



city commission agenda

Regular Meeting

3:30 p.m.
May 23, 2011
Commission Chambers

commissioners		mayor		commissioners	
seat 1	Steven Leary	seat 2	Sarah Sprinkel	seat 3	Carolyn Cooper
			Kenneth W. Bradley	seat 4	Tom McMacken

welcome

Welcome to the City of Winter Park City Commission meeting. The agenda for regularly scheduled Commission meetings is posted in City Hall the Tuesday before the meeting. Agendas and all backup material supporting each agenda item are available in the City Clerk's office or on the city's Web site at www.cityofwinterpark.org.

meeting procedures

Persons desiring to address the Commission MUST fill out and provide to the City Clerk a yellow "Request to Speak" form located by the door. After being recognized by the Mayor, persons are asked to come forward and speak from the podium, state their name and address, and direct all remarks to the Commission as a body and not to individual members of the Commission, staff or audience.

Comments at the end of the meeting under New Business are limited to three (3) minutes. The yellow light indicator will remind you that you have one (1) minute left to sum up. Large groups are asked to name a spokesperson. This period of time is for comments and not for questions directed to the Commission or staff for immediate answer. Questions directed to the City Commission will be referred to staff and should be answered by staff within a reasonable period of time following the date of the meeting. Order and decorum will be preserved at all meetings. Personal, impertinent or slanderous remarks are not permitted. Thank you for participating in your city government.

1	Meeting Called to Order	
2	Invocation Reverend Mike Armstrong, First Baptist Church of Winter Park Pledge of Allegiance	
3	Approval of Agenda	
4	Mayor's Report	Projected Time
	a. Presentation of Winter Park Sidewalk Art Festival poster from Sidewalk Art Festival Board President Holly Henson	5 minutes
	b. 2011 Board appointments (continuation of unfilled positions)	
5	City Manager's Report	Projected Time
		5 minutes
6	City Attorney's Report	Projected Time
	a. Post Office and curbside delivery	

7 Non-Action Items	Projected Time
1. April 2011 Financial Report	10 minutes
8 Citizen Comments 5 p.m. or soon thereafter (if the meeting ends earlier than 5:00 p.m., the citizen comments will be at the end of the meeting) (Three (3) minutes are allowed for each speaker; not to exceed a total of 30 minutes for this portion of the meeting)	Projected Time
9 Consent Agenda	Projected Time
<ul style="list-style-type: none"> a. Approve the minutes of 5/9/11. b. Award IFB-16-2011 to Extreme Pavers of Brevard, Inc. c. Approve the following purchases and agreement: <ul style="list-style-type: none"> 1. PR 146748 to Carl Black Orlando Buick GMC for the purchase of ten (10) replacement vehicles for Police; \$262,612 2. Blanket Purchase Order to Progress Energy for transmission services; \$900,000 3. Blanket Purchase Order to Progress Energy for purchase of bulk power; \$10,000,000 4. Blanket Purchase Order to Seminole Electric Cooperative, Inc. for purchase of bulk power; \$7,000,000 5. PR 146779 to Petersen Industries, Inc., for the purchase of Dump Truck for Forestry piggybacking NJPA contract #081209-FCC; \$83,734.95 6. PR 146757 to Camp, Dresser & McKee, Inc. for professional engineering services for Chain of Lakes Flood map revision; \$80,007 7. Blanket Purchase Order to Winter Park Public Library for annual support; \$445,404 8. Blanket Purchase Order to CSG Systems, Inc. for printing and mailing of Utility bills; \$60,000 9. Blanket Purchase Order to Orange County Utilities for billing of sewer usage; \$60,000 10. Purchase Order to Waste Pro of Florida for April Garbage, Yard Waste & Recycle Services; \$160,266.99 11. Joint Participation Agreement with State of Florida Department of Transportation for the Fairbanks Avenue Milling & Resurfacing and authorize the Mayor to execute. No fiscal impact. d. Authorize the Mayor to execute the contract with Trane U.S., Inc. for a Guaranteed Energy and Water Savings Performance Contract for City facilities. e. Approve the revised City vision statement. f. Approve the Resolution for unilateral enforcement of violations and infractions of municipal law approved on May 9, 2011 with edits by the City Attorney. 	5 minutes

10 Action Items Requiring Discussion <ul style="list-style-type: none"> a. Outdoor Advertising Agreement with Benjamin Partners Ltd. concerning Ravaudage b. Adoption of official City flag c. 90 day update d. East Morse Boulevard streetscape project 	Projected Time 15 minutes 10 minutes 15 minutes 15 minutes
11 Public Hearings <ul style="list-style-type: none"> a. Ordinance-Public records request policy (2) b. Ordinance-Advisory Board membership and roles (1) c. Request of Winter Park Redevelopment Agency LTD for property at 400 West New England Avenue: (Quasi-Judicial hearing) <ul style="list-style-type: none"> 1. Ordinance-Changing the existing zoning of Commercial (C-3A) District to Commercial (C-2) District (1) 2. Conditional Use Approval: To construct a 470 square foot restaurant pavilion building with outdoor patio seating including a gazebo structure on the street frontage, zoned C-3A or C-2. d. Request of the Shipyard Emporium located at 200 W. Fairbanks Avenue: Conditional Use Approval to expand the permitted hours of alcohol sales and consumption from 10:00 p.m. daily to 12:00 midnight. (Quasi-Judicial Hearing) e. Request of Sandra Miller for property at 917 Dupont Avenue: WITHDRAWN BY APPLICANT <ul style="list-style-type: none"> 1. Ordinance-Amending the comprehensive plan to change the Future Land Use of Single Family to Office (1) 2. Ordinance-Changing the existing zoning of Single Family (R-1A) to Office (O-2) District (1) 	Projected Time 5 minutes 30 minutes 30 minutes 20 minutes
12 City Commission Reports <ul style="list-style-type: none"> a. Commissioner Leary b. Commissioner Sprinkel c. Commissioner Cooper d. Commissioner McMacken e. Mayor Bradley 	Projected Time 10 minutes each

appeals & assistance

"If a person decides to appeal any decision made by the Commission with respect to any matter considered at such meeting or hearing, he/she will need a record of the proceedings, and that, for such purpose, he/she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based." (F. S. 286.0105).

"Persons with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk's Office (407-599-3277) at least 48 hours in advance of the meeting."

Mayor's Appointments - May 23, 2011

4.12	TERM	ID	First Name	Last Name	Home Address	City	State	Zip
BOARD OF ADJUSTMENT								
	1 2011-2014	121	Bruce	Becker	300 Fountain Lane	Winter Park	FL	32789
CONSTRUCTION BOARD OF ADJUSTMENT								
	Re-appoint, 1 2011-2014	154	Rodney	Kincaid	2186 N. Countryside C	Orlando	FL	32804
	Re-appoint, 2 2011-2014	153	JOE	FISHER II	1561 woodland ave	Winter Park	FL	32789
	Re-appoint, 3 2011-2014	152	Eddie	Cox	300 Lake Drive South	Chuluota	FL	32766
ENVIRONMENTAL REVIEW BOARD								
	1 2011-2014	95	Mary	Dipboye	938 Golfside Drive	Winter Park	FL	32792
	2 2011-2012		Laura	Gimpelson	Alternate promoted to regular board member.			
	3 2011-2014	107	Laura	Walda	1791 Shiloh Lane	Winter Park	FL	32789
	Alternate, 4 2011-2013	145	James	Robinson	1411 Elizabeth Drive	Winter Park	FL	32789

HISTORICAL PRESERVATION BOARD

1	2011-2014	141	PATRICIA	HEIDRICH	611 Penn Place	WINTER PARK	FL	32789
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KEEP WINTER PARK BEAUTIFUL BOARD

1		160	Kelda	Senior	2367 Nautical Way, U	Winter Park	FL	32792
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2		159	Lauren	Bradley	780 Williams Drive	Winter Park	FL	32789
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3		105	Barbara	Chandler	1054 Azalea Ln	Winter Park	FL	32789
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PARKS AND RECREATION BOARD

1	2011-2013		Ed	Englander	Alternate promoted to regular board member.			
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PUBLIC ARTS ADVISORY BOARD

1		92	Anne	Russell	1681 Walnut Ave	Winter Park	FL	32789
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2		84	Clyde	Moore	1620 Oakhurst Avenue	Winter Park	FL	32789
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item type Non-Action Item

meeting date May 23, 2011

Below are issues of interest to the Commission and community that are currently being worked on by staff, but do not currently require action on the Commission agenda. These items are being tracked to provide the Commission and community the most up to date information regarding the status of the various issues. The City Manager will be happy to answer questions or provide additional updates at the meeting.

issue	update	date
Pension Study	At the Pension Board Meetings of May 12 th , the 12 year smoothing plans were accepted by both Boards. Now that the legislative session is over, a review of impacts to previously approved pension adjustments is underway.	
Lee Road Median Update	Staff continues to work on getting a final approval with FDOT. Responses to FDOT's concerns were submitted. At this point, only tree they will allow is drake elm, crepe myrtle and ligustrum. City would like to include magnolia as well.	Dependent on acceptance of our responses.
Pro Shop Renovation (Starter House)	The building program and plans will be presented at May 23 rd Commission Meeting for information.	Anticipate completion in August 2011
Historic District	Downtown Winter Park was accepted by the National Historic Register.	Completed
Community Center	The City-wide programming survey has been completed and is being evaluated by GreenPlay.	Turner estimates construction completion in July 2011.
Park Ave Area Task Force	Discovery sessions are complete. Engauge is now working on the creative development.	Anticipated completion July/August 2011

Fairbanks Improvement Project	The City Commission eliminated medians from the plan base on citizen and businesses input. The 90% drawings are currently being modified and staff is working with FDOT to secure a timeline that will allow for the paving grant. A revised Task Order is being prepared by CH2M Hill to cover the additional design required to incorporate the requested changes. This will be brought to the City Commission for approval.	The revisions to the final design Task Order are on this Agenda. The FDOT JPA will be on the May 23rd agenda along with the Task Order for the services during construction.
Fairbanks/Orange/Pennsylvania	Work continues on sidewalk improvements from Pennsylvania to Park with work being performed at night. Utility upgrades also being done ahead of sidewalk work. Street light base installation is also underway and approximately 50% complete.	Entire project to be completed by June 30th.
ReLeaf	Contract for future plantings will be rebid.	Resolved
Hazardous Waste	Another round of comments have been forwarded to the County for review. We have requested and received permission to temporarily allow Winter Park residents to use the Orange County HHW disposal facility while the details of the Interlocal Agreement are being finalized.	TBD

Once projects have been resolved, they will remain on the list for one additional meeting to share the resolution with the public and then be removed.



CITY OF WINTER PARK FLORIDA
WINTER PARK COUNTRY CLUB
STARTER'S HOUSE





NE CORNER



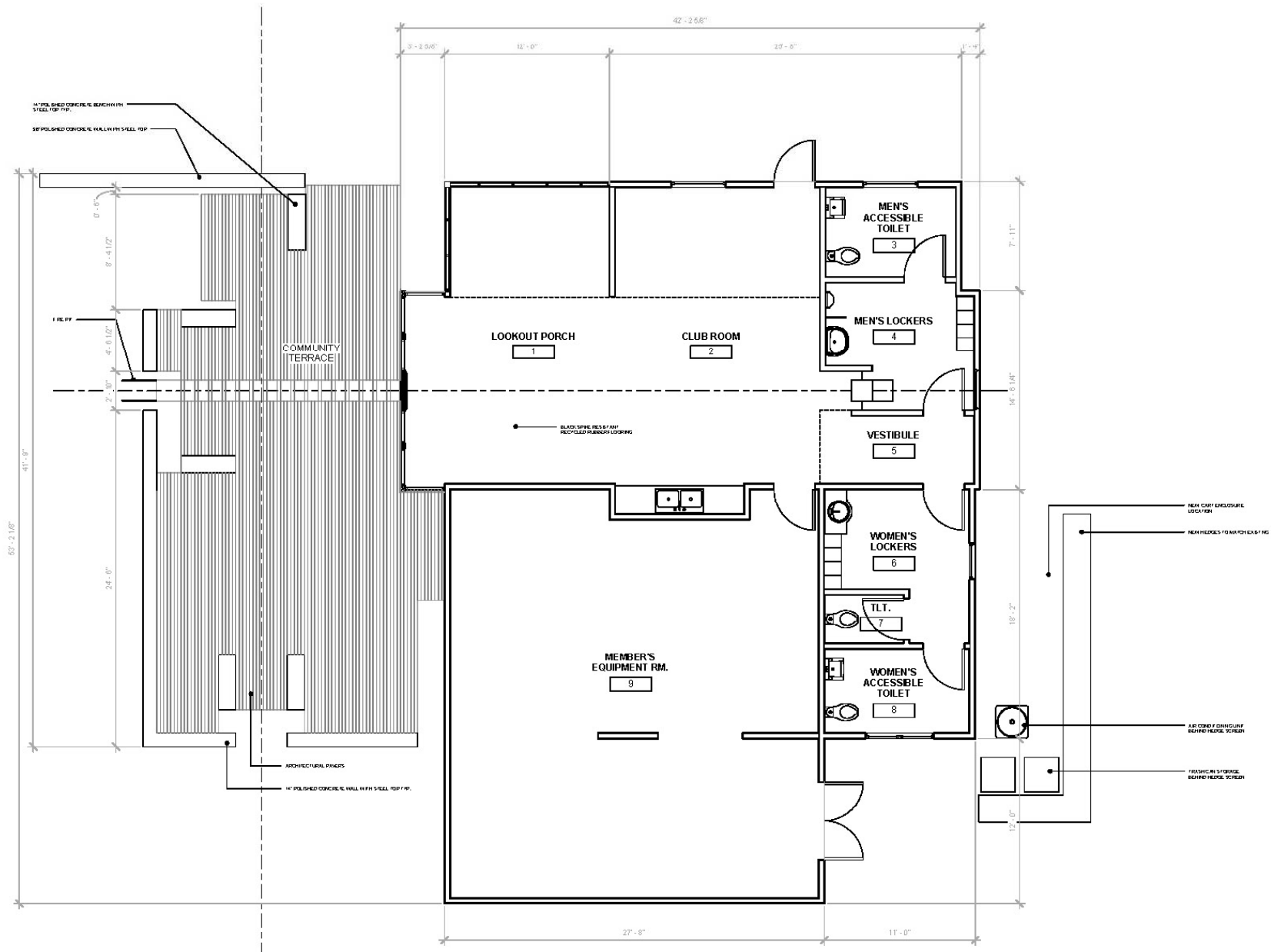
EAST ELEVATION



SE CORNER



WEST ELEVATION



PROPOSED FLOOR PLAN



INTERIM REVIEW ONLY

Please do not return this form to the publisher. It will be retained for your records and will be used to monitor the progress of your manuscript. It will be destroyed after the final proof has been received.

Author(s) Name(s) _____
Journal, Vol., No., Page(s) _____
Date Submitted _____

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PLAN

A102



EAST ELEVATION - PROPOSED



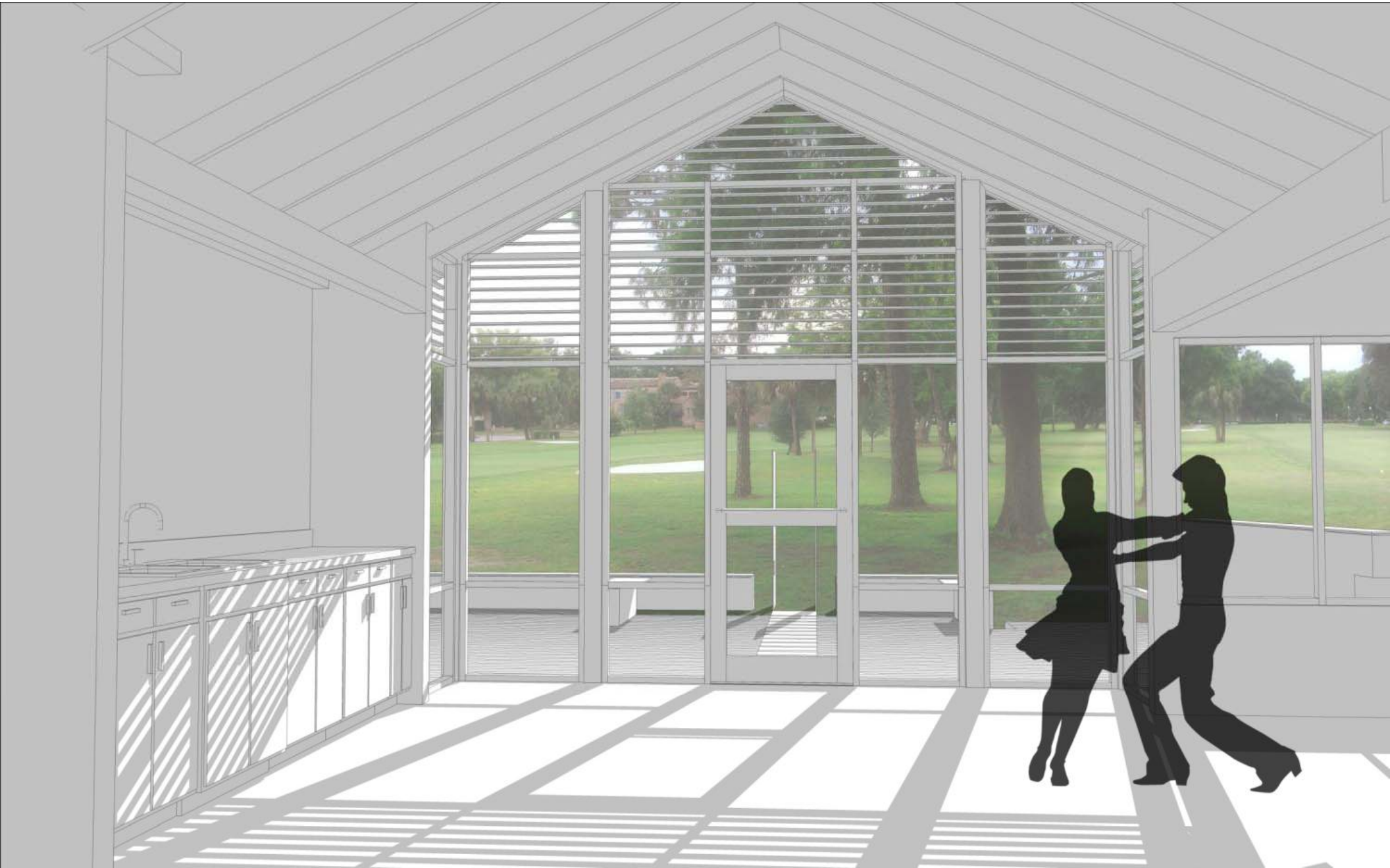
WEST ELEVATION - PROPOSED



NORTH ELEVATION - PROPOSED



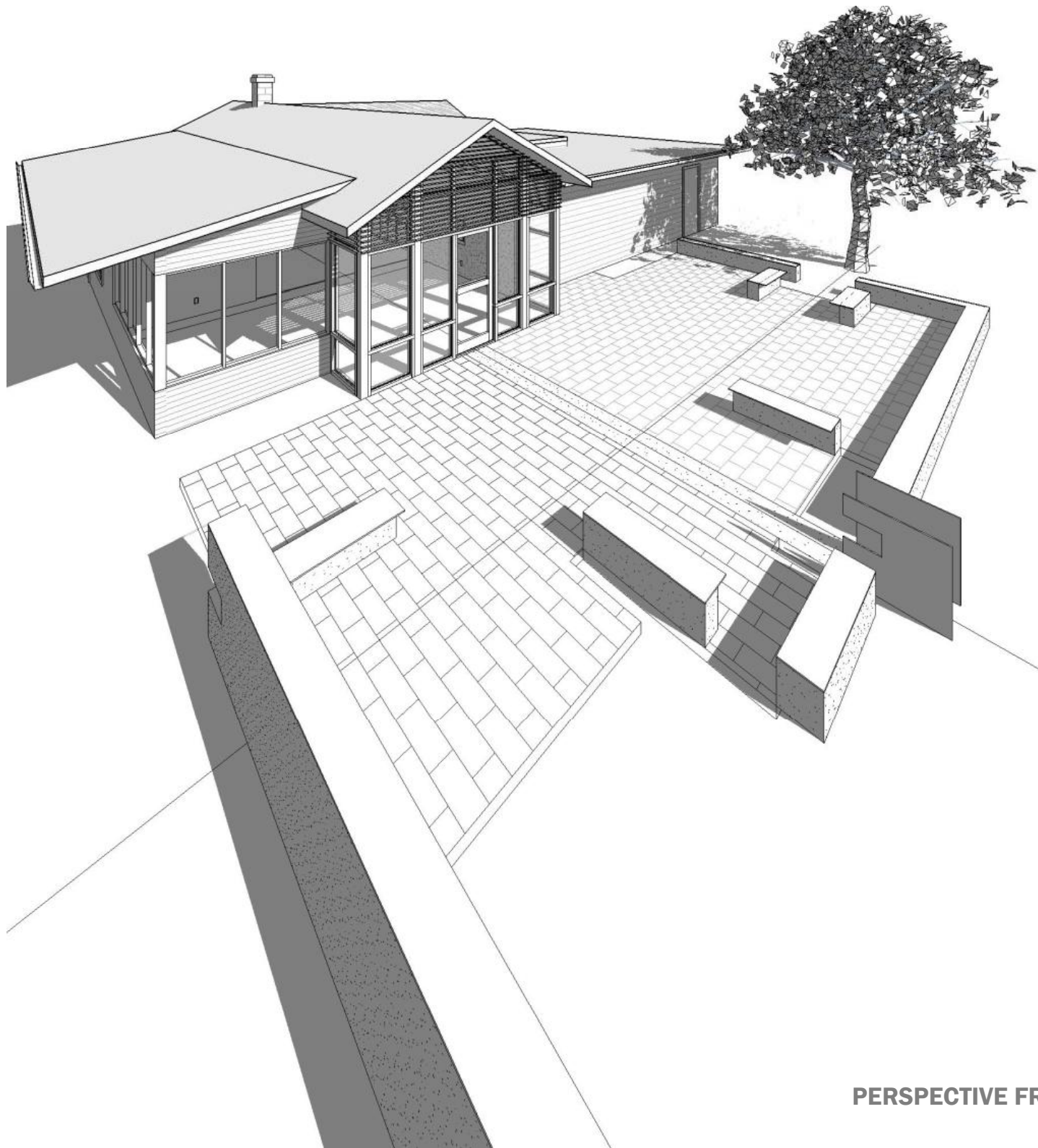
SOUTH ELEVATION - PROPOSED



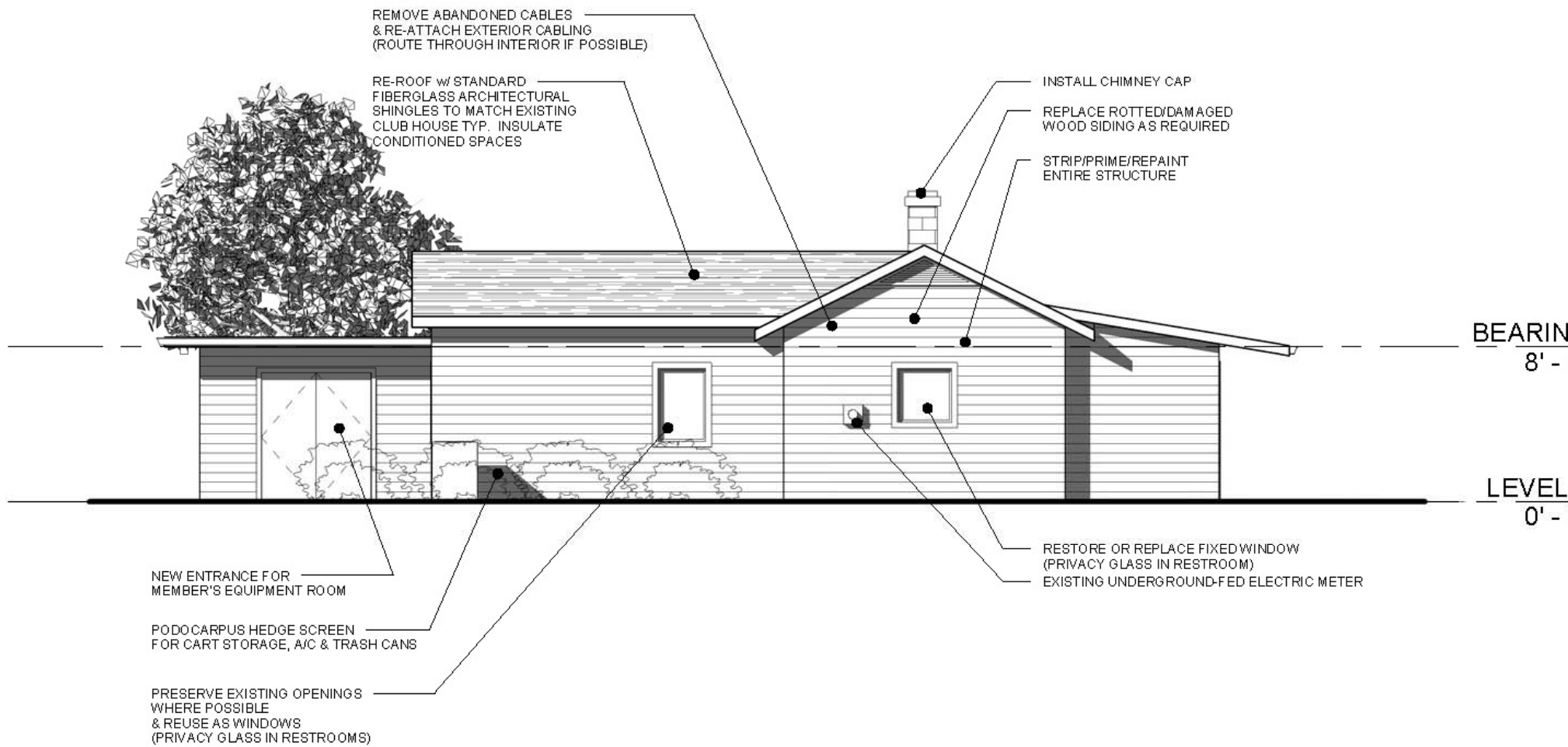
VIEW TO GOLF COURSE (WEST)

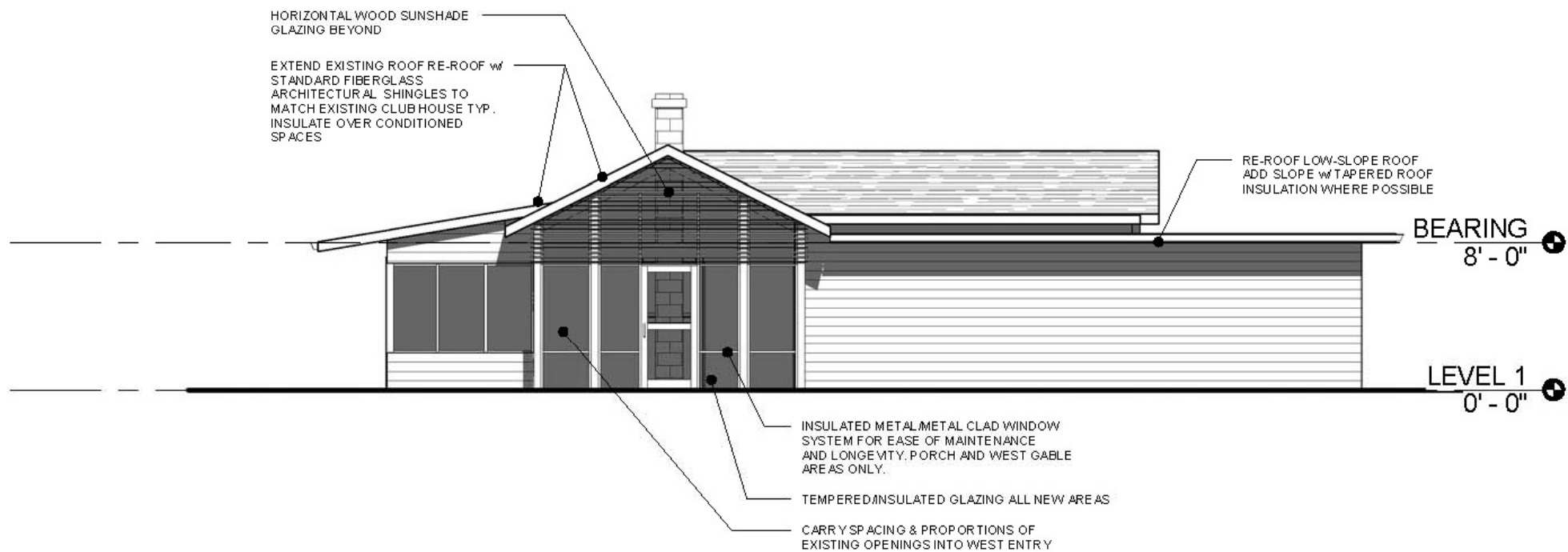


PERSPECTIVE FROM NORTHWEST

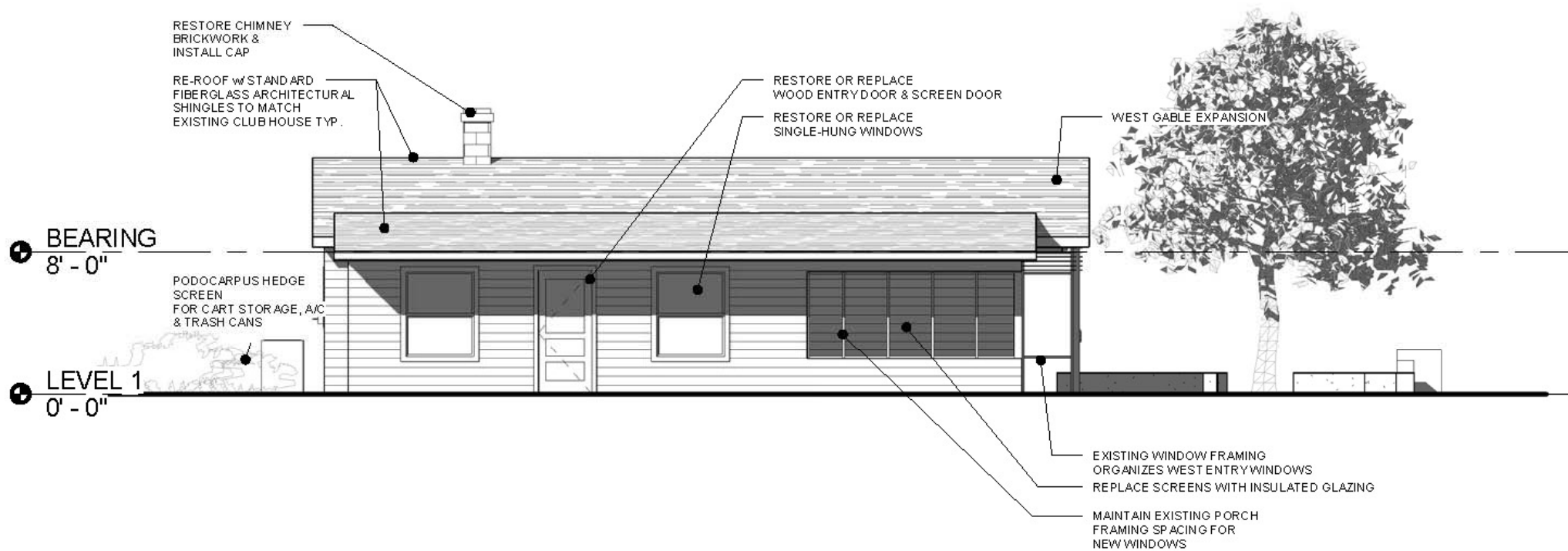


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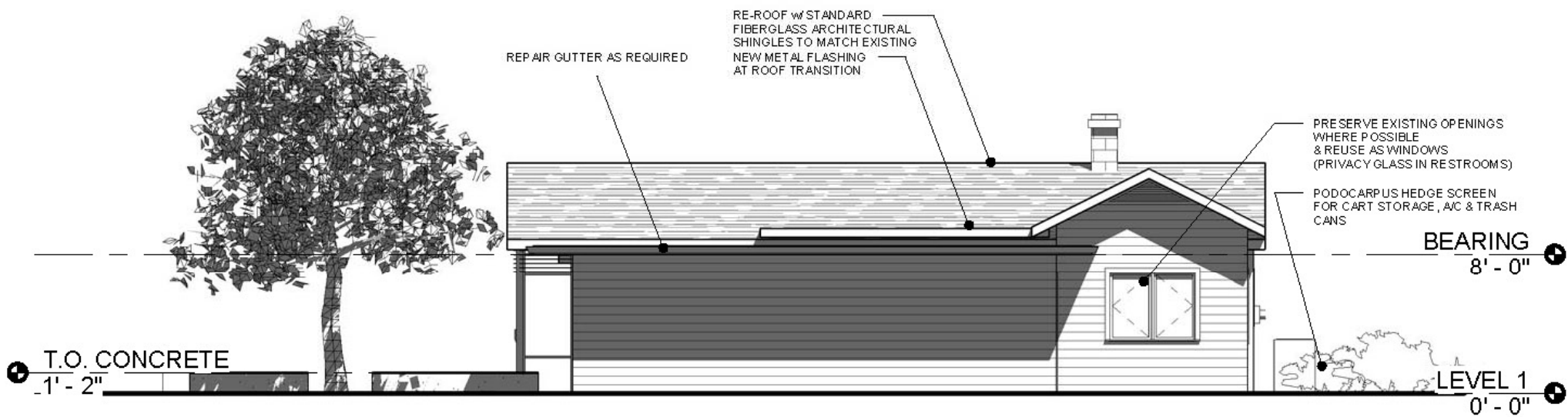




WEST



NORTH



SOUTH

Financial Report

For the Month of April (58% of fiscal year lapsed)

Fiscal Year 2011

General Fund

Financial results for the seven months of FY 2011 in the General Fund are favorable with the following items noted:

- Overall General Fund revenues are on track to meet budget expectations. Discussion of major revenue sources is below.
- The timing of property tax distributions from the Tax Collector is behind where it was last year (86% current year vs. 91% prior year). We do not anticipate a significant shortfall from the budget.
- Franchise fee revenues include only six months of solid waste and electric franchise fees. Franchise fees from electric sales are higher in the summer months. Franchise fees are \$103,471 above April 2010 only because an extra month of solid waste franchise fees had been received in the current year and \$33,430 in tennis franchise fee revenue this year. The City began receiving franchise fee revenue from the private operator of Azalea Lane Tennis Center in May of last year.
- Utility tax revenue includes only five months of Communications Service Tax revenue. Including comparable estimates for the other months will bring this revenue in line with the annual budget. Communications Services Tax could be \$40,000 short of the budget estimate. Electric and water utility tax revenues are also on track to equal or exceed projections. Utility taxes in total are \$76,586 behind April 2010. The decrease is all in electric utility taxes which should be OK given the usual increase in summer revenues.
- Occupational licenses are renewed as of October 1 of each year so the largest portion of this revenue has already been received. Revenues are \$31,912 greater than April 2010.
- Building permit revenues are down \$21,709 in comparison to the first seven months of the prior year and only slightly behind budget but still have time to catch up.
- Intergovernmental revenues are low in comparison to budget because only five months of half cent sales and local option gas tax revenues had been received through April. Sales tax may be about \$60,000 below budget by fiscal year end and local option gas tax is on track to exceed the budget by \$35,000. State revenue sharing may be about \$35,000 short of the annual budget. Sales tax is \$128,744 better through April of the current year in comparison to the prior year. The expected budgetary shortfall is due to revenues being anticipated to be better based on revenue trends at the time.
- Charges for services are up \$499,387 in comparison to the prior year. Ambulance transport revenues are the main reason for this increase and are

\$441,409 higher than April 2011. The City was transitioning between billing agents at this point last year. Once the medicare application for the new billing agent was through all approval processes we received a large distribution of payments. Some of these were accrued to the prior year and a large amount remains for the current year. Overall, ambulance transport revenues will likely exceed the budget projection by about \$450,000.

- Fines and forfeiture revenues are a bit behind as the Orange County Clerk of Courts began retaining 10% of the traffic fines for the Public Records Modernization Trust Fund this past year. We will likely be \$325,000 below our budget estimate for this revenue. However, the additional transport revenues will more than offset this shortfall.
- Miscellaneous revenue is behind primarily due to the extraordinarily low interest rates. This revenue source could be approximately \$100,000 short of the annual budget.
- Legal services are over budget due to litigation matters.
- Organizational support for the Winter Park Historical Association (\$60,000) and United Arts (\$15,000) were paid at the beginning of the fiscal year. Contributions to the Winter Park Public Library are spread throughout the year at one twelfth of the budget each month. However, eight monthly payments to the Library had been made through April which causes this line to appear over budget.
- Other expenditures are generally in line with or below budget.

Community Redevelopment Agency Fund

Tax increment revenues decreased by \$867,739 as a result of a 16% decrease in valuation of properties within the CRA. Revenues are even with budget as expected and all tax increment revenues are credited to the CRA in December.

Charges for services revenue is from daily passes and sponsorships for the ice skating rink in the West Meadow earlier this year.

Operating expenditures are ahead of schedule because the City has already made its annual \$40,000 contribution for support of Heritage Center operations.

Capital project spending is largely for the new Community Center.

Debt service is higher than the prior year because this is the first year of debt service for the Community Center loan.

Water and Sewer Fund

Revenue is up \$469,797 in comparison to the prior year and is ahead of the budget estimates for the first time this year at 61% of the budget.

Bottom line shows YTD net income of \$1,632,247. After subtracting capital contributions (impact fees), net income is still \$902,114 for the seven months ended April 30, 2011.

Electric Services Fund

Revenues are down \$1,565,875 comparison to the prior year. Sales of kWh are running about 4.5% behind the prior year.

Bulk power costs are below budget as of April 2011. The new arrangement with Seminole Electric and Progress Energy should result in these costs being significantly below budget for the year with the exception of fuel costs which will be recovered from the customer through quarterly adjustments. Although sales of kWh are running about 4.5% behind the prior year our cost of purchasing power is 17.5% below the total through April 2010.

The large miscellaneous revenue is primarily insurance payments received from Progress Energy (PE) to offset the excess fuel costs the City has been paying while PE's Crystal River nuclear plant has been operating at less than full capacity.

Bottom line is net income of \$4,572,594 through April 31. After deducting \$1,183,763 in payments from Progress Energy for insurance funds, net income is still \$3,388,831.

The City of Winter Park, Florida
Monthly Financial Report - Budget vs. Actual
General Fund
Fiscal YTD April 30, 2011 and 2010
58% of the Fiscal Year Lapsed

	Fiscal YTD April 30, 2011						Fiscal YTD April 30, 2010			
	Actual		Budget				Actual	Budget		
	YTD	YTD %	Original Annual	Adjusted Annual *	Prorated Adj. Annual	Variance from Prorated Adj. Annual	YTD	Adjusted Annual	Prorated Adj. Annual	Variance from Prorated Adj. Annual
Revenues:										
Property Tax	\$ 12,561,452	148%	\$ 14,538,871	\$ 14,538,871	\$ 8,481,006	\$ 4,080,446	\$ 14,476,459	\$ 15,895,265	\$ 9,272,234	\$ 5,204,225
Franchise Fees	549,296	83%	1,130,000	1,130,000	659,167	(109,871)	445,825	1,088,094	634,722	(188,897)
Utility Taxes	3,362,144	83%	6,921,536	6,921,536	4,037,563	(675,419)	3,438,730	6,712,270	3,915,491	(476,761)
Occupational Licenses	461,041	176%	450,000	450,000	262,500	198,541	429,129	468,000	273,000	156,129
Building Permits	600,520	100%	1,033,800	1,033,800	603,050	(2,530)	622,229	939,497	548,040	74,189
Other Licenses & Permits	16,795	144%	20,000	20,000	11,667	5,128	14,246	16,100	9,392	4,854
Intergovernmental	2,635,373	75%	5,995,605	5,995,605	3,497,436	(862,063)	2,492,790	5,660,612	3,302,024	(809,234)
Charges for Services	2,460,135	114%	3,708,300	3,708,300	2,163,175	296,960	1,960,748	3,516,538	2,051,314	(90,566)
Fines and Forfeitures	163,692	35%	797,500	797,500	465,208	(301,516)	248,397	664,570	387,666	(139,269)
Miscellaneous	376,463	121%	504,610	533,810	311,389	65,074	310,094	499,414	291,325	18,769
Fund Balance	-	-	-	566,257	330,317	(330,317)	-	802,709	468,247	(468,247)
Total Revenues	23,186,911	111%	35,100,222	35,695,679	20,822,478	2,364,433	24,438,647	36,263,069	21,153,455	3,285,192
Expenditures:										
City Commission	11,052	40%	47,057	47,057	27,450	16,398	16,901	19,477	11,362	(5,539)
Legal Services - City Attorney	197,435	167%	202,800	202,800	118,300	(79,135)	206,013	266,596	155,514	(50,499)
Legal Services - Other	59,515	102%	100,000	100,000	58,333	(1,182)	73,213	70,000	40,833	(32,380)
Lobbyists	45,041	148%	52,000	52,000	30,333	(14,708)	83,615	112,000	65,333	(18,282)
City Management	256,595	92%	476,603	476,603	278,018	21,423	275,229	478,863	279,337	4,108
City Clerk	116,324	87%	229,966	229,966	134,147	17,823	124,450	235,547	137,402	12,952
Communications Dept.	216,500	84%	440,584	441,384	257,474	40,974	221,188	481,212	280,707	59,519
Information Technology Services	714,695	88%	1,252,217	1,399,459	816,351	101,656	751,840	1,362,712	794,915	43,075
Finance	463,136	101%	789,862	789,962	460,811	(2,325)	471,160	807,357	470,958	(202)
Human Resources	156,964	89%	300,859	300,859	175,501	18,537	139,583	353,479	206,196	66,613
Purchasing	78,442	58%	202,494	232,988	135,910	57,468	99,110	210,825	122,981	23,871
Planning & Community Development	311,329	78%	639,187	683,761	398,861	87,532	324,741	692,089	403,719	78,978
Building & Code Enforcement	674,826	89%	1,289,136	1,293,628	754,616	79,790	674,751	1,275,919	744,286	69,535
Public Works	3,697,046	91%	6,779,814	6,932,734	4,044,095	347,049	3,730,953	7,192,799	4,195,799	464,846
Police	5,801,898	89%	11,044,550	11,225,620	6,548,278	746,380	6,164,891	11,672,252	6,808,814	643,923
Fire	4,817,815	95%	8,643,108	8,656,723	5,049,755	231,940	5,245,250	9,162,232	5,344,635	99,385
Parks & Recreation	3,073,069	89%	5,924,844	5,944,994	3,467,913	394,844	3,110,401	6,134,081	3,578,214	467,813
Organizational Support	965,808	117%	1,411,212	1,411,212	823,207	(142,601)	825,290	1,386,212	808,624	(16,666)
Non-Departmental	-	-	239,000	2,171,404	1,266,652	1,266,652	-	961,735	561,012	561,012
Total Expenditures	21,657,490	87%	40,065,293	42,593,154	24,846,005	3,188,515	22,538,579	42,875,387	25,010,641	2,472,062
Revenues Over/(Under)										
Expenditures	1,529,421	-38%	(4,965,071)	(6,897,475)	(4,023,527)	5,552,948	1,900,068	(6,612,318)	(3,857,186)	5,757,254
Operating transfers in	4,988,320	97%	8,782,012	8,782,012	5,122,840	(134,520)	5,154,613	9,139,505	5,331,378	(176,765)
Operating transfers out	(1,099,313)	100%	(1,884,537)	(1,884,537)	(1,099,313)	-	(1,554,222)	(2,527,187)	(1,474,192)	(80,030)
Other Financing Sources/(Uses)	3,889,007	97%	6,897,475	6,897,475	4,023,527	(134,520)	3,600,391	6,612,318	3,857,186	(256,795)
Total Revenues Over										
Expenditures	\$ 5,418,428		\$ 1,932,404	\$ -	\$ -	\$ 5,418,428	\$ 5,500,459	\$ -	\$ -	\$ 5,500,459

* As adjusted through April 30, 2011

The City of Winter Park, Florida
Monthly Financial Report - Budget vs. Actual
Community Redevelopment Fund
Fiscal YTD April 30, 2011 and 2010
58% of the Fiscal Year Lapsed

	Fiscal YTD April 30, 2011						Fiscal YTD April 30, 2010			
	Actual		Budget				Actual		Budget	
	YTD	YTD %	Original Annual	Adjusted Annual *	Prorated Adj. Annual	Variance from Prorated Adj. Annual	YTD	Adjusted Annual	Prorated Adj. Annual	Variance from Prorated Adj. Annual
Revenues:										
Property Tax	\$ 2,309,577	172%	\$ 2,305,963	\$ 2,305,963	\$ 1,345,145	\$ 964,432	\$ 3,177,316	3,222,158	\$ 1,879,592	\$ 1,297,724
Intergovernmental	-	0%	-	-	-	-	116,463	-	-	116,463
Charges for services	170,783	0%	200,000	200,000	116,667	54,116	116,843	-	-	116,843
Miscellaneous	13,945	20%	117,200	117,200	68,367	(54,422)	81,586	234,400	136,733	(55,147)
Fund Balance	-	0%	338,821	7,625,256	4,448,066	(4,448,066)	-	3,161,178	1,844,021	(1,844,021)
Total Revenues	2,494,305	42%	2,961,984	10,248,419	5,978,244	(3,483,939)	3,492,208	6,617,736	3,860,346	(368,138)
Expenditures:										
Planning and Development	329,482	88%	644,708	644,908	376,196	46,714	339,191	776,233	452,803	113,612
Capital Projects	4,257,873	97%	-	7,526,235	4,390,304	132,431	1,043,606	11,971,178	6,983,187	5,939,581
Debt service	1,160,647	132%	1,506,081	1,506,081	878,547	(282,100)	653,728	1,150,578	671,171	17,443
Total Expenditures	5,748,002	102%	2,150,789	9,677,224	5,645,047	(102,955)	2,036,525	13,897,989	8,107,161	6,070,636
Revenues Over/(Under)										
Expenditures	(3,253,697)	-977%	811,195	571,195	333,197	(3,586,894)	1,455,683	(7,280,253)	(4,246,815)	5,702,498
Debt proceeds	-	-	-	-	-	-	8,100,000	8,100,000	4,725,000	3,375,000
Operating transfers out	(62,480)	100%	(107,108)	(107,108)	(62,480)	0	(68,753)	(117,862)	(68,753)	-
Other Financing Sources/(Uses)	(62,480)	100%	(107,108)	(107,108)	(62,480)	(0)	8,031,247	7,982,138	4,656,247	3,375,000
Total Revenues Over/(Under)										
Expenditures	\$ (3,316,177)		\$ 704,087	\$ 464,087	\$ 270,717	\$ (3,586,894)	\$ 9,486,930	701,885	\$ 409,432	\$ 9,077,498

* As adjusted through April 30, 2011

The City of Winter Park, Florida
Monthly Financial Report - Budget vs. Actual
Water & Sewer Funds
Fiscal YTD April 30, 2011 and 2010
58% of the Fiscal Year Lapsed

	Fiscal YTD April 30, 2011				Fiscal YTD April 30, 2010		
	YTD Actual	Original Budget	Adjusted Budget *	Adjusted %	YTD Actual	Adjusted Budget	Adjusted %
Operating Revenues							
Intergovernmental	\$ -	\$ -	\$ -	0%	\$ -	\$ -	0%
Charges for services	15,029,173	27,129,592	24,719,592	61%	14,559,376	26,084,285	56%
Total Operating Revenues	15,029,173	27,129,592	24,719,592	61%	14,559,376	26,084,285	56%
Operating Expenses:							
General and Administration	774,045	1,434,592	1,474,745	52%	773,039	1,511,472	51%
Operations	6,238,713	14,450,260	14,571,094	43%	6,514,080	16,773,393	39%
Facility Agreements	1,592,301	3,530,000	3,530,000	45%	1,607,337	3,717,000	43%
Depreciation & Amortization	2,538,570	-	-	0%	3,203,984	-	0%
Total Operating Expenses	11,143,629	19,414,852	19,575,839	57%	12,098,440	22,001,865	55%
Operating Income (Loss)	3,885,544	7,714,740	5,143,753	76%	2,460,936	4,082,420	60%
Nonoperating Revenues (Expenses):							
Investment earnings	112,128	238,920	238,920	47%	151,486	745,900	20%
Debt Service	(1,955,649)	(5,999,908)	(3,589,908)	54%	(1,775,921)	(4,106,638)	43%
Miscellaneous revenue	1,121	2,300	2,300	0%	-	-	0%
Fund Balance	-	-	160,987	0%	-	1,459,718	0%
Total Nonoperating Revenues (Expenses)	(1,842,400)	(5,758,688)	(3,187,701)	58%	(1,624,435)	(1,901,020)	85%
Income (Loss) Before Operating Transfers	2,043,144	1,956,052	1,956,052	104%	836,501	2,181,400	38%
Capital Contributions	730,133	-	-	0%	115,497	-	100%
Operating transfers in	-	-	-	0%	-	-	0%
Operating transfers out	(1,141,030)	(1,956,052)	(1,956,052)	58%	(1,321,298)	(2,181,400)	61%
Total Contributions and Transfers	(410,897)	(1,956,052)	(1,956,052)	21%	(1,205,801)	(2,181,400)	55%
Net Income	\$ 1,632,247	\$ -	\$ -		\$ (369,300)	\$ -	

* As adjusted through April 30, 2011

The City of Winter Park, Florida
Monthly Financial Report - Budget vs. Actual
Electric Services Funds
Fiscal YTD April 30, 2011 and 2010
58% of the Fiscal Year Lapsed

	Fiscal YTD April 30, 2011				Fiscal YTD April 30, 2010		
	YTD Actual	Original Budget	Adjusted Budget *	Adjusted %	YTD Actual	Adjusted Budget	Adjusted %
Operating Revenues							
Intergovernmental	\$ -	\$ -	\$ -	0%	\$ 565,127	\$ -	0%
Charges for services	29,359,827	53,805,025	53,805,025	55%	30,360,575	57,337,970	53%
Total Operating Revenues	29,359,827	53,805,025	53,805,025	55%	30,925,702	57,337,970	54%
Operating Expenses:							
General and Administration	710,854	1,117,722	1,117,758	64%	595,378	3,593,846	17%
Operations	2,900,768	8,931,951	7,107,216	41%	2,814,200	7,038,744	40%
Purchased Power Cost	15,940,212	33,914,312	33,914,312	47%	19,319,606	37,592,170	51%
Deferred Purchased Power Fuel Cost	-	-	-	0%	203,263	-	0%
Transmission Power Cost	1,139,845	1,772,000	1,772,000	64%	1,047,598	1,771,875	59%
Depreciation & Amortization	2,019,880	-	-	0%	1,897,817	-	0%
Total Operating Expenses	22,711,559	45,735,985	43,911,286	52%	25,877,862	49,996,635	52%
Operating Income (Loss)	6,648,268	8,069,040	9,893,739	67%	5,047,840	7,341,335	69%
Nonoperating Revenues (Expenses):							
Investment earnings	(30,305)	(115,000)	(115,000)	26%	(79,627)	(100,000)	80%
Debt Service	(1,625,052)	(4,989,711)	(4,989,711)	33%	(1,607,689)	(4,032,260)	40%
Miscellaneous revenue	1,174,355	-	-	0%	76,504	-	0%
Fund Balance	-	-	356,358	0%	-	-	0%
Total Nonoperating Revenues (Expenses)	(481,002)	(5,104,711)	(4,748,353)	10%	(1,610,812)	(4,132,260)	39%
Income (Loss) Before Operating Transfers	6,167,266	2,964,329	5,145,386	120%	3,437,028	3,209,075	107%
Operating transfers in	-	-	-	0%	-	-	0%
Operating transfers out	(1,594,672)	(2,964,329)	(2,964,329)	54%	(1,727,728)	(3,209,075)	54%
Total Operating Transfers	(1,594,672)	(2,964,329)	(2,964,329)	54%	(1,727,728)	(3,209,075)	54%
Net Income (Loss)	\$ 4,572,594	\$ -	\$ 2,181,057		\$ 1,709,300	\$ -	

* As adjusted through April 30, 2011

REGULAR MEETING OF THE CITY COMMISSION
May 9, 2011

The meeting of the Winter Park City Commission was called to order by Mayor Kenneth Bradley at 3:30 p.m. in the Commission Chambers, 401 Park Avenue South, Winter Park, Florida.

The invocation was provided by Pastor Eric Doran, Kress Memorial Seventh Day Adventist, followed by the Pledge of Allegiance.

Members present:

Mayor Kenneth Bradley
Commissioner Steven Leary
Commissioner Sarah Sprinkel
Commissioner Tom McMacken
Commissioner Carolyn Cooper

Also present:

City Manager Randy Knight
City Attorney Larry Brown
City Clerk Cynthia Bonham
Deputy City Clerk Michelle Bernstein

Approval of the agenda

Mayor Bradley requested that item 11.a. be tabled to a meeting in June when the conditional use process has been completed. **Motion made by Mayor Bradley to approve the agenda with this change; seconded by Commissioner Leary and approved by acclamation of the City Commission.**

Mayor's Report

a. Employee of the Quarter Peter Moore

Mayor Bradley recognized Assistant CRA Manager Peter Moore as the Employee of the First Quarter in 2011.

b. Proclamation-Winter Park High School International Baccalaureate Day

Mayor Bradley proclaimed May 21, 2011 as International Baccalaureate Program Day and noted that they will be celebrating their 25th anniversary.

c. Proclamation – Building Safety Month

Mayor Bradley proclaimed May 2011 as Building Safety Month in the City. He gave special recognition to Building Director George Wiggins and the entire team in the Building and Code Enforcement Department for the work they perform.

d. Report of the Florida League of Mayors conference

Mayor Bradley mentioned that he had the opportunity to participate in the Florida League of Mayors conference where they spoke about a program that is being sponsored by the Collins Institute to have a statewide dialogue on what Florida will become over the next 30-50 years. He noted that he will provide the website information to the City Manager so that he can distribute it to the Commission.

e. 2011 Board Appointments

Mayor Bradley thanked all the citizens who applied for boards and commented that there will still be some openings. He stated per the Charter he will appoint the members and the remainder of the Commission can ratify or deny his appointments. He stated the gray boxes on the spreadsheet provided are an indication that those positions are still open.

The following appointments were made:

Board of Adjustment:

John Simpson (2011-2014)
Lucy Morse (Re-appointment 2011-2014)

Motion made by Mayor Bradley that the Board of Adjustment appointments are accepted as presented; seconded by Commissioner Sprinkel and carried unanimously with a 5-0 vote.

Commissioner Cooper asked if they should hold their recommendations until afterwards. She addressed two BOA members that have served (Bruce Becker and Ann Higby) before and asked the Mayor to consider them for appointment. Mayor Bradley said he would be happy to consider any names for the open positions not being made today and that Commission members can inform him of those names at the end of today's appointments.

Code Enforcement:

Carl Sanford (alternate promoted to regular member 2011-2014)
Frederick Jones (2011-2014)
Brian Kracht (Alternate, 2011-2013)

Motion made by Mayor Bradley that the Code Enforcement appointments are accepted as presented; seconded by Commissioner Cooper and carried unanimously with a 5-0 vote.

Community Redevelopment Advisory Board:

Paul Saint-Pier (alternate promoted to regular member 2011-2014)
Alan Thompson (alternate)

Motion made by Mayor Bradley that the Community Redevelopment Advisory Board appointments are accepted as presented; seconded by Commissioner Leary. Commissioner Cooper asked to vote on those two separately. Mayor Bradley stated they will be voted on as a whole. **The motion carried with a 4-1 vote with Commissioner Cooper voting no.**

Construction Board of Adjustment

Mayor Bradley stated those appointments will be made at the next meeting.

Economic Development Advisory Board

Owen Beitsch
John Gill

Motion made by Mayor Bradley that the Economic Development Advisory Board appointments are accepted as presented; seconded by Commissioner Sprinkel. Commissioner Cooper asked to discuss Mr. Beitsch as she believed it may put him in a difficult situation relative to conflict of interest and wanted to make sure members can full participate on this board. Mayor Bradley stated he believed his service to the City is concluded. Commissioner Cooper stated he is a good asset for the City and we use him often. Mayor Bradley stated that staff had no concerns with this. **The motion carried with a 4-1 vote with Commissioner Cooper voting no.**

Environmental Review Board

Stephen Pategas (reappointment)

Motion made by Mayor Bradley that Environmental Review Board appointment is accepted as presented; seconded by Commissioner Cooper and carried unanimously with a 5-0 vote.

Ethics Board

Julie Zimmerman (reappointment 2011-2014)

Kit Pepper (alternate promoted to regular member)

Michael English (alternate 2011-2013)

Motion made by Mayor Bradley that the Ethics Board appointments are accepted as presented; seconded by Commissioner Leary. Commissioner Cooper asked about the application for Ms. Pepper and stated she is delighted to appoint her if she is interested. Mayor Bradley explained that the alternates are not required to submit applications only to move up from alternate to regular member; they are required to submit an application only if they are being reappointed. Commissioner Cooper asked that someone make sure she wants to serve. **The motion carried with a 4-1 vote with Commissioner Cooper voting no.**

Keep Winter Park Beautiful Board

John Rife III

Lucy Roberts

Kimberly Roberts

Robert (Tom) Shutts (after discussion, was not appointed this time)

Commissioner Cooper addressed Mr. Shutts not applying for KWPB. Mayor Bradley stated that he sent a second application and the first application had that. He stated if she believes he should remove his name, he can do so. She asked that this be checked. Mayor Bradley stated he will hold his application. **Motion made by Mayor Bradley that the Keep Winter Park Beautiful appointments are accepted as presented (without Mr. Shutts); seconded by Commissioner Leary and motion carried unanimously with a 5-0 vote.**

Lakes and Waterways Board

Jesse Graham

Nora Miller

James Barnes

Motion made by Mayor Bradley that the Lakes and Waterways Board appointments are accepted as presented; seconded by Commissioner Sprinkel and carried unanimously with a 5-0 vote.

Parks and Recreation Board

Woody Woodall
Marni Spence
Janet Atkins

Motion made by Mayor Bradley that the Parks and Recreation Board appointments are accepted as presented; seconded by Commissioner Leary. Commissioner Cooper requested that they vote separately for these individuals. Mayor Bradley denied the request and stated they will be voted on all at once. **The motion carried with a 3-2 vote with Commissioners Cooper and McMacken voting no. Mayor Bradley and Commissioners Leary and Sprinkel voted yes.**

Pedestrian and Bicycle Safety Board

Whit Blanton (reappointed)
Gordon Blich (reappointed)

Motion made by Mayor Bradley that the Pedestrian and Bicycle Safety Board appointments are accepted as presented; seconded by Commissioner Cooper and carried unanimously with a 5-0 vote.

Planning and Zoning Board

George Livingston (alternate promoted to regular member)
James Johnston
Peter Gottfried
Randall Slocum

Motion made by Mayor Bradley that the Planning and Zoning Board appointments are accepted as presented. Commissioner Cooper requested that they vote for these individuals separately. Mayor Bradley denied the request. **Seconded by Commissioner Leary. The motion carried with a 3-2 vote with Commissioners Cooper and McMacken voting no.**

Commissioner Cooper expressed that she is uncomfortable that the Mayor is not allowing the opportunity for discussion on the individual members. She stated she hates to have to vote against an entire slate of people because of one appointment that she would like to reconsider. She asked that the Chair reconsider that ruling. Mayor Bradley stated they initially asked that these be appointed by board so that is what they are doing. He stated if they have specific names they want to bring up, they can discuss it and either vote yes or no.

Tree Preservation Board

Anthony Gray

Motion made by Mayor Bradley that the Tree Preservation Board appointment is accepted as presented and that the other appointments come according to service from the other boards (P&Z, P&R and BOA).

Commissioner Cooper explained that Phil Eschbach was advised that he was not coming up for reappointment which is why he did not reapply and that he sent in his application today. She stated he filled the partial term of someone else which caused the confusion and that Mr. Eschbach is currently on the board and would like to continue on the board. Mayor Bradley stated he is not appointing Mr. Gray to Mr. Eschbach's position so this can be dealt with. **Seconded by Commissioner Sprinkel and carried unanimously with a 5-0 vote.**

Utilities Advisory Board

Mike (Macauley) Whiting, Jr.

Motion made by Mayor Bradley that the Utilities Advisory Board appointment is accepted as presented; seconded by Commissioner Cooper. Commissioner Cooper recommended that the current Chair Greg Seidel be reappointed to that second slot. Mayor Bradley stated that there are three great candidates that could fill that position and depending on what happens with the other boards may determine that. **The motion carried unanimously with a 5-0 vote.**

Police Pension Board

Robert Harvie (reappointed)

Motion made by Mayor Bradley that the Police Pension Board appointment is accepted as presented; seconded by Commissioner Cooper and carried unanimously with a 5-0 vote.

Other individuals removed from boards:

Mayor Bradley stated there are three individuals that for various reasons have come to his attention (attendance, no longer residing in the City and for other circumstances) that he is going to remove from the boards.

Motion made by Mayor Bradley to remove Herb Weiss from the Parks and Recreation Board, Wendell Hays (moved from the City) and Yovannie Storms (meeting attendance) from the Environmental Review Board. Seconded by Commissioner Leary. The motion carried with a 4-1 vote with Commissioner McMacken voting no. Mayor Bradley stated those openings will be dealt with at the next meeting.

Upon completion of the appointments, Commissioner Cooper made her recommendations as follows:

CRA Advisory Board – Scott Callahan. Mayor Bradley stated he received his application after his list was sent out and will consider Mr. Callahan.

Historic Preservation – Margie Bridges. She stated Ms. Bridges has been involved in historic preservation for a long time and asked that she be given consideration to serve on this board. Mayor Bradley stated he has considered this and will not be reappointing her.

Parks and Recreation Board – Frank Baker. She stated that he wants to be reconsidered.

Planning and Zoning Board – Michael Dick. She stated he has served that board well and asked that he be reconsidered.

Commissioner Leary suggested the consideration of: Community Redevelopment Advisory Board – Daniel Buck

City Manager's Report

City Manager Knight provided a summary of the Legislative Session that just ended and mentioned that the pension bill did not go as far as they had requested especially in regards to being able to negotiate changes and not have it impact the 175/185 money. There is more tax reform that will be on the ballot to determine whether or not the Save Our Homes type of exemption will now extend to non-homesteaded properties which would be a 5% annual cap versus a 3%; and the red light camera repeal did not pass the Senate. He also mentioned that this week Bill Peebles will be meeting individually with those Commissioners who were available to provide a more specific update.

Commissioner Cooper asked Mr. Knight if he could provide her with the specific numbers on the pension bill; he acknowledged. Commissioner McMacken asked if they will be receiving an update on the 90 day plan. There was consensus to bring this forward as an Action Item for the next meeting.

City Attorney's Report

Attorney Brown reminded the Commission that there is an Executive Session scheduled for the end of today's meeting.

Attorney Brown advised that just before the start of this meeting he received a summary of the Growth Management Bill (HB 2707) and provided a copy. He believes this information was prepared by one of the interested groups that were promoting it.

Mayor Bradley advised that the Commission will be going to Washington D.C. on May 24 and 25, 2011 to continue their efforts and to show representation and support on many budget initiatives.

Non-Action Items

No items to report.

Consent Agenda

- a. Approve the minutes of 4/25/11. – **PULLED FROM CONSENT AGENDA FOR DISCUSSION – SEE BELOW**
- b. Approve award of IFB-15-2011, Purchase of Clay Street Brick Pavers to Brick America.
- c. Approve the following purchases and contracts:
 1. PR 146628 to Hufcor Florida Group for the owner direct purchase of smoke and fire curtain for the Community Center; \$56,515.20
 2. Deduct Change Order COR-011 to Community Center contract (RFQ-17-2009) with Turner Construction Company and authorize the Mayor to execute the change order document; deduct \$735,625.91 against the contract price

3. Products and services agreement with CenturyLink Sales Solutions, Inc. to replace an existing telecommunications circuit and authorize the Mayor to execute the agreement; decrease monthly circuit invoice by \$1,731
4. Task Order 2010-01 Amendment 1, Fairbanks Corridor Wastewater Collection & Transmission System Re-Design
- d. Approve the conceptual plans of the Mead Garden upper terrace patio development and recommend proceeding with the construction and development of the approved terrace area with \$35,000 of grant funding as presented and approved by the City Commission during the April 11, 2011 Commission meeting. – **PULLED FROM CONSENT AGENDA FOR DISCUSSION – SEE BELOW**
- e. Approve the Memorandum of Understanding with the City of Orlando Fire Department for the purpose of developing a special operations response and training system. – **PULLED FROM CONSENT AGENDA FOR DISCUSSION – SEE BELOW**

Motion made by Commissioner Cooper to approve Consent Agenda Items ‘b’ and c-‘1-4’; seconded by Commissioner Sprinkel and carried unanimously with a 5-0 vote.

Consent Agenda Item ‘a’ – Approve the minutes of 4/25/11:

Commissioner Cooper referenced page 3, second paragraph which reads “Commissioner Cooper recalled they should bring in the best development minds in the community to help them figure out how we could build City Hall and the library at no cost to the citizens. She indicated that these discussions are acceptable; however, she wanted to ensure that they are very public and to allow citizens the opportunity to participate and understand what they are considering.” Commissioner Cooper indicated that she clearly said that she opposed that initiative and that she was in the minority. She said she would like the minutes to either say that she was opposed and remove “the discussions are acceptable” or have a verbatim on that paragraph. Mayor Bradley agreed that the Clerk should review the audio and provide a verbatim to be made part of the minutes.

Motion made by Commissioner Cooper to approve Consent Agenda Item ‘a’ with the adjustment that this be accepted with a verbatim translation of that particular paragraph; seconded by Commissioner Sprinkel and carried unanimously with a 5-0 vote.

Consent Agenda Item ‘d’ - Approve the conceptual plans of the Mead Garden upper terrace patio development and recommend proceeding with the construction and development of the approved terrace area with \$35,000 of grant funding as presented and approved by the City Commission during the April 11, 2011 Commission meeting.

Commissioner McMacken asked if they are following the normal process and putting together a set of construction documents for review and approval by the City. Parks and Recreation Director John Holland explained that there is oversight by the City and a significant amount of the project is being handled by field engineering.

Mead Gardens Representative Jeffrey Blydenburgh explained that work is being done through Winter Park Construction as the Construction Manager and as drawings are being developed they will come through the City for permitting. He also advised that they will have the necessary insurance in place.

Commissioner Cooper said she wants to make sure that any drawings for any construction on this land go through the proper process in the City. Mr. Blydenburgh acknowledged. She said now that they are spending the money she would like to see a rough budget for the \$150,000 and how they intend to allocate each part of it. Mr. Blydenburgh acknowledged her request and explained that \$35,000 is going to the upper terrace area and \$115,000 is going towards a combination of work on the existing amphi-theatre and the entry way. He said what they are asking for now is the ability for the \$35,000 to be spent.

Motion made by Commissioner McMacken to approve Consent Agenda Item 'd' with the amendment that they will provide a rough order of magnitude budget for the remaining monies that were allocated out of the \$150,000; seconded by Commissioner Cooper and carried unanimously with a 5-0 vote.

Consent Agenda Item 'e' - Approve the Memorandum of Understanding with the City of Orlando Fire Department for the purpose of developing a special operations response and training system.

Mayor Bradley indicated that the City Attorney approval box was not checked on the title sheet for this item and asked if the City Attorney has reviewed this contract before it came to them for approval. Attorney Brown said yes.

Motion made by Mayor Bradley to approve Consent Agenda Item 'e'; seconded by Commissioner Leary and carried unanimously with a 5-0 vote.

Action Items Requiring Discussion:

a. Banner Policy Changes

CRA Director Dori DeBord explained that this item came up in conversation with the Parks and Recreation Department. She noted that the banner policy has traditionally been under the purview of the Parks and Recreation Department as it related primarily to banner treatments next to Central Park. With banners now able to be hung on Orange, New England, Pennsylvania, Park, and all of Morse Blvd, the Parks Board voted to turn over the Banner Policy and implementation to the Economic Development Department. She said they took it to the Economic Development Advisory Board and they asked them to craft a policy and voted to approve that policy and bring it forward to the Commission.

Ms. DeBord addressed the policy being very similar to what the Parks Department had with several exceptions: 1) they recognize the banners for current events that are not sponsored by the City such as the Cornell Museum; 2) the banners are not paying for the upkeep, removal and replacement so the fees have been modified; 3) that this would be a one-stop shopping opportunity and rather than take it to an advisory board, the Economic Development Director would have the ability to approve the banners given the guidelines and time periods that are outlined. She advised that the only exception to the banner policy that they would like to make is to allow the Morse Museum to keep their 6 banner poles up year round so they can change those poles based on the exhibits. They would still come in for approval of the banners but they would not fall under the 30 day requirement of taking down the banners and re-putting them up.

Motion made by Commissioner McMacken to approve the Banner Policy changes; seconded by Commissioner Leary.

Commissioner McMacken asked if the 45 day application process is enough time for someone to submit their application, obtain approval and manufacture a banner and install it. He also wanted to know how many events are grandfathered into this. Ms. DeBord said 'yes' 45 days is enough time and there are 10 events.

Commissioner Cooper asked if they talked with the Morse Museum. Ms. DeBord said 'yes' they notified the proper individuals and spoke with them and they understand the logic of this. Commissioner Cooper then requested that the City Attorney look at the policy because she wants to make certain that they are not putting anything in place that will set up an entitlement to display something that they may or may not want displayed. Attorney Brown acknowledged.

Commissioner Sprinkel said she had a hard time with this item until she spoke with Ms. DeBord who fully explained the cost associated with the banners and the safeguards that are built into this policy. She advised that she is now much more comfortable with this item but wants to make sure they do not have too many banners and that they have uniformity.

Upon a roll call vote, Mayor Bradley and Commissioners Leary, Sprinkel, Cooper and McMacken voted yes. The motion carried unanimously with a 5-0 vote.

b. Nuclear Electric Insurance Limited (NEIL) refunds

Electric Utility Director Jerry Warren provided background. Prior to January 1, 2011, the City purchased its wholesale power through an "all-requirements" contract with Progress Energy Florida (PEF). Through that contract, PEF provided the City's power supply from all of its generating assets including PEF's Crystal River 3 Nuclear Plant (CR-3). Near the end of September 2009, PEF took CR-3 out of service to replace the plant's 30+ year old steam generators. Since the steam generators are located inside the plant's concrete containment dome, a large opening had to be cut through the dome to allow removal of the old steam generators and installation of the new steam generators.

During the process of cutting through the containment dome, delaminations in the concrete were discovered. As a result, CR-3 was out of service for the last three months of 2009 and all 12 months of 2010. As of this date CR-3 remains out of service. PEF has a replacement power insurance policy through Nuclear Electric Insurance Limited that helps to cover the increased cost of PEF's replacement power resulting from a CR-3 extended outage. Increases in PEF's cost of power resulted in the City of Winter Park and its electric customers paying more for its wholesale power over the 15 month period October 2009-December 31, 2010. Increases are passed through to Winter Park through the fuel adjustment mechanism.

Beginning January 1, 2011, the City's new contracts with Seminole Electric Cooperative and PEF replaced the PEF all-requirements contract that expired December 31, 2010. Under the new contract PEF provides 40 MW of natural gas-fired combined cycle capacity and no longer provides power to the City from CR-3. If PEF receives future NEIL refunds for the period beyond January 1, 2011, the City will not receive a pro rata share of those refunds.

To date, the City has received \$1,183,763 of NEIL refunds. This amount covers the period through October 2010. The City expects to receive another \$300,000 - \$400,000 as its share of the November and December 2010 refunds. This will bring the City's total share of the NEIL refunds to approximately \$1.5 million.

Mr. Warren advised that the Utilities Advisory Board (UAB) is recommending the return of the balance of the NEIL refunds, approximately \$1 million over the summer fuel adjustment period July – September will reduce customers' bills by approximately \$8 per 1,000 kWh. For a 1,000 kWh residential customer this will amount to approximately a 7% reduction. For commercial customers it will result in a 7-9% reduction depending on rate classification and usage characteristics. The UAB also recommended retaining \$500,000 of the refunds to establish a fuel adjustment stabilization fund.

Motion made by Commissioner Leary to approve the recommendation of the Utilities Advisory Board for the Nuclear Electric Insurance Limited refunds; seconded by Commissioner Sprinkel.

Mayor Bradley said he supports this but reminded everyone that they still owe the City approximately \$2.5 million and that maybe with some of the other savings they received from this contract, they consider paying this off sooner.

Pete Weldon, 700 Via Lombardy, indicated that this is a great idea and cheered them on.

Upon a roll call vote, Mayor Bradley and Commissioners Leary, Sprinkel, Cooper and McMacken voted yes. The motion carried unanimously with a 5-0 vote.

c. Task Force regarding the construction of a new City Hall and Library

City Manager Knight explained that during the recent strategic planning sessions the City Commission discussed establishing a public venues task force to explore a long-term solution for City Hall and the library without increasing the tax burden. It was suggested that at least one member should be an economist.

The selection process followed for the Charter Review Task Force was addressed and suggested to use the same type of selection process whereby the Mayor and each Commissioner appointed one member and two additional members were selected at large. Mr. Knight advised that there are numerous alternative ways to appoint the members as well as various options for the size of the task force. The City could also utilize an existing board for this process such as the Economic Development Advisory Board or another option would be to keep this an informal task force and staff could take the lead with various individuals in the community that could help with the process.

Discussion ensued as to which advisory board(s) should be used to help with this task, if they include members of the community, the need for staff involvement, advisory board review, what opportunities are available, what the specific needs are, if they look at specific buildings or all public buildings, the associated costs and how far do they look into the future, i.e., 5 or 10 years.

Commissioner Cooper felt there are some questions that need to be answered by both the citizens and themselves and suggested it be done during the Community Conversations forums. She felt it would be helpful so they can provide the task force with some parameters and clear direction on what they believe is important. Her four questions were: Do our citizens want City Hall to remain in its current location; do our citizens want the library to remain in its current location; is it important to the City and the citizens that City Hall be a standalone facility or can they look at adding a little retail along the Avenue; and are they interested in sharing ownership.

Commissioner Sprinkel said these are great questions but did not agree that they should be asking these questions at the forums; this is a visionary process and if they know the answers and have the results there is no need with having a task force provide a long term outlook for the City. She said instead of coming up with questions and rules she would prefer that they come up with 'out of the box' ideas and suggestions with the help of other individuals and concentrate on the visioning for the future.

Motion made by Commissioner Leary for staff to present a 10 year City facilities needs proposal to the City Commission; seconded by Mayor Bradley.

Commissioner Sprinkel indicated that the current motion does not address what transpired in their Strategic Planning meeting and asked how can they come up with 'out of the box' ideas without having outside individuals help us. Commissioner Leary said we need to start some place and have structure, then invite those people with ideas and go from there. Mayor Bradley agreed that they need to start somewhere and suggested the first step should be a 10-15 year visioning and once that is accomplished they can then have a creative process that involves others to try and implement the vision. Commissioner Cooper indicated that she is very supportive of the idea that Mr. Knight presented but relative to the second part of the idea she prefers the formal task force where each Commissioner appoints someone to that committee.

Motion amended by Commissioner Cooper that they also address the four questions that she broached for their upcoming Community Conversations with our citizens. Commissioner McMacken said his understanding of the Community Conversations is that they are not directing questions to the community but rather listening to the citizens. **Commissioner Cooper withdrew her motion until they have more information.**

Woody Woodall, 328 N. Park Avenue said he does not like the idea with City Hall having joint ownership or building retail stores because currently there is enough competition in the area.

Joe Terranova, 700 Melrose Avenue, said so many of the questions they have raised have already been looked at. He said years of studies have been conducted in terms of where the City Hall should be located, how big it should be, and whether to have a commercial attachment or not. He suggested that they obtain copies of this information so they can look at all the facts and perhaps bring it up to date. He noted that it is not too early to be considering these items now since it will take a few years for approval and then at least another 10 years to complete.

Upon a roll call vote, Mayor Bradley and Commissioners Leary, Sprinkel, Cooper and McMacken voted yes. The motion carried unanimously with a 5-0 vote.

Public Comments

1. Woody Woodall, 328 N. Park Avenue spoke about the repaving of East Morse Boulevard and encouraged the City to find the money so they can make it a first class project.
2. Eileen Duva, 311 E. Morse Boulevard spoke about the East Morse Boulevard improvements and indicated that the black asphalt and roadwork is a mess. She asked the City to refrain from any work until the budget allows for this project to be first class.

City Manager Knight explained that this project is not in the City's five year capital plan. It is a project that was requested last year by Ms. Duva and the City sent out a survey to the neighbors last year as to whether or not they were willing to be assessed for their share of the project like the City does for other bricking projects that impact residential properties. The survey responses received from the Whispering Waters and Cloister residents were against being assessed for the project. He also noted that some of the streetscapes that have taken place within the CRA have been assessed to the commercial property owners and few were paid by the CRA out of the tax increment money from the CRA.

Mr. Knight noted that they are about a year behind in repaving as they had to put it off due to the current situation and they really do not want to put it off any longer because the road base will erode which will be more costly to repave. He explained that if this is a project that the Commission would like to move forward with then they would need to find the money by either eliminating another project or obtain the funds from some other source. There was consensus to bring this forward as an Action Item for Discussion for the next meeting.

3. Joe Terranova, 700 Melrose Avenue, felt the project should be done and that everyone should be paying their fair share including the residents and the commercial business.
4. Andrew Jordan, 1000 S. Semoran Boulevard, said he is proud to be a City utilities service employee for the past 5 years. He felt they should be given the same rights as police and firefighters who are unionized and the same opportunity to have a seat at the negotiating table.
5. Angus Black, City utilities worker for over 20 years, said they have not received raises in over 3-4 years and longevity bonuses have been eliminated. He said the City has hired a firm to try and keep them from wanting to be unionized and does not agree with this. He said there are a lot of City employees, including himself that want to be part of a union and they should be allowed.
6. Sally Flynn, 1400 Highland Road, spoke about the board appointments and disagreed that certain individuals were not being allowed to serve on a board of their choice.
7. Pat McDonald, 2348 Summerfield Road, suggested that they establish criteria for board appointments, reappointments and for the removal of board members.
8. Lurline Fletcher, 790 Lyman Avenue, spoke about the extension of alcohol sales and asked the Commission to consider the numerous senior citizens and children in this residential area when making their decision. She also requested that the City clean up

the construction debris at the State Office Building property because it makes the Westside look horrible.

A recess was taken from 5:31 p.m. to 5:54 p.m.

d. Advisory Board master ordinance

Motion made by Mayor Bradley to approve the proposed ordinance to go forward to first reading with the change that all boards be at least a minimum of 7 members plus 1 alternate; seconded by Commissioner Leary.

Mayor Bradley said there has been a tremendous amount of work and conversation that has taken place over the years starting back in January 2009 continuing through this year. He said this issue has been vetted through multiple channels and that all of the boards, public and the Commission have had ample opportunities to weigh in on some of the changes in the creation of an omnibus ordinance for advisory boards.

Mayor Bradley indicated that he supports the ordinance but noted that there are some things he does not like such as some of the wording or verbiage but he believes this is a good step going forward. He commended staff and the City Attorney for their hard work and efforts to bring it to this point.

Commissioner Sprinkel agreed that this is a wonderful first step in putting everything in one place and commended everyone for their efforts.

Motion amended by Commissioner Cooper to reject the alternative regarding consolidation of all quasi-judicial decision makings into a single board. Mayor Bradley asked if the proposed ordinance summarizes everything into one quasi-judicial board because this amendment says not to do that. Attorney Brown said no, it does not do that. **Commissioner Cooper withdrew her motion.**

Motion amended by Mayor Bradley that the quasi-judicial functions of the Historical Preservation Board, the Tree Preservation Board and the Lakes Board be consolidated to the Code Enforcement Board; seconded by Commissioner Leary.

Motion amended by Commissioner Cooper that they maintain a residency requirement for all boards (Commissioner Cooper clarified that unless there is a statute that requires otherwise); seconded by Commissioner McMacken.

Motion amended by Commissioner Cooper that all quasi-judicial boards or their associated subsidiary advisory boards be allowed removal for cause as opposed to serving at the will of the Commission. Motion failed for lack of a second.

Motion amended by Commissioner Cooper to appoint alternates to the first position vacated unless the regular board member is reappointed to their seat. Motion failed for lack of a second.

Motion amended by Commissioner Cooper that they limit the maximum number of times a member can participate by phone after which he has counted absent; seconded by

Commissioner McMacken. Mayor Bradley asked what the number should be. Commissioner Cooper said she is leaving that number up to staff.

Motion amended by Commissioner Cooper that they limit the maximum number of times a member can be absent in a 12 month period. She said the way it is now they can be absent 3 times in a row and come back 1 time and do that repeatedly. She also noted that she would leave the specific number up to staff. **Seconded by Commissioner McMacken.**

Motion amended by Commissioner Cooper that they maintain term limits at 2 terms which they currently have for all boards unless there is a statutory reason otherwise. Mayor Bradley ruled that this amendment is out of order since it is stated in the ordinance. **Commissioner Cooper withdrew her motion.**

Motion amended by Commissioner Cooper that Historic Preservation Commission be a standalone quasi-judicial capacity (because that is the reason they were created); seconded by Commissioner McMacken.

Motion amended by Commissioner Cooper to keep the members of Boards as they currently are. Motion failed for lack of a second.

Motion amended by Commissioner McMacken to amend Section 2, Division 2, 'F' 'Vacancies' to add: "and that those nominations be presented to the Commission within 60 days of the vacancy occurring"; seconded by Commissioner Cooper. Mayor Bradley asked what would happen if it was inside of the 60 days because they currently have in the ordinance that it can go to the next meeting. Commissioner McMacken clarified and said it could go to the next meeting if it falls within anything short of that. Mayor Bradley asked if it is 61 days then he would want it to be done with that amendment. Commissioner McMacken said yes.

Motion amended by Commissioner McMacken to amend Section 2, Division 2, 'M' 'Evaluation Process' so that it says: "The evaluation process shall be on the basis of a standard City format to be developed for each board"; seconded by Mayor Bradley.

Motion amended by Commissioner McMacken to amend Section 2, Division 3, 'H' 'Economic Development Advisory Board', #2 Advisory Board and delete the second sentence which reads: "This Advisory Board shall also review proposed comprehensive plan amendments pertaining to economic development, and shall provide direction and advice to the City Commission regarding the same."; seconded by Commissioner Leary.

Commissioner McMacken referenced Section 2, Division 2, 'R' Planning and Zoning (P&Z) Board. He mentioned that they have requirements for the Historic Preservation, the Arts Board and many other boards; however, they do not list any potential requirements for being on the P&Z Board which is one of the more technical boards. He commented that he will present potential requirements for being on the P&Z Board at the next meeting.

Commissioner Cooper spoke about removal for cause and referenced the statement that board members can be removed by the will of the Commission. She explained the code for quasi-judicial boards whereby the Planning and Zoning, Stormwater Board of Appeals, Code Enforcement Board and the Board of Adjustment all had very specific language saying that

those board members could only be removed for cause. She indicated that she does not want our quasi-judicial boards to live under the threat of being removed from their positions just because they apply a code or because they do not approve a development or variance. She said it seems like those are decisions of law and they should not be subject to the will of the Commission.

Commissioner Cooper asked Attorney Brown for clarity regarding Florida Statute 112.501. Attorney Brown clarified that Florida Statute 112.501 says that unless the City Charter provides otherwise this is the procedure for removing a subsidiary board member for cause. It does not say that a City may not have a without cause removal process. He further explained that cities have home rule authority and may take any action for municipal purposes except as expressly prohibited by general law or the constitution and 112.501 does not expressly prohibit a without cause removal process.

Commissioner Sprinkel commented that it would be helpful to everyone to have the same rule or law for all boards. She believed that they should not change it for one board or the other.

Pete Weldon, 700 Via Lombardy, recommended that the Commission take more thought on these issues before finalizing the ordinance. He said the citizens deserve to have clear rules.

Patrick Chapin, 151 W. Lyman, disagreed with the amendment regarding residency requirements especially since there are numerous non-City residents that contribute to this community in a lot of different ways. He feels that it is very important to have representation from those individuals.

Greg Seidel, 1250 Richmond Road, indicated that he is in favor of keeping 9 members on the Utilities Advisory Board.

Joe Terranova, 700 Melrose Avenue, said he is favor of a simple at will ruling regarding the removal for cause.

Pat McDonald, 2348 Summerfield Road, said it is critical that quasi-judicial boards only be removed for cause.

Upon a roll call vote on the amendment (that the quasi judicial functions of the Historical Preservation Board, the Tree Preservation Board and the Lakes Board be consolidated to the Code Enforcement Board); Mayor Bradley and Commissioner Leary voted yes. Commissioners Sprinkel, Cooper and McMacken voted no. The motion failed with a 3-2 vote.

Upon a roll call vote on the amendment (that they maintain a residency requirement for all boards unless there is a statute that requires otherwise); Mayor Bradley and Commissioners Leary, Sprinkel and McMacken voted no. Commissioner Cooper voted yes. The motion failed with a 4-1 vote.

Upon a roll call vote on the amendment (that they limit the maximum number of times a member can participate by phone after which he has counted absent); Mayor Bradley and Commissioners Leary and Sprinkel voted no. Commissioners McMacken and Cooper voted yes. The motion failed with a 3-2 vote.

Upon a roll call vote on the amendment (that they limit the maximum number of times a member can be absent in a 12 month period); Mayor Bradley and Commissioners Leary and Sprinkel voted no. Commissioners McMacken and Cooper voted yes. The motion failed with a 3-2 vote.

Upon a roll call vote on the amendment (that Historic Preservation Commission be a standalone quasi-judicial capacity). It was noted that since the other amendment failed so this item is not necessary. This amendment was ruled mute.

Upon a roll call vote on the amendment (to amend Section 2, Division 2, 'F' 'Vacancies' to add "and that those nominations be presented to the Commission within 60 days of the vacancy occurring");); Mayor Bradley and Commissioners Leary and Sprinkel voted no. Commissioners McMacken and Cooper voted yes. The motion failed with a 3-2 vote.

Upon a roll call vote on the amendment (to amend Section 2, Division 2, 'M' Evaluation Process so that it says "The evaluation process shall be on the basis of a standard City format to be developed for each board"); Mayor Bradley and Commissioners Sprinkel, Cooper and McMacken voted yes. Commissioner Leary voted no. The motion carried with a 4-1 vote.

Upon a roll call vote on the amendment (to amend Section 2, Division 3, 'H' Economic Development Advisory Board, #2 Advisory Board and delete the second sentence which reads "This Advisory Board shall also review proposed comprehensive plan amendments pertaining to economic development, and shall provide direction and advice to the City Commission regarding the same."); Mayor Bradley voted no. Commissioners Leary, Sprinkel, Cooper and McMacken voted yes. The motion carried with a 4-1 vote.

Upon a roll call vote on the main motion as amended (to approve the proposed ordinance to go forward to first reading with the change that all boards be at least a minimum of 7 members plus 1 alternate) (to amend Section 2, Division 2, 'M' Evaluation Process so that it says "The evaluation process shall be on the basis of a standard City format to be developed for each board") (to amend Section 2, Division 3, 'H' Economic Development Advisory Board, #2 Advisory Board and delete the second sentence which reads "This Advisory Board shall also review proposed comprehensive plan amendments pertaining to economic development, and shall provide direction and advice to the City Commission regarding the same."); Mayor Bradley and Commissioners Leary, Sprinkel and McMacken voted yes. Commissioner Cooper voted no. The motion carried with a 4-1 vote.

Public Hearings

- a. AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA, AMENDING CHAPTER 58 "LAND DEVELOPMENT CODE" ARTICLE III, "ZONING" SECTION 58-90 "CONDITIONAL USES", SO AS TO REVISE APPLICATION SUBMITTAL REQUIREMENTS AND APPROVAL PROCEDURES FOR CONDITIONAL USES, REVISE THE STANDARDS FOR DRIVE-IN CONDITIONAL USES, PROVIDING FOR SEVERABILITY, CONFLICTS, PROVIDING AN EFFECTIVE DATE. First Reading

This item was tabled until sometime in June once the Conditional Use process is completed.

- b. ORDINANCE NO. 2841-11: AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA, AUTHORIZING THE REFUNDING OF THE OUTSTANDING GENERAL OBLIGATION BONDS, SERIES 2001, OF THE CITY; PROVIDING FOR THE PAYMENT OF SUCH BONDS FROM AD VALOREM TAXES OF THE CITY LEVIED WITHOUT LIMITATION AS TO RATE OR AMOUNT ON ALL TAXABLE PROPERTY IN THE CITY; AND PROVIDING AN EFFECTIVE DATE.
Second Reading

Attorney Brown read the ordinance by title. No public comments were made. **Motion made by Commissioner McMacken to adopt the ordinance; seconded by Commissioner Sprinkel. Upon a roll call vote, Mayor Bradley and Commissioners Leary, Sprinkel, Cooper and McMacken voted yes. The motion carried unanimously with a 5-0 vote.**

- c. RESOLUTION NO. 2082-11: A RESOLUTION OF THE CITY OF WINTER PARK, FLORIDA AUTHORIZING THE ISSUANCE OF NOT EXCEEDING \$8,000,000 GENERAL OBLIGATION REFUNDING BONDS, SERIES 2011; TO REFUND ALL OF THE CITY'S OUTSTANDING GENERAL OBLIGATION BONDS, SERIES 2001; PROVIDING FOR THE PAYMENT OF SAID BONDS FROM AD VALOREM TAXATION WITHOUT LIMIT ON ALL TAXABLE PROPERTY IN THE CITY; MAKING CERTAIN COVENANTS AND AGREEMENTS IN CONNECTION THEREWITH; AUTHORIZING A COMPETITIVE BID AND APPROVING THE FORM OF THE OFFICIAL NOTICES OF SALE AND SUMMARY NOTICE OF SALE PERTAINING TO SUCH BONDS; MAKING CERTAIN PROVISIONS AND DELEGATING CERTAIN RESPONSIBILITIES WITH RESPECT TO THE NOTICE, BIDDING AND SALE OF THE BONDS; APPROVING THE FORM OF THE PRELIMINARY OFFICIAL STATEMENT AND CONTINUING DISCLOSURE CERTIFICATE; AUTHORIZING THE EXECUTION AND DELIVERY OF A FINAL OFFICIAL STATEMENT AND CONTINUING DISCLOSURE CERTIFICATE; APPOINTING A PAYING AGENT AND REGISTRAR AND ESCROW AGENT; APPROVING THE FORM OF A PAYING AGENT AND REGISTRAR AGREEMENT AND AN ESCROW DEPOSIT AGREEMENT; AND PROVIDING AN EFFECTIVE DATE.

Attorney Brown read the resolution by title. No public comments were made. **Motion made by Commissioner Leary to adopt the resolution; seconded by Commissioner McMacken.**

Commissioner Cooper asked about the \$10,000,000 cap for bank qualified tax exempt debt that was \$30,000,000 for 2010 and 2011. She stated she does not understand the difference between the facts that this debt will apply to that \$10,000,000 cap but if they want to refinance the \$16.9M Water and Sewer auction rate security bonds that they are paying default rates on that does not apply. Ken Artin, Bryant, Miller and Olive Law Firm serving as bond counsel to the City, explained that the rules of bank qualifications did change when the stimulus package ended the \$30,000,000 allowance which expired on 12/31/2011 of this year so we have a \$10,000,000 limit on the amount of debt that we can designate as bank qualified.

Jay Glover, Public Financial Management, clarified the following: the bank qualification would provide minimal savings on this refunding deal which will be a competitively bid public offering. We do not intend to offer these bonds as bank qualified. This will leave us more flexibility for other financing opportunities that may arise over the course of the year. He also updated the Commission by informing them that there has been an improvement in the market over the past 2 weeks and they are estimating approximately \$650,000 of net present value savings as of today which is about a 25 basis point improvement in market rates.

Upon a roll call vote, Mayor Bradley and Commissioners Leary, Sprinkel, Cooper and McMacken voted yes. The motion carried unanimously with a 5-0 vote.

- d. RESOLUTION NO. 2083-11. A RESOLUTION TO ESTABLISH A "COMPLETE STREETS POLICY" TO INTEGRATE BICYCLING, WALKING, AND PUBLIC TRANSIT WITH THE CITY'S TRANSPORTATION PROGRAMS, PROJECTS, POLICY INITIATIVES, GOALS AND OBJECTIVES; PRESENTING GUIDELINES FOR ROUTINELY INCORPORATING COMPLETE STREETS INTO PRACTICE AND TO REPORT ANNUALLY ON COMPLETE STREETS IMPLEMENTATION.

Attorney Brown read the resolution by title. No public comments were made.

Motion made by Mayor Bradley to adopt the resolution; seconded by Commissioner Sprinkel.

Motion amended by Commissioner Cooper to approve item 1 and 2 but that they do not approve item 3. Commissioner Cooper clarified that she is referencing the three board comments on the title sheet. (1. In the 4th Whereas paragraph specific streetnames were removed.; 2. In the Now, Therefore, Be It Resolved paragraph the words "complete" and "multimodal" were added in the sentence; 3. In the 1st Resolve paragraph the word "shall" replaced the word "should" twice, and the phrase "to the fullest extent possible" was added.) Commissioner Cooper further clarified that she would like to leave the wording as it was before. She said it used to say "should" and they have changed it to read "shall". She said the word shall is very directive in nature. Mayor Bradley asked the specific location in the document that she is speaking about. **Commissioner Cooper referenced Page 3, 4th paragraph and requested to change the two "shall" words to "should" in that paragraph; seconded by Commissioner McMacken.**

Motion amended by Commissioner McMacken referenced Page 3, 4th paragraph, 1st sentence to add the words "collector and arterial" so that the sentence reads "Resolved, that the City of Winter Park affirms that all collector and arterial road projects....."; Commissioner McMacken stated that he is concerned about taking a broad brush to this resolution and he would like to be more specific. Commissioner Cooper asked for more clarity regarding arterial and collector roads and if the changing of "shall" to "should" would address his concerns. Commissioner Leary noted that the word "considered" in the resolution provides for flexibility and feels that wording has more wiggle room. Attorney Brown explained that "should" is more flexible than "shall". **Commissioner McMacken withdrew the amendment.**

Patrick Chapin, 151 W. Lyman said the word "shall" was put in the resolution by the Pedestrian Bicycle Board and that he supports the resolution.

Upon a roll call vote on the amendment, Mayor Bradley voted no. Commissioners Leary, Sprinkel, Cooper and McMacken voted yes. The motion carried with a 4-1 vote.

Upon a roll call vote on the main motion as amended; Mayor Bradley and Commissioners Leary, Sprinkel, Cooper and McMacken voted yes. The motion carried unanimously with a 5-0 vote.

- e. RESOLUTION NO. 2084-11. A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF WINTER PARK, FLORIDA, RESOLVING THAT IT IS THE POLICY OF THE CITY OF WINTER PARK THAT CITIZEN MEMBERS OF BOARDS AND AUTHORITIES OF THE CITY OF WINTER PARK SHALL NOT HAVE THE RESPONSIBILITY OR AUTHORITY TO UNILATERALLY ENFORCE PERCEIVED MUNICIPAL CODE VIOLATIONS.

Attorney Brown read the resolution by title. No public comments were made.

Motion made by Commissioner Cooper to adopt the resolution; seconded by Commissioner Leary.

Motion amended by Mayor Bradley that a Section 9 be added that reads “Board members unless they are acting with the official authority of their board should not use their titles in written or other communication; seconded by Commissioner Leary. Commissioner Cooper wanted to confirm that that they are telling people that they cannot sign their signature and their board capacity. Mayor Bradley clarified his motion by explaining unless they are acting in the official capacity of the board.

Motion amended by Commissioner Cooper that any correspondence that goes out from any member of a board state very specifically on it that they are speaking as a private resident and they are not speaking on behalf of the board; seconded by Commissioner McMacken. Mayor Bradley stated that his only concern with this amendment is that it may or may not be published as it may not state that in the body of their work.

Upon a roll call vote on the amendment (that a Section 9 be added that reads “Board members unless they are acting with the official authority of their board should not use their titles in written or other communication); Mayor Bradley and Commissioners Leary and Sprinkel voted yes. Commissioners McMacken and Cooper voted no. The motion carried with a 3-2 vote.

Upon a roll call vote on the amendment (that any correspondence that goes out from any member of a board state very specifically on it that they are speaking as a private resident and they are not speaking on behalf of the board); Mayor Bradley and Commissioners Leary, McMacken and Cooper voted yes. Commissioner Sprinkel voted no. The motion carried with a 4-1 vote.

Upon a roll call vote on the resolution as amended (that a Section 9 be added that reads “Board members unless they are acting with the official authority of their board should not use their titles in written or other communication); (that any correspondence that goes out from any member of a board state very specifically on it that they are speaking as a private resident and they are not speaking on behalf of the board); Mayor Bradley and Commissioners Leary, Sprinkel, Cooper and McMacken voted yes. The motion carried unanimously with a 5-0 vote.

- f. AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA RELATING TO THE ADOPTION OF A POLICY FOR COMPLIANCE WITH FLORIDA'S PUBLIC RECORDS ACT; PROVIDING FOR CODIFICATION, CONFLICTS AND AN EFFECTIVE DATE. First Reading

Attorney Brown read the ordinance by title. No public comments were made. **Motion made by Commissioner Leary to accept the ordinance on first reading; seconded by Commissioner McMacken.**

Commissioner Cooper asked what transpired that generated the need for this policy. Attorney Brown noted that the City of Maitland has a policy on Chapter 119 and he furnished that

information to City Clerk, Cynthia Bonham and City Manager Knight. He explained that Ms. Bonham is the person who takes the lead on Chapter 119 compliance and requested his assistance in establishing a similar policy/ordinance for the City due to the increasing demands for public records requests.

Commissioner Cooper requested that any requests for public records be a written request. Attorney Brown said the law provides otherwise. She asked if the law states that if documents are easily retrieved and readily available there should be no charge unless there is a substantial amount of copies. Attorney Brown clarified that you may charge the actual labor costs involved if the request generates extraordinary administrative or clerical work. The law also says you may always charge 15 cents for a single sided copy, 20 cents for double sided standard copy and actual cost for things like blueprints. Commissioner Cooper wanted the City to be consistent in charging people for public records requests and suggested that they have a policy across the board that states that we always charge.

Motion amended by Commissioner Cooper to amend Exhibit A, Page 3, Item 4, B, (1) 'e' to have a standard provision by which we always charge for public records requests; seconded by Commissioner McMacken.

Commissioner Sprinkel noted that she questioned this item. It was explained to her that we did have those labor charges already in there. She did not think we need to add this but she believes that it should be equitably used across the board. Commissioner Cooper clarified that she is going one more step that says we always charge at least for the cost of copies. Commissioner Leary asked if this information is going in the ordinance. Attorney Brown clarified that it would be included in the policy which is attached to it as Exhibit "A".

City Manager Knight explained that the City uses discretion in certain situations such as for a single copy cost of \$.15 but if she is telling staff not to use discretion on those matters we will charge every time. Commissioner Cooper said 'no', I don't know that I am doing that. Attorney Brown suggested including language such as the City Manager may exercise his discretion to waive the copy charge if there is no extraordinary time spent in complying and the charge would be less than a certain monetary amount. He noted that similar verbiage will be included for their review at the second reading of this ordinance.

City Clerk Cynthia Bonham explained that she spoke with Attorney Brown regarding page 2, 3rd paragraph, 3rd sentence of the Public Records Policy which reads "No benefits multiplier shall be added to the labor charge." Ms. Bonham advised that the law does permit it and requested that it be changed to say that it will be allowed. Mayor Bradley asked if that language is in the ordinance or the policy. Ms. Bonham indicated that the language is in the policy which is part of the ordinance.

As the maker of the original motion, Commissioner Leary accepted to modify the language pertaining to the multiplier (The benefits multiplier shall be added to the labor charge); seconded by Commissioner McMacken.

Upon a roll call vote on the amendment (to amend Exhibit A, Page 3, Item 4, B, (1) 'e' to have a standard provision by which we always charge for public records requests); Mayor Bradley and Commissioners Leary, Sprinkel and McMacken voted yes. The motion carried with a 4-0 vote. (Commissioner Cooper was absent).

Upon a roll call vote on the ordinance as amended (The benefits multiplier shall be added to the labor charge); (to amend Exhibit A, Page 3, Item 4, B, (1) 'e' to have a standard provision by which we always charge for public records requests); Mayor Bradley and Commissioners Leary, Sprinkel and McMacken voted yes. The motion carried with a 4-0 vote. (Commissioner Cooper was absent).

Commissioner Reports:

a. Commissioner Leary

Commissioner Leary stated that he was honored to attend and present a proclamation to the new Warner Chapel Primitive Baptist Church for the 60th Annual Observance of the National Day of Prayer last week on May 5. He commented that it was a wonderful celebration.

Commissioner Leary advised that there are numerous members of our community that are involved in the Make a Wish Foundation where the average wish costs \$7,000. Two weekends ago he attended the Orlando event where they had over 820 people attend and raised over \$330,000 allowing them to make a lot of wishes come true. He commended everyone for their outstanding efforts for this great cause.

b. Commissioner Sprinkel

Commissioner Sprinkel advised that she attended the Tampa Super Regional Leadership Conference last week and it was great to hear what is going on in the area.

Commissioner Sprinkel mentioned the upcoming Community Conversations and advised that she will be able to attend at least one or two of the dates and is looking forward to it. City Manager Knight noted that according to the schedule to date they will have a Commissioner at each event.

Commissioner Sprinkel recommended that once they meet with Representative Bill Peebles for a legislative update that they should look at those items as a whole and the effects it might have on the City. There was consensus for City Manager Knight to provide a report on the new legislation for the first meeting in June. Mr. Knight acknowledged.

Commissioner Sprinkel advised that she has been contacted by a citizen in her neighborhood about an issue with the post office for some time regarding post office boxes and mail boxes. Mayor Bradley advised that City Manager Knight and Attorney Brown are currently working on this item and it will be forthcoming. Attorney Brown acknowledged and advised that he is currently working on the draft document.

c. Commissioner Cooper

Commissioner Cooper asked what is being planned for the announcement for the approval of the Historic Preservation designation. Communications Director Clarissa Howard said there will be a small article in the update and that Lindsey Hayes is meeting with the Historic Preservation Board this week to discuss this. Commissioner Cooper requested to be kept informed. Ms. Howard acknowledged.

1. Consideration of establishment of a Budget/Finance Advisory Board or Task Force

Commissioner Cooper asked for support to have someone other than the Commission look at the budget and other financial items before it comes to them. Commissioner Leary explained that we have paid consultants acting in an advisory capacity for our debt policy and those areas and city staff has the background and knowledge to brief them on other financial matters therefore he does not see the need for this. There was not a consensus to establish the task force.

d. Commissioner McMacken

Commissioner McMacken followed up on the construction staging going on at the State Office Building that Ms. Fletcher spoke about earlier and recommended that the City clean it up. There was consensus to clean up the property at this location.

e. Mayor Bradley

1. Mayor's 125th City anniversary task force (October 2012)

Mayor Bradley inquired about the official starting of our City so that next year we could have an official celebration or two celebrations since the City was founded in 1882 and incorporated in October 1887. There was consensus to have staff explore this and bring it back to the Commission. Commissioner Sprinkel requested that those individuals that applied for boards and were not appointed be considered for this task force. Mayor Bradley acknowledged the request.

2. Denning Avenue vision and form based code

Mayor Bradley proposed that as soon as the Fairbanks vision and form based code is complete that they hold off until they can see the product. Commissioner McMacken agreed.

3. Commission governance

Mayor Bradley agreed with Commissioner Sprinkel's comment last week and said it is a good point for them to remember. He quoted from the minutes: "Commissioner Sprinkel informed everyone that when she receives the agenda packet if she has questions she calls staff right away to ask her questions. She suggested that the other Commissioners do the same thing and to contact staff before the meetings if they have any questions." He feels this is an appropriate way for them to continue to govern and be prepared for their meetings and thanked each of them for their due diligence in preparation.

4. City governance: balanced score card creation and review

Mayor Bradley proposed that staff look at a balanced score card for a monthly review on items such as response time for EMS, budget position, CAIDI (customer average interruption duration index) and SAIDI (system average interruption duration index) and to have between 10-25 indicators. He deferred to staff to come up with these items and requested that it be a part of the budget process. He explained that in addition to the approval of the budget they would also look at key indicators that the City manages. There was consensus to bring this item forward.

Mayor Bradley advised City Manager Knight to converse with each of them for their top ten suggestions and to also converse with the advisory boards as they may have a few key items.

The meeting adjourned at 7:49 p.m.

The Executive Session commenced at 7:50 p.m. in Room 200 concerning settlement strategy and litigation expenses. The persons in attendance were City Attorney Brown, City Manager Knight, Mayor Bradley, Commissioners Leary, Sprinkel, Cooper and McMacken and the Court Reporter to discuss the pending lawsuit involving Club Harem. The meeting reconvened in Commission Chambers at 8:03 p.m. to take the following action:

Motion made by Commissioner McMacken to accept the recommendations of staff and City Attorney; seconded by Commissioner Leary. Upon a roll call vote. Mayor Bradley and Commissioners Leary, Sprinkel, Cooper and McMacken voted yes. The motion carried unanimously with a 5-0 vote.

The meeting adjourned at 8:04 p.m.

Mayor Kenneth W. Bradley

ATTEST:

City Clerk Cynthia S. Bonham



city commission agenda item

item type	Consent Agenda	meeting date	May 23, 2011
prepared by department division	Purchasing Division	approved by	<input checked="" type="checkbox"/> City Manager <input checked="" type="checkbox"/> City Attorney <input type="checkbox"/> N/A
board approval	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> N/A final vote		

subject

IFB-16-2011 Installation of Street Brick Pavers

motion | recommendation

Recommend Commission approve award to Extreme Pavers of Brevard, Inc.

background

April 8, 2011 – City issued bid

April 29, 2011 – Bids were opened and acknowledged. A total of three (3) bids were received, one (1) of which was deemed non-responsive. See attached bid tabulation.

alternatives | other considerations

Other bids received

fiscal impact

CIP Pavement/Bricking Projects

long-term impact

Re-bricking cycle for roadway projects is approximately 20-25 years

strategic objective

Quality development & redevelopment

IFB-16-2011 Bid Tabulation	Brick Paver Installation/ Sq. Ft.						Brick Prep Work		Repair/Sq. Ft.					
	Running Bond/Soldier Course		Herringbone/ Soldier Course		Basketweave/ Soldier Course		Hourly Rate		Running Bond/Soldier Course		Herringbone/ Soldier Course		Basketweave/ Soldier Course	
	less than 5000 sq. ft.	5000 sq. ft. or more	less than 5000 sq. ft.	5000 sq. ft. or more	less than 5000 sq. ft.	5000 sq. ft. or more	less than 8 hours	8 hours or more	less than 500 sq. ft.	500 sq. ft or more	less than 500 sq. ft.	500 sq. ft or more	less than 500 sq. ft.	500 sq. ft or more
Extreme Pavers	\$0.60	\$0.52	\$0.60	\$0.52	\$0.60	\$0.52	\$65.00	\$75.00	\$1.20	\$1.18	\$1.20	\$1.18	\$1.20	\$1.18
JD Construction Pros	\$0.65	\$0.60	\$0.65	\$0.60	\$0.65	\$0.60	\$65.00	\$60.00	\$1.23	\$1.20	\$1.23	\$1.20	\$1.23	\$1.20



city commission agenda item

item type	Consent Agenda	meeting date	May 23, 2011
prepared by department division	Purchasing Division	approved by	<input checked="" type="checkbox"/> City Manager <input checked="" type="checkbox"/> City Attorney <input type="checkbox"/> N/A
board approval	<input type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> N/A		
		final vote	

Purchases over \$50,000

	vendor	item background	fiscal impact	motion recommendation
1.	Carl Black Orlando Buick GMC	Purchase of ten (10) replacement vehicles for Police	Total expenditure included in the approved FY11 vehicle/equip. replacement budget. Amount: \$262,612	Commission approve PR 146748 to Carl Black Orlando Buick GMC
Written quotations were solicited and received by three (3) dealers, one of which currently holds the State contract. Once the quotes were evaluated, it was determined to be more advantageous to the City to purchase from an alternate dealer outside of the State contract.				
2.	Progress Energy	Blanket Purchase Order for Transmission Services	Total expenditure included in the approved FY11 budget. Amount: \$900,000	Commission approve Blanket Purchase Order to Progress Energy for transmission services
The City Commission approved this contract on October 25, 2010. This Blanket PO will expire on September 30, 2011.				
3.	Progress Energy	Blanket Purchase Order for Purchase of Bulk Power	Total expenditure included in the approved in the approved FY11 budget. Amount: \$10,000,000	Commission approve Blanket Purchase Order to Progress Energy for purchase of bulk power
The City Commission approved this contract on October 25, 2010. This Blanket PO will expire on September 30, 2011.				
4.	Seminole Electric Cooperative, Inc.	Blanket Purchase Order for Purchase of Bulk Power	Total expenditure included in the approved in the approved FY11 budget. Amount: \$7,000,000	Commission approve Blanket Purchase Order to Seminole Electric Cooperative, Inc. for purchase of bulk power
The City Commission approved this contract on October 25, 2010. This Blanket PO will expire on September 30, 2011.				
5.	Petersen Industries, Inc.	Purchase of Dump Truck for Forestry	Total expenditure included in the approved FY11 vehicle/equip. replacement budget. Amount: \$83,734.95	Commission approve PR 146779 to Petersen Industries, Inc., piggybacking NJPA contract #081209-FCC for purchase of dump truck for Forestry
The City Commission approved piggybacking NJPA contract #081209-FCC on April 11, 2011. The				

current contract term expires on September 10, 2013.				
6.	Camp Dresser & McKee, Inc.	Professional Engineering Services for Chain of Lakes Map Revision	Total expenditure included in the approved FY11 stormwater CIP budget. Amount: \$80,007	Commission approve PR 146757 to Camp, Dresser & McKee, Inc. for professional engineering services for Chain of Lakes Flood map revision
Camp Dresser & McKee, Inc. just completed the Howell Creek Basin study for the St. Johns River Water Management District, therefore it would be cost prohibitive for another consultant to study it again.				
7.	Winter Park Public Library	Blanket Purchase Order for Annual Library Support	Total expenditure included in the approved FY11 budget. Amount: \$445,404	Commission approve Blanket Purchase Order to Winter Park Public Library for annual support
This Blanket Purchase Order is for the remaining four (4) months of FY11 (May – September)				
8.	CSG Systems, Inc.	Blanket Purchase Order for Printing and Mailing of Utility Bills	Total expenditure included in the approved FY11 budget. Amount: \$60,000	Commission approve Blanket Purchase Order to CSG Systems, Inc. for printing and mailing of Utility bills
The Production Agreement was established in July 2006, and modified in November 2009. This Blanket Purchase Order is for the remaining four (4) months of FY11 (May – September)				
9.	Orange County Utilities	Blanket Purchase Order for Billing of Sewer Usage	Total expenditure included in the approved FY11 budget. Amount: \$60,000	Commission approve Blanket Purchase Order to Orange County Utilities for billing of sewer usage
An Interlocal Agreement was established with Orange County for the billing of Winter Park sewer usage. This Blanket Purchase Order is for the remaining four (4) months of FY11 (May – September)				
10	Waste Pro of Florida	Purchase Order for Residential Garbage, Yard Waste & Recycle Services – April 2011	Total expenditure included in the approved FY11 budget. Amount: \$160,266.99	Commission approve Purchase Order to Waste Pro of Florida for April Garbage, Yard Waste & Recycle Services
The City utilized a competitive bidding process to award this contract (RFP-6-2009).				

Contracts

	vendor	item background	fiscal impact	motion recommendation
11	State of Florida Department of Transportation	Joint Participation Agreement for the Fairbanks Avenue Milling & Resurfacing	No fiscal impact. This allows the City to be reimbursed by the State for the work we are doing under this contract up to \$1,239,000	Commission approve the Joint Participation Agreement with State of Florida Department of Transportation and authorize the Mayor to execute



city commission agenda item

item type	Consent Agenda	meeting date	May 23, 2011
prepared by department division	Troy Attaway Public Works Facilities	approved by	<input checked="" type="checkbox"/> City Manager <input checked="" type="checkbox"/> City Attorney <input type="checkbox"/> N/A
board approval	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> N/A final vote		

Subject

Contract with Trane U.S. Inc. for the implementation of a Guaranteed Energy and Water Savings Performance Contract for City facilities.

motion | recommendation

Authorize the Mayor to execute the attached contract with Trane U.S. Inc. for a Guaranteed Energy and Water Savings Performance Contract subject to financing approval.

background

A motion was approved to enter into negotiations with Trane U.S., Inc. at the April 25, 2011 Commission.

alternatives | other considerations

NA

fiscal impact

Fiscal impact to the City is neutral.

strategic objective n/a

Quality facilities and infrastructure.

GUARANTEED ENERGY PERFORMANCE SAVINGS CONTRACT

By and Between

Trane U.S. Inc.

and

City of Winter Park, City Commissioners

5/23/2011

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Appendix B Technical Energy Audit Report

Appendix C Lighting Audit Report

Appendix D Water Audit Report

GUARANTEED ENERGY PERFORMANCE SAVINGS CONTRACT

This Guaranteed Energy Performance Savings Contract (the "Contract") is made and entered into as of the day last executed below, in the City of Winter Park, in the State of Florida, by and between guaranteed energy performance savings Company, Trane U.S. Inc. ("Company"), having its principal offices at St. Paul Minnesota 55110, and City of Winter Park City Commission ("Agency") with its principal offices in Winter Park, Florida for the purpose of installing certain energy saving equipment, , and providing other services designed to save energy for the Agency's property and buildings.

RECITALS

WHEREAS, Agency owns and operates the Facilities, and is in need of energy saving equipment and services designed to save energy and associated energy costs at its property and buildings ("Facilities") and requires that the operating cost savings of such energy saving equipment and services will meet or exceed the costs of energy conservation measures; and

WHEREAS, Company has developed or become knowledgeable about certain procedures for controlling energy consumption through the use of technical energy audits and engineering analyses and devices, installed and maintained at the Facilities, and has guaranteed to Agency that it will install energy saving equipment for an annual calculated and stipulated savings that will meet or exceed total annual contract payments, and

WHEREAS, Company has made an assessment of the energy consumption characteristics of the Facilities and existing Equipment described in Schedule B,

WHEREAS, Agency desires to retain Company to purchase, install and service certain energy efficiency equipment of the type or class described in Schedule A, attached hereto and made part hereof, and to provide other services for the purpose of achieving energy cost reductions within it's Facilities, as more fully set forth herein; and

WHEREAS, Agency is authorized under the laws of the State of Florida to enter into this Contract for the purposes set forth herein.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein, and intending to be legally bound hereby, Agency and Company hereto covenant and agree as follows:

SECTION 1. DEFINITIONS.

Section 1.1. Definitions. The following terms have the meanings specified below unless the context clearly requires otherwise:

"Agency" means the State of Florida, a municipality, or a political subdivision thereof, which has entered into this Contract, or any governmental entity succeeding to the powers and duties of any

of the foregoing pursuant to law or governmental reorganization.

“Annual Reconciliation” means a determination pursuant to Section 4, as to whether a shortfall in annual energy cost savings or an excess in annual energy cost savings exists based on the provisions of Company’s written energy savings guarantee reflected in Schedule C (Energy Savings Guarantee) with savings calculated according to Schedule F (Savings Calculation Formula).

“Annual Excess Savings” means, pursuant to Sec. 489.145 (3)(d)(2), Florida Statutes, the amount of any actual annual savings that exceed total annual contract payments made by the Agency for the Contract for such calendar year.

“Baseline Energy Consumption” means the Agency’s Baseline Energy Consumption reflected on Schedule E, which shall include energy consumption for each month of the calendar year preceding the initial contract year.

“Company” means the guaranteed energy performance savings Company from whom Agency has ordered or with whom Agency has contracted for the commodities and services under this Contract.

“Commencement Date” means date of Final Completion set forth in Section 4.7.2.

"Energy Conservation Measure" or “ECM” means the measures actually being undertaken by the Company under this Contract, more specifically delineated in Exhibits A, I and/or K, and can include, but is not limited to any other items listed in Sec. 489.145 (3) (b), Florida Statutes.

"Energy Cost Savings" means a measured reduction in the cost of fuel, and energy consumption, and stipulated operation and maintenance costs, if applicable, created from the implementation of the Energy Conservation Measures when compared with an established baseline for the previous cost of fuel, and energy consumption, and stipulated operation and maintenance costs, pursuant to Sec. 489.145(3) (c), Florida Statutes.

“Equipment” means all items of property described in the Schedule of Equipment to be Installed (Schedule A) and any other items of property pursuant to Sec. 489.145(3) (b), Florida Statutes.

“Facilities” means the Facilities as described in the first paragraph of this Contract and reflected on Schedule B.

“Fiscal Year” means [insert fiscal period used by Agency for its financial accounting and budgeting purposes.]

“Guarantee” means the Company’s Energy Use Savings Guarantee reflected on Schedule C, whereby the Company guarantees that the calculated value of Energy Cost Savings will meet or exceed the costs of the Energy Conservation Measures.

"Interim Period" means the period from contract execution until the Commencement Date. (See Sec. 3.1)

“Legally Available Funds” means funds duly appropriated or otherwise legally available for the purpose of making payments under this Contract.

“Non-Appropriation” means the failure of an appropriation or availability of the Governing body of Agency or the Legislature to appropriate money for any Fiscal Year sufficient for the continued performance by Agency of all of Agency's obligations under this Contract as evidenced by the passage of a final budget which does not include funding sufficient to pay all payments due.

“Parties” means both the Agency and the Company collectively.

“Savings Calculation Formula” means the Company’s Savings Calculation Formula reflected on Schedule F.

“Technical Energy Audit” means, pursuant to Section 489.145(4)(b), Florida Statutes, a report attached as Appendix B hereto, that summarizes the costs associated with of the Energy Conservation Measures and provides an estimate of the amount of the Energy Cost Savings.

“Term”: the term of this Contract shall commence on the date of execution by the Parties and shall be automatically renewed yearly, on each Fiscal Year, through and including October 31, 2026 (17 years from final completion) conditioned upon Legally Available Funds.

SECTION 2. INCORPORATION

Section 2.1. Schedules, Exhibits and Appendices. Company has prepared and Agency has approved and accepted the Schedules as set forth below, copies of which are attached hereto and made a part of this Contract by reference.

Schedules

Schedule A Scope of Work / Equipment to Be Installed by Company
Schedule B Description of Facilities
Schedule C Energy Saving Guarantee
Schedule D Compensation to Company
Schedule E Baseline Energy Consumption
Schedule F Savings Calculation Formulae; Methodology to Adjust Baseline
Schedule G Construction and Installation Schedule
Schedule H Standards of Comfort
Schedule I Company's Maintenance Responsibilities
Schedule J Agency's Maintenance Responsibilities
Schedule K Company's Training Responsibilities
Schedule L Third Party Financing Agreement
EXHIBITS
Exhibit I Performance Bond
Exhibit II (i) Certificate of Substantial Completion
Exhibit II (ii) Certificate of Final Completion

Exhibit III Equipment Warranty

APPENDICES

Appendix A Savings Summary

Appendix B Technical Energy Audit Report

Appendix C Lighting Audit Report

Appendix D Water Audit Report

SECTION 3. COMMENCEMENT DATE AND TERMS; INTERIM PERIOD

Section 3.1. Commencement Date. . The "Commencement Date" shall be the first calendar day of the month following the month in which the Date of Final Completion occurs, unless the Date of Final Completion falls on the first calendar day of a month, in which event the Commencement Date shall be the Date of Final Completion, but in no event later than ninety (90) days after the date noted in the Certificate of Final Completion and Acceptance. Agency's obligation begins to accrue for service and maintenance under this Contract as set forth in Schedule D (Compensation to Company) on the Commencement Date pursuant to Schedule D.

Section 3.2. Term of Contract; Interim Period. Subject to the following sentence, the term of this Contract shall be one year, automatically renewable yearly for nine (9) years measured beginning with the Commencement Date (Term). Nonetheless, the Contract shall be effective and binding upon the parties immediately upon its execution, and the period from contract execution until the Commencement Date shall be known as the "Interim Period". Savings calculations begin upon Final Completion. Savings during the Interim Period will be included in the initial savings calculations under Schedule F.

SECTION 4. PAYMENTS TO COMPANY

Section 4.1. Energy Savings Guarantee. Company has formulated and provided a written Guarantee that the Energy Cost Savings will meet or exceed the costs of the Energy Conservation Measures pursuant to Section 489.145(4)(c), Florida Statutes, and that the amount of the Energy Cost Savings meet or exceed total annual contract payments made by the agency for the contract pursuant to Section 489.145 (3)(d)(2), Florida Statutes. The Guarantee is attached as Schedule C, providing the annual level of Energy Cost Savings to be achieved as a result of the Energy Conservation Measures provided for in this Contract and in accordance with the Savings Calculation Formula as set forth in Schedule F, which is calculated in compliance with Florida law. .

Section 4.2. Review and Reimbursement/Reconciliation.

Section 4.2.1 Review and Reimbursement/Reconciliation.
Pursuant to Sec. 489.145(5)(e), Florida Statutes, the Company is required to provide to the Agency an annual reconciliation of the guaranteed energy cost savings. Within ninety (90) days after the end of each Guarantee Year, Company will deliver to the Agency's Contract Manager, identified in Section 22.9, a reconciliation report for such year, reflecting the amount guaranteed and the amount of actual Energy Cost Savings achieved. Upon delivery of the report and all

supporting documentation, Agency will have thirty (30) business days to accept or reject this yearly reconciliation. Agency shall provide written notice of such rejection, within the stated acceptance period, specifying the basis of the deficiency. Company shall have twenty (20) business days to cure such deficiency and deliver to the Agency a corrected yearly reconciliation. A Monitoring and Verification plan shall be jointly constructed using the Federal Energy Management Program's (FEMP) *M&V Guidelines: Measurement and Verification for Federal Energy Management Projects version 2.2*. This plan shall be used to determine whether annual savings have been recognized. Any disputes shall be resolved by arbitration pursuant to Section 20. If the Agency fails to reject any yearly reconciliation (including corrected reconciliations) within 30 business days of receipt of all required documentation, Agency shall be deemed to have accepted the reconciliation as of the final day of the 30th business days unless a longer acceptance period is mutually agreed upon in writing.

Section 4.2.2 Annual Reconciliation. If the Annual Reconciliation reveals a shortfall in annual Energy Cost Savings, the Company is liable for such shortfall, and shall pay to the Agency the amount by which the Agency's actual energy costs exceeded guaranteed savings set forth in Schedule C. The Company shall remit such payments to the Agency within sixty (60) days of written notice by the Agency of such monies due. If the Annual Reconciliation reveals Annual Excess Savings, the excess savings may be allocated under Section 4.4 below. Annual Excess Savings shall be shared only at calendar years end and only to the extent provided in Section 4.4.

Section 4.3. Company Compensation and Fees. As payment for Equipment to be installed by Company under this Contract, the Agency shall pay or cause to be paid to Company the sum of Two Million Four Hundred Ten Thousand Eight Hundred Sixty-Three Dollars (\$2,410,863) in the increments as set forth in Schedule D (Deliverables and Compensation to Company), if applicable ("Payments"). This sum does not include the cost to Agency of Maintenance to be furnished by Company pursuant to Schedule D.

Section 4.4. Annual Excess Savings. Annual Excess Savings shall be distributed as follows: (1) 100% of such Annual Excess Savings shall first be applied to reimburse Company for any payment Company made to Agency to meet Company's guarantee for previous years (but not subsequent years) in which the Energy Cost Savings fell short of Company's Energy Savings Guarantee under the terms as set forth in Schedule C (Energy Savings Guarantee), and (2) then applied 100% to the account of the Agency.

Section 4.5. Agency Payments. Agency agrees to payments as set forth in Schedule D (Compensation to Company). In the event Agency fails to make payment on the due date, Agency shall pay as late charges any interest assessed for untimely payment. The interest rate will be the rate set pursuant to Section 55.03, Florida Statutes.

Section 4.6 Financing and Notice To Proceed. The Agency will have a separate Financing Agreement with a third party, which constitutes the Agency's source of funding for its obligations under the Contract. Company shall not perform, nor be required to perform, any of the Equipment installation until and unless Agency has closed on its financing of this Agreement (the "Financing Closing"), as evidenced by fully executed contract documents for financing of

the Project and funding of any escrow account provided for by the financing documents. Agency will achieve Financing Closing on or before June 1, 2011 or such later date agreed to in writing by Company. Within five calendar days of the Financing Closing, Agency shall execute and issue a written Notice to Proceed to Trane, upon which event Trane will commence performance of the Equipment installation hereunder. In the event Agency does not achieve Financing Closing on or before the date specified in the preceding sentence, or such later date agreed to in writing by Company, Company may terminate this Agreement upon fourteen (14) calendar days prior written notice to Agency. Upon such termination of this Agreement, Company shall have no further obligations to Agency hereunder; provided, however, that, notwithstanding such termination, Agency shall be obligated to immediately compensate Company for the amount set forth in the Trane Energy Audit Proposal dated January, 2010.

Section 4.7 Acceptance of Equipment.

4.7.1 Substantial Completion. Prior to final completion, Company may provide written notice to Agency that all or substantial portions of the Services are substantially complete and request that Agency issue a Certificate of Substantial Completion and Acceptance, substantially in the form of Exhibit II(i). Substantial Completion is the date when the specified Services have been performed or installed and are operating as required by this Agreement, with only minor work remaining as may be specified on a punch list agreed to by Agency and Company. Within a reasonable time thereafter, Agency and Company will inspect the specified Services to determine the status of completion. If Agency does not consider the specified Services substantially complete, it will notify Company in writing, giving the reasons therefor. If Agency considers any or all of the specified Services substantially complete, a Certificate of Substantial Completion and Acceptance will be issued as to such specified Services, executed by the Authorized Representative of Agency. Company's request for a Certificate of Substantial Completion and Acceptance shall not be unreasonably withheld or delayed by Agency. Exhibit II(i) shall fix the date(s) of Substantial Completion and the date(s) for commencement of warranties for the accepted specified Services; Exhibit II(i) may specify the responsibilities between Agency and Company for Maintenance (pursuant to Schedules I and J) and any adjustment of compensation therefor. There may be attached to the certificate a tentative list of items to be completed or corrected.

4.7.2 Final Completion. Upon Agency's receipt of written notice from Company that the Services are ready for final inspection and acceptance, Agency and Company shall inspect the Services and determine whether the same have been performed in accordance with this Agreement. If Agency considers the Services complete and performed in accordance with this Agreement, Agency shall issue a Certificate of Final Completion and Acceptance, substantially in the form attached hereto as Exhibit II(ii), to be executed by the Authorized Representative of Agency. In the event Company presents a Certificate of Final Completion and Acceptance to Agency for execution and, within fourteen (14) calendar days from the date noted in the Certificate as the date of such presentation, Agency fails to deliver an executed original of the Certificate to Company and does not provide to Company written objections to issuance of the Certificate, identifying the specific parts of the Services the Agency believes have not been completed and providing specific facts in support of Agency's belief that the Services have not been finally completed, the Date of Final Completion shall be the date noted in the Certificate as the date the Certificate was submitted to Agency.

Section 4.8 Current Expense. Agency's obligation to make Payments hereunder constitutes a current obligation payable exclusively from Legally Available Funds and shall not be construed to be an indebtedness within the meaning of any applicable constitutional or statutory limitation or requirement. Neither Agency nor the State nor any political subdivision or agency thereof has pledged any of its full faith and credit or its taxing power to make any Payments under this Contract.

Section 4.9 Baseline Costs. Actual savings are measured against baseline costs, the expenses that the Agency would have incurred had this Contract not been implemented. Baseline costs are established as part of the measurement and verification methodology, which shall be based on the Federal Energy Management Program's (FEMP) *M&V Guidelines: Measurement and Verification for Federal Energy Management Projects version 2.2*. Details of the Monitoring and Verification plan are as agreed upon by the Company and Agency and documented in the Technical Energy Audit and/or Schedule F.

SECTION 5. FISCAL FUNDING

Section 5.1. Termination.

(a) Termination.

(i) In the event of Non-Appropriation, this Agreement shall terminate. Company may effect such termination by giving the Agency a written notice of termination at which time Agency shall pay to Company any payments ("Payments") and other amounts that are due and have not been paid at or before the end of its then current Fiscal Year with respect to this Agreement. Agency shall endeavor to give reasonable notice of such termination prior to the end of the Fiscal Year for which appropriations were made, and shall notify Company of any anticipated termination upon its determination thereof. In the event of termination of this Agreement as provided in this Section, Agency shall comply with Section 5.1(b).

(ii) This Agreement is subject to termination upon the occurrence of an event of default, as provided in Section 17 hereof.

(b) Funding Out/Non-Appropriation

(i) Notwithstanding any provision to the contrary in this Agreement, the governing Board of the City of Winter Park in its sole discretion may, on an annual basis, determine that there are insufficient funds available for appropriation to fund financial obligations due under this Agreement, including any financing agreement or other agreement with a third party related to this undertaking. This is a funding out provision, and is required pursuant to the terms of the Charter of the City of Winter Park and the Florida Constitution, because the City may not enter into an indebtedness extending beyond the current fiscal year under the circumstances presented in this contract. In the event there is a non-appropriation of funds in any future fiscal year, the City of Winter Park shall return all equipment, software, instruction manuals, and tangible products of any type whatsoever purchased pursuant to this contract or purchased pursuant to an affiliated third party contract (including but not limited to a financing agreement). In the event the City determines that an item or items may not

be returned because such has or have become a fixture to real estate and the removal of such would unreasonably damage other City property, then, in the event of such non-appropriation or funding out, the City of Winter Park will pay the reasonable depreciated value of such asset or assets. The value of such asset or assets that has or have become a fixture and may not be returned will be determined using generally accepted accounting principles, applying depreciation to the value dependant upon the number of years in service and the condition of the asset at the time of the non-appropriation. In the event of non-appropriation for funding out, if the parties do not agree on the depreciated value to be paid by the City with respect to assets that are not fully paid for and cannot be returned to the vendor because they have become fixtures to real estate, the valuation shall be determined in accordance with the procedures for dispute resolution set out in this Agreement."

SECTION 6. SCOPE OF WORK

Section 6.1 Construction and Equipment

(a) Company shall install certain Equipment in Agency's Facilities. Construction and equipment installation shall proceed in accordance with the Construction Schedule attached hereto as Schedule G.

(b) Title and risk of loss or damage to all items shall be the responsibility of the Company until accepted by the Agency, unless loss or damage results from negligence by the Agency.

Section 6.2 Maintenance. Company and Agency shall be responsible for maintaining certain energy saving Equipment pursuant to Schedule I, Company's Maintenance Responsibilities and Schedule J, Agency's Maintenance Responsibilities.

Section 6.3 Records and Data

(a) Agency has furnished or shall furnish (or cause its energy suppliers to furnish) to Company, upon its request, all of its records and complete data concerning energy usage and energy-related maintenance for the Facilities described in Schedule B. During the Term of the Contract, Agency will provide Company copies of all energy bills each month. Company shall calculate the amount of actual Energy Cost Savings achieved for use in determining the Annual Reconciliation pursuant to Section 4.2.2.

(b) Reports to be issued by Company to the Agency are more particularly delineated in Schedule D, Deliverables. At a minimum, following reports shall be provided on an annual basis:

(i) by Company: the Energy Cost Savings calculated in accordance with Schedule F, the Savings Calculation Formula

(ii) by Agency: copies of all energy bills showing Agency energy usage for the Facilities (includes only those buildings identified in Schedule B and further defined as the "Facilities" therein)

(c) Work in Progress. In the event this Contract is terminated for any reason, all finished or unfinished documents, data, studies, correspondence, reports and any other products prepared

for the purpose of performing this Contract, shall be made available to, or delivered to, Agency for its use upon payment to Company of all amounts due hereunder.

SECTION 7. WARRANTIES AND LIABILITIES

Section 7.1 Workmanship and Equipment Warranty: Company warrants that, for a period of one year from the date of Final Completion (the "Warranty Period"), Trane-manufactured equipment installed hereunder and the installation work included within the Services (i) shall be free from defects in material, manufacture, and workmanship and (ii) shall have the capacities and ratings set forth in Trane's catalogs and bulletins. Notwithstanding the foregoing, with respect to selected equipment to be identified in Exhibit B.1 (Certificate of Substantial Completion and Acceptance), Company shall have the option of commencing the warranty period upon the date of initial startup of such selected equipment.. For Trane-manufactured equipment not installed by Company the Warranty Period is the lesser of 12 months from initial start-up or 18 months from the date of shipment. Equipment and/or parts that are not manufactured by Trane are not warranted by Company and have such warranties as may be extended by the respective manufacturer. If such defect in Trane-manufactured equipment or the installation work is discovered within the Warranty Period, Company will correct the defect or furnish replacement equipment (or, at its option, parts therefor) and, if said Trane-manufactured equipment was installed pursuant hereto, labor associated with the replacement of parts or equipment not conforming to this warranty. No liability whatever shall attach to Company until said equipment and Services have been paid for in full and then said liability shall be limited to Company's cost to correct the defective equipment or work and/or the purchase price of the equipment shown to be defective. Company's warranties expressly exclude any remedy for damage or defect caused by corrosion, erosion, or deterioration, abuse, modifications or repairs not performed by Company, improper operation, or normal wear and tear under normal usage. Company shall not be obligated to pay for the cost of lost refrigerant.

The foregoing does not apply to Maintenance and the warranties for Maintenance are separately stated on Schedule I of this Agreement.

The warranty and liability set forth in this section are in lieu of all other warranties and liabilities, whether in contract or in negligence, express or implied, in law or in fact, including implied warranties of merchantability and fitness for a particular use or fitness for a particular purpose. In no event shall Company be liable for any incidental, consequential (including without limitation lost profits), or punitive damages. No representation or warranty of merchantability or fitness of purpose is made regarding prevention by the scope of services, or any component thereof, of mold, fungus, bacteria, microbial growth, or any other contaminates. Company specifically disclaims any liability if the Scope of services or any Equipment installed component thereof is used to prevent or inhibit the growth of such materials.

Section 7.2 Liability: Company shall hold and save the Agency, the State of Florida, its officers, agents, and employees harmless against claims by third parties to the extent caused by Company's negligence.

Section 7.3 Liability: Both parties recognize that the Agency, as an agency of the State

of Florida, is prohibited from entering into indemnification agreements. Company shall not be responsible for damages resulting from Agency's negligence. Nothing herein shall be deemed a waiver of Agency's sovereign immunity, a waiver of the provisions of Section 769.28 Fla. St., or consent to be sued by third parties.

Section 7.4. Limitation of Liability: Neither party shall be liable to the other for special, indirect, consequential or punitive damages, even if the party has been advised that such damages are possible. No party shall be liable for lost profits, lost revenue, or lost institutional operating savings. In no event shall Company be liable for any damages (whether direct or indirect) resulting from mold, fungus, bacteria, microbial growth, or other contaminants or airborne biological agents. Notwithstanding the foregoing, nothing in this section will be construed to impose any limitation prohibited by rule 6A-1.006(3), Florida Administrative Code.

SECTION 8. TRAINING BY COMPANY

The Company shall conduct the training program described in Schedule K hereto. The training specified in Schedule K must be completed prior to acceptance of the Equipment installation. The training will be scheduled by Company in advance at such time(s) as are convenient and acceptable to the Agency and its personnel. The Company shall provide ongoing training whenever needed with respect to updated or altered Equipment, including upgraded software as defined by the software manufacturer. Such training shall be provided at Company's current service or training rates, as applicable.

SECTION 9. PERMITS AND APPROVALS

Agency shall cooperate with Company in obtaining all necessary permits and approvals for installation of the Equipment. In no event shall Agency, however, be responsible for payment of any permit fees. The equipment and the operation of the equipment by Company shall at all times conform to all federal, state and local code requirements.

SECTION 10. PERFORMANCE BY COMPANY

Company warrants that all work performed complies with customary, reasonable and prudent standards of care in accordance with standards in the industry.. Company shall perform all tasks/phases under the Contract, including construction, and install the Equipment in such a manner so as not to harm the structural integrity of the buildings or their operating systems. Company shall repair and restore to its original condition any area of damage caused by Company's performance under this Contract. The Agency reserves the right to review the work performed by Company and to direct Company to take certain corrective action if the structural integrity of the Facilities or its operating system is or will be harmed. The opinion of the Agency with respect to the structural integrity shall be a good faith belief based upon the written analysis of a professional engineer. All costs associated with such corrective action to damage caused by Company's performance of the work shall be borne by Company.

SECTION 11. OWNERSHIP / RISK OF LOSS

Section 11.1. Ownership of Certain Proprietary Property Rights. Agency shall not, by virtue of this Contract, acquire any interest in any formulas, patterns, devices, secret inventions or processes, copyrights, patents, other intellectual or proprietary rights, or similar items of property which are or may be used in connection with the Equipment. The Company shall grant to the Agency all rights for the duration of this Contract for any and all software or other intellectual property rights necessary for the Agency to continue to operate, maintain, and repair the Equipment in a manner that will yield maximal energy consumption reductions.

Section 11.2. Ownership of Existing Equipment. Ownership of the equipment and materials presently existing at the Facilities at the time of execution of this Contract shall remain the property of the Agency. Equipment that will be replaced hereunder or its operation made unnecessary by work performed by Company pursuant to this Contract may be removed and disposed of by Company as specified in Schedule A.

Section 11.3 Ownership of Installed Equipment. After the Commencement Date and during the term of any Third Party Financing Agreement or financing of the Equipment pursuant to Schedule D (Deliverables and Compensation to Company), legal title to and ownership of all Equipment and any and all repairs, replacements, substitutions and modifications thereto shall be in Agency.

Section 11.4 Risk of Loss. Notwithstanding any other provision in this Agreement to the contrary, risk of loss with respect to any equipment or other tangible product delivered pursuant to this Agreement shall be with or assumed by the City of Winter Park only after the equipment or product is delivered to the premises of the City facility at which such equipment is to be installed or used, and such equipment is deemed to be delivered to the City upon storage in a commercially reasonable manner at the City of Winter Park facility at which the equipment is intended to be installed or used. Prior to such delivery risk of loss will be with the Contractor, vendor of the equipment or the transportation company delivering the equipment, as arranged by the Contractor."

Section 11.5 Patent and Copyright. Company shall indemnify Agency against and any damages or costs awarded against Agency in the event any legal proceeding is brought against Agency by a third person claiming the services or material delivered hereunder in itself constitutes an infringement of any U.S. patent or copyright, provided Agency gives Company prompt notice of any such suit, and cooperates with Company with respect to any such defense.

SECTION 12. FACILITIES MAINTENANCE

Agency agrees that it shall adhere to, follow and implement the energy conservation procedures and methods of operation to be set forth on Schedule J (Agency's Maintenance Responsibilities), to be attached hereto and made a part hereof after Agency's approval.

SECTION 13. EQUIPMENT SERVICE

Section 13.1. Actions by Company. Company shall provide service, repairs, and adjustments to the Equipment installed under terms of this Contract, if any, pursuant to Schedule I, Company's Maintenance Responsibilities.

Section 13.2. Actions by Agency. Agency shall not move, remove, modify, alter, or change in any way the Equipment or any part thereof without the prior written approval of Company except as set forth in Schedule J (Agency's Maintenance Responsibilities). Notwithstanding the foregoing, Agency may take reasonable steps to protect the Equipment if, due to an emergency, it is not possible or reasonable to notify Company before taking any such actions. In the event of such an emergency, Agency shall take reasonable steps to protect the Equipment from damage or injury and shall follow instructions for emergency action provided in advance by Company. Agency agrees to maintain the Facilities in good repair and to protect and preserve all portions thereof that may in any way affect the operation or maintenance of the Equipment.

SECTION 14. UPGRADING OR ALTERING THE EQUIPMENT

Company shall at all times have the right, subject to Agency's prior written approval, which approval shall not be unreasonably withheld, to change the Equipment, revise any procedures for the operation of the equipment or implement other energy saving actions in the Facilities, provided that (i) such modifications or additions to, or replacement of the Equipment, and any operational changes, or new procedures are necessary to enable the Company to achieve the energy savings at the Facilities and; (ii) any cost incurred relative to such modifications, additions or replacement of the Equipment, or operational changes or new procedures shall be the responsibility of the Company. All modifications, additions or replacements of the Equipment or revisions to operating or other procedures shall be made by written amendment to the Contract pursuant to Section 255.258, Florida Statutes.

SECTION 15. PROPERTY/CASUALTY/INSURANCE

Section 15.1. Insurance. At all times during the term of this Contract, Company shall maintain in full force and effect, at its expense: (1) Workmen's Compensation Insurance sufficient to cover all of the employees of Company working to fulfill this Contract, and (2) Casualty and Liability Insurance on the Equipment and Liability Insurance for its employees and the possession, operation, and service of the Equipment. The limits of such insurance shall be not less than _\$2,000,000 for injury to or death of one person in a single occurrence and _\$2,000,000 for injury to or death of more than one person in a single occurrence and _\$2,000,000 for a single occurrence of property damage. Such policies shall name the Agency as an additional named insured to the extent of Company's indemnity obligation assumed hereunder.

Prior to commencement of work under this Contract, Company will be required to provide Agency with current certificates of insurance specified above. These certificates shall contain a provision that coverages afforded under the policies will not be canceled or changed until at least thirty (30) days' prior written notice has been given to Agency.

The policies for Bodily Injury and Property Damage Liability Insurance shall be written to include Contractual Liability Insurance to protect Company against claims from the operations of subcontractors. Certificates of Company's insurance shall be provided to Agency prior to beginning construction.

Section 15.2. Damage. Company shall be responsible for (i) any damage to the Equipment or other property on the Facilities and (ii) any personal injury where such damage or injury occurs as a result of Company's performance under this Contract, but only to the extent caused by the acts or omissions of the Company.

Section 15.3. Liability. Company shall save and hold harmless Agency and its officers, agents and employees or any of them from any and all claims, demands, actions or liability of any nature but only to the extent caused by the acts or omissions of the Company, its agents or employees under this Contract.

SECTION 16. BOND

Section 16.1. Bonds. Company shall furnish the Agency with a payment bond and a performance bond each in the amount of \$[total retrofit costs]. The payment and performance bonds shall remain in effect until the Equipment is accepted by the Agency as provided in Exhibit II. In no event shall such bonds cover any energy savings guarantees. Additionally, the bonds shall not cover any warranties beyond one year from completion of the installation.

Section 16.2 Bond Provisions. The following provisions shall apply to the bonds in this Section:

(a) The Agency shall be named as the beneficiary of the bonds.

(b) The Company shall ensure they follow Section 255.05 "Bond of contractor constructing public buildings; form; action by materialmen" of the Florida Statutes.

(c) No payments shall be made to Company until the bond is in place as per Section 255.05 Florida Statutes.

(d) To be acceptable to the Agency as surety for performance bonds, the Surety Company shall:

(i) Have a currently valid Certificate of Authority, issued by the State of Florida, Department of Insurance, authorizing it to write surety bonds in the State of Florida

(ii) Have a currently valid Certificate of Authority issued by the United States Department of Treasury under Sections 9304 to 9308 of Title 31 of the United States Code.

(iii) Be in full compliance with the provisions of the Florida Insurance Code

(iv) Have a minimum Best's Policyholder Rating of A- or Performance Index Rating of VI from Best's Key Rating Guide.

SECTION 17. EVENTS OF DEFAULT

Section 17.1 The following are Events of Default under this Contract:

(a) Any failure by either party to pay any payment required to be paid when due and the continuation of said failure for a period of forty (40) days after such due date (other than by reason of non-appropriation), provided that Company is not in default in its performance under the terms of this Contract. A State Agency's failure to pay for reason of non-appropriation shall not constitute an event of default, and shall be governed by Section 5.1 of this Contract.

(b) Failure by either party to observe and perform any covenant, condition or agreement on its part to be observed or performed hereunder or under this Contract, other than as referred to in Clause (a) of this Section, for a period of forty (40) days after written notice specifying such failure and requesting that it be remedied has been given to the party.

(c) Company initiates a proceeding in any court, seeking liquidation, reorganization, debt arrangement, dissolution, winding up, appointment of trustee, receiver, custodian, or the like for substantially all of its assets, and such case or proceeding shall continue undismissed, unstayed and in effect for a period of 60 consecutive days; or an order for relief shall be entered in an involuntary case under the federal bankruptcy laws or other similar laws now or hereafter in effect.

SECTION 18. REMEDIES UPON DEFAULT

Section 18.1. Remedies upon Default by Agency. If an Event of Default by Agency occurs, Company may, without a waiver or election of other remedies which exist in law or equity, (1) terminate this Agreement by delivery of written notice declaring termination upon which event the Agency shall be liable to Company for all services furnished to date and any damages sustained by Company including the price of any specially manufactured items whether in production or delivered, and (2) elect to exercise all remedies available at law or in equity or other appropriate proceedings including bringing an action or actions from time to time for recovery of amounts due and unpaid by Agency, and/or for damages which shall include all costs and expenses reasonably incurred in exercise of its remedy.

Section 18.2. Remedies Upon Default by Company. If an Event of Default by Company occurs, Agency may, without a waiver of other remedies which exist in law or equity, elect to exercise any and all remedies at law or equity, or institute other proceedings, including, without limitation, bringing an action or actions from time to time for specific performance, and/or for the recovery of amounts due and unpaid and/or for damages, which shall include all costs and expenses reasonably incurred,

SECTION 19. ASSIGNMENT

Section 19.1. Assignment by Company. The Company acknowledges that the Agency is induced to enter into this Contract by, among other things, the professional qualifications of the Company. The Company agrees that neither this Contract nor any right or obligations hereunder may

be assigned in whole or in part to another firm, without the prior written approval of the Agency; provided the Company can without prior approval from the Agency assign this Contract to its parent or affiliate companies.

The Company may, with prior written approval of the Agency, which consent shall not be unreasonably withheld, delegate its duties and performance under this Contract, and/or utilize subcontractors, provided that any assignee(s), delegee(s), or subcontractor(s) shall fully comply with the terms of this Contract. Notwithstanding the provisions of this paragraph, the Company shall remain jointly and severally liable with its assignees(s), or transferee(s) to the Agency for all of its obligations under this Contract.

Section 19.2. Assignment by Agency. Agency may transfer or assign this Contract and its rights and obligations herein to a successor or purchaser of the Facilities or an interest therein subject to the prior written approval of Company. If Company rejects new assignee the Agency will continue to make the payments associated with the facility or the Agency can pay the remaining principal on the loan for the equipment installed in that facility. Notwithstanding the foregoing, the Agency's rights and responsibilities may be transferred in the event that the agency/department that originally executed this Contract is transferred, moved or absorbed by another State of Florida entity to such succeeding entity.

SECTION 20. HAZARDOUS MATERIALS Asbestos and Hazardous Materials. Except as expressly stated in Exhibit B, Company's Scope expressly excludes any work connected or associated with Hazardous Materials. Hazardous Material means any pollutant, contaminant, toxic or hazardous substance, material or waste, any dangerous, potentially dangerous, noxious, flammable, explosive, reactive or radioactive substance, material or waste, urea formaldehyde, asbestos, asbestos-containing materials ("ACM's"), polychlorinated biphenyl ("PCB"), and any other substance, the manufacture, preparation, production, generation, use, maintenance, treatment, storage, transport, disposal, handling, or ownership of which is regulated, restricted, or prohibited, by any federal, state, or local statute, law, ordinance, code, rule or regulation now or at any time hereafter in effect, and as may be amended from time to time, including but not limited to, the Comprehensive Environmental Response, Compensation, and Liability Act (42 U.S.C. §§ 9601 et seq.), the Hazardous Materials Transportation Act (49 U.S.C. §§ 1801 et seq.), the Resource Conservation and Recovery Act (42 U.S.C. §§ 6901 et seq.), the Federal Water Pollution Control Act (33 U.S.C. §§ 1251 et seq.), the Clean Air Act (42 U.S.C. §§ 7401 et seq.), the Toxic Substances Control Act, as amended (15 U.S.C. §§ 2601 et seq.), and the Occupational Safety and Health Act (29 U.S.C. §§ 651 et seq.).

Company shall not perform any identification, abatement, cleanup, removal, transport, treatment, storage or disposal of Hazardous Materials on Agency's premises. Agency warrants and represents that, except as expressly, and by reference to this Section, set forth in Schedule B, there are no Hazardous Materials on the Premises in areas within which Company will be performing any part of the Scope or Agency has disclosed to Company the existence and location of any Hazardous Materials in all areas within which Company will be performing any part of the Scope. Company's responsibility, if any, for any Hazardous Materials, shall be limited to and as expressly set forth in Schedule A and Agency shall, at all times, be and remain the owner and generator of any and all Hazardous Materials on the Agency's premises and responsible for compliance with all laws and

regulations applicable to such Hazardous Materials.

Should Company become aware of or suspect the presence of Hazardous Materials in the course of performing the Services that are not disclosed in Schedule B, or which present or may present a hazard to or endanger health welfare or safety, Company shall have the right to immediately stop work in the affected area and shall notify Agency. Agency will be responsible for taking any and all action necessary to remove or render harmless the Hazardous Materials in accordance with all applicable laws and regulations. Company shall be required to resume performance of the Scope in the affected area only in the absence of Hazardous Materials or when the affected area has been rendered harmless; if the area has not been or cannot be rendered harmless within 60 days of discovery of the Hazardous Material, Company may terminate this Agreement and Agency shall be liable to Company for the Scope completed to date of termination and lost profits, together with the price of any specially manufactured items, whether in production or delivered. Agency shall compensate Company for any additional costs incurred by Company as a result of work stoppage, including demobilization and remobilization. In addition to any other indemnity obligation of Agency to Company, to the maximum extent permitted by law, Agency shall indemnify, defend, and hold harmless Company, its officers, directors, beneficiaries, shareholders, partners, agents, representatives, and employees and Company's subcontractors from all fines, suits, actions, claims, penalties, and proceedings of every kind, and all costs associated therewith (including attorneys' and consultants' fees) arising out of or in any way connected with or related to: (1) any leak, deposit, spill, discharge, or release or disposal of Hazardous Materials in connection with the performance of this Agreement, except to the extent such Hazardous Materials were brought onto the Premises by Company; and/or (2) Agency's failure to identify and disclose Hazardous Materials and to fully comply with all federal, state, and local statutes, laws ordinances, codes, rules and regulation now or at any time hereafter in effect regarding Hazardous Materials.

SECTION 21. REPRESENTATIONS AND WARRANTIES

Section 21.1 Each party warrants and represents to the other that:

- (a) it has all requisite power, authority, licenses, permits, and franchises, corporate or otherwise, to execute and deliver this Contract and perform its obligations hereunder;
- (b) its execution, delivery, and performance of this Contract have been duly authorized by, or are in accordance with, its organic instruments, and this Contract has been duly executed and delivered for it by the signatories so authorized, and it constitutes its legal, valid, and binding obligation;
- (c) its execution, delivery, and performance of this Contract will not breach or violate, or constitute a default under any Contract, lease or instrument to which it is a party or by which it or its properties may be bound or affected; or
- (d) it has not received any notice, nor to the best of its knowledge is there pending or threatened any notice, of any violation of any applicable laws, ordinances, regulations, rules, decrees, awards, permits or orders which would materially and adversely affect its ability to perform

hereunder.

Section 21.2 Agency Representations. Agency hereby warrants, represents and promises that:

(a) it has provided or shall provide timely to Company, all records relating to energy usage and energy-related maintenance of Facilities requested by Company and the information set forth therein is, and all information in other records to be subsequently provided pursuant to this Contract will be true and accurate in all material respects; and

(b) it has not entered into any leases, contracts or Contracts with other persons or entities regarding the leasing of energy efficiency equipment or the provision of energy management services for the Facilities or with regard to servicing any of the energy related equipment located in the Facilities except as disclosed to Company.

Section 21.3 Company Representations. Company hereby warrants, represents and promises that:

(a) before commencing performance of this Contract:

(i) it shall have become licensed or otherwise permitted to do business in the State of Florida;

(ii) it shall have provided proof and documentation of required insurance pursuant to Section 15 it shall make available, upon reasonable request, all documents relating to its performance under this Contract, including all contracts and subcontracts entered into;

(b) it shall use qualified subcontractors and delegees, licensed and bonded in this state to perform the work so subcontracted or delegated pursuant to the terms hereof;

(c) that it is financially solvent, able to pay its debts as they mature and possessed of sufficient working capital to perform its obligations under this Contract.

SECTION 22. MISCELLANEOUS

Section 22.1 Waiver of Liens. Company will obtain and furnish to Agency a Waiver of Liens from each subcontractor and each permanent material supplier that supply materials or services hereunder in excess of twenty five thousand dollars.

Section 22.2. Compliance with Law and Standard Practices. Company shall perform its obligations hereunder in compliance with any and all applicable federal, state, and local laws, rules, and regulations, in accordance with sound engineering and safety practices, and in compliance with any and all reasonable rules of Agency relative to the Facilities. Company shall be responsible for obtaining all governmental permits, consents, and authorizations as may be required to perform its obligations hereunder.

Section 22.3. Independent Capacity of the Company. The parties hereto agree that Company, and any agents and employees of Company, in the performance of this Contract, shall act

in an independent capacity and not as officers, employees, or agents of the Agency.

Section 22.4. No Waiver. The failure of Company or Agency to insist upon the strict performance of the terms and conditions hereof shall not constitute or be construed as a waiver or relinquishment of either party's right to thereafter enforce the same in accordance with this Contract in the event of a continuing or subsequent default on the part of Company or Agency.

Section 22.5. Severability. In the event that any clause or provision of this Contract or any part thereof shall be declared invalid, void, or unenforceable by any court having jurisdiction, such invalidity shall not affect the validity or enforceability of the remaining portions of this Contract unless the result would be manifestly inequitable or unconscionable.

Section 22.6. Complete Contract. This Contract, including all Schedules, Exhibits and Appendices attached hereto, when executed, shall constitute the entire Contract between both parties and this Contract may not be amended, modified, or terminated except by a written Contract signed by the parties hereto.

Section 22.7. Further Documents. The parties shall execute and deliver all documents and perform all further acts that may be reasonably necessary to effectuate the provisions of this Contract.

Section 22.8. Applicable Law. This Contract and the construction and enforceability thereof shall be interpreted under the laws of the State of Florida. Venue for any legal action concerning the Agreement shall be Martin County Florida.

Section 22.9. Notice. Any notice required or permitted hereunder shall be deemed sufficient if given in writing and delivered personally or sent by registered or certified mail, return receipt requested, or delivered to a nationally recognized express mail service, postage prepaid to the address shown below or to such other persons or addresses as are specified by similar notice. The Agency's Contract Manager for this project will serve as liaison for the ongoing administration of the Contract and the resolution of any problems related thereto.

TO COMPANY: *Trane U.S. Inc.*
 Attention: Mr. Tony Garibay
 4833 White Bear Parkway
 St. Paul, Minnesota 55110

TO AGENCY: *City of Winter Park*
 Attn: Mr. Randy Knight
 401 S Park Ave.
 Winter Park, Florida 32812

Section 22.10. Statutory Notices and Requirements. The Agency shall consider the employment by any Company of unauthorized aliens a violation of Section 274A(e) of the Immigration and Nationality Act. Such violation shall be cause for unilateral cancellation of this Contract. An entity or affiliate who has been placed on the public entity crimes list or the

discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a Company, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity pursuant to limitations under Chapter 287, Florida Statutes.

Wage rates and other factual unit costs supporting the compensation are accurate, complete, and current at the time of contracting. The original contract price and any additions thereto will be adjusted to exclude any significant sums by which the Agency determines the contract price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such contract adjustments must be made within 1 year following the end of the contract.

The Company warrants that he or she has not employed or retained any company or person, other than a bona fide employee working solely for the Company to solicit or secure this Contract and that he or she has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the Company any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this Contract. For the breach or violation of this provision, the Agency shall have the right to terminate the Contract without liability and, at its discretion, to deduct from the contract price, or otherwise recover, the full amount of such fee, commission, percentage, gift, or consideration.

Section 22.11. Cancellation. The Agency shall have the right of unilateral cancellation for refusal by the Company to allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, F.S., and made or received by the Company in conjunction with the contract.

Section 22.12. Force Majeure. Neither party will be liable for any default or delay in the performance of its obligations under this Contract to the extent such default or delay is caused by fire, flood, earthquake, elements of nature or acts of God; riots, civil disorders, rebellions or revolutions in the United States; injunctions (provided the injunction was not issued as a result of any fault or negligence of the party seeking to have its default or delay excused); or any other cause beyond the reasonable control of such party ("Force Majeure Events"); provided the non-performing party and its subcontractors are without fault in causing such default or delay, and such default or delay could not have been prevented by reasonable precautions and cannot reasonably be circumvented by the non-performing party through the use of alternate sources, workaround plans or other means, including disaster recovery plans. Performance times shall be considered extended for a period of time equivalent to the time lost because of any such delay, provided that in the event Company is delayed in its performance by reason of such cause, no such extension shall be made unless notice thereof is presented by Company to Agency in writing within ten (10) business days after the start of the occurrence of such delay, no payment shall be made by Agency for any fees or expenses incurred by Company by reason of such delay, and Company shall use best efforts to perform its obligations during such period of delay, and notify the Agency of its abatement or cessation.

Section 22.13.

"Dispute Resolution. Notwithstanding any other provision in the contract to

the contrary, all disputes arising out of this Agreement or related to any action required or permitted pursuant to this Agreement, shall be resolved in the court of appropriate jurisdiction in Orange County, Florida. Unless there is an emergency that substantially affects the health, safety and welfare of a party, or the party's agents, employees or, in the case of Winter Park, its citizens, before any lawsuit is filed, the parties shall engage in pre-suit, nonbinding mediation using the services of a mutually agreeable licensed mediator. This is a mandatory venue selection clause and the venue of any mediation and dispute resolution shall be in Orange County, Florida. The parties shall be responsible for their own attorneys' fees and legal costs in connection with any dispute resolution."

IN WITNESS WHEREOF, and intending to be legally bound, the parties hereto subscribe their names to this Contract by their duly authorized officers on the date last executed below.

ENERGY SAVINGS COMPANY:

AGENCY:

By: _____
[Signature]

By: _____
[Signature]

Title: _____
(Corporate Seal)

Title: _____

Date: _____

Date: _____

INDEX OF SCHEDULES, EXHIBITS, APPENDICES

SCHEDULES

Schedule A	Scope of Work / Equipment to Be Installed by Company
Schedule B	Description of Facilities
Schedule C	Energy Saving Guarantee
Schedule D	Compensation to Company
Schedule E	Baseline Energy Consumption
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Schedule H	Standards of Comfort
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EXHIBITS

Exhibit I	Performance Bond
Exhibit II (i)	Certificate of Substantial Completion
Exhibit II (ii)	Certificate of Final Completion
Exhibit III	Equipment Warranty

APPENDICES

Appendix A	Savings Summary
Appendix B	Technical Energy Audit Report
Appendix C	Lighting Audit Report
Appendix D	Water Audit Report

Schedule A
Scope of Services/Installed Equipment

Summary of Energy Conservations Measures (ECM) included in contract:

ECM #	Facility	Scope of Work
1	City Hall	Lighting Retrofit
2	City Hall	Water Conservation
3	City Hall	Building Automation – Space Setpoint Control
4	City Hall	Building Automation – Setback Scheduling
5	City Hall	East Wing Renovation
6	City Hall	Demand Control Ventilation
7	City Hall	Chiller Replacement
8	City Hall	Variable Flow Chilled Water System
9	Not Included	
10	Public Safety	Variable Flow Chilled Water System
11	Not Included	
12	Public Safety	Building Automation – Space Setpoint Control
13	Public Safety	Building Automation – Setback Scheduling
14	Not Included	
15	Public Safety	Demand Control Ventilation
16	Library	2 nd Floor Air Handling Unit Replacement
17	Library	Water Conservation
18	Not Included	
19	Not Included	
20	Library	Lighting Retrofit
21	Library	Building Automation – Space Setpoint Control
22	Library	Building Automation – Setback Scheduling
23	Library	Roof Top Unit Replacement
24	Library	Cool Roof Retrofit
25	Civic Center	Lighting Retrofit
26	Not Included	
27	Not Included	
28	Public Works	Lighting Retrofit
29	Public Works	Lighting Controls
30	Not Included	
31	Not Included	
32	Not Included	
33	Not Included	
34	Not Included	
35	Not Included	
36	Farmers Market	Lighting Retrofit
37	Welcome Center	Lighting Retrofit
38	Fire Station #62	Lighting Retrofit
39	Fire Station #62	Lighting Controls
40	Fire Station #64	Lighting Retrofit
41	Golfview Terrace	Lighting Retrofit
42	Golf Course Clubhouse	Lighting Retrofit
43	Golf Course Clubhouse	Lighting Controls
44	Meade Garden	Lighting Retrofit
45	Meade Garden	Lighting Controls
46	Police Training Area	Lighting Retrofit

47	Not Included	
48	Fleet Peoples Park	Lighting Retrofit
49	Lake Island Area	Lighting Retrofit
50	Lake Island Area	Lighting Controls
51	McKean Arboretum	Lighting Retrofit
52	Not Included	
53	Dinky Dock	Lighting Retrofit
54	Not Included	
55	ITS	Lighting Retrofit
56	Bongart Plant Area	Lighting Retrofit
57	Bongart Plant Area	Lighting Controls
58	Azalea Recreation Center	Lighting Retrofit
59	Azalea Recreation Center	Lighting Controls
60	Azalea Tennis Tower	Lighting Retrofit
61	Magnolia Plant	Lighting Retrofit
62	PWC Area	Lighting Retrofit
63	PWC Area	Lighting Controls
64	PWC Lakes Building	Lighting Retrofit
65	PWC Building #4	Lighting Retrofit
66	PWC Building #11	Lighting Retrofit
67	PWC Building #12	Lighting Retrofit
68	PWC Building #14	Lighting Retrofit
69	PWC Building #20	Lighting Retrofit / Lighting Controls
70	PWC Building LS-70	Lighting Retrofit
71	PWC Storage #1	Lighting Retrofit
72	PWC Storage #2	Lighting Retrofit
73	PWC Storage #3	Lighting Retrofit
74	Not Included	
75	PWC Fuel Island	Lighting Retrofit
76	Not Included	
77	Not Included	
78	Not Included	
79	City Wide – Various Buildings	Owner Installed Programmable Thermostats
80	Place holder	M&V
81	Place holder	T-12 Savings
82	Not Included	
83	Not Included	
84	Not Included	
85	Not Included	
86	Not Included	
87	Not Included	
88	Not Included	
89	Place Holder	Capital Renewal
90	Not Included	
91	Energy Seminar	Energy Seminar

The Scope of Services includes the following:

ECM-1 City Hall Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures in the City Hall complex. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 Surface MiniCube F40T12S	6	6	Retrofit 1x4 w/(4) T8 lamps & LP Elec. ballast
1x4 Recess Acrylic F40T12S	115	115	Retrofit 1x4 w/(2) T8 lamps & LP Elec. Ballast
2x2 Recess Acrylic F40T12US	13	13	Retrofit 2x2 w/(2)F17T8 lamps, Elec. Ballast, & Reflector Kit
2x4 Recess Acrylic F40T12S	219	219	Retrofit 2x4 w/(4) T8 lamps & LP Elec. Ballast
Incandescent	16	16	Replace Fixture w/ 2x13 Drum Fixture
Incandescent	24	24	Retrofit w/(1) 14w CF Spiral
Incandescent	15	15	Retrofit w/(1) 23w CF Spiral
1x4 Strip F40T12S	57	57	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Wrap F40T12S	8	8	Retrofit 1x4 w/(4) T8 & LP Elec. Ballast
1x2 Wrap F20T12	3	3	Retrofit 1x2 w/(2) F17T8 & LP Elec. Ballast
2x4 Recess Parabolic F40T12S	1	1	Retrofit 2x4 w/(4) T8 & PL Elec. Ballast
1x4 Recess Parabolic F40T12S	1	1	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x3 Cove Strip F30T12	26	26	Retrofit 1x3 w/(2) F25T8 w/ LP Elec. Ballast
Double Face Exit Sign	31	31	Replace Fixture w/ LED/Battery Back up
1x4 Vapor Tight F40T12S	1	1	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x8 Strip F96T12S	5	5	Retrofit 1x8 w/(4) T8, LP Elec. Ballast & Reflector Kit
2x4 T8 F32T8	10	10	Retrofit 2x4 w/(4) T8 & LP Elec. Ballast

ECM-2 City Hall Water Conservation

Existing water consuming plumbing fixtures will be retrofit with flow reducing technologies or will be replaced with upgraded plumbing fixtures to reduce overall water consumption. See the table below for a summary of the Scope of Services. For retrofit details, see plumbing survey data contained in Appendix D

Existing Plumbing Fixture	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
Wall Mounted Water Closet	4	4	Replace w/ Zurn Econvantage HET 1.28 gpf fixture
Wall Mounted Urinal	6	6	Retrofit flush valve w/Zurn Aquavantage 0.75 gpf
Tank Top Water Closet	3	3	Replace w/ Caroma Sydney Dual Flush 0.8/1.28 Gravity Flush Tank
Flush Valve Water Closet	6	6	Retrofit flush valve w/Zurn Ecovantage HET 1.28 gpf
Lavatory Faucet	3	3	Retrofit w/ Chronomite Laboratories Laminar Series Flow Restrictor 1.0 gpm
Kitchen Faucet	1	1	Retrofit w/ Chronomite Laboratories

			Laminar Series Flow Restrictor 1.5 gpm
Lavatory Faucet	16	16	Retrofit w/ Chronomite Laboratories Laminar Series Flow Restrictor 0.5 gpm
Hand-Held Shower Head	2	2	Replace w/ Niagara Conservation Earth Hand Held 1.5 gpm

ECM-3/4 City Hall BAS –Setpoint & Setback Control

Through expansion of the existing Building Automation System and modification of existing programming, space temperature setpoints will be modified to allow differential setpoints for cooling mode and heating mode and from occupied to unoccupied conditions. Currently, cooling and heating setpoints are set at the same value, regardless of space occupancy conditions. All space setpoints for AHUs, VAV boxes, and FTB's to the following parameters (set occupied/unoccupied modes if programmable thermostat):

- Occupied Mode - cooling: 74° F with a +/- 2-deg throttling range.
- Occupied Mode - heating: 68° F with a +/- 2-deg throttling range.
- Unoccupied Mode – cooling: 80° F with a +/- 3-deg throttling range.
- Unoccupied Mode – heating: 60° F with a +/- 3-deg throttling range

ECM-5 City Hall East Wing Renovation

Included is a complete renovation of the existing 2-pipe Fan Coil Unit (FCU) serving the 1st and 2nd floors of the East Wing of City Hall. The new system will be a 4-pipe system to provide heating water and cooling water as needed throughout the space, regardless of the time of year. Air distribution will be provided by new air handling units, new ductwork, and new hot water reheat variable air volume (VAV) boxes. The project will be sequenced to begin in the basement central energy plant to modify the plant piping and pumping to accommodate a 4-pipe system arrangement and to extend the chilled water and hot water risers to the 1st and 2nd floor. While work is commencing on the 1st and 2nd floor areas, all City of Winter Park personnel will be relocated to temporary work facilities, provided by the City of Winter Park. See the Detailed Study in Appendix B for schematic drawings of system layout. Included below is a detail of the project sequence:

1. The basic sequence of work will be scheduled as follows:
 - i. Temporary chiller hook up
 - ii. Mechanical plant demolition
 - iii. Mechanical plant equipment set
 - iv. Mechanical plant piping
 - v. Mechanical plant framing/drywall
 - vi. Mechanical plant controls
 - vii. Mechanical plant startup/commissioning
 - viii. Basement IT room unit replacement
 - ix. 2nd floor wing demolition
 - x. 2nd floor wing framing/drywall
 - xi. 2nd floor equipment
 - xii. 2nd floor piping
 - xiii. 2nd floor ductwork
 - xiv. 2nd floor controls
 - xv. 2nd floor start up/commissioning
 - xvi. 1st floor wing demolition
 - xvii. 1st floor wing framing/drywall
 - xviii. 1st floor equipment
 - xix. 1st floor piping
 - xx. 1st floor ductwork
 - xxi. 1st floor controls
 - xxii. 1st floor start up/commissioning
2. Installation Requirements – Central Energy Plant
 - i. Provide access to the basement area by lifting off the access hatch adjacent to the south parking lot and the west wing of the City Hall complex.

- ii. Provide a means of connecting a temporary chiller into the existing piping system via flexible hose that will be provided by the temporary chiller provider.
- iii. Demolish the existing walls in the basement bathroom area the restrict access from the mechanical room to the basement access hatch.
- iv. Demolish and remove all existing mechanical and electrical components in the basement mechanical room which will not be reused and incorporated into the new system.
- v. Receive, load, and install new water cooled chiller provided by Trane. See ECM-7 for chiller details.
- vi. Provide and install two new variable primary chilled water pumps in the location of the existing chiller water pump. Pump motor will be premium, inverter service duty. Control of variable volume chilled water pumps is defined in ECM-8.
- vii. Provide and install new condenser water pump in the location of the existing pump. Pump motor will be premium, inverter service duty.
- viii. Provide and install new chilled water piping and piping specialties. Piping to be schedule 40 welded steel. Include new triple duty valves, automated isolation valves, crank style manual isolation valves on supply and return side of chiller. Provide and install all new local monitoring instrumentation, including pressure and temperature sensors.
- ix. Provide and install new condenser water piping and piping specialties. Piping to be schedule 40 welded steel. Include new triple duty valves, automated isolation valves, crank style manual isolation valves on supply and return side of chiller. Provide and install all new local monitoring instrumentation, including pressure and temperature sensors.
- x. Provide and install insulation on new chilled water piping. Insulation to be 2" foamglass, wrapped with white service jacket. Provide industry standard placards and directional flow arrows, per industry standards.
- xi. Install all required BAS control hardware into piping system, including pressure, flow, and temperature sensors.
- xii. Provide and install new chemical treatment system, per industry standards and local codes. System control to be a processor based industrial chemical system.
- xiii. Provide and install two new variable primary hot water pumps in the location of the existing hot water pumps. Pump motors will be premium, inverter service duty.
- xiv. Provide and install new hot water piping and piping specialties. Piping to be schedule 40 welded steel. Include new triple duty valves, automated isolation valves, crank style manual isolation valves on supply and return side of existing boiler. Provide and install all new local monitoring instrumentation, including pressure and temperature sensors.
- xv. Provide and install insulation on new hot water piping. Insulation to be 2" foamglass, wrapped with white service jacket. Provide industry standard placards and directional flow arrows, per industry standards.
- xvi. Install all required BAS control hardware into piping system, including pressure, flow, and temperature sensors.
- xvii. Provide new electrical service from the existing load center to all new mechanical equipment. Service to be installed in EMT and per NEC. Reuse of existing conduit system as allowable.
- xviii. Receive and install new variable frequency drives provided by Trane for water and airside systems.

3. Installation Requirements – Basement IT Room

- i. Install temporary spot cooling equipment to serve the affected areas. Install condenser exhaust into the return air plenum, so that the heat load is carried back to the 1st floor central air handling unit and conditioned. Add temporary ductwork as necessary to adequately condition the work areas.
- ii. Remove existing DX Liebert unit and roof-mounted air-cooled condenser serving the 911 office. Remove existing supply and return ductwork as required to facilitate AC removal.
- iii. Remove the existing control wiring and thermostat.
- iv. Install new CHW computer room unit and connect to existing supply and return ductwork. Tap off existing chilled water mains in mechanical room and route new CHW piping from mechanical room to new CHW computer room unit. Install new chilled water piping and piping specialties as required to accomplish the defined scope. Piping to be schedule 40 welded steel. Ball style manual

isolation valves on supply and return side of air handling unit. Provide and install all new local monitoring instrumentation, including pressure and temperature sensors.

- v. Provide and install insulation on new chilled water piping. Insulation to be 2" foamglass, wrapped with white service jacket. Provide industry standard placards and directional flow arrows, per industry standards.
- vi. The new CHW computer room unit shall have a DX backup cooling coil with a backup air-cooled condenser. Install air-cooled condenser on roof in place of old air-cooled condenser.
- vii. Install building automation devices into piping system, which have provided by BAS contractor.
- viii. Connect new indoor AHU supply fan and air-cooled condenser shall be connected to emergency power circuit that was provided for the original unit.
- ix. Remove temporary cooling services including spot cooling units and temporary ductwork. Repair and patch any locations where ductwork was tied into the central air handling system ductwork. Replace any ceiling tile or grid assembly that was removed to accomplish the work.

4. Installation Requirements – 2nd and 1st Floors

- i. Demolish and remove the existing ceiling grid and system as necessary to accomplish the work.
- ii. Remove existing lighting fixtures from ceiling grid and suspend from temporary supports in the space.
- iii. Construct new 2nd floor mechanical rooms for the installation of the new air handling units
- iv. Provide new lighting service and electrical service outlets in new mechanical rooms.
- v. Received and install new air handling units, control valves and vav boxes provided by Trane.
- vi. Provide and install the ductwork, piping, and other peripheral devices that are necessary for the conversion of the FCUs and AHUs listed in the Detail Study in Appendix B to VAV systems. Installation includes all requirements for fire stopping around piping and ductwork.
- vii. Provide new electrical service to the new air handling units and terminal box locations. Service to be installed in EMT and per NEC.
- viii. The air systems included in this ECM are recommended for DDC conversion in ECM 5. The AHUs converted to VAV systems, along with the new VAV boxes and the new VFDs, shall be controlled by the new building DDC systems.
- ix. Modify the 2-pipe changeover system in the east wing as follows:
 - 1. Remove existing 2-pipe fan coil units on the first and second floors of the east wing. Remove all 2-pipe changeover piping, valves, and accessories to the fan coils on the first and second floors.
 - 2. Remove existing 4-pipe AHU in attic space, including all supply ductwork serving the spaces on the first and second floor of the east wing.
 - 3. Convert angled closet and then adjacent closet located next to the Commission Chambers and storage room located on the very end of the South wing on the second floor to new mechanical room.
 - 4. Install new 2-pipe chilled water VAV AHU, provided by Trane, equal to 14170 CFM supply air in new mechanical room. Install new VFD provide by Trane for AHU. Provide and install 26x26 outside air duct to new AHU mixing box to provide ASHRAE-required ventilation air to the first and second floor.
 - 5. Provide and install new medium-pressure supply air distribution system on first and second floors to new Variable Air Volume (VAV) boxes. VAV boxes shall have hot water reheat coils for zone temperature control. Provide and install low-pressure supply ductwork downstream of VAV boxes to ceiling diffusers supplying the spaces.
 - 6. Provide and install new 2" HW piping to the new VAV box reheat coils. Reheat coils shall be provided with 3-way valve packages consisting of isolation valves, auto flow, strainers, and motorized 3-way automatic control valves.
 - 7. Remove and replace existing 4-pipe first floor AHU to serve first floor and basement with air handling unit provided by Trane.
 - 8. Provide electrical service to new AHU to serve the 1st floor and basement. Service to be installed in EMT and per NEC. Reuse of existing conduit system is allowable.
 - 9. New VAV AHU system shall have the following sequence of controls:

- a. Unoccupied Mode: The unit supply fan shall be stopped, the chilled water valves positioned closed, the outside air damper shall be positioned closed, and the return air damper shall be positioned open. The associated exhaust fans shall be stopped.
- b. Night Setback: The space temperature sensor shall signal the air handling unit to start when any space temperature drops to 60°F. The unit shall operate as described in the warm-up mode.
- c. Night Setup: The space temperature sensor shall signal the air handling unit to start when any space temperature rises to 85°F. The unit shall stop when all temperatures drop to 80°F. The unit shall operate as described under cool-down mode.
- d. Warm-up: When the optimal start program calls for warm-up, the unit shall be started and operate with 100% recirculation air. The discharge temperature shall not be under control.
- e. Cool Down: When the optimal start program calls for cool-down operation, the unit shall be started, and shall operate with 100% return air. The unit shall control the cooling coil as described under temperature control.
- f. Occupied Mode: The unit shall be started and the unit outdoor air damper and the return air damper shall be modulated to maintain the minimum outside air quantity scheduled. All associated exhaust fans shall be started. The actual time for occupied operation shall be one hour prior to the normal occupancy time to permit an IAQ pre-operation period.
- g. Humidity Control: On a rise in return air relative humidity above 60% RH, the chilled water control valve shall be modulated to full open, and the heating coil shall be modulated to maintain the space temperature. The system shall remain under this control until the return air relative humidity drops below 55% RH.
- h. Temperature Control: On a rise in discharge temperature, the chilled water valves shall be modulated open. The discharge temperature shall be set for 52°F.
- i. Supply Fan and Duct Pressure Control:
 - i. The supply fan capacity shall be modulated as required to maintain a supply duct static pressure of 1.0 in. wg. where indicated, at a point approximately 2/3 of the way toward the end of the duct.
 - ii. Control Supply fan by the VFD.
10. The locations of AHUs and VAV Boxes are shown on the building HVAC floor plans in the Detail Study. The maximum air flow rates, heating capacities and HW flow rates of the VAV boxes are shown in the Detailed Study.
11. Install new ceiling grid and ceiling tiles in 2nd floor and 1st floor areas affected by construction operations. The City of Winter Park is to provide painting and flooring.
12. Reinstall existing lighting fixtures into ceiling grid. Wipe clean and remove any dust or construction debris prior to installation.

ECM-6 City Hall Demand Control Ventilation

Provide mechanical devices and BAS devices to allow the BAS to modulate outside air (OA) flow in the East Wing area based upon CO₂ levels as an indication of space occupancy conditions. CO₂ sensor-controlled OA ventilation systems modulate the amount of OA drawn into the building by the HVAC systems in response to return air CO₂ levels, which acts as an indicator for space occupancy levels. Installing CO₂ sensor-controlled OA ventilation systems will reduce OA ventilation rates when space occupancy is low, which will reduce heating and cooling energy consumption. Scope of Services will include installation CO₂ sensor-controlled outside air (OA) ventilation systems for the AHUs listed in the Detailed Study. Install a CO₂ sensor in the AHU return air path to monitor the return air CO₂ level. All of the AHUs involved in this ECM are included in ECM 3 and ECM 4, Unoccupied Hour Setback Control, which includes the installation of motorized OA damper actuators to open and close the OA dampers. This ECM requires the OA damper actuators of the AHUs in this ECM to be modulating type. Install control wiring, relays, and other necessary control accessories needed to achieve the intent of this ECM. Control points include:

- CO₂ analog input
- Damper position analog output

Program the BAS so that the OA damper modulates to maintain CO₂ levels of return air, and where additional CO₂ sensors are located, at a user-programmable set point, initially set at 700 ppm. See the Detailed Study in Appendix B for schematic drawings of system layout.

ECM-7 City Hall Chiller Replacement

The Scope of Services includes the removal the existing chiller and installing a new high efficiency Trane rotary screw chiller in its place. This work will be coordinated with the Scope of Services defined in ECM-5. Trane will remove the existing chiller and properly dispose it or, at the owner's discretion, store the chiller at an on-site location specified by the owner. If the removal of the chiller involves temporary relocation of other mechanical equipment, store and environmentally protect this equipment and restore to proper operation after the new chiller is installed. Extract and store the R-12 refrigerant from the displaced chiller in secure vessels on site and properly dispose. Install a new 80 ton electric water-cooled rotary screw chiller at the location of the removed chiller. The new chiller shall be a Trane RTWD with a minimum efficiency of 1 kW/ton at the same design criteria as the existing chillers, 44°F and 54°F leaving and entering CHW temperatures and 85°F and 95°F entering and leaving CW temperatures. The new chiller will be integrated into the overall central energy plant as defined in ECM-5. Tran will provide and install insulation on new or disturbed chilled water piping. Insulation to be 2" foam glass, wrapped with white service jacket. Trane will provide conduit and wiring to provide proper electrical power to the new chiller. Trane will reuse existing conduit as acceptable. All new conduits will be EMT. See the Detailed Study in Appendix B for schematic drawings of system layout.

ECM-8 City Hall Variable Flow Water Pumping

The current configuration of constant volume chilled water pumping and hot water pumping will be modified to provide variable volume chilled water pumping in the new CEP. See ECM-5 for details of the CEP Scope of Services. Under this Scope of Services, Trane will install a new VFD for each new primary CHW (2 each) and HW pump (2 each) installed under scope of work for ECM-5. Trane will install one differential pressure sensor in the primary loop on both the chilled water and hot water systems. The BAS will be programmed to allow the VFD control system to stage the primary CHW and HHW pumps and vary the pump speeds to maintain differential pressure setpoints. The sensors shall be installed at the locations and with optimum setpoints to ensure adequate supply of CHW to all of the AHUs and HHW to VAV boxes on the CHW and HHW loops while minimizing pumping energy. See the Detailed Study in Appendix B for schematic drawings of system layout.

ECM-10 Public Safety Variable Flow Water Pumping

The current configuration of constant volume chilled water pumping will be modified to provide variable volume chilled water pumping in the existing CEP. Under this Scope of Services, Trane will install a new VFD for each new primary CHW (2 each). Trane will install one differential pressure sensor in the primary loop on both the chilled water and hot water systems. The BAS will be programmed to allow the VFD control system to stage the primary CHW pumps and vary the CHW pump speeds to maintain differential pressure setpoints. The sensors shall be installed at the locations and with optimum setpoints to ensure adequate supply of CHW to all of the AHUs on the CHW loop while minimizing pumping energy. See the Detailed Study in Appendix B for schematic drawings of system layout.

ECM-12/13 Public Safety BAS –Setpoint & Setback Control

Through expansion of the existing Building Automation System and modification of existing programming, space temperature setpoints will be modified to allow differential setpoints for cooling mode and heating mode and from occupied to unoccupied conditions. Currently, cooling and heating setpoints are set at the same value, regardless of space occupancy conditions. All space setpoints for AHUs, VAV boxes, and FTB's to the following parameters (set occupied/unoccupied modes if programmable thermostat):

- Occupied Mode - cooling: 74° F with a +/- 2-deg throttling range.

- Occupied Mode - heating: 68° F with a +/- 2-deg throttling range.
- Unoccupied Mode – cooling: 80° F with a +/- 3-deg throttling range.
- Unoccupied Mode – heating: 60° F with a +/- 3-deg throttling range

ECM-15 Public Safety Demand Control Ventilation

Provide mechanical devices and BAS devices to allow the BAS to modulate outside air (OA) flow in the East Wing area based upon CO₂ levels as an indication of space occupancy conditions. CO₂ sensor-controlled OA ventilation systems modulate the amount of OA drawn into the building by the HVAC systems in response to return air CO₂ levels, which acts as an indicator for space occupancy levels. Installing CO₂ sensor-controlled OA ventilation systems will reduce OA ventilation rates when space occupancy is low, which will reduce heating and cooling energy consumption. Scope of Services will include installation CO₂ sensor-controlled outside air (OA) ventilation systems for the AHUs listed in the Detailed Study. Install a CO₂ sensor in the AHU return air path to monitor the return air CO₂ level. All of the AHUs involved in this ECM are included in ECM 3 and ECM 4, Unoccupied Hour Setback Control, which includes the installation of motorized OA damper actuators to open and close the OA dampers. This ECM requires the OA damper actuators of the AHUs in this ECM to be modulating type. Install control wiring, relays, and other necessary control accessories needed to achieve the intent of this ECM. Control points include:

- CO₂ analog input
- Damper position analog output

Program the BAS so that the OA damper modulates to maintain CO₂ levels of return air, and where additional CO₂ sensors are located, at a user-programmable setpoint, initially set at 700 ppm. See the Detailed Study in Appendix B for schematic drawings of system layout. The Public Safety building contains many exhaust fans in various areas of the buildings. If exhaust fans are allowed to operate continuously when OA is reduced by the CO₂ sensors, it will cause the building to operate under negative pressure. Buildings in a warm humid climate such as Florida's should always operate under positive pressure. Therefore, certain measures will be taken to minimize the exhaust fan airflows throughout the day through the use of connecting to the lighting occupancy sensors and manual rheostats. See the Detailed Study in Appendix B for schematic drawings of system layout and the proposed method of control for each fan.

ECM-16 Library 2nd Floor Air Handling Unit Replacements

Air Handler No. 1 and Air Handler No. 3 are located in the 2nd floor mechanical equipment room (MER). AHU No. 1 serves the 1st floor Library area and AHU No. 3 serves the 2nd floor Library area. Both units are at the end of their useful lives and in need of replacement. These units will be replaced with new Trane Performance Climate Changer units. AHU No. 1 will be selected to deliver 9,475 CFM of supply air to the 1st floor at an entering air condition of 76.3 deg F dry-bulb and 65.0 deg F wet-bulb temperatures and leaving condition of 55.6 deg F dry-bulb. AHU No. 3 will be selected to deliver 10,350 CFM of supply air to the 2nd floor at an entering air condition of 76.3 deg F dry-bulb and 65.0 deg F wet-bulb temperatures and leaving condition of 55.6 deg F dry-bulb. See the Detailed Study in Appendix B. for schematic drawings of system layout. The air systems included in this ECM are recommended for DDC conversion in ECM 15 and 16. The Single Zone AHUs in the Library have CHW cooling coils and electric duct heating coils. The cooling coils of these AHUs have 3-way control valves which modulate based on space temperature. Included below is a detail of the project sequence:

1. Work to be scheduled on a three day weekend to allow adequate time for system demolition and installation of new AHUs.
2. Existing units to be disconnected and demolished as necessary to remove from MER space.
3. New Trane AHUs will be delivered in disassembled modules to allow transport to the 2nd floor MER.
4. New Trane AHU will come with factory mounted control hardware and sensors for ease of installation.
5. New Units to be connected to the existing ductwork system and existing chilled water piping system.
6. Provide and install insulation on new chilled water piping. Insulation to be 2" foamglass, wrapped with white service jacket. Provide industry standard placards and directional flow arrows, per industry standards.
7. Modify the control system to allow the space or return air temperature sensor to modulate the supply air temperature. Mount and connect all necessary control devices on included in factory mount controls package.

8. BAS for the new units will be programmed to provide the space control as follows:
- Occupied Mode - cooling: 74° F with a +/- 2-deg throttling range.
 - Occupied Mode - heating: 68° F with a +/- 2-deg throttling range.
 - Unoccupied Mode – cooling: 80° F with a +/- 3-deg throttling range.
 - Unoccupied Mode – heating: 60° F with a +/- 3-deg throttling range

ECM-17 Library Water Conservation

Existing water consuming plumbing fixtures will be retrofit with flow reducing technologies or will be replaced with upgraded plumbing fixtures to reduce overall water consumption. See the table below for a summary of the Scope of Services. For retrofit details, see plumbing survey data contained in Appendix C.

Existing Plumbing Fixture	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
Wall Mounted Water Closet	13	13	Replace w/ Zurn Econvantage HET 1.28 gpf fixture
Wall Mounted Urinal	3	3	Retrofit flush valve w/Zurn Aquavantage 0.75 gpf
Lavatory Faucet	1	1	Retrofit w/ Chronomite Laboratories Laminar Series Flow Restrictor 1.0 gpm
Kitchen Faucet	2	2	Retrofit w/ Chronomite Laboratories Laminar Series Flow Restrictor 1.5 gpm
Lavatory Faucet	15	15	Retrofit w/ Chronomite Laboratories Laminar Series Flow Restrictor 0.5 gpm

ECM-20 Library Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures in the Library building. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x2 Wrap F20T12	2	2	Retrofit 1x2 w/(2) F17T8 & Elec. Ballast
1x4 Recess Acrylic F40T12S	12	12	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Recess Parabolic F40T12S	270	270	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Strip F40T12S	59	59	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Strip F40T12S	14	14	Retrofit 1x4 w/ LED LumaStick unit
1x4 T8 F32T8	4	4	Retrofit 1x3 w/(2) T8 & LP Elec. Ballast
1x8 Strip F40T12	10	10	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x8 Surface MiniCube F40T12	1	1	Retrofit 1x8 w/(4) T8 & LP Elec. Ballast
2x2 Recess Acrylic F40T12US	3	3	Retrofit 2x2 w/(2) F17T8, Elec. Ballast, & Reflector Kit
2x2 Recess Parabolic F40T12US	151	151	Retrofit 2x2 w/(2) F17T8, Elec. Ballast, & Reflector Kit
2x4 Recess Acrylic F40T12S	60	60	Retrofit 2x4 w/(2) T8 & LP Elec. Ballast

2x4 Recess Parabolic F40T12S	25	25	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
2x4 Recess Parabolic F40T12S	56	56	Retrofit 1x4 w/(3) T8 & LP Elec. Ballast
2x4 T8 F32T8	61	61	Retrofit 2x4 w/(3) T8 & LP Elec. Ballast
Double Face Exit Sign	12	12	Replace Fixture w/ LED/Battery
Incandescent	91	91	Replace fixture w/(1) 14w CF
Incandescent	3	3	Replace fixture w/(1) 23w CF
Incandescent	20	20	Retrofit w/(1) 4w LED MR
Incandescent	2	2	Replace fixture w/1x2 Vanity w/(2) F17T18 & Elec. Ballast
Incandescent	17	17	Replace w/LED LR6 Unit

ECM-21/22 Library BAS –Set point & Setback Control & Scheduling

Through expansion of the existing Building Automation System and modification of existing programming, space temperature setpoints will be modified to allow differential setpoints for cooling mode and heating mode and from occupied to unoccupied conditions. Currently, cooling and heating setpoints are set at the same value, regardless of space occupancy conditions. All space setpoints for AHUs to the following parameters (set occupied/unoccupied modes if programmable thermostat):

- Occupied Mode - cooling: 74° F with a +/- 2-deg throttling range.
- Occupied Mode - heating: 68° F with a +/- 2-deg throttling range.
- Unoccupied Mode – cooling: 80° F with a +/- 3-deg throttling range.
- Unoccupied Mode – heating: 60° F with a +/- 3-deg throttling range

ECM-23 Library RTU Replacements

The Library 3rd floor is served by two constant-volume packaged DX Rooftop Units (RTUs). These units have programmable thermostats but do not provide any form of active humidity control to the 3rd floor. RTUs do not control humidity well and are inefficient by today's energy standards. Trane will convert these DX RTUs to DX CDQ Units has potential energy savings and will provide active humidity control to the 3rd floor. The Trane CDQ (Cool Dry Quiet) system provides lower supply air dew point temperatures by breaking the cooling coil dew point barrier. It does this with an innovative desiccant wheel that transfers moisture from the supply air back to the mixed airstream. The result is that the cooling coil removes up to 200% more moisture per hour. The air systems included in this ECM are recommended for DDC conversion in ECM 15 and 16. See the Detailed Study in Appendix C. for schematic drawings of system layout. Included below is a detail of the project sequence:

1. Work to be scheduled on a three day weekend to allow adequate time for system demolition and installation of new AHUs.
2. The air systems included in this ECM are recommended for DDC conversion in ECM 15 and 16. The new DX CDQ units shall be controlled by the new building DDC systems.
3. Remove existing DX Packaged RTUs serving the 3rd floor of the Library
4. Remove existing control wiring and thermostats.
5. Remove existing supply and return ductwork as required to facilitate RTU removal.
6. Install new DX CDQ Units in place of old RTUs. Install roof curb adapters as required to facilitate CDQ installation.
7. Connect to existing supply and return ductwork.
8. Provide DDC-compatible thermostats for each unit and connect to new DDC Control System for Library.

ECM-24 Library Cool Roof Retrofit

The existing Library roof system is a Modified Bitumen Roofing System (MBRS) which is starting to show signs of deterioration from Central Florida weather exposure. Trane will apply a Roof Coating System over the existing

roof membrane which will seal and protect the roof system and extend the useful life by ten years and will improve the roof system's thermal performance and reflectivity. Included below is a detail of the project sequence:

1. Pressure-wash the existing MBRS to remove dirt and debris.
2. Inspect roof condition and flash any seams or breaks in the membrane using flashing grade.
3. Flash around roof penetrations where necessary.
4. Apply roof coating prime materials to existing roofing system.
5. Spray and back roll new reflective coating to entire roof area per manufacturer's recommendations.
6. Provide 10 year coating manufacturer's leak proof warranty.

ECM-25 Civic Center Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures in the Library building. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 Recess Acrylic F40T12S	10	10	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Wrap F40T12S	14	14	Retrofit 1x4 w/(1) T8 & LP Elec. Ballast
1x4 Strip F40T12S	60	60	Retrofit 1x4 w/(1) T8 & LP Elec. Ballast
2x4 Recess Acrylic F40T12S	28	28	Retrofit 2x4 w/(2) T8 & LP Elec. Ballast
1x3 Strip F30T12	2	2	Retrofit 1x3 w/(2) F25T8 & LP Elec. Ballast
1x3 Vanity F30T12	3	3	Retrofit 1x3 w/(2) F25T8 & LP Elec. Ballast
Incandescent	25	25	Replace fixture w/(1) 13w CF

ECM-28 Public Works Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures in the Public Works Building. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 Strip F40T12S	2	2	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
2x2 Recess Acrylic F40T12US	16	16	Retrofit 2x2 w/(2) F17T8, Elec. Ballast & Reflector Kit
2x4 Recess Acrylic F40T12S	24	24	Retrofit 2x4 w/(2) T8, Elec. Ballast & Reflector Kit
2x4 Recess Acrylic F40T12S	75	75	Retrofit 2x4 w/(4) T8 & LP Elec. Ballast
HID Metal Halide	8	8	Replace fixture w/(1) 32w CFL Flood

ECM-29 Public Works Lighting Control

Installation of room based occupancy sensors in all offices, conference rooms, mechanical rooms, and other spaces with intermittent occupancy to control room lighting. Sensors will be dual technology Passive Infrared

Radiation (PIR) and ultrasonic sensing for both motion and thermal energy. See below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Building Name	Room Location	Occupancy Sensor Type
Public Works	PW Office	Wall Switch
Public Works	Conference Room	Wall Switch
Public Works	Director's Office	Wall Switch
Public Works	Assistant Director Office	Wall Switch
Public Works	WW Office	Wall Switch
Public Works	PW 2 Office	Wall Switch
Public Works	PW Director's Office	Wall Switch
Public Works	PW 3 Office	Wall Switch
Public Works	Assistant PW Director Office	Wall Switch
Public Works	Assistant PW Engineer Office	Wall Switch
Public Works	Utility Director's Office	Wall Switch
Public Works	Training Room	Ceiling Switch
Public Works	Men's Restroom	Wall Switch
Public Works	Women's Restroom	Wall Switch
Public Works	Storage Closet	Wall Switch
Public Works	WW 2	Wall Switch
Public Works	Open Area	Ceiling Switch
Public Works	Open Area	Ceiling Switch
Public Works	PW 4 Office	Wall Switch
Public Works	Communication's Director Office	Wall Switch
Public Works	Design Coordinator's Office	Wall Switch

ECM-36 Farmer's Market Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the Farmer's Market. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x2 Strip F20T12	6	6	Retrofit 1x2 w/(2) F17T8 & Elec. Ballast
1x4 Recess Acrylic	3	3	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Strip F40T12S	13	13	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Wrap F40T12S	1	1	Retrofit 1x4 w/(4) T8 & LP Elec. Ballast
Double Face Exist	6	6	Replace Fixture w/ LED/Battery
Incandescent	1	1	Relamp w/(1) 14w CF Spiral
Incandescent	13	13	Relamp w/(1) 23w CF Spiral
Incandescent	8	8	Relamp w/(1) 16w R30 CF
Incandescent	3	3	Replace w/1x4 Wrap w/(2) T8 & LP Elec. Ballast
Incandescent	6	6	Replace w/LED LR6 Unit

ECM-37 Welcome Center Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the Welcome Center. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 T8 F32T8	16	16	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
2x4 T8 F32T8	1	1	Retrofit 2x4 w/(2) T8, Elec. Ballast & Reflector Kit
2x4 T8 F32T8	66	66	Retrofit 2x4 w/(3) T8 & LP Elec. Ballast
Incandescent	22	22	Relamp w/(1) 16w R30 CF
Incandescent	98	98	Relamp w/(1) 4w LED MR

ECM-38 Fire Station #62 Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the Fire Station #62. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 T8 F32T8	96	96	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 T8 F32T8	33	33	Retrofit 1x4 w/(4) T8 & LP Elec. Ballast
HID Metal Halide	12	12	Replace w/(1) 150w Metal Halide Pulse Start Wall Pack
Incandescent	6	6	Replace w/(1) LED LR6 Unit

ECM-39 Fire Station #62 Lighting Control

Installation of room based occupancy sensors in all offices, conference rooms, mechanical rooms, and other spaces with intermittent occupancy to control room lighting. Sensors will be dual technology Passive Infrared Radiation (PIR) and ultrasonic sensing for both motion and thermal energy. See below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Building Name	Room Location	Occupancy Sensor Type
Fire Station #62	Multi-Purpose Room	Wall Switch
Fire Station #62	Storage Closet	Wall Switch
Fire Station #62	Restroom	Wall Switch
Fire Station #62	Administration/Office	Wall Switch

ECM-40 Fire Station #64 Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the Fire Station #64. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 Recess Acrylic F40T12S	1	1	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast

1x4 Strip F40T12S	1	1	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x8 T8 4' F32T8	12	12	Retrofit 1x8 w/(4) T8 & LP Elec. Ballast
2x2 Recess Acrylic F40T12US	2	2	Retrofit 2x2 w/(2) F17T8, LP Elec. Ballast & Reflector Kit
2x4 Recess Acrylic F40T12S	3	3	Retrofit 2x4 w/(2) T8, LP Elec. Ballast & Reflector Kit
2x4 Recess Acrylic F40T12	4	4	Retrofit 2x4 w/(4) T8 & LP Elec. Ballast
Incandescent	2	2	Relamp w/(1) 14w CF Spiral
Incandescent	3	3	Relamp w/(1) 23w CF Spiral

ECM-41 Golfview Terrace Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the Golfview Terrace. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
Incandescent	2	2	Relamp w/(1) 23w R30 CF
Incandescent	1	1	Relamp w/(1) 23w CF Spiral

ECM-42 Golf Course Clubhouse Lighting Retrofit Included is a complete retrofit of all the appropriate lighting fixtures at the Golf Course Clubhouse. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 Industrial F40T12S	1	1	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Surface Mount F40T12S	2	2	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 T8 F32T8	2	2	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x8 Industrial F96T12S	12	12	Retrofit 1x8 w/(4) T8, LP Elec. Ballast & Reflector Kit
1x8 Strip F96T12S	23	23	Retrofit 1x8 w/(4) T8, LP Elec. Ballast & Reflector Kit
2x4 Recess Acrylic F40T12S	4	4	Retrofit 2x4 w/(2) T8 & LP Elec. Ballast
2x4 T8 F32T8	8	8	Retrofit 2x4 w/(3) T8 & LP Elec. Ballast
Incandescent	24	24	Relamp w/(1) 14w CF Spiral
Incandescent	2	2	Relamp w/(1) 23w CF Spiral
Incandescent	8	8	Relamp w/(1) 23W R30 CF
Incandescent	44	44	Relamp w/(1) LED Deco Lamp
Incandescent	9	9	Replace fixture w/2x13 Drum Fixture
Incandescent	2	2	Replace fixture w/(1) 32w CFL Flood
Incandescent	6	6	Replace fixture w/(1) LED LR6 Unit

ECM-43 Golf Course Clubhouse Lighting Control

Installation of room based occupancy sensors in all offices, conference rooms, mechanical rooms, and other spaces with intermittent occupancy to control room lighting. Sensors will be dual technology Passive Infrared Radiation (PIR) and ultrasonic sensing for both motion and thermal energy. See below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Building Name	Room Location	Occupancy Sensor Type
Golf Clubhouse	Multi-Purpose Room	Wall Switch
Golf Clubhouse	Admin/Office	Wall Switch
Golf Clubhouse	Admin/Office	Wall Switch

ECM-44 Meade Garden Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at Meade Garden. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 Industrial F40T12S	10	10	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Strip F40T12S	40	40	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 T8 F32T8	6	6	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Vapor Tight F40T12S	6	6	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Wrap F40T12S	9	9	Retrofit 1x4 w/(4) T8 & LP Elec. Ballast
1x8 Industrial F96T12S	8	8	Retrofit 1x8 w/(4) T8, Elec. Ballast & Reflector Kits
1x8 Strip F96T12S	1	1	Retrofit 1x8 w/(4) T8, Elec. Ballast & Reflector Kit
2x2 Recess Acrylic F40T12US	1	1	Retrofit 2x2 w/(2) F17T8, Elec. Ballast & Reflector Kit
2x4 Recess Acrylic F40T12S	9	9	Retrofit 2x4 w/(2) T8, Elec. Ballast & Reflector Kit
HID Metal Halide	2	2	Replace fixture w/(1) 32w CFL Flood
Incandescent	7	7	Relamp w/(1) 14w CF Spiral
Incandescent	30	30	Relamp w/(1) 23w CF Spiral
Incandescent	6	6	Relamp w/(1) 23w R30 CF
Incandescent	4	4	Replace fixture w/(2) Vanity F17T8 & LP Elec. Ballast
Incandescent	2	2	Replace Fixture w/(1) 2x13 Drum

ECM-45 Meade Garden Lighting Control

Installation of room based occupancy sensors in all offices, conference rooms, mechanical rooms, and other spaces with intermittent occupancy to control room lighting. Sensors will be dual technology Passive Infrared Radiation (PIR) and ultrasonic sensing for both motion and thermal energy. See below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Building Name	Room Location	Occupancy Sensor Type
Meade Garden	Administration/Office	Ceiling Switch
Meade Garden	Administration/Office	Wall Switch
Meade Garden	Administration/Office	Wall Switch
Meade Garden	Administration/Office	Wall Switch

ECM-46 Police Training Area Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the Police Training Area. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 T8 F32T8	7	7	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x8 Vapor Tight F96T12S	3	3	Replace Fixture w/1x8 Vapor Tight w/(4) T8 & LP Elec. Ballast
2x4 T8 F32T8	36	36	Retrofit 2x4 w/(2) T8 & LP Elec. Ballast
2x4 T8 F32T8	24	24	Retrofit 2x4 w/(3) T8 & LP Elec. Ballast
HID Metal Halide	11	11	Replace Fixture w/(1) 32w CFL Flood
Incandescent	104	104	Relamp w/(1) 23w R30 CF
Incandescent	5	5	Replace Fixture w/(1) 2x13 Drum

ECM-48 Fleet Peoples Park Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at Fleets Peoples Park. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 T8 F32T8	2	2	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 T8 4' F32T8	2	2	Retrofit 1x4 w/(4) T8 & LP Elec. Ballast
1x8 Wrap F96T12S	2	2	Replace Fixture w/1x8 Vapor Tight w/(4) T8 & LP Elec. Ballast
Incandescent	8	8	Relamp w/(1) 23w R30 CF

ECM-49 Lake Island Area Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the Lake Island Area. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 Strip F40T12S	17	17	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast

1x4 Surface Mini F40T12S	2	2	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 T8 F32T8	25	25	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
2x4 Recess Acrylic F40T12	12	12	Retrofit 2x4 w/(4) T8 & LP Elec. Ballast
Metal Halide	13	13	Replace Fixture w/150w Metal Halide Pulse Start Wall Pack
Incandescent	2	2	Relamp w/(1) 14w CF Spiral
Incandescent	6	6	Replace Fixture w/(1) 13w Drum Fixture
Incandescent	1	1	Replace Fixture w/(2) 13w Drum Fixture

ECM-50 Lake Island Area Lighting Control

Installation of room based occupancy sensors in all offices, conference rooms, mechanical rooms, and other spaces with intermittent occupancy to control room lighting. Sensors will be dual technology Passive Infrared Radiation (PIR) and ultrasonic sensing for both motion and thermal energy. See below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Building Name	Room Location	Occupancy Sensor Type
Lake Island	Administration/Office	Wall Switch
Lake Island	Administration/Office	Wall Switch

ECM-51 McKean Arboretum Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the McKean Arboretum. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
Incandescent	4	4	Relamp w/(1) 23w CF Spiral

ECM-53 Dinky Dock Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the Dinky Dock. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
Incandescent	4	4	Relamp w/(1) 23w R30 CF
1x4 Vapor Tight F40T12S	12	12	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast

ECM-55 ITS Building Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the ITS Building. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 Industrial F40T12S	10	10	Retrofit 1x4 w/(2) T8 & LP Elec.

			Ballast
1x4 Strip F40T12S	2	2	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
2x2 Recess Acrylic F40T12US	3	3	Retrofit 2x2 w/(2) F17T8, Elec. Ballast & Reflector Kit
2x4 Recess Acrylic F40T12S	6	6	Retrofit 2x4 w/(3) T8 & LP Elec. Ballast
Metal Halide	4	4	Replace Fixture w/(1) 32w CFL Flood
Incandescent	12	12	Replace Fixture w/(1) 16w R30 CFL
Incandescent	1	1	Replace Fixture w/(1) 13w Drum Fixture
Incandescent	13	13	Replace Fixture w/(1) LED LR6 Unit

ECM-56 Bongart Plant Area Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the Bongart Waste Water Plant. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 Industrial F40T12S	2	2	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Strip F40T12S	1	1	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Surface Mini F40T12S	4	4	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 T8 F32T8	6	6	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Vapor Tight F40T12S	10	10	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x8 Industrial F96T12S	1	1	Retrofit 1x8 w/(4) T8, LP Elec. Ballast & Reflector Kit
1x8 Industrial 4' F96T12S	2	2	Retrofit 1x8 w/(4) T8 & LP Elec. Ballast
1x8 Strip F96T12S	1	1	Retrofit 1x8 w/(4) T8, LP Elec. Ballast & Reflector Kit
2x4 Recess Acrylic F40T12S	52	52	Retrofit 2x4 w/(4) T8 & LP Elec. Ballast
2x4 Surface Mini Cube F40T12S	6	6	Retrofit 2x4 w/(4) T8 & LP Elec. Ballast
HID High Pressure Sodium	1	1	Replace Fixture w/(1) 32w CF Flood
HID High Pressure Sodium	2	2	Replace Fixture w/(1) T8, Elec. Ballast, & Reflector Kit
Incandescent	4	4	Relamp w/(1) 23w CF Spiral
Incandescent	3	3	Relamp w/(2) 14w CF Spiral
Incandescent	1	1	Replace Fixture w/(1) 32w CFL Flood
Quartz Q250	1	1	Replace Fixture w/(1) 32w CFL Flood

ECM-57 Bongart Plant Area Lighting Control

Installation of room based occupancy sensors in all offices, conference rooms, mechanical rooms, and other spaces with intermittent occupancy to control room lighting. Sensors will be dual technology Passive Infrared Radiation (PIR) and ultrasonic sensing for both motion and thermal energy. See below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Building Name	Room Location	Occupancy Sensor Type
Bongart Plant	Administration/Office	Wall Switch
Bongart Plant	Restroom	Wall Switch
Bongart Plant	Administration/Office	Wall Switch
Bongart Plant	Multi-Purpose Room	Ceiling Switch
Bongart Plant	Storage Room	Wall Switch
Bongart Plant	Restroom	Wall Switch

ECM-58 Azalea Recreation Center Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the Azalea Recreation Center. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 Strip F40T12S	2	2	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 T8 F32T8	8	8	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Wrap F40T12S	4	4	Retrofit 1x4 w/(4) T8 & LP Elec. Ballast
2x4 Recess Acrylic F40T12S	9	9	Retrofit 1x4 w/(2) T8, LP Elec. Ballast & Reflector Kit
2x4 Recess Acrylic F40T12S	29	29	Retrofit 1x4 w/(4) T8, LP Elec. Ballast & Reflector Kit
Incandescent	8	8	Relamp w/(1) 23w R30 CF
Incandescent	13	13	Replace Fixture w/(1) 13w Drum

ECM-59 Azalea Recreation Center Lighting Control

Installation of room based occupancy sensors in all offices, conference rooms, mechanical rooms, and other spaces with intermittent occupancy to control room lighting. Sensors will be dual technology Passive Infrared Radiation (PIR) and ultrasonic sensing for both motion and thermal energy. See below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Building Name	Room Location	Occupancy Sensor Type
Azalea Rec Center	Administration/Office	Ceiling Switch
Azalea Rec Center	Administration/Office	Wall Switch
Azalea Rec Center	Administration/Office	Wall Switch
Azalea Rec Center	Multi-Purpose Room	Ceiling Switch
Azalea Rec Center	Storage Room	Wall Switch
Azalea Rec Center	Multi-Purpose Room	Ceiling Switch

ECM-60 Azalea Tennis Tower Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the Azalea Tennis Tower. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 Strip F40T12S	14	14	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Wrap F40T12	8	8	Retrofit 1x4 w/(4) T8 & LP Elec. Ballast

ECM-61 Magnolia Plant Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the Magnolia Water Plant. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 T8 F32T8	2	2	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x8 Industrial F96T12S	14	14	Replace Fixture w/(1) 1x8 Vapor Tight w/(4) T8 & LP Elec. Ballast
1x8 Vapor Tight F96T12S	20	20	Replace Fixture w/(1) 1x8 Vapor Tight w/(4) T8 & LP Elec. Ballast
2x2 T8 FBO32T8US/841/ECO	3	3	Retrofit 2x2 w/(2) F17T8, Elec. Ballast & Reflector Kit
HID Metal Halide	15	15	Replace Fixture w/1x4 Vapor Tight w/(2) T8 & LP Elec. Ballast
HID Metal Halide	16	16	Replace Fixture w/(1) 84w CFL Wall Pack
HID Metal Halide	15	15	Retrofit w/(1) 32w CFL

ECM-62 PWC Area Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the PWC Work Center. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 Recess Acrylic F40T12S	2	2	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 Strip F40T12S	1	1	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x8 Strip F96T12S	28	28	Retrofit 1x8 w/(4) T8, LP Elec. Ballast & Reflector Kit
1x8 T8 4' F32T8	19	19	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
2x2 Recess Acrylic F40T12US	2	2	Retrofit 2x2 w/(2) F17T8, LP Elec. Ballast & Reflector Kit
2x2 T8 F32T8	3	3	Retrofit 2x2 w/(2) F17T8, LP Elec. Ballast & Reflector Kit
2x4 Recess Acrylic F40T12S	9	9	Retrofit 2x4 w/(2) T8, LP Elec. Ballast & Reflector Kit
2x4 Recess Acrylic F40T12S	4	4	Retrofit 2x4 w/(4) T8 & LP Elec. Ballast
2x4 T8 F32T8	4	4	Retrofit 2x4 w/(2) T8 & LP Elec. Ballast

2x4 T8 F32T8	12	12	Retrofit 2x4 w/(2) T8, LP Elec. Ballast & Reflector Kit
2x4 T8 F32T8	8	8	Retrofit 2x4 w/(4) T8 & LP Elec. Ballast
Incandescent	3	3	Relamp w/(1) 14w CF Spiral
Incandescent	3	3	Relamp w/(1) 23w CF Spiral
Incandescent	1	1	Replace Fixture w/(1) LED LR6 Unit

ECM-63 PWC Area Lighting Controls

Installation of room based occupancy sensors in all offices, conference rooms, mechanical rooms, and other spaces with intermittent occupancy to control room lighting. Sensors will be dual technology Passive Infrared Radiation (PIR) and ultrasonic sensing for both motion and thermal energy. See below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Building Name	Room Location	Occupancy Sensor Type
PWC Area	Administration/Office	Ceiling Switch
PWC Area	Administration/Office	Wall Switch
PWC Area	Administration/Office	Wall Switch
PWC Area	Administration/Office	Wall Switch
PWC Area	Multi-Purpose Room	Wall Switch
PWC Area	Multi-Purpose Room	Wall Switch
PWC Area	Multi-Purpose Room	Wall Switch
PWC Area	Open Area	Ceiling Switch
PWC Area	Administration/Office	Wall Switch

ECM-64 PWC Lakes Building Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the PWC Lakes Building. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x3 Vanity F30T12	1	1	Retrofit 1x3 w/(2) F25T8 & LP Elec. Ballast
1x4 Strip F40T12S	10	10	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x4 T8 F32T8	2	2	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x8 Strip F96T12S	6	6	Retrofit 1x8 w/(4) T8, LP Elec. Ballast & Reflector Kit
1x8 T8 4' F32T8	15	15	Retrofit 1x8 w/(4) T8 & LP Elec. Ballast
2x2 Recess Acrylic F40T12US	1	1	Retrofit 2x2 w/(2) F17T8, Elec. Ballast & Reflector Kit
2x4 Recess Acrylic F40T12S	2	2	Retrofit 2x4 w/(2) T8 & LP Elec. Ballast
2x4 Recess Acrylic F40T12S	10	10	Retrofit 2x4 w/(2) T8, LP Elec. Ballast & Reflector Kit
2x4 Recess Acrylic F40T12S	7	7	Retrofit 2x4 w/(4) T8 & LP Elec. Ballast
2x4 T8 F32T8	6	6	Retrofit 2x4 w/(2) T8 & LP Elec. Ballast

Double Faced Exist	2	2	Replace Fixture w/(1) LED/Battery
Incandescent	1	1	Replace Fixture w/(1) LED LR6 Unit

ECM-65 PWC Building #4 Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the PWC Building #4. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 T8 F32T8	17	17	Retrofit 1x4 w/(2) F25T8 & LP Elec. Ballast
HID Metal Halide	4	4	Replace Fixture w/(1) 32w CFL Flood

ECM-66 PWC Building #11 Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the PWC Building #11. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 T8 F32T8	25	25	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x8 T8 4' F32T8	25	15	Retrofit 1x8 w/(4) T8 & LP Elec. Ballast
2x4 T8 F32T8	18	18	Retrofit 2x4 w/(2) T8 & LP Elec. Ballast
HID High Pressure Sodium	10	10	Replace Fixture w/(1) 32w CFL Flood
HID Metal Halide	5	5	Remove Existing Fixture

ECM-67 PWC Building #12 Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the PWC Building #12. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x4 T8 F32T8	5	5	Retrofit 1x4 w/(2) T8 & LP Elec. Ballast
1x8 Strip F96T12	3	3	Retrofit 1x8 w/(4) T8, LP Elec. Ballast & Reflector Kit
1x8 T8 4' F32T8	2	2	Retrofit 1x8 w/(4) T8 & LP Elec. Ballast
2x4 T8 F32T8	23	23	Retrofit 2x4 w/(2) T8 & LP Elec. Ballast
HID Metal Halide	12	12	Replace Fixture w/(1) 32w CFL Flood
Incandescent	4	4	Replace Fixture w/(1) LED LR6 Unit

ECM-69 PWC Building #20 Lighting Control

			Ballast
HID Metal Halide	4	4	Replace Fixture w/ (1) 150w Metal Halide Pulse Start Wall Pack
Incandescent	8	8	Relamp w/(1) 23w R30 CF
Incandescent	2	2	Replace Fixture w/(1) 32w CFL Flood

ECM-71 PWC Storage #1 Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the PWC Storage Building #1. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x8 T8 4' F32T8	14	14	Retrofit 1x8 w/(4) T8 & LP Elec. Ballast
Incandescent	4	4	Relamp w/(1) 23w CF

ECM-72 PWC Storage #2 Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the PWC Storage Building #2. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x8 Strip F96T12S	28	28	Retrofit 1x8 w/(4) T8, LP Elec. Ballast & Reflector Kit
Incandescent	9	9	Relamp w/(1) 23w CF

ECM-73 PWC Storage #3 Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the PWC Storage Building #3. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
1x8 Vapor Tight F96T12	3	3	Retrofit 1x8 w/(4) T8 & LP Elec. Ballast
Incandescent	4	4	Replace Fixture w/(1) 1x4 Vapor Tight T8 & LP Elec. Ballast

ECM-75 PWC Fuel Island Lighting Retrofit

Included is a complete retrofit of all the appropriate lighting fixtures at the PWC Fuel Island. See the below table for a summary of the Scope of Services. For room by room details, see the Detailed Lighting Audit included in Appendix C.

Existing Lighting System	Existing Quantity	Proposed Quantity	Proposed Retrofit Solution
HID Metal Halide	4	4	Replace Fixture 2x2 Surface w/(4) 28w Biax Lamp & LP Elec. Ballast

ECM-79 City Wide – Various Buildings Programmable Thermostats

Trane will provide the City of Winter Park with 30 programmable thermostats for owner installation in facilities and offices not addressed under this Scope of Services. The owner will be responsible for installation, programming, start up, and commissioning of new thermostat installations.

ECM-91 City Wide – Energy Seminar

Trane will conduct two Energy Awareness seminars for the City of Winter Park.

1. Residential Energy Awareness Campaign (REAC) through which we will distribute Energy Efficient Compact Florescent Lamps along with flyers describing energy savings techniques and products available for energy conservation in homes. The distributions will occur at public places such as libraries, fairs, and other community events. The program will include the flyers for distribution and the purchase and distribution of the Compact Florescent Lamps.

2. An Energy Conservation / LEED Training Program designed to get our commercial and industrial businesses involved in energy conservation. Our goal will be to target 200 Commercial, Multiple Dwelling and Public Authority City Utility customers. The training will be daylong classes involving what facilities can do to conserve energy. Trane will offer a “Free Energy Analysis” to each business participant. For each business in attendance, Trane will perform this audit using their patented “Energy Analyzer Program”, describing the individual facilities current energy use and the opportunities to save energy. The program will include course materials for each attendee.

Schedule B Description of Facilities

The City of Winter Park is located just north of Orlando, FL. The following sub-sections briefly describe the buildings within this energy audit and their predominant HVAC system types. Detailed descriptions of the building from the site survey are presented in Appendix D.

General

The energy audit and performance contract includes most of the City buildings and park areas with emphasis on City Hall, Public Safety, Civic Center and Library. Over 21 facility complexes comprising of over 194,764 square feet as described in Table 4a are included.

Table 2b lists the buildings included in the project scope that were modeled using Trace 700 Building modeling software. Trace 700 models for the four (4) main facilities to determine the iterative effects of our proposed conservation measures. In addition, other modeling software and tools determined levels of savings at the other facilities

Table 1a: Buildings Included in Project Scope

B u i l d i n g N a m e	S q F o o t a g e
Alom a Water Treatment Plant	
Azalea Lane Recreation Center	4 1 0 3 . 3 6
Azalea Lane Tennis Tower	1 3 3 5 . 7 4
Bogart Plant Area	8 2 4 . 8 2
Cady way Park Area	3 8 9 0 . 3 4
City Hall Area	2 4 0 3 8 . 1 6
Civic Center	1 0 5 7 8 . 1 8
Farmer's Market Area	4 9 1 7 . 8 4
Fire Station #62	2 7 6 6 . 4 4
Fire Station #64	2 2 3 8 . 5 6
Golf Course Club House	3 7 3 5 . 8 8
Library	3 4 6 0 7 . 5 5
Lake Island Recreation Center	2 1 2 0 . 6 9
Lake Island Maintenance Building (Metal Restroom?)	6 1 7 . 1 4
Lake Island Playground Restroom	3 2 9 . 6 6
Lake Island/Rollins Ball field	0
Mead Gardens Area	6 5 0 1 . 5 9
Police Training Area	1 3 4 1 3 . 6 6
Public Safety Compound Area	6 8 0 2 2
Public Safety--Fire 61	incl in line 41
Palm Cemetery Maintenance Bldg	2 6 5 7 . 1 2
PWC Area	New bldg; no sq ft data
Swoope Plant	3 4 8 4 . 9 5
Ward Park Area	2 1 2 6 . 7 8
Welcome Center/COC	5 5 2 0 . 6 9

Total foot age**194,764****Table 2b: Modeled Buildings Included in Project Scope**

Buildings	Description	Floor Sq. Ft
Winter Park Library	Public Library	34,607
Winter Park Civic Center	Event/Activities Center	10,578
Winter Park City Hall	City Hall/City Commission	24,038
Public Safety Building	Police/Fire Station/911 Call Center	68,022
Total	Four Buildings	137,245

Typical operation hours of City Hall are Monday thru Friday from 8:00 am to 5:00 pm. Typical operation hours for the Public Library are Monday thru Saturday from 8:00 am to 7:00 pm and Sunday from Noon to 6:00 pm. The

Public Safety Building operates almost 24 hrs/day, 7 days/week. The Civic Center operates on an as-needed basis for functions.

Building Envelope

All of the buildings in the project scope are two or more story buildings. Most buildings have concrete block exterior walls with stucco finish. Exterior walls of the Library are concrete block with brick. All buildings have flat built-up roofs. The Library and Public Safety Building have single pane windows with slightly tinted glazing. The rest of the buildings have single pane windows with clear glazing. Table 3 summarizes the envelope information of the buildings included in the project scope.

Table 3: Buildings Envelope Summary

Buildings	Exterior Wall	Roof	Window
Winter Park Library	Brick	Built-up, flat	Single-pane, tinted
Winter Park Civic Center	Stucco	Built-up, flat	Single-pane, clear
Winter Park City Hall	Stucco	Built-up, flat	Single-pane, clear
Public Safety Building	Stucco	Built-up, flat	Single-pane, tinted

Lighting Systems

The buildings are predominantly lit via 2x4 fluorescent fixtures that mostly have two or three lamps. A few areas have down lights mostly with incandescent lamps. There are no occupancy sensors for lighting control in the buildings. Most of the exit sign lights are LED type.

The lighting survey was conducted by a lighting consultant contracted directly to Trane. The Library, Civic Center, City Hall, and Public Safety Buildings and their parking lots, as well as an additional 42 sites were surveyed. Total lighting loads of the buildings surveyed including parking lot lighting is 917 kW.

HVAC

Table 4 summarizes the space heating and cooling and HVAC control systems of the buildings in this project.

Table 4: Building Heating, Cooling and Control Systems

Building	Cooling Source			Heating Source			Control
	Bldg A/C Chiller	Bldg W/C Chiller	DX	Bldg Boiler	Electric Heat	Heat Pump	
Winter Park Library	x		x		x		Electric/Electronic
Winter Park Civic Center			x			x	Electric
Winter Park City Hall		x	x	x		x	Electric
Public Safety Building	x		x		x		Electronic

The following sub-sections describe the predominant heating, cooling, air distribution and control systems of the buildings in this project.

Cooling

Space cooling of the buildings is provided by air handling units (AHUs) with chilled water (CHW) coils or refrigerant direct expansion (DX) coils. CHW for the Library (except the 3rd floor) and Public Safety is provided by local air-cooled chillers at the buildings. CHW for the City Hall is provided by a local water-cooled chiller at the

building. Space cooling for the Civic Center, Library 3rd floor, and certain areas of City Hall and Public Safety Building is provided by DX systems, some of which are heat pumps.

The air-cooled chillers for the Library and Public Safety Building are scroll and screw chillers, respectively, with sizes ranging from 60 tons to 250 tons. The water-cooled chiller and cooling tower for City Hall are 50 tons.

Heating

Space heating of most of the buildings is provided by AHUs with hot water (HW) coils or electric resistance heating coils and heat pumps. HW for City Hall is provided by a local HW boiler at the building utilizing natural gas for fuel. Space heating of the rest of the buildings and part of City Hall is provided by electric resistance coils or heat pumps.

Air Distribution

Air conditioning of the buildings in this project is provided by AHUs with CHW coils of various configurations, DX systems, and heat pump systems. AHU types serving these buildings include VAV and CAV single zone systems. All VAV systems utilize variable speed drives for air volume controls and some of them have heating in the terminal boxes. Only the City Hall AHUs have HW heating coils. The remaining AHUs have electric resistance heating coils. DX and heat pump systems are either packaged units or split system type; all of these systems use electric for primary or supplemental heating. Table 5 summarizes the air distribution system types of the buildings in this project.

Table 5: Building Air Distribution Systems

Buildings	Single Zone	VAV	DX	Heat Pump
Library	X			
Library 3rd floor			X	
Civic Center				X
City Hall - Basement/East Wings	X			
City Hall - North Wing				X
Public Safety Building		X		
Public Safety Building - 911 Call Ctr			X	

Controls

HVAC controls of most of the buildings in this project are electric, with the exception of the Public Safety Building, which has an electronic DDC control system.

Schedule C Energy Savings Guarantee

Section 1. Energy Savings Guarantee. Trane guarantees that, as a result of the Services Trane will furnish hereunder, *City of Winter Park, Florida* will realize Total Energy Savings shown in Table 1, in each of the consecutive twelve-month periods following the Commencement Date (each such twelve-month period being hereafter referred to as a "Guarantee Year") for the Guarantee Term (collectively, the "Guarantee").

Table 1 – Annual Total Energy Use Savings per ECM

ECM (Sub-Exhibit ID#)	Option A: Partially Measured Retrofit Isolation			
	Energy Saved (kWh)	Demand Saved (kW)	Natural Gas Saved (therm)	Domestic Water Saved (kgal)
Lighting (E.1)	434,619	106	0	0
Sub-Total	434,619	106	0	0
ECM (Sub-Exhibit ID#)	Stipulated: Non-Measured Retrofit Isolation			
	Energy Saved (kWh)	Demand Saved (kW)	Natural Gas Saved (therm)	Domestic Water Saved (kgal)
Domestic Water (E.2)	0	0	29	649
Sub-Total	0	0	29	649
Building Name	Option C: Whole Facility			
	Energy Saved (kWh)	Demand Saved (kW)	Natural Gas Saved (therm)	Domestic Water Saved (kgal)
Public Safety	326,814	517	0	0
Library	116,433	315	0	0
Civic Center	29,107	78	0	0
City Hall	489,460	127	1,170	0
Sub-Total	961,814	1,037	1,170	0
Grand Total Energy Savings (annual)	1,396,434	1,143	1,199	649

Due to rounding of numbers, some numbers in the table above may vary slightly from similar energy references within this Agreement.

Section 2. Calculated Monetary Value of Total Energy Savings. Table 2 sets forth the annual calculated monetary value of Total Energy Use Savings per building or ECM for each method using the Base Utility Rates defined in Section 15.

Table 2 – Calculated Monetary Value of Annual Total Energy Use Savings Per Building or ECM

Building or ECM (Exhibit ID#)	Guarantee Options			Total Energy Use Savings
	Option A	Stipulated	Option D	
Lighting (E.1)	\$41,733			\$41,733
Domestic Water (E.2)		\$4,886		\$4,886
Public Safety			\$27,844	\$27,844
Library			\$10,352	\$10,352
Civic Center			\$3,101	\$3,101
City Hall			\$38,101	\$38,101
Grand Total Dollar Savings (annual)	\$41,733	\$4,886	\$79,398	\$126,017

* Some of the dollar amounts in the table above may vary slightly from similar dollar amounts within this Agreement due to rounding.

Section 3. Calculated Monetary Value of Energy and Operational Savings With Escalation. Table 3 sets forth the calculated monetary value of Total Energy Use Savings (calculated using the Base Utility Rates defined in Section 15) and Operational Savings, for each year of the Guarantee Term, escalated each year by the stipulated percentage shown, which is a reasonable projection of inflation (for utility costs and other costs) based on past inflation experience and the parties' expectations. Operational Savings are stipulated by the parties and are not included within the Guarantee.

Table 3 – Calculated Monetary Value of Annual Total Energy Savings and Operational Savings All With A 3% Annual Utility and 2.5% Annual Operational, Cost or Price Escalation

Total Savings (\$)				
Year	Total Energy Use Savings	Rate Change Savings (stipulated)	Operational Savings (stipulated)	Total Savings
1	\$126,017	\$0	\$212,992	\$339,009
2	\$129,798	\$0	\$218,317	\$348,114
3	\$133,691	\$0	\$223,775	\$357,466
4	\$137,702	\$0	\$229,369	\$367,071
5	\$141,833	\$0	\$235,103	\$376,937
6	\$146,088	\$0	\$240,981	\$387,069
7	\$150,471	\$0	\$247,005	\$397,476
8	\$154,985	\$0	\$253,181	\$408,166
9	\$159,635	\$0	\$259,510	\$419,145
10	\$164,424	\$0	\$265,998	\$430,421

Section 4. IPMVP Methodology. Four (4) different methods may be utilized to measure and calculate the Total Energy Savings: Option A – Partially Measured Retrofit Isolation and/or Stipulated; Option B – Retrofit Isolation; Option C – Whole Facility; and Option D – Calibrated Simulation. Each method is in accordance with

the International Performance Measurement and Verification Protocol (IPMVP). The four methods are generally described in Sections 5 through 8. The type and location of energy conservation measures (ECM) installed determine which measurement and calculation method to utilize.

Section 5. Option A. Partially Measured Retrofit Isolation. The verification techniques for Option A determine energy savings by measuring the capacity or efficiency of a system before and after a retrofit, and multiplying the difference by an agreed-upon or “stipulated” factor, such as hours of operation or load on the system. Careful review of ECM design and installation ensure that stipulated values fairly represent the probable actual value. Specific M&V methodologies and stipulations for each savings strategy are detailed in sub Exhibit E.1.

Section 6. Option B. Retrofit Isolation. Verification techniques for Option B are designed for projects where long-term continuous measurement of performance is desired. Under Option B, individual loads are continuously monitored to determine performance, and this measured performance is compared with a baseline to determine savings. Option B M&V techniques provide long-term persistence data on ECM operation and performance. This data can be used to improve or optimize the operation of the equipment on a real-time basis, thereby improving the benefit of the retrofit. Option B also relies on the direct measurement of affected end uses. Specific M&V methodologies for each savings strategy are detailed in sub Exhibit E.1.

Section 7. Option C. Whole Facility. Verification techniques for Option C determine savings by studying overall energy use in a facility and identifying the effects of energy projects from changes in overall energy use patterns. This approach is intended for measurements of the whole-facility or specific meter baseline energy use, and measurements of whole-facility or specific meter post-implementation (Post) energy use can be measured. The methodology to establish baseline and post parameter identification, modeling approach and baseline or model adjustments will be defined in Section 17 Guarantee Reconciliation of this Schedule C. Periodic inspections of baseline energy usage, operating practices, and facility and equipment, and meter measurements of the will be necessary to verify the on-going efficient operation of the equipment, systems, practices and facility, and saving attainment.

Except as otherwise provided, actual Total Energy Use Savings will be calculated for each month of each Guarantee Year as the product of (a) “units of energy saved” (kWh, therms, gallons, etc.) multiplied by (b) applicable Base Utility Rates.

Units of energy saved are computed by the “Metrix” software application. “Metrix” is an accounting software application copyrighted by Abraxas Energy Services, Inc. Units of energy saved are calculated by subtracting current period measured units of energy consumed from the adjusted Base Facility Utility Consumption units of energy defined in Section 16 Base Conditions, Table 8 Adjustments to the Base Facility Utility Consumption units of energy are based on factors such as weather, occupancy, operating hours, etc., and changes to the Base Conditions and operating practices as defined in Section 18).

Section 8. Option D. Calibrated Simulation. Option D is intended for energy retrofits where calibrated simulation of baseline energy use and calibrated simulations of post-installation energy consumption are used to measure savings from the retrofit. Option D can involve measurements of energy use both before and after the retrofit for specific equipment/systems or whole-building data for calibrating the simulation(s). Simulation routines must be demonstrated to adequately model actual energy performance measured in the facility. This option usually requires considerable skill in calibrated simulation. Specific M&V methodologies for each savings strategy are detailed in sub Exhibit E.1.

Energy use simulation is calibrated with hourly or monthly utility billing data and/or end use metering.

Section 9. Operational Savings. Agency and Company agree that, as a direct result of the Services, Agency will achieve no less than **\$212,992** (the “Operational Savings”) in annual operational cost savings for each Guarantee Year during the Guarantee Term. Throughout the Term, Direct Cost Avoidance Savings for each Guarantee Year after the First Guarantee Year will be deemed by Agency and Company to escalate at a rate of two & one-half percent (2.5%) per year; accordingly, the Operational Savings for each Guarantee Year after the first Guarantee Year will be calculated by multiplying the immediately preceding Guarantee Year’s Direct Cost

Avoidance Savings by one hundred and two & one-half percent (102.5%) The parties agree that the 2.5% escalation rate is a reasonable projection of inflation based on past inflation experience and the parties' expectations. Agency and Company worked together to identify and quantify the Operational Savings based upon past and projected expenditure data provided by the Agency. The Operational Savings specified herein are stipulated, will not be measured, monitored or verified by Company, and are considered satisfied effective on the Commencement Date.

The Operational Savings include the following categories (as applicable)

- C 2a Direct Cost Avoidance. Reduction or elimination of existing or planned service contracts, and material, supply, and labor expenditures;
- C.2b Indirect Cost Avoidance. Agency valuation – including such items as re-deployed labor resources and reduction in overhead; and
- C.2c Future Capital Cost Avoidance. Future replacement expenditures avoided as a result of new equipment installed;

The Operational Savings are detailed by category below:

The Operational Savings are detailed in the table below. Table 4 identifies the source of Operational Savings defined by Agency and the Company. The information was compiled from review of historical maintenance and purchasing records of the Agency's Facilities Department.

Table 4 – Detailed Operational Savings

Summary	Labor and Materials
T-12 Light Fixture Annual Repair Savings	\$ 20,632
Annualized Water Fixture repair savings (City Hall & Library)	\$ 1,549
Annualized City Hall Chiller Repairs	\$ 4,500
Capital Cost Avoidance	\$ 186,311
Total Annual Operational Savings	\$ 212,992

C.2a Direct Cost Avoidance

Table 4A.

*Repair Cost Savings - Water Fixtures

EQUIPMENT	ANNUAL REPAIR MATERIAL COSTS	ANNUAL REPAIR LABOR (Hours)	LABOR RATE (\$/Hour)	%SAFETY FACTOR	ANNUAL SAVINGS
Water Fixtures - Public Safety	\$1,701			0%	\$0
Water Fixtures - Civic Center	\$513			0%	\$0
Water Fixtures - City Hall	\$705			100%	\$705
Water Fixtures - Public Works	\$1,184			0%	\$0
Water Fixtures - Library	\$844			100%	\$844
TOTAL					\$1,549

Formula 4: Total Annual Repair Material Costs + Annual Repair Labor x Labor

Rate = Annual Savings \$

Table 4B.

Maintenance Procedure Cost Avoidance - City Hall Chiller

City Hall Chiller PROCEDURE	PROJECTED YEAR	MAINTENANCE PROCEDURE SAVINGS
Repair cost Annualized (2000 to 2010) / 10 years	yr1 - yr 10	\$ 4,500
Total		\$ 4,500

Table 4C

Unit Cost Savings - T12 Lighting

PRODUCT	ANNUAL BUDGET	% SAFETY FACTOR	ANNUAL SAVINGS
Lighting Material - T-12	\$ 20,632	100%	\$ 20,632
Lighting Labor - T12	\$ -	80%	\$ -
TOTAL			\$ 20,632

Formula 5: (Annual Lighting Material + Annual Lighting Labor x Safety Factor = Annual Savings \$

C.2c - Future Capital Cost Avoidance

Table 4D

*Cost of Replacement

EQUIPMENT	COST OF REPLACEMENT	PERFORMANCE CONTRACTING TERM	ANNUAL CAPITAL BUDGET
City Hall Air Handlers	\$ 1,378,093.00	10	\$ 137,809
City Hall Chiller	\$ 131,036.00	10	\$ 13,104
City Hall Pumps VPF	\$ 39,957.00	10	\$ 3,996
Roof Replacement - Cool Roof	\$ 77,586.00	10	\$ 7,759
Library Air Handlers	\$ 158,304.00	10	\$ 15,830
Library RTUs	\$ 78,131.00	10	\$ 7,813
TOTAL	\$ 1,863,107.00		\$ 186,311

Formula 6: Cost of Replacement ÷ Performance Contract Term = Annual Budget Needed for End of Useful Life Replacement Costs

Section 10. Total Energy Savings. Total Energy Savings shall be computed as specified in this Exhibit, including the sub-Exhibits. Two different types of energy savings may be achieved under this Agreement: Energy Use Savings and Energy Rate Savings (hereinafter collectively referred to as "Total Energy Savings"). Total Energy Savings will be determined by adding the Energy Use Savings and Energy Rate Savings for each Billing Period (as hereinafter defined), together with any Installation Period Savings. Utilizing energy related bills furnished by Customer pursuant hereto, Trane shall then determine Total Energy Savings for each Billing Period and for each Guarantee Year when completed. Subject to Section 12 hereof, Trane will begin recording annual savings from and after the Commencement Date.

(a) **Energy Use Savings** are those energy savings achieved through reduction or shift in energy or demand use. Trane will calculate Energy Use Savings achieved at the Premises by subtracting energy consumption and demand for the current Billing Period from Baseline energy consumption and demand for the corresponding month as shown in Section 16, Table 8 and multiplying those savings by the current utility rate unit cost or the Base Utility Rates as described herein, whichever is higher. The Energy Use Savings will be adjusted for weather, occupancy, utilization, and facility changes as described herein.

(b) **Energy Rate Savings** are those savings achieved through a reduction in fuel and/or electricity rates by one or more of the following means:

- (i) Improved rate from local electric utility company, natural gas company or fuel company;
- (ii) Direct purchase of natural gas or electricity; and/or
- (iii) Bulk purchase of fuel.

Trane will calculate the Energy Rate Savings obtained for each Billing Period by multiplying energy consumption and demand for the current Billing Period by the energy rate reduction, as shown in the Total Energy Savings Table 5, which is the amount by which the Base Utility Rate defined in Section 15, exceeds the improved rate. There will be no Energy Rate Savings calculation unless an energy rate reduction has been achieved either directly or indirectly by Trane through one or more of the means listed above in clauses (i) through (iii).

Table 5 – Total Energy Savings

Year	Energy Use Savings	Energy Rate Savings	Total Energy Savings
1	\$126,017	n/a	\$126,017
2	\$129,798	n/a	\$129,798
3	\$133,691	n/a	\$133,691
4	\$137,702	n/a	\$137,702
5	\$141,833	n/a	\$141,833
6	\$146,088	n/a	\$146,088
7	\$150,471	n/a	\$150,471
8	\$154,985	n/a	\$154,985
9	\$159,635	n/a	\$159,635
10	\$164,424	n/a	\$164,424

Section 11. Installation Period Savings. Energy Use Savings, as calculated in accordance with the sub-Exhibits, will accrue as the Services progress during the installation period until the Commencement Date. As applicable, Trane will calculate and document these savings as they accrue in accordance with the sub-Exhibit(s) (such savings hereinafter referred to as "Installation Period Savings").

Section 12. Billing Period. The Billing Period is based on the time period between when readings are taken either electronically or manually by the utility or other designated agency. Utility bills will be prorated based on the number of days in the Billing Period month.

Section 13. Commencement Date and Guarantee Term. The "Commencement Date" shall be the first calendar day of the month following the month in which the Date of Final Completion occurs, unless the Date of Final Completion falls on the first calendar day of a month, in which event the Commencement Date shall be the Date of Final Completion, but in no event later than ninety (90) days after the date noted in the Certificate of Final Completion and Acceptance. The Guarantee shall begin as of the Commencement Date and, unless this Agreement shall terminate earlier, shall expire on the day immediately preceding the 10 year anniversary of the Commencement Date (hereinafter the "Guarantee Term").

Section 14. Base Utility Rates. The Base Utility Rates are those utility rates that are used to calculate the Monetary Value of Total Energy Savings and are the rates set forth below in tables in this Section 14. The Base Utility Rates used to calculate Monetary Value of Total Energy Savings will be used as the floor cost for the Guarantee Term and shall be the lowest rate used. In calculating any energy savings, Trane will use the greater of the then current applicable utility rate unit cost or the Base Utility Rates as described herein. The Base Utility Rates used to calculate energy increases will be used as the ceiling price for the Guarantee Term and shall be the highest rate used. In calculating any reduction in energy savings, Trane will use the lesser of the then current applicable utility rate unit cost or the Base Utility Rates as described herein. City of Winter Park is billed for electricity under a standard electric agreement rate. These rates are described later in this section of the report.

City of Winter Park - 3 yr Incremental/Averaged Utility Rates - October 6, 2009

	\$/kWh	\$/kW
Library	0.069	3.16
Civic Center	0.098	3.18
City Hall	0.074	3.27
Public Safety	0.080	3.29
AVG *	0.080	3.23
* (includes adjustments, fees and taxes)		

The following are the Base Utility Rates:

Cost of Electricity

Table 6.0 - Electric Rate Structures

WINTER PARK LEGEND

(all rates effective with January 1, 2010 billing)

GENERAL SERVICE

Rate Schedule GS-1 (General Service-Non-Demand)

Rates apply to any customer, other than residential, for light and power purposes for which no other rate schedule is specifically applicable.

Customer Charges:

Non Metered Accounts.....	\$ 6.96	per month
Metered Accounts:		
Secondary Delivery Voltage.....	\$ 12.34	per month
Primary Delivery Voltage.....	\$ 156.08	per month
Energy and Demand Charge.....	\$ 0.06552	per kWh
Fuel Cost Recovery Factor.....	\$ 0.05183	per kWh
Gross Receipts Tax.....	2.5641%	
Franchise Fee.....	6.00%	
Electric Utility Tax.....	10.00%	
EL State Sales Tax.....	7.00%	Commercial Only
EL State Sales Surcharge Tax.....	0.05%	Commercial Only

Rate Schedule LS-1 Lighting Service

The minimum monthly bill shall be the Customer Charge and applicable Fixture, Maintenance, and Pole Charges.

Customer Charge (per line or billing):

Metered.....	\$ 3.49	per month
Non Metered Accounts.....	\$ 1.22	per month
Energy and Demand Charge.....	\$ 0.02349	per kWh
Fuel Cost Recovery Factor.....	\$ 0.05183	per kWh
Gross Receipts Tax.....	2.5641%	
Franchise Fee.....	6.00%	
Electric Utility Tax.....	10.00%	
EL State Sales Tax.....	7.00%	Commercial Only
EL State Sales Surcharge Tax.....	0.05%	Commercial Only

Rate Schedule GS-2 (General Service-Non-Demand)

100 % Load Factor Usage

Applicable to any customer, other than residential, with fixed wattage loads operating continuously throughout the billing period (such as traffic signals, cable TV amplifiers, and gas transmission substations).

Customer Charges:

Non Metered Accounts.....	\$ 7.26	per month
Metered Accounts.....	\$ 12.88	per month
Energy and Demand Charge.....	\$ 0.03309	per kWh
Fuel Cost Recovery Factor.....	\$ 0.05183	per kWh
Gross Receipts Tax.....	2.5641%	
Franchise Fee.....	6.00%	
Electric Utility Tax.....	10.00%	
EL State Sales Tax.....	7.00%	Commercial Only
EL State Sales Surcharge Tax.....	0.05%	Commercial Only

Rate Schedule TS-1 Temporary Service

Applicable to any customer for temporary service such as construction, fairs, displays, exhibits, and similar temporary services.

Rates from appropriate General Service schedules are applied to service under TS-1.

Rate Schedule GSDT-1

General Service - Demand

Optimal Time of Use Rate

(Closed to New Customers as of 6/1/06)

Customer Charges:

Secondary Delivery Voltage.....	\$ 21.42	per month
Primary Delivery Voltage.....	\$ 173.53	per month

Rate Schedule GSD-1

General Service - Demand

Applicable to any customer, other residential, for light & power purposes for which no other rate schedule is specifically applicable with a measured annual kWh consumption of 24,000 kWh or greater per year.

Customer Charges:

Secondary Delivery Voltage.....	\$ 12.82	per month
Primary Delivery Voltage.....	\$ 162.19	per month
Demand Charge.....	\$ 4.48	per kW of Billing Demand
Energy Charge.....	\$ 0.03738	per kWh
Fuel Cost Recovery Factor.....	\$ 0.05183	per kWh
Gross Receipts Tax.....	2.5641%	
Franchise Fee.....	6.00%	
Electric Utility Tax.....	10.00%	
State Sales Tax.....	7.00%	Commercial Only
EL State Sales Surcharge Tax.....	0.05%	Commercial Only

Demand Charges:

Base Demand Charge.....	\$ 1.12	per kW of Base Demand
On-Peak Demand.....	\$ 3.40	per kW of On-Peak Demand

Energy Charge:

Non-Fuel Energy Charge.....	\$ 0.06202	cents per On-Peak kWh
Non-Fuel Energy Charge.....	\$ 0.02515	cents per Off-Peak kWh
Fuel Cost Recovery Factor.....	\$ 0.07291	cents per On-Peak kWh
Fuel Cost Recovery Factor.....	\$ 0.04501	cents per Off-Peak kWh
Gross Receipts Tax.....	2.5641%	
Franchise Fee.....	6.00%	
Electric Utility Tax.....	10.00%	
State Sales Tax.....	7.00%	Commercial Only
EL State Sales Surcharge Tax.....	0.05%	Commercial Only

Cost of Fuel

Table 6.1 - Gas Rate Structures

Peoples Gas System
a Division of Tampa Electric Company
Original Volume No. 3

Sixth Revised Sheet No. 7.302
Cancels Fifth Revised Sheet No. 7.302

GENERAL SERVICE - 1 Rate Schedule GS-1

Availability:

Throughout the service areas of the Company.

Applicability:

Gas delivered to any Customer (except a Customer whose only Gas-consuming appliance or equipment is a standby electric generator) using 2,000 through 9,999 Therms per year. A Customer eligible for service pursuant to this rate schedule is eligible for transportation service under Rider NCTS.

Monthly Rate:

Customer Charge: \$35.00 per month

Distribution Charge: \$0.26800 per Therm

The bill for the Therms billed at the above rates shall be increased in accordance with the provisions of the Company's Purchased Gas Adjustment Clause set forth on Sheet No. 7.101-1, unless Customer receives transportation service under the Company's Rider NCTS.

Minimum Bill: The Customer charge.

Special Conditions:

1. When the Customer receives service under the Company's Natural Choice Transportation Service Rider (Rider NCTS), the rates set forth above shall be subject to the operation of the Company's Swing Service Charge set forth on Sheet No. 7.101-3.
2. The rates set forth above shall be subject to the operation of the Energy Conservation Cost Recovery Adjustment Clause set forth on Sheet No. 7.101-2.
3. A contract for an initial term of one year may be required as a condition precedent to service under this schedule, unless an extension of facilities is involved, in which case the term of the contract shall be the term required under the agreement for the facilities extension.
4. The rates set forth in this schedule shall be subject to the operation of the Company's Competitive Rate Adjustment Clause set forth on Sheet No. 7.101-5.
5. Service under this schedule shall be subject to the Rules and Regulations set forth in this tariff.
6. Service under this schedule is subject to annual volume review by the Company or any time at the Customer's request. If reclassification to another schedule is appropriate such classification will be prospective.
7. The rates set forth under this schedule shall be subject to the operation of the Company's Tax and Fee Adjustment Clause set forth on Sheet No. 7.101-5.

Cost of Water

Table 6.1 - Water Rate Structures

CITY									
WATER & SEWER RATES (COMMERCIAL & PUBLIC AUTHORITY)									
FY11 - Rate Effective October 1, 2010									
DEPOSITS REQUIREMENTS									
	3/4" Mtr	1" Mtr	1 1/2" Mtr	2" Mtr	3" Mtr	4" Mtr	6" Mtr	8" Mtr	
Wa (or) Irr Only	\$60.00	\$85.00	\$105.00	\$145.00	\$225.00	\$330.00	\$600.00	AVG X 3	
Wa & Su	\$60.00	\$85.00	\$105.00	\$145.00	\$225.00	\$330.00	\$600.00	AVG X 3	
Wa & Su & St	\$60.00	\$85.00	\$105.00	\$145.00	\$225.00	\$330.00	\$600.00	AVG X 3	
Wa & Sw & Su & Gt	\$135.00	\$150.00	\$180.00	\$450.00	\$540.00	\$630.00	\$915.00	AVG X 3 + \$30	
Gt & Su (or) Gt Only	\$30.00	\$30.00	\$30.00	\$30.00	\$30.00	\$30.00	\$30.00	\$30.00	
WATER RATES									
Meter Size	Availability Charge (Base)	Block 1		Block 2		Block 3		Block 4	
		(1,000 gallons)	(\$ per 1,000)	(1,000 gallons)	(\$ per 1,000)	(1,000 gallons)	(\$ per 1,000)	(1,000 gallons)	(\$ per 1,000)
3/4"	\$8.62	1 to 4	\$0.79	5 to 8	\$0.32	9 to 12	\$1.37	13 to 20	\$1.34
1"	\$21.55	1 to 10	\$0.79	11 to 20	\$0.32	21 to 30	\$1.37	31 to 50	\$1.34
1 1/2"	\$43.10	1 to 20	\$0.79	21 to 40	\$0.32	41 to 60	\$1.37	61 to 100	\$1.34
2"	\$68.96	1 to 32	\$0.79	33 to 64	\$0.32	65 to 96	\$1.37	97 to 160	\$1.34
3"	\$137.92	1 to 64	\$0.79	65 to 128	\$0.32	129 to 192	\$1.37	193 to 320	\$1.34
4"	\$215.50	1 to 100	\$0.79	101 to 200	\$0.32	201 to 300	\$1.37	301 to 500	\$1.34
6"	\$431.00	1 to 200	\$0.79	201 to 400	\$0.32	401 to 600	\$1.37	601 to 1,000	\$1.34
8"	\$431.00	1 to 200	\$0.79	201 to 400	\$0.32	401 to 600	\$1.37	601 to 1,000	\$1.34
SEWER RATES									
	3/4" Mtr	1" Mtr	1 1/2" Mtr	2" Mtr	3" Mtr	4" Mtr	6" Mtr	8" Mtr	
	\$10.19	\$25.48	\$50.95	\$81.52	\$163.04	\$254.75	\$509.50	\$509.50	
Availability Charge (Base)	(1,000 gallons)	(\$ per 1,000)	(Base + Conc)	(Base + Conc)	(Base + Conc)	(Base + Conc)	(Base + Conc)	(Base + Conc)	(Base + Conc)
1	\$5.11	\$15.30	\$30.59	\$56.06	\$86.63	\$168.15	\$259.86	\$514.61	\$514.61
2	\$10.22	\$20.41	\$35.70	\$61.17	\$91.74	\$173.26	\$264.97	\$519.72	\$519.72
3	\$15.33	\$25.52	\$40.81	\$66.28	\$96.85	\$178.37	\$270.08	\$524.83	\$524.83
4	\$20.44	\$30.63	\$45.92	\$71.39	\$101.96	\$183.48	\$275.19	\$529.94	\$529.94
5	\$25.55	\$35.74	\$51.03	\$76.50	\$107.07	\$188.59	\$280.30	\$535.05	\$535.05
6	\$30.66	\$40.85	\$56.14	\$81.61	\$112.18	\$193.70	\$285.41	\$540.16	\$540.16
7	\$35.77	\$45.96	\$61.25	\$86.72	\$117.29	\$198.81	\$290.52	\$545.27	\$545.27
8	\$40.88	\$51.07	\$66.36	\$91.83	\$122.40	\$203.92	\$295.63	\$550.38	\$550.38
9	\$45.99	\$56.18	\$71.47	\$96.94	\$127.51	\$209.03	\$300.74	\$555.49	\$555.49
10	\$51.10	\$61.29	\$76.58	\$102.05	\$132.62	\$214.14	\$305.85	\$560.60	\$560.60
11	\$56.21	\$66.40	\$81.69	\$107.16	\$137.73	\$219.25	\$310.96	\$565.71	\$565.71
12	\$61.32	\$71.51	\$86.80	\$112.27	\$142.84	\$224.36	\$316.07	\$570.82	\$570.82

Section 15. Metering Information.

City of Winter Park receives electricity from the City of Winter Park Utility Division and receives natural gas from TECO Peoples Gas. Electricity is provided to the buildings in this scope of work each individually through a primary voltage main distribution system. All are on different sites and have their own individual meters. The following table lists the electricity accounts and the buildings they serve:

Building	Account Number	Rate Schedule	Electric Company
Public Safety	747632	GSD-1 Secondary Meter	City of Winter Park Utility Division
Library	44012	GSD-1 Secondary Meter	City of Winter Park Utility Division
Civic Center	45382	GSD-1 Secondary Meter	City of Winter Park Utility Division
City Hall	41062	GSD-1 Secondary Meter	City of Winter Park Utility Division
Public Safety	12552717	GS-1	TECO Peoples Gas
City Hall	01556281	GS-1	TECO Peoples Gas

Section 16. Base Conditions. Total Energy Savings will be calculated using the Base Facility Utility Consumptions defined in Table 8. The savings and forecast shown below are for facilities and energy conservation measures using Option C M&V method and do not include any adjustments that may be necessary at the time of reconciliation as defined in Section 19. This Base Facility Utility Consumption will be used as the reference against which future years' utility usage will be compared to determine the Actual Savings.

Table 8 - Base Facility Utility Consumption

Baseline			Adjusted Baseline			Forecast			Savings		
kWh	kW	therms	kWh	kW	therms	kWh	kW	therms	kWh	kW	therms
4,023,958	10,389	4,060	4,113,820	10,621	4,060	3,152,005	9,584	2,890	961,814	1,037	1,170

Building Operation

The following operational parameters were collaboratively agreed upon by Customer and Trane and are stipulated as fact for the purposes of this Agreement. The parameters were used in the Detailed Energy Analysis process to determine Energy Use Savings and Customer bears the risk of decreased energy savings if the facilities are operated outside of these parameters. Variation from these parameters will permit Trane to make an adjustment to the Baseline as indicated in Section 19.

Table 9 – Operational Parameters

	Heating Mode	Cooling Mode
Occupied Set Points	68° F with a +/- 2-deg throttling range	74° F with a +/- 2-deg throttling range
Unoccupied Set Points	60° F with a +/- 3-deg throttling range	80° F with a +/- 3-deg throttling range

Typical operation hours of the Administration are Monday thru Friday from 8:00 am to 5:00 pm. Typical operation hours for the Old and New Courthouse are Monday thru Thursday from 8:00 am to 5:00 pm. The Jail Complex operates 24 hrs/day, 7 days/week.

Bldg Type	Day	Occupied Hours	Occupied Temps (1)	Set back Temps (2)
Public Safety	Mon - Fri	8am – 5pm	68 ht, 74 clg	60 ht, 80 clg
Library	Mon - Fri	8am – 4pm	68 ht, 74 clg	60 ht, 80 clg
Civic Center	Mon - Fri	8am - 4pm	68 ht, 74 clg	60 ht, 80 clg
City Hall	Mon - Fri	9am - 5pm	68 ht, 74 clg	60 ht, 80 clg

(1) +/- 2-deg throttling range

(2) +/- 3-deg throttling range

Customer is responsible to perform the updates to the control system to conform to the above table. It is recommended that Customer limit access of thermostats to maintenance staff only.

Section 17. Guarantee Reconciliation. Subject to Customer's obligations to furnish the data and information required hereunder, within ninety (90) days after the final month of each Guarantee Year, Trane will determine the actual Total Energy Savings (the "Actual Savings") as described in this Exhibit and the sub-Exhibits and report the same to Customer in a Reconciliation Report. Customer shall be deemed to have accepted the determinations contained in the Reconciliation Report in the event Customer fails to object to the same within fourteen (14) calendar days after delivery of the Reconciliation Report to Customer. In the event the Actual Savings, together with any Installation Period Savings that have not been previously applied against any shortfall

in Total Energy Savings, are less than the Guarantee, at Customer's option: (i) within thirty (30) days after delivery of the Reconciliation Report and notice from Customer that it has selected this payment option, Trane will pay Customer the difference between the Guarantee and the Actual Savings (credited by unapplied Installation Period Savings) for that Guarantee Year; or (ii) Trane will carry such obligation forward to one or more succeeding Guarantee Year(s). Upon agreement of Trane and Customer, instead of payment, Trane may provide services and/or product, equal to the value of the difference between the Guarantee and the Actual Savings. If in any Guarantee Year the Actual Savings exceed the Guarantee, the excess savings shall be credited to one or more preceding or succeeding Guarantee Year(s) in which Actual Savings were less than the Guarantee. In the event excess savings are credited to any Guarantee Year in which Actual Savings were less than the Guarantee and, with respect to such Guarantee Year, Trane shall have paid to Customer the difference between the Guarantee and the Actual Savings, Customer shall refund such payment to Trane to the extent of the excess savings being credited.

Section 18. Adjustments to Baseline. Trane may, at its sole discretion, make adjustments to the Baseline using standard and sound engineering principles as follows:

- a. Building Utilization: The total number of building occupants is a variable that may be adjusted for if the number of occupants differs from the Baseline quantity;
- b. Building Occupancy Hours: The hours the building(s) is/are occupied and/or equipment and/or lighting is utilized is a variable which may be adjusted for if the hours (quantity or time-of-day) differs from the hours identified in this Exhibit E and its sub-Exhibits. Buildings that have Trane energy management equipment will be monitored by Trane to verify hours of equipment operation. Buildings without energy management systems will have to have equipment operation logged by Customer's building staff as specified in Section 19, Customer Responsibilities, of this Exhibit E;
- c. Weather: Utility bills will be adjusted for weather;
- d. Building Changes: The Baseline may be adjusted to account for any building square footage changes, remodeling, and addition of equipment or change in usage. Customer agrees to contact Trane within seven (7) calendar days of commencement of any changes or additions of equipment or environments; and
- e. Trane's discretion, based on data or other information newly discovered or otherwise not readily available at the time the Baseline was prepared; and/or
- f. Failure of Customer to perform its obligations under Section 19 of this Exhibit E.
- g. Baseline Adjustment: Any adjustment in the baseline model of the building created as part of the engineering study appropriate to represent operation of the building if it had been designed, constructed, and/or operated in accordance with local and national codes in place as of the date of the Agreement. Such adjustments can include, but are not limited to, increased ventilation rates for code compliance and the addition of heating and/or air-conditioning to areas that previously had no environment conditioning. The adjustments included in the engineering study for this project on account of such issues are estimated to result in an **energy increase of 103,234 kWh, and a demand increase of 257 kW.**

Section 19. Customer Responsibilities: Customer acknowledges that it has an integral role in achieving savings and agrees to perform the following responsibilities:

- a. Properly maintain, repair, and replace all energy consuming equipment with equipment of equal or better energy and operational efficiencies and promptly notify Trane of the repair and /or replacement, but no later than within fourteen (14) calendar days from the commencement thereof;
- b. Make available to Trane upon its request copies of maintenance records and procedures regarding maintenance of the Premises;

- c. Promptly provide Trane with notice of system and building alterations at the Premises that impact energy consumption, including but not limited to: energy management systems, automatic door operation, structural, occupancy sensors, photocell/timer control of exterior lighting and heat recovery systems;
- d. Log any utility meters and the operation of any energy consuming devices or equipment as directed by Trane and furnish copies of such logs to Trane within thirty (30) calendar days after preparation of the logs;
- e. Provide to Trane true, accurate and complete copies of all energy related bills within ten (10) days after Customer's receipt of such bills. The parties stipulate that, in each event that Customer fails to provide an energy related bill within thirty (30) days after the end of the Billing Period to which the bill relates, Customer shall be deemed to have realized that portion of the Total Energy Savings prorated for the utility billing period to which said energy related bill relates and for such subsequent utility billing periods as are affected by an increase in energy and/or demand use that could have been avoided had Trane been provided with the energy related bill in a timely manner. In the event Trane subsequently receives or obtains the untimely energy related bill and such bill discloses that savings were achieved in an amount greater than had been stipulated hereunder, such greater savings will be used in calculating Actual Savings;
- f. Provide to Trane true, accurate and complete descriptions of all energy consuming devices within seven (7) days after installation and start up of such equipment. This equipment includes, but is not limited to heating, cooling or ventilating equipment, computers and other electronics, water heaters, kitchen equipment, laundry equipment, mobile trailer units, portable hospital equipment. The parties stipulate that, in each event that Customer fails to provide this information within thirty (30) days after the start up of such equipment, Customer shall be deemed to have realized that portion of the Total Energy Savings prorated for the utility billing period to which said energy related bill relates and for such subsequent utility billing periods as are affected by an increase in energy and/or demand use that could have been avoided had Trane been provided with the energy related information in a timely manner. In the event Trane subsequently receives or obtains the untimely energy related bill and such bill discloses that savings were achieved in an amount greater than had been stipulated hereunder, such greater savings will be used in calculating Actual Savings;
- g. Furnish to Trane true, accurate and complete copies of any utility rate schedules or tariffs promptly upon Trane's request for the same and, in any event, within thirty (30) calendar days after Customer's receipt of notice of a utility rate change;
- h. Maintain in effect and fully perform its obligations under the Maintenance Agreement throughout the duration of the Guarantee; and
- i. During the Term of the Agreement, permit only Trane and/or Customer approved personnel to repair, adjust or program equipment, systems, and/or controls covered by this Agreement or affecting equipment, systems, and/or controls covered by this Agreement, except in the event of an emergency, in which event Customer shall immediately notify Trane of the existence of the emergency no later than within twenty-four (24) hours of the discovery of the emergency condition.

Section 20. Exclusions from Trane's Responsibilities: Trane shall not be responsible for any of the following:

- a. Any shortfalls in Total Energy Savings, failure to satisfy the Guarantee, or for loss, damage or malfunction to equipment, systems, controls or building(s) structures resulting from non-Trane personnel examining, adjusting or repairing equipment, systems, or controls;
- b. Any failure of Customer to achieve or realize Operational Savings;
- c. Any damage or malfunction resulting from freezing, corrosion or erosion on the water side of the equipment or caused by scale or sludge on equipment;
- d. Problems or damages caused by utility service or damage sustained by equipment or systems;

e. Furnishing any items of equipment, material, or labor, or performing tests recommended or required by insurance companies or federal, state, or local governments; and

f. Failure or inadequacy of any structure or foundation supporting or surrounding equipment or work or any portion thereof.

Section 21. Independent Audit. Within thirty (30) days after each anniversary of the Commencement Date, Customer may provide written notice to Trane that Customer intends to have performed an audit of the savings calculations and billings for the immediately preceding Guarantee Year. Customer and Trane shall thereupon select agreed upon experienced and qualified energy engineering auditors to complete and submit to the parties an audit of the savings calculations and billings for the immediately preceding Guarantee Year. Customer shall pay for the entire cost of the audit. The audit shall be completed within thirty (30) days of selection of the auditor. Exercise of the right to request an audit shall in no way relieve Customer of its continuing obligation to make current payments pursuant to this Agreement. Any payments between the parties necessary to resolve any agreed upon irregularities identified in the audit will be made within sixty (60) days after submission of the audit to the parties. Any dispute arising from or related to the audit shall be resolved by recourse to the procedures set forth in Article 8 of this Agreement.

Section 22. Agreed Upon Parameters. Customer agrees that the parameters set forth in the sub-Exhibits (used for Options A, B, C & D) are mutually agreed upon and form the basis of the Guarantee. These parameters are hereby recognized, for the purposes of this Agreement, as fact and will not be measured, monitored or adjusted. These parameters apply to Total Energy Savings that shall be computed as specified in this Exhibit and sub-Exhibits.

Section 23. Detailed Energy Analysis. The "Detailed Energy Analysis," dated **January 2010**, presented by Trane and its consultant, **Matern Professional Engineering, Inc.**, is incorporated herein for the limited purposes of presenting a description of existing conditions and the methodologies used for calculating projected energy savings with respect to the energy conservation measures comprising the Scope of Work in Schedule A. Statements of savings contained in the Detailed Energy Analysis are projections only and do not constitute, and shall not in any way modify, the statements of Trane's Guarantee contained in this Schedule C and sub-Exhibits referenced herein.

EXHIBIT E.1

Guarantee Lighting Retrofit

1.0 Agreed Upon Parameters:

The following are mutually agreed upon parameters that form the basis of this performance guarantee. These parameters are hereby stipulated for the purposes of this Agreement as fact and will not be measured, monitored or adjusted except as outlined in the following sections of this Exhibit E.1.

a) Applicability:

This performance guarantee applies to the high efficiency lighting fixture and lighting control retrofit energy conservation measure installed by Trane for the non-modeled facilities at City of Winter Park, Florida as listed:

Building Name	Fixture Retrofit	Lighting Control Retrofit
Public Works Building	x	x
Farmers Market	x	
Welcome Center	x	
Fire Station #62	x	x
Fire Station #64	x	
Golfview Terrace	x	
Golf Course Club House	x	x
Meade Garden	x	x
Police Training Area	x	
Fleet Peoples Park	x	
Lake Island Area	x	x
McKean Arboretum	x	
Dinky Dock	x	
ITS	x	
Bongart Plant Area	x	
Azalea Rec Center	x	x
Azalea Tennis tower	x	
Magnolia Plant	x	
PWC Area	x	x
PWC Lakes Bldg	x	
PWC #4	x	
PWC #11	x	
PWC #12	x	
PWC#14	x	
PWC#20	x	x
PWC#LS-70	x	
PWC Storage 1	x	
PWC Storage 2	x	
PWC Storage 3	x	
PWC Fuel Island	x	
PWC #20	x	

2.0 Pre-Retrofit Consumption Data:

The following describes the methodology for proving per-fixture wattage of each existing lighting fixture prior to the installation of energy efficient lighting equipment. Actual wattage measurements are taken to validate the pre-retrofit, per-fixture wattage as represented in the lighting audits and analyses performed to date.

Measurement Methodology:

Trane has proposed to either install new fixtures, or retrofit existing fixtures with energy efficient products. The purpose of this section is to validate the wattage assumed in these estimates through actual measurement.

Several different types of existing fixtures were encountered during the detailed survey. The tables in (provide appendix location of lighting audit here) lists the facility, fixture types by code name, provides a brief description of each, a space for measured fixture wattage, and notes the quantity of each fixture.

In order to validate the wattage estimates of the existing fixtures, Trane will measure the actual wattage consumed by each. Appropriate representatives of City of Winter Park (at its option) should be present to witness the measurement. The measurements will be taken utilizing an accurate, properly calibrated wattmeter. A qualified electrician will take the measurements, witnessed by City of Winter Park (at its option) and Trane, and will record the results. A sufficient number of fixtures, not to exceed three (3) of each fixture type (per building), will be measured for wattage so that an accurate representation (average of the (3) measurements) has been established. The cost of this measurement and the responsibility for the provision of a qualified electrician will be borne entirely by Trane. It is anticipated that a sufficient representative sample of each retrofit type will be measured and documented prior to the retrofit installation being completed.

b) Pre-Retrofit Fixture Information:

For the purposes of this Agreement, the lighting fixture quantities were surveyed by Trane and its consultant L&S Enterprises and these quantities are collaboratively agreed upon by the Customer and Trane and are stipulated in Appendix C. In addition, Trane and its consultant measured actual input wattage of the pre-retrofit fixtures.

Trane reserves the right to adjust the Baseline for the pre- and post-retrofit quantities to reflect actual quantities and types of fixtures encountered during the retrofit; however, the Energy Use Savings expected to be achieved will not be less than the Energy Use Savings represented by the difference in consumption between the fixtures and quantities in the pre-retrofit columns and the post-retrofit columns of Appendix C

3.0 Post-Retrofit Measurements:

The following describes the methodology for proving per-fixture wattage reductions as a result of the installation of energy efficient lighting equipment. Actual wattage measurements are taken to validate the post-retrofit, per-fixture wattage as represented in the lighting audits and analyses performed to date.

a) Measurement Methodology:

Trane has proposed to either install new fixtures, or retrofit existing fixtures with energy efficient products. The detailed survey/scope of work contained in Appendix C, illustrates the types of retrofits installed, and estimates the wattage of the retrofits. The purpose of this section is to validate these estimates through actual wattage measurement.

Several different types of retrofit strategies are employed in the applicable areas. The Post-Retrofit columns of Appendix C detail post retrofit wattage, counts, and description of the retrofit.

In order to validate the wattage estimates of the lighting retrofits, Trane will measure the actual wattage consumed by each of the different retrofits. This measurement will occur once, following installation of the lighting retrofit and a reasonable "burn-in" time of not less than ~100 hours. Appropriate representatives of The City of Winter Park (at its option) should be present to witness the measurement. The measurements will be taken

utilizing an accurate, properly calibrated wattmeter. A qualified electrician will take the measurements, witnessed by The City of Winter Park (at its option) and Trane, and will record the results. A sufficient number of fixtures, not to exceed three (3) of each retrofit fixture type (per building), will be measured for wattage so that an accurate representation (average of the (3) measurements) has been established. The cost of this measurement and the responsibility for the provision of a qualified electrician will be borne entirely by Trane. It is anticipated that a sufficient representative sample of each retrofit type will be measured and documented within 60 days of completion of the lighting retrofit.

b) Post-Retrofit Fixture Information:

Post-retrofit data by location is detailed in Appendix C.

4.0 Computation of Savings:

The following describes the methodology for computing Actual Energy Use Savings based on validated wattage and presents the calculated and guaranteed Energy Use Savings.

a) Computation and Presentation of Energy Use Savings:

Once the true pre- and post-retrofit, per fixture wattage have been established and documented, the values will be inserted into the appropriate columns of the detailed audit/scope of work spreadsheets. These actual values will supersede the estimated values currently represented in the spreadsheet. Hence, the resulting spreadsheets will represent the "as-built" conditions.

The spreadsheet will then be compared to the lighting spreadsheets used to calculate Actual Annual Energy Use Savings utilizing the agreed upon fixture quantities, measured pre- and post-retrofit fixture wattage, and current and future hours of operation.

If the measured wattage reduction is within 10% of the projected wattage reduction, it is considered within an acceptable tolerance based on Trane's conservative safety factors for this energy conservation measure. If the measured wattage reduction does not meet the described acceptable tolerance, the lighting spreadsheet calculations will be recalculated using the actual measured wattage reduction. This yields actual annual Energy Use Savings, consistent with the original engineering analysis.

b) Presentation of Savings:

The energy conservation measure described herein will result in the following effect on energy usage:

Total Annual Guaranteed kWh Energy Use Savings: 434,619 kWh

Total Annual Guaranteed kW Demand Use Savings: 106 kW

EXHIBIT E.2

Guarantee **Domestic Water Conservation Savings**

1.0 Agreed Upon Parameters:

The following are mutually agreed upon parameters that form the basis of this performance guarantee. These parameters are hereby recognized, for the purposes of this Agreement, as fact and will not be measured, monitored or adjusted.

a) Applicability:

This performance guarantee applies to the energy conservation measure involving the retrofit of domestic water fixtures located in the following City of Winter Park, Florida building locations:

- City Hall
- Library

Base Utility Rates Water/Sewer rates are set forth in Schedule C Energy Savings Guarantee, Section 14 Base Utility Rates.

b) Annual Operating Characteristics:

The domestic water fixtures of the City of Winter Park buildings were surveyed and water flow rates analyzed, see Appendix D for Water Savings Summary. For the purposes of this Agreement, the number of domestic water fixtures and usage characteristics are stipulated.

2.0 Computation of Savings:

The following describes the stipulated methodology for computing savings based on the agreed to water flow rates, usage rates, and flush data.

a) Water Savings Calculation:

Annual Water Savings (gallons) = $[(EXISTWTR - NEWWTR) * USE# * SINK# * DAYS#]$

Annual Cost Savings (\$/kgal) = $[Annual\ Water\ Savings / 1,000] * WTRCOST$

b) Natural Gas Savings Calculation:

Annual Gas Savings (therms) = $[((EXISTWTR - NEWWTR) * 8300 * Entering\ Temp. - Leaving\ Temp.) / 1,000,000 * 0.80]$

Annual Cost Savings (\$/therm) = $[Annual\ Gas\ Savings] * GASCOST$

3.0 Presentation of Savings:

The following values are the stipulated savings the City of Winter Park will realize by retrofitting domestic water closets, urinals, sink faucets, and showers.

The following summarizes the measures:

Total Annual Guaranteed Water Use Savings = 649 kgallons
Total Annual Guaranteed Natural Gas Use Savings = 29 therms

The above savings are mutually agreed to by the Customer and Trane and are stipulated for the purposes of this Agreement.

Schedule D
Compensation to the Company (Deliverables and Payment Schedule)

Construction Services Draw Schedule:

Project Borrowing	\$	2,410,863	
Monthly Draws			
Description	% Payment	\$ Payment	
Jun-11	7%	\$	168,760
Jul-11	7%		168,760
Aug-11	10%		241,086
Sep-11	10%		241,086
Oct-11	13%		313,412
Nov-11	13%		313,412
Dec-11	10%		241,086
Jan-12	10%		241,086
Feb-12	10%		241,086
Mar-12	10%		241,086
Totals	100%	\$	2,410,863

Non-Financed - Service, Maintenance, Measurement & Verification:

Term	Year	Annual Amount
April 2012 - March 2013	1	\$40,000
April 2013	2	\$41,200
April 2014	3	\$42,436
April 2015	4	\$43,709
April 2016	5	\$45,020
April 2017	6	\$46,371
April 2018	7	\$47,762
April 2019	8	\$49,195
April 2020	9	\$50,671
April 2021	10	\$52,191

Retainage, if any, is as follows: NO RETAINAGE

The above deliverables and payment schedule are in compliance with Contract Sections 3 and 4, and any other applicable Contract provisions. Operating costs will not be financed and must be stated separately, if applicable.

Schedule E Baseline Energy Consumption

The baseline energy consumption is developed by describing the existing facilities energy usage profile and calibrating the Trace 700™ computer program models representing the major energy usage systems in the facilities with the actual historical natural gas and electric bills. Models were developed for City Hall, Civic Center, Library, and Public Safety for the City of Winter Park, Florida Energy Study.

Energy baseline calculations that were not analyzed with the Trace 700™ program were developed on industry standard calculation methods have been input into spreadsheet, as outlined by such sources as American Society of Heating, Refrigeration and Air Conditioning Engineers and Association of Energy Engineers. Lighting and water retrofit calculations for facilities were analyzed on industry standard calculation methods have been input into spreadsheet. The spreadsheet calculations can be found in the Appendices C & D for the purpose of the energy study analysis.

For the purposes of this analysis the energy savings baseline calculations are as specified and agreed to by the Agency and the Company as per Schedule C, Section 5 (Option A. Partially Measured Retrofit Isolation) and Section 7 (Option C. Whole Facility).

Schedule F

Savings Calculation Approach, Methodology to Measure, Verify and Adjust Baseline

Savings projections for all building energy conservation measures (ECM) were calculated by computer simulation (Trace[®] 700) modeling the specific energy performance of each ECM at the City of Winter Park, Winter Park, Florida, as per ECM Savings Summary in Appendix A. The lighting and water savings for the non-modeled buildings were calculated using industry accepted calculation methodologies. Details of savings calculations are presented in the “Detailed Energy Analysis,” dated June, 2010, presented by Company. The dollar savings reflected in Schedule C Energy Savings Guarantee resulting from the Services Company shall furnish hereunder are calculated based on total guaranteed energy and water savings of **1,396,433 kWh; 1,043 kW; 1,199 therm** and water savings of **649 kgals** and stipulated Operational Savings of \$212,992.

See Schedule C Energy Savings Guarantee for specific detail to measure, verify and adjust baseline.

Schedule G
Construction and Installation Schedule

See Next Page



Schedule H

Standards of Comfort

Building Operation

The following operational parameters were collaboratively agreed upon by Customer and Trane and are stipulated as fact for the purposes of this Agreement. The parameters were used in the Detailed Energy Analysis process to determine Energy Use Savings and Customer bears the risk of decreased energy savings if the facilities are operated outside of these parameters. Variation from these parameters will permit Trane to make an adjustment to the Baseline as indicated in Schedule C, Section 19.

Table 9 – Operational Parameters

	Heating Mode	Cooling Mode
Occupied Set Points	68° F with a +/- 2-deg throttling range	74° F with a +/- 2-deg throttling range
Unoccupied Set Points	60° F with a +/- 3-deg throttling range	80° F with a +/- 3-deg throttling range

Typical operation hours of the Administration are Monday thru Friday from 8:00 am to 5:00 pm. Typical operation hours for the Old and New Courthouse are Monday thru Thursday from 8:00 am to 5:00 pm. The Jail Complex operates 24 hrs/day, 7 days/week.

Bldg Type	Day	Occupied Hours	Occupied Temps (1)	Set back Temps (2)
Public Safety	Mon - Fri	8am – 5pm	68 ht, 74 clg	60 ht, 80 clg
Library	Mon - Fri	8am – 4pm	68 ht, 74 clg	60 ht, 80 clg
Civic Center	Mon - Fri	8am - 4pm	68 ht, 74 clg	60 ht, 80 clg
City Hall	Mon - Fri	9am - 5pm	68 ht, 74 clg	60 ht, 80 clg

(1) +/- 2-deg throttling range

(2) +/- 3-deg throttling range

Customer is responsible to perform the updates to the control system to conform to the above table. It is recommended that Customer limit access of thermostats to maintenance staff only.

Note: This paragraph is taken from Schedule C Energy Savings Guarantee, Section 16 Base conditions.

Schedule I

Company's Maintenance Responsibilities

Beginning on the Commencement Date, Company will perform the Maintenance described in this Schedule with respect to the Covered Equipment (identified below) upon the terms and conditions contained in this Schedule. In the event of any inconsistency or conflict between the terms and conditions of this Schedule and the terms and conditions of the balance of this Agreement, the terms and conditions of this Schedule shall control with respect to the Maintenance described in this **Schedule I**.

1. Maintenance Price. The Maintenance Price for each year of the Contract is set forth in **Schedule D**. Company may invoice the Maintenance Price once each year, semi-annually, or quarterly and each such invoice shall be due in advance of performance of the Maintenance, net thirty (30) days date of invoice. Late fees will be calculated and paid pursuant to Fla. Stat. Sec. 215.422. Company may discontinue Maintenance whenever payment is overdue. Unless otherwise expressly agreed in writing, Agency shall pay, in addition to the stated Maintenance Price, all taxes not legally required to be paid by Company or, alternatively, shall provide Company with an acceptable, valid certificate of tax exemption. Agency shall pay all costs incurred by Company in attempting to collect amounts due.

2. Term. Company's obligations to furnish the Maintenance shall begin on the Commencement Date as defined in Section 1.1 of this Agreement (the "**Maintenance Commencement Date**") and, unless this Agreement is terminated earlier, shall end upon expiration of the Term as defined in Section 1.1.

3. Performance. Company shall perform the Maintenance services hereunder with reasonable promptness in a workmanlike manner in accordance with industry standards generally applicable in the area. Except as otherwise provided in writing Maintenance will be performed during Company's normal business hours. Should the Agency request that Company perform Maintenance during other than normal business hours, the additional labor cost of performing such Maintenance shall be at the Agency's expense. During the Term, Company may elect to install/attach to Agency equipment or provide portable devices (hardware and/or software) for execution of control or diagnostic procedures. Such devices shall remain the personal proprietary property of Company and shall in no event become a fixture of Agency locations. Agency shall not acquire any interest, title or equity in any hardware, software, processes and other intellectual or proprietary rights to devices used in connection with providing service on equipment. Company reserves the right to remove such items at its discretion.

4. Exclusions. Unless expressly included in the Maintenance, the Maintenance to be provided by Company does not include, and Company shall not be liable for, any of the following:

- a. Any guarantee of room conditions or system performance, except as may be set forth in **Schedule H** of this Agreement;
- b. Inspection, maintenance, repair, replacement of or services for: chilled water and condenser water pumps and piping; electrical disconnect switches or circuit breakers; motor starting equipment and interconnecting power wiring; recording or portable instruments, gauges or thermometers; any pipe covering or insulation containing asbestos, or non-maintainable parts of the system such as unit cabinets, shells, ductwork, electrical wiring, hydronic piping, structural supports, boiler refractory material and shells, storage tanks and similar items; the appearance of decorative casing or cabinets; damage

sustained by other equipment or systems; and/or any failure, mis-adjustments or design deficiencies in other equipment or systems;

c. Repairs or replacement of parts made necessary as a result of electrical power failure, low voltage, burned out main or branch fuses, low water pressure, vandalism, misuse or abuse, improper operation, unauthorized alteration of Covered Equipment, accident, negligence of Agency or others, damage due to freezing weather, calamity or malicious act;

d. Any damage or malfunction resulting from freezing, contamination, corrosion or erosion on the water side of the equipment or caused by scale or sludge on internal tubes except where water treatment protection services are provided by Company as part of this Agreement;

e. Furnishing any items of equipment, material, or labor, or performing special tests recommended or required by insurance companies or federal, state, or local governments;

f. Failure or inadequacy of any structure or foundation supporting or surrounding the Covered Equipment or any portion thereof;

g. Building access or alterations that might be necessary to repair or replace Agency's existing equipment;

h. The normal function of starting and stopping the Covered Equipment or the opening and closing of valves, dampers or regulators normally installed to protect the Covered Equipment against damage;

i. Any responsibility for design or redesign of the system or the Covered Equipment, obsolescence, safety tests, or removal or reinstallation of valve bodies and dampers; and

j. Any services, claims, or damages arising out of Agency's failure to comply with its obligations under this Agreement.

The following is an overview of the scope of Company's maintenance services to be performed on Covered Equipment. Items marked are included in this Agreement.

Services Included	Cooling Season Service
X	Annual Maintenance Inspection
X	Operating Inspections Qty(3)

Services Included	Labor and Materials for Covered Equipment
X	Scheduled Maintenance Labor
X	Scheduled Maintenance Parts and Materials
	Emergency Repair Parts and Materials
	Emergency Repair Labor: Repairs will be performed on covered equipment during Trane regular business hours.
	Overtime Repair Labor for Emergency Failures (outside Trane regular business hours)

	Refrigerant Replacement % of Charge per year
X	Refrigerant Usage Reporting

Services Included	Additional Services
X	Condenser Tube Brushing once per year
X	Condenser Head (one end) removed by Trane and Visual Tube Inspection once per year as part of Tube Brushing service listed above.
X	Clean Condenser Coils once per year
	Cooling Tower Cleaning once per year
X	Evaporator Coil Cleaning once per year
	Evaporator Tube Brushing once performed in Contract Year _____
X	Starter Maintenance on 480 Volt or less, starters only; where applicable
	Air Filter Changes as required up to Qty _____ changes per year
X	Waste oil removal and proper disposal by Trane
X	Drive Belts supplied by Trane once per year on the air handlers
X	Oil analysis performed once per year on the Chillers

Notes:

- 1) Newly installed HVAC equipment and controls will include Quarterly service by Trane.
- 2) New Trane HVAC equipment will ship with a 5 year warranty.
- 3) Existing Equipment will be maintained by City Staff.
- 4) Filter changes and pan treatments to be provided by City Staff

COVERED EQUIPMENT

Equipment Type	Location	Manufacturer	Model	Serial	Service Type
Chiller	City Hall	Trane	RTHD	TBD	Scheduled
5 - Air Handlers w/ VFDs	“	Trane	TBD	TBD	Scheduled
20 – VAV Boxes	“	Trane	TBD	TBD	Scheduled
(2) Variable Primary Chilled Water Pumps w/ VFD's	“	NA	TBD	TBD	Scheduled
(2) Condenser Water Pumps	“	NA	TBD	TBD	Scheduled
Tracer Controls	“	Trane	TBD	TBD	Scheduled
		NA	TBD	TBD	Scheduled
2 – Rooftop units	Library	Trane	TBD	TBD	
2 – Air handlers	“	Trane	TBD	TBD	Scheduled
Tracer Controls	“	Trane	TBD	TBD	Scheduled
			TBD	TBD	
Variable Speed Drives for Chilled Water Pumps	Public Safety	Trane	TBD	TBD	Scheduled

ENERGY SAVINGS GUARANTEE MONITORING AND VERIFICATION SERVICES

<i>Included if Checked</i>	<i>Per Year</i>	<i>Maintenance Description</i>
X	4	Scheduled Service – Mechanical and Controls
X		Monitoring and Verification
X	12	• Utility Bill Coordination and Analysis
X	2	• Building Walkthroughs and Inspection Reporting
X	1	• Annual Reconciliation Report
X	12	* Trane Intelligent Services - Central Monitoring – Building Performance Package

Trane Intelligent Services

Alarm Notification

Providing a high level of Alarm Notification this service minimizes downtime by providing alarm dial out to multiple devices and features:

- Automatic notification from customer defined critical alarm points
- 7 days per week 24 hours per day automated alarm notification
- Automated alarm routing via one or all, e-mail, text message, or pager-devices
- Archiving of critical alarm data
- Activity will be tracked via a monthly alarm report
- To ensure customers Building Automation System is communicating with Trane we automatically validate site connection each week

Active Monitoring

Trane Technical Specialists monitor customer's system around the clock performing diagnostics and alarm remediation, when it can be accomplished remotely, to minimize system downtime and reduce the need for a service call out to customer's site.

- Monitor and respond to customer defined critical alarm points
- 7 days per week 24 hours per day alarm monitoring
- Fault diagnostics by Trane Technical Specialist with alarm remediation when it can be accomplished remotely
- Intelligent mobilization of local Trane authorized service personnel
- Automated alarm activity report (daily, weekly, monthly)
- Archiving of critical alarm data
- To ensure customers Building Automation System is communicating with Trane we automatically validate site connection each week

Building Performance

Building Performance Package (BPP) provides initial and continuous, system-wide monitoring, collection and analysis of data from your Building Automation System (BAS) and produces actionable recommendations and alarm fault diagnostics on a routine basis, and alarm remediation when it can be accomplished remotely.

The Building Performance Package collects information from Trane's Tracer Summit™ systems, interprets it and provides recommendations that will help you optimize reliability and system efficiency. Trane Technical specialists will monitor your system around the clock performing diagnostics and alarm remediation when possible to minimize system downtime and reduce the need for a service call out to customer's site.

Heli-Rotor Chillers, W-C (Small Tonnage Screw Chillers)

Comprehensive Annual Inspection Service – Trane ROT-210

- Report in with the Customer Representative.
- Record and report abnormal conditions, measurements taken, etc.
- Review customer logs with the customer for operational problems and trends.

General Assembly

- Leak-test the chiller and report the results.
- Repair minor leaks as required (e.g. valve packing, flare nuts).
- Visually inspect condenser tubes for cleanliness.

Controls and Safeties

- Inspect the control panel for cleanliness.
- Inspect wiring and connections for tightness and signs of overheating and discoloration.
- Verify all settings in the electronic control panel.
- Test the operation of the chilled water pump and condenser water pump starter auxiliary contacts.
- Verify the setting of the current control device.

Lubrication System

- Pull oil sample for spectroscopic analysis.
- Test oil for acid content, and discoloration. Make recommendations to the customer based on the results of the test.

Motor and Starter

- Clean the starter and cabinet.
- Inspect wiring and connections for tightness and signs of overheating and discoloration.
- Check condition of the contacts for wear and pitting.
- Check contactors for free and smooth operation.
- Check the mechanical linkages for wear, security and clearances.
- Check tightness of motor terminal connections.
- Meg the motor and record readings.
- Verify the operation of the electrical interlocks.
- Measure voltage and record. Voltage should be nominal voltage ± 10 percent.

Mid-Season Running Inspection ROT-230

- Check the general operation of the unit.
- Log the operating temperatures, pressures, voltages, and amperages.
- Check the operation of the control circuit.
- Check the operation of the motor and starter.
- Analyze the recorded data. Compare the data to the original design conditions.
- Review operating procedures with operating personnel.
- Provide a written report of completed work, operating log, and indicate any uncorrected deficiencies detected.

Condenser Inspections Visual & Tube Brush Inspection

30-80 Tons CDS-110

- Remove the easy end head only.
- Visually inspect and brush the condenser tubes.
- Report the results to the customer.

NOTE: The term "easy end head" refers to the head which has no piping attached to it. In the case of 1-pass or 3-pass vessels, there will be no easy end head, and extra time must be allotted to the job for the removal of the piping. An exception to this would be the unit's having marine boxes.

Special Analysis Procedures

Oil Sample/Spectrographic Analysis ANL-110

- Pull oil sample for spectrographic analysis.

Direct Drive Pumps

Annual Inspection PMP-110

- Report in with the Customer Representative
- Record and report abnormal conditions, measurements taken, etc.
- Review customer logs with the customer for operational problems and trends.

General Assembly

- Check motor shaft and pump shaft for alignment, if applicable.
- Inspect the coupling for wear.
- Verify that the shaft guard is in place and tight, if applicable.
- Verify water flow through the pump.
- Check for leaks on the mechanical pump seals, if applicable.
- Verify proper drip rate on the pump seal packing, if applicable.
- Verify smooth operation of the pump.
- Provide a written report of completed work, operating log, and indicate any uncorrected deficiencies detected.

Lubrication

- Lubricate the motor bearings as necessary.
- Lubricate the pump bearings as necessary.

Motor and Starter

- Clean the starter and cabinet.
- Inspect wiring and connections for tightness and signs of overheating and discoloration.
- Meg the motor.
- Verify tight connections on the motor terminals.
- Check the condition of the contacts for wear and pitting, if applicable.
- Check the contactors for free and smooth operation.
- Verify proper volts and amps.

Pump Run Inspection PMP-111

- Verify smooth operation of the pump.
- Check for leaks on the mechanical pump seals, if applicable.
- Verify proper drip rate on the pump seal packing, if applicable.
- Provide a written report of completed work, operating log, and indicate any uncorrected deficiencies detected.

Strainers

Strainer Inspection STR-110

- Inspect in-line strainer.

Variable Frequency Drives Maintenance Procedure MSC-130

- Report in with the Customer Representative.
- Record and report abnormal conditions, measurements taken, etc.
- Review customer logs with the customer for operational problems and trends.
- Clean the heat sink.
- Inspect wiring and connections for tightness and signs of overheating and discoloration.
- Visually inspect panel for loose or damaged parts or wiring; also check for any accumulation of dirt and/or moisture.
- Verify proper operation of the unit.
- Verify proper DC buss voltage.

Central Station Air Handling Units

Comprehensive Annual Inspection AHU-110

- Report in with the Customer Representative.
- Record and report abnormal conditions, measurements taken, etc.
- Review customer logs with the customer for operational problems and trends.

General Assembly

- Inspect the unit for cleanliness.
- Inspect the fan wheel and shaft for wear and clearance.
- Check the sheaves and pulleys for wear and alignment.
- Check the belts for tension, wear, cracks, and glazing.
- Verify tight bolts, set screws, and locking collars.
- Check dampers for wear, security and linkage adjustment.
- Verify clean condensate pan.
- Verify proper operation of the condensate drain.
- Verify clean air filters.
- Verify clean coils.
- Verify proper operation of the spray pump, if applicable.
- Verify smooth fan operation.
- Log operating conditions after system has stabilized.
- Provide a written report of completed work, operating log, and indicate any uncorrected deficiencies detected.

Lubrication

- Lubricate the fan shaft bearings, if applicable.
- Lubricate the motor bearings, if applicable.

Controls and Safeties

- Test the operation of the low temperature safety device, if applicable.
- Test the operation of the high static pressure safety device, if applicable.
- Test the operation of the low static pressure safety device, if applicable.
- Check the thermal cutout on electric heaters, if applicable.
- Check the step controller, if applicable.
- Check and record supply air and control air pressure, if applicable.
- Verify the operation of the control system and dampers while the fan is operating.

Motor and Starter

- Clean the starter and cabinet.
- Inspect the wiring and connections for tightness and signs of overheating and discoloration. This includes wiring to the electric heat, if applicable.
- Check the condition of the contacts for wear and pitting.
- Check the contactors for free and smooth operation.
- Meg the motor and record readings.

Scheduled Running Inspection AHU-130

- Check the general condition of the fan.
- Verify smooth fan operation.
- Check and record supply and control air pressure, if applicable.
- Verify the operation of the control system.
- Log the operating conditions after the system has stabilized.
- Review operating procedures with operating personnel.
- Provide a written report of completed work, operating log, and indicate uncorrected deficiencies detected.

Variable Air Volume Units

VariTrane Inspection VAV-110

- Report in with the Customer Representative.
- Record and report abnormal conditions, measurements taken, etc.
- Review customer logs with the customer for operational problems and trends.
- Verify proper air valve operation.
- Check and adjust velocity control, if applicable.
- Verify VAV box sequence of operation.
- Check and adjust all related controls.

RTU-Voyager III

Comprehensive Annual Maintenance-Cooling Cycle RTU-310

- Report in with the Customer Representative
- Record and report abnormal conditions, measurements taken, etc.
- Review customer logs with the customer for operational problems and trends.

General Assembly

- Inspect for leaks and report leak check results.
- Repair minor leaks as required (e.g. valve packing, flare nuts).
- Check the sheaves and pulleys for wear and alignment.
- Check the belts for tension, wear, cracks, and/or glazing.
- Verify proper damper operation.
- Check mechanical linkages for wear, tightness, and clearances.
- Verify clean condenser and evaporator.
- Verify clean evaporator fan.
- Verify clean air filters.
- Verify the operation of the crankcase oil heater(s), if applicable.

Controls and Safeties

- Verify the operation of the discharge air temperature control device, if applicable.
- Verify the operation of the outside air temperature control device.
- Verify the operation of the mixed air temperature control device.
- Test the operation of the high condenser pressure safety device. Calibrate, if necessary, and record setting.
- Test the operation of the low temperature safety device. Calibrate, if necessary, and record setting.
- Test the operation of the low pressure safety device(s). Calibrate, if necessary, and record setting.

Lubrication

- Lubricate motor bearings, if applicable.
- Lubricate fan bearings.
- Check oil level in the compressor(s), if applicable.

Motor and Starter

- Clean the starter and cabinet.
- Inspect wiring and connections for tightness and signs of overheating and discoloration.
- Check the contactors for free and smooth operation.
- Meg the compressor motor(s) and record readings.
- Verify the tightness of the compressor motor terminal connections.
- Verify the operation of the crankcase oil heater(s), if applicable.

Start-up / Checkout Procedure

- Start the unit.
- Verify the starter operation.
- Verify the smooth operation of the compressors and fans.
- Log operating conditions of the unit after the system has stabilized.
- Review operating procedures with operating personnel.
- Provide a written report of completed work, operating log, and indicate any uncorrected deficiencies detected.

Comprehensive Maintenance Inspection-Heating Cycle RTU-315

- Perform the heating inspection/maintenance procedure applicable to the unit (steam/hot water, electric, gas).
- Verify smooth operation of the fans.
- Check the belts for tension, wear, cracks, and glazing.
- Verify clean air filters.

Electric Heat Option

- Inspect wiring and connections for tightness and signs of overheating and discoloration.
- Check and calibrate operating and safety controls, if applicable.
- Verify the operation of the heating elements.
- Check voltage and amperage and compare readings with the watt rating on the heater.

Start-up / Checkout Procedure

- Verify smooth operation of the fans.
- Check the belts for tension, wear, cracks, and glazing.
- Verify clean air filters.
- Verify proper operation of the heating section.
- Verify the operation of the temperature controls.

Mid-Season Cooling Inspection RTU-330

- Start the unit.
- Verify the starter operation.
- Verify the smooth operation of the compressors and fans.
- Log operating conditions of the unit after the system has stabilized.
- Review operating procedures with operating personnel.
- Provide a written report of completed work, operating log, and indicate any uncorrected deficiencies detected.

DX Coils (10-100 Tons) EVP-220B

- Clean the coil, using water pressure, mechanical, or chemical methods, whichever methods are applicable.

An Introduction to Controls Maintenance

There is no doubt that proper operation and maintenance of the facility controls systems is a critical component to ensuring that a building operates at the lowest possible costs, while still providing a level of comfort that is conducive to high productivity. It does little good to purchase and maintain the world's most efficient chillers or best lighting systems only to operate them at the wrong settings or when not really needed.

While controls maintenance does have some similar aspects to regular equipment maintenance, it also has unique and quite different requirements. Certainly, it is a requirement that the controls be physically and electronically maintained in a manner that keeps them functioning properly, similar to equipment maintenance. However, controls include another critical component that most equipment does not – a knowledge based component, captured in software settings and programs. This knowledge based component also requires maintenance, something that regular equipment does not.

The real value delivered by controls is not that they simply continue to communicate with each other and operate without failure, but is the schemes, algorithms and settings that determine the most efficient and reliable way to operate. This knowledge component is maintained and enhanced not by standing in front of a circuit board with a voltmeter, but instead through the operator's terminal and other diagnostic software.

Recognizing these differences, Trane has developed a unique maintenance program that accomplishes both goals – maintaining the physical and electronic equipment operating properly and also ensuring that it is supplied with the best possible schemes, algorithms, programs and settings. This program includes two major components – a '**physical touch**' that maintains the physical and electronic components operational characteristics, and a '**digital touch**' that focuses entirely on the operating software and settings.

Detailed within this proposal are a mix of both 'physical touch' and 'digital touch' requirements, balanced out in a manner that provides you with the confidence that the controls will not only be kept operating, but operating in a manner designed to lower operating and maintenance costs, and provide the comfort levels that help keep your high productivity facility just that – productive.

Specific programs appropriate for each of your facilities requirements are detailed in the following pages.

Central Monitoring Services CNT-315

Alarms monitoring

Trane will provide remote monitoring per the following matrix: TBD up to 60 Points

Point Address	Point Name/ID/Add. Description	Hours	Response Required

Summit BCU Maintenance Inspection CNT-145

- Report in with the Customer Representative.
- Review customer reports with the customer for operational problems and trends.

Control Panel

- Verify secure connections on all internal wiring, LAN, and communication links.
- Check for loose or damaged parts or wiring.
- Check for any accumulation of dirt or moisture. Clean if required.
- Remove excessive dust from heat sink surfaces
- Verify proper system electrical grounding.
- Verify proper output voltages on control panel power supplies.
- Check LED Indications to verify proper operation of BCU transmit/receive activity on the ARCNET LAN.
- Verify LAN communications, if applicable, between work stations and BCU'S.
- Verify that cards are seated and secured.
- Check UCM wiring trunks and check for possible Error Code Indications
- Check voltage level of BCU Supercap.
- Verify the proper operation of critical control processes and points associated with this unit and make adjustments if necessary.
- Check Volatile memory available
- Check Non volatile memory available
- Check Processor idle time
- Dump the BCU System Diagnostic Array and Analyze
- Run the BCU Mini-monitor for each BCU to check for any error statements and/or codes
- Clean external surfaces of the panel enclosure.
- Check modem operation, if applicable.
- Via PC work station, view the event log and input/output points for any unusual status or override conditions.
- Verify correct time and date.
- Check and update holiday schedules, if applicable, and daylight savings time.
- Review operating procedures with operating personnel.
- Provide a written report of completed work, and indicate any uncorrected deficiencies detected.

Summit BCU Run Inspection CNT-146

- Report in with the Customer Representative.
- Review customer reports with the customer for operational problems and trends.

Control Panel

- Verify secure connections on all internal wiring, LAN, and communication links.
- Check for loose or damaged parts or wiring.
- Check for any accumulation of dirt or moisture. Clean if required.
- Verify proper system electrical grounding.
- Verify proper output voltages on control panel power supplies.
- Verify proper BCU main logic board LED-operating sequences.
- Verify that cards are seated and secured.
- Verify LAN communications, if applicable, between work stations and other BCU'S.
- Verify correct time and date.
- Check and update holiday schedules, if applicable, and daylight savings time.
- Clean external surfaces of the panel enclosure.
- Check modem operation, if applicable.
- Via PC work station, view the event log and input/output points for any unusual status or override conditions.
- Review operating procedures with operating personnel.
- Provide a written report of completed work, and indicate any uncorrected deficiencies detected.

Summit Workstations Maintenance Inspection CNT-165

- Contact appropriate customer personnel
- Review Tracer for critical follow-up and off-line status indications, i.e. system error encountered items.
- Review System Event Log with customer, discuss Tracer operational concerns.
- Perform or schedule Corrective Maintenance procedures as appropriate to resolve situations noted in the preceding reviews.
- Install appropriate Tracer Software refinement and problem correction revisions as per this agreement.

Note: Revisions to other software programs not produced by Trane are not included. Likewise, Major revisions to the Tracer software that add new features and capabilities are not included.

Summit Workstation:

- Check monitor for clarity, focus and color.
- Clean Read/Write heads of removable disk drives
- Cycle power, listen for unusual motor bearing noises
- Verify proper system restart, check system date, time and hardware status
- Clean exterior surfaces
- Save/Copy/Backup Tracer Workstation Database, including custom graphics, expanded messages and CPL routines.

BAS-910 Scope of Work

Tracer Summit™ Operator Training – Level 1

Trane realizes that a facility operator's best chance for success in running an efficient and comfortable building comes about when they understand both their HVAC and lighting systems, and the controls that operate them. By gaining an understanding of their system capabilities, the building operator is in the best position to make minor adjustments, and to adequately communicate problems and areas for improvement with their Trane Building Services technician.

Trane has developed various levels of operating training with these goals in mind. By participating in operator training, the building operator will gain an understanding of their system and be better prepared to make minor adjustments for efficient, comfortable operation, and also to interface with their Trane Building Services technician in maintenance and improvement of the system. With a local understanding, the building operator will be able to minimize occupant comfort complaints by making minor adjustments, and also to assist in saving operating and maintenance costs by improving building efficiency.

Operator training is divided into various levels to reflect the desired involvement and advancing talents of the building operator. Level 1 training includes:

Tracer Summit Overview of System Capabilities

This training is targeted toward owner operators to familiarize them with the Tracer product line and its features such as system architecture, literature, applications, acronyms and terminology. The training will give an in-depth overview of system expansion capabilities for unit control applications. The product line consists of operator workstations, building control panels, and microprocessor-based unit controls for HVAC units, which together, create the Trane Integrated Comfort™ System (ICS).

Tracer Summit Software Operations / Database

This interactive training is designed to instruct the owner operator to perform daily operations on the Tracer Summit system workstation, including logon, logoff, using tool bars and menus, alarm acknowledgement, how to display and print event logs. The operator will learn to use the graphical interface to monitor and control the HVAC mechanical system, control lighting and other building systems.

BAS-930 Scope of Work

Tracer Summit™ Workstation Evaluation

The Tracer Summit workstation is the window into the performance of the Trane building automation system and ultimately the facility. The workstation allows the building operator to monitor all of the vital operating parameters in a building from a single location, including temperatures, pressures, schedules, trend logs, programs, etc.

The Tracer Summit Workstation evaluation is designed to allow the Trane Building Services technician to regularly inspect the Tracer Summit database to help ensure proper operation. Time-of-day scheduling, dates and time settings, program backups, etc. will also be checked. The BCU panel and Tracer Summit workstation databases will be checked for proper synchronization and software versioning. The event log will be checked and reviewed with owner and non-critical information will be cleared out. In addition, a backup of the database will be performed to allow for ease in restoration in the event of catastrophic system failure. The Technician will also cycle the power to the PC and verify proper system restart, check the system time and date and the hardware status.

By conducting a regular maintenance review, the Trane Building Services technician can ensure that the displayed data accurately reflects the status of the building, helping to minimize troubleshooting and maintenance time. In addition, proper database management and system restart capabilities help ensure that the system can be restored to operation quickly after any system failures, thus minimizing occupant discomfort and complaints.

BAS-931 Scope of Work

Building Control Unit

The Trane Building Control Unit (BCU) is at the heart of the Trane family of building automation controllers. The BCU coordinates communications between all of the individual unit controllers throughout the building, maintains trend records and alarms, and provides system level integration and optimization for groups of equipment. The BCU evaluation allows the Trane technician to check out all aspects of operation of the BCU including firmware and software versions, volatile and non-volatile memory capacities and communications with all devices listed on the riser diagram. Transmit and receive activity will be checked to verify proper operation and processor idle time will be recorded.

This is one of the most critical reviews since the BCU is typically controlling and coordinating the majority of building operations. By performing this review the Trane Building Services technician will ensure that all aspects of the building are coordinating and communicating properly.

This review can reduce energy and maintenance costs by ensuring that all equipment is operating in an optimized fashion and has not failed back to 'default' states. In addition, by confirming that trends and alarms are being properly collected, this review ensures that all the information necessary to run a trouble-free building with a minimum of troubleshooting effort is being gathered. As appropriate for each visit, Trane's Building Services technician will review and record the following items:

BAS-932 Scope of Work **Programmable Unit Controller**

The Trane programmable controller is part of the Trane family of building automation controllers used to monitor and control operation of miscellaneous or customized pieces of equipment. A sophisticated computer based device, the programmable controller is configured with various input and output modules custom selected to the application and the equipment it is controlling. With its completely customizable programming capabilities, the controller is tailored to meet the needs of non-standardized equipment and systems. The programmable controller's standalone capabilities allow it to continue to operate the associated equipment with default setpoints even upon loss of communications with other building controllers.

By conducting a regular maintenance review of the programmable controller, the Trane Building Services technician ensures that it contains the most up-to-date software and firmware, contains the appropriate customized routines, has not suffered any physical or electrical/electronic damage, and is continuing to operate the equipment in an appropriate manner.

This review helps ensure that the equipment is operating as intended, helping to minimize comfort complaints. The review will also allow the equipment to operate at the most energy efficient levels while also minimizing equipment maintenance. In addition, by confirming the standalone capabilities of these devices, this controller will be capable of providing comfort levels within the building even should communications to the BCU or other devices fail, thus minimizing unscheduled downtime and complaints.

BAS-950 Scope of Work **Air Handling Unit Review**

Built-up air handling units are a critical component in providing comfort to conditioned spaces. Consisting of a variety of fans, filters, heating and cooling coils, humidifying and de-humidifying apparatus, volume and speed control, outside and exhaust air assemblies, and other devices, air handling units are complex assemblies responsible for conditioning the air and delivering it to various spaces. With such a wide variety of equipment involved, control of the unit can become complex and critical for proper operation.

Proper maintenance of the air handler unit controls is important to efficient and reliable system operation. A review of the air handler controls not only involves a check of the performance of the unit controls, but also of the system strategies that allow you to operate your facility in an energy-efficient manner while also maintaining occupant comfort.

As part of this maintenance package, a Trane Building Services technician will review both the electronic and physical components of the air handling unit control system, along with the operating sequences, setpoints, limits, alarms and trend logging. Each air handling unit's input sensors (temperature, humidity, pressure, airflow, etc.), and end devices (valves, dampers, relays, variable outputs, etc.) will be checked and operation verified.

By validating that sensors are accurately calibrated, mechanical devices stroke through their full range of operation, control routines are appropriate, and safety limits, alarms and data logging are in place, the Trane Building Services technician can help ensure that the system is operating with the lowest energy consumption while still meeting comfort requirements. Proper operation will also minimize any maintenance costs due to

abnormal wear and tear on the unit. This review will specifically include, as application to each unit versus the specified sequence of operations:

- Time-of-Day and After-Hours Override Control
- Temperature and Humidity Control
- Temperature and Humidity Reset schedule(s)
- Outside Air/Economizer Control
- Static/Building Pressurization Control
- Energy Management Control
- Setpoint(s)
- Trends, Run Time Monitoring and Alarms

BAS-953 Scope of Work

Rooftop System Review

Rooftop units are a critical component of any HVAC system providing comfort to conditioned spaces. Consisting of compressors, condensers, fans, filters, heating and cooling coils, outside and exhaust air assemblies, and other devices, rooftop units are complete assemblies responsible for conditioning the air delivered to various spaces. With such a wide variety of mechanical devices involved, control of the unit can become complex and critical for proper operation.

Proper maintenance is critical to efficient and reliable system operation. A review of the rooftop unit controls not only involves a check of the performance of the unit controls, but also of the system strategies that allow you to operate your facility in an energy efficient manner while also maintaining occupant comfort.

As part of this maintenance package, a Trane Building Services technician will review both the electronic and physical components of the Rooftop Unit control system, along with the operating sequences, setpoints, limits, alarms and trend logging. Each Rooftop Unit's input sensors (temperature, humidity, pressure, airflow, etc...), and end devices (valves, dampers, relays, variable outputs, etc.) will be checked and operation verified.

By validating that sensors are accurately calibrated, mechanical devices stroke through their full range of operation, control routines are appropriate, and safety limits, alarms and data logging are in place, the technician can help ensure that the system is operating with the lowest energy consumption while meeting comfort requirements. Proper operation will also minimize any maintenance costs due to abnormal wear and tear on the unit. This review will specifically include, where appropriate within the scheduled sequence of operation:

- Time of Day and After-Hours Override Control
- Temperature and Humidity Control
- Temperature and Humidity Reset schedule(s)
- Outside Air/Economizer Control
- Static/Building Pressurization Control
- Other Energy Management Control Routines
- Setpoint(s)
- Trends, Run Time Monitoring and Alarms

BAS-956 Scope of Work

Variable Air Volume Terminal Units

Variable Air Volume (VAV) Terminal Units are the final piece of equipment before conditioned air is delivered to the space. Provided with cooled or heated air from an air handler or rooftop Unit, the VAV terminal unit adjusts the amount of air delivered to each individual space. When space comfort demand conditions are high, the VAV unit will deliver more air. As demand drops, the VAV unit reduces the amount of conditioned air to the space, typically also reducing noise from the diffusers. If the controlled temperature drops low enough, VAV boxes equipped with auxiliary fans and/or heat will energize those functions to provide additional heating to the space.

Control of the VAV unit air volume is critical to space comfort. With too much air, delivered spaces can become over-cooled and uncomfortable. Too much air can also result in high noise areas and starve other zones of available air. With too little air spaces can become stuffy and uncomfortably warm. A review of the VAV system not only involves a check of the performance of the VAV unit controls, but also of the system strategies that allow you to operate your facility in an energy-efficient manner while also maintaining occupant comfort.

As part of this maintenance package, a qualified Trane Building Services technician will review both the electronic and physical components of the VAV control system, along with the operating sequences, setpoints, limits, alarms and trend logging. By validating that all sensors are accurately calibrated, mechanical devices stroke through their full range of operation, control routines are appropriate, and safety limits, alarms and data logging are in place, the technician can help ensure that the system is operating with the lowest energy consumption and noise levels while meeting comfort requirements. This review will specifically include, where appropriate within the scheduled sequence of operation:

- Setpoint(s)
- Temperature Control
- Air Volume Control
- Auxiliary Fan and Reheat Control
- Time of Day and After-Hours Override Control
- Reset schedule(s)
- Other Energy Management Control

BAS-967 Scope of Work

Chiller Review

As the name implies, a chiller produces chilled water. The chilled water system then distributes this chilled water around the building to various other components (air handlers, VAV units, fan coils, etc.). These other components use the chilled water to cool air in individual zones. Chillers are designed and manufactured with several different compressor technologies (centrifugal, scroll, screw, reciprocating) and come in a wide variety of sizes to cool everything from homes to large commercial facilities.

It is easy to see why the chiller is a vital component of an HVAC System. It is typically the single largest energy-consuming device in the HVAC system and can represent a very large investment for the building owner. Often a single chiller is responsible for cooling an entire building. For these reasons it is important that the chiller is functioning efficiently and reliably.

Proper chiller maintenance is critical to efficient and reliable system operation. A review of the chiller controls not only involves a check of the performance of the unit controls, but also of the system strategies that allow the facility to operate in an energy-efficient manner while also maintaining occupant comfort.

As part of this maintenance package, a Trane Building Services technician will review both the electronic and physical components of the chiller control system, along with the operating sequences, setpoints, limits, alarms and trend logging. Each chillers input sensors (temperatures, pressures, water flow, etc.), and end devices (valves, pumps, relays, variable outputs, etc.) will be checked and operation verified.

By validating that sensors are accurately calibrated, mechanical devices stroke through their full range of operation, control routines are appropriate, and safety limits, alarms and data logging are in place, the technician can help ensure that the system is operating with the lowest energy consumption while still meeting comfort requirements. Proper operation will also minimize any maintenance costs due to abnormal wear and tear on the unit. This review will specifically include, where appropriate within the scheduled sequence of operation:

- Setpoints, loading and sequencing control
- Other Energy Management Control
- Trends, Run Time Monitoring and Alarms

BAS-970 Scope of Work

Time-of-Day Scheduling

Time-of-day scheduling is one of the simplest, yet most important energy-saving strategies. This strategy works by scheduling the use of all areas of a building based on time of day, ensuring that equipment runs only when it is needed. Time-of-day schedules can also be used to keep equipment running at minimal energy-use levels on weekends and holidays, creating schedules for special one-time occasions, or even changing setpoints at specific times of day.

Time-of-day scheduling allows the building operator to schedule various components of the HVAC system based on the typical usage of the facility. This strategy conserves fan power, minimizes ventilation heating and cooling, and reduces heat gains and losses through exterior surfaces. Being able to control equipment for unoccupied periods allows building temperatures to be set up or set back, outside air to be eliminated or greatly reduced, and fans to be shut off or put in an automatic mode to cycle when needed.

Periodic review of the time-of-day schedules allows for the opportunity to restore schedules that have been inadvertently modified or to make schedule changes to accommodate changing uses of a facility. The review will help ensure that only the portions of the facility that require conditioning are actually receiving it. This review will specifically include, where appropriate within the scheduled sequence of operation:

BAS-971 Scope of Work Optimal Start/Stop Review

Optimal start/stop is an enhancement over the traditional use of time-of-day scheduling. With time-of-day scheduling, building equipment is started and stopped at predetermined times to ensure that the building is comfortable when occupants arrive, and shuts down when no longer needed. Typically, the start and stop times are set based on 'worst case' scenarios to ensure that the building is always ready to be occupied no matter what the outside conditions. This can result in wasted energy and unnecessary equipment run time on days when demand conditions are not at their greatest.

Optimal start/stop (OSS) takes time-of-day scheduling a step further. Rather than scheduling when the equipment is to start or stop, OSS schedules when the space needs to be comfortable. The building control system then continuously monitors inside and outdoor conditions, and with a historical record of equipment capacities determines the latest possible time to start to still meet the comfort objectives (or the earliest time to shut down and keep the building comfortable until occupants leave). Requiring a variety of sensor readings and calculations, OSS is a sophisticated control routine that requires regular monitoring and review.

By delaying the start time to the latest possible, and advancing the stop time to the earliest possible, OSS saves money both through energy costs and by reducing the maintenance required. This review will specifically include, where appropriate within the scheduled sequence of operation:

BAS-972 Scope of Work Timed Override

Timed override routines allow the building operation to be as efficient as possible by shutting down systems after regularly scheduled hours, while allowing building occupants to work the flexible hours that today's careers demand. Obviously, no one wants to heat, cool or light a facility if it is not necessary, but with the occupant labor component being one of the most expensive elements in a facility, and frequently the only real productive element, the ability for occupants to work unusual hours is critical.

As part of the area control application, the timed override feature enables building occupants and management staff to override HVAC and lighting status into an occupied mode for temporary periods. Not willing to depend on occupants to remember to 'turn it off' upon leaving, the system will automatically return to unoccupied operation after an adjustable period. This allows for the energy saving benefits of building schedules while also affording for occupant flexibility and comfort in spaces that are used during off-hours. As part of this package, the Trane Building Services technician will review the after-hours occupancy report with the building operator to ensure this

feature is working properly and in conjunction with ever-changing building usage. This review will specifically include, where appropriate within the scheduled sequence of operation:

BAS-974 Scope of Work **Static Pressure Optimization Review**

During the design process, the worst case requirements for comfort demands of a VAV system are calculated and a static pressure setpoint is calculated to meet that maximum demand requirement. The system is then set to maintain this setpoint at all times. This ensures that the air handler will always be set to deliver enough capacity to meet that highest demand requirement, thus preventing 'hot calls' and other comfort disruptions.

The reality is that most systems rarely need to operate at that highest capacity level. This means that most of the time the air handler unit is operating at a higher level than required for the actual space comfort demands, causing wasted energy, increased system noise and possibly increased wear on the system components.

By optimizing the static pressure control, your Trane building automation system uses the power of information gathered from the actual space to determine the static pressure required. At times of lowered demand, the air handler unit static pressure setpoint is automatically lowered – since full capacity is not required. By lowering this setpoint less energy is required, noise levels decrease, and system wear is minimized. Conversely, as space comfort demand increases, the system automatically increases the static pressure to the minimum level required to meet the actual comfort requirements. This ensures that even as the space comfort load increases the air handler will be able to supply the capacity to meet the demand.

Optimization requires sophisticated system monitoring and programming. Not only must the system control the system static pressure accurately, but also analyze the space requirements from each variable air volume box, and adjust the static pressure setpoints appropriately. Combining this information the system is able to calculate the lowest required static pressure setpoint while also ensuring that all space demand requirements are met. Through this optimization you get the benefits of the least possible energy consumption along with the assurance that the system will always be automatically brought up to capacity to meet the greatest space demand requirements.

As part of this maintenance package, a Trane Building Services technician will review the optimization routines, data gathering processes, limits, alarms and trend logging. By validating that all gathered data is accurate and reset algorithms are operating properly, the technician can help ensure that the system is operating with the lowest energy consumption, but is still capable of meeting comfort requirements. This review will specifically include, where appropriate within the scheduled sequence of operation:

BAS-975 Scope of Work **Temperature Control**

Temperature control is one of the fundamental aspects of achieving occupant comfort. In fact, in many systems it is the only thing that people associate with comfort. While there are many other important aspects to comfort, basic and reliable temperature control is indeed critical.

Even simple temperature control is a complex process. In addition to insuring the right setpoints are maintained, the control system must also ensure that the control algorithms operate the equipment in a stable fashion without hunting and short-cycling, and also include limits to make sure that the equipment is not operated in a potentially damaging manner. Equally important is making sure that conflicting demands from the system do not allow the system to operate with conflicting setpoints which can result in simultaneous heating and cooling, resulting in wasted energy.

Periodic review of the temperature control routines allows for the opportunity to restore setpoints that have been inadvertently modified or to make tuning and limit changes to accommodate changes in the operating characteristics of a facility. The review will help ensure that the temperature control systems consume only the minimum amount of energy required to maintain comfort levels.

As part of this maintenance package, a Trane Building Services technician will review the control routines, data gathering processes, limits, alarms and trend logging. By validating that all gathered data is accurate and control algorithms are operating properly, the technician can help ensure that the system is operating with the lowest energy consumption, but is still capable of meeting comfort requirements. This review will specifically include, where appropriate within the scheduled sequence of operation:

BAS-976 Scope of Work **Humidity Control**

Humidity control, while not always recognized as such, is one of the fundamental aspects of achieving occupant comfort. Maintaining proper humidity levels is critical to not only occupant comfort, but is also involved in preventing conditions that could result in undesirable microbial growths or facilities degradation.

Even simple humidity control is a complex process. In addition to insuring the right setpoints are maintained, the control system must also ensure that the control algorithms operate the equipment in a stable fashion without hunting and short-cycling, and also include limits to make sure that the equipment is not operated in a potentially damaging manner. Frequently utilizing the same equipment that provides temperature control, humidity control may require that heating and cooling systems operate at the same time. Significant amounts of energy can be wasted, and equipment maintenance increased if this simultaneous operation is not carefully coordinated and controlled.

Periodic review of the humidity control routines allows for the opportunity to restore setpoints that have been inadvertently modified or to make tuning and limit changes to accommodate changes in the operating characteristics of a facility. The review will help ensure that the humidity control systems consume only the minimum amount of energy required to maintain comfort levels.

As part of this maintenance package, a Trane Building Services technician will review the control routines, data gathering processes, limits, alarms and trend logging. By validating that all gathered data is accurate and control algorithms are operating properly, the technician can help ensure that the system is operating with the lowest energy consumption, but is still capable of meeting comfort requirements. This review will specifically include, where appropriate within the scheduled sequence of operation:

BAS-979 Scope of Work **Chilled Water System**

To provide cooling to a building, heat must be transferred from inside the building to the outside. The chilled water system is responsible for moving the heat. By transferring heat from the chilled water, the chillers then move that heat to the outside either through air-cooled condensers or a cooling tower system. To move the heat efficiently, a series of chillers, pumps, motor speed controllers, control valves, cooling towers, condensers or various other pieces of equipment must operate in concert. By carefully coordinating the operation of each of these pieces of equipment, the control system selects the most efficient combination of capacities and equipment to meet the minimal needs of the building. By operating only the minimal equipment required, the chilled water system ensures that sufficient cooling is provided to maintain comfort without wasting energy, but also to minimize maintenance costs by operating only the equipment that is required.

In order to assure effective environmental conditioning while minimizing the cost to operate and maintain the equipment, the Trane Building Services technician will review operating sequences, practices and setpoints for the chilled water system. An initial survey of current equipment operating parameters and capabilities will be conducted during the cooling season, along with a regular review and tune-up as scheduled.

The facility will reduce operating costs by minimizing the cooling generated to the lowest acceptable levels. By regularly reviewing both the initial setup and the on-going operation of the Chilled Water System, the system will continue to operate at the lowest possible energy and maintenance costs. As equipment ages and operating practices change, regular reviews and adjustments will ensure that the system continues to operate at the lowest possible costs while providing all the comfort required. This review will specifically include, as application to each system versus the specified sequence of operations:

- Interlocks to Air Handling Units, Fan Coils and other supplied equipment
- Temperature, sequencing and capacity control
- Setpoint(s)
- Temperature Reset Schedule(s)
- Other Energy Management Control
- Trends, Run Time Monitoring and Alarms

BAS-980 Scope of Work

Chilled Water Reset

Chilled water reset allows the chilled water setpoint to be reset upwards based upon building and ambient conditions, easing the load on the chiller. By better matching the chiller to the load of the facility, energy consumption can be reduced and operating costs can be saved. The chilled water reset routines can be based on ambient conditions, system loads or temperatures, or directly on air handling loads to save energy while ensuring that comfort is maintained. The building automation system is responsible for determining the appropriate chilled water temperature setpoint, and controlling the chilled water plant to deliver those conditions.

However, simply raising the chilled water temperature may not result in an overall savings. The impact of any rise in the chilled water temperature supplied to the facility must be balanced against the potential loss of humidity control, and energy required pumping water and pushing air around the facility. With these additional considerations in place, proper control of a chilled water reset scheme requires careful coordination and balance between the affected items. Control applications like this can be complex and require fine-tuning to maintain optimal efficiency.

Proper reset of chilled water temperatures and plant optimization can help ensure that the building is operating with the lowest possible energy and maintenance costs. As part of this maintenance package, a Trane Building Services technician will work with the building operator to optimize the chiller water reset. The coverage will monitor the system load conditions and ensure that chilled water temperatures are supplied which satisfy appropriate comfort requirements while operating at the lowest possible energy and maintenance costs. This review will specifically include, where appropriate within the scheduled sequence of operation:

BAS-981 Scope of Work

Chiller - Cooling Tower Optimization

A chiller plant consists of several different pieces of equipment. The most notable energy consumers in a chiller plant are the chiller(s), cooling tower(s), and pump(s). The goal of the cooling tower and chiller subsystem is to reject the heat from the chillers at the highest system efficiency possible. In the past, this was accomplished by minimizing the workload of the largest motors. The reality is that not all mechanical devices have the same energy efficiency nor do they react the same way to changing conditions.

Chiller - Cooling Tower Optimization is a feature that optimizes total chiller plant operation by analyzing ambient and system information to dynamically control the entire chiller plant to minimize the plant's total energy consumption. The Trane systems approach to minimizing energy use by the cooling tower and chiller subsystem is unique - it uses a powerful algorithm to model the interaction of the cooling tower and chiller using real-time ambient conditions and chiller loading to calculate the optimal setpoint.

The facility can be operated at a lower overall cost by having the Trane service technician work with the building operator to optimize chiller plant operation. In addition to operating costs, maintenance costs can be kept at the lowest level by properly optimizing the balance between the chillers and cooling towers. This review will specifically include, where appropriate within the scheduled sequence of operation:

Scheduled Review Tasks:

- Review operating logs to check for system stability, capacity adjustment, and ability to control.

- Review system operating programming sequences, alarm settings, trend logging and safety interlocks and routines.
- Validate system setpoints and reset routines.
- Make minor adjustments.
- Provide a written report outlining findings and any recommendations

BAS-984 Scope of Work Hot Water System

In order to heat a building, heat must be generated and then moved from one place to another within the building. The hot water system is responsible for doing just this. To generate the heat, a boiler system is used. To move the heat efficiently, a series of pumps, motor speed controllers, control valves, or various other pieces of equipment must operate together. By carefully coordinating the operation of these pieces of equipment, the control system selects the most efficient combination of capacities and equipment to meet the minimal needs of the building. By operating only the minimal equipment required, the hot water system ensures that sufficient heating is provided to maintain comfort without wasting energy, and to minimize maintenance costs by operating only the equipment that is required at a given point in time.

To assure effective environmental conditioning while minimizing the cost to operate and maintain the equipment, the Trane Building Services technician will review operating sequences, practices and setpoints for the hot water system. An initial survey of current equipment operating parameters and capabilities will be conducted during the cooling season, along with a regular review and tune-up as scheduled.

By regularly reviewing both the initial setup and the ongoing operation of the hot water system, the system will continue to operate at the lowest possible energy and maintenance costs. As equipment ages and operating practices change, regular reviews and adjustments will ensure that the system continues to operate at the lowest possible costs while providing all the comfort required. This review will specifically include, where appropriate within the scheduled sequence of operation:

- Interlocks to Air Handling Units, Fan Coils and other supplied equipment
- Temperature, sequencing and capacity control
- Setpoint(s), Temperature Reset Schedule(s)
- Other Energy Management Control
- Trends, Run Time Monitoring and Alarms

Scheduled Review Tasks:

- Verify all control board modules are functional and communicating.
- Verify that the applicable system control strategies are functioning correctly.
- Verify that system setpoints, schedules, reset routines, etc. are appropriate.
- Check alarms and trend logs for failures or unusual activity.
- Verify operation of input sensors and devices.
- Verify operation of motors, valves, dampers, and actuators.
- Inspect interconnecting cables and electrical connections.
- Make minor adjustments.
- Provide a written report outlining findings and any recommendations.

Trane SCHEDULED Service Agreement

“Company” shall mean Trane U.S. Inc..

1. Acceptance. These terms and conditions are an integral part of Company's offer and form the basis of any agreement (the “Agreement”) resulting from Company's proposal (the “Proposal”) for the services (the “Services”) on equipment listed in the Proposal (the “Covered Equipment”). The Proposal is subject to acceptance in writing by the party to whom this offer is made or an authorized agent (“Customer”) delivered to Company within 30 days from the date of the Proposal. If Customer's order is an acceptance of the Proposal, without the addition of any other terms and conditions of sale or any other modification, this document shall be treated solely as an acknowledgment of such order. If Customer's order is expressly conditioned upon the Company's acceptance or assent to terms and/or conditions other than those expressed herein, return of such order by Company with these terms and conditions attached or referenced serves as Company's notice of objection to Customer's terms and as Company's counter-offer to provide Services in accordance with scope and terms and conditions of the original Proposal. If Customer does not reject or object in writing to Company within 10 days, the Company's counter-offer will be deemed accepted. Customer's acceptance of goods and/or Services by Company will in any event constitute an acceptance by Customer of these terms and conditions. This Agreement is subject to credit approval by Company. Upon disapproval of credit, Company may delay or suspend performance or, at its option, renegotiate prices and/or terms and conditions with Customer. If Company and Customer are unable to agree on such revisions, this Agreement shall be cancelled without any liability, other than Customer's obligation to pay for Services rendered by Company to the date of cancellation.

2. Service Fees and Taxes. Fees for the Services (the “Service Fee(s)”) shall be as set forth in the Proposal. Except as otherwise provided in the Proposal, the Service Fee is based on performance during regular business hours. Fees for Services performed outside Company's normal business hours shall be billed separately according to then prevailing overtime or emergency labor/labour rates. In addition to the stated Service Fee, Customer shall pay all taxes not legally required to be paid by Company or, alternatively, shall provide Company with an acceptable tax exemption certificate.

3. Term, Renewal, and Cancellation. The “Term” of this Agreement shall be as stated in the Proposal. Thereafter, unless earlier terminated, this Agreement shall be automatically renewed for succeeding 12 month terms (each a “Renewal Term”), subject to the Renewal Pricing Adjustment section herein, upon Company's delivery to Customer of a service renewal letter at least 45 days in advance of the scheduled expiration date and Customer's failure to notify Company in writing no later than 30 days prior to the scheduled expiration date that the Agreement shall not be renewed. This Agreement may be cancelled upon the written notice of either party to the other (for any reason or no reason) no later than 30 days prior to the scheduled expiration date; provided, however, that, in the event of a cancellation by Customer, Customer shall pay to Company the balance of the Service Fee applicable to the then current 12 month period of the Term or the Renewal Term.

4. Renewal Pricing Adjustment. The Service Fee for an impending Renewal Term shall be the current Service Fee (defined as the Service Fee for the initial Term or Renewal Term immediately preceding the impending Renewal Term) adjusted by the following: (a) increase and/or decrease for additions and/or deletions to Scope of Services; (b) 25% of the Current Service Fee shall be adjusted based upon the calendar year change in the (i) U.S. Bureau of Labor Statistics Producer Price Index for selected commodity groupings (Metals and Metal Products) for Services performed in the United States; or (ii) Statistics Canada Industrial Producer Price Index, Goods (Raw Material Price Indexes) for Services performed in Canada; (c) 65% of the Current Service Fee shall be adjusted based upon the change to cost of labor/labour; and (d) 10% of the Service Fee shall be adjusted based upon changes to Company services overhead costs, which include but are not limited to the cost of fuel, truck leasing, and office-related overhead factors. The Service Fee for an impending Renewal Term shall be set forth in the service renewal letter furnished to Customer.

5. Payment. Payment is due upon receipt of Company's invoice. The Service Fee shall be paid no less frequently than quarterly and in advance of performance of the Services. Company reserves the right to add to any account outstanding for more than 30 days a service charge equal to the lesser of the maximum allowable legal interest rate or 1.5% of the principal amount due at the end of each month. Without liability to Customer, Company may discontinue Services whenever payment is overdue. Customer shall pay all costs (including attorneys' fees) incurred by Company in attempting to collect amounts due or otherwise enforcing these terms and conditions.

6. Customer Breach. Each of the following events or conditions shall constitute a breach by Customer and shall give Company the right, without an election of remedies, to terminate this Agreement or suspend performance by delivery of written notice declaring termination, upon which event Customer shall be liable to the Company for all Services furnished to date and all damages sustained by Company (including lost profit and overhead): (1) Any failure by Customer to pay amounts when; or (2) any general assignment by Customer for the benefit of its creditors, or if Customer becomes bankrupt or insolvent or takes the benefit of any statute for bankrupt or insolvent debtors, or makes or proposes to make any proposal or arrangement with creditors, or if any steps are taken for the winding up or other termination of Customer or the liquidation of its assets, or if a trustee, receiver, or similar person is appointed over any of the assets or interests of Customer; (3) Any representation or warranty furnished by Customer in connection with this Agreement is false or misleading in any material respect when made; or (4) Any failure by Customer to perform or comply with any material provision of this Agreement.

7. Performance. Company shall perform the Services in accordance with industry standards generally applicable in the area under similar circumstances as of the time Company performs the Services. Company may refuse to perform any Services or work where working conditions could endanger property or put at risk the safety of people. Unless otherwise agreed to by Customer and Company, at Customer's expense and before the Services begin, Customer will provide any necessary access platforms, catwalks to safely perform the Services in compliance with OSHA or state industrial safety regulations. This Agreement presupposes that all major pieces of Covered Equipment are in proper operating condition as of the date hereof. Services furnished are premised on the Covered Equipment being in a maintainable condition. In no event shall Company have any obligation to replace Covered Equipment that is no longer maintainable. During the first 30 days of this Agreement, or upon initial inspection, and/or upon seasonal start-up (if included in the Services), if an inspection by Company of Covered Equipment indicates repairs or replacement is required, Company will provide a written quotation for such repairs or replacement. If Customer does not authorize such repairs or replacement, Company may remove the unacceptable equipment from the Covered Equipment and adjust the Service Fee accordingly. During the Term or a Renewal Term, Company may elect to install/attach to Customer equipment or provide portable devices (hardware and/or software) for execution of control or diagnostic procedures. Such devices shall remain the personal proprietary property of Company and in no event shall become a fixture of Customer locations. Customer shall not acquire any interest, title or equity in any hardware, software, processes, and other intellectual or proprietary rights to devices used in connection with the Services on Customer equipment. Company reserves the right to remove such devices at its discretion.

8. Customer Obligations. Customer shall: (a) Provide Company reasonable and safe access to the Covered Equipment; (b) Follow manufacturer recommendations concerning teardown and internal inspection, major overhaul, restoration or refurbishing of the Covered Equipment; unless expressly stated in the Scope of Services statement, Company is not performing any manufacturer recommended teardown and internal inspection, major overhaul, restoration or refurbishing of the Covered Equipment; Company shall not be responsible to perform any subsequent repairs to the Covered Equipment necessitated by Customer's failure to follow such manufacturer recommendations; (c) Reimburse Company for services, repairs, and/or replacements performed by Company as set forth in this Agreement, beyond the Services or otherwise excluded hereunder. Such reimbursement shall be at the then prevailing applicable regular, overtime, or holiday rates for labor/labour and prices for materials and may at Company's option be subject to a separate written agreement prior to its undertaking such work; and (d) Where applicable, unless water treatment is expressly included in the Services, provide professional cooling tower water treatment in accordance with any reasonable recommendations provided by Company.

9. Exclusions. Unless expressly included in the Covered Equipment or this Agreement, the Services do not include, and Company shall not be liable for, any of the following: (a) Any guarantee of room conditions or system performance; (b) Inspection, maintenance, repair, replacement of or services for: chilled water and condenser water pumps and piping; electrical disconnect switches or circuit breakers; motor starting equipment that is not factory mounted and interconnecting power wiring; recording or portable instruments, gauges or thermometers; non-moving parts or non-maintainable parts of the system, including, but not limited to,

storage tanks; pressure vessels, shells, coils, tubes, housings, castings, casings, drain pans, panels, duct work; piping: hydraulic, hydronic, pneumatic, gas, or refrigerant; insulation; pipe covering; refractory material; fuses, unit cabinets; electrical wiring; ductwork or conduit; electrical distribution system; hydronic structural supports and similar items; the appearance of decorative casing or cabinets; damage sustained by other equipment or systems; and/or any failure, misadjustment or design deficiencies in other equipment or systems; (c) Damage, repairs or replacement of parts made necessary as a result of electrical power failure, low voltage, burned out main or branch fuses, low water pressure, vandalism, misuse or abuse, water damage, improper operation, unauthorized alteration of Covered Equipment, accident, acts or omissions of Customer or others, damage due to freezing weather, calamity, malicious act, or any Event of Force Majeure; (d) Any damage or malfunction resulting from vibration, electrolytic action, freezing, contamination, corrosion, erosion, or caused by scale or sludge on internal tubes except where water treatment protection services are provided by Company as part of this Agreement; (e) Furnishing any items of equipment, material, or labor/labour, or performing special tests recommended or required by insurance companies or federal, state, or local governments; (f) Failure or inadequacy of any structure or foundation supporting or surrounding the Covered Equipment or any portion thereof; (g) Building access or alterations that might be necessary to repair or replace Customer's existing equipment; (h) The normal function of starting and stopping the Covered Equipment or the opening and closing of valves, dampers or regulators normally installed to protect the Covered Equipment against damage; (i) Valves that are not factory mounted: balance, stop, control, and other valves external to the device unless specifically included in the Agreement; (j) Any responsibility for design or redesign of the system or the Covered Equipment, obsolescence, safety tests, or removal or reinstallation of valve bodies and dampers; (k) Any services, claims, or damages arising out of Customer's failure to comply with its obligations under this Agreement; (l) Failure of Customer to follow manufacturer recommendations concerning overhaul and refurbishing of the Covered Equipment; (m) Any claims, damages, losses, or expenses, arising from or related to conditions that existed in, on, or upon the premises before the effective date of this Agreement ("Pre-Existing Conditions"), including, without limitation, damages, losses, or expenses involving pre-existing building envelope issues, mechanical issues, plumbing issues, and/or indoor air quality issues involving mold/mould and/or fungi; (n) Replacement of refrigerant is excluded, unless replacement of refrigerant is expressly stated as included within the Services, in which case replacement shall in no event exceed the stated percentage of rated system charge per year expressly stated in the Services. Customer shall be responsible for (o) The cost of any additional replacement refrigerant; (p) Operation of any equipment; and (q) Any claims, damages, losses, or expenses, arising from or related to work done by or services provided by individuals or entities that are not employed by or hired by Company.

10. Warranty. Company warrants that: (a) the material manufactured by Company and furnished hereunder is free from defects in material and manufacture for a period of 12 months from the earlier of the date of equipment start-up or replacement; and (b) the labor/labour portion of the Services is warranted to have been properly performed for a period of 90 days from date of completion (the "Warranty"). Company obligations of equipment start-up, if any are stated in the Proposal, are coterminous with the Warranty period. Defects must be reported to Company within the Warranty period. Company's obligation under the Warranty is limited to repairing or replacing the defective part at its option and to correcting any improperly performed labor/labour. No liability whatsoever shall attach to Company until the Services have been paid for in full. Exclusions from this Warranty include damage or failure arising from: wear and tear; corrosion, erosion, deterioration; Customer's failure to follow the Company-provided maintenance plan; and modifications made by others to Company's equipment. Company shall not be obligated to pay for the cost of lost refrigerant or lost product. Additional terms and conditions of warranty coverage are applicable for refrigeration equipment. Some components of Company equipment may be warranted directly from the component supplier, in which event this Company Warranty shall not apply to those components but shall be pursuant to the warranty given by such component supplier. Notwithstanding the foregoing, all warranties provided herein terminate upon termination or cancellation of this Agreement. Equipment, material and/or parts that are not manufactured by Company are not warranted by Company and have such warranties as may be extended by the respective manufacturer. **THE WARRANTY AND LIABILITY SET FORTH IN THIS AGREEMENT ARE IN LIEU OF ALL OTHER WARRANTIES AND LIABILITIES, WHETHER IN CONTRACT OR IN NEGLIGENCE, EXPRESS OR IMPLIED, IN LAW OR IN FACT, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND/OR OTHERS ARISING FROM COURSE OF DEALING OR TRADE. UNLESS EXPRESSLY WARRANTED IN WRITING FOR CERTAIN HUSSMANN BRANDED EQUIPMENT, COMPANY MAKES NO REPRESENTATION OR WARRANTY EXPRESS OR IMPLIED REGARDING PREVENTION BY THE SCOPE OF SERVICES, OR ANY COMPONENT THEREOF, OF MOLD/MOULD, FUNGUS, BACTERIA, MICROBIAL GROWTH, OR ANY OTHER CONTAMINATES. COMPANY SPECIFICALLY DISCLAIMS ANY LIABILITY IF THE SCOPE OF SERVICES OR ANY COMPONENT THEREOF IS USED TO PREVENT OR INHIBIT THE GROWTH OF SUCH MATERIALS.**

11. Indemnity. Company and Customer shall indemnify, defend and hold harmless each other from any and all claims, actions, costs, expenses, damages and liabilities, including reasonable attorneys' fees, resulting from death or bodily injury or damage to real or personal property, to the extent caused by the negligence or misconduct of the indemnifying party, and/or its respective employees or other authorized agents in connection with their activities within the scope of this Agreement. Neither party shall indemnify the other against claims, damages, expenses, or liabilities to the extent attributable to the acts or omissions of the other party. If the parties are both at fault, the obligation to indemnify shall be proportional to their relative fault. The duty to indemnify will continue in full force and effect, notwithstanding the expiration or early termination hereof, with respect to any claims based on facts or conditions that occurred prior to expiration or termination.

12. Limitation of Liability. NOTWITHSTANDING ANYTHING TO THE CONTRARY, NEITHER PARTY SHALL BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY NATURE (INCLUDING WITHOUT LIMITATION REFRIGERANT LOSS, PRODUCT LOSS, LOST REVENUE OR PROFITS), OR PUNITIVE DAMAGES WHETHER CLAIMED UNDER CONTRACT, WARRANTY, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER LEGAL THEORY OR FACTS. Should Company nevertheless be found liable for any damages they shall be limited to the purchase price of the Services for one location over a 12 month term. **IN NO EVENT SHALL COMPANY BE LIABLE FOR ANY DAMAGES (WHETHER DIRECT OR INDIRECT) RESULTING FROM MOLD/MOULD, FUNGUS, BACTERIA, MICROBIAL GROWTH, OR OTHER CONTAMINATES OR AIRBORNE BIOLOGICAL AGENTS.**

13. Asbestos and Hazardous Materials. The Services expressly exclude any identification, abatement, cleanup, control, disposal, removal or other work connected with asbestos polychlorinated biphenyl ("PCB"), or other hazardous materials (collectively, "Hazardous Materials"). Customer warrants and represents that, except as set forth in a writing signed by Company, there are no Hazardous Materials on the Premises that will in any way affect Company's Services and Customer has disclosed to Company the existence and location of any Hazardous Materials in all areas within which Company will be performing the Services. Should Company become aware of or suspect the presence of Hazardous Materials, Company may immediately stop work in the affected area and shall notify Customer. Customer will be responsible for taking any and all action necessary to correct the condition in accordance with all applicable laws and regulations. Customer shall be exclusively responsible for and shall indemnify and hold harmless Company (including its employees, agents and subcontractors) from and against any loss, claim, liability, fees, penalties, injury (including death) or liability of any nature, and the payment thereof, arising out of or relating to any Hazardous Materials on or about the premises, not brought onto the premises by Company. Company shall be required to resume performance of the Services only in the absence of Hazardous Materials or when the affected area has been rendered harmless. In no event shall Company be obligated to transport or handle Hazardous Materials, provide any notices to any governmental agency, or examine the premises site for the presence of Hazardous Materials.

14. Insurance. Company agrees to maintain the following insurance during the term of this Agreement with limits not less than shown below and will, upon request from Customer, provide a Certificate of evidencing the following coverage:

Commercial General Liability	\$2,000,000 per occurrence
Automobile Liability	\$2,000,000 CSL
Workers Compensation	Statutory Limits

If Customer has requested to be named as an additional insured under Company's insurance policy, Company will do so subject to Company's manuscript additional insured endorsement. In no event does Company waive right of subrogation.

15. Force Majeure. Company's duty to perform under this Agreement is contingent upon the non-occurrence of an Event of Force Majeure. If Company shall be unable to carry out any material obligation under this Agreement due to an Event of Force Majeure, this Agreement shall at Company's election (i) remain in effect but Company's obligations shall be suspended until the uncontrollable event terminates or (ii) be terminated upon 10 days notice to Customer, in which event Customer shall pay Company for all parts of the Services furnished to the date of termination. An "Event of Force Majeure" shall mean any cause or event beyond the control of Company. Without limiting the foregoing, "Event of Force Majeure" includes: acts of God; acts of terrorism, war or the public enemy; flood; earthquake; lightning; tornado; storm; fire; civil disobedience; pandemic; insurrections; riots; labor/labour disputes; labor/labour or material shortages from the usual sources of supply; sabotage; restraint by court order or public authority (whether valid or invalid), and action or non-action by or inability to obtain or keep in force the necessary governmental authorizations, permits, licenses, certificates or approvals if not caused by Company; and the requirements of any applicable government in any manner that diverts either the material or the finished product to the direct or indirect benefit of the government.

16. Services Other Than Solely Scheduled Service. If Company's services hereunder are not limited solely to Scheduled Service, the following provisions shall also apply: (a) Required restoration shall be performed by Customer at its cost prior to Company being obligated to perform hereunder; (b) any changes, adjustments, service or repairs made to the Equipment by any party other than Company, unless approved by Company in writing, may, at Company's option, terminate Company's obligation to render further service to the Equipment so affected; in such case no refund of any portion of the Service Fee shall be made; and (c) Customer shall (i) promptly notify Company of any unusual performance of Equipment; (ii) permit only Company personnel to repair or adjust Equipment and/or controls during the Term or a Renewal Term; and (iii) utilize qualified personnel to properly operate the Equipment in accordance with the applicable operating manuals and recommended procedures.

17. General. Except as provided below, to the maximum extent provided by law, this Agreement is made and shall be interpreted and enforced in accordance with the laws of the state or province in which the Services are performed. Any dispute arising under or relating to this Agreement that is not disposed of by agreement shall be decided by litigation in a court of competent jurisdiction located in the state or province in which the Services are performed. To the extent the premises are owned and/or operated by any agency of the Federal Government, determination of any substantive issue of law shall be according to the Federal common law of Government contracts as enunciated and applied by Federal judicial bodies and boards of contract appeals of the Federal Government. This Agreement contains all of the agreements, representations and understandings of the parties and supersedes all previous understandings, commitments or agreements, oral or written, related to the subject matter hereof. Except as provided for Service Fee adjustments, this Agreement may not be amended, modified or terminated except by a writing signed by the parties hereto. No documents shall be incorporated herein by reference except to the extent Company is a signatory thereon. If any term or condition of this Agreement is invalid, illegal or incapable of being enforced by any rule of law, all other terms and conditions of this Agreement will nevertheless remain in full force and effect as long as the economic or legal substance of the transaction contemplated hereby is not affected in a manner adverse to any party hereto. Customer may not assign, transfer, or convey this Agreement, or any part hereof, without the written consent of Company. Subject to the foregoing, this Agreement shall bind and inure to the benefit of the parties hereto and their permitted successors and assigns. This Agreement may be executed in several counterparts, each of which when executed shall be deemed to be an original, but all together shall constitute but one and the same Agreement. A fully executed facsimile copy hereof or the several counterparts shall suffice as an original.

18. Equal Employment Opportunity/Affirmative Action Clause. Company is a federal contractor that complies fully with Executive Order 11246, as amended, and the applicable regulations contained in 41 C.F.R. Parts 60-1 through 60-60, 29 U.S.C. Section 793 and the applicable regulations contained in 41 C.F.R. Part 60-741; and 38 U.S.C. Section 4212 and the applicable regulations contained in 41 C.F.R. Part 60-250 in the United States and with Canadian Charter of Rights and Freedoms Schedule B to the Canada Act 1982 (U.K.) 1982, c. 11 and applicable Provincial Human Rights Codes and employment law in Canada.

19. U.S. Government Services. The following provision applies only to direct sales by Company to the US Government. The Parties acknowledge that all items or services ordered and delivered under this Agreement are Commercial Items as defined under Part 12 of the Federal Acquisition Regulation (FAR). In particular, Company agrees to be bound only by those Federal contracting clauses that apply to "commercial" suppliers and that are contained in FAR 52.212-5(e)(1). Company complies with 52.219-8 or 52.219-9 in its service and installation contracting business. **The following provision applies only to indirect sales by Company to the US Government.** As a Commercial Item Subcontractor, Company accepts only the following mandatory flow down provisions: 52.219-8; 52.222-26; 52.222-35; 52.222-36; 52.222-39; 52.247-64. If the Services are in connection with a U.S. Government contract, Customer certifies that it has provided and will provide current, accurate, and complete information, representations and certifications to all government officials, including but not limited to the contracting officer and officials of the Small Business Administration, on all matters related to the prime contract, including but not limited to all aspects of its ownership, eligibility, and performance. Anything herein notwithstanding, Company will have no obligations to Customer unless and until Customer provides Company with a true, correct and complete executed copy of the prime contract. Upon request, Customer will provide copies to Company of all requested written communications with any government official related to the prime contract prior to or concurrent with the execution thereof, including but not limited to any communications related to Customer's ownership, eligibility or performance of the prime contract. Customer will obtain written authorization and approval from Company prior to providing any government official any information about Company's performance of the Services that are the subject of the Proposal or this Agreement, other than the Proposal or this Agreement.

1-26.130-7 (0610)
Supersedes 1-26.130-7 (0110)

End of the Agreement

Schedule J

Agency's Maintenance Responsibilities

Agency Responsibilities: Agency acknowledges that it has an integral role in energy use achieving savings and agrees its responsibilities set forth below:

- a. Provide Company reasonable and safe access to all Equipment;
- b. Reimburse Company for services, repairs, and/or replacements performed by Company beyond the scope of Maintenance and Company's warranty or otherwise excluded hereunder. Such reimbursement shall be at the then prevailing applicable regular or overtime/holiday rates for labor and prices for materials and may at Company's option be subject to a separate written agreement prior to its undertaking such work;
- c. Promptly notify Company of any unusual performance of equipment;
- d. Permit only Trane personnel to repair or adjust Equipment and/or controls during the Term;
- e. Utilize qualified personnel to properly operate the Equipment in accordance with the applicable operating manuals and recommended procedures;
- f. Properly maintain, repair, and replace all energy consuming non-covered equipment with equipment of equal or better energy and operational efficiencies and promptly notify Company of the repair and /or replacement, but no later than within 14 calendar days from the commencement thereof. **Schedule I** outlines the Covered Equipment by Trane and Trane's responsibilities for preventative maintenance and repair service.
- g. Make available to Company upon its request copies of maintenance records and procedures regarding maintenance of the Facility;
- h. Promptly provide Company with notice of system and building alterations at the Facility that impact energy consumption, including but not limited to: energy management systems, automatic door operation, structural, occupancy sensors, photocell/timer control of exterior lighting and heat recovery systems;
- i. Provide to Company true, accurate and complete copies of all energy related bills for each calendar year within ten (10) days after the end of each calendar year. In each event that Agency fails to provide energy related bills for any period within a calendar year within thirty (30) days after the end of the calendar year in which the missing bills relate, Company shall calculate savings equal to the guaranteed energy use savings, prorated for the utility billing period to which said energy bills relate, until such time as the bills are provided. In the event Company subsequently receives or obtains the untimely energy related bill and such bill discloses that savings were achieved in an amount greater or lesser than had been stipulated hereunder, such greater or lesser savings will be used in calculating Energy Cost Savings. In such event, the Company may charge the Agency an hourly rate for additional time required of Company to recalculate the actual savings for the annual reconciliation;

- j. Provide to Company true, accurate and complete descriptions of all energy consuming devices within seven (7) days after installation and start up of such equipment. This equipment includes, but is not limited to heating, cooling or ventilating equipment, computers and other electronics, water heaters, kitchen equipment, laundry equipment, mobile trailer units, portable hospital equipment;
- k. Furnish to Company true, accurate and complete copies of any utility rate schedules or tariffs promptly upon Company's request for the same and, in any event, within thirty calendar days after Agency's receipt of notice of a utility rate change;
- l. Maintain in effect and fully perform its obligations under the Maintenance Agreement throughout the duration of the Guarantee;
- m. During the Term of the Agreement, permit only Trane personnel to repair, adjust or program equipment, systems, and/or controls covered by this Agreement or affecting equipment, systems, and/or controls covered by this Agreement, except in the event of an emergency, in which event Agency shall immediately notify Company of the existence of the emergency no later than within twenty-four (24) hours of the commencement of the emergency condition.
- n. The following items are expressly excluded from this contract, other than the covered equipment listed in the maintenance agreement shown in Schedule I, and are the Agency's responsibility to properly maintain in order for the system to function properly:
- Cooling tower, Water Pumps and Controller
 - Boiler(s)
 - Air Handling Units and Filters
 - Exhaust Fans
 - Self-contained packaged and split A/C systems
 - Any equipment not listed on the covered equipment page
- o. Maintain a clean environment for the equipment to operate. Debris, materials, other equipment shall not be stored, placed, discarded in locations of new equipment. Access to all furnished equipment shall be maintained.
- p. Insure that equipment is not tampered with, damaged, vandalized, or taken out of service without the express knowledge of Company.

Schedule K Company's Training Schedule

Initial Training

Company will provide Twenty-four (24) hours of owner training upon substantial completion of the project. Training will be provided during three, eight-hour blocks.

Company's training facilities will be made available to the Agency and the Agency's employees.

These training hours can be used at the discretion of the Agency.

Annual Training

Company will provide Agency training of four (4) hours per year. This training will occur upon the annual inspection of the control system.

One Time Training

3. Residential Energy Awareness Campaign (REAC) through which we will distribute Energy Efficient Compact Florescent Lamps along with flyers describing energy savings techniques and products available for energy conservation in homes. The distributions will occur at public places such as libraries, fairs, and other community events. The program will include the flyers for distribution and the purchase and distribution of the Compact Florescent Lamps.
4. An Energy Conservation / LEED Training Program designed to get our commercial and industrial businesses involved in energy conservation. Our goal will be to target 200 Commercial, Multiple Dwelling and Public Authority City Utility customers. The training will be daylong classes involving what facilities can do to conserve energy. Trane will offer a "Free Energy Analysis" to each business participant. For each business in attendance, Trane will perform this audit using their patented "Energy Analyzer Program", describing the individual facilities current energy use and the opportunities to save energy. The program will include course materials for each attendee.

EXHIBIT I
Performance Bond

EXHIBIT II (i)
Certificate of Substantial Completion

City of Winter Park – Guaranteed Performance Contract

Trane Project No.:

Date Certificate Submitted to Customer:

The Services performed pursuant to the Guaranteed Energy Performance Savings Contract, by and between City of Winter Park, City Commission ("Agency") and Trane U.S. Inc., dated as of , 2011 have been inspected by the undersigned Agency, have been determined to be substantially complete, and Agency accepts the same.

The Date(s) of Substantial Completion for the Services noted below is/are hereby established as the earlier of (i) the date Agency executes this Certificate, as noted below, or (ii) fourteen (14) calendar days after the date noted above as the date this Certificate is submitted to Agency.

The Warranty Period commences as of the Warranty Commencement Date stated below with respect to the following corresponding equipment or work:

Services: Description of Equipment or Work	Warranty Commencement Date

Agency, by and through the undersigned duly authorized representative, accepts the above listed Services as substantially complete and assumes full possession thereof as of the Date of Substantial Completion.

City of Winter Park, City Commission

By: _____

Its: _____

Date of Customer's Signature: _____

EXHIBIT II (ii)
Certificate of Final Completion

City of Winter Park – Guaranteed Performance Contract

Trane Project No.:

Date Certificate Submitted to Customer:

The Services performed pursuant to the Guaranteed Energy Performance Savings Contract, by and between City of Winter Park, City Commission ("Agency") and Trane U.S. Inc., dated as of November 25, 2008 have been inspected by the undersigned Agency, have been determined to be finally complete, and Agency accepts the same.

The Date(s) of Final Completion is hereby established as the earlier of (i) the date Agency executes this Certificate, as noted below, or (ii) fourteen (14) calendar days after the date noted above as the date this Certificate is submitted to Agency.

The Warranty Period commences as of the Warranty Commencement Date stated below with respect to the following corresponding equipment or work:

Services: Description of Equipment or Work	Warranty Commencement Date

Agency, by and through the undersigned duly authorized representative, accepts the above listed Services as substantially complete and assumes full possession thereof as of the Date of Final Completion.

City of Winter Park, City Commission

By: _____

Its: _____

Date of Customer's Signature: _____

EXHIBIT III
Equipment Warranty

Workmanship and Equipment Warranty. Company warrants that, for the “**Warranty Period**”, Company-manufactured Equipment installed hereunder and the installation of the Equipment included within the services performed by Company hereunder (i) shall be free from defects in material, manufacture, and workmanship and (ii) shall have the capacities and ratings set forth in Company’s catalogs and bulletins. For all Equipment the “**Warranty Period**” is one year from the Substantial Completion of each energy conservation measure in which the Equipment was installed. Equipment and/or parts that are not manufactured by Company are not warranted by Company and have such warranties as may be extended by the respective manufacturer, but Company’s work in installing Equipment and parts not manufactured by Company are warranted by Company and covered by this warranty. If such defect in Company-manufactured Equipment, the installation work for Equipment manufactured by Company, and/or the installation work for Equipment not manufactured by Company is discovered within the Warranty Period, Company will correct the defect or furnish or obtain replacement equipment (or, at its option, parts therefore) and all labor associated with the replacement of parts or equipment or installation work not conforming to this warranty. Only new, and not reconditioned parts, may be used and installed when repair is necessary. No liability whatever shall attach to Company until said Equipment and services have been paid for in full and then said liability shall be limited to Company’s cost to correct the defective Equipment or work and/or the purchase price of the Equipment shown to be defective. Company’s warranties expressly exclude any remedy for damage or defect caused by corrosion, erosion, or deterioration, abuse, modifications or repairs not performed by Company, improper operation, or normal wear and tear under normal usage. Company shall not be obligated to pay for the cost of lost refrigerant.

The foregoing does not apply to Maintenance and the warranties for Maintenance are separately stated on **Schedule I** of this Agreement.

THE WARRANTY AND LIABILITY SET FORTH IN THIS SECTION ARE IN LIEU OF ALL OTHER WARRANTIES AND LIABILITIES, WHETHER IN CONTRACT OR IN NEGLIGENCE, EXPRESS OR IMPLIED, IN LAW OR IN FACT, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL COMPANY BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL (INCLUDING WITHOUT LIMITATION LOST PROFITS), OR PUNITIVE DAMAGES. No representation or warranty of merchantability or fitness of purpose is made regarding prevention by the Scope of Services, or any component thereof, of mold, fungus, bacteria, microbial growth, or any other contaminants. Company specifically disclaims any liability if the Scope of Services or any component thereof is used to prevent or inhibit the growth of such materials.

Company covenants, agrees, and warrants that all Equipment not manufactured by Company to be installed as part of this Contract shall be protected by appropriate original equipment manufacturer

(OEM) written warranties covering all parts and equipment performance. Company further agrees to deliver to the Agency for inspection and approval, all such written warranties, which shall be attached hereto and become a part of this Contract. All OEM warranties shall be transferable and extend to the Agency. The warranties shall specify that only new, and not reconditioned parts, may be used and installed when repair is necessary and shall be in force for each energy conservation measure for a minimum of one year from the Substantial Completion Date of each energy conservation measure.

The following is a list of the Extended Warranties that apply to this project:

Building	Equipment	Extended Warranty	Warranty Provider
City Hall	Chiller	2 nd -5 th year Parts and Labor	Trane
City Hall & Library	Air Handlers	2 nd -5 th year Parts and Labor	Trane
City Hall & Library	Control Boards	2 nd -5 th year Parts and Labor	Trane
City Hall, Library & Public Safety	VFDs	2 nd & 3 rd year parts and Labor	Trane
Library	Rooftop Units	2 nd -5 th Parts and Labor	Trane
Library	Cool roof	10 year leak free warranty	Roof Coating Manufacturer – Gaco Western or equivalent
Multiple Buildings	Water Flush valves	3 year parts warranty	Zurn
Multiple Buildings	T-8 lighting	Lamp 3 year parts, ballast 5 year parts and labor	Sylvania

Appendix A
Savings Summary

See Next Page

DETAILED ENERGY STUDY SAVINGS SUMMARY CITY OF WINTER PARK WINTER PARK, FLORIDA Detailed Energy Study Completed: DECEMBER 2009 Project#: H3-39487																			
Note: Calculated savings dollars come from the tool used in the calculation method. In the case that an ECM results in an increase in consumption (negative savings), it may not be possible to calculate the dollars saved from the Guaranteed energy units and the applied utility rate.																			
3.77257E+14		Calculated			% Total Util. Cost	Guaranteed				Bldg. data			ECI				Notes		
Building 1 ECM	Calculation Method	Savings (Dollars \$)	Safety Factor	Guaranteed Savings		kWh Saved	kW Saved	therms Saved	kgals Saved	Sq. Ft.	Utility Costs	BTU ft2	\$/ft2 Before	\$/ft2 Projected	\$/ft2 Guaranteed	BTU/ft2 Guaranteed		% of Base \$ Guaranteed	
PUBLIC SAFETY		Baseline Adjustment not included in savings totals.																	
BASE ADJUSTMENT		Trace 700 6.2.4	\$ (7,954)	10%	(\$9,104)	-4.3%	(103,234)	(257)	0	-		\$ 223,068	131,506	\$ 3.28	\$ 2.82	\$ 2.87	115,108	12.5%	Existing Baseline AHU 1 Outside Air damper found closed and returned to open position.
ECM 1 - WINDOWS		Trace 700 6.2.4	\$ -	10%	\$0	0.0%	0	0	0	-									
ECM 3 - LIGHT CONTROL		Trace 700 6.2.4	\$ -	10%	\$0	0.0%	0	0	0	-									
ECM 4 - SETPOINT		Trace 700 6.2.4	\$ 9,177	10%	\$8,260	3.9%	94,799	205	0	-									
ECM 5 - SETBACK		Trace 700 6.2.4	\$ 766	10%	\$674	0.3%	9,450	(25)	0	-									
ECM 6 - RETURN AIR STATIC		Trace 700 6.2.4	\$ -	10%	\$0	0.0%	0	0	0	-									
ECM 9 - DCV		Trace 700 6.2.4	\$ 8,738	10%	\$7,683	3.6%	88,318	188	0	-									
ECM 11 - Liebert to CHW		Trace 700 6.2.4	\$ -	10%	\$0	0.0%	0	0	0	-									
ECM 13 - Variable Primary		Trace 700 6.2.4	\$ 12,475	10%	\$11,227		134,247	148	0	-									
Total Savings			\$ 31,156		\$27,844	13.0%	326,814	517	-	-									
Building 2 ECM		Calculation Method	Savings (Dollars \$)	Safety Factor	Guaranteed Savings	% Total Util. Cost	kWh Saved	kW Saved	therms Saved	kgals Saved	Sq. Ft.	Utility Costs	BTU ft2	\$/ft2 Before	\$/ft2 Projected	\$/ft2 Guaranteed	BTU/ft2 Guaranteed	% of Base \$ Guaranteed	Notes
LIBRARY											34,608	\$ 60,027	77,651	\$ 1.73	\$ 1.40	\$ 1.44	66,172	17.2%	
ECM 1- WINDOWS		Trace 700 6.2.4	\$ -	10%	\$0	0.0%	0	0	0	0									
ECM 2- LIGHTING		Trace 700 6.2.4	\$ 9,381	10%	\$8,443	14.1%	94,292	273	0	0									
ECM 4- SETPOINTS		Trace 700 6.2.4	\$ 1,246	10%	\$1,122	1.9%	13,551	11	0	0									
ECM 5- SETBACKS		Trace 700 6.2.4	\$ 602	10%	\$533	0.9%	6,657	(0)	0	0									
ECM 8 - SZ to VAV		Trace 700 6.2.4	\$ -	10%	\$0	0.0%	0	0	0	0									
ECM 9 - DCV		Trace 700 6.2.4	\$ -	10%	\$0	0.0%	0	0	0	0									
ECM 10 - RTU to DX CDD		Trace 700 6.2.4	\$ 283	10%	\$255	0.4%	1,932	30	0	0									
ECM 12 - MultiStack Chiller		Trace 700 6.2.4	\$ -	10%	\$0	0.0%	0	0	0	0									
ECM 17 - Cool Roof Retrofit		Trace 700 6.2.5	\$ -	0%	\$0	0.0%	0	0	0	0									
			\$ -	0%	\$0	0.0%	0	0	0	0									
			\$ -	0%	\$0	0.0%	0	0	0	0									
Total Savings			\$ 11,512		\$10,352	17.2%	116,433	315	0	0									
Building 3 ECM		Calculation Method	Savings (Dollars \$)	Safety Factor	Guaranteed Savings	% Total Util. Cost	kWh Saved	kW Saved	therms Saved	kgals Saved	Sq. Ft.	Utility Costs	BTU ft2	\$/ft2 Before	\$/ft2 Projected	\$/ft2 Guaranteed	BTU/ft2 Guaranteed	% of Base \$ Guaranteed	Notes
CIVIC CENTER											10,578	\$ 34,678	101,576	\$ 3.28	\$ 2.95	\$ 2.99	92,187	8.9%	
ECM 2 - LIGHTING		Trace 700 6.2.4	\$ 3,450	10%	\$3,101	8.9%	29,107	78	0	0									
			\$ -	10%	\$0	0.0%	0	0	0	0									
			\$ -	10%	\$0	0.0%	0	0	0	0									
			\$ -	10%	\$0	0.0%	0	0	0	0									
			\$ -	10%	\$0	0.0%	0	0	0	0									
Total Savings			\$ 3,450		\$3,101	8.9%	29,107	78	0	0									
Building 4 ECM		Calculation Method	Savings (Dollars \$)	Safety Factor	Guaranteed Savings	% Total Util. Cost	kWh Saved	kW Saved	therms Saved	kgals Saved	Sq. Ft.	Utility Costs	BTU ft2	\$/ft2 Before	\$/ft2 Projected	\$/ft2 Guaranteed	BTU/ft2 Guaranteed	% of Base \$ Guaranteed	Notes
CITY HALL											24,038	\$ 80,752	143,194	\$ 3.36	\$ 1.58	\$ 1.77	68,851	47.2%	
ECM 2 - LIGHTING		Trace 700 6.2.4	\$ 7,480	10%	\$6,713	8.3%	80,799	254	(83)	0									
ECM 3 - LIGHT CONTROL		Trace 700 6.2.4	\$ -	10%	\$0	0.0%	0	0	0	0									
ECM 4 - SETPOINT		Trace 700 6.2.4	\$ 15,227	10%	\$13,701	17.0%	176,439	40	412	0									
ECM 5 - SETBACK		Trace 700 6.2.4	\$ 1,549	10%	\$1,321	1.6%	23,241	(122)	0	0									
ECM 7 - 2-PIPE to VAVRH		Trace 700 6.2.4	\$ 6,635	10%	\$5,818	7.2%	75,876	(259)	841	0									
ECM 9 - DCV		Trace 700 6.2.4	\$ 3,409	10%	\$3,020	3.7%	39,467	31	0	0									
ECM 12 - MultiStack Chiller		Trace 700 6.2.4	\$ 955	10%	\$860	1.1%	7,314	97	0	0									
ECM 13 - Variable Primary		Trace 700 6.2.4	\$ 7,409	10%	\$6,668	8.3%	86,325	86	0	0									
			\$ -	0%	\$0	0.0%	0	0	0	0									
			\$ -	0%	\$0	0.0%	0	0	0	0									
			\$ -	0%	\$0	0.0%	0	0	0	0									
Total Savings			\$ 42,664		\$38,101	47.2%	489,460	127	1,170	0									
Building 5 ECM		Calculation Method	Savings (Dollars \$)	Safety Factor	Guaranteed Savings	% Total Util. Cost	kWh Saved	kW Saved	therms Saved	kgals Saved	Sq. Ft.	Utility Costs	BTU ft2	\$/ft2 Before	\$/ft2 Projected	\$/ft2 Guaranteed	BTU/ft2 Guaranteed	% of Base \$ Guaranteed	Notes
Option A											-	\$ -	-	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
ECM 15 - Lighting for Non-Modeled Bldgs		Retrofit-Sprdsht	\$ 39,607	5%	\$37,627	#DIV/0!	396,992	106	-	-									
ECM 15 - Lighting for Non-Modeled Bldgs		Control-Sprdsht	\$ 4,323	5%	\$4,106	#DIV/0!	37,627	-	-	-									
Stipulated																			
ECM 18 - Water Fixture Retrofit		City Hall-Sprdsht	\$ 1,519	9%	\$1,389	#DIV/0!	-	-	7	185									
ECM 18 - Water Fixture Retrofit		Library-Sprdsht	\$ 3,824	9%	\$3,497	#DIV/0!	-	-	22	465									
			\$ -	0%	\$0	#DIV/0!	-	-	-	-									
			\$ -	0%	\$0	#DIV/0!	-	-	-	-									
Total Savings			\$ 49,273		\$46,619	#DIV/0!	434,619	106	29	649									
Grand Total / Avg. (Option D)																			
		\$ 138,055		\$126,017		1,396,433	1,143	1,199	649	137,224	\$ 389,422	117,664	\$2.84	\$1.83	\$1.92	92,896	32.4%		

Appendix B
Technical Energy Audit Report



See Detailed Energy Audit Dated January 2010

Appendix C
Lighting Audit Report – Existing Fixtures

City Hall
Civic Center
Library
Non-Modeled
Public Safety

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
City Hall	1	1	Y	Halls	Compact Fluorecent	1	CFL Ballast - CFL	58	18	1.044	2994.04	18	1.04	2994.04	Exclude existing Compact Fluorescent
City Hall	2	1	Y	Halls	1X4 Surf. MiniCube	4	ES Magnetic - F40T12S	6	138	0.828	2374.59	138	0.83	2374.59	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	3	2	Y	Open Area	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	16	69	1.104	3166.11	69	1.10	3166.11	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	4	2	Y	Open Area	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	1	69	0.069	197.88	69	0.07	197.88	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
City Hall	5	3	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	6	4	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	1583.06	138	0.55	1583.06	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	7	5	Y	Halls	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	5	138	0.69	1978.82	138	0.69	1978.82	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
City Hall	8	6	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	791.53	69	0.28	791.53	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	9	7	Y	Halls	Incandescent	2	Incandescent	1	120	0.12	344.14	120	0.12	344.14	Replace fixture with 2x13 Drum fixture
City Hall	10	8	Y	Restrooms	Incandescent	2	Incandescent	2	120	0.24	688.29	120	0.24	688.29	Replace fixture with 2x13 Drum fixture
City Hall	11	8	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	12	9	Y	Restrooms	Incandescent	2	Incandescent	2	120	0.24	688.29	120	0.24	688.29	Replace fixture with 2x13 Drum fixture
City Hall	13	9	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	14	10	Y	Halls	Incandescent	1	Incandescent	3	60	0.18	516.21	60	0.18	516.21	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
City Hall	15	11	Y	Halls	1X4 Wrap	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	16	11	Y	Halls	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	17	12	Y	Multipurpose	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	6	138	0.828	2374.59	138	0.83	2374.59	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	18	12A	Y	Storage	Incandescent	1	Incandescent	1	60	0.06	172.07	60	0.06	172.07	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
City Hall	19	12B	Y	Storage	Incandescent	1	Incandescent	1	60	0.06	172.07	60	0.06	172.07	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
City Hall	20	13	Y	Halls	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	1583.06	138	0.55	1583.06	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
City Hall	21	14	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	1583.06	138	0.55	1583.06	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	22	15	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	8	138	1.104	3166.11	138	1.10	3166.11	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	23	15A	Y	Storage	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	24	15A	Y	Storage	1X2 Wrap	2	ES Magnetic - F20T12	1	42	0.042	120.45	42	0.04	120.45	Retrofit 1x2 fixture with (2) F17T8 lamps and Elec. Ballast
City Hall	25	16	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	1583.06	138	0.55	1583.06	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	26	17	Y	Admin / Office	2X4 Rec. Parabolic	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	27	17	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast

City Hall	28	17	Y	Admin / Office	1X4 Rec. Parabolic	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	29	18	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	30	19	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	791.53	138	0.28	791.53	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	31	20	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	6	69	0.414	1187.29	69	0.41	1187.29	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	32	21	Y	Open Area	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	16	69	1.104	3166.11	69	1.10	3166.11	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	33	21	Y	Open Area	Compact Fluorescent	2	CFL Ballast - CFL	2	36	0.072	206.49	36	0.07	206.49	Exclude existing Compact Fluorescent fixture
City Hall	34	21A	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	791.53	69	0.28	791.53	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	35	21B	Y	Admin / Office	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	4	69	0.276	791.53	69	0.28	791.53	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
City Hall	36	22	Y	Storage	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	37	23	Y	Storage	Incandescent	1	Incandescent	1	60	0.06	172.07	60	0.06	172.07	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
City Hall	38	EXITS	Y	24/7	Exit Inc. Double Face	2	Incandescent	6	40	0.24	2102.40	40	0.24	2102.40	Replace fixture with NEW LED Exit Sign - Battery Back Up
City Hall	39	24	Y	Halls	Incandescent	2	Incandescent	4	120	0.48	1376.57	120	0.48	1376.57	Replace fixture with 2x13 Drum fixture
City Hall	40	24	Y	Halls	Incandescent	2	Incandescent	1	240	0.24	688.29	240	0.24	688.29	Exclude existing Decorative Incandescent fixture
City Hall	41	24	Y	Halls	Incandescent	1	Incandescent	1	60	0.06	172.07	60	0.06	172.07	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
City Hall	42	25	Y	Halls	Incandescent	1	Incandescent	12	100	1.2	3441.43	100	1.20	3441.43	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
City Hall	43	26	Y	Restrooms	1X4 Wrap	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	44	26	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	45	27	Y	Restrooms	1X4 Wrap	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	46	27	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	47	28	Y	Multipurpose	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	12	69	0.828	2374.59	69	0.83	2374.59	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	48	28A	Y	Storage	Incandescent	2	Incandescent	1	120	0.12	344.14	120	0.12	344.14	Replace fixture with 2x13 Drum fixture
City Hall	49	28B	Y	Storage	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	50	28C	Y	Storage	Incandescent	1	Incandescent	1	60	0.06	172.07	60	0.06	172.07	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
City Hall	51	29	Y	Multipurpose	Incandescent	1	Incandescent	8	150	1.2	3441.43	150	1.20	3441.43	Replace recessed can with LED LR6 Unit
City Hall	52	29	Y	Multipurpose	Incandescent	1	Incandescent	16	150	2.4	6882.86	150	2.40	6882.86	Exclude existing Dimming Incandescent fixture
City Hall	53	29	Y	Multipurpose	Incandescent	1	Incandescent	53	60	3.18	9119.79	60	3.18	9119.79	Replace recessed can with LED LR6 Unit
City Hall	54	29	Y	Multipurpose	1X3 Cove Strip	2	ES Magnetic - F30T12	24	70	1.68	4818.00	70	1.68	4818.00	Retrofit 1x3 fixture with (2) F25T8 lamps and Elec. Ballast
City Hall	55	29A	Y	Halls	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	56	29A	Y	Halls	Incandescent	2	Incandescent	1	120	0.12	344.14	120	0.12	344.14	Replace fixture with 2x13 Drum fixture

City Hall	57	30	Y	Halls	Incandescent	1	Incandescent	1	100	0.1	286.79	100	0.10	286.79	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
City Hall	58	31	Y	Open Area	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	28	69	1.932	5540.70	69	1.93	5540.70	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	59	32	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	60	33	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	61	33	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	791.53	138	0.28	791.53	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	62	34	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	63	35	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	64	35	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	791.53	138	0.28	791.53	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	65	36	Y	Halls	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	5	138	0.69	1978.82	138	0.69	1978.82	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
City Hall	66	36	Y	Halls	1X4 Wrap	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	67	37	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	1583.06	138	0.55	1583.06	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	68	38	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	3	138	0.414	1187.29	138	0.41	1187.29	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	69	39	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	791.53	138	0.28	791.53	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	70	39	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	71	40	Y	Open Area	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	26	138	3.588	10289.87	138	3.59	10289.87	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	72	41	Y	Storage	1X4 Wrap	4	ES Magnetic - F40T12S	2	138	0.276	791.53	138	0.28	791.53	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	73	40A	Y	Storage	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
City Hall	74	40B	Y	Storage	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
City Hall	75	42	Y	Admin / Office	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	1	69	0.069	197.88	69	0.07	197.88	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
City Hall	76	42	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	791.53	69	0.28	791.53	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	77	43	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	791.53	69	0.28	791.53	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	78	44	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	1583.06	138	0.55	1583.06	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	79	44	Y	Admin / Office	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	1	69	0.069	197.88	69	0.07	197.88	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
City Hall	80	45	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	7	138	0.966	2770.35	138	0.97	2770.35	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	81	46	Y	Storage	Incandescent	1	Incandescent	1	60	0.06	172.07	60	0.06	172.07	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
City Hall	82	47	Y	Halls	1X4 Wrap	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	83	47	Y	Halls	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	84	48	Y	Halls	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
City Hall	85	49	Y	Restrooms	Incandescent	1	Incandescent	1	60	0.06	172.07	60	0.06	172.07	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral

City Hall	86	49	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	87	50	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	88	51	Y	Storage	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	89	51	Y	Storage	Incandescent	1	Incandescent	1	60	0.06	172.07	60	0.06	172.07	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
City Hall	90	52	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	6	138	0.828	2374.59	138	0.83	2374.59	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	91	ATTIC	Y	Storage	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	92	ATTIC	Y	Storage	Incandescent	1	Incandescent	4	60	0.24	688.29	60	0.24	688.29	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
City Hall	93	ELEV.	N	24/7	1X3 Strip	1	ES Magnetic - F30T12	2	34	0.068	595.68	34	0.07	595.68	Retrofit 1x3 fixture with (2) F25T8 lamps and Elec. Ballast
City Hall	94	ELEV.	N	24/7	1X4 Strip	1	ES Magnetic - F40T12S	2	34	0.068	595.68	34	0.07	595.68	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
City Hall	95	EXITS	Y	24/7	Exit Inc. Double Face	2	Incandescent	8	40	0.32	2803.20	40	0.32	2803.20	Replace fixture with NEW LED Exit Sign - Battery Back Up
City Hall	96	53	Y	Halls	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	6	138	0.828	2374.59	138	0.83	2374.59	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
City Hall	97	54	Y	Admin / Office	2X4 T8	4	Electronic - F32T8	2	112	0.224	642.40	112	0.22	642.40	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	98	55	Y	Open Area	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	8	138	1.104	3166.11	138	1.10	3166.11	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	99	55	Y	Open Area	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	3	69	0.207	593.65	69	0.21	593.65	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	100	56	Y	Halls	Incandescent	1	Incandescent	2	60	0.12	344.14	60	0.12	344.14	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
City Hall	101	57	Y	Storage	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	791.53	69	0.28	791.53	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	102	58	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	3	138	0.414	1187.29	138	0.41	1187.29	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	103	59	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	1583.06	138	0.55	1583.06	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	104	60	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	105	61	Y	Halls	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	1	69	0.069	197.88	69	0.07	197.88	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
City Hall	106	62	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	107	63	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	108	64	Y	Halls	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
City Hall	109	64	Y	Halls	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	1	69	0.069	197.88	69	0.07	197.88	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
City Hall	110	65	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	111	65	Y	Restrooms	Incandescent	2	Incandescent	1	120	0.12	344.14	120	0.12	344.14	Replace fixture with 2x13 Drum fixture
City Hall	112	66	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	113	66	Y	Restrooms	Incandescent	2	Incandescent	1	120	0.12	344.14	120	0.12	344.14	Replace fixture with 2x13 Drum fixture
City Hall	114	67	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast

City Hall	115	68	Y	Halls	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	3	69	0.207	593.65	69	0.21	593.65	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	116	69	Y	Admin / Office	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	791.53	69	0.28	791.53	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	117	70	Y	Admin / Office	2X4 T8	4	Electronic - F32T8	4	112	0.448	1284.80	112	0.45	1284.80	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	118	71	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	791.53	138	0.28	791.53	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	119	72	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	120	73	Y	Admin / Office	1X4 Strip	2	ES Magnetic - F40T12S	3	69	0.207	593.65	69	0.21	593.65	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	121	73	Y	Admin / Office	1X2 Wrap	2	ES Magnetic - F20T12	1	42	0.042	120.45	42	0.04	120.45	Retrofit 1x2 fixture with (2) F17T8 lamps and Elec. Ballast
City Hall	122	74	Y	Storage	Incandescent	1	Incandescent	1	100	0.1	286.79	100	0.10	286.79	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
City Hall	123	75	Y	Storage	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	124	76	Y	Multipurpose	1X4 Strip	2	ES Magnetic - F40T12S	12	69	0.828	2374.59	69	0.83	2374.59	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	125	76	Y	Multipurpose	1X4 Wrap	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	126	76	Y	Multipurpose	1X2 Wrap	2	ES Magnetic - F20T12	1	42	0.042	120.45	42	0.04	120.45	Retrofit 1x2 fixture with (2) F17T8 lamps and Elec. Ballast
City Hall	127	EXITS	Y	24/7	Exit Inc. Double Face	2	Incandescent	8	40	0.32	2803.20	40	0.32	2803.20	Replace fixture with NEW LED Exit Sign - Battery Back Up
City Hall	128	77	Y	Halls	Incandescent	1	Incandescent	2	60	0.12	344.14	60	0.12	344.14	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
City Hall	129	78	Y	Storage	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
City Hall	130	79	Y	Halls	Incandescent	2	Incandescent	1	120	0.12	344.14	120	0.12	344.14	Replace fixture with 2x13 Drum fixture
City Hall	131	79	Y	Halls	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	132	80	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	5	69	0.345	989.41	69	0.35	989.41	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	133	81	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	791.53	69	0.28	791.53	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	134	82	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	6	69	0.414	1187.29	69	0.41	1187.29	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	135	83	Y	Admin / Office	2X4 T8	4	Electronic - F32T8	2	112	0.224	642.40	112	0.22	642.40	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	136	84	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	137	85	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	138	85A	Y	Restrooms	Incandescent	2	Incandescent	1	120	0.12	344.14	120	0.12	344.14	Replace fixture with 2x13 Drum fixture
City Hall	139	85B	Y	Restrooms	Incandescent	1	Incandescent	1	100	0.1	286.79	100	0.10	286.79	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
City Hall	140	86	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	791.53	138	0.28	791.53	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	141	87	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	142	88	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	143	89	Y	Admin / Office	2X4 T8	4	Electronic - F32T8	2	112	0.224	642.40	112	0.22	642.40	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast

City Hall	144	90	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	1583.06	138	0.55	1583.06	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	145	91	Y	Halls	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	5	69	0.345	989.41	69	0.35	989.41	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	146	91	Y	Halls	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	2	69	0.138	395.76	69	0.14	395.76	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
City Hall	147	92	Y	Open Area	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	791.53	69	0.28	791.53	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	148	93	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	791.53	69	0.28	791.53	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	149	94	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	791.53	69	0.28	791.53	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	150	95	Y	Open Area	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	8	69	0.552	1583.06	69	0.55	1583.06	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	151	95A	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	152	95B	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	153	EXITS	Y	24/7	Exit Inc. Double Face	2	Incandescent	6	40	0.24	2102.40	40	0.24	2102.40	Replace fixture with NEW LED Exit Sign - Battery Back Up
City Hall	154	BASEMT. RR	Y	Restrooms	1X4 Vapor Tight	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	155	BASEMT. RR	Y	Restrooms	Incandescent	2	Incandescent	1	120	0.12	344.14	120	0.12	344.14	Replace fixture with 2x13 Drum fixture
City Hall	156	CLOSET	Y	Storage	Incandescent	1	Incandescent	1	60	0.06	172.07	60	0.06	172.07	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
City Hall	157	HALL	Y	Halls	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
City Hall	158	HALL	Y	Halls	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	159	CMP.STORG	Y	Storage	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	791.53	138	0.28	791.53	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
City Hall	160	OFFICE	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	1583.06	138	0.55	1583.06	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	161	OFFICE 2	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	6	138	0.828	2374.59	138	0.83	2374.59	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	162	COMP. RM	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	5	138	0.69	1978.82	138	0.69	1978.82	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	163	COMP. RM	Y	Admin / Office	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	2	69	0.138	395.76	69	0.14	395.76	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
City Hall	164	OFFICE 3	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	791.53	138	0.28	791.53	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
City Hall	165	COPY RM	Y	Multipurpose	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	791.53	138	0.28	791.53	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
City Hall	166	HALL	Y	Halls	1X4 Strip	2	ES Magnetic - F40T12S	7	69	0.483	1385.18	69	0.48	1385.18	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	167	CLOSET	Y	Storage	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	168	HALL	Y	Halls	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	169	EXIT	Y	24/7	Exit Inc. Double Face	2	Incandescent	3	40	0.12	1051.20	40	0.12	1051.20	Replace fixture with NEW LED Exit Sign - Battery Back Up
City Hall	170	MECH RM	N	Elec / Mech Rooms	1X4 Strip	2	ES Magnetic - F40T12S	6	69	0.414	431.74	69	0.41	431.74	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
City Hall	171	CLOSET	Y	Storage	1X8 Strip	2	ES Magnetic - F96T12S	1	138	0.138	395.76	138	0.14	395.76	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
City Hall	172	EXX RM	N	Elec / Mech Rooms	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	71.96	69	0.07	71.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast

City Hall	173	STAIRWELL	Y	Halls	Incandescent	2	Incandescent	2	120	0.24	688.29	120	0.24	688.29	Replace fixture with 2x13 Drum fixture
City Hall	174	OPEN	Y	Halls	1X8 Strip	2	ES Magnetic - F96T12S	2	138	0.276	791.53	138	0.28	791.53	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
City Hall	175	EXT.CANOPY	N	Exterior	Incandescent	1	Incandescent	26	60	1.56	6832.80	60	1.56	6832.80	Replace recessed can with LED LR6 Unit
City Hall	176	EXT.CANOPY	N	Exterior	Incandescent	1	Incandescent	4	150	0.6	2628.00	150	0.60	2628.00	Relamp Incandescent fixture with 23w R30 compact Fluorescent

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Civic Center	177	DRESS RM	Y	Multipurpose	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	359.79	69	0.14	359.79	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Civic Center	178	DRESS RM	Y	Multipurpose	Incandescent	1	Incandescent	5	60	0.3	782.14	60	0.30	782.14	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Civic Center	179	CLOSET	Y	Storage	1X4 Wrap	1	ES Magnetic - F40T12S	2	34	0.068	177.29	34	0.07	177.29	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
Civic Center	180	EXT DOOR	N	Halls	1X4 Strip	1	ES Magnetic - F40T12S	12	34	0.408	1063.71	34	0.41	1063.71	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
Civic Center	181	FOYER	Y	Halls	Quartz Flood	1	None - Q250Quartz	1	250	0.25	651.79	250	0.25	651.79	Exclude existing Incandescent / Quartz dimming fixture
Civic Center	182	DRESS RM	Y	Multipurpose	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	359.79	69	0.14	359.79	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Civic Center	183	DRESS RM	Y	Multipurpose	Incandescent	1	Incandescent	5	60	0.3	782.14	60	0.30	782.14	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Civic Center	184	STAGE DR	Y	Halls	Compact Fluorecent	1	CFL Ballast - CFL	2	26	0.052	135.57	26	0.05	135.57	Exclude existing Compact Fluorescent fixtures
Civic Center	185	HALL	Y	Halls	Incandescent	1	Incandescent	3	150	0.45	1173.21	150	0.45	1173.21	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Civic Center	186	EXT DOOR	N	Halls	1X4 Strip	1	ES Magnetic - F40T12S	12	34	0.408	1063.71	34	0.41	1063.71	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
Civic Center	187	EXT DOOR	N	Halls	Incandescent	1	Incandescent	2	150	0.3	782.14	150	0.30	782.14	Replace recessed can with LED LR6 Unit
Civic Center	188	STAGE	Y	Multipurpose	2X4 Rec. Acrylic	3	ES Magnetic - F40T12S	12	103	1.236	3222.43	103	1.24	3222.43	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Civic Center	189	STAGE	Y	Multipurpose	Quartz Flood	1	None - Q250Quartz	8	250	2	5214.29	250	2.00	5214.29	Exclude existing Incandescent / Quartz dimming fixture
Civic Center	190	CLOSETS	Y	Storage	Compact Fluorecent	1	CFL Ballast - CFL	4	26	0.104	271.14	26	0.10	271.14	Exclude existing Compact Fluorescent fixtures
Civic Center	191	HALL	Y	Halls	HID Metal Halide	1	HID Magnetic - HID	6	65	0.39	1016.79	65	0.39	1016.79	Exclude existing HID fixture
Civic Center	192	HALL	Y	Halls	Compact Fluorecent	1	CFL Ballast - CFL	4	26	0.104	271.14	26	0.10	271.14	Exclude existing Compact Fluorescent fixtures
Civic Center	193	OFFICE	Y	Admin / Office	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	1439.14	138	0.55	1439.14	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Civic Center	194	STORAGE	Y	Storage	1X4 Wrap	1	ES Magnetic - F40T12S	2	34	0.068	177.29	34	0.07	177.29	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
Civic Center	195	REAR STORG	Y	Storage	1X4 Wrap	1	ES Magnetic - F40T12S	10	34	0.34	886.43	34	0.34	886.43	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
Civic Center	196	HALL	Y	Halls	Incandescent	1	Incandescent	9	150	1.35	3519.64	150	1.35	3519.64	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Civic Center	197	VENDING	Y	Multipurpose	1X4 Strip	2	ES Magnetic - F40T12S	5	69	0.345	899.46	69	0.35	899.46	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Civic Center	198	MEN RR	Y	Restrooms	1X3 Vanity	2	ES Magnetic - F30T12	2	63	0.126	328.50	63	0.13	328.50	Retrofit 1x3 fixture with (2) F25T8 lamps and Elec. Ballast
Civic Center	199	MEN RR	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	4	69	0.276	719.57	69	0.28	719.57	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Civic Center	200	MEN RR	Y	Restrooms	1X3 Strip	1	ES Magnetic - F30T12	1	34	0.034	88.64	34	0.03	88.64	Retrofit 1x3 fixture with (2) F25T8 lamps and Elec. Ballast
Civic Center	201	MEN RR	Y	Restrooms	1X4 Strip	1	ES Magnetic - F40T12S	1	34	0.034	88.64	34	0.03	88.64	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
Civic Center	202	CLOSET	Y	Storage	1X4 Strip	1	ES Magnetic - F40T12S	1	34	0.034	88.64	34	0.03	88.64	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
Civic Center	203	WOMEN RR	Y	Restrooms	1X3 Strip	1	ES Magnetic - F30T12	1	34	0.034	88.64	34	0.03	88.64	Retrofit 1x3 fixture with (2) F25T8 lamps and Elec. Ballast

Civic Center	204	WOMEN RR	Y	Restrooms	1X4 Strip	1	ES Magnetic - F40T12S	1	34	0.034	88.64	34	0.03	88.64	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
Civic Center	205	WOMEN RR	Y	Restrooms	1X3 Vanity	2	ES Magnetic - F30T12	1	63	0.063	164.25	63	0.06	164.25	Retrofit 1x3 fixture with (2) F25T8 lamps and Elec. Ballast
Civic Center	206	WOMEN RR	Y	Restrooms	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	6	69	0.414	1079.36	69	0.41	1079.36	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Civic Center	207	FOYER	Y	Halls	1X4 Strip	1	ES Magnetic - F40T12S	12	34	0.408	1063.71	34	0.41	1063.71	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
Civic Center	208	HALL	Y	Halls	HID Metal Halide	1	HID Magnetic - HID	3	65	0.195	508.39	65	0.20	508.39	Exclude existing HID fixture
Civic Center	209	PAV. DOORS	Y	Halls	Compact Fluorecent	1	CFL Ballast - CFL	2	26	0.052	135.57	26	0.05	135.57	Exclude existing Compact Fluorescent fixtures
Civic Center	210	DOOR	Y	Halls	Incandescent	1	Incandescent	2	150	0.3	782.14	150	0.30	782.14	Replace recessed can with LED LR6 Unit
Civic Center	211	FOYER	Y	Halls	1X4 Strip	1	ES Magnetic - F40T12S	12	34	0.408	1063.71	34	0.41	1063.71	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
Civic Center	212	MAIN AREA	Y	Multipurpose	2X4 Rec. Acrylic	3	ES Magnetic - F40T12S	12	103	1.236	3222.43	103	1.24	3222.43	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Civic Center	213	MAIN AREA	Y	Multipurpose	Quartz Flood	1	None - Q250Quartz	8	250	2	5214.29	250	2.00	5214.29	Exclude existing Incandescent / Quartz dimming fixture
Civic Center	214	ARCH	N	Multipurpose	Quartz Flood	1	None - Q250Quartz	4	250	1	2607.14	250	1.00	2607.14	Exclude existing Incandescent / Quartz dimming fixture
Civic Center	215	STAGE	Y	Multipurpose	Incandescent	1	Incandescent	6	150	0.9	2346.43	150	0.90	2346.43	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Civic Center	216	PATIO	N	Exterior	Incandescent	1	Incandescent	6	150	0.9	3942.00	150	0.90	3942.00	Replace recessed can with LED LR6 Unit
Civic Center	217	EXTERIOR	N	Exterior	HID Metal Halide	1	HID Magnetic - HID	6	288	1.728	7568.64	288	1.73	7568.64	Replace HID fixture with 150w Metal Halide Pulse Start Wall Pack
Civic Center	218	EXTERIOR	N	Exterior	HID Metal Halide	1	HID Magnetic - HID	4	288	1.152	5045.76	288	1.15	5045.76	Replace HID fixture with 150w Metal Halide Pulse Start Wall Pack
Civic Center	219	EXTERIOR	N	Exterior	HID Metal Halide	1	HID Magnetic - HID	2	288	0.576	2522.88	288	0.58	2522.88	Exclude existing HID fixture

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Library	220	OFFICE 1	Y	Admin / Office	2X4 Rec. Parabolic	2	ES Magnetic - F40T12S	2	69	0.138	575.66	69	0.14	575.66	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	221	OPEN 2	Y	Open Areas	2X4 Rec. Parabolic	2	ES Magnetic - F40T12S	4	69	0.276	1151.31	69	0.28	1151.31	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	222	OPEN 2	Y	Open Areas	1X8 Surf. MiniCube 4'	4	ES Magnetic - F40T12S	1	144	0.144	600.69	144	0.14	600.69	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
Library	223	COUNTER	Y	Open Areas	1X8 Strip 4'	2	ES Magnetic - F40T12S	10	74	0.74	3086.86	74	0.74	3086.86	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	224	WP HISTORY	Y	Open Areas	2X4 Rec. Parabolic	3	ES Magnetic - F40T12S	16	103	1.648	6874.51	103	1.65	6874.51	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	225	OFFICE 2	Y	Admin / Office	2X4 Rec. Parabolic	3	ES Magnetic - F40T12S	2	103	0.206	859.31	103	0.21	859.31	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	226	OFFICE 3	Y	Admin / Office	2X4 Rec. Parabolic	3	ES Magnetic - F40T12S	4	103	0.412	1718.63	103	0.41	1718.63	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	227	OPEN	Y	Open Areas	2X4 T8	3	Electronic - F32T8	20	82	1.64	6841.14	82	1.64	6841.14	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	228	OPEN	Y	Open Areas	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	3	69	0.207	863.49	69	0.21	863.49	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Library	229	RACKS	Y	Open Areas	1X4 Rec. Parabolic	2	ES Magnetic - F40T12S	60	69	4.14	17269.72	69	4.14	17269.72	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	230	OPEN	Y	Open Areas	2X4 T8	3	Electronic - F32T8	13	82	1.066	4446.74	82	1.07	4446.74	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	231	OPEN	Y	24/7	Exit Inc. Double Face	2	Incandescent	2	40	0.08	700.80	40	0.08	700.80	Replace fixture with NEW LED Exit Sign - Battery Back Up
Library	232	MICRO FSHE	Y	Open Areas	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	575.66	69	0.14	575.66	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	233	STAFF RM	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	8	69	0.552	2302.63	69	0.55	2302.63	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	234	STAIR 1	Y	Halls	1X4 Strip	2	ES Magnetic - F40T12S	10	69	0.69	2878.29	69	0.69	2878.29	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	235	STAIR 2	Y	Halls	1X4 Strip	2	ES Magnetic - F40T12S	4	69	0.276	1151.31	69	0.28	1151.31	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	236	STAIR 2	Y	Halls	2X2 Rec. Parabolic	2	ES Magnetic - F40T12US	4	74	0.296	1234.74	74	0.30	1234.74	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Library	237	BK STORE	Y	Storage	1X4 Rec. Parabolic	2	ES Magnetic - F40T12S	20	69	1.38	5756.57	69	1.38	5756.57	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	238	BK STORE	Y	24/7	Exit Inc. Double Face	2	Incandescent	1	40	0.04	350.40	40	0.04	350.40	Replace fixture with NEW LED Exit Sign - Battery Back Up
Library	239	BACK RM	Y	Storage	1X4 Rec. Parabolic	2	ES Magnetic - F40T12S	6	69	0.414	1726.97	69	0.41	1726.97	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	240	BACK RM	Y	Storage	Incandescent	1	Incandescent	3	60	0.18	750.86	60	0.18	750.86	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Library	241	BK STORAGE	Y	Storage	2X4 Rec. Parabolic	2	ES Magnetic - F40T12S	3	69	0.207	863.49	69	0.21	863.49	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	242	OPEN WALL	Y	Open Areas	1X4 Strip	2	ES Magnetic - F40T12S	12	69	0.828	3453.94	69	0.83	3453.94	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	243	OPEN WALL	Y	Open Areas	1X4 Strip	2	ES Magnetic - F40T12S	7	69	0.483	2014.80	69	0.48	2014.80	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	244	HALLWAY	Y	Halls	2X2 Rec. Parabolic	2	ES Magnetic - F40T12US	1	74	0.074	308.69	74	0.07	308.69	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Library	245	ATRIUM	Y	Halls	Incandescent	1	Incandescent	6	150	0.9	3754.29	150	0.90	3754.29	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Library	246	MECH	N	Elec / Mech	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	71.96	69	0.07	71.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast

Library	247	FOYER	Y	Halls	1X4 Strip	2	ES Magnetic - F40T12S	4	69	0.276	1151.31	69	0.28	1151.31	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	248	W RR	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	3	69	0.207	863.49	69	0.21	863.49	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	249	W RR	Y	Restrooms	1X2 Wrap	2	ES Magnetic - F20T12	1	42	0.042	175.20	42	0.04	175.20	Retrofit 1x2 fixture with (2) F17T8 lamps and Elec. Ballast
Library	250	M RR	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	3	69	0.207	863.49	69	0.21	863.49	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	251	M RR	Y	Restrooms	1X2 Wrap	2	ES Magnetic - F20T12	1	42	0.042	175.20	42	0.04	175.20	Retrofit 1x2 fixture with (2) F17T8 lamps and Elec. Ballast
Library	252	HALL	Y	Halls	Incandescent	1	Incandescent	2	60	0.12	500.57	60	0.12	500.57	Replace recessed can with LED LR6 Unit
Library	253	COMM. RM	Y	24/7	Exit Inc. Double Face	2	Incandescent	2	40	0.08	700.80	40	0.08	700.80	Replace fixture with NEW LED Exit Sign - Battery Back Up
Library	254	DOOR	Y	Halls	1X4 T8	2	Electronic - F32T8	2	59	0.118	492.23	59	0.12	492.23	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	255	OPEN RM	Y	Open Areas	2X4 T8	3	Electronic - F32T8	16	82	1.312	5472.91	82	1.31	5472.91	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	256	STORAGE	Y	Storage	1X4 T8	2	Electronic - F32T8	2	59	0.118	492.23	59	0.12	492.23	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	257	STAGE	Y	Multipurpose	Incandescent	1	Incandescent	4	150	0.6	2502.86	150	0.60	2502.86	Replace recessed can with LED LR6 Unit
Library	258	STAGE	Y	Multipurpose	Incandescent	1	Incandescent	4	150	0.6	2502.86	150	0.60	2502.86	Exclude existing Dimming Incandescent fixture
Library	259	STORAGE	Y	Storage	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	287.83	69	0.07	287.83	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	260	OPEN	Y	Open Areas	INCANDESCENT	1	Incandescent	20	30	0.6	2502.86	30	0.60	2502.86	Relamp Incandescent fixture with LED MR 4w lamp
Library	261	OPEN	Y	Open Areas	Incandescent	1	Incandescent	9	150	1.35	5631.43	150	1.35	5631.43	Replace recessed can with LED LR6 Unit
Library	262	STORAGE	Y	Storage	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	287.83	69	0.07	287.83	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	263	DOOR	Y	24/7	Exit Inc. Double Face	2	Incandescent	3	40	0.12	1051.20	40	0.12	1051.20	Replace fixture with NEW LED Exit Sign - Battery Back Up
Library	264	CANOPY	N	Exterior	HID Metal Halide	1	HID Magnetic - HID	3	205	0.615	2693.70	205	0.62	2693.70	Exclude existing HID fixture
Library	265	ELEVATOR	N	Halls	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	575.66	69	0.14	575.66	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	266	AUD.VIS.	Y	Admin / Office	2X4 T8	4	Electronic Ballast - F32T8	6	112	0.672	2803.20	112	0.67	2803.20	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Library	267	OPEN	Y	Open Areas	2X4 Rec. Parabolic	2	ES Magnetic - F40T12S	8	69	0.552	2302.63	69	0.55	2302.63	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	268	OPEN	Y	Open Areas	2X2 Rec. Parabolic	2	ES Magnetic - F40T12US	10	74	0.74	3086.86	74	0.74	3086.86	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Library	269	HALL	Y	Halls	1X4 Rec. Parabolic	2	ES Magnetic - F40T12S	1	69	0.069	287.83	69	0.07	287.83	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	270	M/W RR	Y	Restrooms	Incandescent	1	Incandescent	2	150	0.3	1251.43	150	0.30	1251.43	Replace fixture with 1x2 Vanity, (2) F17T8 lamps and Elec. Ballast
Library	271	STF.LOUNGE	Y	Multipurpose	1X4 Rec. Parabolic	2	ES Magnetic - F40T12S	6	69	0.414	1726.97	69	0.41	1726.97	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	272	CONF. RM	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	6	82	0.492	2052.34	82	0.49	2052.34	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Library	273	TRAINING RM	Y	Multipurpose	1X4 Rec. Parabolic	2	ES Magnetic - F40T12S	6	69	0.414	1726.97	69	0.41	1726.97	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	274	OPEN	Y	Open Areas	1X4 Rec. Parabolic	2	ES Magnetic - F40T12S	76	69	5.244	21874.97	69	5.24	21874.97	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	275	ATRIUM	Y	Open Areas	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	12	69	0.828	3453.94	69	0.83	3453.94	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast

Library	276	SKYLIGHT	Y	Open Areas	1X4 Strip	2	ES Magnetic - F40T12S	14	69	0.966	4029.60	69	0.97	4029.60	Retrofit fixture with LED LumaStick Unit
Library	277	ATRIUM	Y	24/7	Exit Inc. Double Face	2	Incandescent	2	40	0.08	700.80	40	0.08	700.80	Replace fixture with NEW LED Exit Sign - Battery Back Up
Library	278	ATRIUMWALL	Y	Open Areas	Incandescent	1	Incandescent	83	60	4.98	20773.72	60	4.98	20773.72	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Library	279	YUTH.SRV.O	Y	Open Areas	1X4 Rec. Parabolic	2	ES Magnetic - F40T12S	52	69	3.588	14967.09	69	3.59	14967.09	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	280	YUTH.SRV.O	Y	24/7	Exit Inc. Double Face	2	Incandescent	2	40	0.08	700.80	40	0.08	700.80	Replace fixture with NEW LED Exit Sign - Battery Back Up
Library	281	CHLD.STORY	Y	Open Areas	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	12	69	0.828	3453.94	69	0.83	3453.94	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	282	ATRIUMWALL	Y	Open Areas	Incandescent	1	Incandescent	5	60	0.3	1251.43	60	0.30	1251.43	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Library	283	OPEN	Y	Open Areas	1X4 Rec. Parabolic	2	ES Magnetic - F40T12S	7	69	0.483	2014.80	69	0.48	2014.80	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	284	OPEN SIDE	Y	Open Areas	1X4 Rec. Parabolic	2	ES Magnetic - F40T12S	30	69	2.07	8634.86	69	2.07	8634.86	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	285	OFFICE	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	3	69	0.207	863.49	69	0.21	863.49	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	286	STORAGE	Y	Storage	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	1151.31	69	0.28	1151.31	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	287	CLOSET	Y	Storage	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	575.66	69	0.14	575.66	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	288	HALL	Y	Halls	2X2 Rec. Parabolic	2	ES Magnetic - F40T12US	7	74	0.518	2160.80	74	0.52	2160.80	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Library	289	CLOSET	Y	Storage	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	287.83	69	0.07	287.83	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	290	MECH	N	Elec / Mech	1X4 Strip	2	ES Magnetic - F40T12S	3	69	0.207	215.87	69	0.21	215.87	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	291	W RR	Y	Restrooms	Incandescent	1	Incandescent	1	60	0.06	250.29	60	0.06	250.29	Replace recessed can with LED LR6 Unit
Library	292	W RR	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	287.83	69	0.07	287.83	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	293	M RR	Y	Restrooms	Incandescent	1	Incandescent	1	60	0.06	250.29	60	0.06	250.29	Replace recessed can with LED LR6 Unit
Library	294	M RR	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	287.83	69	0.07	287.83	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	295	OFFICE	Y	Admin / Office	1X4 Rec. Parabolic	2	ES Magnetic - F40T12S	3	69	0.207	863.49	69	0.21	863.49	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	296	TECH.SERV.	Y	Admin / Office	2X4 Rec. Parabolic	3	ES Magnetic - F40T12S	3	103	0.309	1288.97	103	0.31	1288.97	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	297	HALL	Y	Halls	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	1	69	0.069	287.83	69	0.07	287.83	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	298	OPEN	Y	Open Areas	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	14	69	0.966	4029.60	69	0.97	4029.60	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	299	COMM.OFF.	Y	Admin / Office	2X4 Rec. Parabolic	3	ES Magnetic - F40T12S	3	103	0.309	1288.97	103	0.31	1288.97	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	300	MEN RR	Y	Restrooms	1X4 Rec. Parabolic	2	ES Magnetic - F40T12S	3	69	0.207	863.49	69	0.21	863.49	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	301	MEN RR	Y	Restrooms	2X4 Rec. Parabolic	2	ES Magnetic - F40T12S	1	69	0.069	287.83	69	0.07	287.83	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	302	MEN RR	Y	Restrooms	2X2 Rec. Parabolic	2	ES Magnetic - F40T12US	1	74	0.074	308.69	74	0.07	308.69	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Library	303	WOMENS RR	Y	Restrooms	1X4 Strip	2	ES Magnetic - F40T12S	3	69	0.207	863.49	69	0.21	863.49	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	304	WOMENS RR	Y	Restrooms	2X4 Rec. Parabolic	2	ES Magnetic - F40T12S	1	69	0.069	287.83	69	0.07	287.83	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast

Library	305	WOMENS RR	Y	Restrooms	2X2 Rec. Parabolic	2	ES Magnetic - F40T12US	1	74	0.074	308.69	74	0.07	308.69	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Library	306	MECA. RM	Y	Open Areas	Compact Fluorecent	2	CFL Ballast - CFL	14	36	0.504	2102.40	36	0.50	2102.40	Exclude existing Compact Fluorescent fixture
Library	307	MECA. RM	Y	Open Areas	2X2 Rec. Parabolic	2	ES Magnetic - F40T12US	9	74	0.666	2778.17	74	0.67	2778.17	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Library	308	MECA. RM	Y	Open Areas	Compact Fluorecent	2	CFL Ballast - CFL	1	36	0.036	150.17	36	0.04	150.17	Exclude existing Compact Fluorescent fixture
Library	309	OPEN	Y	Open Areas	2X4 Rec. Parabolic	3	ES Magnetic - F40T12S	6	103	0.618	2577.94	103	0.62	2577.94	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	310	OPEN	Y	Open Areas	Compact Fluorecent	2	CFL Ballast - CFL	16	36	0.576	2402.74	36	0.58	2402.74	Exclude existing Compact Fluorescent fixture
Library	311	OPEN	Y	Open Areas	2X2 Rec. Parabolic	2	ES Magnetic - F40T12US	112	74	8.288	34572.80	74	8.29	34572.80	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Library	312	SIDE RM	Y	Open Areas	2X4 Rec. Parabolic	3	ES Magnetic - F40T12S	4	103	0.412	1718.63	103	0.41	1718.63	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	313	IT RM	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	6	69	0.414	1726.97	69	0.41	1726.97	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	314	OFFICE	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	1151.31	69	0.28	1151.31	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	315	OFFICE	Y	Admin / Office	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	575.66	69	0.14	575.66	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	316	CLOSET	Y	Storage	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	575.66	69	0.14	575.66	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	317	COMM.RE	Y	Admin / Office	2X4 Rec. Parabolic	3	ES Magnetic - F40T12S	4	103	0.412	1718.63	103	0.41	1718.63	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	318	INST	Y	Admin / Office	2X2 Rec. Parabolic	2	ES Magnetic - F40T12US	6	74	0.444	1852.11	74	0.44	1852.11	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Library	319	INST	Y	Admin / Office	Compact Fluorecent	2	CFL Ballast - CFL	10	36	0.36	1501.71	36	0.36	1501.71	Exclude existing Compact Fluorescent fixture
Library	320	INST	Y	Admin / Office	Incandescent	1	Incandescent	3	100	0.3	1251.43	100	0.30	1251.43	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Library	321	SIDE FOYER	Y	Halls	2X4 Rec. Parabolic	3	ES Magnetic - F40T12S	6	103	0.618	2577.94	103	0.62	2577.94	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Library	322	SIDE FOYER	Y	Halls	Compact Fluorecent	2	CFL Ballast - CFL	18	36	0.648	2703.09	36	0.65	2703.09	Exclude existing Compact Fluorescent fixture
Library	323	MAINT. RM	Y	Admin / Office	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	287.83	69	0.07	287.83	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	324	SUPPLY RM	Y	Storage	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	287.83	69	0.07	287.83	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Library	325	ADMIN. OFF.	Y	Admin / Office	2X4 Rec. Parabolic	3	ES Magnetic - F40T12S	8	103	0.824	3437.26	103	0.82	3437.26	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	326	ADMIN.OFF 1	Y	Admin / Office	2X4 Rec. Parabolic	3	ES Magnetic - F40T12S	2	103	0.206	859.31	103	0.21	859.31	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	327	ADMIN.OFF 2	Y	Admin / Office	2X4 Rec. Parabolic	3	ES Magnetic - F40T12S	2	103	0.206	859.31	103	0.21	859.31	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	328	ADMIN.OFF 3	Y	Admin / Office	2X4 Rec. Parabolic	3	ES Magnetic - F40T12S	2	103	0.206	859.31	103	0.21	859.31	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Library	328.1	Exterior	Y	Exterior - Deco Pole	HID	1	0	14	205	2.87	12570.60	205	2.87	12570.60	Exclude existing HID
Library	328.2	Exterior	Y	Exterior	HID	1	0	2	205	0.41	1795.80	205	0.41	1795.80	Exclude existing HID
Library	328.3	Exterior	Y	Exterior	Incandescent	0	0	12	150	1.8	7884.00	150	1.80	7884.00	Relamp Incandescent fixture with 23w R30 compact Fluorescent

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Azalea Lane Rec Center	631	FOYER	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	6	138	0.828	3626.64	138	0.83	3626.64	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Azalea Lane Rec Center	632	OFFICE 1	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1208.88	138	0.28	1208.88	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Azalea Lane Rec Center	633	OFFICE 2	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1208.88	138	0.28	1208.88	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Azalea Lane Rec Center	634	COMM.RM	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	10	138	1.38	6044.40	138	1.38	6044.40	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Azalea Lane Rec Center	635	STORAGE	Y	Facility Use Matrix	1X4 Wrap	4	ES Magnetic - F40T12S	4	138	0.552	2417.76	138	0.55	2417.76	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Azalea Lane Rec Center	636	FACP - RM	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	60	0.06	262.80	60	0.06	262.80	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Azalea Lane Rec Center	637	RR HALL	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	3	138	0.414	1813.32	138	0.41	1813.32	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Azalea Lane Rec Center	638	WOMEN RR	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	4	59	0.236	1033.68	59	0.24	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Azalea Lane Rec Center	639	MEN RR	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	4	59	0.236	1033.68	59	0.24	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Azalea Lane Rec Center	640	SUPPLY	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	302.22	69	0.07	302.22	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Azalea Lane Rec Center	641	COMM.RM	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	15	138	2.07	9066.60	138	2.07	9066.60	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Azalea Lane Rec Center	642	STORAGE	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	302.22	69	0.07	302.22	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Azalea Lane Rec Center	643	Exterior	Y	Exterior	Incandescent	1	Incandescent	8	150	1.2	5256.00	150	1.20	5256.00	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Azalea Lane Rec Center	644	CANOPY	Y	Facility Use Matrix	Incandescent	1	Incandescent	4	60	0.24	1051.20	60	0.24	1051.20	Replace fixture with 13w Drum fixture
Azalea Lane Rec Center	645	CANOPY	Y	Facility Use Matrix	Incandescent	1	Incandescent	9	60	0.54	2365.20	60	0.54	2365.20	Replace fixture with 13w Drum fixture
Azalea Lane Tennis Tower	646	FACP	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	654.81	69	0.14	654.81	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Azalea Lane Tennis Tower	647	MEN RR	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	654.81	69	0.14	654.81	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Azalea Lane Tennis Tower	648	MEN RR	Y	Facility Use Matrix	1X4 Wrap	4	ES Magnetic - F40T12S	2	138	0.276	1309.62	138	0.28	1309.62	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Azalea Lane Tennis Tower	649	MEN RR	Y	Facility Use Matrix	Compact Fluorecent	1	CFL Ballast - CFL	2	14	0.028	132.86	14	0.03	132.86	Exclude existing Compact Fluorescent fixture
Azalea Lane Tennis Tower	650	WOMEN RR	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	654.81	69	0.14	654.81	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Azalea Lane Tennis Tower	651	WOMEN RR	Y	Facility Use Matrix	1X4 Wrap	4	ES Magnetic - F40T12S	2	138	0.276	1309.62	138	0.28	1309.62	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Azalea Lane Tennis Tower	652	WOMEN RR	Y	Facility Use Matrix	Compact Fluorecent	1	CFL Ballast - CFL	2	14	0.028	132.86	14	0.03	132.86	Exclude existing Compact Fluorescent fixture
Azalea Lane Tennis Tower	653	CANOPY	Y	Facility Use Matrix	Compact Fluorecent	1	CFL Ballast - CFL	12	14	0.168	735.84	14	0.17	735.84	Exclude existing Compact Fluorescent fixture
Azalea Lane Tennis Tower	654	2ND FLOOR	Y	Facility Use Matrix	1X4 Wrap	4	ES Magnetic - F40T12S	4	138	0.552	2619.24	138	0.55	2619.24	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Azalea Lane Tennis Tower	655	2ND FLOOR	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	8	69	0.552	2619.24	69	0.55	2619.24	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Azalea Lane Tennis Tower	656	CANOPY	Y	Facility Use Matrix	Compact Fluorecent	1	CFL Ballast - CFL	12	14	0.168	735.84	14	0.17	735.84	Exclude existing Compact Fluorescent fixture
Golf Course	657	MAINT.SHED	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	7	140	0.98	3919.37	140	0.98	3919.37	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Golf Course	658	MAINT.SHED	Y	Facility Use Matrix	1X4 Industrial	2	ES Magnetic - F40T12S	1	69	0.069	275.96	69	0.07	275.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Golf Course	659	MAINT.SHED	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	100	0.1	399.94	100	0.10	399.94	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Golf Course	660	GARAGE	Y	Facility Use Matrix	1X8 T8 4'	4	Electronic - F32T8	16	112	1.792	7166.85	112	1.79	7166.85	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
Golf Course	661	GARAGE	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	235.96	59	0.06	235.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Golf Course	662	OFFICE	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	2	82	0.164	655.89	82	0.16	655.89	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Golf Course	663	BREAK RM	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	2	82	0.164	655.89	82	0.16	655.89	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Golf Course	664	RR STAFF	Y	Facility Use Matrix	1X4 Surf. Mini	2	ES Magnetic - F40T12S	1	69	0.069	275.96	69	0.07	275.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Golf Course	665	RR PUBLIC	Y	Facility Use Matrix	1X4 Surf. Mini	2	ES Magnetic - F40T12S	1	69	0.069	275.96	69	0.07	275.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Golf Course	666	CEMT.OFC	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	2	82	0.164	655.89	82	0.16	655.89	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Golf Course	667	CEMT.FOYER	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	2	82	0.164	655.89	82	0.16	655.89	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Golf Course	668	CEMT. RR	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	235.96	59	0.06	235.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Golf Course	669	CEMT.EXT.	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	60	0.12	525.60	60	0.12	525.60	Replace recessed can with LED LR6 Unit
Golf Course	670	ENTRY	Y	Facility Use Matrix	Incandescent	1	Incandescent	5	75	0.375	1499.76	75	0.38	1499.76	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Golf Course	671	ENTRY	Y	Facility Use Matrix	Incandescent	1	Incandescent	3	75	0.225	899.86	75	0.23	899.86	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Golf Course	672	MEN RR	Y	Facility Use Matrix	Incandescent	2	Incandescent	2	120	0.24	959.85	120	0.24	959.85	Replace fixture with 2x13 Drum fixture
Golf Course	673	WOMEN RR	Y	Facility Use Matrix	Incandescent	2	Incandescent	2	120	0.24	959.85	120	0.24	959.85	Replace fixture with 2x13 Drum fixture
Golf Course	674	OPEN	Y	Facility Use Matrix	Incandescent	1	Incandescent	20	25	0.5	1999.68	25	0.50	1999.68	Relamp Incandescent fixture with LED deco lamp
Golf Course	675	FIREPLACE	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	75	0.15	599.90	75	0.15	599.90	Replace recessed can with LED LR6 Unit
Golf Course	676	KITCHEN	Y	Facility Use Matrix	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	1103.82	69	0.28	1103.82	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Golf Course	677	OFFICE	Y	Facility Use Matrix	Incandescent	1	Incandescent	3	60	0.18	719.88	60	0.18	719.88	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Golf Course	678	OFFICE	Y	Facility Use Matrix	Incandescent	2	Incandescent	2	120	0.24	959.85	120	0.24	959.85	Replace fixture with 2x13 Drum fixture
Golf Course	679	HALL	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	60	0.12	479.92	60	0.12	479.92	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Golf Course	680	HALL	Y	Facility Use Matrix	Incandescent	2	Incandescent	1	120	0.12	479.92	120	0.12	479.92	Replace fixture with 2x13 Drum fixture
Golf Course	681	RR	Y	Facility Use Matrix	Incandescent	2	Incandescent	2	120	0.24	959.85	120	0.24	959.85	Replace fixture with 2x13 Drum fixture
Golf Course	682	RR	Y	Facility Use Matrix	Incandescent	1	Incandescent	9	60	0.54	2159.65	60	0.54	2159.65	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Golf Course	683	RR	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	75	0.15	599.90	75	0.15	599.90	Replace recessed can with LED LR6 Unit
Golf Course	684	RR	Y	Facility Use Matrix	Incandescent	1	Incandescent	24	25	0.6	2399.61	25	0.60	2399.61	Relamp Incandescent fixture with LED deco lamp
Golf Course	685	CLOSET	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	60	0.12	479.92	60	0.12	479.92	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Golf Course	686	SIDE DOOR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	200	0.2	799.87	200	0.20	799.87	Replace fixture with 32w CFL Flood
Golf Course	687	Exterior	Y	Exterior	Incandescent	1	Incandescent	8	150	1.2	5256.00	150	1.20	5256.00	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Golf Course	688	Exterior	Y	Exterior	Incandescent	1	Incandescent	1	100	0.1	438.00	100	0.10	438.00	Replace fixture with 32w CFL Flood
Golf Course	689	MAIN	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	7	138	0.966	3863.38	138	0.97	3863.38	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Golf Course	690	STORAGE	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	5	140	0.7	2799.55	140	0.70	2799.55	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Golf Course	691	PUMP RM	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	100	0.1	399.94	100	0.10	399.94	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Public Works	692	COUNTER	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	6	138	0.828	3311.47	138	0.83	3311.47	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Public Works	693	PW OFFICE	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1103.82	138	0.28	1103.82	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	694	CONF. RM	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	6	138	0.828	3311.47	138	0.83	3311.47	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Works	695	HALL	Y	Facility Use Matrix	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	4	69	0.276	1103.82	69	0.28	1103.82	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Works	696	DIRECTOR	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	2207.65	138	0.55	2207.65	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	697	ASST.DIR.	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1103.82	138	0.28	1103.82	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	698	ITS	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	275.96	69	0.07	275.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Works	699	WW OFFICE	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	2207.65	138	0.55	2207.65	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	700	HALL	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	2207.65	138	0.55	2207.65	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Works	701	PW 2	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1103.82	138	0.28	1103.82	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	702	PW DIRECTR	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	2207.65	138	0.55	2207.65	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	703	PW 3	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1103.82	138	0.28	1103.82	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	704	MECH	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	275.96	69	0.07	275.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Works	705	AST.PW.DIR	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1103.82	138	0.28	1103.82	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	706	AST.PW.ENG	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1103.82	138	0.28	1103.82	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	707	UTILITY DIR.	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	2207.65	138	0.55	2207.65	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	708	HALL	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	2207.65	138	0.55	2207.65	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Works	709	FOYER	Y	Facility Use Matrix	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	1	69	0.069	275.96	69	0.07	275.96	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Works	710	KITCHEN	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	1	138	0.138	551.91	138	0.14	551.91	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Works	711	TRAINING.RM	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	6	138	0.828	3311.47	138	0.83	3311.47	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	712	HALL	Y	Facility Use Matrix	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	2	69	0.138	551.91	69	0.14	551.91	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Works	713	HALL	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1103.82	138	0.28	1103.82	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Works	714	MEN RR	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	3	138	0.414	1655.73	138	0.41	1655.73	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Works	715	WOMEN RR	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1103.82	138	0.28	1103.82	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Works	716	STORAGE	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1103.82	138	0.28	1103.82	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Works	717	WW 2	Y	Facility Use Matrix	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	4	69	0.276	1103.82	69	0.28	1103.82	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Works	718	OPEN AREA	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	25	138	3.45	13797.78	138	3.45	13797.78	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	719	OPEN AREA	Y	Facility Use Matrix	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	5	69	0.345	1379.78	69	0.35	1379.78	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Works	720	PW 4	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	2207.65	138	0.55	2207.65	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	721	COMM.DIR.	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1103.82	138	0.28	1103.82	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	722	DESIGN.COR.	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	2207.65	138	0.55	2207.65	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Works	723	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	5	135	0.675	2956.50	135	0.68	2956.50	Replace fixture with 32w CFL Flood

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Public Works	724	Exterior	Y	Exterior	Incandescent	1	Incandescent	3	100	0.3	1314.00	100	0.30	1314.00	Replace fixture with 32w CFL Flood
Welcome Center	725	FOYER	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	2	30	0.06	239.96	30	0.06	239.96	Relamp Incandescent fixture with LED MR 4w lamp
Welcome Center	726	FOYER	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	2	30	0.06	239.96	30	0.06	239.96	Relamp Incandescent fixture with LED MR 4w lamp
Welcome Center	727	COVE	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	12	30	0.36	1439.77	30	0.36	1439.77	Relamp Incandescent fixture with LED MR 4w lamp
Welcome Center	728	COVE	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	18	30	0.54	2159.65	30	0.54	2159.65	Relamp Incandescent fixture with LED MR 4w lamp
Welcome Center	729	CENTER	Y	Facility Use Matrix	Incandescent	1	Incandescent	3	150	0.45	1799.71	150	0.45	1799.71	Exclude existing DECO Incandescent fixture
Welcome Center	730	HALL	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	1	30	0.03	119.98	30	0.03	119.98	Relamp Incandescent fixture with LED MR 4w lamp
Welcome Center	731	SIDE DOOR	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	7	30	0.21	839.87	30	0.21	839.87	Relamp Incandescent fixture with LED MR 4w lamp
Welcome Center	732	STAIRWELL	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	4	59	0.236	2067.36	59	0.24	2067.36	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Welcome Center	733	GALLERY	Y	Facility Use Matrix	Incandescent	1	Incandescent	22	75	1.65	6598.94	75	1.65	6598.94	Relamp Incandescent fixture with 16w R30 Compact Fluorescent
Welcome Center	734	GALLERY	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	7	30	0.21	839.87	30	0.21	839.87	Relamp Incandescent fixture with LED MR 4w lamp
Welcome Center	735	HALLWAY	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	3	82	0.246	983.84	82	0.25	983.84	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	736	HALLWAY	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	1	30	0.03	119.98	30	0.03	119.98	Relamp Incandescent fixture with LED MR 4w lamp
Welcome Center	737	MECH	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	471.92	59	0.12	471.92	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Welcome Center	738	ELEC	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	471.92	59	0.12	471.92	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Welcome Center	739	CONF. RM	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	20	30	0.6	2399.61	30	0.60	2399.61	Relamp Incandescent fixture with LED MR 4w lamp
Welcome Center	740	STORAGE	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	1	82	0.082	327.95	82	0.08	327.95	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Welcome Center	741	STORAGE	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	235.96	59	0.06	235.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Welcome Center	742	KITCHEN	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	2	82	0.164	655.89	82	0.16	655.89	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	743	JANITOR	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	235.96	59	0.06	235.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Welcome Center	744	MEN RR	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	3	82	0.246	983.84	82	0.25	983.84	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	745	WOMEN RR	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	3	82	0.246	983.84	82	0.25	983.84	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	746	OFFICE	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	4	82	0.328	1311.79	82	0.33	1311.79	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	747	ELEV.	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	235.96	59	0.06	235.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Welcome Center	748	OFFICE 1	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	2	82	0.164	655.89	82	0.16	655.89	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	749	OFFICE 2	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	3	82	0.246	983.84	82	0.25	983.84	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	750	DIRECTOR	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	6	30	0.18	719.88	30	0.18	719.88	Relamp Incandescent fixture with LED MR 4w lamp
Welcome Center	751	HALL	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	3	82	0.246	983.84	82	0.25	983.84	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	752	CONF. RM	Y	Facility Use Matrix	Incandescent	1	Incandescent	3	150	0.45	1799.71	150	0.45	1799.71	Exclude existing DECO Incandescent fixture
Welcome Center	753	COVE	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	8	30	0.24	959.85	30	0.24	959.85	Relamp Incandescent fixture with LED MR 4w lamp
Welcome Center	754	FOYER	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	9	30	0.27	1079.83	30	0.27	1079.83	Relamp Incandescent fixture with LED MR 4w lamp

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Welcome Center	755	RECEPT.	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	1	82	0.082	327.95	82	0.08	327.95	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	756	RECEPT.	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	4	30	0.12	479.92	30	0.12	479.92	Relamp Incandescent fixture with LED MR 4w lamp
Welcome Center	757	COPY RM	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	1	82	0.082	327.95	82	0.08	327.95	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	758	SUPPLY RM	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	2	82	0.164	655.89	82	0.16	655.89	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	759	KITCHEN	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	2	82	0.164	655.89	82	0.16	655.89	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	760	FOYER	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	1	30	0.03	119.98	30	0.03	119.98	Relamp Incandescent fixture with LED MR 4w lamp
Welcome Center	761	FINANCE	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	3	82	0.246	983.84	82	0.25	983.84	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	762	OFFICE	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	2	82	0.164	655.89	82	0.16	655.89	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	763	HALL	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	3	82	0.246	983.84	82	0.25	983.84	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	764	JANITOR	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	235.96	59	0.06	235.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Welcome Center	765	MEN RR	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	3	82	0.246	983.84	82	0.25	983.84	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	766	WOMEN RR	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	3	82	0.246	983.84	82	0.25	983.84	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	767	OFFICE	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	3	82	0.246	983.84	82	0.25	983.84	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	768	SALES	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	7	82	0.574	2295.63	82	0.57	2295.63	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	769	STORAGE	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	3	82	0.246	983.84	82	0.25	983.84	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	770	OPEN	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	8	82	0.656	2623.58	82	0.66	2623.58	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	771	OFFICE	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	2	82	0.164	655.89	82	0.16	655.89	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Welcome Center	772	STAIRWELL	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	3	59	0.177	707.89	59	0.18	707.89	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Welcome Center	773	ELEC. RM	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	235.96	59	0.06	235.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Welcome Center	774	Exterior	Y	Exterior	Incandescent	2	Incandescent	4	240	0.96	4204.80	240	0.96	4204.80	Exclude existing Decorative Incandescent fixture
Fire Station #62	775	BREAK RM	Y	Facility Use Matrix	1X4 T8	4	ES Magnetic - F32T8	8	100	0.8	7008.00	100	0.80	7008.00	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Fire Station #62	776	BREAK RM	Y	Facility Use Matrix	Incandescent	1	Incandescent	6	150	0.9	7884.00	150	0.90	7884.00	Replace recessed can with LED LR6 Unit
Fire Station #62	777	OFFICE	Y	Facility Use Matrix	1X4 T8	4	ES Magnetic - F32T8	2	100	0.2	1752.00	100	0.20	1752.00	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Fire Station #62	778	RR	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Fire Station #62	779	HALL	Y	Facility Use Matrix	Compact Fluorecent	1	CFL Ballast - CFL	5	18	0.09	788.40	18	0.09	788.40	Exclude existing Compact Fluorescent
Fire Station #62	780	BUNK 1-6	Y	Facility Use Matrix	1X4 T8	3	Electronic - F32T8	12	82	0.984	8619.84	82	0.98	8619.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Fire Station #62	781	BUNK 7	Y	Facility Use Matrix	1X4 T8	3	Electronic - F32T8	3	82	0.246	2154.96	82	0.25	2154.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Fire Station #62	782	BUNK 1-7	Y	Facility Use Matrix	Compact Fluorecent	2	CFL Ballast - CFL	4	34	0.136	1191.36	34	0.14	1191.36	Exclude existing Compact Fluorescent fixture
Fire Station #62	783	FRONT DOOR	Y	Facility Use Matrix	Compact Fluorecent	2	CFL Ballast - CFL	2	52	0.104	911.04	52	0.10	911.04	Exclude existing Compact Fluorescent fixture
Fire Station #62	784	DINING AREA	Y	Facility Use Matrix	1X4 T8	4	ES Magnetic - F32T8	8	100	0.8	7008.00	100	0.80	7008.00	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Fire Station #62	785	LOBBY	Y	Facility Use Matrix	1X4 T8	4	ES Magnetic - F32T8	2	100	0.2	1752.00	100	0.20	1752.00	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Fire Station #62	786	OPN.FR.BAY	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	8	59	0.472	4134.72	59	0.47	4134.72	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Fire Station #62	787	OPN.FR.BAY	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	68	59	4.012	35145.12	59	4.01	35145.12	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Fire Station #62	788	FITNESS RM	Y	Facility Use Matrix	1X4 T8	4	ES Magnetic - F32T8	7	100	0.7	6132.00	100	0.70	6132.00	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Fire Station #62	789	EMS.SUPPLY	Y	Facility Use Matrix	1X4 T8	4	ES Magnetic - F32T8	2	100	0.2	1752.00	100	0.20	1752.00	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Fire Station #62	790	MECH. RM	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Fire Station #62	791	UTILITY RM	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Fire Station #62	792	RR	Y	Facility Use Matrix	1X4 T8	4	ES Magnetic - F32T8	1	100	0.1	876.00	100	0.10	876.00	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Fire Station #62	793	ROOM	Y	Facility Use Matrix	1X4 T8	4	ES Magnetic - F32T8	3	100	0.3	2628.00	100	0.30	2628.00	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Fire Station #62	794	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	12	288	3.456	15137.28	288	3.46	15137.28	Replace HID fixture with 150w Metal Halide Pulse Start Wall Pack
Lake Island Area	795	WOMENS	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	516.84	59	0.12	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Lake Island Area	796	MENS	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	516.84	59	0.12	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Lake Island Area	797	STORAGE	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	3	59	0.177	775.26	59	0.18	775.26	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Lake Island Area	798	OPEN BAY	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	8	59	0.472	2067.36	59	0.47	2067.36	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Lake Island Area	799	OFFICE 1	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	4	59	0.236	1033.68	59	0.24	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Lake Island Area	800	OFFICE 2	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	4	59	0.236	1033.68	59	0.24	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Lake Island Area	801	RR	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	516.84	59	0.12	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Lake Island Area	802	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	5	205	1.025	4489.50	205	1.03	4489.50	Replace HID fixture with 150w Metal Halide Pulse Start Wall Pack
Lake Island Area	803	DUG OUT	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	4	95	0.38	1664.40	95	0.38	1664.40	Exclude existing HID fixture
Lake Island Area	804	RR	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	4	95	0.38	1664.40	95	0.38	1664.40	Exclude existing HID fixture
Lake Island Area	805	FIELD POLES	Y	Facility Use Matrix	HID Metal Halide	1	Incandescent	32	1700	54.4	34038.86	1700	54.40	34038.86	Exclude existing HID field lighting (MH1500)
Lake Island Area	806	FIELD POLES	Y	Facility Use Matrix	HID Metal Halide	1	Incandescent	12	1700	20.4	12764.57	1700	20.40	12764.57	Exclude existing HID field lighting (MH1500)
Lake Island Area	807	FIELD POLES	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	2	450	0.9	563.14	450	0.90	563.14	Exclude existing HID field lighting (MH400)
Lake Island Area	808	OPEN	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	12	138	1.656	7253.28	138	1.66	7253.28	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Lake Island Area	809	COVE	Y	Facility Use Matrix	1X4 Strip	1	ES Magnetic - F40T12S	12	34	0.408	1787.04	34	0.41	1787.04	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
Lake Island Area	810	SUPPLY	Y	Facility Use Matrix	1X4 Surf. Mini	2	ES Magnetic - F40T12S	2	69	0.138	604.44	69	0.14	604.44	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Lake Island Area	811	OFFICE	Y	Facility Use Matrix	Incandescent	2	Incandescent	1	120	0.12	525.60	120	0.12	525.60	Replace fixture with 2x13 Drum fixture
Lake Island Area	812	RR'S	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	604.44	69	0.14	604.44	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Lake Island Area	813	RR'S	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	60	0.12	525.60	60	0.12	525.60	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Lake Island Area	814	HALL	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	3	69	0.207	906.66	69	0.21	906.66	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Lake Island Area	815	CANOPY	Y	Facility Use Matrix	Incandescent	1	Incandescent	6	60	0.36	1576.80	60	0.36	1576.80	Replace fixture with 13w Drum fixture
Lake Island Area	816	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	8	288	2.304	10091.52	288	2.30	10091.52	Replace HID fixture with 150w Metal Halide Pulse Start Wall Pack

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Lake Island Area	817	POLE	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	6	1150	6.9	4317.43	1150	6.90	4317.43	Exclude existing HID field lighting (MH1000)
Heritage Center	818	CANOPY	Y	Facility Use Matrix	Incandescent	1	Incandescent	3	75	0.225	586.61	75	0.23	586.61	Replace recessed can with LED LR6 Unit
Heritage Center	819	GALLERY	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	50	30	1.5	3910.71	30	1.50	3910.71	Relamp Incandescent fixture with LED MR 4w lamp
Heritage Center	820	GALLERY	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	75	0.15	391.07	75	0.15	391.07	Replace recessed can with LED LR6 Unit
Heritage Center	821	CONF. RM	Y	Facility Use Matrix	Incandescent	1	Incandescent	12	75	0.9	2346.43	75	0.90	2346.43	Replace recessed can with LED LR6 Unit
Heritage Center	822	MEN RR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	75	0.075	195.54	75	0.08	195.54	Replace recessed can with LED LR6 Unit
Heritage Center	823	MEN RR	Y	Facility Use Matrix	Incandescent	3	Incandescent	3	180	0.54	1407.86	180	0.54	1407.86	Replace fixture with 1x2 Vanity, (2) F17T8 lamps and Elec. Ballast
Heritage Center	824	WOMEN RR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	75	0.075	195.54	75	0.08	195.54	Replace recessed can with LED LR6 Unit
Heritage Center	825	WOMEN RR	Y	Facility Use Matrix	Incandescent	3	Incandescent	3	180	0.54	1407.86	180	0.54	1407.86	Replace fixture with 1x2 Vanity, (2) F17T8 lamps and Elec. Ballast
Heritage Center	826	KITCHEN	Y	Facility Use Matrix	Incandescent	1	Incandescent	6	75	0.45	1173.21	75	0.45	1173.21	Replace recessed can with LED LR6 Unit
Heritage Center	827	JANITOR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	75	0.075	195.54	75	0.08	195.54	Replace recessed can with LED LR6 Unit
Heritage Center	828	EXIT DOOR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	75	0.075	195.54	75	0.08	195.54	Replace recessed can with LED LR6 Unit
Heritage Center	829	STAIRWELL	Y	Facility Use Matrix	Incandescent	1	Incandescent	12	25	0.3	782.14	25	0.30	782.14	Relamp Incandescent fixture with LED deco lamp
Heritage Center	830	2ND RR	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	75	0.15	391.07	75	0.15	391.07	Replace recessed can with LED LR6 Unit
Heritage Center	831	2ND RR	Y	Facility Use Matrix	Incandescent	2	Incandescent	1	120	0.12	312.86	120	0.12	312.86	Replace fixture with 2x13 Drum fixture
Heritage Center	832	HALL	Y	Facility Use Matrix	Incandescent	1	Incandescent	9	75	0.675	1759.82	75	0.68	1759.82	Replace recessed can with LED LR6 Unit
Heritage Center	833	OPEN	Y	Facility Use Matrix	Incandescent	1	Incandescent	15	25	0.375	977.68	25	0.38	977.68	Relamp Incandescent fixture with LED deco lamp
Heritage Center	834	PICTURES	Y	Facility Use Matrix	INCANDESCENT	1	Incandescent	24	30	0.72	1877.14	30	0.72	1877.14	Relamp Incandescent fixture with LED MR 4w lamp
Heritage Center	835	OFFICE 1	Y	Facility Use Matrix	Incandescent	1	Incandescent	4	75	0.3	782.14	75	0.30	782.14	Replace recessed can with LED LR6 Unit
Heritage Center	836	OFFICE 2	Y	Facility Use Matrix	Incandescent	1	Incandescent	4	75	0.3	782.14	75	0.30	782.14	Replace recessed can with LED LR6 Unit
Heritage Center	837	OFFICE 3	Y	Facility Use Matrix	Incandescent	1	Incandescent	4	75	0.3	782.14	75	0.30	782.14	Replace recessed can with LED LR6 Unit
Heritage Center	838	BALCONY	Y	Facility Use Matrix	Incandescent	1	Incandescent	5	75	0.375	1642.50	75	0.38	1642.50	Replace recessed can with LED LR6 Unit
Fleet Peoples Park	839	STORAGES	Y	Facility Use Matrix	Compact Fluorecent	1	CFL Ballast - CFL	1	23	0.023	100.74	23	0.02	100.74	Exclude existing Compact Fluorescent fixture
Fleet Peoples Park	840	WOMENS RR	Y	Facility Use Matrix	1X8 T8 4'	4	Electronic - F32T8	1	112	0.112	490.56	112	0.11	490.56	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
Fleet Peoples Park	841	WOMENS RR	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	258.42	59	0.06	258.42	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Fleet Peoples Park	842	MENS RR	Y	Facility Use Matrix	1X8 T8 4'	4	Electronic - F32T8	1	112	0.112	490.56	112	0.11	490.56	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
Fleet Peoples Park	843	MENS RR	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	258.42	59	0.06	258.42	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Fleet Peoples Park	844	STORAGE	Y	Facility Use Matrix	1X8 Wrap	1	ES Magnetic - F96T12S	2	72	0.144	630.72	72	0.14	630.72	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Fleet Peoples Park	845	STORAGE	Y	Facility Use Matrix	Compact Fluorecent	1	CFL Ballast - CFL	1	17	0.017	74.46	17	0.02	74.46	Exclude existing Compact Fluorescent fixture
Fleet Peoples Park	846	Exterior	Y	Exterior	Incandescent	1	Incandescent	8	150	1.2	5256.00	150	1.20	5256.00	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Amtrack Station	847	CANOPY	Y	Facility Use Matrix	Compact Fluorecent	2	CFL Ballast - CFL	3	52	0.156	683.28	52	0.16	683.28	Replace fixture with 2x13 Drum fixture

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Amtrack Station	848	CANOPY	Y	Facility Use Matrix	Incandescent	1	Incandescent	6	60	0.36	1576.80	60	0.36	1576.80	Replace recessed can with LED LR6 Unit
Amtrack Station	849	CANOPY	Y	Facility Use Matrix	Incandescent	1	Incandescent	7	100	0.7	3066.00	100	0.70	3066.00	Replace fixture with 1x4 Vapor Tight, (1) T8 lamp and LP Elec. Ballast
Amtrack Station	850	CANOPY	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	22	135	2.97	13008.60	135	2.97	13008.60	Replace fixture with 32w CFL Flood
Amtrack Station	851	DOOR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	75	0.075	215.09	75	0.08	215.09	Replace fixture with 32w CFL Flood
Amtrack Station	852	DOOR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	150	0.15	430.18	150	0.15	430.18	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Amtrack Station	853	LOBBY	Y	Facility Use Matrix	Incandescent	1	Incandescent	12	150	1.8	5162.14	150	1.80	5162.14	Replace recessed can with LED LR6 Unit
Amtrack Station	854	LOBBY	Y	Facility Use Matrix	Incandescent	1	Incandescent	5	60	0.3	860.36	60	0.30	860.36	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Amtrack Station	855	COUNTER	Y	Facility Use Matrix	Incandescent	1	Incandescent	3	60	0.18	516.21	60	0.18	516.21	Replace recessed can with LED LR6 Unit
Amtrack Station	856	HALL	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Amtrack Station	857	RR'S	Y	Facility Use Matrix	Incandescent	1	Incandescent	3	60	0.18	516.21	60	0.18	516.21	Replace fixture with 13w Drum fixture
Amtrack Station	858	OFFICE	Y	Facility Use Matrix	1X8 Surf. MiniCube	4	ES Magnetic - F96T12S	2	278	0.556	1594.53	278	0.56	1594.53	Install 1x8 Wrap with (4) T8 lamps and Elec. Ballast
Amtrack Station	859	OFFICE	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	395.76	69	0.14	395.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Amtrack Station	860	OFFICE	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	75	0.075	215.09	75	0.08	215.09	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Amtrack Station	861	STORAGE	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	197.88	69	0.07	197.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Golfview Terrace	862	0	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	6	185	1.11	4861.80	185	1.11	4861.80	Exclude existing HID fixture
Golfview Terrace	863	0	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	150	0.3	1314.00	150	0.30	1314.00	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Golfview Terrace	864	0	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	100	0.1	438.00	100	0.10	438.00	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
McKean Arboritum	865	STREET LT.	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	4	185	0.74	3241.20	185	0.74	3241.20	Exclude existing HID fixture
McKean Arboritum	866	FOUNTAIN	Y	Facility Use Matrix	Incandescent	1	Incandescent	4	150	0.6	2628.00	150	0.60	2628.00	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Shady Park	867	SPRAY AREA	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	4	288	1.152	5045.76	288	1.15	5045.76	Exclude existing HID fixture
Shady Park	868	PUMP RM	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	8	59	0.472	2067.36	59	0.47	2067.36	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Hannibe Park	869	0	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	18	185	3.33	14585.40	185	3.33	14585.40	Exclude existing HID fixture
Dinky Dock	870	0	Y	Facility Use Matrix	1X4 Vapor Tight	2	ES Magnetic - F40T12S	9	69	0.621	2719.98	69	0.62	2719.98	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Dinky Dock	871	0	Y	Facility Use Matrix	Incandescent	1	Incandescent	6	150	0.9	3942.00	150	0.90	3942.00	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Dinky Dock	872	0	Y	Facility Use Matrix	1X4 Vapor Tight	2	ES Magnetic - F40T12S	3	69	0.207	906.66	69	0.21	906.66	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Dinky Dock	873	0	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	5	185	0.925	4051.50	185	0.93	4051.50	Exclude existing HID fixture
Ward Park	874	RR'S	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	4	69	0.276	172.70	69	0.28	172.70	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Ward Park	875	STORAGE	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	100	0.1	62.57	100	0.10	62.57	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Ward Park	876	CANOPY	Y	Facility Use Matrix	Compact Fluorecent	1	CFL Ballast - CFL	1	17	0.017	10.64	17	0.02	10.64	Exclude existing Compact Fluorescent fixture
Ward Park	877	FIELD	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	48	1150	55.2	34539.43	1150	55.20	34539.43	Exclude existing HID field lighting (MH1000)
Ward Park	878	SOCCER FLD	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	16	1150	18.4	11513.14	1150	18.40	11513.14	Exclude existing HID field lighting (MH1000)

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fxt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Ward Park	879	SOCCER FLD	Y	Facility Use Matrix	HID Metal Halide	1	Incandescent	16	1700	27.2	17019.43	1700	27.20	17019.43	Exclude existing HID field lighting (MH1500)
Ward Park	880	BALLFLD.RR	Y	Facility Use Matrix	1X4 Vapor Tight	2	ES Magnetic - F40T12S	3	69	0.207	129.52	69	0.21	129.52	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Ward Park	881	BALLFLD.RR	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	2	185	0.37	1620.60	185	0.37	1620.60	Replace HID fixture with 150w Metal Halide Pulse Start Wall Pack
Ward Park	882	W.P.LIT.LEGE	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	3	138	0.414	259.05	138	0.41	259.05	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Ward Park	883	W.P.LIT.LEGE	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	2	288	0.576	2522.88	288	0.58	2522.88	Replace HID fixture with 150w Metal Halide Pulse Start Wall Pack
Ward Park	884	W.P.LIT.LEGE	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	6	69	0.414	259.05	69	0.41	259.05	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Ward Park	885	CONCESSN4	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	4	138	0.552	345.39	138	0.55	345.39	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Ward Park	886	CONCESSN4	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	86.35	69	0.14	86.35	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Ward Park	887	CONS. RR	Y	Facility Use Matrix	Compact Fluorecent	2	CFL Ballast - CFL	6	34	0.204	127.65	34	0.20	127.65	Exclude existing Compact Fluorescent fixture
Ward Park	888	PRESSBOX	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	86.35	69	0.14	86.35	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Ward Park	889	HOME PLT.	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	43.17	69	0.07	43.17	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Ward Park	890	FIELD 1	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	20	1150	23	14391.43	1150	23.00	14391.43	Exclude existing HID field lighting (MH1000)
Ward Park	891	FIELD 2	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	20	1150	23	14391.43	1150	23.00	14391.43	Exclude existing HID field lighting (MH1000)
Ward Park	892	FIELD 3	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	20	1150	23	14391.43	1150	23.00	14391.43	Exclude existing HID field lighting (MH1000)
Ward Park	893	FIELD 4	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	20	1150	23	14391.43	1150	23.00	14391.43	Exclude existing HID field lighting (MH1000)
Ward Park	894	FIELD 5	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	20	1150	23	14391.43	1150	23.00	14391.43	Exclude existing HID field lighting (MH1000)
Ward Park	895	FIELD 6	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	20	1150	23	14391.43	1150	23.00	14391.43	Exclude existing HID field lighting (MH1000)
Ward Park	896	FIELD 7	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	20	1150	23	14391.43	1150	23.00	14391.43	Exclude existing HID field lighting (MH1000)
Ward Park	897	FIELD 8	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	20	1150	23	14391.43	1150	23.00	14391.43	Exclude existing HID field lighting (MH1000)
CadywayPool	898	WOMEN RR	Y	Facility Use Matrix	Compact Fluorecent	1	CFL Ballast - CFL	16	17	0.272	709.14	17	0.27	709.14	Exclude existing Compact Fluorescent fixture
CadywayPool	899	SUPPLY	Y	Facility Use Matrix	Compact Fluorecent	2	CFL Ballast - CFL	2	34	0.068	177.29	34	0.07	177.29	Exclude existing Compact Fluorescent fixture
CadywayPool	900	OFFICE	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	1	138	0.138	359.79	138	0.14	359.79	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
CadywayPool	901	GUARD RM	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	1	138	0.138	359.79	138	0.14	359.79	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
CadywayPool	902	SUPPLY	Y	Facility Use Matrix	Compact Fluorecent	2	CFL Ballast - CFL	1	34	0.034	88.64	34	0.03	88.64	Exclude existing Compact Fluorescent fixture
CadywayPool	903	MEN RR	Y	Facility Use Matrix	Compact Fluorecent	1	CFL Ballast - CFL	14	17	0.238	620.50	17	0.24	620.50	Exclude existing Compact Fluorescent fixture
CadywayPool	904	Exterior	Y	Exterior	Compact Fluorecent	1	CFL Ballast - CFL	25	17	0.425	1861.50	17	0.43	1861.50	Exclude existing Compact Fluorescent fixture
CadywayPool	905	PUMP HOUS	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	1	450	0.45	1173.21	450	0.45	1173.21	Exclude existing HID fixture
CadywayPool	906	CONCESSN	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	4	138	0.552	1439.14	138	0.55	1439.14	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
CadywayPool	907	CONCESSN	Y	Facility Use Matrix	Compact Fluorecent	1	CFL Ballast - CFL	2	17	0.034	88.64	17	0.03	88.64	Exclude existing Compact Fluorescent fixture
Wymore Plant	908	OFFICE	Y	Facility Use Matrix	1X8 T8 4'	4	Electronic - F32T8	2	112	0.224	350.40	112	0.22	350.40	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
Wymore Plant	909	OFFICE	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	184.59	59	0.12	184.59	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Wymore Plant	910	RR	Y	Facility Use Matrix	1X4 T8	1	Electronic - F32T8	1	30	0.03	46.93	30	0.03	46.93	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
Wymore Plant	911	RR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	60	0.06	93.86	60	0.06	93.86	Replace recessed can with LED LR6 Unit
Wymore Plant	912	HIGH VOLTG	Y	Facility Use Matrix	1X8 T8 4'	4	Electronic - F32T8	1	112	0.112	175.20	112	0.11	175.20	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
Wymore Plant	913	HIGH VOLTG	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	3	59	0.177	276.88	59	0.18	276.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Wymore Plant	914	HIGH VOLTG	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	3	205	0.615	2693.70	205	0.62	2693.70	Replace HID fixture with 150w Metal Halide Pulse Start Wall Pack
Wymore Plant	915	SHED	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	184.59	59	0.12	184.59	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Wymore Plant	916	TANK	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	2	288	0.576	2522.88	288	0.58	2522.88	Exclude existing HID fixture
Wymore Plant	917	LRG.TANK	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	4	288	1.152	5045.76	288	1.15	5045.76	Exclude existing HID fixture
Wymore Plant	918	LRG.TANK	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	2	288	0.576	2522.88	288	0.58	2522.88	Exclude existing HID fixture
Wymore Plant	919	GENERATOR	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	5	59	0.295	461.46	59	0.30	461.46	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Wymore Plant	920	GENERATOR	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	2	135	0.27	1182.60	135	0.27	1182.60	Replace fixture with 32w CFL Flood
Police Training Area	921	HALL	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	6	59	0.354	646.05	59	0.35	646.05	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Police Training Area	922	CR-C	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	6	82	0.492	897.90	82	0.49	897.90	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Police Training Area	923	CR-B	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	6	82	0.492	897.90	82	0.49	897.90	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Police Training Area	924	CR-A	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	8	82	0.656	1197.20	82	0.66	1197.20	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Police Training Area	925	RANGE OFC.	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	2	82	0.164	299.30	82	0.16	299.30	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Police Training Area	926	OFFICE 2	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	215.35	59	0.12	215.35	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Police Training Area	927	MECH RM	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	107.68	59	0.06	107.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Police Training Area	928	ELEC. RM	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	107.68	59	0.06	107.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Police Training Area	929	RANGE	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	12	59	0.708	1292.10	59	0.71	1292.10	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Police Training Area	930	CONTROL 1	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	1	82	0.082	149.65	82	0.08	149.65	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Police Training Area	931	CONTROL 2	Y	Facility Use Matrix	2X4 T8	3	Electronic - F32T8	1	82	0.082	149.65	82	0.08	149.65	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Police Training Area	932	HALL	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	6	59	0.354	646.05	59	0.35	646.05	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Police Training Area	933	GUN CLEAN	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	6	59	0.354	646.05	59	0.35	646.05	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Police Training Area	934	AMMO VLT.	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	4	59	0.236	430.70	59	0.24	430.70	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Police Training Area	935	ROW 1	Y	Facility Use Matrix	Incandescent	1	Incandescent	27	150	4.05	7391.25	150	4.05	7391.25	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Police Training Area	936	ROW 2	Y	Facility Use Matrix	Incandescent	1	Incandescent	13	150	1.95	3558.75	150	1.95	3558.75	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Police Training Area	937	ROW 3	Y	Facility Use Matrix	Incandescent	1	Incandescent	13	150	1.95	3558.75	150	1.95	3558.75	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Police Training Area	938	ROW 4	Y	Facility Use Matrix	Incandescent	1	Incandescent	25	150	3.75	6843.75	150	3.75	6843.75	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Police Training Area	939	ROW 5	Y	Facility Use Matrix	Incandescent	1	Incandescent	26	150	3.9	7117.50	150	3.90	7117.50	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Police Training Area	940	BOOTH	Y	Facility Use Matrix	Incandescent	2	Incandescent	5	120	0.6	1095.00	120	0.60	1095.00	Replace fixture with 2x13 Drum fixture

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fxt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Police Training Area	941	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	11	135	1.485	6504.30	135	1.49	6504.30	Replace fixture with 32w CFL Flood
Police Training Area	942	MECH.RM.RF	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	5	59	0.295	307.64	59	0.30	307.64	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Police Training Area	943	PAVILLION	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	3	140	0.42	1839.60	140	0.42	1839.60	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Police Training Area	944	PARKING	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	3	450	1.35	5913.00	450	1.35	5913.00	Exclude existing HID fixture
Meade Gardens	945	PAVILLION	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	6	59	0.354	1292.10	59	0.35	1292.10	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Meade Gardens	946	ALUM. BLDG	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	2	135	0.27	1182.60	135	0.27	1182.60	Replace fixture with 32w CFL Flood
Meade Gardens	947	ALUM. BLDG	Y	Facility Use Matrix	1X4 Vapor Tight	2	ES Magnetic - F40T12S	2	69	0.138	503.70	69	0.14	503.70	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Meade Gardens	948	ALUM. BLDG	Y	Facility Use Matrix	1X4 Vapor Tight	2	ES Magnetic - F40T12S	4	69	0.276	1007.40	69	0.28	1007.40	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Meade Gardens	949	RR BLDG.	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	9	138	1.242	4533.30	138	1.24	4533.30	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Meade Gardens	950	RR BLDG.	Y	Facility Use Matrix	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	1	69	0.069	251.85	69	0.07	251.85	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Meade Gardens	951	RR BLDG.	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	60	0.12	438.00	60	0.12	438.00	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Meade Gardens	952	RR BLDG.	Y	Facility Use Matrix	Incandescent	1	Incandescent	30	200	6	21900.00	200	6.00	21900.00	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Meade Gardens	953	RR BLDG.	Y	Facility Use Matrix	Incandescent	2	Incandescent	1	120	0.12	525.60	120	0.12	525.60	Replace fixture with 2x13 Drum fixture
Meade Gardens	954	ENVIRON.BLD	Y	Facility Use Matrix	1X4 Wrap	4	ES Magnetic - F40T12S	7	138	0.966	3525.90	138	0.97	3525.90	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Meade Gardens	955	ENVIRON.BLD	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	503.70	69	0.14	503.70	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Meade Gardens	956	ENVIRON.BLD	Y	Facility Use Matrix	Incandescent	2	Incandescent	1	120	0.12	438.00	120	0.12	438.00	Replace fixture with 2x13 Drum fixture
Meade Gardens	958	MAINT.BLDG	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	8	140	1.12	4088.00	140	1.12	4088.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Meade Gardens	959	MAINT.BLDG	Y	Facility Use Matrix	1X4 Industrial	2	ES Magnetic - F40T12S	4	69	0.276	1007.40	69	0.28	1007.40	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Meade Gardens	960	MAINT.BLDG	Y	Facility Use Matrix	Incandescent	1	Incandescent	5	60	0.3	1095.00	60	0.30	1095.00	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Meade Gardens	961	MAINT.BLDG	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	1	138	0.138	503.70	138	0.14	503.70	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Meade Gardens	962	MAINT.BLDG	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	503.70	69	0.14	503.70	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Meade Gardens	963	MAINT.BLDG	Y	Facility Use Matrix	Incandescent	2	Incandescent	4	120	0.48	1752.00	120	0.48	1752.00	Replace fixture with 1x2 Vanity, (2) F17T8 lamps and Elec. Ballast
Meade Gardens	964	TRAILER	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	12	69	0.828	3022.20	69	0.83	3022.20	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Meade Gardens	965	RR.PAVILLON	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	8	69	0.552	2417.76	69	0.55	2417.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Meade Gardens	966	LDSCP.SHED	Y	Facility Use Matrix	1X4 Industrial	2	ES Magnetic - F40T12S	6	69	0.414	1511.10	69	0.41	1511.10	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Meade Gardens	967	BLDG.1310	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	12	69	0.828	3022.20	69	0.83	3022.20	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Meade Gardens	968	BLDG.1310	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	503.70	69	0.14	503.70	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Meade Gardens	969	BLDG.1310	Y	Facility Use Matrix	1X4 Wrap	4	ES Magnetic - F40T12S	2	138	0.276	1007.40	138	0.28	1007.40	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Meade Gardens	970	BLDG.1310	Y	Facility Use Matrix	Incandescent	1	Incandescent	6	150	0.9	3942.00	150	0.90	3942.00	Relamp Incandescent fixture with 23w R30 compact Fluorescent
Meade Gardens	971	SHED	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	503.70	69	0.14	503.70	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
ITS	972	OPEN RM	Y	Facility Use Matrix	Incandescent	1	Incandescent	12	150	1.8	2815.71	150	1.80	2815.71	Replace recessed can with LED LR6 Unit

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
ITS	973	OPEN RM	Y	Facility Use Matrix	Incandescent	1	Incandescent	12	75	0.9	1407.86	75	0.90	1407.86	Relamp Incandescent fixture with 16w R30 Compact Fluorescent
ITS	974	OFFICE 1	Y	Facility Use Matrix	2X4 Rec. Acrylic	3	ES Magnetic - F40T12S	2	103	0.206	322.24	103	0.21	322.24	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
ITS	975	HALL	Y	Facility Use Matrix	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	1	69	0.069	107.94	69	0.07	107.94	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
ITS	976	CLOSET	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	150	0.15	234.64	150	0.15	234.64	Replace recessed can with LED LR6 Unit
ITS	977	OFFICE 2	Y	Facility Use Matrix	2X4 Rec. Acrylic	3	ES Magnetic - F40T12S	2	103	0.206	322.24	103	0.21	322.24	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
ITS	978	CLOSET	Y	Facility Use Matrix	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	1	69	0.069	107.94	69	0.07	107.94	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
ITS	979	RR'S MEN	Y	Facility Use Matrix	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	1	69	0.069	107.94	69	0.07	107.94	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
ITS	980	RR'S WOMEN	Y	Facility Use Matrix	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	1	69	0.069	107.94	69	0.07	107.94	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
ITS	981	COMP 1	Y	Facility Use Matrix	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	4	69	0.276	431.74	69	0.28	431.74	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
ITS	982	COMP 2	Y	Facility Use Matrix	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	1	69	0.069	107.94	69	0.07	107.94	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
ITS	983	MECH	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	107.94	69	0.07	107.94	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
ITS	984	TELE	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	107.94	69	0.07	107.94	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
ITS	985	COMM.	Y	Facility Use Matrix	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	1	69	0.069	107.94	69	0.07	107.94	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
ITS	986	SUPPLY	Y	Facility Use Matrix	2X4 Rec. Acrylic	3	ES Magnetic - F40T12S	2	103	0.206	322.24	103	0.21	322.24	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
ITS	987	HALL	Y	Facility Use Matrix	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	3	69	0.207	323.81	69	0.21	323.81	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
ITS	988	REAR DOOR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	60	0.06	93.86	60	0.06	93.86	Replace fixture with 13w Drum fixture
ITS	989	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	4	135	0.54	2365.20	135	0.54	2365.20	Replace fixture with 32w CFL Flood
Farmers Market	990	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	2	185	0.37	1620.60	185	0.37	1620.60	Exclude existing HID fixture
Farmers Market	991	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	18	185	3.33	14585.40	185	3.33	14585.40	Exclude existing HID fixture
Farmers Market	992	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	14	185	2.59	11344.20	185	2.59	11344.20	Exclude existing HID fixture
Farmers Market	993	Exterior	Y	Exterior	Incandescent	1	Incandescent	9	150	1.35	5913.00	150	1.35	5913.00	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Farmers Market	994	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	3	288	0.864	3784.32	288	0.86	3784.32	Exclude existing HID fixture
Farmers Market	995	Exterior	Y	Exterior	Compact Fluorecent	1	CFL Ballast - CFL	1	23	0.023	100.74	23	0.02	100.74	Exclude existing Compact Fluorescent fixture
Farmers Market	996	OPEN AREA	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	8	69	0.552	1439.14	69	0.55	1439.14	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Farmers Market	997	OPEN AREA	Y	Facility Use Matrix	Incandescent	1	Incandescent	8	75	0.6	1564.29	75	0.60	1564.29	Relamp Incandescent fixture with 16w R30 Compact Fluorescent
Farmers Market	998	OPEN AREA	Y	Facility Use Matrix	1X2 Strip	2	ES Magnetic - F20T12	6	42	0.252	657.00	42	0.25	657.00	Retrofit 1x2 fixture with (2) F17T8 lamps and Elec. Ballast
Farmers Market	999	CLOSET	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	100	0.1	260.71	100	0.10	260.71	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Farmers Market	1000	WOMEN RR	Y	Facility Use Matrix	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	359.79	69	0.14	359.79	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Farmers Market	1001	WOMEN RR	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	150	0.3	782.14	150	0.30	782.14	Replace recessed can with LED LR6 Unit
Farmers Market	1002	MEN RR	Y	Facility Use Matrix	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	1	69	0.069	179.89	69	0.07	179.89	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Farmers Market	1003	MEN RR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	150	0.15	391.07	150	0.15	391.07	Replace recessed can with LED LR6 Unit

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Farmers Market	1004	MEN RR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	60	0.06	156.43	60	0.06	156.43	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Farmers Market	1005	HALL	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	200	0.4	1042.86	200	0.40	1042.86	Replace fixture with 1x4 Wrap, (2) T8 lamp and LP Elec. Ballast
Farmers Market	1006	HALL	Y	Facility Use Matrix	Exit Inc. Double Face	2	Incandescent	6	40	0.24	2102.40	40	0.24	2102.40	Replace fixture with NEW LED Exit Sign - Battery Back Up
Farmers Market	1007	STORAGE	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	2	69	0.138	359.79	69	0.14	359.79	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Farmers Market	1008	OFFICE	Y	Facility Use Matrix	1X4 Wrap	4	ES Magnetic - F40T12S	1	138	0.138	359.79	138	0.14	359.79	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Farmers Market	1009	KITCHEN	Y	Facility Use Matrix	1X4 Surf. Mini	2	ES Magnetic - F40T12S	2	69	0.138	359.79	69	0.14	359.79	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Farmers Market	1010	KITCHEN	Y	Facility Use Matrix	Incandescent	1	Incandescent	3	150	0.45	1173.21	150	0.45	1173.21	Replace recessed can with LED LR6 Unit
Farmers Market	1011	HALL	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	150	0.3	782.14	150	0.30	782.14	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Farmers Market	1012	ELEC. RM.	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	150	0.15	391.07	150	0.15	391.07	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Farmers Market	1013	OPEN	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	200	0.2	521.43	200	0.20	521.43	Replace fixture with 1x4 Wrap, (2) T8 lamp and LP Elec. Ballast
Farmers Market	1014	CLOSET	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	179.89	69	0.07	179.89	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Farmers Market	1015	CANOPY	Y	Facility Use Matrix	Compact Fluorecent	1	CFL Ballast - CFL	6	26	0.156	683.28	26	0.16	683.28	Exclude existing Compact Fluorescent fixtures
PWC Area	1016	SHOP	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	20	138	2.76	7915.29	138	2.76	7915.29	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
PWC Area	1017	CUS.	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	60	0.06	172.07	60	0.06	172.07	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
PWC Area	1018	KEY SHOP	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	4	138	0.552	1583.06	138	0.55	1583.06	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
PWC Area	1019	FR.LADY RR	Y	Facility Use Matrix	2X4 T8	4	Electronic - F32T8	2	112	0.224	642.40	112	0.22	642.40	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
PWC Area	1020	FR.LADY RR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	60	0.06	172.07	60	0.06	172.07	Replace recessed can with LED LR6 Unit
PWC Area	1021	HALLWAY	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	1583.06	138	0.55	1583.06	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
PWC Area	1022	MEN RR	Y	Facility Use Matrix	2X4 T8	4	Electronic - F32T8	2	112	0.224	642.40	112	0.22	642.40	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
PWC Area	1023	MEN RR	Y	Facility Use Matrix	2X2 T8	2	Electronic - FBO32T8U/841/ECO	3	59	0.177	507.61	59	0.18	507.61	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
PWC Area	1024	OFC.	Y	Facility Use Matrix	2X4 T8	4	Electronic - F32T8	4	112	0.448	1284.80	112	0.45	1284.80	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
PWC Area	1025	FOYER	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	791.53	138	0.28	791.53	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
PWC Area	1026	OFC.	Y	Facility Use Matrix	2X4 T8	4	Electronic - F32T8	4	112	0.448	1284.80	112	0.45	1284.80	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
PWC Area	1027	CONF. RM	Y	Facility Use Matrix	2X4 T8	4	Electronic - F32T8	6	112	0.672	1927.20	112	0.67	1927.20	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
PWC Area	1028	OPEN ST.BAY	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	4	138	0.552	1583.06	138	0.55	1583.06	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
PWC Area	1029	STORAGE	Y	Facility Use Matrix	2X4 T8	4	Electronic - F32T8	2	112	0.224	642.40	112	0.22	642.40	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Fire Station #64	1030	OPEN BAY	Y	Facility Use Matrix	1X8 T8 4'	4	Electronic - F32T8	12	112	1.344	4204.80	112	1.34	4204.80	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
Fire Station #64	1031	OPEN BAY	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	100	0.1	312.86	100	0.10	312.86	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Fire Station #64	1032	OFC.DISP.	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	1	138	0.138	431.74	138	0.14	431.74	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Fire Station #64	1033	BREAK RM	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	1	138	0.138	431.74	138	0.14	431.74	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Fire Station #64	1034	BREAK RM	Y	Facility Use Matrix	1X4 Rec. Acrylic	2	ES Magnetic - F40T12S	1	69	0.069	215.87	69	0.07	215.87	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Fire Station #64	1035	KITCHEN	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	863.49	138	0.28	863.49	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Fire Station #64	1036	HALL	Y	Facility Use Matrix	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	2	69	0.138	431.74	69	0.14	431.74	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Fire Station #64	1037	RR	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	215.87	69	0.07	215.87	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Fire Station #64	1038	RR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	75	0.075	234.64	75	0.08	234.64	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Fire Station #64	1039	3-BEDROOM	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	3	138	0.414	1295.23	138	0.41	1295.23	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Fire Station #64	1040	CLOSET	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	75	0.075	234.64	75	0.08	234.64	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Fire Station #64	1041	Exterior	Y	Exterior	Incandescent	1	Incandescent	2	100	0.2	876.00	100	0.20	876.00	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Fire Station #64	1042	Exterior	Y	Exterior	HID HPS	1	HID Magnetic - HID	2	185	0.37	1620.60	185	0.37	1620.60	Exclude existing HID fixture
PWC Area	1043	OPEN OFC.	Y	Facility Use Matrix	1X8 T8 4'	4	Electronic - F32T8	7	112	0.784	2248.40	112	0.78	2248.40	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
PWC Area	1044	OFC. 1	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	338.41	59	0.12	338.41	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC Area	1045	RECPT.	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	338.41	59	0.12	338.41	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC Streets Bldg	1046	OFC. 2	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	338.41	59	0.12	338.41	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC Streets Bldg	1047	OFC. 3	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	338.41	59	0.12	338.41	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC Streets Bldg	1048	OFC. 4	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	338.41	59	0.12	338.41	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC Streets Bldg	1049	ST.WRHOUS	Y	Facility Use Matrix	1X8 T8 4'	4	Electronic - F32T8	15	112	1.68	4818.00	112	1.68	4818.00	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
PWC Streets Bldg	1050	STORAGE	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	338.41	59	0.12	338.41	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC Streets Bldg	1051	EXIT	Y	Facility Use Matrix	Exit LED Double Face	1	LED	2	3	0.006	17.21	3	0.01	17.21	Replace fixture with NEW LED Exit Sign - Battery Back Up
PWC Streets Bldg	1052	PIPE BARN	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	8	69	0.552	1583.06	69	0.55	1583.06	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC Lakes Bldg	1053	CLOSET	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	251.85	69	0.07	251.85	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC Lakes Bldg	1054	RECEPTION	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	2014.80	138	0.55	2014.80	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
PWC Lakes Bldg	1055	STORAGE	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	2	138	0.276	1007.40	138	0.28	1007.40	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
PWC Lakes Bldg	1056	HALL	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1007.40	138	0.28	1007.40	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
PWC Lakes Bldg	1057	BOB'S OFC.	Y	Facility Use Matrix	2X4 Rec. Acrylic	2	ES Magnetic - F40T12S	2	69	0.138	503.70	69	0.14	503.70	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC Lakes Bldg	1058	STEVE OFC.	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	3	138	0.414	1511.10	138	0.41	1511.10	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
PWC Lakes Bldg	1059	STORAGE	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	4	138	0.552	2014.80	138	0.55	2014.80	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
PWC Lakes Bldg	1060	BREAK RM	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	6	138	0.828	3022.20	138	0.83	3022.20	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
PWC Lakes Bldg	1061	RR MEN	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	251.85	69	0.07	251.85	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC Lakes Bldg	1062	RR MEN	Y	Facility Use Matrix	1X3 Vanity	2	ES Magnetic - F30T12	1	63	0.063	229.95	63	0.06	229.95	Retrofit 1x3 fixture with (2) F25T8 lamps and Elec. Ballast
PWC Lakes Bldg	1063	RR WOMEN	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	2	138	0.276	1007.40	138	0.28	1007.40	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
PWC Lakes Bldg	1064	RR WOMEN	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	60	0.06	219.00	60	0.06	219.00	Replace recessed can with LED LR6 Unit
PWC Lakes Bldg	1065	COMM.	Y	Facility Use Matrix	2X2 Rec. Acrylic	2	ES Magnetic - F40T12US	1	69	0.069	251.85	69	0.07	251.85	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
PWC #11	1066	0	Y	Facility Use Matrix	HID HPS	1	HID Magnetic - HID	10	135	1.35	5913.00	135	1.35	5913.00	Replace fixture with 32w CFL Flood
PWC #11	1067	OPEN BAY 1	Y	Facility Use Matrix	1X8 T8 4'	4	Electronic - F32T8	8	112	0.896	2336.00	112	0.90	2336.00	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
PWC #11	1068	OPEN BAY 1	Y	Facility Use Matrix	Fluorescent	6	T5 Electronic - T5HO	10	324	3.24	8447.14	324	3.24	8447.14	Exclude existing T5 High Bay fixture
PWC #11	1069	OPEN BAY 1	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	5	450	2.25	5866.07	450	2.25	5866.07	Remove existing HID fixture
PWC #11	1070	TIRE BARN	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	3	59	0.177	461.46	59	0.18	461.46	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #11	1071	MENS RR	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	5	59	0.295	769.11	59	0.30	769.11	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #11	1072	WOMEN RR	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	5	59	0.295	769.11	59	0.30	769.11	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #11	1073	HALL	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	9	59	0.531	1384.39	59	0.53	1384.39	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #11	1074	BREAK	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	4	59	0.236	615.29	59	0.24	615.29	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #11	1075	TOOL RM	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #11	1076	PARTS	Y	Facility Use Matrix	1X8 T8 4'	4	Electronic - F32T8	15	112	1.68	4380.00	112	1.68	4380.00	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
PWC #11	1077	CLOSET	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #11	1078	OFFICE	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #11	1079	CLOSET	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #11	1080	ELEV.	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #11	1081	STAIRWELL	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	10	59	0.59	1538.21	59	0.59	1538.21	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #11	1082	OPEN BAY 2	Y	Facility Use Matrix	1X8 T8 4'	4	Electronic - F32T8	2	112	0.224	584.00	112	0.22	584.00	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
PWC #11	1083	OPEN BAY 2	Y	Facility Use Matrix	Fluorescent	6	T5 Electronic - T5HO	32	324	10.368	27030.86	324	10.37	27030.86	Exclude existing T5 High Bay fixture
PWC #12	1084	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	12	135	1.62	7095.60	135	1.62	7095.60	Replace fixture with 32w CFL Flood
PWC #12	1085	COMM RM	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	9	59	0.531	1522.83	59	0.53	1522.83	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #12	1086	WOMEN RR	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	6	59	0.354	1015.22	59	0.35	1015.22	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #12	1087	SHOWER	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	60	0.12	344.14	60	0.12	344.14	Replace recessed can with LED LR6 Unit
PWC #12	1088	SHOWER	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	8	59	0.472	1353.63	59	0.47	1353.63	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #12	1089	SHOWER	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	60	0.12	344.14	60	0.12	344.14	Replace recessed can with LED LR6 Unit
PWC #12	1090	HVAC	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	338.41	59	0.12	338.41	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #12	1091	REST	Y	Facility Use Matrix	1X8 T8 4'	4	Electronic - F32T8	2	112	0.224	642.40	112	0.22	642.40	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
PWC #12	1092	STORAGE	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	3	59	0.177	507.61	59	0.18	507.61	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #12	1093	SHED	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	3	138	0.414	1187.29	138	0.41	1187.29	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
PWC #LS-70	1094	0	Y	Facility Use Matrix	1X8 Industrial 4'	4	ES Magnetic - F40T12S	6	138	0.828	2374.59	138	0.83	2374.59	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
PWC #LS-70	1095	0	Y	Facility Use Matrix	Incandescent	1	Incandescent	8	150	1.2	5256.00	150	1.20	5256.00	Relamp Incandescent fixture with 23w R30 compact Fluorescent
PWC #LS-70	1096	0	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	4	205	0.82	3591.60	205	0.82	3591.60	Replace HID fixture with 150w Metal Halide Pulse Start Wall Pack

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
PWC #LS-70	1097	0	Y	Facility Use Matrix	Incandescent	1	Incandescent	2	100	0.2	876.00	100	0.20	876.00	Replace fixture with 32w CFL Flood
PWC #20	1098	OPEN	Y	Facility Use Matrix	2X4 T8	4	Electronic Ballast - F32T8	32	112	3.584	9344.00	112	3.58	9344.00	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
PWC #20	1099	OFC.	Y	Facility Use Matrix	2X4 T8	4	Electronic Ballast - F32T8	4	112	0.448	1168.00	112	0.45	1168.00	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
PWC #20	1100	OFC.	Y	Facility Use Matrix	2X2 T8	2	Electronic - FBO32T8U/841/ECO	1	59	0.059	153.82	59	0.06	153.82	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
PWC #20	1101	PARTS RM	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1102	HVAC	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1103	STAIRWELL 1	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1104	BASEMENT	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	2	138	0.276	719.57	138	0.28	719.57	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
PWC #20	1105	2851STORE	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	8	59	0.472	1230.57	59	0.47	1230.57	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1106	STAIRWELL 2	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1107	HALL	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	5	59	0.295	769.11	59	0.30	769.11	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1108	M/LCK RR	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	8	59	0.472	1230.57	59	0.47	1230.57	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1109	LOCKER	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	8	59	0.472	1230.57	59	0.47	1230.57	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1110	LOCKER	Y	Facility Use Matrix	Compact Fluorecent	2	CFL Ballast - CFL	4	36	0.144	375.43	36	0.14	375.43	Exclude existing Compact Fluorescent fixture
PWC #20	1111	HVAC	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1112	GYM	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	12	59	0.708	1845.86	59	0.71	1845.86	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1113	CLOSET	Y	Facility Use Matrix	Compact Fluorecent	1	CFL Ballast - CFL	1	18	0.018	46.93	18	0.02	46.93	Exclude existing Compact Fluorescent
PWC #20	1114	KITCHEN	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1115	WOMEN/LCK	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	4	59	0.236	615.29	59	0.24	615.29	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1116	LCK STORG	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	3	59	0.177	461.46	59	0.18	461.46	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1117	LCK STORG	Y	Facility Use Matrix	Compact Fluorecent	2	CFL Ballast - CFL	3	36	0.108	281.57	36	0.11	281.57	Exclude existing Compact Fluorescent fixture
PWC #20	1118	LAB	Y	Facility Use Matrix	2X4 T8	4	Electronic Ballast - F32T8	17	112	1.904	4964.00	112	1.90	4964.00	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
PWC #20	1119	2842	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	3	59	0.177	461.46	59	0.18	461.46	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1121	STAIRWELL3	Y	Facility Use Matrix	2X2 T8	2	Electronic - FBO32T8U/841/ECO	1	59	0.059	153.82	59	0.06	153.82	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
PWC #20	1122	STAIRWELL3	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1123	TRAINING RM	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	26	59	1.534	3999.36	59	1.53	3999.36	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1124	HVAC RM	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1125	ELEV.	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	4	59	0.236	615.29	59	0.24	615.29	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1126	MAIN HALL	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	10	59	0.59	1538.21	59	0.59	1538.21	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1127	ME	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1128	2844-STORG	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	4	59	0.236	615.29	59	0.24	615.29	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
PWC #20	1129	2848 STORG	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1130	2851 STORG	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	10	59	0.59	1538.21	59	0.59	1538.21	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1131	ITS	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1132	2849 STORG	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	6	59	0.354	922.93	59	0.35	922.93	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1133	M.F.L.LOBBY	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	7	59	0.413	1076.75	59	0.41	1076.75	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1134	META SHOP	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	4	59	0.236	615.29	59	0.24	615.29	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1135	CROSOVHAL	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1136	OFC.	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1137	SECRETARY	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1138	CONF. RM	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	6	59	0.354	922.93	59	0.35	922.93	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1139	O.ROUTSON	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1140	ELEV.	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1141	HALL AIK	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	8	59	0.472	1230.57	59	0.47	1230.57	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1142	CENTRAL S	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	16	59	0.944	2461.14	59	0.94	2461.14	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1143	OFC.	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1144	OFC.DISTR	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1145	TEST SEAL	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1146	LOCATORS	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1147	CON SERV	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1148	OFC. SIDE	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1149	FILE RM	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	6	59	0.354	922.93	59	0.35	922.93	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1150	HALL	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	9	59	0.531	1384.39	59	0.53	1384.39	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1151	CROSSOVER	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1152	WOMEN RR	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1153	HVAC HALL	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	3	59	0.177	461.46	59	0.18	461.46	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1154	MEN RR	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1155	OFC.CARVER	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1156	TESTON	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1157	JAN.	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1158	DICKMAN	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1159	PILE	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	6	59	0.354	922.93	59	0.35	922.93	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
PWC #20	1160	BUNNIN	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1161	DADABO	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1162	HALL	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1163	HALL	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	7	59	0.413	1076.75	59	0.41	1076.75	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1164	KATSCHOR	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1165	GROUVER	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1166	FILES	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1167	MARTIN	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1168	HELLER	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1169	GUEST	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1170	BREAK RM	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1171	DRAGGERS	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1172	CAMPBELL	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1173	RICHARDSON	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1174	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	12	135	1.62	7095.60	135	1.62	7095.60	Replace fixture with 32w CFL Flood
PWC #20	1175	COPY RM	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1176	OFC.	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1177	BEST	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #20	1178	ROUTSIN	Y	Facility Use Matrix	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC Storage 1	1179	STND,ALONE	Y	Facility Use Matrix	1X8 T8 4'	4	Electronic - F32T8	14	112	1.568	4496.80	112	1.57	4496.80	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
PWC Storage 1	1180	STND,ALONE	Y	Facility Use Matrix	Incandescent	1	Incandescent	4	150	0.6	2628.00	150	0.60	2628.00	Relamp Incandescent fixture with 23w R30 compact Fluorescent
PWC Storage 2	1181	STND,ALONE	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	18	138	2.484	7123.76	138	2.48	7123.76	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
PWC Storage 2	1182	10 BAYS	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	10	138	1.38	3957.64	138	1.38	3957.64	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
PWC Storage 2	1183	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	9	135	1.215	5321.70	135	1.22	5321.70	Replace fixture with 32w CFL Flood
PWC #4	1184	0	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	4	135	0.54	2365.20	135	0.54	2365.20	Replace fixture with 32w CFL Flood
PWC #4	1185	CANOPY	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	338.41	59	0.12	338.41	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #4	1186	BAY 1	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	6	59	0.354	1015.22	59	0.35	1015.22	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #4	1187	OFC	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	338.41	59	0.12	338.41	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #4	1188	STORAGE	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	1	59	0.059	169.20	59	0.06	169.20	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #4	1189	BREAK	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	338.41	59	0.12	338.41	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #4	1190	OFC. EGAN	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	338.41	59	0.12	338.41	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
PWC #4	1191	OFC. EGAN	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	338.41	59	0.12	338.41	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #14	1192	0	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	3	69	0.207	539.68	69	0.21	539.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
PWC #14	1193	RR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	60	0.06	156.43	60	0.06	156.43	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
PWC #14	1194	STORE	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	60	0.06	156.43	60	0.06	156.43	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
PWC #14	1195	OVER HANG	Y	Facility Use Matrix	Incandescent	1	Incandescent	4	60	0.24	1051.20	60	0.24	1051.20	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
PWC #14	1196	OVER HANG	Y	Facility Use Matrix	Incandescent	2	Incandescent	2	300	0.6	2628.00	300	0.60	2628.00	Replace fixture with 1x4 Vapor Tight, (2) T8 lamp and LP Elec. Ballast
PWC Storage 3	1197	STND.ALONE	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	3	140	0.42	1204.50	140	0.42	1204.50	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
PWC Storage 3	1198	STND.ALONE	Y	Facility Use Matrix	Incandescent	2	Incandescent	4	300	1.2	5256.00	300	1.20	5256.00	Replace fixture with 1x4 Vapor Tight, (2) T8 lamp and LP Elec. Ballast
PWC Pavillion	1199	OUTSIDE	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	10	140	1.4	2190.00	140	1.40	2190.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
PWC Fuel Island	1200	Canopy	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	4	288	1.152	5045.76	288	1.15	5045.76	Replace fixture with 2x2 Surface Box (4) 28w Biax Lamps and Elec. Ballast
Swoope WT	1201	OFFICE	Y	Facility Use Matrix	Compact Fluorescent	6	CFL Ballast - CFL	4	216	0.864	2252.57	216	0.86	2252.57	Exclude existing Compact Fluorescent High Bay fixture
Swoope WT	1202	OFFICE	Y	Facility Use Matrix	2X2 T8	2	Electronic - FBO32T8U/841/ECO	8	59	0.472	1230.57	59	0.47	1230.57	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Swoope WT	1203	RR	Y	Facility Use Matrix	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Swoope WT	1204	JAN.	Y	Facility Use Matrix	2X2 T8	2	Electronic - FBO32T8U/841/ECO	1	59	0.059	153.82	59	0.06	153.82	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Swoope WT	1205	MCC. RM	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	3	140	0.42	1095.00	140	0.42	1095.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Swoope WT	1206	GEN. RM	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	6	140	0.84	2190.00	140	0.84	2190.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Swoope WT	1207	HALL	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Swoope WT	1208	S	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	2	140	0.28	730.00	140	0.28	730.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Swoope WT	1209	HVAC	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	1	140	0.14	365.00	140	0.14	365.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Swoope WT	1210	CHEM. RM	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	4	140	0.56	1460.00	140	0.56	1460.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Swoope WT	1211	HYDRO.ACID	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	1	140	0.14	365.00	140	0.14	365.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Swoope WT	1212	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	6	205	1.23	5387.40	205	1.23	5387.40	Replace HID fixture with 150w Metal Halide Pulse Start Wall Pack
Swoope WT	1213	ACID RM	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	2	140	0.28	730.00	140	0.28	730.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Swoope WT	1214	SODIUM	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	2	140	0.28	730.00	140	0.28	730.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Swoope WT	1215	HVAC RM	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	2	140	0.28	730.00	140	0.28	730.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Swoope WT	1216	PUMP RM	Y	Facility Use Matrix	2X2 T8	2	Electronic - FBO32T8U/841/ECO	1	59	0.059	153.82	59	0.06	153.82	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Swoope WT	1217	OZONE BLDG	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	4	140	0.56	1460.00	140	0.56	1460.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Swoope WT	1218	OPEN	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	10	140	1.4	3650.00	140	1.40	3650.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Swoope WT	1219	OPEN	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	4	205	0.82	3591.60	205	0.82	3591.60	Replace HID fixture with 150w Metal Halide Pulse Start Wall Pack
Swoope WT	1220	OPEN	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	6	205	1.23	5387.40	205	1.23	5387.40	Replace HID fixture with 150w Metal Halide Pulse Start Wall Pack
Swoope WT	1221	POLE LT.	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	6	450	2.7	11826.00	450	2.70	11826.00	Exclude existing HID fixture

Non-Modeled Sites

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Swoope WT	1222	POLE LT.	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	2	450	0.9	3942.00	450	0.90	3942.00	Exclude existing HID fixture
Aloma WT	1223	ORS BLDG	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	7	185	1.295	3376.25	185	1.30	3376.25	Replace fixture with 100w Metal Halide Pulse Start Wall Pack
Aloma WT	1224	FRONT	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	2	185	0.37	964.64	185	0.37	964.64	Replace fixture with 100w Metal Halide Pulse Start Wall Pack
Aloma WT	1225	FR. DOOR	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	1	95	0.095	247.68	95	0.10	247.68	Replace fixture with 32w CFL Flood
Aloma WT	1226	HVAC OUTSD	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	1	140	0.14	365.00	140	0.14	365.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Aloma WT	1227	SPRNK.RM	Y	Facility Use Matrix	2X2 T8	2	Electronic - FBO32T8U/841/ECO	1	59	0.059	153.82	59	0.06	153.82	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Aloma WT	1228	OPENFOYER	Y	Facility Use Matrix	2X2 T8	2	Electronic - FBO32T8U/841/ECO	11	59	0.649	1692.04	59	0.65	1692.04	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Aloma WT	1229	M/W RR	Y	Facility Use Matrix	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Aloma WT	1230	JAN.	Y	Facility Use Matrix	2X2 T8	2	Electronic - FBO32T8U/841/ECO	1	59	0.059	153.82	59	0.06	153.82	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Aloma WT	1231	MAINT.	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	1	140	0.14	365.00	140	0.14	365.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Aloma WT	1232	SODIUM RM	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	2	140	0.28	730.00	140	0.28	730.00	Replace fixture with 1x8 Narrow Vapor Tight, (4) T8 lamp and LP Elec. Ballast
Aloma WT	1233	ELEC. RM	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	2	140	0.28	730.00	140	0.28	730.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Aloma WT	1234	GEN. RM	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	6	140	0.84	2190.00	140	0.84	2190.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Aloma WT	1235	HALLWAY	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Aloma WT	1236	CHEM. RM	Y	Facility Use Matrix	1X4 Vapor Tight	2	ES Magnetic - F40T12S	4	69	0.276	719.57	69	0.28	719.57	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Aloma WT	1237	CH RM	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	2	140	0.28	730.00	140	0.28	730.00	Replace fixture with 1x8 Narrow Vapor Tight, (4) T8 lamp and LP Elec. Ballast
Aloma WT	1238	BLOCK BLDG	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	4	450	1.8	7884.00	450	1.80	7884.00	Exclude existing HID fixture
Aloma WT	1239	OZONE BLDG	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	6	185	1.11	2893.93	185	1.11	2893.93	Replace fixture with 100w Metal Halide Pulse Start Wall Pack
Aloma WT	1240	OZONE BLDG	Y	Facility Use Matrix	1X4 Vapor Tight	2	ES Magnetic - F40T12S	9	69	0.621	1619.04	69	0.62	1619.04	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Aloma WT	1241	FACP RM	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	4	140	0.56	1460.00	140	0.56	1460.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Aloma WT	1242	GR.STR.TNK	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	4	185	0.74	1929.29	185	0.74	1929.29	Replace fixture with 100w Metal Halide Pulse Start Wall Pack
Aloma WT	1243	GR.STR.TNK	Y	Facility Use Matrix	HID HPS	1	HID Magnetic - HID	2	450	0.9	2346.43	450	0.90	2346.43	Exclude existing HID fixture
Aloma WT	1244	CMP.PL.FIX	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	11	450	4.95	21681.00	450	4.95	21681.00	Exclude existing HID fixture
Aloma WT	1245	CMP.PL.FIX	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	2	450	0.9	3942.00	450	0.90	3942.00	Exclude existing HID fixture
Bongart WWP	1246	LAB BLDG	Y	Facility Use Matrix	Incandescent	2	Incandescent	1	150	0.15	391.07	150	0.15	391.07	Relamp Incandescent fixture with (2) 14w Compact Fluorescent Spiral
Bongart WWP	1247	LAB	Y	Facility Use Matrix	2X4 Surf. MiniCube	4	ES Magnetic - F40T12S	6	138	0.828	2158.71	138	0.83	2158.71	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Bongart WWP	1248	HALL	Y	Facility Use Matrix	1X4 Surf. Mini	2	ES Magnetic - F40T12S	2	69	0.138	359.79	69	0.14	359.79	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Bongart WWP	1249	RR	Y	Facility Use Matrix	1X4 Surf. Mini	2	ES Magnetic - F40T12S	2	69	0.138	359.79	69	0.14	359.79	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Bongart WWP	1250	SHOWER	Y	Facility Use Matrix	Incandescent	2	Incandescent	1	120	0.12	312.86	120	0.12	312.86	Relamp Incandescent fixture with (2) 14w Compact Fluorescent Spiral
Bongart WWP	1251	CLOSET	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	100	0.1	260.71	100	0.10	260.71	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Bongart WWP	1252	CROSSOVER	Y	Facility Use Matrix	Incandescent	2	Incandescent	1	120	0.12	312.86	120	0.12	312.86	Relamp Incandescent fixture with (2) 14w Compact Fluorescent Spiral

Non-Modeled Sites

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Bongart WWP	1253	STORAGE	Y	Facility Use Matrix	1X4 Vapor Tight	2	ES Magnetic - F40T12S	4	69	0.276	719.57	69	0.28	719.57	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Bongart WWP	1254	LAB OFC.	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	4	138	0.552	1439.14	138	0.55	1439.14	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Bongart WWP	1255	Exterior	Y	Exterior	Incandescent	1	Incandescent	2	150	0.3	1314.00	150	0.30	1314.00	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Bongart WWP	1256	POLE.LTS	Y	Facility Use Matrix	HID HPS	1	HID Magnetic - HID	8	450	3.6	15768.00	450	3.60	15768.00	Exclude existing HID fixture
Bongart WWP	1257	LRG. TANK	Y	Facility Use Matrix	HID HPS	1	HID Magnetic - HID	4	288	1.152	5045.76	288	1.15	5045.76	Exclude existing HID fixture
Bongart WWP	1258	ST.AL.POLE	Y	Facility Use Matrix	HID HPS	1	HID Magnetic - HID	5	450	2.25	9855.00	450	2.25	9855.00	Exclude existing HID fixture
Bongart WWP	1260	TANK	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	150	0.15	657.00	150	0.15	657.00	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Bongart WWP	1261	BR/LAB.BLDG	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	42	138	5.796	50772.96	138	5.80	50772.96	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Bongart WWP	1262	FR.DOOR	Y	Facility Use Matrix	HID HPS	1	HID Magnetic - HID	2	95	0.19	832.20	95	0.19	832.20	Retrofit 1x4 fixture with (1) T8 lamp, Elec. Ballast and Reflector Kit
Bongart WWP	1263	ELEC.BLDG	Y	Facility Use Matrix	1X4 T8	1	Electronic - F32T8	6	30	0.18	1576.80	30	0.18	1576.80	Retrofit 1x4 fixture with (1) T8 lamp and LP Elec. Ballast
Bongart WWP	1264	TANK	Y	Facility Use Matrix	HID Mercury Vapor	1	HID Magnetic - HID	2	450	0.9	3942.00	450	0.90	3942.00	Exclude existing HID fixture
Bongart WWP	1265	TANK	Y	Facility Use Matrix	Quartz Flood	1	None - Q250Quartz	1	250	0.25	1095.00	250	0.25	1095.00	Replace fixture with 32w CFL Flood
Bongart WWP	1266	TANK	Y	Facility Use Matrix	HID HPS	1	HID Magnetic - HID	1	288	0.288	1261.44	288	0.29	1261.44	Exclude existing HID fixture
Bongart WWP	1267	TANK 5	Y	Facility Use Matrix	HID HPS	1	HID Magnetic - HID	5	288	1.44	6307.20	288	1.44	6307.20	Exclude existing HID fixture
Bongart WWP	1268	BLDG.FILE	Y	Facility Use Matrix	1X8 Industrial 4'	4	ES Magnetic - F40T12S	2	138	0.276	2417.76	138	0.28	2417.76	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
Bongart WWP	1269	BLDG.FILE	Y	Facility Use Matrix	1X4 Industrial	2	ES Magnetic - F40T12S	2	69	0.138	1208.88	69	0.14	1208.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Bongart WWP	1270	OFC.	Y	Facility Use Matrix	2X4 Rec. Acrylic	4	ES Magnetic - F40T12S	6	138	0.828	7253.28	138	0.83	7253.28	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Bongart WWP	1271	DOOR	Y	Facility Use Matrix	Incandescent	1	Incandescent	1	100	0.1	438.00	100	0.10	438.00	Replace fixture with 32w CFL Flood
Bongart WWP	1272	LRG. TANK	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	3	288	0.864	3784.32	288	0.86	3784.32	Exclude existing HID fixture
Bongart WWP	1273	LRG. TANK	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	1	450	0.45	1971.00	450	0.45	1971.00	Exclude existing HID fixture
Bongart WWP	1274	Storage	Y	Facility Use Matrix	HID HPS	1	HID Magnetic - HID	2	288	0.576	5045.76	288	0.58	5045.76	Exclude existing HID fixture
Bongart WWP	1275	SHOP	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	1	140	0.14	1226.40	140	0.14	1226.40	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Bongart WWP	1276	SHOP	Y	Facility Use Matrix	1X8 Strip	2	ES Magnetic - F96T12S	1	138	0.138	1208.88	138	0.14	1208.88	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Bongart WWP	1277	SHOP	Y	Facility Use Matrix	1X4 Strip	2	ES Magnetic - F40T12S	1	69	0.069	604.44	69	0.07	604.44	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Bongart WWP	1278	All	Y	Facility Use Matrix	1X4 Vapor Tight	2	ES Magnetic - F40T12S	6	69	0.414	3626.64	69	0.41	3626.64	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Bongart WWP	1279	Exterior	Y	Exterior	HID HPS	1	HID Magnetic - HID	1	95	0.095	416.10	95	0.10	416.10	Replace fixture with 32w CFL Flood
Magnolia WP	1280	FR.CANOPY	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	3	185	0.555	2430.90	185	0.56	2430.90	Replace fixture with 1x4 Vapor Tight, (2) T8 lamp and LP Elec. Ballast
Magnolia WP	1281	FR.CANOPY	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	15	185	2.775	12154.50	185	2.78	12154.50	Retrofit fixture with 32w CFL - disconnect existing HID ballast
Magnolia WP	1282	ELEC. RM.	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	3	140	0.42	1095.00	140	0.42	1095.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Magnolia WP	1283	GEN. RM	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	6	140	0.84	2190.00	140	0.84	2190.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Magnolia WP	1284	JAN.CLOSET	Y	Facility Use Matrix	2X2 T8	2	Electronic - FBO32T8U/841/ECO	1	59	0.059	153.82	59	0.06	153.82	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit

Non-Modeled Sites

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Magnolia WP	1285	M/W RR	Y	Facility Use Matrix	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Magnolia WP	1286	HALLWAY	Y	Facility Use Matrix	1X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Magnolia WP	1287	CHEM. RM	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	2	140	0.28	730.00	140	0.28	730.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Magnolia WP	1288	HVAC	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	1	140	0.14	365.00	140	0.14	365.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Magnolia WP	1289	BLEACH RM	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	4	140	0.56	1460.00	140	0.56	1460.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Magnolia WP	1290	FLD. RM	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	1	140	0.14	365.00	140	0.14	365.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Magnolia WP	1291	BULK STRG	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	2	140	0.28	730.00	140	0.28	730.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Magnolia WP	1292	BULK 2	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	2	140	0.28	730.00	140	0.28	730.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Magnolia WP	1293	OVERHANG	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	12	185	2.22	9723.60	185	2.22	9723.60	Replace fixture with 1x4 Vapor Tight, (2) T8 lamp and LP Elec. Ballast
Magnolia WP	1294	OZONE BLDG	Y	Facility Use Matrix	1X8 Vapor Tight	2	ES Magnetic - F96T12S	9	140	1.26	3285.00	140	1.26	3285.00	Replace fixture with 1x8 Vapor Tight, (4) T8 lamps and LP Elec. Ballast
Magnolia WP	1295	COMPUTR RM	Y	Facility Use Matrix	1X8 Industrial	2	ES Magnetic - F96T12S	4	140	0.56	1460.00	140	0.56	1460.00	Retrofit 1x8 fixture with (4) T8 lamps, LP Elec. Ballast and Reflector Kit
Magnolia WP	1296	Exterior	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	6	185	1.11	4861.80	185	1.11	4861.80	Replace fixture with 84w CFL Wall Pack
Magnolia WP	1297	TANK	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	10	185	1.85	8103.00	185	1.85	8103.00	Replace fixture with 84w CFL Wall Pack
Magnolia WP	1298	TANK	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	2	450	0.9	3942.00	450	0.90	3942.00	Exclude existing HID fixture
Magnolia WP	1299	SGL.H.POLE	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	8	288	2.304	10091.52	288	2.30	10091.52	Exclude existing HID fixture
Magnolia WP	1300	DBL.H.POLE	Y	Facility Use Matrix	HID Metal Halide	1	HID Magnetic - HID	4	288	1.152	5045.76	288	1.15	5045.76	Exclude existing HID fixture

Building No.	Ref #	Room / FISH #	AC Space	Room Type	Existing Fixture	Exist. # Lamps	Existing Ballast Type	Exist. Fixt. Qty	100% Existing Fixture Watts	100% Existing kW	100% Existing kwh	Existing Fixture Watts	Existing kW	Existing kwh	ECM
Public Safety Compound	329	RECORDS	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	330	INTERVIEW R	Y	Admin / Office	2X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	331	RECORDS	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	22	82	1.804	15803.04	82	1.80	15803.04	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	332	IMAGING	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	333	RECD.STORE	Y	Storage	2X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	334	RECD.STORE	Y	Storage	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	335	SNACK ONE	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	336	ELEV.EQUIP	N	Elec / Mech	1X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	337	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	12	59	0.708	6202.08	59	0.71	6202.08	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	338	CON	Y	Elec / Mech	2X4 T8	3	Electronic - F32T8	3	82	0.246	2154.96	82	0.25	2154.96	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	339	QURT.MASTR	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	6	82	0.492	4309.92	82	0.49	4309.92	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	340	SUPPLY	Y	Storage	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	341	MECH. RM	N	Elec / Mech	1X4 T8	2	Electronic - F32T8	7	59	0.413	3617.88	59	0.41	3617.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	342	ELEC.RM	N	Elec / Mech	1X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	343	WOMEN RR	Y	Restrooms	1X4 T8	2	Electronic - F32T8	3	59	0.177	1550.52	59	0.18	1550.52	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	344	WOMEN RR	Y	Restrooms	Compact Fluorescent	1	CFL Ballast - CFL	2	84	0.168	1471.68	84	0.17	1471.68	Exclude existing Compact Fluorescent
Public Safety Compound	345	HALL RR	Y	Restrooms	Compact Fluorecent	1	CFL Ballast - CFL	1	26	0.026	227.76	26	0.03	227.76	Exclude existing Compact Fluorescent fixtures
Public Safety Compound	346	MEN RR	Y	Restrooms	1X4 T8	2	Electronic - F32T8	3	59	0.177	1550.52	59	0.18	1550.52	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	347	MEN RR	Y	Restrooms	Compact Fluorescent	1	CFL Ballast - CFL	2	84	0.168	1471.68	84	0.17	1471.68	Exclude existing Compact Fluorescent
Public Safety Compound	348	PATROL LOB	Y	Halls	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	349	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	8	59	0.472	4134.72	59	0.47	4134.72	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	350	HALL	Y	Halls	1X4 T8	2	Electronic - F32T8	3	59	0.177	1550.52	59	0.18	1550.52	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	351	OFFICE	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	6	82	0.492	4309.92	82	0.49	4309.92	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	352	SGT. OFF.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	353	LT. OFF.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	354	LT. OFF.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	355	CLOSET	Y	Storage	Compact Fluorecent	2	CFL Ballast - CFL	1	36	0.036	315.36	36	0.04	315.36	Exclude existing Compact Fluorescent fixture

Public Safety Compound	356	OFFICE	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	357	OFFICE	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	358	CPT.JOHNSEN	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	359	CPT.JOHNSEN	Y	Admin / Office	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	360	OFF.MCC	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	361	SH. HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	4	59	0.236	2067.36	59	0.24	2067.36	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	362	LT. OFF.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	363	LT. OFF.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	364	OBS RM-1	Y	Admin / Office	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	365	OBS RM-2	Y	Admin / Office	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	366	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	3	59	0.177	1550.52	59	0.18	1550.52	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	367	OFC.MUNT.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	368	OFC. ASK.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	369	OFC.HILTON	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	370	BRK.RM	Y	Multipurpose	2X2 T8	2	Electronic - FBO32T8U/841/ECO	6	59	0.354	3101.04	59	0.35	3101.04	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	371	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	12	59	0.708	6202.08	59	0.71	6202.08	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	373	CLOSET	Y	Storage	Incandescent	1	Incandescent	1	100	0.1	876.00	100	0.10	876.00	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Public Safety Compound	374	PRO.&EVID.	Y	Admin / Office	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	375	OFC.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	4	82	0.328	2873.28	82	0.33	2873.28	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	376	EVIDENCE	Y	Admin / Office	1X4 T8	2	Electronic - F32T8	12	59	0.708	6202.08	59	0.71	6202.08	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	377	VAULT	N	Storage	2X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	378	STORE 1	Y	Storage	2X4 T8	4	Electronic - F32T8	1	112	0.112	981.12	112	0.11	981.12	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	379	STORE 2	Y	Storage	2X4 T8	3	Electronic - F32T8	1	82	0.082	718.32	82	0.08	718.32	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	380	M/W RR	Y	Restrooms	2X4 T8	3	Electronic - F32T8	1	82	0.082	718.32	82	0.08	718.32	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	381	PROCESSNG	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	6	82	0.492	4309.92	82	0.49	4309.92	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	382	LAB	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	6	82	0.492	4309.92	82	0.49	4309.92	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	383	VEST.	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	6	59	0.354	3101.04	59	0.35	3101.04	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	384	HLD.CELLS	Y	Admin / Office	1X4 Tamper	4	ES Magnetic - F40T12S	9	138	1.242	10879.92	138	1.24	10879.92	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Safety Compound	385	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	4	59	0.236	2067.36	59	0.24	2067.36	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit

Public Safety Compound	386	PROCESS	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	387	PROCESS	Y	Admin / Office	2X2 T8	2	Electronic - FBO32T8U/841/ECO	1	59	0.059	516.84	59	0.06	516.84	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	388	BOOKING	Y	Admin / Office	2X2 T8	2	Electronic - FBO32T8U/841/ECO	3	59	0.177	1550.52	59	0.18	1550.52	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	389	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	390	SWAT	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	4	82	0.328	2873.28	82	0.33	2873.28	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	391	R/R	Y	Restrooms	1X4 Tamper	4	ES Magnetic - F40T12S	1	138	0.138	1208.88	138	0.14	1208.88	Retrofit 1x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Safety Compound	392	MAIN HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	4	59	0.236	2067.36	59	0.24	2067.36	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	393	HAZ. STORE	Y	Storage	1X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	394	SALLY PORT	N	Open Area	1X4 T8	2	Electronic - F32T8	18	59	1.062	9303.12	59	1.06	9303.12	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	395	HALL/STORG	Y	Halls	1X4 T8	2	Electronic - F32T8	7	59	0.413	3617.88	59	0.41	3617.88	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	396	MECH	N	Elec / Mech	1X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	397	STORE	Y	Storage	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	398	GARAGE	N	Open Area	1X4 T8	2	Electronic - F32T8	12	59	0.708	6202.08	59	0.71	6202.08	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	399	STORE	Y	Storage	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	400	VEH.EVIDEN.	Y	Admin / Office	1X4 T8	2	Electronic - F32T8	10	59	0.59	5168.40	59	0.59	5168.40	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	401	SPED.VEH	Y	Open Area	1X4 T8	2	Electronic - F32T8	10	59	0.59	5168.40	59	0.59	5168.40	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	402	STORE	Y	Storage	Compact Fluorescent	1	CFL Ballast - CFL	2	84	0.168	1471.68	84	0.17	1471.68	Exclude existing Compact Fluorescent
Public Safety Compound	403	STORE	Y	Storage	Compact Fluorescent	1	CFL Ballast - CFL	2	84	0.168	1471.68	84	0.17	1471.68	Exclude existing Compact Fluorescent
Public Safety Compound	404	ARMORY	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	405	ARMORY	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	4	82	0.328	2873.28	82	0.33	2873.28	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	406	AMMO	Y	Storage	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	407	BRIEF.RM	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	10	59	0.59	5168.40	59	0.59	5168.40	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	408	POST BRIEF	Y	Admin / Office	1X4 T8	2	Electronic - F32T8	8	59	0.472	4134.72	59	0.47	4134.72	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	409	REPRT.WRIT	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	1	82	0.082	718.32	82	0.08	718.32	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	410	W.LOCKERS	Y	Multipurpose	2X2 T8	2	Electronic - FBO32T8U/841/ECO	1	59	0.059	516.84	59	0.06	516.84	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	411	W.LOCKERS	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	3	59	0.177	1550.52	59	0.18	1550.52	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	412	W. R/R	Y	Restrooms	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	413	W. R/R	Y	Restrooms	2X2 T8	2	Electronic - FBO32T8U/841/ECO	3	59	0.177	1550.52	59	0.18	1550.52	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	414	PHY. RM	Y	Admin / Office	1X4 T8	2	Electronic - F32T8	24	59	1.416	12404.16	59	1.42	12404.16	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast

Public Safety Compound	415	MENS HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	416	MENS RR	Y	Restrooms	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	417	MENS RR	Y	Restrooms	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	418	M.LOCKERS	Y	Multipurpose	Compact Fluorecent	2	CFL Ballast - CFL	3	36	0.108	946.08	36	0.11	946.08	Exclude existing Compact Fluorescent fixture
Public Safety Compound	419	M.LOCKERS	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	9	59	0.531	4651.56	59	0.53	4651.56	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	420	M.LOCKERS	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	421	ELEV. RM	N	Elec / Mech	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	422	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	4	59	0.236	2067.36	59	0.24	2067.36	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	423	STR.CLOSET	Y	Storage	1X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	424	STAIRWELLB	Y	Halls	Compact Fluorecent	1	CFL Ballast - CFL	5	26	0.13	1138.80	26	0.13	1138.80	Exclude existing Compact Fluorescent fixtures
Public Safety Compound	425	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	15	59	0.885	7752.60	59	0.89	7752.60	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	426	JAN.CLOSET	Y	Storage	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	427	JAN.CLOSET	Y	Storage	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	428	R STAIRWELL	Y	Halls	1X4 T8	2	Electronic - F32T8	4	59	0.236	2067.36	59	0.24	2067.36	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	429	I.F.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	430	OFC. 1	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	1	82	0.082	213.79	82	0.08	213.79	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	431	OFC. 2	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	1	82	0.082	213.79	82	0.08	213.79	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	432	ADMIN.LOB	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	433	ADMIN.LOB	Y	Halls	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	434	LIBRARY	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	435	DEP.CHIEF	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	436	DEP.CHIEF	Y	Admin / Office	Compact Fluorecent	2	CFL Ballast - CFL	4	52	0.208	542.29	52	0.21	542.29	Exclude existing Compact Fluorescent fixture
Public Safety Compound	437	CLOSET	Y	Storage	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	438	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	10	59	0.59	1538.21	59	0.59	1538.21	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	439	OFC/ST	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	440	COPY RM	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	441	CONF. RM	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	442	CONF. RM	Y	Multipurpose	Compact Fluorecent	2	CFL Ballast - CFL	8	36	0.288	750.86	36	0.29	750.86	Exclude existing Compact Fluorescent fixture
Public Safety Compound	443	ADMIN.OFC.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast

Public Safety Compound	444	R/R	Y	Restrooms	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	445	BREAK RM	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	446	BREAK RM	Y	Multipurpose	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	447	OUTSIDE RM	Y	Storage	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	448	CHIEFS OFC.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	6	82	0.492	1282.71	82	0.49	1282.71	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	449	SPECIAL CNF	Y	Admin / Office	Compact Fluorecent	2	CFL Ballast - CFL	8	36	0.288	750.86	36	0.29	750.86	Exclude existing Compact Fluorescent fixture
Public Safety Compound	450	SPECIAL CNF	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	451	OFC. SGT.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	452	OPEN	Y	Open Area	2X4 T8	3	Electronic - F32T8	8	82	0.656	1710.29	82	0.66	1710.29	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	453	OFC. 1	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	1	82	0.082	213.79	82	0.08	213.79	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	454	OFC. 2	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	455	CUS	Y	Storage	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	456	OFC. 3	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	1	82	0.082	213.79	82	0.08	213.79	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	457	CONF. RM	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	3	82	0.246	641.36	82	0.25	641.36	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	458	CONF. RM	Y	Multipurpose	Incandescent	1	Incandescent	8	150	1.2	3128.57	150	1.20	3128.57	Replace recessed can with LED LR6 Unit
Public Safety Compound	459	TELE. RM	N	Elec / Mech	Incandescent	1	Incandescent	1	100	0.1	260.71	100	0.10	260.71	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Public Safety Compound	460	CRIMINAL IN	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	3	82	0.246	641.36	82	0.25	641.36	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	461	CRIMINAL IN	Y	Admin / Office	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	462	OPEN	Y	Open Area	1X4 T8	2	Electronic - F32T8	17	59	1.003	2614.96	59	1.00	2614.96	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	463	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	7	59	0.413	3617.88	59	0.41	3617.88	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	464	OFC. 1	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	465	OFC. 2	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	466	SUPPLY	Y	Storage	1X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	467	INTERVIEW R	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	468	OFC. 3	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	469	EQUIP.RM	Y	Storage	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	470	R/R	Y	Restrooms	1X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	471	HALL	Y	Halls	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	472	INTERVIEW R	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	1	82	0.082	213.79	82	0.08	213.79	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast

Public Safety Compound	473	INTERVIEW R	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	1	82	0.082	213.79	82	0.08	213.79	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	474	XIMGING	Y	Storage	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	475	OFC. FBI	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	1	82	0.082	213.79	82	0.08	213.79	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	476	A.F.I.S.	Y	Admin / Office	2X2 T8	2	Electronic - FBO32T8U/841/ECO	3	59	0.177	461.46	59	0.18	461.46	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	477	JUV. RM	Y	Open Area	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	478	CLOSET/OFC	Y	Storage	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	479	A.F.I.S.	Y	Admin / Office	2X4 Rec. Acrylic	3	ES Magnetic - F40T12S	2	103	0.206	537.07	103	0.21	537.07	Retrofit 2x4 fixture with (4) T8 lamps and LP Elec. Ballast
Public Safety Compound	480	STORAGE	Y	Storage	2X4 T8	3	Electronic - F32T8	1	82	0.082	213.79	82	0.08	213.79	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	481	OFC	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	482	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	12	59	0.708	6202.08	59	0.71	6202.08	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	483	SUP./STORG	Y	Storage	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	484	COMM. HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	4	59	0.236	615.29	59	0.24	615.29	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	485	CAMERA	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	486	OFC-A	Y	Admin / Office	1X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	487	CAPT.OFC.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	488	CONF. RM	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	489	OFC-B	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	490	OPEN	Y	Open Area	2X4 T8	3	Electronic - F32T8	9	82	0.738	1924.07	82	0.74	1924.07	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	491	COMP.RM	Y	Admin / Office	1X4 T8	2	Electronic - F32T8	4	59	0.236	615.29	59	0.24	615.29	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	492	CLOSET	Y	Storage	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	493	MENS RR	Y	Restrooms	Compact Fluorecent	2	CFL Ballast - CFL	5	36	0.18	1576.80	36	0.18	1576.80	Exclude existing Compact Fluorescent fixture
Public Safety Compound	494	MENS RR	Y	Restrooms	Compact Fluorecent	2	CFL Ballast - CFL	1	52	0.052	455.52	52	0.05	455.52	Exclude existing Compact Fluorescent fixture
Public Safety Compound	495	MENS RR	Y	Restrooms	1X4 T8	2	Electronic - F32T8	4	59	0.236	2067.36	59	0.24	2067.36	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	496	WOMEN RR	Y	Restrooms	1X4 T8	2	Electronic - F32T8	4	59	0.236	2067.36	59	0.24	2067.36	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	497	WOMEN RR	Y	Restrooms	Compact Fluorecent	2	CFL Ballast - CFL	4	36	0.144	1261.44	36	0.14	1261.44	Exclude existing Compact Fluorescent fixture
Public Safety Compound	498	STORAGE	Y	Storage	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	499	HVAC	N	Elec / Mech	1X4 T8	2	Electronic - F32T8	5	59	0.295	769.11	59	0.30	769.11	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	500	ELEC	N	Elec / Mech	1X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	501	CLASSRW/M	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	12	82	0.984	2565.43	82	0.98	2565.43	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast

Public Safety Compound	502	2 CLOSETS	Y	Storage	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	503	KITCHENETT	Y	Multipurpose	2X2 T8	2	Electronic - FBO32T8U/841/ECO	4	59	0.236	615.29	59	0.24	615.29	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	504	OFC.SIDE	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	427.57	82	0.16	427.57	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	505	STORAGE	Y	Storage	2X4 T8	3	Electronic - F32T8	4	82	0.328	855.14	82	0.33	855.14	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	506	COMM.CTR.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	8	82	0.656	1710.29	82	0.66	1710.29	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	507	MENS RR	Y	Restrooms	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	508	WOMEN RR	Y	Restrooms	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	509	SERVER	Y	Elec / Mech	1X4 T8	2	Electronic - F32T8	1	59	0.059	153.82	59	0.06	153.82	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	510	ELEC.RM	N	Elec / Mech	1X4 T8	2	Electronic - F32T8	3	59	0.177	461.46	59	0.18	461.46	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	511	OPEN COMM	Y	Open Area	Fluorescent	6	T5 Electronic - T5HO	12	324	3.888	10136.57	324	3.89	10136.57	Exclude existing T5 High Bay fixture
Public Safety Compound	512	DISPATCH	Y	Open Area	Fluorescent	6	T5 Electronic - T5HO	12	324	3.888	10136.57	324	3.89	10136.57	Exclude existing T5 High Bay fixture
Public Safety Compound	513	OFC.	Y	Admin / Office	2X4 T8	2	Electronic - F32T8	2	59	0.118	307.64	59	0.12	307.64	Retrofit 2x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	514	BREAK	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	3	82	0.246	2154.96	82	0.25	2154.96	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	515	BREAK	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	516	ID COMM.RM	Y	Open Area	Incandescent	1	Incandescent	16	150	2.4	6257.14	150	2.40	6257.14	Replace recessed can with LED LR6 Unit
Public Safety Compound	517	ID COMM.RM	Y	Open Area	Incandescent	2	Incandescent	9	240	2.16	5631.43	240	2.16	5631.43	Exclude existing Decorative Incandescent fixture
Public Safety Compound	518	CLOSET	Y	Storage	Incandescent	1	Incandescent	2	75	0.15	391.07	75	0.15	391.07	Replace recessed can with LED LR6 Unit
Public Safety Compound	519	HALL	Y	Halls	Compact Fluorecent	1	CFL Ballast - CFL	5	26	0.13	1138.80	26	0.13	1138.80	Exclude existing Compact Fluorescent fixtures
Public Safety Compound	520	WOMEN RR	Y	Restrooms	1X4 Wall Bracket	2	ES Magnetic - F40T12S	4	69	0.276	2417.76	69	0.28	2417.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	521	WOMEN RR	Y	Restrooms	Compact Fluorecent	2	CFL Ballast - CFL	2	52	0.104	911.04	52	0.10	911.04	Exclude existing Compact Fluorescent fixture
Public Safety Compound	522	MENS RR	Y	Restrooms	1X4 Wall Bracket	2	ES Magnetic - F40T12S	4	69	0.276	2417.76	69	0.28	2417.76	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	523	MENS RR	Y	Restrooms	Compact Fluorecent	2	CFL Ballast - CFL	2	52	0.104	911.04	52	0.10	911.04	Exclude existing Compact Fluorescent fixture
Public Safety Compound	524	LOBBY	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	9	59	0.531	4651.56	59	0.53	4651.56	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	525	STAIRWELL	Y	Halls	1X4 T8	2	Electronic - F32T8	6	59	0.354	3101.04	59	0.35	3101.04	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	526	OFC.BARRON	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	527	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	6	59	0.354	3101.04	59	0.35	3101.04	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	528	OFC.WHITE	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	529	OFC.WHITE	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	530	OFC.TAC	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast

Public Safety Compound	531	OFC.MELLS	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	532	FIRE INSP.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	9	82	0.738	2693.70	82	0.74	2693.70	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	533	STORAGE	Y	Storage	1X4 T8	2	Electronic - F32T8	2	59	0.118	430.70	59	0.12	430.70	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	534	HVAC	N	Elec / Mech	1X4 T8	2	Electronic - F32T8	3	59	0.177	646.05	59	0.18	646.05	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	535	CONF. RM	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	536	PUB ED Storage	Y	Storage	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	537	OFC. SCOTT	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	538	OFC.BUILDOUT	Y	Admin / Office	1X4 T8	2	Electronic - F32T8	1	59	0.059	215.35	59	0.06	215.35	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	539	WOMEN RR	Y	Restrooms	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	540	HVAC	N	Elec / Mech	1X4 T8	2	Electronic - F32T8	1	59	0.059	215.35	59	0.06	215.35	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	541	EMS STRG	Y	Storage	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	542	CLOTHES ST	Y	Storage	2X4 T8	3	Electronic - F32T8	3	82	0.246	897.90	82	0.25	897.90	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	543	FITNESS RM	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	11	82	0.902	3292.30	82	0.90	3292.30	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	544	R/R	Y	Restrooms	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	545	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	1	59	0.059	516.84	59	0.06	516.84	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	546	STAIRWELL	Y	Halls	1X4 T8	2	Electronic - F32T8	6	59	0.354	3101.04	59	0.35	3101.04	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	547	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	8	59	0.472	4134.72	59	0.47	4134.72	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	548	OFC.WALSH	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	549	OFC.ADAMS	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	550	OFC.DILLARD	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	551	OFC.TIM	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	552	OFC.PAT	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	553	OFC.PAT	Y	Admin / Office	Compact Fluorescent	2	CFL Ballast - CFL	2	52	0.104	379.60	52	0.10	379.60	Exclude existing Compact Fluorescent fixture
Public Safety Compound	554	CONF. RM	Y	Multipurpose	2X2 T8	2	Electronic - FBO32T8U/841/ECO	3	59	0.177	646.05	59	0.18	646.05	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	555	SIDE OFC.	Y	Admin / Office	Compact Fluorescent	1	CFL Ballast - CFL	4	84	0.336	1226.40	84	0.34	1226.40	Exclude existing Compact Fluorescent
Public Safety Compound	556	OFC.DEAN	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	557	SUPPLY RM	Y	Storage	2X4 T8	3	Electronic - F32T8	4	82	0.328	1197.20	82	0.33	1197.20	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	558	EMS SUPV	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	4	82	0.328	1197.20	82	0.33	1197.20	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	559	SIDE OFC.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast

Public Safety Compound	560	RR	Y	Restrooms	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	561	RR	Y	Restrooms	Compact Fluorecent	1	CFL Ballast - CFL	1	18	0.018	157.68	18	0.02	157.68	Exclude existing Compact Fluorescent
Public Safety Compound	562	RR	Y	Elec / Mech	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	563	OFC.	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	4	82	0.328	1197.20	82	0.33	1197.20	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	564	OFC.	Y	Admin / Office	1X4 T8	2	Electronic - F32T8	2	59	0.118	430.70	59	0.12	430.70	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	565	TRAINING	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	16	82	1.312	4788.80	82	1.31	4788.80	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	566	CTR. HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	5	59	0.295	2584.20	59	0.30	2584.20	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	567	BREAK RM	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	568	COPY RM	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	2	82	0.164	598.60	82	0.16	598.60	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	569	LOBBY R/R	Y	Restrooms	Compact Fluorecent	2	CFL Ballast - CFL	2	52	0.104	911.04	52	0.10	911.04	Exclude existing Compact Fluorescent fixture
Public Safety Compound	570	LOBBY R/R	Y	Restrooms	1X4 T8	2	Electronic - F32T8	3	59	0.177	1550.52	59	0.18	1550.52	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	571	WOMEN RR	Y	Restrooms	1X4 T8	2	Electronic - F32T8	3	59	0.177	1550.52	59	0.18	1550.52	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	572	WOMEN RR	Y	Restrooms	Compact Fluorecent	2	CFL Ballast - CFL	2	52	0.104	911.04	52	0.10	911.04	Exclude existing Compact Fluorescent fixture
Public Safety Compound	573	CLOSET	Y	Storage	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	574	FD HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	5	59	0.295	2584.20	59	0.30	2584.20	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	575	FAX CLOSET	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	576	OPEN	Y	Open Area	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	577	SIDE OFC 1	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	2	82	0.164	1436.64	82	0.16	1436.64	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	578	OFC. 2	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	4	82	0.328	2873.28	82	0.33	2873.28	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	579	OFC. 3	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	4	82	0.328	2873.28	82	0.33	2873.28	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	580	OFC. 4	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	4	82	0.328	2873.28	82	0.33	2873.28	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	581	JANITOR	Y	Storage	2X2 T8	2	Electronic - FBO32T8U/841/ECO	1	59	0.059	516.84	59	0.06	516.84	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	582	BEDROOM 1	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	583	BEDROOM 2	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	584	BEDROOM 3	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	585	R/R	Y	Restrooms	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	586	R/R	Y	Restrooms	Compact Fluorecent	1	CFL Ballast - CFL	1	26	0.026	227.76	26	0.03	227.76	Exclude existing Compact Fluorescent fixtures
Public Safety Compound	587	BEDROOM 4	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	588	R/R	Y	Restrooms	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast

Public Safety Compound	589	R/R	Y	Restrooms	Compact Fluorecent	1	CFL Ballast - CFL	1	26	0.026	227.76	26	0.03	227.76	Exclude existing Compact Fluorescent fixtures
Public Safety Compound	590	BEDROOM 5	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	591	BEDROOM 6	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	592	R/R	Y	Restrooms	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	593	R/R	Y	Restrooms	Compact Fluorecent	1	CFL Ballast - CFL	1	26	0.026	227.76	26	0.03	227.76	Exclude existing Compact Fluorescent fixtures
Public Safety Compound	594	BEDROOM 7	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	595	CREW RM	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	12	82	0.984	8619.84	82	0.98	8619.84	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	596	COMP.RM	Y	Admin / Office	2X4 T8	3	Electronic - F32T8	1	82	0.082	718.32	82	0.08	718.32	Retrofit 2x4 fixture with (3) T8 lamps and LP Elec. Ballast
Public Safety Compound	597	KITCHEN	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	6	82	0.492	4309.92	82	0.49	4309.92	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	598	DINING	Y	Multipurpose	2X4 T8	3	Electronic - F32T8	3	82	0.246	2154.96	82	0.25	2154.96	Retrofit 2x4 fixture with (2) T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	599	CLOSET 3	Y	Storage	Compact Fluorecent	1	CFL Ballast - CFL	3	26	0.078	683.28	26	0.08	683.28	Exclude existing Compact Fluorescent fixtures
Public Safety Compound	600	STOVE	Y	Multipurpose	Incandescent	1	Incandescent	2	100	0.2	1752.00	100	0.20	1752.00	Relamp Incandescent fixture with (1) 23 Compact Fluorescent Spiral
Public Safety Compound	601	BEDRM 10	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	602	BEDRM 12	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	603	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	604	BEDRM 11	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	605	BEDRM 10	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	606	BEDRM 9	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	607	R/R	Y	Restrooms	1X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	608	R/R	Y	Restrooms	Compact Fluorecent	1	CFL Ballast - CFL	2	26	0.052	455.52	26	0.05	455.52	Exclude existing Compact Fluorescent fixtures
Public Safety Compound	609	BEDRM 8	Y	Multipurpose	1X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	610	HALL	Y	Halls	2X2 T8	2	Electronic - FBO32T8U/841/ECO	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 2x2 fixture with (2) F17T8 lamps, Elec. Ballast and Reflector Kit
Public Safety Compound	611	CLOSETS	Y	Storage	Compact Fluorecent	1	CFL Ballast - CFL	3	18	0.054	473.04	18	0.05	473.04	Exclude existing Compact Fluorescent
Public Safety Compound	612	OPEN FIRE D	Y	Open Area	1X4 T8	2	Electronic - F32T8	10	59	0.59	5168.40	59	0.59	5168.40	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	613	OPEN FIRE D	Y	Open Area	1X4 T8	2	Electronic - F32T8	90	59	5.31	46515.60	59	5.31	46515.60	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	614	EQUIP	Y	Storage	1X4 T8	2	Electronic - F32T8	10	59	0.59	5168.40	59	0.59	5168.40	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	615	DECAM RM	Y	Admin / Office	1X4 T8	2	Electronic - F32T8	4	59	0.236	2067.36	59	0.24	2067.36	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	616	MAINT.SUPPLY	Y	Storage	1X4 T8	2	Electronic - F32T8	3	59	0.177	1550.52	59	0.18	1550.52	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	617	SIDE EQUIP	Y	Storage	1X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast

Public Safety Compound	618	EMS SUPPLY	Y	Storage	1X4 T8	2	Electronic - F32T8	6	59	0.354	3101.04	59	0.35	3101.04	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	619	HALL	Y	Halls	1X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	620	COMPRESSR	N	Elec / Mech	1X4 T8	2	Electronic - F32T8	2	59	0.118	1033.68	59	0.12	1033.68	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	621	SCBA	Y	Elec / Mech	1X4 T8	2	Electronic - F32T8	4	59	0.236	2067.36	59	0.24	2067.36	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	622	HOTWT. RM	N	Elec / Mech	1X4 T8	2	Electronic - F32T8	1	59	0.059	516.84	59	0.06	516.84	Retrofit 1x4 fixture with (2) T8 lamps and LP Elec. Ballast
Public Safety Compound	623	EVID. BLDG	Y	Open Area	1X8 T8 4'	4	Electronic - F32T8	3	112	0.336	1226.40	112	0.34	1226.40	Retrofit 1x8 fixture with (4) T8 lamps and LP Elec. Ballast
Public Safety Compound	624	FR. LOBBY	Y	Halls	Compact Fluorecent	1	CFL Ballast - CFL	13	26	0.338	1233.70	26	0.34	1233.70	Exclude existing Compact Fluorescent fixtures
Public Safety Compound	625	FR. LOBBY	Y	Halls	Incandescent	2	Incandescent	1	240	0.24	876.00	240	0.24	876.00	Exclude existing Decorative Incandescent fixture
Public Safety Compound	626	Showcase	N	Halls	1X2 Strip	2	ES Magnetic - F20T12	2	42	0.084	306.60	42	0.08	306.60	Retrofit 1x2 fixture with (2) F17T8 lamps and Elec. Ballast
Public Safety Compound	627	Front Lobby	Y	Halls	HID Metal Halide	1	HID Magnetic - HID	6	288	1.728	6307.20	288	1.73	6307.20	Exclude existing HID fixture
Public Safety Compound	628	Front Lobby	Y	Halls	Incandescent	1	Incandescent	4	60	0.24	876.00	60	0.24	876.00	Relamp Incandescent fixture with (1) 14w Compact Fluorescent Spiral
Public Safety Compound	629	CANOPY	Y	Exterior	HID Metal Halide	1	HID Magnetic - HID	16	95	1.52	6657.60	95	1.52	6657.60	Exclude existing HID fixture
Public Safety Compound	630	Deco Pole	N	Exterior	HID HPS	1	HID Magnetic - HID	14	185	2.59	11344.20	185	2.59	11344.20	Exclude existing HID fixture

Appendix D

Water Audit Report – Existing Fixtures

Project	Facility	Building Name	Floor	Room Type	Existing Fixt.	Quantity
091215-TR	CITY HALL	MAIN	WEST WING/1ST HALLWAY	MRR	ASF	1
091215-TR	CITY HALL	MAIN	WEST WING/1ST HALLWAY	MRR	8F	1
091215-TR	CITY HALL	MAIN	WEST WING/1ST HALLWAY	MRR	ZV75	2
091215-TR	CITY HALL	MAIN	WEST WING/1ST HALLWAY	MRR	FH-ZV-16	1
091215-TR	CITY HALL	MAIN	WEST WING/1ST HALLWAY	WRR	F-ZV	1
091215-TR	CITY HALL	MAIN	WEST WING/1ST HALLWAY	WRR	FH-ZV-16	1
091215-TR	CITY HALL	MAIN	WEST WING/1ST HALLWAY	WRR	ASF	2
091215-TR	CITY HALL	MAIN	WEST WING/2ND	MRR	ASF	2
091215-TR	CITY HALL	MAIN	WEST WING/2ND	MRR	SV75-SENS	1
091215-TR	CITY HALL	MAIN	WEST WING/2ND	MRR	FH-ZV-16	1
091215-TR	CITY HALL	MAIN	WEST WING/2ND	WRR	FH-S-16	1
091215-TR	CITY HALL	MAIN	WEST WING/2ND	WRR	ASF	1
091215-TR	CITY HALL	MAIN	BUILDING DEPT	MRR	ASF	2
091215-TR	CITY HALL	MAIN	BUILDING DEPT	MRR	ZV75	1
091215-TR	CITY HALL	MAIN	BUILDING DEPT	MRR	F-ZV-S	1
091215-TR	CITY HALL	MAIN	BUILDING DEPT	WRR	F-ZV	2
091215-TR	CITY HALL	MAIN	BUILDING DEPT	WRR	ASF	2
091215-TR	CITY HALL	MAIN	BUILDING DEPT	STAFF LOUNGE	3F	1
091215-TR	CITY HALL	MAIN	EAST WING/1ST	KITCHENETTE	GF	1
091215-TR	CITY HALL	MAIN	EAST WING/1ST	MRR	ASF	2
091215-TR	CITY HALL	MAIN	EAST WING/1ST	MRR	ZV75	1
091215-TR	CITY HALL	MAIN	EAST WING/1ST	MRR	FH-ZV-16	1
091215-TR	CITY HALL	MAIN	EAST WING/1ST	MRR	HS25	1
091215-TR	CITY HALL	MAIN	EAST WING/1ST	WRR	ASF	1
091215-TR	CITY HALL	MAIN	EAST WING/1ST	WRR	HS25	1
091215-TR	CITY HALL	MAIN	EAST WING/1ST	WRR	FH-ZV-16	1
091215-TR	CITY HALL	MAIN	1ST FL/THRIFT S	KITCHENETTE	GF	1
091215-TR	CITY HALL	MAIN	EAST WING/2ND	WRR	5TB0	1
091215-TR	CITY HALL	MAIN	EAST WING/2ND	WRR	4F	1
091215-TR	CITY HALL	MAIN	EAST WING/2ND	MRR	ASF	1
091215-TR	CITY HALL	MAIN	EAST WING/2ND	MRR	ZV125	1
091215-TR	CITY HALL	MAIN	EAST WING/2ND	MRR	5TB0	1
091215-TR	CITY HALL	MAIN	EAST WING/2ND	KITCHEN	8F	1
091215-TR	CITY HALL	MAIN	EAST WING/2ND	DIRECTORS OFFICE	5T	1
091215-TR	CITY HALL	MAIN	EAST WING/2ND	DIRECTORS OFFICE	4F	1
091215-TR	LIBRARY	MAIN	3RD FL	MRR	SV75	2
091215-TR	LIBRARY	MAIN	3RD FL	MRR	3F	3
091215-TR	LIBRARY	MAIN	3RD FL	MRR	FH-SV-BO	1
091215-TR	LIBRARY	MAIN	3RD FL	MRR	F-SV-BO	1
091215-TR	LIBRARY	MAIN	3RD FL	WRR	F-SV-BO	2
091215-TR	LIBRARY	MAIN	3RD FL	WRR	3F	3
091215-TR	LIBRARY	MAIN	3RD FL	WRR	FH-SV	1
091215-TR	LIBRARY	MAIN	3RD FL	ART ROOM	3F	1
091215-TR	LIBRARY	MAIN	3RD FL	TECH SERVICES	3F	1
091215-TR	LIBRARY	MAIN	2ND FL	WRR	4F	1
091215-TR	LIBRARY	MAIN	2ND FL	WRR	FH-SV	1
091215-TR	LIBRARY	MAIN	2ND FL	MRR	4F	1
091215-TR	LIBRARY	MAIN	2ND FL	MRR	FH-SV	1
091215-TR	LIBRARY	MAIN	2ND FL	STAFF LOUNGE	3F	1
091215-TR	LIBRARY	MAIN	2ND FL	ADA RR	3F	1
091215-TR	LIBRARY	MAIN	2ND FL	ADA RR	FH-SV	1
091215-TR	LIBRARY	MAIN	1ST FL	WRR	4F	3
091215-TR	LIBRARY	MAIN	1ST FL	WRR	F-SV	2
091215-TR	LIBRARY	MAIN	1ST FL	WRR	FH-SV	1
091215-TR	LIBRARY	MAIN	1ST FL	MRR	4F	3
091215-TR	LIBRARY	MAIN	1ST FL	MRR	F-SV	1
091215-TR	LIBRARY	MAIN	1ST FL	MRR	FH-SV	1
091215-TR	LIBRARY	MAIN	1ST FL	MRR	SV125	1



city commission agenda item

item type	Consent Agenda	meeting date	May 23, 2011
prepared by department division	Clarissa Howard Communications Department	approved by	<input checked="" type="checkbox"/> City Manager <input type="checkbox"/> City Attorney <input type="checkbox"/> N/A
board approval	n/a	<input type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> N/A	final vote

subject

Adoption of revised city vision statement

motion | recommendation

Approval of revised city vision statement.

REVISED NEW STATEMENT:

"To be the best place to live, work and play in Florida for today's residents and future generations"

CURRENT STATEMENT:

"We aspire to be the best place to live, work and play in Central Florida by preserving a superior quality of life for today's residents and for future generations."

background

As discussed at the City Strategic Planning Session held on April 5, 2011, staff was directed to look at revising the city's current vision statement. The expressed changes at the session were to:

1. Alter the vision to be an active statement
2. Set the bar higher, not just limit to Central Florida
3. Shorten

alternatives | other considerations

1. Leave current vision statement as is.
2. Additional modifications.

fiscal impact

\$1,350 estimated total costs

\$1,000 to replace vision statement above the dais and above the elevator

\$300 reprinting new vision cards

\$50 reprinting new posters

long-term impact

strategic objective

Quality government services.



city commission agenda item

item type	Consent Agenda	meeting date	May 23, 2011
prepared by department division	Cindy Bonham, City Clerk City Clerk's office	approved by	<input checked="" type="checkbox"/> City Manager <input type="checkbox"/> City Attorney <input type="checkbox"/> N/A
board approval	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> N/A final vote		

subject

Resolution approval for unilateral enforcement of violations and infractions of municipal law approved on May 9, 2011 with edits by City Attorney

motion | recommendation

Motion to approve the resolution as approved on May 9, 2011 with edits by City Attorney.

background

This resolution was approved on May 9. The minutes were provided to City Attorney Brown who revised the resolution to be consistent with the amendments moved at that meeting, plus it puts the new language in a part of the resolution where it is better stated with the other substantive sections as opposed to putting the new language on at the end.

The extra language he included is intended to clarify the restrictions so that the resolution does not inadvertently purport to restrict personal viewpoints and communication that the Commission did not intend to prohibit. He has recommended this language. He suggested that this be approved as a consent agenda item so the entire commission can see the recommended language before it is executed by the Mayor and City Clerk.

alternatives | other considerations

N/A

fiscal impact

N/A

long-term impact

N/A

strategic objective

N/A

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF WINTER PARK, FLORIDA, RESOLVING THAT IT IS THE POLICY OF THE CITY OF WINTER PARK THAT CITIZEN MEMBERS OF BOARDS AND AUTHORITIES OF THE CITY OF WINTER PARK SHALL NOT HAVE THE RESPONSIBILITY OR AUTHORITY TO UNILATERALLY ENFORCE PERCEIVED MUNICIPAL CODE VIOLATIONS.

WHEREAS, it has come to the attention of the City Commission of the City of Winter Park that on occasion individual members of citizen boards, authorities, and advisory bodies of the City of Winter Park may take it upon themselves to individually enforce perceived infractions or violations of the Municipal Code; and

WHEREAS, the City has great concern that unilateral enforcement by citizen members may result in a disruption of the peace, and such unilateral action presents a risk of injury or municipal liability; and

WHEREAS, the City of Winter Park desires that Municipal Code violations and other infractions will be processed and handled through the appropriate professional practices and procedures established by the City for enforcement.

NOW, THEREFORE, be it resolved by the City Commission of the City of Winter Park, Florida as follows:

Section 1. The recitals set forth above are hereby adopted and incorporated herein by reference.

Section 2. It is the policy of Winter Park that individual members of any board or authority of the City of Winter Park shall not unilaterally enforce perceived Municipal Code violations, and individual members should not take any action to enforce Municipal Code violations other than reporting the perceived violations to the City Manager or appropriate professional staff.

Section 3. The authorities and boards of the City of Winter Park only have authority to act by majority vote of quorum present at a duly convened meeting of such authority or board, and under the circumstance that the meeting is duly noticed and is compliant with the requirements of Florida's Sunshine Law.

Section 4. Individual members of boards and authorities of the City of Winter Park do have the responsibility to engage in fact finding that is relevant to the position of such person as a member of a board or authority of the City of Winter Park, but fact finding or requests for information shall not include any effort to individually enforce the Municipal Code.

Section 5. Individual members of boards and authorities of the City of Winter Park are encouraged to report any perceived violation of the Municipal Code to Code Enforcement, law enforcement, or the City Manager, for their appropriate response, giving due regard to the discretion afforded local government with respect to the enforcement of law.

Section 6. Unless a board or authority of the City of Winter Park has voted to authorize such, no member or officer of any board or authority of the City of Winter Park shall use his or her title as a member or officer of such board or authority in written communication in a manner that suggests that the communication is an official communication of such board or authority of the City, signed by the member as a member or officer of such board or authority. Notwithstanding, so long as the member expressly states that he or she is making a private statement and is not speaking officially as an officer or member of a board or authority of the City of Winter Park, the individual may state that he or she is a member of such board or authority, and that his or her private observation is in part informed by experience he or she has had as a member of such board or authority.

Section 7. Unless a member of a board or authority of the City of Winter Park has received authority by vote of such board or authority, in written communication in which the member refers to the fact that he or she is a member of a board or authority of the City of Winter Park, the member shall include a statement to the effect that he or she is not speaking on behalf of such board or authority and that the statement is the personal viewpoint of the individual and is not an official statement of the City of Winter Park or of the board or authority of the City of Winter Park of which the person is a member.

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Section 8. All Resolutions or parts of Resolutions in conflict herewith are hereby repealed to the extent of such conflict.

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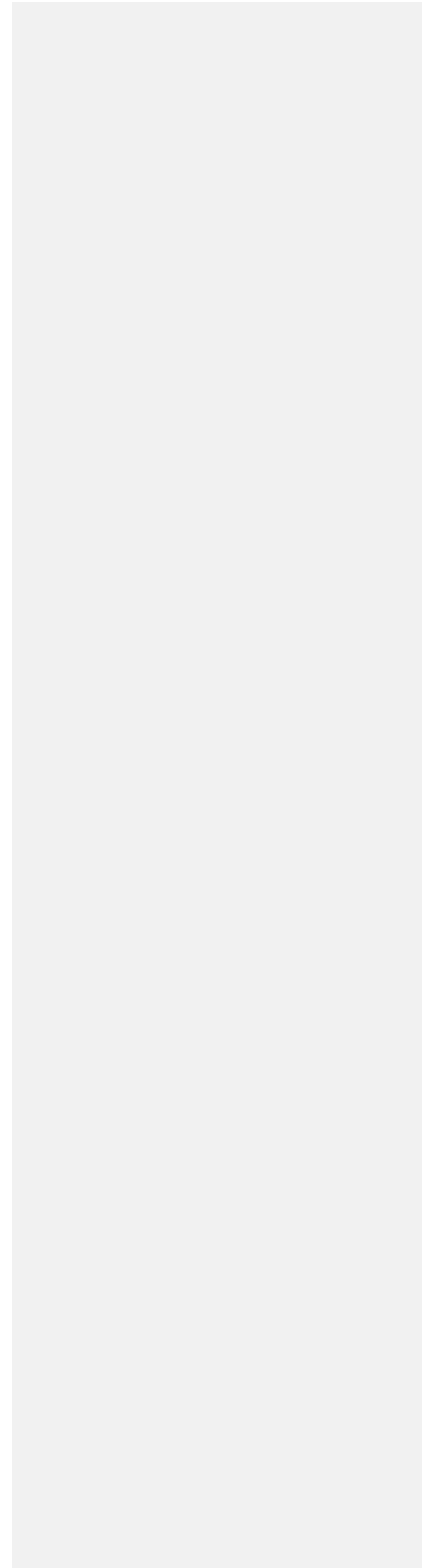
Section 97. If any clause, section, other part or application of this Resolution is held by any court of competent jurisdiction to be unconstitutional or invalid, in part or application, it shall not affect the validity of the remaining portions or application of this Resolution.

Section 108. This Resolution shall become effective immediately upon its passage and adoption.

ADOPTED at a regular meeting of the City Commission of the City of Winter Park, Florida, held at City Hall, Winter Park, Florida on the _____ day of _____, 2011.

Kenneth W. Bradley, Mayor

Attest: _____
Cynthia S. Bonham, City Clerk





city commission agenda item

item type	Action Item Requiring Discussion	meeting date	May 23, 2011
prepared by	Jeff Briggs	approved by	<input checked="" type="checkbox"/> City Manager
department	Planning Dept.		<input type="checkbox"/> City Attorney
division			<input type="checkbox"/> N/A
board approval		<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> N/A	final vote

Subject: Outdoor Advertising Agreement with Benjamin Partners Ltd. concerning Ravaudage

One of the key ingredients for the development of the Ravaudage project is the removal of the three existing outdoor advertising signs (billboards). The three existing billboards, which are all owned by Clear Channel Outdoor, are at 1531 Lee Road (next to Pack n Ship), 941 N. Orlando Avenue (at the corner of 17-92/Lee Road) and at 1121 N. Orlando Avenue (Tom & Jerry's). Benjamin Partners Ltd. (Dan Bellows) has negotiated an agreement with Clear Channel wherein they have agreed to remove those three existing billboards in return for the permission to erect a new digital billboard at 1621 Lee Road.

The new digital billboard will be of comparable size to the existing billboards which are 672 square feet in area and 50 feet in height, at the front property line. Generally speaking, new billboards are prohibited in the City of Winter Park. However, the City's sign ordinance (Sec. 58-138 (b) allows the City Commission to permit new billboards as necessary to fulfill the goals of the City which are defined as: to improve the aesthetic appeal of the City and to reduce the number of outdoor advertising signs (billboards).

Staff Recommendation:

Staff believes this is a good agreement though not a great agreement. The reason Clear Channel or CBS Outdoor volunteers to reduce billboards is that the revenue stream from a digital billboard with a message rotating every eight seconds is significantly more than a static billboard with one message up for 30-60 days. Other cities in Florida have reached agreements that are in the 3 to 7 range for billboards removed as compensation for a new digital.

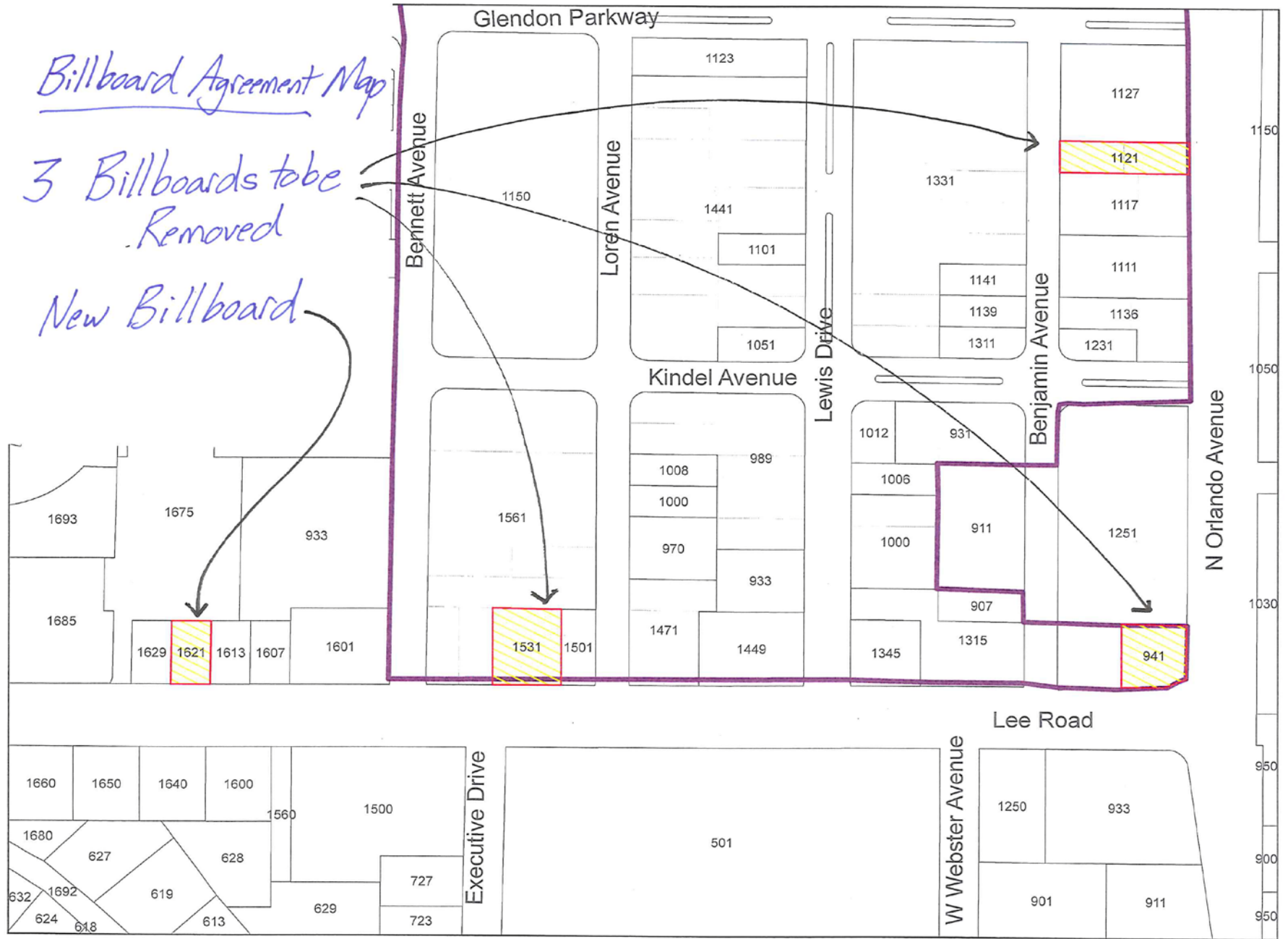
This is a good agreement because relocating the billboards clears a very important hurdle for the development of Ravaudage. That project and its annexation into Winter Park is likely to be the single biggest potential increase to our commercial tax base.

Staff recommends conceptual approval of the agreement with changes authorized by the City Attorney, as may be necessary.

Billboard Agreement Map

3 Billboards to be
Removed

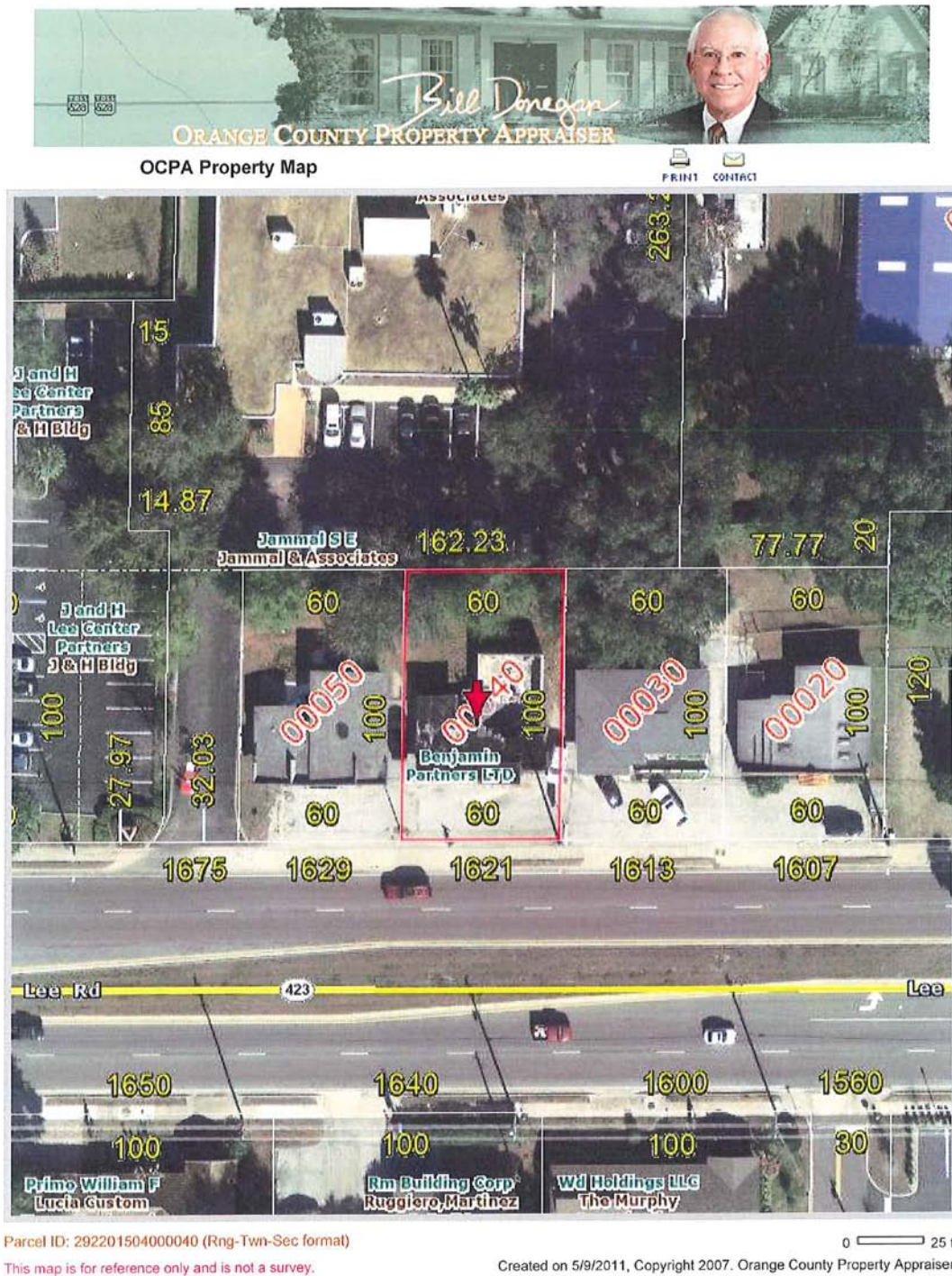
New Billboard



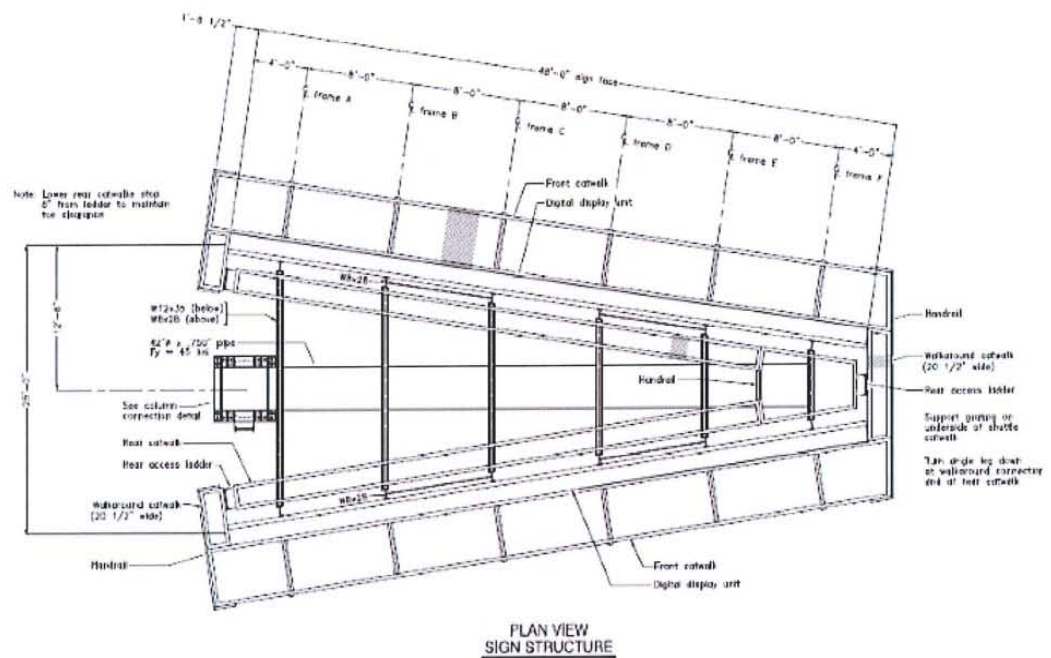
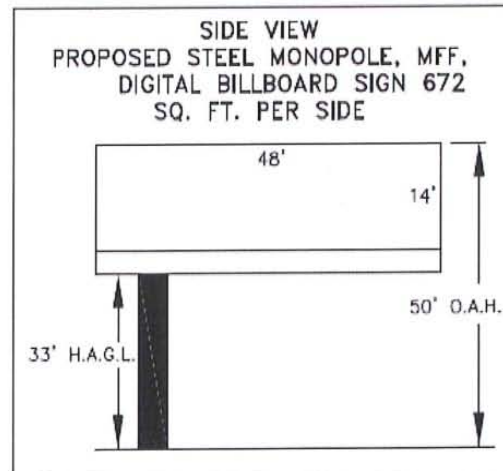
1621 LEE RD



292201504000040 03/26/2006



Clear Channel Outdoor
14' X 48' Billboard Elevation
1621 Lee Road Winter Park, FL



941 N ORLANDO AVE



292201371201050 03/04/2007

1531 LEE RD



292201371204030 03/02/2007

This document prepared by and return to:
Catherine D. Reischmann, Esq.
Brown, Garganese, Weiss & D'Agresta, P.A.
111 N. Orange Ave., Ste. 2000
Orlando, FL 32801

OUTDOOR ADVERTISING AGREEMENT

THIS OUTDOOR ADVERTISING AGREEMENT (the "Agreement") is made and entered into this _____ day of _____, 2011, by and between the **CITY OF WINTER PARK, FLORIDA**, a Florida municipal corporation (the "City"), whose address is 401 Park Avenue South, Winter Park, Florida 32789, **CLEAR CHANNEL OUTDOOR, INC.**, a Delaware corporation, ("Clear Channel"), whose address is 2201 East Camelback Road, Ste. 500, Phoenix, Arizona 85016 and whose local address is 5333 Old Winter Garden Road, Orlando, Florida 32811, and **BENJAMIN PARTNERS, LTD.**, a Florida limited partnership, ("BP"), whose address is P.O. Box 350, Winter Park, Florida 32789.

WHEREAS, City Code Section 58-138(b) provides that the City Commission is empowered to permit signs otherwise prohibited by the sign code via agreements as necessary to fulfill the goals of the City, to improve the aesthetic appeal of the City, and reduce the number of outdoor advertising signs; and

WHEREAS, Clear Channel desires to construct a new steel monopole outdoor advertising sign on BP's property on Lee Road with digital/changeable message sign technology, ("New Lee Road Sign"), and with an address of 1621 Lee Road, Winter Park, Florida 32789 (Property Appraiser Parcel # 01-22-29-5040-00-040), which is more particularly described on **Exhibit "A"** attached hereto and incorporated herein by this reference (hereinafter referred to as the "Lee Road Property"); and

WHEREAS, preservation of existing trees on the north/rear property line of 1621 and 1619 Lee Road is important for the visual screening of the New Lee Road Sign, such that a landscape/tree preservation easement is necessary both on the Lee Road property and the adjacent property with an address of 1629 Lee Road, Winter Park, Florida 32789 (Property Appraiser Parcel # 01-22-29-5040-00-050); and

WHEREAS, the City desires to improve the aesthetic appearance of the US 17-92 corridor as a gateway into Winter Park; and

WHEREAS, the City Commission finds that off-premises digital/changeable message signs (as defined in the City Sign Code) may be acceptable at certain limited locations within the City along Lee Road, located on properties appropriately zoned for commercial or industrial uses, appropriately setback from residential, historic, or other such uses, and otherwise constructed and operated within the regulatory standards established by state law, this Agreement, and the City Code, as amended from time to time, if said signs are improved or erected in exchange for the removal of billboards or digital/changeable message sign faces located elsewhere in the City; and

WHEREAS, Clear Channel has agreed, subject to its ability to obtain applicable permits, to remove the off-premises billboards as described on **Exhibit “B”** attached hereto and made a part hereof, provided that the City permits Clear Channel to construct the Lee Road billboard with digital/changeable message sign faces in accordance with this Agreement on BP’s Lee Road Property; and

WHEREAS, BP and Clear Channel desire to assist the City’s efforts provided that their economic interests are safeguarded.

NOW, THEREFORE, in consideration of the premises hereof and of the mutual covenants set forth herein, the parties hereby agree as follows:

1. ***RECITALS.*** The above recitals are true and correct and form a material part of this Agreement.

2. ***DEFINITIONS.***

(A) Digital/Changeable Message Sign: An outdoor advertising sign that incorporates within or upon one or more of its sign faces digital or other electronic changeable message technology, so that it allows advertising copy to be changed remotely rather than by changing the advertising copy on site with poster sheets or vinyl.

(B) FDOT: Florida Department of Transportation.

(C) New Lee Road Sign: As defined in Section 3.

(D) Old Signs: As defined in Section 3.

(E) Sign: An off-site sign.

(F) Sign Structure: The interrelated parts and materials, such as beach, poles, and stringers, which are construction for the purpose of supporting or displaying a message or informative contents.

(G) Sign Face: The part of the sign, including trim and background, which contains the message or informative contents.

(H) Effective Date: the effective date of this Agreement.

3. **LIMITED RIGHT TO INSTALL NEW LEE ROAD SIGN.** The City hereby agrees that Clear Channel may construct a new steel monopole outdoor advertising sign in accordance with the construction and performance standards described herein, if an appropriate application is filed. The outdoor advertising sign (hereafter referred to as the “New Lee Road Sign”) may be constructed on the Lee Road Property and must be constructed in accordance with this Agreement, industry standards, state regulations, and the building code, and will replace the existing outdoor advertising signs at 941 N. Orlando Avenue, 1531 Lee Road and 1121 N. Orlando Avenue as described in **Exhibit “B”** attached hereto (the “Old Signs”).

4. **REQUIRED REMOVAL OF OLD SIGNS.** Attached as **Exhibit “B”** is a list of sign faces and sign structures, by location, which the parties agree will be removed under the terms of this Agreement. Clear Channel represents and warrants that all of the sign structures listed in **Exhibit “B”** are owned by Clear Channel. The sign faces, sign structure and foundations shall be removed in the manner and upon the conditions set forth below:

(A) The signs shall be removed in accordance with the following schedule:

- i. Signs 1 and 2 at 941 N. Orlando Avenue and 1531 Lee Road listed on **Exhibit “B”** within thirty (30) days of the Effective Date; and
- ii. Sign 3 at 1121 N. Orlando Avenue listed on **Exhibit “B”** within three (3) years of the Effective Date.

(B) In order to be counted as a sign removed pursuant to this Agreement, the entire sign structure must be removed.

(C) Prior to removal of each sign structure, Clear Channel shall obtain a permit from the City of Winter Park or applicable jurisdiction of record. Clear Channel shall also furnish proof of removal of the sign structure in the form of photographs showing the sign locations before and after the structure is removed.

5. **REPAIR AND MAINTENANCE OF SIGN #3.** Clear Channel shall have the right to maintain and make repairs to Sign #3.

(A) That right shall be unlimited, except that no changes may be made to the sign’s height, size and type of construction except as otherwise provided or required in this Agreement.

(B) Clear Channel shall obtain required building permits prior to commencement of repairs.

(C) The sign shall be repaired to meet the requirements of the City Building Code at the time of repair.

(D) Repairs shall not include permanent relocating or moving any structural support

columns.

(E) Repairs must be made with the same type of materials as exist on the sign at the time the permit is requested; provided, however, no more than thirty-five percent (35%) of its structural support columns may be replaced in any one year.

6. ***NEW LEE ROAD SIGN CONSTRUCTION AND PERFORMANCE STANDARDS.***

The New Lee Road Sign shall be constructed in accordance with the following construction requirements and performance standard:

(A) Two back to back sign faces having dimensions of 672 square feet each, with copy area of 48 feet by 14 feet per face.

(B) The New Lee Road Sign shall not exceed an overall height of 50 feet from site grade.

(C) The New Lee Road Sign shall have a steel monopole support.

(D) The New Lee Road Sign shall be constructed with at least a 10 foot front setback from Lee Road to comply with City and FDOT requirements for Lee Road.

(E) The overall structure height of the New Lee Road Sign shall not exceed 50 feet above the crown of Lee Road.

(F) The New Lee Road Sign may be internally or externally illuminated.

(G) The New Lee Road Sign may be constructed, at Clear Channel's option, utilizing either static sign faces, or digital/changeable message sign faces, or a combination thereof.

(H) The New Lee Road Sign shall meet all FDOT outdoor advertising sign separation requirements.

(I) The minimum spacing between the New Lee Road Sign and another sign with faces visible from the same driving direction along the roadway is 1500 feet. The distance shall be measured from the nearest point of the sign as projected to the centerline of the roadway upon which the sign is intended to be viewed to the nearest point of the other sign as measured to its closest point as projected to the centerline along the same roadway.

(J) The digital/changeable message sign face shall not contain the following: (i) movement, or the appearance or optical illusion of movement, (ii) movement of any part of the sign structure, design, or pictorial segment of the sign, and (iii) the movement or the appearance of movement of any illumination or the flashing, scintillating or the varying of light intensity.

(K) The sign shall not be illuminated in such a manner so as to cause glare or to impair the vision of motorists or otherwise distract motorists so as to interfere with motorists' ability to safely operate their vehicles. The sign shall not be of such intensity or brilliance that it interferes with

the effectiveness of an official traffic sign, device or signal. Otherwise, the sign shall comply with the lighting requirements of the State of Florida, including Ch. 479, Florida Statutes, and Rule 14.10, Florida Administrative Code, certain of which provisions currently prohibit moving light.

(L) Lighting levels from the digital/changeable message sign face will not exceed 0.3 foot candles over ambient levels, as measured using a foot candle meter at a pre-set distance of 250 feet from the base of the sign structure. The measurement of the brightness level shall be taken with the meter aimed directly at the billboard sign face from the applicable pre set distance. As limited by the above standards, the sign shall not be brighter than is necessary for clear and adequate visibility. At the time of sign permit application, Clear Channel shall submit a certification to the Building Official that this standard has been satisfied. The digital/changeable message sign's operating system shall contain a light sensing device to adjust brightness as ambient light conditions change in order to insure that the message meets the brightness standards set forth in the preceding sentence.

(M) The digital/changeable message sign shall not scroll, contain copy that flashes or feature motion pictures.

(N) The "dwell time," defined as the interval of change between each individual message, shall be eight (8) seconds in duration; provided, however, Clear Channel may program dwell times greater than eight (8) seconds in its sole discretion. The dwell time shall not include the time required to change a message.

(O) The sign face must change instantaneously and imperceptibly.

(P) The digital/changeable message sign shall have a default mechanism or setting that will cause the digital/changeable message sign face to turn off or freeze in one position at a brightness no brighter than normal operation if a malfunction or failure (meaning any unintended interruption in message sequencing) occurs.

(Q) No embellishments or cutouts may be utilized on the sign.

7. **REMOVAL OR RELOCATION OF NEW LEE ROAD SIGN.** In the event that Clear Channel later desires to relocate the New Lee Road Sign from the initial location on which it is constructed, Clear Channel must obtain approval from the City; provided, however, the City agrees that any such approval by the City shall be reasonably granted

8. **LIMITED REBUILD RIGHT.** Clear Channel shall have the right to obtain a permit to rebuild the New Lee Road Sign if destroyed or removed for any reason, except as otherwise provided in this Agreement. Permits are valid for only two years. If the sign is rebuilt pursuant to this section, it must comply with all the requirements of the City Code.

9. ***APPLICATION FOR FLORIDA DEPARTMENT OF TRANSPORTATION PERMITS.*** The parties acknowledge that Clear Channel is required to obtain advertising permits from FDOT in order to construct and operate the New Lee Road Sign. Clear Channel shall, at Clear Channel's sole cost and expense, apply for all applicable outdoor advertising permits from FDOT required to remove the Old Signs and to construct the New Lee Road Sign. The City agrees to cooperate with Clear Channel's efforts to acquire or update any required FDOT Permits or City permits, including the completion of any forms required by FDOT for the issuance thereof.

10. ***ISSUANCE OF BUILDING PERMITS BY BUILDING OFFICIAL; COMPLIANCE WITH CITY CODES; CITY ISSUANCE OF PERMIT.*** The City shall issue all applicable permits for (i) the removal of the Old Signs, and (ii) the construction, illumination and operation of the New Lee Road Sign, if applications are in accordance with the City Code and this Agreement, upon payment of the normal fees currently charged by the City for issuance of such permits and the delivery to the City of the FDOT permits associated with each sign.

11. ***CONDEMNATION PROVISIONS.*** Should any governmental entity undertake any partial or total condemnation involving land, signs or other improvements owned by Clear Channel or BP, then Clear Channel and BP (or other applicable real property owner) shall each be entitled to the full compensation due to them as permitted by law (including Sections 479.15 and 479.24, Florida Statutes).

12. ***VISUAL ACCESS.*** The City agrees to abide by the law regarding the installation of vegetation within the public rights-of-way. The City may install vegetation and trees that do not block the sign faces.

13. ***ADDITIONAL CONDITIONS.***

(A) The City hereby allows Clear Channel to use alternative technologies for its digital/changeable message signs detailed in this Agreement, after Clear Channel provides the City with thirty (30) days written notice, and after Clear Channel acquires any applicable or required permits, so long as the sign continues to comply with the requirements of state law; City Code, both current, and as amended in the future; and this Agreement. The technology currently being deployed by Clear Channel for digital/changeable message sign faces is LED (light emitting diode); however, the parties agree that there may likely be alternate, preferred and superior technology available in the future. Clear Channel is under no obligation to use or continue to use LED technology in the course of this approval for the New Lee Road Sign.

(B) This Agreement shall not be deemed an approval for Clear Channel to apply for a permit for any new digital/changeable message sign except for the New Lee Road Sign.

14. ***DIGITAL/CHANGEABLE MESSAGE SIGN LIMITATIONS.*** Clear Channel owns and/or operates outdoor advertising signs in the City, including two outdoor advertising signs incorporating digital/changeable message sign faces which are located in the vicinity of I-4/Wymore Road and I-4/Fairbanks Avenue. The first sign is located on the western side of Wymore Road adjacent to I-4 on property more particularly described on the attached **Exhibit “C,”** incorporated herein by this reference (“Existing West Sign”), and the second sign is located on the eastern side of I-4 adjacent to Fairbanks Avenue on property more particularly described on the attached **Exhibit “D,”** incorporated herein by this reference (“Existing East Sign”). Clear Channel agrees that any digital/changeable message sign faces that are located on the Existing East Sign, the Existing West Sign, or any other outdoor advertising signs owned or operated by Clear Channel within the City now or in the future, shall be operated in accordance with the performance standards set forth in Section 6 above and City Code, as amended from time to time.

15. ***GRANT OF LANDSCAPE AND TREE PRESERVATION EASEMENT.*** In order to effectively provide a visual screen to nearby residential properties, for the New Lee Road Sign, it is deemed in the mutual best interests of all parties that BP voluntarily grants to the City a ten (10) foot wide landscape and tree preservation easement adjacent to the north property line of 1621 and 1629 Lee Road, in the form attached as **Exhibit “E”** (“Landscape and Maintenance Agreement”). Notwithstanding ordinances and regulations to the contrary, BP and their successors in title shall maintain and preserve the existing trees within this easement area and shall not be permitted to remove such trees without the express written permission of the City Commission of the City of Winter Park.

16. ***SPECIFIC PERFORMANCE; SOLE REMEDY.*** The parties hereto shall have the right to enforce the terms and conditions of this Agreement by an action for specific performance. The parties shall not have the right to sue for money damages.

17. ***ATTORNEYS’ FEES.*** In the event that any party finds it necessary to commence an action against one or both of the other parties to enforce any provision of this Agreement or because of a breach by such party or parties of any terms hereof, the prevailing party shall be entitled to recover from the non-prevailing party or parties its reasonable attorneys’ fees, legal assistants’ fees and costs incurred in connection therewith, at both trial and appellate levels, including bankruptcy proceedings, without regard to whether any legal proceedings are commenced for whether or not such action is prosecuted to judgment.

18. **CITY'S REMEDIES.** As to any sign structure built, rebuilt or relocated without a permit, in the event the sign structure is not removed within fifteen days after notice to Clear Channel, the City shall have the right to remove the sign structure. A rebuilt sign includes any destroyed sign which is reconstructed in violation of Code. In the event Clear Channel fails to remove any sign required to be removed pursuant to this Agreement or City Code by the time established for removal, a fine of \$250 per day shall accrue for each sign not removed. The fines shall not accrue until fifteen days after notice by the City to Clear Channel. The City, after fifteen days notice to Clear Channel, shall have the right to remove any unpermitted sign structure or sign face or any sign which remains in violation of this Agreement, and charge the cost of removal to Clear Channel and BP, and the charge shall become a lien on the Lee Road Property.

19. **AUTHORITY.** Each party represents and warrants to the other that it has all necessary power and authority to enter into and consummate the terms and conditions of this Agreement and that all acts, approvals, procedures and similar matters required in order to authorize this Agreement have been taken or followed and that, upon recording of this Agreement, this Agreement shall be valid and binding upon the parties hereto and their successors in interest.

20. **GOVERNING LAW AND VENUE.** This Agreement shall be governed by and construed in accordance with the laws of the State of Florida. Any and all legal action necessary to enforce this Agreement will be held in Orange County, Florida.

21. **SUCCESSORS AND ASSIGNS.** This Agreement and the terms and conditions hereof shall be binding upon and inure to the benefit of the City, Clear Channel and BP and their respective successors in interest. Clear Channel agrees to not transfer or otherwise convey any ownership interest in any sign face or sign structure listed in the Exhibits unless the transferee shall execute an agreement to be bound by the terms and conditions of this Agreement, which agreement shall be substantially in the same form as **Exhibit "F,"** ("**Form Transfer Agreement**") attached hereto and incorporated herein by reference.

22. **RECORDING.** This Agreement shall be recorded by the City in the official land records of Orange County, Florida.

23. **SEVERABILITY.** If any provisions of this agreement are held to be illegal or invalid, the other provisions of this agreement shall remain in full force and effect.

24. **CONSIDERATION.** Clear Channel, the City and BP affirm that the only consideration for executing this Agreement is that stated herein and that no other promise or agreement of any kind, oral or written, has been made to or with them by any person or entity.

25. **VOLUNTARY EXECUTION.** Clear Channel, the City and BP represent and agree each has thoroughly discussed all aspects of this Agreement with its attorneys, and it has carefully read and fully understands all of the provisions of this Agreement and that it is voluntarily entering into this Agreement.

26. **MODIFICATIONS.** No waiver or modification of any term or condition of this Agreement shall be valid or binding unless in writing and executed by Clear Channel, the City and BP.

27. **THIRD PARTY BENEFICIARIES.** This Agreement is meant for the sole benefit of the parties hereto and their successors and assigns and no other person or entity shall have any rights of action hereunder.

28. **ENTIRE AGREEMENT.** This is the entire agreement between the City and Clear Channel, and no verbal or written assurance or promise is effective or binding unless included in this document.

29. **EFFECTIVE DATE.** The Effective Date of this Agreement shall be the date when the last of all the parties shall have signed this Agreement.

30. **COUNTERPARTS.** This Agreement may be executed in three or more counterparts, each of which shall be deemed an original, but all of which shall constitute one instrument.

31. **SIGNS FOR WHICH COMPENSATION IS RECEIVED.** Signs for which any compensation has been paid, whether through forced condemnation or any voluntary program for removal of signs, by any governmental agency, shall not count as a sign removed pursuant to paragraph 4.

32. **REPRESENTATIONS AND WARRANTIES.** Clear Channel represents and warrants that the sign structures on the attached Exhibits are owned by Clear Channel.

33. **APPROVAL OF CITY COMMISSION.** This Agreement is contingent upon approval by the City Commission. In the event the City Commission does not adopt this Agreement, this Agreement shall be null and void and no longer binding upon the City or Clear Channel.

IN WITNESS WHEREOF, the parties have caused these presents to be executed as of the date and year set forth below the parties' signatures below.

CITY OF WINTER PARK

By: _____
Ken Bradley, Mayor

Date: _____

Attest: _____
City Clerk

STATE OF FLORIDA
COUNTY OF ORANGE

The foregoing instrument was acknowledged before me this ____ of _____,
20____, by Ken Bradley, as the Mayor of the CITY OF WINTER PARK, FLORIDA, on behalf of the
City.

(SEAL)

Notary Public – State of Florida

Print name: _____

Personally Known ____OR Produced
Identification
Type of Identification Produced:

Signed, sealed and delivered
in the presence of :

CLEAR CHANNEL OUTDOOR, INC.

Signature

Print Name

Signature

Print Name

By:_____

Craig Swygert

Title: General Manager

Date Executed: _____

STATE OF FLORIDA

COUNTY OF _____

The foregoing instrument was acknowledged before me this ____ of _____,
20____, by Craig Swygert as the General Manager of CLEAR CHANNEL OUTDOOR, INC., a
Delaware corporation, on behalf of the corporation.

(SEAL)

Notary Public – State of Florida

Print name:_____

Personally Known ____OR Produced
Identification

Type of Identification Produced:

Signed, sealed and delivered
in the presence of :

BENJAMIN PARTNERS, LTD., a
Florida limited partnership
By: Bennett Ave. Company, Inc., a
Florida corporation, General Partner

Signature

Print Name

Signature

Print Name

By: _____

Title: _____

Date Executed: _____

STATE OF FLORIDA
COUNTY OF _____

The foregoing instrument was acknowledged before me this ____ of _____,
20____, by _____ as the _____ of BENNETT AVE.
COMPANY, INC., a Florida corporation, on behalf of the company.

(SEAL)

Notary Public – State of Florida

Print name: _____

Personally Known _____ OR Produced
Identification

Type of Identification Produced:

EXHIBIT "A"
[LEE ROAD PROPERTY]

1621 Lee Road, Winter Park, FL 32789

Lot 4, Lee Shores subdivision, as recorded in Plat Book "T", Page 78 of the Public Records of Orange County, Florida

(Property Appraiser Parcel # 01-22-29-5040-00-040)

1629 Lee Road, Winter Park, FL 32789

Lot 5, Lee Shores subdivision, as recorded in Plat Book "T", Page 78 of the Public Records of Orange County, Florida

(Property Appraiser Parcel # 01-22-29-5040-00-050)

EXHIBIT “B”
[REAL PROPERTY – FOR REMOVAL OF BILLBOARDS]

1. 941 N. Orlando Avenue; Parcel ID 01-22-29-3712-01-050 in Orange County, Florida (further described as Home Acres M/97 Lots 5 through 8 Blk A (less part on S & E in R/W); Panel: 39
2. 1531 Lee Road; Parcel ID 01-22-29-3712-04-030 in Orange County, Florida (further described as Home Acres M/97 Lots 3 & 4 Blk D (less Rd R/W on S). Panels: 416, 417
3. 1121 N. Orlando Avenue; Parcel ID 01-22-29-3712-08-070 in Orange County, Florida (further described as Home Acres M/97 Lots 7 & 14 Blk H): Panels: 243, 63519, 63520

EXHIBIT "C"
[EXISTING WEST SIGN]

EXHIBIT "D"
[EXISTING EAST SIGN]

EXHIBIT “F”
[FORM LANDSCAPE AND MAINTENANCE AGREEMENT]

EXHIBIT "G"
[FORM OF TRANSFER AGREEMENT]

AGREEMENT OF TRANSFEREE

Under this Agreement of Transferee, made this _____ day of _____, _____,
_____ ("Transferee") acknowledges
and agrees as follows:

1. Transferee acknowledges that _____
[Clear Channel or identity of Clear Channel successor in interest who owns the structure(s) at the time
of this agreement of Transferee] is transferring one or more billboard structures to Transferee as
reflected in Exhibit _____.

2. Transferee acknowledges that Clear Channel Outdoor, Inc., the City of Winter Park and
Benjamin Partners, have entered into an Agreement dated as of _____, (copy attached) and
recorded in O.R. Book _____, Page _____, Public Records of Orange County, Florida, which governs
the billboard structure(s) and accompanying sign face(s). Transferee acknowledges having received a
copy of said Agreement and understands all of the terms, provisions, conditions, and limitations of that
Agreement.

3. In consideration for receiving the benefits of the transfer of the structure(s) and the
accompanying sign face(s) and for other good and valuable consideration, the receipt and sufficiency of
which is hereby acknowledged, Transferee agrees to be bound by all of the terms, provisions,
conditions, and limitations of that Agreement as the same may apply to the billboard structure(s) and
sign face(s) owned by me or in which I have an interest, including the condition that the undersigned
Transferee obtain this same agreement from any subsequent transferee.

(print name)



city commission agenda item

item type	Action Item Requiring Discussion	meeting date	May 23, 2011
prepared by department division	Clarissa Howard Communications Department	approved by	<input checked="" type="checkbox"/> City Manager <input type="checkbox"/> City Attorney <input type="checkbox"/> N/A
board approval	n/a	<input type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> N/A	final vote

subject

Adoption of official City of Winter Park Flag

motion | recommendation

Approval and adoption of Option 3 for the official City of Winter Park Flag

background

The City of Winter Park currently does not have an official flag flown in the city's honor. Per the request of the City Manager, Communications began researching the process other cities had undergone to have an official city flag adopted and flown within the respective city limits.

After extensive research, Communications found that several cities within the State of Florida have city flags adopted and flown. Some of these cities include Orlando, Tallahassee, Gainesville, Hollywood, St. Augustine, Tampa, St. Pete, Naples, Jacksonville, Miami and Lakeland.

After talking with a variety of cities, it was explained that the process to adopt an official city flag was through a City Commission action. There are three flag design options presented for the City Commission's consideration.

alternatives | other considerations

Do not adopt a city flag at this time.

fiscal impact

\$941.25 for the printing of 25 (5' x 3') city flags (to be flown on existing flag poles within the city)

Additional funding will need to be budgeted on an ongoing basis to have flags printed and made for the following possible purposes:

- Available for city residents to purchase
- Commemorative keepsake given to distinguished city residents for their service to the city
- Replacement of flags as they have weathered
- Special occasions

long-term impact

n/a

strategic objective

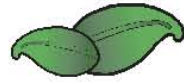
Quality facilities & infrastructure

City of Winter Park Flag Options



Option 1

Winter Park



FLORIDA

Option 2



Staff Recommendation – Option 3



City of Orlando Flag Data

Clarissa Howard

From: Alana Brenner [alana.brenner@cityoforlando.net]
Sent: Friday, February 25, 2011 4:10 PM
To: Clarissa Howard
Subject: Re: City flag

Don found several things as follows:

IN 1960, City Council discussed that the American Legion had designed, made and contributed a City flag.

In 1971, the same group, the American Legion, gave the City a new one.

On May 2, 1980, the City adopted a new design selected after a competition sponsored by Kiwanis and this became the "official" flag.

Don was going to email me the City Council minutes excerpt so I will forward as soon as I get it. Hope this helps!

Sounds like a fun project.

On Fri, Feb 25, 2011 at 3:47 PM, Clarissa Howard <choward@cityofwinterpark.org> wrote:

Excellent, thank you!! I knew you had the flag for quite some time – if anyone can find it, Don can. Thank you again. Look forward to hearing back from you.

Clarissa Howard, Director

City of Winter Park Communications Department

401 Park Avenue South

Winter Park, FL 32789

O: 407.599.3428

F: 407.599.3417

www.cityofwinterpark.org



AUTH. GRNTD. TO SELL HOGS.

STREET LIGHT AUTH. ON
S. FERN CREEK.

PRESENTATION OF CITY FLAG
BY AMERICAN LEGION.

CITY REPRESENTATIVES DESIG.
TO ATTEND MEING. RE: FEDERAL
FUNDS IN CONNEC. WITH ORG.
CTY. DECLARED DISASTER AREA

TRAF. ENG. AUTH. TO ASSIST
CITY OF EUSTIS.

RESOLUTION REQ. IN CONNEC.
WITH OUTSTANDING SERVICES
PERFORMED - RECENT FLOOD
EMERGENCY SITUATION.

ACTION RESCINDED RE: OUT-
LAW LABORATORIES.

TRANSFER OF BLDG. MAINT.
FROM PUBLIC SERV. TO ENG.

TRANSFER OF SAN. LANDFILL
FROM ENG. TO PUBLIC SERV.

PLAT OF ROSE ISLE SECTION
11.

REPLACING SEWER LATERAL
AT AIRPORT.

RE: DRAINAGE ON GORE BET.
OSCEOLA & EUCLID AVES.

42. Mr. E. Glenn Hennig, Director of Public Services, requested authorization to sell approximately 150 head of hogs from City Prison Farm at public auction. Moved by Commissioner Sanderlin, seconded by Commissioner Strickland and vote carried that authorization be granted.

43. Mr. Hennig reported recommendation by the City Electrician for installation of a street light on South Fern Creek approximately 200' south of Kaley Avenue. Moved by Commissioner Sanderlin, seconded by Commissioner Strickland and vote carried that recommendation be approved and referred to the Orlando Utilities Commission for installation.

44. Mayor Carr presented a City Flag designed, made and contributed by the American Legion organization to the City of Orlando. Moved by Commissioner Sanderlin, seconded by Commissioner Newsom and vote carried that same be accepted with sincere thanks, and appropriately displayed in the Council Chambers.

45. Mr. Burleson advised Council he has received a telephone call from General Robert Betts, Civil Defense Director, concerning Saturday morning meeting at 11:00 A.M., March 26th, in the new State Office Building, Tampa, at which Governor LeRoy Collins will be present, concerning obtaining of federal funds for rebuilding of streets, etc. in connection with Orange County having been declared as a disaster flood area. Moved by Commissioner Strickland, seconded by Commissioner Barker and vote carried that invitation be accepted and Commissioner John B. Newsom and Mr. Burleson be designated as the City representatives to attend this meeting.

46. Mayor Carr read letter from Mayor W. J. Furey, Jr., Eustis, requesting "loan" of the Traffic Engineer for a few days to help them with traffic problems needing immediate attention. Moved by Commissioner Sanderlin, seconded by Commissioner Newsom and vote carried that Mr. Thomas be authorized to consult with the City of Eustis on its traffic problems so long as such activity does not interfere with the normal duties of his office.

47. Mayor Carr requested Resolution be drawn commending the following for outstanding cooperation, assistance and the like in connection with services they performed during the recent flood emergency situation: Langston Construction Company, Hubbard Construction Company, C. A. Meyer Construction Company, Bumby & Stimpson, Orlando Paving Company, Southern Testing and Inspection Laboratories, City Engineering Division and Public Services Division. Moved by Commissioner Newsom, seconded by Commissioner Strickland and vote carried that request be approved and referred to the Assistant City Solicitor for preparation of Resolution thereon.

48. Mayor Carr submitted letter from the Aviation Director stating that at a recent Council meeting certain borings and soil test analysis by Outlaw Laboratories on the new runway were authorized, which he requested be stopped. In view of Rader & Associates agreement at the March 2nd Council meeting to conduct these tests at its own expense, Mr. McLean suggested Council rescind the former action regarding Outlaw Laboratories. Moved by Commissioner Strickland, seconded by Commissioner Newsom and vote carried that such action be and hereby is rescinded.

49. Mayor Carr recommended the Department of Building Maintenance be transferred from the Public Services Division into the Engineering Division. Moved by Commissioner Sanderlin, seconded by Commissioner Strickland and vote carried that recommendation be approved, including transfer of all equipment, etc.

50. Mayor Carr recommended the Sanitary Landfill function be transferred from the Engineering Division to the Sanitary Department, Public Services Division. Moved by Commissioner Sanderlin, seconded by Commissioner Strickland and vote carried that recommendation be approved, including transfer of all equipment, etc.

51. Mr. Burleson presented Final Plat of Rose Isle Section 11 Subdivision as approved by proper City departments. Moved by Commissioner Barker, seconded by Commissioner Strickland and vote carried that same be approved authorizing execution thereof by Mayor and City Clerk.

52. Mr. Burleson reported the Superintendent of Building Maintenance has advised of a great deal of trouble in sewer lateral line at the Airport running from the restaurant grease trap and would like to replace the line with an 8" line for approximate cost of \$375. Moved by Commissioner Barker, seconded by Commissioner Sanderlin and vote carried that work be authorized and charged to the Airport Budget.

53. Mr. Burleson informed Council of an estimated \$16,000 involved in installation of storm sewer system on Gore Avenue between Osceola and Euclid Aves. After discussion, it was moved by Commissioner Newsom, seconded by Commissioner Strickland and vote carried that in view of the exceptional high cost of \$16,000 for installation of a larger drain and the fact that the present drain when open, drains this street more adequately than other streets in the same area, that no new drainage facilities be installed but the present drain be cleaned out on a regular basis in order that it will be kept clean at all times.

Council Rate
3/23/1960

A regular meeting of the City Council, City of Orlando, Florida, was held Monday, March 29, 1971, at 1:00 p.m., in the City Council Chambers, City Hall, Orlando, Florida. Mayor Carl T. Langford presided. Mr. C. E. Houtkamp gave the Invocation. Sergeant B. N. Allen led in the Pledge of Allegiance to the Flag.

There were present: Mayor-Commissioner Carl T. Langford
Commissioner Bill C. Ankney
Commissioner J. Douglas Barnes
Commissioner Donald L. Crenshaw
Commissioner W. M. Sanderlin
R. C. Kettles, Neighborhood Improvement Administrator
J. Wesley Fly, Director of Finance
E. Glenn Hennig, Director of Public Services
C. A. Lynch, Director of Administrative Support
Matthew P. Cross, City Engineer
W. G. Stewart, City Clerk
Egerton K. van den Berg, City Attorney
B. N. Allen, Sergeant-at-Arms
Grace A. Chewning, Secretary

SERVICE AWARDS

1. Mayor Langford made individual presentations to the following employees:

(A) Robert B. Burwell, 25 years' service with the City, presently assigned to Recreation Department, received Certificate, pin with ruby stone and a camera as a personal present from the City Council.

(B) Charles E. Runnels, Deputy Chief, 25 years' service as a member of the Orlando Police Department, was given a Certificate, ruby-set pin, and from the Council members, a personal gift.

(C) C. L. Cox, Jr., Captain, on the Orlando Fire Department for 25 years, was recognized with Certificate, service pin, and a personal present from the City Council.

(D) Thomas Daniel Pope, Motor Transport Department, received special recognition as having the longest length of service with the City of Orlando at the present time - 45 years. Mayor Langford introduced Mrs. L. M. Autrey, widow of Mayor Autrey, who was in office at the time Mr. Pope became a City employee, Msdms. C. W. Rex, Jr. and W. J. McGill, daughters of the late Mayor Autrey, and Mr. Carl D. Hoffmann, Jr., Mayor Autrey's grandson, all of whom extended their congratulations to Mr. Pope. Mayor Langford then presented Mr. Pope with a Certificate on his attaining almost half-century of loyal, valuable, faithful and dedicated service to the City of Orlando, a diamond studded pin, and personal gifts from members of the City Council.

MAYOR LANGFORD DECLARED A RECESS.

APPROVAL OF MINUTES

2. It was moved by Commissioner Barnes, seconded by Commissioner Crenshaw and vote carried that the March 22nd minutes be approved as written with correction to Item 28 by changing "#155" to "#156".

CITY FLAG

3. Commander William Murray, American Legion Post #19, appeared before Council presenting a new City flag made by his wife, replacing the one they previously gave the City in 1960 which is showing the usage it has received during the past decade. Mayor Langford expressed the City's appreciation for this outstanding gift.

NEW POLICE OFFICERS

4. Mayor Langford administered the Oath of Office to Robert F. Hildreth and Lawrence G. Haley who were sworn in as new Police Officers.

On Monday, June 2, 1980, at 1:00 p.m., the Orlando City Council met in regular session in City Council Chambers, City Hall, Orlando, Florida. Mayor Carl T. Langford, as presiding officer, called the meeting to order. City Clerk, Grace A. Chewning, called the roll and announced that a quorum was present.

There were present: Mayor-Commissioner Carl T. Langford
Commissioner Donald L. Crenshaw
Commissioner Arthur R. Kennedy
Commissioner Shelton Adams
Commissioner Thomas M. Brownlee
Grace A. Chewning, City Clerk
R. D. Oldham III, Assistant City Attorney
G. M. Miller, Director of Finance
P. T. Matthes, Director of Public Works
J. D. Napier, Director of Community Development
H. P. McClain, Director of Public Safety
J. H. Worsham, Director of Administrative Support
L. W. Thompson, Director of Public Services
S. C. Holte, Secretary to City Council
Fiza A. Waliji, Administrative Secretary
Police Officer Rick de Treville, Sergeant-at-Arms

APPROVAL OF MINUTES

1. It was moved by Commissioner Crenshaw, seconded by Commissioner Kennedy, and vote carried that the reading of the minutes for the May 19th City Council and Staff meetings be waived and minutes be approved as written.

PRESENTATION

2. Mayor Langford presented Miss Cheryl Harriman, Miss Florida National Teenager, with a Key to the City of Orlando and expressed Council's support of her continued success.

RESOLUTION

3. Mayor Langford called forward Mr. and Mrs. Richard Kane to receive a congratulatory Resolution from the City Council, read by the City Clerk, recognizing their 65 years of marriage.

CITY FLAG

4. Vernon Swartzel, Esq., representing the Orlando Kiwanis Club and Council of Arts & Sciences, announced Larry Davis was the winner of the Orlando Flag Competition Contest and with Messrs. Bob Riddle and Larry Fann presented the new City flag to Council. It was moved by Commissioner Brownlee, seconded by Commissioner Crenshaw and vote carried that gratitude be expressed to the Kiwanis Club and the Council of Arts & Sciences for their outstanding contribution, and the flag be adopted as the official City flag.

OUC MATTERS

5. J. Thomas Gurney, Sr., Esq., representing Orlando Utilities Commission, appeared in furtherance of May 19th request for Council endorsement of May 13th Commission action which authorized signing of Agreement on ownership interest in St. Lucie II Nuclear Power Plant. It was moved by Commissioner Brownlee, seconded by Commissioner Crenshaw and vote carried that Council approve and execute the Settlement Agreement, the NRC application, Bond Resolution and either of the two forms of Acknowledgment of Obligations presented by OUC, all in connection with OUC's proposed participation with Florida Power & Light in the St. Lucie No. II Nuclear Plant, subject to the City Attorney's approval as to form and legality, and subject to his determination on which Acknowledgment of Obligations should be used, filed Documentary #12559-2.



City of Tampa Flag Data



City Clerk

Find It Fast!

Select a Department

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Information Resources

Archives

City of Tampa Flag

[City of Tampa
Incorporation History](#)[Featured Photos](#)[Previous City Council
Members](#)[Previous Tampa City
Clerks](#)[Records](#)[Video](#)[City Council Presentations](#)[Photo Galleries](#)[Previous Mayors](#)

Archives, City of Tampa Flag

Until 1930, the City of Tampa had no flag. In June of that year a local industrial engineer presented Mayor D. B. McKay with his original design symbolizing the city's multi-national heritage. McKay, in turn, presented the banner to the Board of Representatives and recommended that it be adopted as the official flag of the City. Meeting on July 1, 1930 the Board acted favorably on the recommendation. One week later during a session of the Board, Mayor McKay publicly and officially accepted the flag from its designer, F. Grant Whitney.



Red, white, and blue for the Stars and Stripes, the red and gold of Spain, the British Union Jack, the red, white and green of Italy and the French tricolor were used to portray the countries that contributed to the growth of Florida.

Spain's role in the development of Tampa begins with the initial Spanish exploration of the Tampa Bay area in 1528. Spain's colors of red and gold signify their importance in Tampa's history.

In 1763, England purchased Florida from Spain and a lengthy period of British influence began. Both colonization and commerce were encouraged by the British and the population of the Tampa Bay area grew considerably until, in 1821, the United States purchased Florida. British contribution to Tampa is denoted by the Union Jack and portions of the Crosses of St. Andrew and St. George; the state is acknowledged both by the red, white and red stripe of its flag and by the letter "F".

As an American territory, Florida – and the town of Tampa – flourished. Fort Brooke was established and, in 1834, the Territorial Legislature created Hillsborough County, which is symbolized by a stylized "H".

The official seal of the City of Tampa, superimposed on a blue "T", commemorates the official birth of the City of Tampa in 1855.

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COMMISSION POLICY/PROCEDURE

EFFECTIVE DATE	POLICY NUMBER	PAGE NUMBER	SUPERSEDES POLICY Dated:
Feb. 19, 2008	CC99-001	1 of 1	Feb. 15, 1999
Subject: Flag Etiquette Policy		Adopted by the Deltona City Commission at the Regular City Commission meeting held on <u>February 18, 2008</u>	

1. The City of Deltona will follow United States Code, Title 36, Chapter 10 as defined.
2. It shall be the recognized custom by the City of Deltona that the United States Flag will be flown at half-staff from the date of death to the date of internment for all members of the Deltona City Commission.
 - a. All City offices will show respect by displaying the appropriate symbols of mourning.
3. The United States Flag will be flown at half-staff on the day of internment for any former Commission member when notification is received at least 24 hours before the date.
4. The United States Flag will be flown at half-staff for a period of three days for the death of the spouse of an elected official.
 - a. City Hall will show respect by displaying the appropriate symbols of mourning.
5. The United States flag will be flown at half-staff from the date of death to the date of internment for any members of City staff who die in the Line of Duty.
 - a. All appropriate symbols of mourning will be displayed in the Department that the employee worked and at City Hall.
 - b. This section shall also apply to the Line of Duty Death of a public safety officer (law enforcement, fire, etc.) within Volusia County.
6. The Mayor and the City Manager, acting together, will determine if the United States Flag shall be flown at half-staff for all other dignitaries and elected officials not covered under United States Code, Title 36, Chapter 10 as defined.

AGENDA MEMO

TO: MAYOR & CITY COMMISSION

AGENDA DATE: 12/12/01

FROM: FAITH MILLER, CITY CLERK

AGENDA ITEM: 9 - I

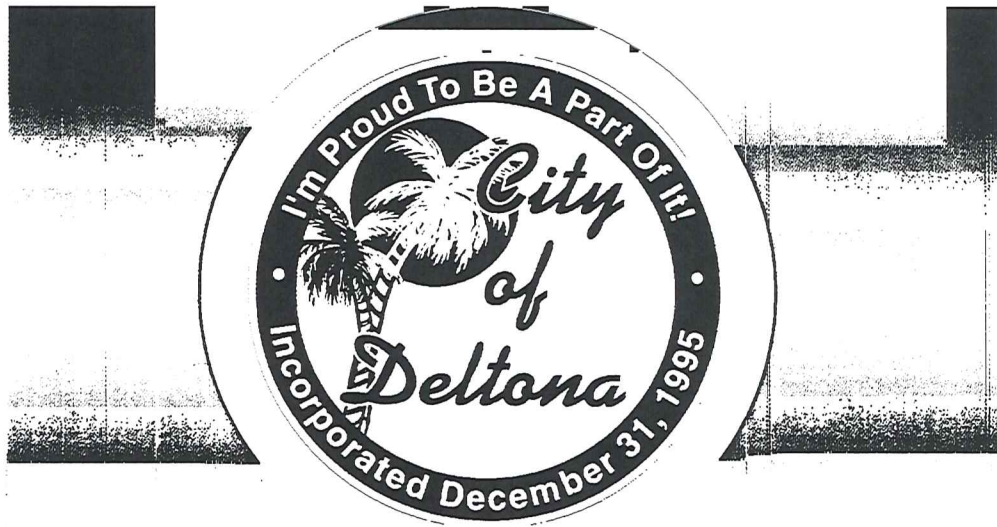
SUBJECT: REQUEST FOR APPROVAL OF DESIGN FOR OFFICIAL CITY FLAG

BACKGROUND: In order to process orders for flags for inside and outside of our new City Hall, it is necessary for the City Commission to formally select the design of the official City flag. Attached are four samples based on Commission suggestions for the Commission to consider.

**ORIGINATING
DEPARTMENT:** City Clerk's Office

**STAFF
REC.:** That the Commission consider and select a design for the City Flag so flags may be ordered for the new City Hall.

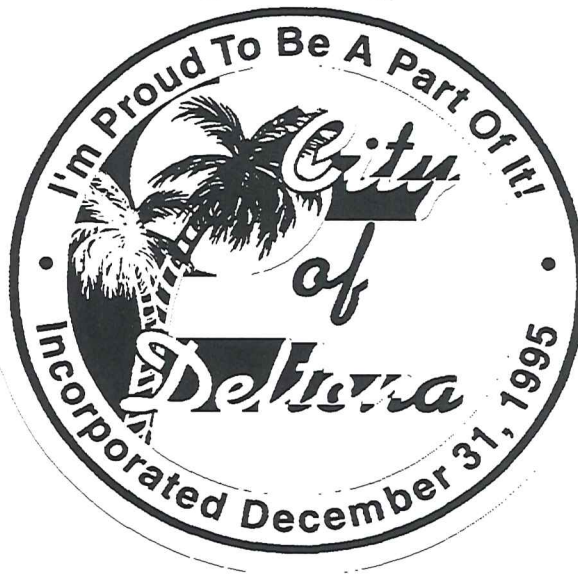
Sample #1



WHITE
FRINGE
ON
RIGHT
HAND
SIDE

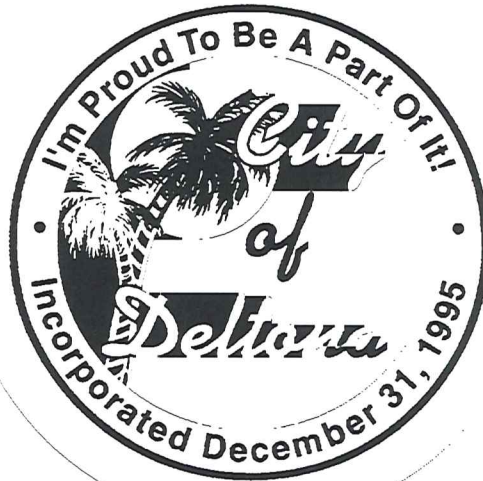
City Flag – teal gradient background,
with no edging and white fringe on
right-hand side for inside flag; no
fringe on outside flag

Sample #2



City Flag – teal background, with no edging, larger seal, gold fringe on right-hand side for inside flag; no fringe on outside flag

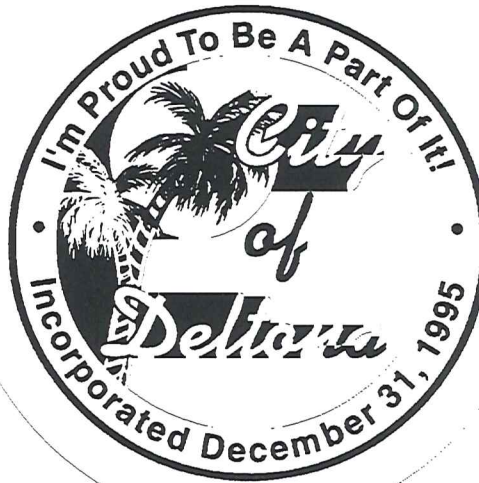
Sample #3



WHITE
FRINGE
ON
RIGHT
SIDE
ONLY

City Flag – teal background, with
silver edging and white fringe on
right-hand side for inside flag; no
fringe on outside flag

Sample #4



WHITE
FRINGE
AROUND
THREE
SIDES

City Flag – teal background, with no edging and white fringe around top, bottom and right-hand side for inside flag; no fringe on outside flag

receiving funds tomorrow would not make a difference. He stated the price a developer would pay for property is much different than what the City would pay for parkland. Mayor Masiarczyk stated the property is prime real estate for the City.

Motion by Commissioner Horn, seconded by Commissioner Wheatley to have the City Commission consider offers on the corner property located at the southwest corner of Elkcarn Blvd. and Howland Blvd. Such offers must include a minimum bid of \$1,000,000. The City Manager or his designee will be responsible for any and all negotiations on any offers.

Motion carried with members voting as follows:

Commissioner Horn	For
Commissioner McFall	Against
Commissioner Obremski	For
Commissioner Wheatley	For
Vice Mayor Runge	Against
Mayor Masiarczyk	For

I. Request for approval of design for official City flag.

Mayor Masiarczyk stated he liked sample number two without fringe on the outdoor flag and sample number four with white fringe on three sides for the indoor flag.

Commissioner Horn stated he liked sample number two because of the larger logo. Mayor Masiarczyk stated he also liked that sample, but with white fringe instead of gold.

Vice Mayor Runge stated he would like to see silver fringe instead of gold.

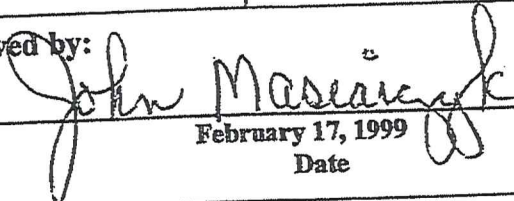
Commissioner Horn and Mayor Masiarczyk stated they liked sample two with no fringe on the outdoor flag.

Motion by Vice Mayor Runge, seconded by Commissioner Horn to approve sample no. 2 with silver fringe on 3-sides for the indoor flag and without fringe on the outdoor flag. Motion carried with members voting as follows: Commissioner Horn, For; Commissioner McFall, For; Commissioner Obremski, For; Commissioner Wheatley, For; Vice Mayor Runge, For; Mayor Masiarczyk, For.

10. CITY COMMISSION COMMENTS:

- a) Commissioner Wheatley stated she participated in several courses at a recent League of Cities conference and thanked everyone for the opportunity to attend.
- b) Commissioner Wheatley wished everyone a happy holiday.
- c) Commissioner Obremski also wished everyone a happy holiday.

COMMISSION POLICY/PROCEDURE

EFFECTIVE DATE February 15, 1999	POLICY NUMBER CC 99-001	PAGE NUMBER 1 of 1	SUPERSEDES POLICY Dated: none
Subject: City of Deltona, Flag Etiquette Policy		Approved by:  Mayor February 17, 1999 Date	

1. The City of Deltona will follow United States Code, Title 36, Chapter 10 as defined
2. It shall be the recognized custom by the City of Deltona that the United States Flag will be flown at half staff from the date of death to the date of internment for all members of the Deltona City Commission.
 - A. All city offices will show respect by displaying the appropriate symbols of mourning.
3. The United States Flag will be flown at half-staff on the day of internment for any former Commission member when notification is received at least 24 hours before the date.
4. The United States Flag will be flown at half-staff for a period of three days for the death of the spouse of an elected official.
 - A. City Hall will show respect by displaying the appropriate symbols of mourning.
5. The United States flag will be flown at half staff on the day of death and the day following for any members of City Staff who die in the line of duty.
 - A. All appropriate symbols of mourning will be displayed in the Department that the employee worked and at City Hall.
6. The Mayor and the City Manager, acting together, will determine if the United States Flag shall be flown at half staff for all other dignitaries and elected officials not covered under United States Code, Title 36, Chapter 10 as defined.

Suggested Customs for mourning:

Elected Officials:

Appropriate symbols will be worn by all City Staff;
~~Appropriate symbols will be placed in every City building.~~

Staff :

Appropriate symbols will be placed at Employee's Department;
Appropriate symbol will be placed at the entryway to City Hall;
Appropriate symbols will be worn by City staff.

Spouse of Elected Officials and former elected officials:

Appropriate symbol will be placed at the entryway of City Hall.

AGENDA MEMO

TO: MAYOR & CITY COMMISSION

AGENDA DATE: 2/15/99

FROM: RUIZ N.S. SHIVRATTAN, ASST. TO
MAYOR & COMMISSION

AGENDA ITEM: 9 - H

SUBJECT:

MOURNING POLICIES FOR CITY OF DELTONA

BACKGROUND:

At the Regular City Commission meeting on February 1, 1999, the Deltona City Commission asked staff to develop a policy for mourning that is consistent with United States Code, Title 36, Chapter 10.

The attachment is a list of recommended protocol to be followed for the period of mourning.

**ORIGINATING
DEPARTMENT:**

Assistant to the Mayor and Commission

REVIEWED BY:

City Clerk

**STAFF
RECOMMENDATION:**

Adopt the mourning policy and procedure for the City.

**POTENTIAL
MOTION:**

"I move that we adopt the policy for mourning in the City of Deltona."



[Flag Display](#)

UNITED STATES CODE

TITLE 36 - PATRIOTIC SOCIETIES AND OBSERVANCES

CHAPTER 10 - PATRIOTIC CUSTOMS



 If you are not hearing music, [click here to hear "Stars and Stripes Forever"](#). 

INDEX

(click on the title to go to that section:)

- § 173: Display and use of flag by civilians; codification of rules and customs; definition
- § 174: Time and occasions for display; hoisting and lowering
- § 175: Position and manner of display
- § 176: Respect for flag
- § 177: Conduct during hoisting, lowering or passing of flag
- § 178: Modification of rules and customs by President

§ 173

Display and use of flag by civilians; codification of rules and customs; definition

The following codification of existing rules and customs pertaining to the display and use of the flag of the United States of America is established for the use of such civilians or civilian groups or organizations as may not be required to conform with regulations promulgated by one or more executive departments of the Government of the United States. The flag of the United States for the purposes of this chapter shall be defined according to sections 1 and 2 of Title 4 and Executive Order 10834 issued pursuant thereto.

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§ 174

Time and occasions for display; hoisting and lowering

- (a) It is the universal custom to display the flag only from sunrise to sunset on buildings and on stationary flag staffs in the open. However, when a patriotic effect is desired, the flag may be displayed twenty-four hours a day if properly illuminated during the hours of darkness.
- (b) The flag should be hoisted briskly and lowered ceremoniously.
- (c) The flag should not be displayed on days when the weather is inclement, except when an all weather flag is displayed.
- (d) The flag should be displayed on all days, especially on:

Flag Display

New Year's Day - (January 1)
 Inauguration Day - (January 20)
 Lincoln's Birthday - (February 12)
 Washington's Birthday - (third Monday in February)
 Easter Sunday - (variable)
 Mother's Day - (second Sunday in May)
 Armed Forces Day - (third Saturday in May)
 Memorial Day {half-staff until noon} - (last Monday in May)
 Flag Day - (June 14)
 Independence Day - (July 4)
 Labor Day - (first Monday in September)
 Columbus Day - (second Monday in October)
 Navy Day - (October 27)
 Veterans Day - (November 11)
 Thanksgiving Day - (fourth Thursday in November)
 Christmas Day - (December 25)
 Other days as may be proclaimed by the President of the United States
 Birthdays of States (date of admission)
 State holidays

- (e) The flag should be displayed daily on or near the main administration building of every public institution.
- (f) The flag should be displayed in or near every polling place on election days.
- (g) The flag should be displayed during school days in or near every schoolhouse.

[*click here to return to the Index*](#)

§ 175

Position and manner of display

The flag, when carried in a procession with another flag or flags, should be either on the marching right; that is, the flag's own right, or, if there is a line of other flags, in front of the center of that line.

- (a) The flag should not be displayed on a float in a parade except from a staff, or as provided in subsection (i) of this section.
- (b) The flag should not be draped over the hood, top, sides, or back of a vehicle or of a railroad train or a boat. When the flag is displayed on a motorcar, the staff shall be fixed firmly to the chassis or clamped to the right fender.
- (c) No other flag or pennant should be placed above, or, if on the same level, to the right of the flag of the United States of America, except during church services conducted by naval chaplains at sea, when the church pennant may be flown above the flag during church services for the personnel of the Navy. No person shall display the flag of the United Nations or any other national or international flag equal, above, or in a position of superior prominence or honor to, or in place of, the flag of the United States at any place within the United States or any Territory or possession thereof. Provided, That nothing in this section shall make unlawful the continuance of the practice heretofore followed of displaying the flag of the United Nations in a position of superior prominence or honor, and other national flags in positions of equal prominence or honor, with that of the flag of the United States at the headquarters of the United Nations.
- (d) The flag of the United States of America, when it is displayed with another flag against a wall from crossed staffs, should be on the right, the flag's own right, and its staff should be in front of the staff of the other flag.
- (e) The flag of the United States of America should be at the center and at the highest point of the group when a

Flag Display

number of flags of States or localities or pennants of societies are grouped and displayed from staffs.

(f) When flags of States, cities, or localities, or pennants of societies are flown on the same halyard with the flag of the United States, the latter should always be at the peak. When the flags are flown from adjacent staffs, the flag of the United States should be hoisted first and lowered last. No such flag or pennant may be placed above the flag of the United States or to the United States flag's right.

(g) When flags of two or more nations are displayed, they are to be flown from separate staffs of the same height. The flags should be of approximately equal size. International usage forbids the display of the flag of one nation above that of another nation in time of peace.

(h) When the flag of the United States is displayed from a staff projecting horizontally or at an angle from the window sill, balcony, or front of a building, the union of the flag should be placed at the peak of the staff unless the flag is at half staff. When the flag is suspended over a sidewalk from a rope extending from a house to a pole at the edge of the sidewalk, the flag should be hoisted out, union first, from the building.

(i) When displayed either horizontally or vertically against a wall, the union should be uppermost and to the flag's own right, that is, to the observer's left. When displayed in a window, the flag should be displayed in the same way, with the union or blue field to the left of the observer in the street.

(j) When the flag is displayed over the middle of the street, it should be suspended vertically with the union to the north in an east and west street or to the east in a north and south street.

(k) When used on a speaker's platform, the flag, if displayed flat, should be displayed above and behind the speaker. When displayed from a staff in a church or public auditorium, the flag of the United States of America should hold the position of superior prominence, in advance of the audience, and in the position of honor at the clergyman's or speaker's right as he faces the audience. Any other flag so displayed should be placed on the left of the clergyman or speaker or to the right of the audience.

(l) The flag should form a distinctive feature of the ceremony of unveiling a statue or monument, but it should never be used as the covering for the statue or monument.

(m) The flag, when flown at half-staff, should be first hoisted to the peak for an instant and then lowered to the half-staff position. The flag should be again raised to the peak before it is lowered for the day.

On Memorial Day the flag should be displayed at half-staff until noon only, then raised to the top of the staff. By order of the President, the flag shall be flown at half-staff upon the death of principal figures of the United States Government and the Governor of a State, territory, or possession, as a mark of respect to their memory. In the event of the death of other officials or foreign dignitaries, the flag is to be displayed at half-staff according to Presidential instructions or orders, or in accordance with recognized customs or practices not inconsistent with law. In the event of the death of a present or former official of the government of any State, territory, or possession of the United States, the Governor of that State, territory, or possession may proclaim that the National flag shall be flown at half-staff.

The flag shall be flown at half-staff thirty days from the death of the President or a former President; ten days from the death of the Vice President, the Chief Justice or a retired Chief Justice of the United States, or the Speaker of the House of Representatives; from the day of death until interment of an Associate Justice of the Supreme Court, a Secretary of an executive or military department, a former Vice President, or the Governor of a State, territory, or possession; and on the day of death and the following day for a Member of Congress. The flag shall be flown at half-staff on Peace Officers Memorial Day, unless that day is also Armed Forces Day.

As used in this subsection -

.... (1) the term "half-staff" means the position of the flag when it is one-half the distance between the top and bottom of the staff;

.... (2) the term "executive or military department" means any agency listed under sections 101 and 102 of title 5; and

.... (3) the term "Member of Congress" means a Senator, a Representative, a Delegate, or the Resident Commissioner

Flag Display

Page 4 of 5

for Puerto Rico.

(n) When the flag is used to cover a casket, it should be so placed that the union is at the head and over the left shoulder. The flag should not be lowered into the grave or allowed to touch the ground.

(o) When the flag is suspended across a corridor or lobby in a building with only one main entrance, it should be suspended vertically with the union of the flag to the observer's left upon entering. If the building has more than one main entrance, the flag should be suspended vertically near the center of the corridor or lobby with the union to the north, when entrances are to the east and west or to the east when entrances are to the north and south. If there are entrances in more than two directions, the union should be to the east.

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§ 176

Respect for flag

No disrespect should be shown to the flag of the United States of America; the flag should not be dipped to any person or thing. Regimental colors, State flags, and organization or institutional flags are to be dipped as a mark of honor.

- (a) The flag should never be displayed with the union down, except as a signal of dire distress in instances of extreme danger to life or property.
- (b) The flag should never touch anything beneath it, such as the ground, the floor, water, or merchandise.
- (c) The flag should never be carried flat or horizontally, but always aloft and free.
- (d) The flag should never be used as wearing apparel, bedding, or drapery. It should never be festooned, drawn back, nor up, in folds, but always allowed to fall free. Bunting of blue, white, and red always arranged with the blue above, the white in the middle, and the red below, should be used for covering a speaker's desk, draping the front of the platform, and for decoration in general.
- (e) The flag should never be fastened, displayed, used, or stored in such a manner as to permit it to be easily torn, soiled, or damaged in any way.
- (f) The flag should never be used as a covering for a ceiling.
- (g) The flag should never have placed upon it, nor on any part of it, nor attached to it any mark, insignia, letter, word, figure, design, picture, or drawing of any nature.
- (h) The flag should never be used as a receptacle for receiving, holding, carrying, or delivering anything.
- (i) The flag should never be used for advertising purposes in any manner whatsoever. It should not be embroidered on such articles as cushions or handkerchiefs and the like, printed or otherwise impressed on paper napkin or boxes or anything that is designed for temporary use and discard. Advertising signs should not be fastened to a staff or halyard from which the flag is flown.
- (j) No part of the flag should ever be used as a costume or athletic uniform. However, a flag patch may be affixed to the uniform of military personnel, firemen, policemen, and members of patriotic organizations. The flag represents a living country and is itself considered a living thing. Therefore, the lapel flag pin being a replica, should be worn on the left lapel near the heart.
- (k) The flag, when it is in such condition that it is no longer a fitting emblem for display, should be destroyed in a dignified way, preferably by burning

[*click here to return to the Index*](#)

§ 177

Conduct during hoisting, lowering or passing of flag

During the ceremony of hoisting or lowering the flag or when the flag is passing in a parade or in review, all persons present except those in uniform should face the flag and stand at attention with the right hand over the heart. Those present in uniform should render the military salute. When not in uniform, men should remove their headdress with their right hand and hold it at the left shoulder, the hand being over the heart. Aliens should stand at attention. The salute to the flag in a moving column should be rendered at the moment the flag passes.

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§ 178

Modification of rules and customs by President

Any rule or custom pertaining to the display of the flag of the United States of America, set forth in section 171-178 of this title, may be altered, modified, or repealed, or additional rules with respect thereto may be prescribed, by the Commander in Chief of the Armed Forces of the United States, whenever he deems it to be appropriate or desirable; and any such alteration or additional rule shall be set forth in a proclamation.

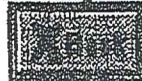
[click here to return to the Index](#)

The complete source for the US Code is at Cornell University's Law Resources Site:

UNITED STATES CODE



[click here to return to my 'American Flag Page'](#)





City of Miami Flag Data



City of Miami

September 1, 1986

MATTY HIRAI
City Clerk

DEPUTY CITY CLERKS
Robert E. Trench
George S. M. Linn
Evelyn R. R.
Sylvia M. M.
Sally J. J.
Dorothy J. J.

STATE S. P. J.
P. J. J.

Mr. Henry Untermeyer
Flags, Flagpoles & Saunas
P.O. Box 2066
Palm Springs, Calif. 92263-2066

Dear Mr. Untermeyer,

A review of our records indicates that the Official Flag of the City of Miami, Florida was adopted on November 15, 1933 by Resolution no. 8410, a copy of which is enclosed.

Three flags are flown in front of the City Hall building, they are the Flag of the United States of America, the Flag of the State of Florida, and the Flag of the City of Miami. They are flown during regular daytime business hours. The City Flag is always displayed at City Commission Meetings behind the dais.

To the best of our knowledge, other institutions or organizations are not directly encouraged by the City to display the City Flag but anyone can purchase a flag from any of the local flag companies if they so desire.

The City does not limit the number of flags which may be flown or the height of flagpoles.

I have enclosed Sections 37-22 and 37-27 of the Miami City Code which are pertinent to this subject.

If I can be of any further assistance, please feel free to call.

Yours truly,

Matty Hirai
City Clerk

MH/rt

Session the 6th. 1898.

Resolved that prompt & efficient
the President in the afternoon
the well being called the following members

Resolved that the following members
be named to be on the committee
Englewood Graham & Lumber 5*

The minutes of the 1st and 1897 were read
& approved.

By motion the files from Dr. J. M. Fowler
dated Dec 17 1897 offering the same
for a change of the city of Norfolk
were accepted with clerk was instructed
to answer the committee.

The Engineering Committee made a report
that they had ordered 1000 ft of rubber
hose at 70¢ per foot.

By motion the above report was accepted.

The Commission from Mr. E. Englewood
to the Mayor dated Dec 17 1897 offering the
500 ft. Black Box works to be responsible parties
who would have installed electric light
plant in the city, was referred to the
Committee on Finance.

By motion the Commission on streets and
improvements was authorized to use a sum
not exceeding \$500 for the purpose of
making improvements on streets.

By motion the Engineering Committee was
authorized to investigate the day during
condition of the city & report thereon at
the next meeting of the Council.

By motion the clerk was authorized to have
1000 Post Office printed on notice to Post
office that their date was due.

By motion the clerk was authorized to have
1000 Post Office printed on notice to Post
office that their date was due.

By motion the clerk was authorized to have
1000 Post Office printed on notice to Post
office that their date was due.

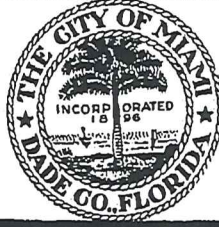
By motion the clerk was authorized to have
1000 Post Office printed on notice to Post
office that their date was due.

The following resolution was introduced
and read. Resolved that the City Council
approve the design for the Young men of our
city on Aug 10 1898.

Resolved that the City Council
approve the design for the Young men of our
city on Aug 10 1898.

Resolved that the City Council
approve the design for the Young men of our
city on Aug 10 1898.

DESIGNED BY CHAS. L. GIMENDER, JR.



ITEM NO. 1

MIAMI WOMAN'S CLUB

NORTH BAYSHORE DRIVE AT 17TH TERRACE

Miami, Florida
Nov. 13, 1933.

RECEIVED
NOV 15 1933

NOV 15 1933

My dear Mr. Lee;

At the request of the City Commissioners, the Miami Woman's Club is submitting herewith a flag design with the request that it be adopted as the official flag of the City of Miami.

The design is that of Charles L. Caspider Jr., and was previously adopted by the Club, but the resolution failed to reach your desk to be placed before the Commissioners, we are therefore resubmitting it at this time.

In requesting that an official flag be adopted by the City, the Miami Woman's Club wishes it understood that it carries ^{no thought of} no financial obligation to the City in choosing the design.

Will you please notify the chairman if you deem it necessary for the committee to attend the Commission meeting when the Flag adoption is to be acted upon.

Sincerely Yours,

Edna C. Stevens

(Mrs. Thomas T. Stevens, President.)

Miami, Fla.
July 18, 1932.

Honorable L. L. Lee,
City Manager,
Miami, Florida.

Dear Sir:

The City Commission of Miami has been approached upon the necessity and desirability of the adoption of an official flag for the City of Miami, Florida.

Pursuant to the request of the City Commission, you have been authorized to give this matter your consideration by approving same.

In an effort to assist you in this decision, I have attached herewith the above attached facsimile of a flag designed by C. L. Gmeinder, Jr. to the City Commission for adoption as the official flag of the City of Miami.

Respectfully yours,

Charles L. Gmeinder, Jr.
Charles L. Gmeinder, Jr.

C. L. Gmeinder, Jr. has just designed a new flag for our city with our native colors of orange and yellow and the city seal. It is looked upon with much favor by various individuals and organizations for its beauty combined with the proper significance, and he hopes it will be adopted as the official flag for our city.

RESOLUTION NO. 8410.

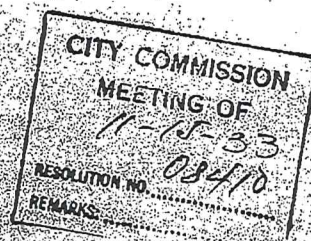
A RESOLUTION TO ACCEPT THE RECOMMENDATION OF THE MIAMI WOMAN'S CLUB OF A DESIGN FOR AN OFFICIAL FLAG OF THE CITY OF MIAMI, FLORIDA; AND TO ADOPT THE DESIGN SUBMITTED BY SAID CLUB AS THE OFFICIAL FLAG OF THE CITY OF MIAMI, FLORIDA.

BE IT RESOLVED BY THE COMMISSION OF THE CITY OF MIAMI:

Section 1. That the recommendation of the Miami Woman's Club that the design for an official flag of the City of Miami, Florida, by Charles L. Gneinder, Jr., be adopted by the City, is hereby accepted and such design adopted.

Section 2. That from and after the adoption of this resolution, the official flag of the City of Miami, Florida, shall be a flag with three horizontal stripes, of equal size, of orange, white and green with a facsimile of the seal of the City of Miami, Florida, in the center of the white stripe.

PASSED AND ADOPTED this 15th day of November, A. D. 1933.



"DOCUMENT INDEX
ITEM NO. 11"

Samples of Florida city flags



City of Apalachicola



City of Aventura



City of Apopka



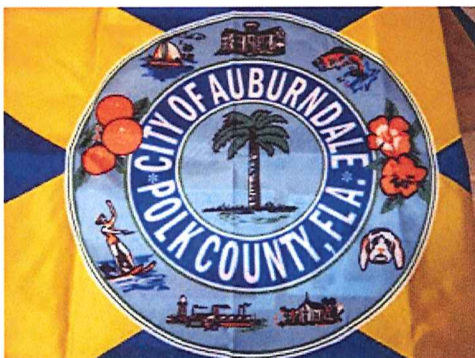
City of Bal Harbor



City of Arcadia



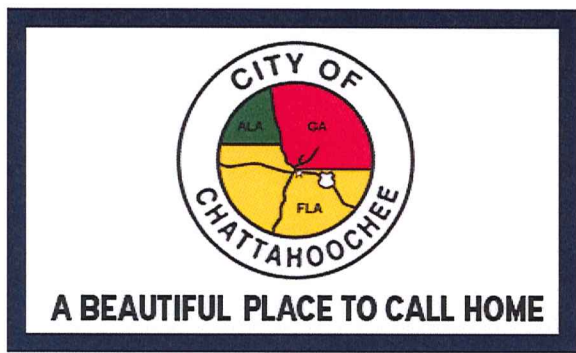
City of Bonita Springs



City of Auburndale



City of Bunnell



City of Chattahoochee



City of Coral Springs



City of Clearwater



City of Gainesville



City of Coconut Creek



City of Hollywood



City of Coral Gables



City of Jacksonville



Town of Juno Beach



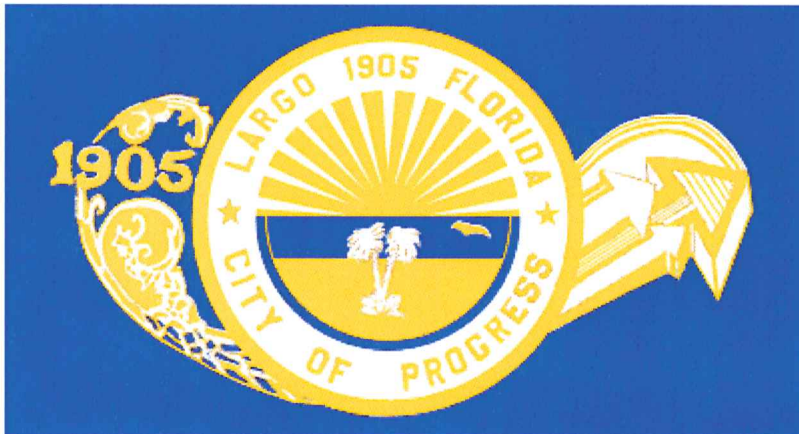
City of New Port Richie



City of Lakeland



City of Miami



City of Largo



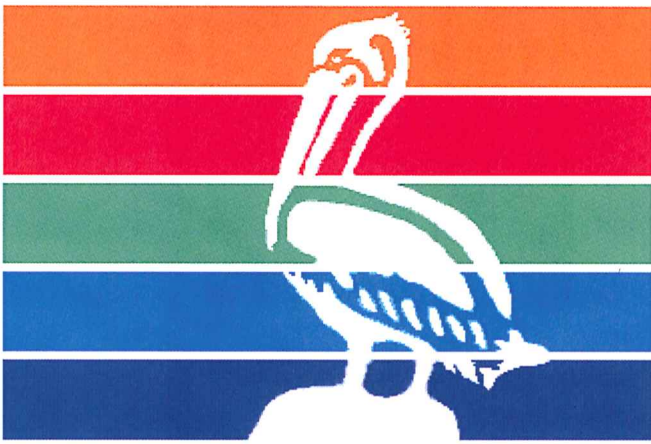
City of Orlando



City of Marco Island



City of Naples



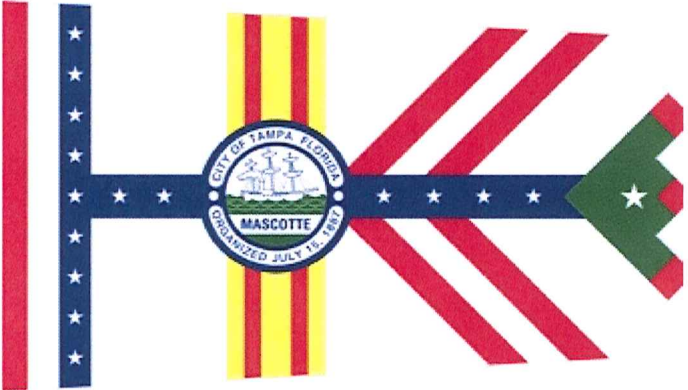
City of St. Petersburg



City of Tallahassee



City of Panama City

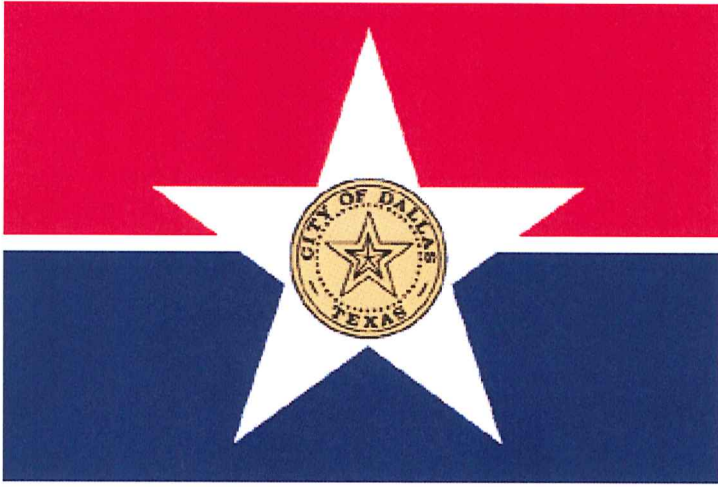


City of Tampa

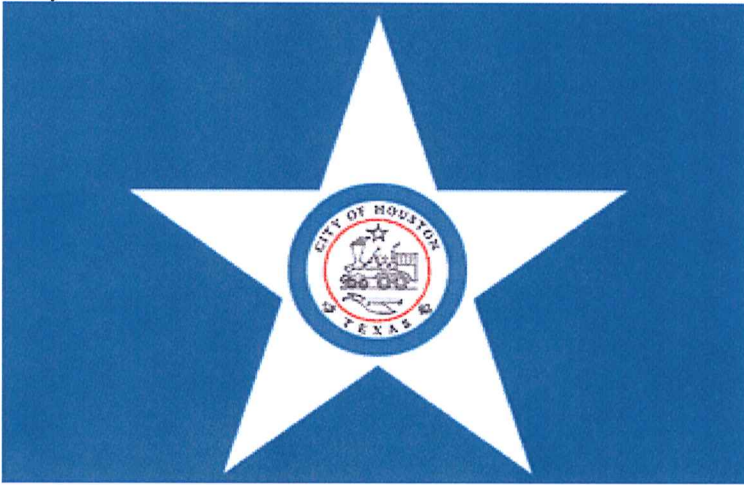


City of St. Augustine

OTHER CITY FLAGS



City of Dallas



City of Houston



City of San Francisco

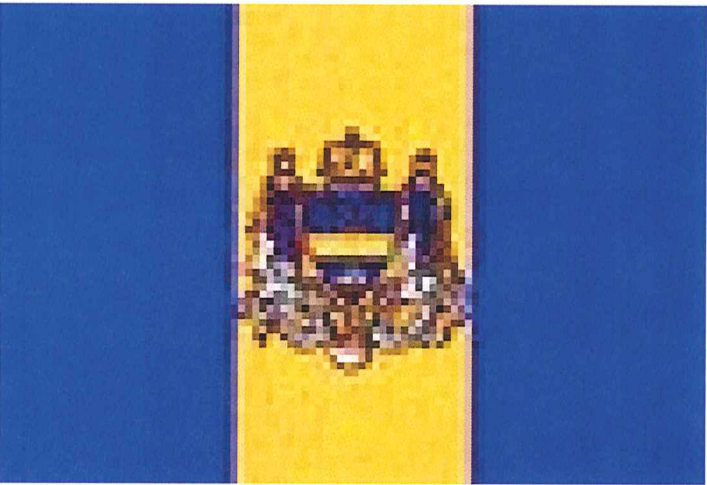
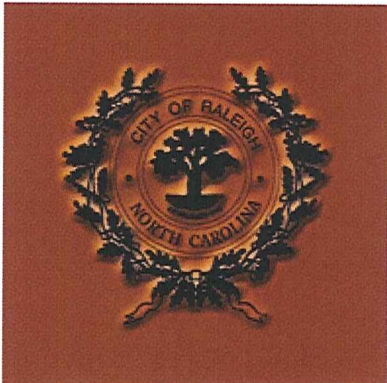




City of Boston



City of Raleigh



City of Philadelphia





City of Akron



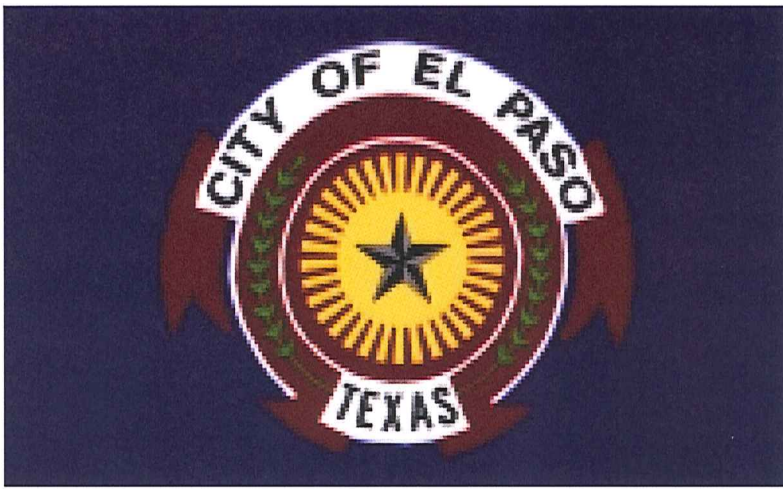
City and County of Honolulu



CITY OF GLENDALE

City of Glendale





City of El Paso



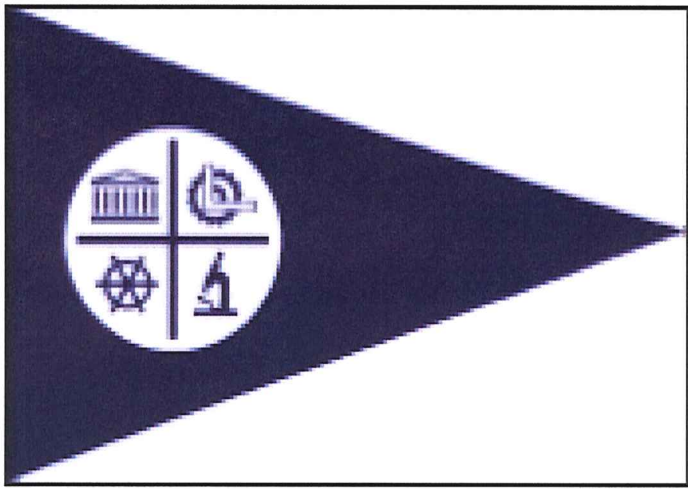
City of Detroit



City of Garland



(Seal as background)



City of Minneapolis



City of Toledo

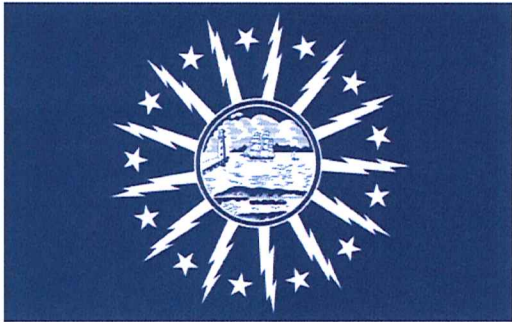




City of Pittsburgh, PA



Pittsburgh coat of arms/seal



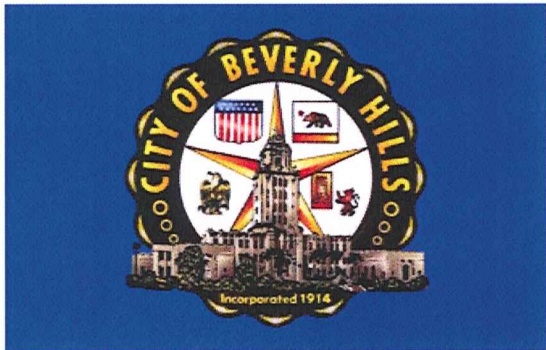
City of Buffalo, NY Flag



Buffalo, NY city Seal



City of Denver, CO



City of Beverly Hills, CA





City of New Orleans, LA



City of Raleigh, NC





Baltimore, MD



Boston, MA



Chicago, IL



Cincinnati, OH



Cleveland, OH



Columbus, OH



Dallas, TX



Denver, CO



Houston, TX



Indianapolis, IN



Los Angeles, CA



Madison, WI



Minneapolis, MN



New Orleans, LA



New York City, NY



Phoenix, AZ



Pittsburgh, PA



Portland, OR



San Antonio, TX



San Francisco, CA



St. Louis, MO



Wichita, KS



city commission agenda item

item type	Action Item Requiring Discussion	meeting date	May 23, 2011
prepared by department division	Randy Knight City Manager n/a	approved by	<input checked="" type="checkbox"/> City Manager <input type="checkbox"/> City Attorney <input type="checkbox"/> N/A
board approval	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> N/A		final vote

Subject –

90-Day Action Plan

motion | recommendation

Review the 90-Day plan and provide input and changes as needed.

background

Attached are the major issues that staff is aware will be coming before the commission in the next 90 days.

The timing of the budget items are more fixed than the other items on the list. I am suggesting a budget work session be scheduled between the two July meetings.

alternatives | other considerations

n/a

fiscal impact

n/a

strategic objective

n/a

City of Winter Park

90 Day Plan

June – August

- Annual Budget
 - Receive Draft Budget (approx. July 1st)
 - Budget Presentation (July 11th)
 - CM Proposed Budget Workshop (July 18th)
 - Set tentative millage rate (July 25)
 - Accept Performance Scorecard
 - Approve 5 Year Capital Plan (Public Hearings September meetings)
 - Adopt Budget (Public Hearings September meetings)
- Address allocation of savings from wholesale power contracts (June)
- Energy conservation financing (June meetings)
- ERB Report/lx per week Trash pick up
- Streamlining Permitting process (Planning/Building/IT) (timing flexible)
- Special Events Ordinance Update (animal events on athletic fields) (timing flexible)
- Fairbanks Avenue – bid/construction task order (August)
- Rate study completion (August)
- Potential Development on State Office Building Site (timing TBD)
- Ravaudage Annexation (probably June or July)
- Ravaudage CDD (probably July or August)



city commission agenda item

item type	Action Item Requiring Discussion	meeting date	May 23, 2011
prepared by department division	Troy Attaway Public Works Streets	approved by	<input checked="" type="checkbox"/> City Manager <input type="checkbox"/> City Attorney <input type="checkbox"/> N/A
board approval	<input type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> N/A final vote		

subject

E. Morse Blvd. Streetscape Project

motion | recommendation

Address funding of the streetscape project as part of the FY 2012 budget process

background

Some residents along E. Morse Blvd. requested the City Commission to brick/landscape and install decorative lighting on the portion of Morse from Interlachen to the boat tour dock. Their reasoning included that the road needed attention to address some potholes and rather than expend funds on paving, why not upgrade and brick it, as well as the fact that it should look like the rest of E. Morse Blvd., since it is a part of the downtown and the boat tour attracts 80,000 visitors per year. The City Commission directed the City to develop a cost estimate and send a mailing to assess interest in bricking under the City's Brick Policy of cost sharing the construction expenses. The notice was sent on December 16, 2010, and the results of the notices were 40 in favor, 57 in opposition, and 68 no response received. On April 29, 2011 notices were sent informing residents that there was not enough support received to move forward with the project under the Bricking Policy.

At the May 9, 2011 Commission meeting, staff was directed to bring this issue back for reconsideration.

alternatives | other considerations

Options - Several options exist to improve this section of roadways:

- Option One - Involves leaving the roadway the same shape and size as existing and removing the existing asphalt (except in the perpendicular parking spaces on the south side) and installing bricks (figure1). The existing brick section would be leveled as necessary. The existing parking space on the south side would be repaved with asphalt. New decorative street lights would be added and the existing landscaped island would be freshened up but not changed extensively. The net cost of this option is estimated to be \$231,000 (total cost of \$243,000 minus cost to simply repave the road with asphalt \$12,000).

- Option 2 – Implement change to road shape to right size parking, add turnaround and increase landscape buffer as shown in figure 2. The existing perpendicular parking on the south side would be repaved with asphalt and the existing brick would be leveled as necessary. The net cost of this option is \$253,000.
- Option 3 – Implement Option 2 including bricking the existing asphalt parking areas on the south side of the road. The total net cost of the option is \$272,000.

fiscal impact

The only budgeted cost is the cost to repave the existing asphalt estimated to be \$12,000. Costs above that will have to be funded. This area is not in the CRA.

long-term impact

This project will provide continuity from the downtown area to the boat tour location.

strategic objective

Provide quality infrastructure.

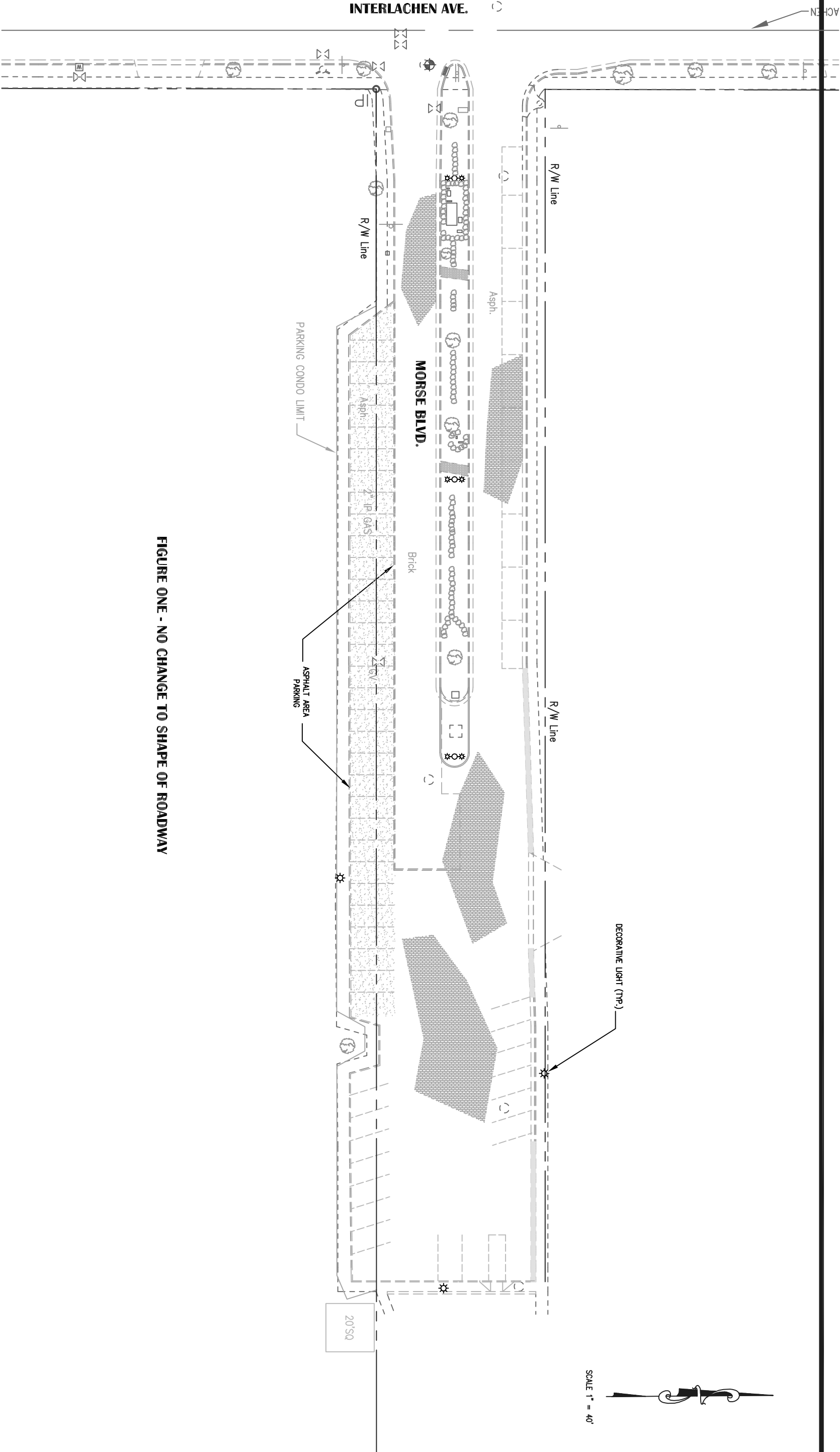



FIGURE ONE - NO CHANGE TO SHAPE OF ROADWAY

FILE NAME	MORSE INTER H11.DWG
PLOT CODE	40.PLT

DATE		REVISIONS		REVISED BY	CHKD. BY



City Of Winter Park

401 Park Avenue South
Winter Park, Florida 32789
Telephone (407) 623-3242

DESIGNED BY: HNN

DRAWN BY: HNN

CHECKED BY: TRA

APPROVED BY: TRA

MORSE BLVD. - INTERLACHEN AVE.

STREETSCAPE PROJECT - SITE PLAN

City of Winter Park
Winter Park, Florida

PROJECT NUMBER

DATE MAY 2011

SCALE 1" = 40'

SHEET NO. 1 of 1

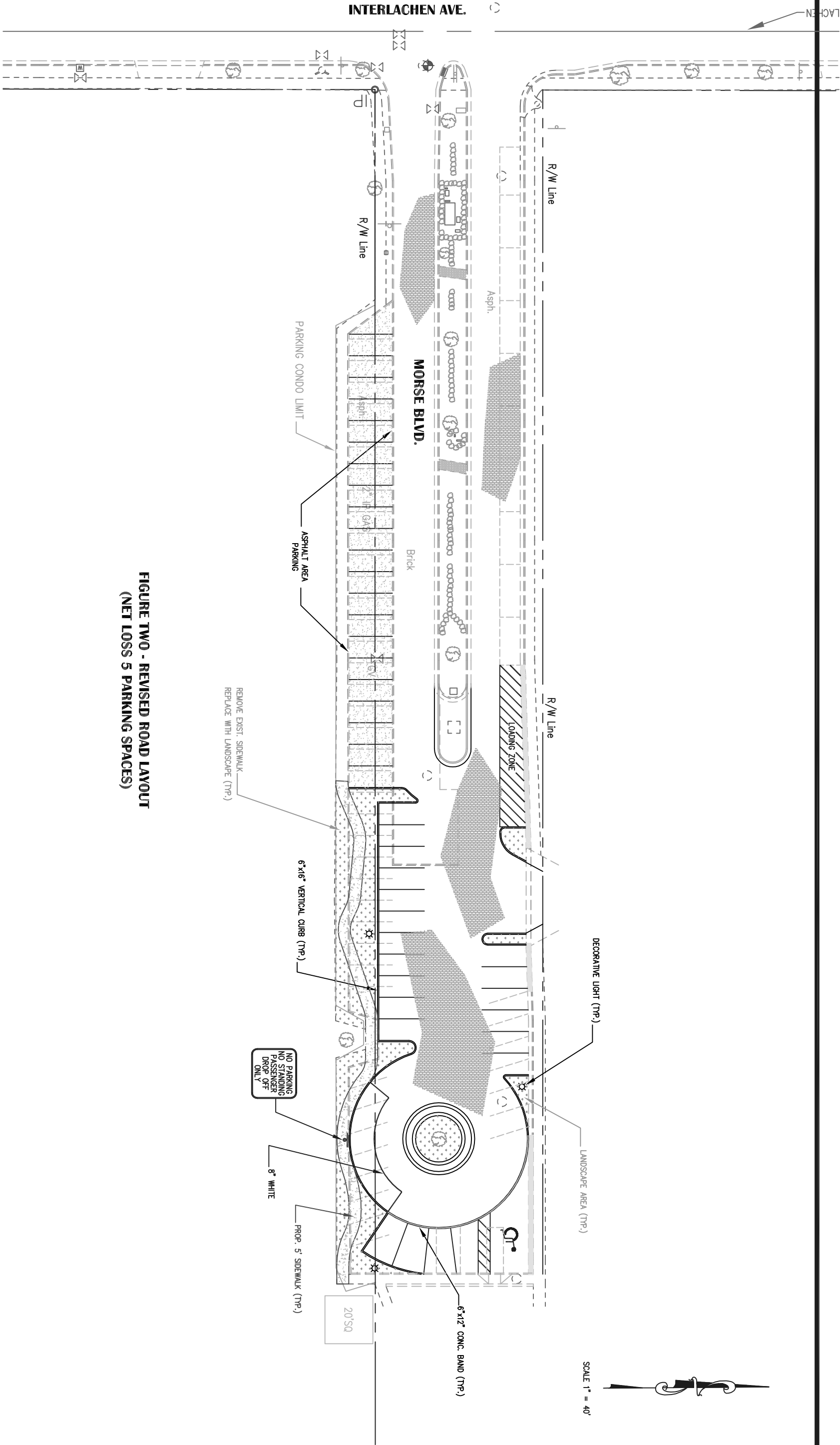



FIGURE TWO - REVISED ROAD LAYOUT
(NET LOSS 5 PARKING SPACES)

FILE NAME	MORSE INTER H11.DWG
PLOT CODE	40.PLT

DATE	REVISIONS	REVISED BY	CHKD. BY



City Of Winter Park

401 Park Avenue South
Winter Park, Florida 32789
Telephone (407) 623-3242

DESIGNED BY: HNN

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MORSE BLVD. - INTERLACHEN AVE.

STREETSCAPE PROJECT - SITE PLAN

City of Winter Park

Winter Park, Florida

PROJECT NUMBER

DATE MAY 2011

SCALE 1" = 40'

SHEET NO. 1 of 1

MORSE BOULEVARD
(EAST OF INTERLACHEN AVE.)
Cost Estimate

Cost of Roadway Improvement - OPTION ONE

	<u>Qty</u>		<u>Unit Cost</u>	<u>Total</u>
Brick and Road Work	1	ls	\$215,000.00	\$215,000.00
Decorative lighting	1	ls	\$28,000.00	\$28,000.00
			TOTAL	\$243,000.00

Cost of Roadway Improvement - OPTION TWO

	<u>Qty</u>		<u>Unit Cost</u>	<u>Total</u>
Concrete and Sidewalk	1	ls	\$14,000.00	\$14,000.00
Brick and Roadwork	1	ls	\$203,000.00	\$203,000.00
Landscape and Hard scape	1	ls	\$20,000.00	\$20,000.00
Decorative Lighting	1	ls	\$28,000.00	\$28,000.00
			TOTAL	\$265,000.00

Cost of Roadway Improvement - OPTION THREE

	<u>Qty</u>		<u>Unit Cost</u>	<u>Total</u>
Concrete Curb and Sidewalk	1	ls	\$14,000.00	\$14,000.00
Brick and Roadwork	1	ls	\$222,000.00	\$222,000.00
Landscape and Hard scape	1	ls	\$20,000.00	\$20,000.00
Decorative Lighting	1	ls	\$28,000.00	\$28,000.00
			TOTAL	\$284,000.00

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA RELATING TO THE ADOPTION OF A POLICY FOR COMPLIANCE WITH FLORIDA'S PUBLIC RECORDS ACT; PROVIDING FOR CODIFICATION, CONFLICTS AND AN EFFECTIVE DATE.

WHEREAS, the City Commission of the City of Winter Park, Florida finds that the City and its staff have a paramount duty to comply fully and effectively with the requirements of Florida's Public Records Act, Chapter 119, Florida Statutes; and

WHEREAS, the City has determined that it would be in the interest of the citizens of Winter Park and will promote greater efficiency in responding to requests for public records if a policy is adopted by the City and implemented by staff with respect to compliance with the law; and

WHEREAS, the City Clerk has developed a policy that is consistent with and supplements state law, said policy being attached as Exhibit "A" hereto and incorporated herein by reference; and

WHEREAS, the City Commission has determined that the Public Records Act fails to expressly address certain issues that arise when members of the public request public records, and this policy will greatly assist staff in responding efficiently and in a consistent manner to requests for public records; and

WHEREAS, the City Commission has determined that the policy developed by the City Clerk and attached as Exhibit "A" hereto is in compliance with Florida's Public Records Act, supplements the Act in a manner that is lawful and will promote efficiency, and is in the best interest of the citizens of Winter Park.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF WINTER PARK, FLORIDA, AS FOLLOWS

Section 1. Recitals. The foregoing recitals are incorporated herein by this reference.

Section 2. Adoption of the Public Records Act Policy. The policy concerning public records attached as Exhibit "A" hereto, is hereby enacted by Ordinance as the City's governing policy and local law when members of the public request the City's public records. This policy shall be supplemental to, and not in conflict with, state law, including Chapter 119, Florida Statutes.

Section 3. Codification. The policy attached as Exhibit "A" shall be codified in a new subsection 2-132(c) of the City Code. The policy shall be incorporated into the Winter Park City Code at subsection 2-132(c), and any section, paragraph number, letter or any heading within the policy may be changed or modified as necessary to effectuate

the foregoing. Grammatical, typographical and similar or like errors may be corrected when the policy is incorporated into the City Code, and additions, alterations and omissions not affecting the construction or meaning of this Ordinance and the City Code may be freely made.

Section 4. Severability. If any section, subsection, sentence, clause, phrase or portion of this ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, whether for substantive, procedural or any other reason, such portion shall be deemed a separate, distinct and independent provision and such holding shall not affect the validity of the remaining portion or portions hereof or hereto.

Section 5. Conflicts. All ordinances or parts of ordinances in conflict with any of the provisions of this Ordinance are hereby repealed.

Section 6. Effective Date of Ordinance. This ordinance shall become immediately upon adoption by the City Commission of the City of Winter Park, Florida, and pursuant to City Charter.

Adopted by the City Commission of the City of Winter Park, Florida in a regular meeting assembled on the ____ day of _____, 2011.

Mayor Kenneth W. Bradley

ATTEST:

Cindy Bonham, City Clerk

First reading: _____

Second reading: _____

EXHIBIT "A"
CITY OF WINTER PARK, FLORIDA
PUBLIC RECORDS REQUEST POLICY

1. INTRODUCTION

It is the policy of the City of Winter Park ("City") that all municipal records, with the exception of exempted records identified by Florida Statutes, §119.07 or other applicable sections of Florida Statutes, shall be open for personal inspection by any person.

"Public records" means all documents, papers, letters, maps, books, tapes, photographs, films, sound recordings, data processing software, or other material, regardless of the physical form, characteristics, or means of transmission, made or received pursuant to law or ordinance or in connection with the transaction of official business by the City. (F.S., §119.011(1)).

2. OBJECTIVE

The purpose of this policy is to affirm the public's right to access City records, to set forth the procedures that will facilitate accessibility of information to members of the public, and to establish fees to be levied by the City to cover the cost of responding to public records requests.

3. EFFECTIVE DATE

This Policy will become effective immediately upon adoption of the ordinance.

4. PROCEDURE

A. Processing Public Records Requests

The City Clerk/City Manager have the authority to determine that the request is routine and can appropriately be handled by a department head or other staff person at a department level. In that case, the person requesting public records will be directed to schedule a time to examine the records and to make copies at his or her cost (see costs below).

The City Clerk is the official custodian of all City records, and any person requesting records is on notice that there may be a delay in receiving access to public records if he or she requests records from someone other than the City Clerk.

Although requests are not required to be in writing, a written request will facilitate clear communication and a concise statement of what is being requested and is encouraged. Requestors should specify whether they wish to simply inspect records or obtain copies.

Any City employee who receives a request for this type of information should comply as soon as practicable. After assisting the requestor, staff should transmit information regarding any unusual requests to the City Clerk's office. The City Clerk will determine if the nature of the request requires a copy be sent to the City Attorney. The City Clerk does not need to be informed of routine requests; only ones requiring extensive time and research.

If Departments that have records in their possession indicate that the retrieval of the records will take more than 20 minutes in order to retrieve, produce, maintain custody of and to return the records, staff will provide the requestor with an estimate of the cost for doing such work. The estimate should include sufficient information so that the person requesting the records will understand the scope of work involved that justifies the estimate amount of time and deposit amount.

The person requesting can either schedule on a reasonable basis a review of the records (which will require supervision because of the need to maintain security of the records; and that time spent in supervising may trigger the right to receive a deposit for extraordinary work) or may pay for a copy of all the records with the cost of shipping added to the bill if it is mailed. Payment should be received before copies are made and mailed.

Departments should provide the City Clerk's office with the name and hourly pay rate of the employee who will be doing the retrieval for requests requiring a significant amount of time to complete. They should select the lowest paid employee capable of efficiently retrieving the records. No benefits multiplier shall be added to the labor charge. The City Clerk's office shall notify the requestor of the estimate and confirm whether the requestor is willing to pay the labor charges and copying charges, if any. A request will be made by the City Clerk for a deposit for extraordinary requests. The City Clerk's office will confirm with the requestor that the City must be paid in advance of the requestor's receipt of the records.

Exemptions must be identified promptly. Exceptions are generally found in Section 119.071, but there are other exemptions provided in the law. Requests for documents which may contain information which is exempt from disclosure under Florida law may be delayed until the records can be reviewed and redacted as necessary by the custodian of the records. The City Attorney's office should be contacted for clarification of exemptions under F.S. 119 that you are unsure of.

The Public Records Law does not require staff to create or reassemble records in a new format. The law only requires staff to provide access to records that already exist. Also, the Public Records Law does not require staff to answer questions or to conduct analysis.

Media Requests

Requests from the media for public records shall be handled consistently with the procedures outlined above. All staff members receiving a request directly from the media shall immediately inform the Communications Department of the request.

B. Charges for Public Records

(1) General

- a. The charge for a duplication of a one-sided letter size (8- 1/2" x 11"), legal size (8- 1/2" x 14") or oversize (11" x 17") document, capable of being reproduced on existing City equipment, shall be fifteen cents (\$.15) per copy. Duplication of two-sided pages shall be twenty (\$.20) per copy.
- b. For large, single documents not covered above (i.e. blueprints, maps, plats, etc.), the charge shall be the actual cost to the City for outside reproduction.

- c. For books and other multi-page volumes printed by the City (i.e. annual budget, growth management plan, various financial reports), the charge shall be the actual cost for outside reproduction.
- d. The charge for a certified copy of a public record shall be one dollar (\$ 1.00) per certification, plus the applicable copying charges.
- e. If documents are easily retrieved and readily available, there should be no charge unless there is a substantial amount of copies made, then only charge for the copies.

(2) *Multi-Media Public Requests*

- a. If a photographic reproduction is requested, the charge shall be the actual cost for outside reproduction.
- b. The charge for CD's is \$5.00 each. Copies of video tapes or other such media shall be the cost to the City, plus applicable labor charges.

(3) *Labor Charges*

For extraordinary requests requiring more than 20 minutes of staff time, a labor charge will be imposed. Such charge shall be the result of the employee's hourly rate of pay, and benefits, multiplied by the actual time worked to accommodate the request and measure in tenths of an hour. The benefits to be charged shall include all regular employee benefits that have an hourly dollar value, associated with the personnel performing the work, including health insurance and any pension or retirement contribution.

(4) *Revenue Collection and Receipts*

A receipt for payment of costs associated with Public Records shall be given to the requestor upon payment of the levied fee. All fees collected shall be forwarded to the Finance Department for deposit in the City's General Fund.

(5) *Access to Records*

- a. For the purpose of this policy, "reasonable" time to provide access to public records is during normal working hours — Monday — Friday, 8:00 a.m. — 5:00 p.m. At all times records will be inspected, reviewed and copied under supervision by the custodian of the public records requested, or the custodian's designee, pursuant to F.S. 19.07(4)(d).
- b. A reasonable special service charge will be imposed based on the actual labor cost for clerical personnel who may be required due to the nature or volume of a public records request to safeguard such records from loss or destruction during their inspection.

(6) *Uniform Application of Public Records Law*

The City will comply in a uniform manner to all requests for public records, and the charges authorized by law will be assessed and charged for all requests, including the requirement for a deposit for requests that require extensive clerical or

administrative time. However, notwithstanding the requirement the charges will be uniformly applied as allowed by law, the City Manager shall have the discretion to waive charges for public records that would be equal to one dollar (\$1.00) or less.

5. LAW ENFORCEMENT RECORDS

Copies of Law Enforcement records shall be subject to fees as outlined in F.S. 321.23. Media inquiries and public records requests received directly by the Police Department will be processed as outlined in Winter Park Police Department Standard Operating Procedures.

6. HEALTH ~~INSURANCE INFORMATION PRIVACY AND~~ PORTABILITY ~~AND ACCOUNTABILITY~~ ACT (HIPAA) PATIENT RECORD PACKAGE

All requests for patient records related City ambulance transport services are established in the City's fee schedule. The City is not a licensed medical provider as described in F.S. 458.309, 64B8-10.003 and therefore has established a separate fee for generating these records.

7. REFERENCE

Florida Public Records Law, Chapter 119, Florida Statutes.



BROWN, GARGANESE, WEISS & D'AGRESTA, P.A.

Attorneys at Law

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P.O. Box 2873
Orlando, Florida 32802-2873
Phone (407) 425-9566
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Usher L. Brown
Board Certified Civil Trial Lawyer

ulbrown@orlandolaw.net

May 17, 2011

Randy Knight, City Manager
Michelle del Valle, Assistant City Manager
Cindy Bonham, City Clerk
City of Winter Park
401 Park Avenue South
Winter Park, FL 32789

via email & regular U.S. Mail

Re: Board Ordinance

Dear Randy, Michelle and Cindy:

Enclosed please find the revised Board Ordinance. The changes include Commissioner McMacken's motion to amend calling for a standard City format for evaluations, and the removal of the reference to the Comprehensive Plan in the EDAB Board. I added to Division One that boards will have a minimum of seven members plus one alternate (unless the Charter or Florida law requires otherwise), and that boards with more members as of May 9, 2011, will continue to have that number; however, those larger boards that previously had no alternate will now have one alternate.

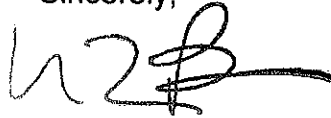
I have separated out fire and police pension boards in Division One, and left the number of members alone – we need to discuss whether these boards going forward will have seven members or, do we leave them at the existing five because of impact bargaining and other requirements? Let's discuss that, but the existing language is expansive enough where we can deal with that later.

May 17, 2011
Page 2

Lastly, I have shortened the Construction Board of Adjustments section to make it more consistent with the treatment afforded other quasi-judicial boards. I have provided that language as an alternative option for your consideration. If you want this alternative language in, let Tami know so that she can send that version to Ms. Bonham for the agenda.

Let me know if this is acceptable or if you want any other changes.

Sincerely,

A handwritten signature in black ink, appearing to read 'U2B' followed by a stylized flourish.

Usher L. Brown

ULB:tla
Enclosures

G:\Docs\City of Winter Park\Boards\Ordinance\ltr.knight del valle bonham with 5-12-11 revisions.wpd

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA CONSOLIDATING CITY BOARDS AND COMMISSIONS, DEFINING THE DUTIES OF BOARDS AND COMMISSIONS OF THE CITY OF WINTER PARK, AND REPEALING CERTAIN ORDINANCES AND RESOLUTIONS RELATING TO SUBSIDIARY BOARDS AND COMMISSIONS; PROVIDING FOR CONFLICTS, SEVERABILITY AND AN EFFECTIVE DATE.

WHEREAS, the City of Winter Park has at this time several ordinances and resolutions regarding City boards and commissions that are codified in several sections of the Code of the City of Winter Park; and

WHEREAS, the City has the authority under the City Charter, Section 2(b), Article VIII of the State Constitution, and Section 166.021(1), Florida Statutes, to exercise any power for municipal purposes except where expressly prohibited by law; and

WHEREAS, the City Commission has determined that it is in the interest of the residents of Winter Park and other persons doing business with the City to provide for a uniform and comprehensive division within the City Code, to the extent allowed by law, concerning all subsidiary boards and commissions of the City, and to provide for a consolidation of the rules pertaining to such boards.

NOW, THEREFORE, THE CITY COMMISSION OF THE CITY OF WINTER PARK, FLORIDA, HEREBY ORDAINS AS FOLLOWS

Section 1. Recitals. The recitals set forth above are hereby adopted and incorporated by reference.

Section 2. Replacement of Chapter 2, Article III. Chapter 2, Article III entitled “Boards and Commissions” in the City Code is hereby repealed, and is replaced with the following provisions:

DIVISION ONE

Establishment of City Boards

- a. Establishment of City Boards. There shall be established in this Division all boards of the City of Winter Park. If a board is required to be in existence by Florida Statute or City Charter, the section providing for the board shall so provide, as well as any special requirements. If, by Florida Statute or Charter there is a requirement with respect to the board that is different than the general rules in this Chapter and Article, then the requirements of State statute and the Charter shall control.
- b. List and Size of Boards Established. The following boards and number of members are established. The general requirements are specified in Division

Two herein and the board specific requirements are specified in Division Three. Unless the City Charter or state law requires a different number of members, each board shall have seven members and one alternate member, although boards that had more than seven members prior to May 9, 2011, shall continue to have the greater number of members plus one alternate, as shown hereinafter:

1. Board of Adjustments
2. Civil Service Board
3. Code Enforcement Board
4. Community Redevelopment Agency
5. Community Redevelopment Advisory Board
6. Construction Board of Adjustments and Appeals
7. Economic Development Advisory Board
8. Environmental Review Advisory Board – Nine members, one alternate
9. Ethics Advisory Board
10. Historic Preservation Advisory Board
11. Housing Authority Board
12. Independent Personnel Review Board
13. Keep Winter Park Beautiful Advisory Board – Eleven members, one alternate.
14. Lakes and Waterways Advisory Board
15. Parks and Recreation Advisory Board
16. Pedestrian and Bicycle Advisory Board
17. Planning and Zoning Board
18. Public Art Advisory Board – Eleven members, one alternate.
19. Tree Preservation Board
20. Utilities Advisory Board – Nine members, one alternate.
21. Winter Park Firefighters Pension Board
22. Winter Park Police Officers Pension Board

DIVISION TWO

General Rules Applicable to Subsidiary Boards of the City of Winter Park

- a. Date of Appointment of Members. With the exception of the Civil Service Board, the members of all boards of the City shall be appointed by the Mayor, subject to the approval of the City Commission, at the first Commission meeting in May of each year or as soon thereafter as possible and such members shall be seated at the first meeting following May 31st. The members of the Civil Service Board shall be appointed in December and be seated effective the third Tuesday in January.
- b. Removal of Members. Members of City boards shall serve at the will of the City Commission and shall be subject to removal at any time, with or without cause, by a majority vote of the City Commission. This provision is intended to be supplemental to, and not in conflict with, the provisions of Section 112.501, Florida Statutes, which concerns the procedure for removal or

suspension of a member of a municipal board for cause. In instances when a member is removed for cause, the procedures in Section 112.501, Florida Statutes shall apply.

- c. Resignations. Members of all boards shall be entitled to resign at any time by delivery of written notice thereof to the City Commission.
- d. Quorum. A quorum shall be a majority of the board in attendance physically at a meeting.
- e. Applicability of Rules of Ethics. No member shall take any action or vote if such vote or action is prohibited by a standard of conduct or voting conflict of interest as defined or prohibited in the Code of Ethics for Public Officers and Employees stated in Chapter 112, Florida Statutes, or if such action or vote is in violation of the Code of the City of Winter Park.
- f. Vacancies. The Mayor, subject to approval of the City Commission, shall promptly fill all vacancies, including alternate members, occurring on City boards. A vacancy shall be filled for the unexpired term of the member whose term becomes vacant.
- g. Automatic Advancement of Alternate In the Event of Vacancy. In the event a regular member of a board is removed from office or vacates his or her office prior to the end of the appointed term, the alternate of said board, will automatically advance to the vacated position for the remainder of the regular term without additional action of the City Commission. If there is no alternate, the Mayor shall appoint subject to Commission approval.
- h. Exception to Automatic Advancement. If a vacancy occurs in a board position within sixty (60) days before the end of the term of the member, the position shall remain vacant until filled as part of the regular appointment process by which the Mayor shall appoint the member, subject to the approval of the City Commission, at the first Commission meeting in May of each year.
- i. Representation By Member of Third Parties. No member of a board shall represent a third party in any proceeding before such board to which the member belongs.
- j. Role and Responsibility of Members of Subsidiary Boards of the City of Winter Park. Members of subsidiary municipal boards shall have such authority as provided by law, including ordinances of the City of Winter Park and the City Charter. No member of a board shall exceed his or her delegated authority, and except to the extent Florida law or an ordinance or Charter provision expressly requires the board to perform an adjudicatory function as a quasi-judicial board, the function and duty of each subsidiary board and the members of those boards is limited to acting in an advisory capacity only, by which the members of the various City boards are authorized to receive and gather information, attend board meetings, and apply their best efforts to render advice and recommendations to the Commission of the City of Winter Park in the interest of the City and its residents. Although City boards may make recommendations concerning provisions of the City Code, no member of a City board shall, by virtue of such office, have the authority to represent the City of Winter Park in any action to enforce the City Code or any provision thereof.

- k. Term In Office and Reappointment. Unless otherwise required by Florida Statutes or City Charter, each member of the City's boards shall have an initial term of three (3) years in office and may be reappointed to one (1) additional consecutive three (3) year term. Following a break in service of at least one (1) year, a former member may be appointed again to the same board subject to the limitation expressed herein, that the term shall be for three (3) years with an opportunity to be reappointed for one (1) three (3) year term immediately following the expiration of the initial three (3) year term. For good cause shown, the Mayor may waive this term limitation, subject to approval by majority vote of the Commission.
- l. Attendance, Participation By Telephone, and Procedures If There Is Lack Of A Quorum. Each member of a City board shall be automatically terminated from the board if the member misses three (3) consecutive meetings. Each member of a City board may participate in a meeting by telephone if he or she gives good cause for the need to appear by telephone, and in such instances the appearance by telephone shall be counted as the member being present at the meeting. However, a member participating by telephone may only vote if a physical quorum is present at the meeting, and votes and other action may not be taken at a meeting unless a quorum of members is physically present at the meeting. Notwithstanding, if a quorum is not physically present, the members who are in attendance may vote to adjourn the meeting for lack of a quorum. And, so long as a meeting is properly noticed and is in compliance with the requirements of the Sunshine Law, less than a quorum of a board may meet for purposes of discussion so long as there is no action or vote taken at such meeting.
- m. Evaluation Process. Each City board shall make provision for an annual self-evaluation process by which it and the individual board members are evaluated, and the activity and accomplishments of each board shall thus be annually evaluated and reported to the Commission. The City Manager shall work with the presiding officer or designee of each City board to insure that the report concerning the evaluation of each board member and each board is presented to the City Commissioner prior to the first day of April each year to insure that the information is available before the annual appointment of members at the first meeting in May of each year. The City Manager shall develop a standard City form and format for evaluations that will be used for each subsidiary board of the City. The City Manager shall recommend the evaluation instrument and format and the City Commission shall approve the same with such revisions as the Commission determines may be appropriate.
- n. Task Forces. The City Commission may, from time to time, establish a task force for the study of a particular issue. A task force established by the City Commission will have a limited scope of responsibility and will address only the issue or issues designated, and following the study of such matters shall report the findings of the task force to the Commission with recommendations. Unless otherwise established by the City Commission or extended by action of the Commission, no task force shall continue in existence beyond one hundred eighty (180) consecutive calendar days

- following the effective date of the decision, Resolution or Ordinance providing for the establishment of the task force.
- o. Sunset Of Boards Unless A Board Is Required By Statute Or Charter. Except for those boards that are required to be in existence pursuant to Florida Statute or City Charter, each City board shall sunset and terminate every five (5) years following May 1, 2011, unless the board is renewed by a majority vote of the Commission. This will allow the Commission to evaluate the effectiveness and need for the particular board on a regular basis. Notwithstanding this provision, any advisory board may be terminated at any time by a majority vote of the City Commission, unless such board is required by Florida statute or charter. The following quasi-judicial boards will not sunset: Planning and Zoning; Board of Adjustments and Appeals; Code Enforcement; Civil Service; Lakes and Waterways Advisory Board (to the extent it hears stormwater fees appeals). Additionally, without compliance with law, the Community Redevelopment Agency and the Housing Authority may not be terminated.
 - p. Expenses and Reimbursement. No member of any board shall receive a salary or fee for service as a member. However, the City Manager may authorize reimbursement of necessary expenses for travel, per diem or other expenses if the same are documented in advance and approved by the City Manager in writing in advance of the member incurring such expense while on official business for the City, it being a requirement that no expense will be reimbursable unless it is reasonably related to City business performed by a member of a subsidiary board of the City of Winter Park.
 - q. Internal Rules of Conduct. Each board shall adopt such rules as are necessary to the conduct of its business. Each board shall elect a chair and vice chair from its membership on an annual basis. All meetings of the board shall be in accordance with the Sunshine Law, Section 286.011, Florida Statutes, and the records thereof shall be public records as required by Chapter 119, Florida Statutes, unless the record is specifically subject to a statutory exemption. The City Manager, City Attorney and/or a designated City staff member shall be reasonably available upon request to provide technical support and advice to assure each board that it is operating in conformance with the requirements of law. Each board shall be responsible to keep minutes of its proceedings as required by law, showing at a minimum the date, time and place of the meeting, members physically in attendance, appearing by telephone, and absent, and also showing each matter discussed, moved, and voted upon. The records of each matter voted upon shall show the vote of each member on each question, and those members absent or abstaining or otherwise failing to vote. All of such records shall be kept, and the minutes and records of official actions shall be public records and retained in the office of the City Clerk.
 - r. Residency Requirement. Unless non-residency in the City of Winter Park is a requirement of or allowed by the City Charter, Florida Statutes or Division Three hereof, the Mayor shall appoint to the City Boards persons who are residents in the City of Winter Park.

- s. Provision Of Legal and Staff Services. To the extent not specifically mentioned in Division Three of this Chapter and Article, a subsidiary board of the City of Winter Park may request from the City Manager that the City Manager direct staff or the City Attorney to provide technical and legal support to the board with respect to such matter or matters that may be identified by the board.
- t. Frequency Of Meetings. Unless otherwise provided with respect to a specific board of the City of Winter Park, each board shall provide in its internal rules of procedure the frequency and schedule for its meetings. The board shall notify the City Clerk and City Manager in writing with respect to the schedule of meetings established by such board. Unless a board determines otherwise for good cause, it shall meet monthly. However, if it is not necessary to hold monthly meetings to conduct the business of the board, the board shall provide for an alternative schedule of meetings.

DIVISION THREE

Description of City Boards

- a. Divisions One and Two Apply To All City Boards. Except as otherwise provided in this Division, the Charter, or Florida Statutes, the requirements governing City boards stated in Divisions One and Two of this Chapter and Article shall apply to each City board.
- b. Board of Adjustments. There is established within the City of Winter Park, pursuant to the provisions hereof, a Board of Adjustments, subject to the following provisions:
 - (1) Membership. The number of members and the procedures for appointment thereof shall be in accordance with the provisions in Divisions One and Two hereof.
 - (2) Quasi-Judicial Proceedings. The Board of Adjustments shall conduct its quasi-judicial proceedings in conformance with the requirements of Florida law. The City Manager and City Attorney shall provide technical support and resources upon request to assure that the quasi-judicial activity of the Board of Adjustments is in accordance with the requirements of Florida law.
 - (3) Authority. The Board of Adjustments shall have the jurisdiction to hear appeals in specific cases where an owner or authorized owner's representative requests a variance from sections of the Land Development Code. A request for variance shall be subject to the requirements of the public interest and the Land Development Code, and may be appropriate where, because of special conditions, an interpretation of the provisions of the Code relating to zoning or signs will result in an unnecessary hardship.
 - (4) Scope Of Relief. A variance is authorized to be issued by the Board of Adjustments only for height, area, size of structure, size of yards or landscaped open spaces, size of impervious surfaces and number of parking spaces, or the size of a particular sign. Establishment or

expansion of a use otherwise prohibited shall not be allowed by variance, nor shall a variance be granted because of the presence of non-conformities in the zoning district or uses in an adjoining zoning district.

- (5) Procedures. The Board of Adjustments shall establish rules and regulations for its own procedures, so long as its rules and regulations are not inconsistent with any provision of the Code of the City of Winter Park, the Charter of the City of Winter Park, and Florida law. The Board of Adjustments shall meet as soon as reasonably possible after a request for variance in accordance with the requirements of the Land Development Code has been received, and shall endeavor to hear such matters within thirty (30) calendar days after a request for a variance is filed. However, for good cause shown, the Board of Adjustments may continue a proceeding for a reasonable period of time, either on the motion of a party, or in the interest of justice, which may include the reasonable need to delay the hearing to facilitate the receipt of complete information necessary for rendering a decision.
- (6) Procedure For Requesting Variance. The procedure for requesting a variance shall be set out in the City's Land Development Code.
- (7) Decisions. The Board of Adjustments shall reach a decision without unreasonable or unnecessary delay. Each decision of the Board shall be in writing and shall include the reasons for the decision. Each decision will be filed promptly in writing with the City Clerk and City Manager, or designee of the City Manager, and open to public inspection. A copy of the decision will be sent by mail or hand delivery to the party requesting a variance.

Review of each decision of the Board of Adjustments shall be in accordance with the City Code, including its Land Development Code.

- (8) Incorporation Into Land Development Code. The requirements and procedures set out in Chapter 58 of the Code of the City of Winter Park, entitled the "Land Development Code", including Article III thereof for zoning, shall apply to the conduct of the business of the Board of Adjustments, and all of the activity of the Board of Adjustments shall be subject to the provisions of the City's Land Development Code, including the provisions concerning notice and procedures stated in Sections 58-91 and 58-92 of the City Code. By this reference this section is incorporated into the City's Land Development Code.

c. Civil Service Board. There is established pursuant to the authority in Article 3, Section XIV of the Florida Constitution, and Section 4.07 of the City Charter, a Civil Service Board, subject to the following provisions:

- (1) Membership. Membership of the Civil Service Board shall be as provided in Section 74-52 of the City Code. The provisions of Divisions One and Two hereof shall apply to the extent those general provisions are not in conflict with Section 74-52 of the City Code. In the event of any conflict between Division One and Section 74-52, the provisions of Section 74-52 of the City Code shall control. The Civil Service Board

shall have seven (7) members. Five (5) members shall be appointed by the City Commission in the manner provided in Division One of this Chapter and Article and Article, and such appointees shall be persons of different vocations residing in the City who are not employed by the City. The remaining two (2) members shall be chosen, one (1) by the members of the police department and one (1) by the members of the fire department, according to election procedures set out in Chapter 74, Article III, Section 74-51, et seq., of the City Code. The Chief of Police and Chief of the Fire Department shall be ex officio members of the Civil Service Board and shall be permitted to address matters in any proceeding, but shall have no vote. The terms of all civilian members of the Board will be three (3) years and each term shall commence on the third Tuesday in January. The terms of the police and fire department members shall be for one (1) year. The remaining details concerning membership are set out in Section 74-52 of the City Code.

- (2) Quasi-Judicial Proceedings. The Civil Service Board shall conduct its quasi-judicial proceedings in conformance with the requirements of Florida law. The City Manager and City Attorney shall provide technical support and resources upon request to assure that the quasi-judicial activity of the Civil Service Board is in accordance with the requirements of Florida law.
- (3) Authority. The Civil Service Board shall have such authority and responsibility as set out in Chapter 74, Article III, Sections 74-51, et seq., of the City Code, which concerns the Civil Service Board, and shall abide by the procedural and substantive requirements set out in said sections in Chapter 74 relating to the Board. To the extent the general provisions in Divisions One and Two hereof are not in conflict with Chapter 74, then the provisions in Divisions One and Two shall apply, but only to the extent that such provisions supplement and are not in conflict with the provisions of Chapter 74.

d. Code Enforcement Board. There is established within the City of Winter Park pursuant to Section 162.05, Florida Statutes, and by the authority of the City Commission, a Code Enforcement Board, subject to the following provisions:

- (1) Membership. The number of members and the procedures for appointment thereof shall be in accordance with the provisions in Divisions One and Two hereof. Members shall be residents of the City. In accordance with subsection 162.05(2), Florida Statutes, the membership of the Code Enforcement Board shall, whenever possible, include an architect, a businessperson, an engineer, a general contractor, a subcontractor, and a realtor.
- (2) Quasi-Judicial Proceedings. The Code Enforcement Board shall conduct its quasi-judicial proceedings in conformance with the requirements of Florida law. The City Manager and City Attorney shall provide technical support and resources upon request to assure that the quasi-judicial activity of the Code Enforcement Board is in accordance with the requirements of Florida law.

- (3) Authority. The Code Enforcement Board shall have such responsibility and jurisdiction to respond to such matters as are set out in Chapter 162, Florida Statutes, and, Chapter 2, Article III, Sections 2-101, et seq., of the City Code. In performing its function, the Code Enforcement Board shall be governed by the procedures set out in Florida law and Sections 2-101, et seq., of the City Code.

The provisions in Division Two of this Chapter and Article shall apply to the conduct of the Code Enforcement Board except to the extent that the provisions in Divisions One and Two conflict with a provision in Chapter 2, Article III, Sections 2-101, et seq., of the City Code or Florida law.

- e. Community Redevelopment Agency. There is established within the City of Winter Park pursuant to the provisions hereof, a Community Redevelopment Agency, subject to the following provisions:

- (1) Membership. Pursuant to Section 163.356, Florida Statutes, the term of office of the members of the Community Redevelopment Agency shall be for four (4) years, and the members are referred to as commissioners in said statute. The City Commission shall serve as five (5) commissioners on the Community Redevelopment Agency, and the County shall appoint the sixth (6th) commissioner to the Agency. The City Commission may remove a commissioner of the Community Redevelopment Agency for inefficiency, neglect of duty, or misconduct in office only after a hearing, and only if he or she has been given a copy of the charges at least ten (10) days prior to such hearing and has had an opportunity to be heard in person or by counsel, as provided in subsection 163.356(4), Florida Statutes. Otherwise, the provisions in Divisions One and Two hereof shall apply to the Community Redevelopment Agency.
- (2) Scope Of Authority. The Community Redevelopment Agency shall constitute a separate and distinct entity to the extent provided under Florida law and shall have such powers as are provided to community redevelopment agencies as set out in Part III, of Chapter 163, Florida Statutes, Sections 163.330, et seq., relating to community redevelopment.

- f. Community Redevelopment Advisory Board. There is established within the City of Winter Park, pursuant to the provisions hereof, a Community Redevelopment Advisory Board, subject to the following provisions:

- (1) Membership. The number of members and the procedures for appointment thereof shall be in accordance with the provisions in Division One of this Chapter and Article and Article.
- (2) Advisory Board. The Community Redevelopment Advisory Board is an advisory body and shall, after receiving such information as it deems appropriate, and following due deliberation in accordance with its internal rules and procedures, give advice and recommendations to the City Commission concerning matters related to community

redevelopment. The Community Redevelopment Advisory Board shall have no adjudicatory or enforcement authority.

- (3) Procedures. The procedures and rules for operation of the Community Redevelopment Advisory Board shall be in accordance with the general requirements stated in Division Two hereof.

g. Construction Board of Adjustments and Appeals.

- (1) Membership. The number of members and the procedures for appointment thereof shall be in accordance with the provisions in Divisions One and Two of this Chapter and Article.
- (2) There is established a board to be called the Construction Board of Adjustments and Appeals. This Construction Board of Adjustments and Appeals shall be deemed a “local construction regulation board” as defined in Section 489.101(12), Florida Statutes, which means a board composed of not fewer than three (3) residents of the City, appointed to maintain the proper standard of construction within the City of Winter Park. To the extent reasonably possible, the Construction Board of Adjustments and Appeals shall consist of residents, at least one of whom is a practicing architect, one a structural engineer, one a licensed general contractor, and the remaining two positions consisting of a master electrician, master plumber, or mechanical contractor or mechanical engineer.
- (3) Quasi-Judicial Proceedings. The Construction Board of Adjustments and Appeals shall comply with the requirements of Florida law in the conduct of quasi-judicial proceedings in all matters deemed quasi-judicial, including appeals from the enforcement of the application of any provision of an applicable building code, and a request for a modification of an order of the building official. Upon request, the City Attorney or City Manager will provide technical support and advice to the Construction Board of Adjustments and Appeals for purposes of conducting quasi-judicial proceedings in accordance with the requirements of Florida law.
- (4) Secretary of the Construction Board of Adjustments and Appeals. The building official shall act as secretary of the Construction Board of Adjustments and Appeals and shall be responsible to make minutes of the official proceedings of the Board as required by law. The Construction Board of Adjustments and Appeals shall notify all persons who appear before it that it is the obligation of a party to insure that a court reporter or other means for a verbatim transcript acceptable to a court is available if a party wishes to make a record for judicial review of any action.
- (5) Authority. The Construction Board of Adjustments and Appeals shall have the power to hear appeals of decisions and interpretations of the building official of the Florida Building Code as modified by the City of Winter Park, and shall also have the authority to suspend or revoke the certificate of competency or certification to provide services within the City of Winter Park of any contractor, including any specialty contractor

doing work in the City who is found by the Construction Board of Adjustments and Appeals to be guilty of one or more of the following acts or omissions:

- (A) Fraud or deceit in obtaining a certificate of competency.
- (B) Negligence, incompetence, or misconduct in the practice of contracting within the meaning of the City's Code, including its Land Development Code.
- (C) Willful and deliberate disregard of, or violation of the City's Code, including its Land Development Code, or of any state statute concerning contractor licenses.

- (6) Decision of the Building Official. An owner of a building, structure, service system or other construction component, or duly authorized agent thereof, may appeal a decision of the building official to the Construction Board of Adjustments and Appeals whenever any of the following conditions are alleged:

- (A) It is alleged that the building official rejected or refused to approve the mode or manner of construction proposed to be followed or materials to be used in the installation or alteration of a building, structure or service system.
- (B) It is alleged that the provisions of the City Code do not apply to the specific case at issue.
- (C) It is alleged that an equally good or more desirable form of installation or construction may be employed in the specific case at issue.
- (D) It is alleged that the intent or meaning of the building code or any of the regulations thereunder are misconstrued or incorrectly interpreted by the building official.

- (7) Procedures. The Construction Board of Adjustments and Appeals shall establish rules and regulations for its own procedure, but its rules and regulations must be consistent with any provision of the Code and Charter of the City of Winter Park, and Florida law. The Construction Board of Adjustments and Appeals shall meet as soon as reasonably possible after a notice of appeal is received, and shall endeavor to hear appeals within thirty (30) calendar days after an appeal is filed. However, for good cause shown the Construction Board of Adjustments and Appeals may continue appeals for a reasonable period of time, either on the motion of a party, including the building official, or in the interest of justice, which may include the reasonable need to delay the hearing to facilitate the receipt of complete information necessary for rendering a decision.

- (8) Procedures for Filing Notice of Appeal. The notice of appeal shall be in writing and filed within thirty (30) calendar days after the first occasion on which the subject decision at issue is rendered by the building official. The appeal shall contain sufficient information such that the building official may reasonably understand the issue presented for appeal and the general nature of the argument and alternative proposals

made by the party initiating the appeal. If the building official requires clarification of the appeal, he shall request clarification from the party making the appeal within three (3) business days from the date on which the appeal is filed. The appellant shall thereafter have ten (10) business days to file the clarification requested by the building official, and if the clarification is filed timely, then the appeal shall be considered timely.

- (9) Unsafe Or Dangerous Buildings Or Service Systems. If a building, structure or service system is unsafe, unsanitary or dangerous in the opinion of the building official, then the building official shall have the authority to order a shorter period of time for the appeal, which shortened period of time shall be reasonable under all of the circumstances presented, and the building official under such conditions may order a suspension of the work pending the resolution of the appellate process.
- (10) Decisions. The Construction Board of Adjustments and Appeals shall reach a decision without unreasonable or unnecessary delay. Each decision of the Construction Board of Adjustments and Appeals shall be in writing and shall include the reasons for the decision. If the decision reverses or modifies a refusal, order or disallowance originally made by the building official, or varies the application of any provision of the Code, the building official shall immediately take action in accordance with the decision. Each decision will be filed promptly in writing in the office of the building official and open to public inspection. A copy of the decision will be sent by mail or hand delivery to the appellant, and a copy shall be maintained as a public record in the office of the building official.

Each decision of the Construction Board of Adjustments and Appeals is final, subject to such remedies as the aggrieved party may have in law or equity. Appeals from the decisions of the Construction Board of Adjustments and Appeals relating to the Florida Building Code, other than appeals regarding local amendments to the Building Code, may be appealed to the Florida Building Commission pursuant to Section 120.569, Florida Statutes. Other decisions may be subject to judicial review as provided by law.

- (11) Incorporation Into Land Development Code. These provisions relating to the Construction Board of Adjustments and Appeals shall be deemed to be a part of the City's Land Development Code and are incorporated into the Land Development Code by this reference.
- h. Economic Development Advisory Board. Pursuant to the authority of the City Commission, there is established within the City of Winter Park, an Economic Development Advisory Board, subject to the following provisions:
- (1) Membership. The number of members and the procedures for appointment thereof shall be in accordance with the provisions in Division One of this Chapter.

- (2) Advisory Board. The Economic Development Advisory Board is an advisory board and shall, after receiving such information as it deems appropriate, and following due deliberation in accordance with its internal rules and procedures, give advice and recommendations to the City Commission concerning economic development. The Economic Development Advisory Board shall have the authority to establish other areas of interest that it deems relevant in the interest of the City of Winter Park and its residents with respect to quality and sustainable economic development consistent with the goals and objectives of the City of Winter Park and the Charter thereof. The Economic Development Advisory Board shall have no adjudicatory or enforcement authority.
 - (3) Procedures. The procedures and rules for operation of the Economic Development Advisory Board shall be in accordance with the general requirements stated in Division Two of this Chapter.
- i. Environmental Review Advisory Board. Pursuant to the authority of the City Commission, there is established within the City of Winter Park, an Environmental Review Advisory Board, subject to the following provisions:
 - (1) Membership. The number of members and the procedures for appointment thereof shall be in accordance with the provisions in Division One of this Chapter.
 - (2) Advisory Board. The Environmental Review Advisory Board is an advisory board and shall, after receiving such information as it deems appropriate, and following due deliberation in accordance with its internal rules and procedures, give advice and recommendations to the City Commission concerning matters related to a sustainable quality environment within Winter Park, and shall inform, educate and advise the City, public and private organizations, and the City Commission, regarding matters and issues of importance with respect to maintaining and improving the environment of the City of Winter Park with respect to all of the natural resources within the City. Although other boards within the City may have interest in specific issues and matters related to natural resources, the Environmental Review Advisory Board shall have the responsibility to review and advise the City Commission with respect to all of the City's natural resources, with a special focus on matters that are of City-wide environmental concern or implication.
 - (3) Procedures. The procedures and rules for operation of the Environmental Review Advisory Board shall be in accordance with the general requirements stated in Division Two of this Chapter.
- j. Ethics Advisory Board. Pursuant to the City Charter, there is established within the City of Winter Park an Ethics Advisory Board, subject to the following provisions:
 - (1) Membership. The number of members and the procedures for appointment thereof shall be in accordance with the provisions in Division One hereof.

- (2) Advisory Board. The Ethics Advisory Board is an advisory body and shall, after receiving such information as it deems appropriate, and following due deliberation in accordance with its internal rules and procedures, give advice and recommendations to the City Commission concerning matters related to ethics in the governance of the City of Winter Park. The Ethics Advisory Board shall have no adjudicatory or enforcement authority.
 - (3) Procedures. The procedures and rules for operation of the Ethics Advisory Board shall be in accordance with the general requirements stated in Division Two hereof.
- k. Historic Preservation Advisory Board. There is established within the City of Winter Park, pursuant to the provisions hereof, a Historic Preservation Advisory Board, subject to the following provisions:
- (1) Membership. The number of members and the procedures for appointment thereof shall be in accordance with the provisions in Divisions One and Two of this Chapter and Article.
 - (2) Members of the Historic Preservation Advisory Board shall be residents of the City and shall have demonstrated civic pride, interest in historic preservation, and the knowledge, experience and mature judgment to act in the public interest to make informed, and equitable decisions concerning the conservation of historic resources.
 - (3) At a minimum, one (1) member of the Historic Preservation Advisory Board shall be an architect. Other members may have experience, expertise or demonstrated interest in one or more areas such as architecture, history, archaeology, urban planning, landscape, historic preservation, real estate, law, cultural anthropology and building construction.
 - (4) Functions, Powers and Duties Of the Historic Preservation Board. The Historic Preservation Advisory Board shall be responsible for the development and administration of a comprehensive historic preservation program, and shall identify and maintain the City's historic resources for the benefit of both present and future residents. The responsibility of the Historic Preservation Advisory Board shall include the following:
 - (A) The Historic Preservation Advisory Board shall recommend to the City Commission incentives for historic preservation, and shall recommend for or against rezonings, demolitions, developments, lot splits, lot consolidations or conditional uses that could impact historic resources identified in the Florida Master Site File survey of the City of Winter Park. In conducting these responsibilities, the Historic Preservation Advisory Board shall be an advisory board.
 - (B) The Historic Preservation Advisory Board shall identify potential historic landmarks and potential historic districts for designation, and will provide assistance to and education of owners of properties for potential designation. In providing these services,

the Historic Preservation Advisory Board shall act as an advisory and educational board and shall not have adjudicatory or enforcement authority.

- (C) The Historic Advisory Preservation Board shall develop and maintain a register of historic places within the City of Winter Park and will review National Register nominations within the City. These functions shall be advisory only.
- (D) The Historic Preservation Advisory Board shall recommend guidelines based upon the Secretary of the Interior's Guidelines for use in reviewing applications for certificates of review. The Historic Preservation Advisory Board may suggest to the City Commission other guidelines to be used in reviewing applications, but in this function the Historic Preservation Advisory Board is advisory in nature and does not have adjudicatory or enforcement functions.
- (E) The Historic Preservation Advisory Board shall review applications for certificates of review for designated landmarks, resources and property within designated districts, and shall give advice and recommendations concerning the same to the City Commission.
- (F) The Historic Preservation Advisory Board shall review requests for variances that may be appropriate for the preservation of historic resources in conjunction with applications for certificates of review, and shall make such recommendations to the Board of Adjustments and the City Commission as may be appropriate in the determination of the Historic Preservation Advisory Board. In conducting this function, the Historic Preservation Advisory Board is advisory in nature only, and does not have quasi-judicial or enforcement authority.
- (G) The Historic Preservation Advisory Board will conduct ongoing surveys and inventory of historically, culturally or architecturally significant buildings, structures, districts and archaeological sites within the City, and shall coordinate survey results with the Florida Master Site File.
- (H) The Historic Preservation Advisory Board may request the City Manager to provide funds, technical support, consultants and staff with professional expertise as may be necessary to conduct projects determined by the Historic Preservation Advisory Board to be advisable. The Historic Preservation Advisory Board does not have the authority to incur expenses on behalf of the City of Winter Park, but may recommend such projects to the City Manager as it deems to be in the interest of the City of Winter Park, consistent with the mission of the Historic Preservation Advisory Board.
- (I) The Historic Advisory Preservation Board will develop educational programs to stimulate public interest and involvement

in the City's history and preservation, and shall develop programs to continuously inform the public of the City's preservation opportunities and the activities of the Historic Preservation Advisory Board.

- (J) The City Manager may authorize the Historic Preservation Advisory Board or members thereof to work with other local governments or state and federal government authorities with respect to preservation activities, and the City Manager may authorize the expenditure of City funds for such purpose.
- (K) The members of the Historic Preservation Advisory Board are encouraged to attend relevant educational meetings, workshops and conferences, and the City Manager may authorize, subject to the requirements in Division One of this Chapter and Article and Article, the expenditure of City funds for such purposes.

l. Housing Authority Board. There is established within the City of Winter Park pursuant to the provisions hereof, a Housing Authority Board subject to the following provisions:

- (1) Membership. The provisions of Division One of this Chapter and Article shall apply to the membership and means of appointment thereof, subject to the provisions in Chapter 421, including Section 421.05, Florida Statutes.
- (2) Independent Authority. The Housing Authority Board is an independent housing authority established pursuant to Chapter 421, Florida Statutes.
- (3) Declaration Of Need. Pursuant to Section 421.04, Florida Statutes, the City declares that there is a need for the establishment of the Housing Authority Board pursuant to the requirements and provisions of Chapter 421, Florida Statutes.
- (4) Authority and Scope Of Responsibility. The Housing Authority Board shall perform such duties and have such functions as are provided under Florida law for housing authorities, including those requirements specified in Chapter 421, Florida Statutes and rules promulgated by administrative agencies of the State of Florida pursuant to Chapter 421.
- (5) Incorporation of Division Two of this Chapter and Article. The provisions of Division Two of this Chapter and Article are incorporated herein, and shall apply except to the extent of any conflict with state law, in which event any conflicting provision of state law shall control.

m. Independent Personnel Review Board. There is established within the City of Winter Park, pursuant to the provisions hereof, an Independent Personnel Review Board pursuant to the requirements in Section 4.05 of the City Charter and Chapter 74, Article II, Sections 74-26, et seq., of the City Code, subject to the following provisions:

- (1) Membership. The Independent Personnel Review Board shall consist of the five non-city employee members of the Civil Service Board.
- (2) Quasi-Judicial Proceedings. The Independent Personnel Review Board shall conduct its quasi-judicial proceedings in conformance with the requirements of Florida law and Chapter 74, Article II, Section 74-26, et

seq., of the City Code. The City Manager and City Attorney shall provide technical support and resources upon request to assure that the quasi-judicial activity of the Independent Personnel Review Board is in accordance with the requirements of Florida law.

- (3) Authority and Responsibility. The duties and responsibility of the Independent Personnel Review Board are set out in Chapter 74, Article II, Sections 74-26, et seq., of the City Code and Section 4.05 of the City Charter. These provisions in the Code and Charter are incorporated herein and shall control the operation of this Independent Personnel Review Board.

n. Keep Winter Park Beautiful Advisory Board. Pursuant to the authority of the City Commission, there is established within the City of Winter Park, a Keep Winter Park Beautiful Advisory Board, subject to the following provisions:

- (1) Membership. The number of members and the procedures for appointment thereof shall be in accordance with the provision in Division One of this Chapter.
- (2) Advisory Board. The Keep Winter Park Beautiful Advisory Board is an advisory board, and shall, after receiving such information as it deems appropriate, and following due deliberation in accordance with its internal rules and procedures, give advice and recommendations to the City Commission concerning matters related to the promotion of beautification and maintenance of the beauty of the City of Winter Park, including but not limited to advice regarding the maintenance and improvement of the appearance of the public spaces within the City. The Keep Winter Park Beautiful Advisory Board shall have no adjudicatory or enforcement authority. However, the Keep Winter Park Beautiful Advisory Board shall have the authority to develop and explore opportunities for fundraising and other awareness programs, but all of such opportunities shall be subject to the ordinances, resolutions and policies for such purposes established from time to time by the City Commission, and the Keep Winter Park Beautiful Advisory Board shall have no authority to commit or obligate the City with respect to the terms, conditions, or any other matters related to fundraising or commitments or agreements related to fundraising. The role and function of this Board with respect to fundraising is to explore opportunities and to give advice and make recommendations to the City Commission, and in all instances the City Commission shall be the responsible entity to enter specific fundraising programs on behalf of the City of Winter Park.
- (3) Procedures. The procedures and rules for operation of the Keep Winter Park Beautiful Advisory Board shall be in accordance with the general requirements stated in Division Two of this Chapter.

o. Lakes and Waterways Advisory Board. Pursuant to the authority of the City Commission, there is established within the City of Winter Park, a Lakes and Waterways Advisory Board, subject to the following provisions:

- (1) Membership. The number of members and the procedures for appointment thereof shall be in accordance with the provisions of Division One of this Chapter.
 - (2) With Exception This Is An Advisory Board. The Lakes and Waterways Advisory Board is an advisory board with one exception, and shall, after receiving such information as it deems appropriate, and following due deliberation in accordance with its internal rules and procedures, give advice and recommendations to the City Commission related to the protection and improvement of the City's lakes and waterways, with the goal of fostering, maintaining and improving the public stewardship, protection, long-range planning and careful oversight of the implementation of improvement projects for lake and stormwater management. The City acknowledges that the lakes and waterways within the City are a natural resource of great significance. As an exception to the general rule that this is an advisory board, the City Commission may, by ordinance or resolution, assign a quasi-judicial function to this Board with respect to appeals of decisions related to stormwater fees.
 - (3) Quasi-Judicial Proceedings With Respect to Stormwater Fees and Appeals Thereof. To the extent the City Commission by ordinance shall provide that this Board will sit as a quasi-judicial body and consider appeals from decisions related to stormwater fees, then in such cases the Board shall conduct the quasi-judicial proceedings in conformance with the requirements of Florida law. The City Manager and City Attorney shall provide technical support and resources upon request to assure that the quasi-judicial activity of the Board is in accordance with the requirements of Florida law. In such proceedings, the Board shall be governed by the substantive and procedural requirements set out in the City Code, including those provisions set out in Chapter 102, Sections 102-156 through 102-164, as these provisions may be amended from time to time by the City Commission. The provisions hereof are deemed to be incorporated by reference into Chapter 102 of the City Code, relating to stormwater fees and appeals from decisions related to stormwater fees.
 - (4) Procedures. The procedures and rules for operation of the Lakes and Waterways Advisory Board shall be in accordance with the general requirements stated in Division Two of this Chapter, and in accordance with the requirements under Florida law for quasi-judicial proceedings when the Board hears appeals from stormwater fee decisions if such appeals are referred to the Board pursuant to City ordinance or resolution.
- p. Parks and Recreation Advisory Board. There is established within the City of Winter Park, pursuant to the provisions hereof, a Parks and Recreation Board, subject to the following provisions:

- (1) Membership. The Parks and Recreation Advisory Board shall be established in accordance with the requirements in Division One of this Chapter.
 - (2) Advisory Board. The Parks and Recreation Advisory Board is strictly an advisory board and shall have no adjudicatory or enforcement authority. If any provision of the Code requires processing of any matter through the Parks and Recreation Advisory Board, then the purpose of such requirement is for the Parks and Recreation Advisory Board to consider the request and to give advice to the City Manager and the City Commission (if the matter will reach the City Commission). The purpose of such proceeding will not be quasi-judicial in nature.
 - (3) Purpose and Duties. The Parks and Recreation Advisory Board shall promote the parks and recreation programs of the City and will guide, advise and recommend to the City Commission policies and actions regarding the promotion, planning, design, construction and utilization of City parks and recreation programs. The duties of the Parks and Recreation Board will generally be to:
 - (A) Advise and assist the City Commission, the City Manager and the various boards of the City in all matters involving or affecting parks and recreation.
 - (B) The Parks and Recreation Advisory Board shall recommend policies for the improvement, creation, use and maintenance of City parks and recreation programs.
 - (C) The Parks and Recreation Advisory Board shall recommend budgetary or special appropriations for parks and recreation programs.
 - (D) The Parks and Recreation Advisory Board shall recommend plans for the future growth, development, use and beautification of City parks.
 - (E) The Parks and Recreation Advisory Board shall periodically provide the City Commission the public regarding the programs and facilities related to parks and recreation.
- q. Pedestrian and Bicycle Advisory Board. There is established within the City of Winter Park, pursuant to the provisions hereof, a Pedestrian and Bicycle Advisory Board, subject to the following provisions:
- (1) Membership. The Pedestrian and Bicycle Advisory Board shall be established pursuant to the provisions in Division One of this Chapter and Article.
 - (2) Advisory Board. The Pedestrian and Bicycle Advisory Board is an advisory board and shall have no enforcement or adjudicatory power or responsibility. The provisions of Division One of this Chapter and Article shall apply with respect to the operations of the Pedestrian and Bicycle Advisory Board.
 - (3) Function and Responsibilities. The Pedestrian and Bicycle Advisory Board shall meet and provide for its internal governance procedures as provided in Divisions One and Two of this Chapter and Article. The

responsibility of the Pedestrian and Bicycle Advisory Board shall be the following:

- (A) To receive information and following deliberation, make recommendations and give advice to the City Commission concerning opportunities for improvement, maintenance, construction and facilitation of pedestrian and bicycle traffic in the City of Winter Park.
- (B) The Pedestrian and Bicycle Advisory Board, following receipt of information and deliberation, shall determine ways in which pedestrian and bicycle utilization and traffic may be improved, enhanced and made more safe within the City of Winter Park.
- (C) Following the receipt of information and deliberation, the Pedestrian and Bicycle Advisory Board shall recommend to the City Commission ideas for promoting safe pedestrian and bicycle utilization in the City of Winter Park.
- (D) The Pedestrian and Bicycle Advisory Board shall provide education to the public and the City Commission concerning the current infrastructure for pedestrian and bicycle transport in the City of Winter Park and the ways in which that infrastructure may be used safely for the enjoyment and benefit of the citizenry.

r. Planning and Zoning Board. There is established within the City of Winter Park, pursuant to Section 163.3174, Florida Statutes, and Section 58-3 of the City Code, a Planning and Zoning Board, subject to the following provisions:

- (1) Membership. The membership of the Planning and Zoning Board shall be appointed pursuant to the provisions in Division One of this Chapter and Article.
- (2) Quasi-Judicial Proceedings. The Planning and Zoning Board shall conduct its quasi-judicial proceedings in conformance with the requirements of Florida law. The City Manager and City Attorney shall provide technical support and resources upon request to assure that the quasi-judicial activity of the Planning and Zoning Board is in accordance with the requirements of Florida law.
- (3) Authority and Responsibilities. The Planning and Zoning Board shall have such authority and responsibilities as are set out in the Land Development Code, including the provisions in Chapter 58 of the City Code, and Sections 58-88, et seq., of the Code. The procedures that the Planning and Zoning Board shall abide by are those set out in the City's Land Development Code, subject to the requirements of Florida law with respect to quasi-judicial proceedings involving land use decisions. By this reference, this section is incorporated into the City's Land Development Code.

s. Public Art Advisory Board. There is established within the City of Winter Park, pursuant to the provisions hereof, a Public Art Advisory Board, subject to the following provisions:

- (1) Membership. The Public Art Advisory Board shall be established in accordance with the requirements of Division One hereof. The

procedures set out in Division Two hereof shall control the operation of the Public Art Advisory Board, subject to the specific provisions hereinafter provided. If reasonably available, consideration shall be given to include in the membership of the Public Art Advisory Board an architect, including a landscape architect, an artist, a representative from a museum or art gallery, an experienced business person and a resident representative of the residential community.

(2) Advisory Board. The Public Art Advisory Board is an advisory board and shall have no adjudicatory or enforcement responsibilities or authority.

(3) Responsibilities and Function of the Public Art Advisory Board. The Public Art Advisory Board shall set out its rules for conducting business in accordance with the requirements of Division One of this Chapter and Article, and following the receipt of information and deliberation, the Public Art Advisory Board shall have the following responsibilities and scope of service:

(A) Following the receipt of data from various sources and deliberation, the Public Art Advisory Board shall provide advice and recommendations to the City Commission for the siting of public art, and in making these recommendations, the Public Art Advisory Board shall endeavor to perform visual inspections of sites to ascertain the physical, cultural and historical aspects of sites being recommended to the City Commission.

(B) The Public Art Advisory Board shall develop and facilitate a composite map identifying signature opportunities within the City for public art.

(C) The Public Art Advisory Board shall interview and recommend public art projects and assist in the selection of artists for possible public art projects, but in such respect, the action shall be strictly as an advisory board for the purpose of making recommendations to the City Commission.

(D) The Public Art Advisory Board shall develop a public arts action plan and recommend the same to the City Manager and City Commission for the implementation of educational and organizational opportunities related to and concerning public art.

(E) The Public Art Advisory Board shall establish and maintain liaison with other public and private agencies involved with public art.

(F) The Public Art Advisory Board shall advise the City Commission and City Manager in all matters involving or affecting public art.

(G) The Public Art Advisory Board shall periodically inform the City Commission and the general public regarding programs involving public art within the City of Winter Park.

t. Utility Advisory Board. There is established within the City of Winter Park pursuant to the provisions hereof a Utility Advisory Board, subject to the following provisions:

- (1) Membership. The Utility Advisory Board shall be established pursuant to the procedures in Division One hereof. To the extent reasonably possible, the membership shall consist of licensed professionals without conflict of interest who have expertise in the utilities and infrastructure for provision of utility services, or the legal and business aspects of providing the subject utility services to the customers of the municipal utility systems within the City of Winter Park. One member shall be a non-resident customer of the water and sewer utility.
 - (2) Advisory Board. The Utility Advisory Board is an advisory board and shall have no enforcement or adjudicatory authority or responsibility.
 - (3) Functions and Responsibility. The Utility Advisory Board shall organize itself and develop rules for procedure in accordance with the requirements of Division Two hereof. Following the receipt of information and deliberation, the Utility Advisory Board shall advise the City Commission, City Manager and the management of the various utility service departments and authorities servicing the City of Winter Park regarding the following matters:
 - (A) The Utility Advisory Board shall make recommendations concerning opportunities for enhancement, expansion, maintenance, improvement and development of utility services within the City of Winter Park.
 - (B) The Utility Advisory Board shall make recommendations regarding improvements to safety and procedures in the provision of utility services within the City of Winter Park.
 - (C) The Utility Advisory Board shall make recommendations concerning the improvement of fiscal responsibility in connection with the provision of utility services, and will explore opportunities to make utility services available at a reasonable rate to the customers and residents of the City of Winter Park.
- u. Winter Park Firefighters Pension Board. There is established within the City of Winter Park a Firefighters Pension Board established pursuant to the requirements of Sections 74-153, et seq., of the City Code, subject to the following provisions:
- (1) Membership. The Board of Trustees of the Firefighters Pension Board shall be appointed pursuant to the provisions in Section 74-153, City Code
 - (2) Responsibilities and Function. The Firefighters Pension Board shall operate in accordance with the requirements of Florida law and Sections 74-153, et seq., of the City Code as the Code relates to the Firefighters Pension Board and the duties and responsibilities of that Board.
- v. Winter Park Police Officers' Pension Board. There is established within the City of Winter Park a Police Officers' Pension Board established pursuant to the requirements of Sections 74-203, et seq., of the City Code, subject to the following provisions:

- (1) Membership. The Board of Trustees of the Police Officers' Pension Board shall be appointed pursuant to the provisions in Section 74-203, City Code.
- (2) Responsibilities and Function. The Police Officers' Pension Board shall operate in accordance with the requirements of Florida law and Sections 74-203, et seq., of the City Code as the Code relates to the Police Officers' Pension Board and the duties and responsibilities of that Board.

Section 3. Codification. The previous Section 2 of this Ordinance shall be codified in the City Code as specified therein. Any section, paragraph number, letter or heading within the Code may be changed or modified as necessary to effectuate the codification. Grammatical, typographical and similar or like errors may be corrected in the Code, and additions, alterations and omissions not affecting a material substantive change in the construction or meaning of this Ordinance may be freely made.

Section 4. Repeal As A Result Of This Consolidation. As a matter of revision to codification, the following resolutions, ordinances and sections within the City Code are hereby repealed as a result of the consolidation effective as a result of this Ordinance, and the same shall be stricken and deemed repealed as of the effective date of this Ordinance, and shall no longer have further force or effect:

- a. Repeal of Resolutions.
 - A. The following CRA Advisory Board Resolutions are hereby repealed: 0001; 0002.
 - B. The following Economic Development Advisory Board Resolutions are hereby repealed: 2022-09; 1951-06; 1948-06; 1865-04; 1805-02; 1766-01.
 - C. The following Ethics Board Resolutions are hereby repealed: 2818-10; 2011-08; 1986-08.
 - D. The following Keep Winter Park Beautiful Board Resolutions are hereby repealed: 1977-07; 1555.
 - E. The following Lakes and Waterways Board Resolutions are hereby repealed: 1486; 876.
 - F. The following Parks and Recreation Commission (now identified as the Parks and Recreation Board) Resolutions are hereby repealed: 1949-06; 607; 582.
 - G. The following Pedestrian and Bicycle Board Resolutions are hereby repealed: 1950-06; 1806-02.
 - H. The following Utilities Advisory Board Resolutions are hereby repealed: 1716; 1492; 1465.
- b. Repeal of Ordinances and Code Section Provisions.
 - A. The following Public Art Advisory Board Ordinances are hereby repealed: 2675-06; 2562-04; 2494-03; 2487-02.
 - B. Chapter 58, Article VIII, Division Two, Sections 58-441 through 58-446 (related to the Historic Preservation Commission) and the

Ordinances establishing these Code sections, 2688-06, 2446-01, and 2425-01.

- C. Chapter 66, Article II, Sections 66-26 through 66-28 (related to the Parks and Recreation Commission, now known as the Parks and Recreation Board) and Ordinance number 2055.
- D. Repeal Of Chapter 114, Article II, Sections 114-31 through 114-34 (related to the Lakes and Waterways Advisory Board).
- E. Repeal of Chapter 2, Article III, Division Five, Sections 2-121 through 2-124 (related to the Public Art Advisory Board) in the City Code.

With respect to all Code sections that are repealed, the Sections shall be returned to the category of “Reserved” in the Municipal Code.

Section 5. Severability. If any section, subsection, sentence, clause, phrase or portion of this Ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, whether for substantive, procedural or any other reason, such portion shall be deemed a separate, distinct and independent provision and such holding shall not affect the validity of the remaining portion or portions hereof or hereto.

Section 6. Conflicts. All ordinances or parts of ordinances in conflict with any of the provisions of this Ordinance are hereby repealed.

Section 7. Effective Date Of Ordinance. This Ordinance shall become effective immediately upon adoption of the City Commission of the City of Winter Park, Florida.

Adopted by the City Commission of the City of Winter Park, Florida in a regular meeting assembled on the ____ day of _____, 2011.

Mayor Kenneth W. Bradley

ATTEST:

Cindy Bonham, City Clerk

First reading: April 25, 2011

Second reading: _____



city commission public hearing

item type	Public Hearing	meeting date	May 23, 2011
prepared by department division	Jeff Briggs Planning Department	approved by	<input checked="" type="checkbox"/> City Manager <input type="checkbox"/> City Attorney <input type="checkbox"/> N/A
board approval	Planning Commission	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> N/A	4-0 final vote

Subject: Rezone and Conditional Use for 400 W. New England Avenue

There are two matters for consideration. One is the request to rezone the property at 400 W. New England Avenue from C-3A to C-2. The second matter is a conditional use a 470 square foot "restaurant" pavilion building with outdoor patio seating and a gazebo building on the street corner.

Recommendation:

The Planning Commission voted 4-0 for approval of both requests.

Summary:

The rezoning portion of this public hearing for 400 W. New England Avenue is from the Winter Park Redevelopment Agency Ltd. (Dan Bellows) to rezone from Commercial (C-3A) District to Commercial (C-2) District. This is the property at the southwest corner of New England and Virginia Avenues that holds the two-story Catherine Hall commercial and office building.

The City's Comprehensive Plan future land use designation for this property is Central Business District (CBD) that corresponds to the C-2 zoning. CBD future land use does not conform to the existing C-3A zoning. The property owner is requesting this zoning change so that the property can be brought into conformance with the Comprehensive Plan. The zoning of any property is supposed to conform to the comprehensive plan future land use designation. As such, the property owner is entitled to this zoning change.

This same rezoning request came to the Planning Commission on March 16, 2010. The Planning Commission recommended approval by a 4-0 vote. This same rezoning request came before the City Commission on April 26, 2010. That ordinance was not approved by a 2-2 vote. (See minutes attached) Property owners must wait one year from a denial to re-apply and that time has passed.

One reason cited for the dissenting votes was the zoning code reference to the submission of plans showing how the new C-2 zoning would be used. The applicant did not have any redevelopment plans at that time.

The current application for C-2 zoning now includes plans for further development which is the accompanying conditional use request. While this may not be the ultimate build-out of this

property, you will recall that any property in the CRA which has building construction or additions larger than 250 square feet must have those plans reviewed by the planning and zoning commission for a recommendation and approved by the city commission. So there is a safeguard that this C-2 zoning cannot be used for any other additional building without review and approval by the planning and city commissions.

Conditional Use Request:

The proposed conditional use request involves development plans for a 470 square foot "restaurant" pavilion building with outdoor patio seating and a gazebo building on the street corner. It is not really a restaurant per se, as you can see from the floor plan, as there is no kitchen or food preparation on premise. The idea is for it to be coffee, ice cream, during the day and then transition to wine/cheese/snack baskets in the evening. However, since it involves food and beverage consumption with outdoor patio dining, the restaurant category is the closest fit in the zoning code.

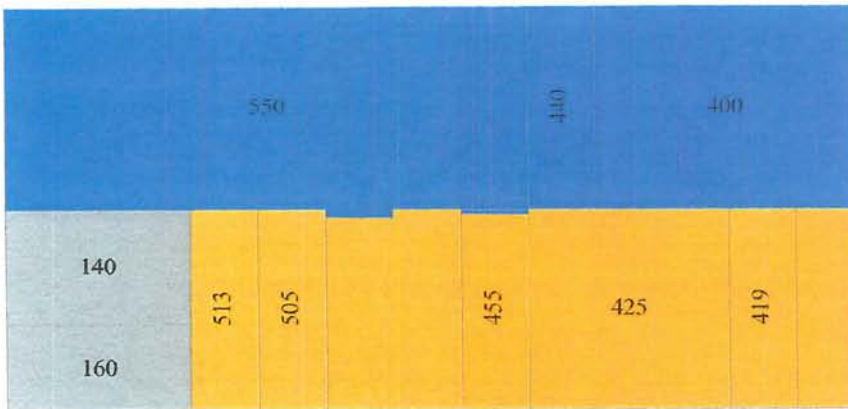
To quote the applicant, "We have a gazebo on the corner of Virginia and West New England Ave. It is open air and will allow for benches, with only electric. The pavilion building is basically an ice cream structure with restrooms. This building will also distribute wine and cheese baskets in the evening. No cooking at all or food prep.

I would like to be on whatever agenda I need and I am asking for C-2 zoning as I believe I am entitled to it by law. I am also moving forward with construction drawings and will submit to the building department. I really think this may add some foot traffic and a little energy to our dying little village.

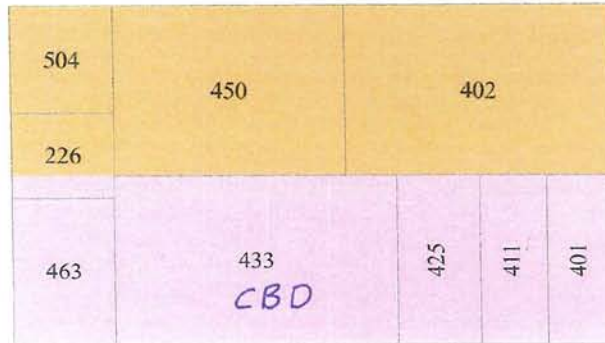
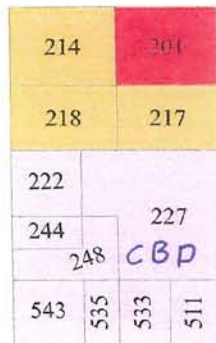
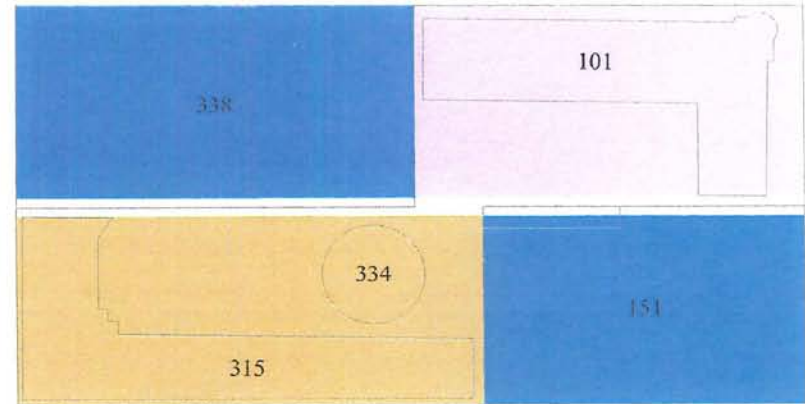
Technically these plans require a conditional use approval in both the C-2 zoning (as requested) and the existing C-3A zoning. So these structures and plans can be approved in either zoning district. In the proposed C-2 zoning, the pavilion and gazebo structures meet the front setbacks. In the existing C-3A zoning, a street front variance would be needed (in lieu of the required 10 foot setback) and that is possible via the conditional use approval.

610
141
139
721
602
411

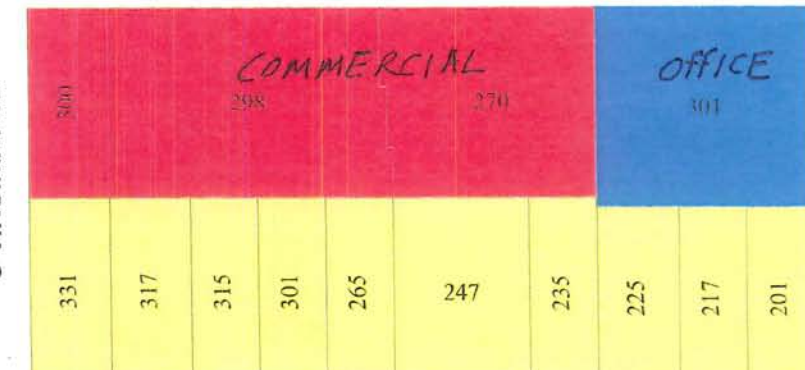
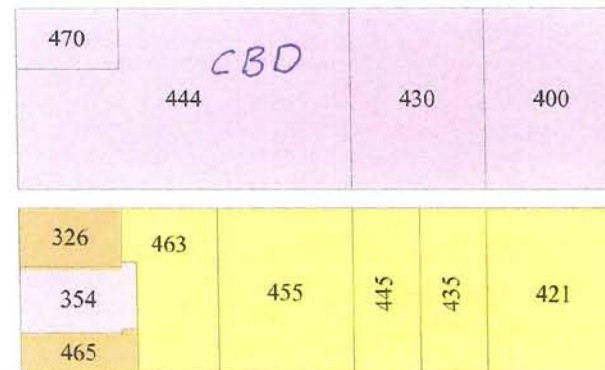
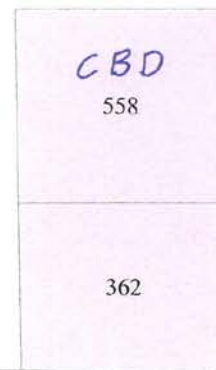
S PENNSYLVANIA AVE



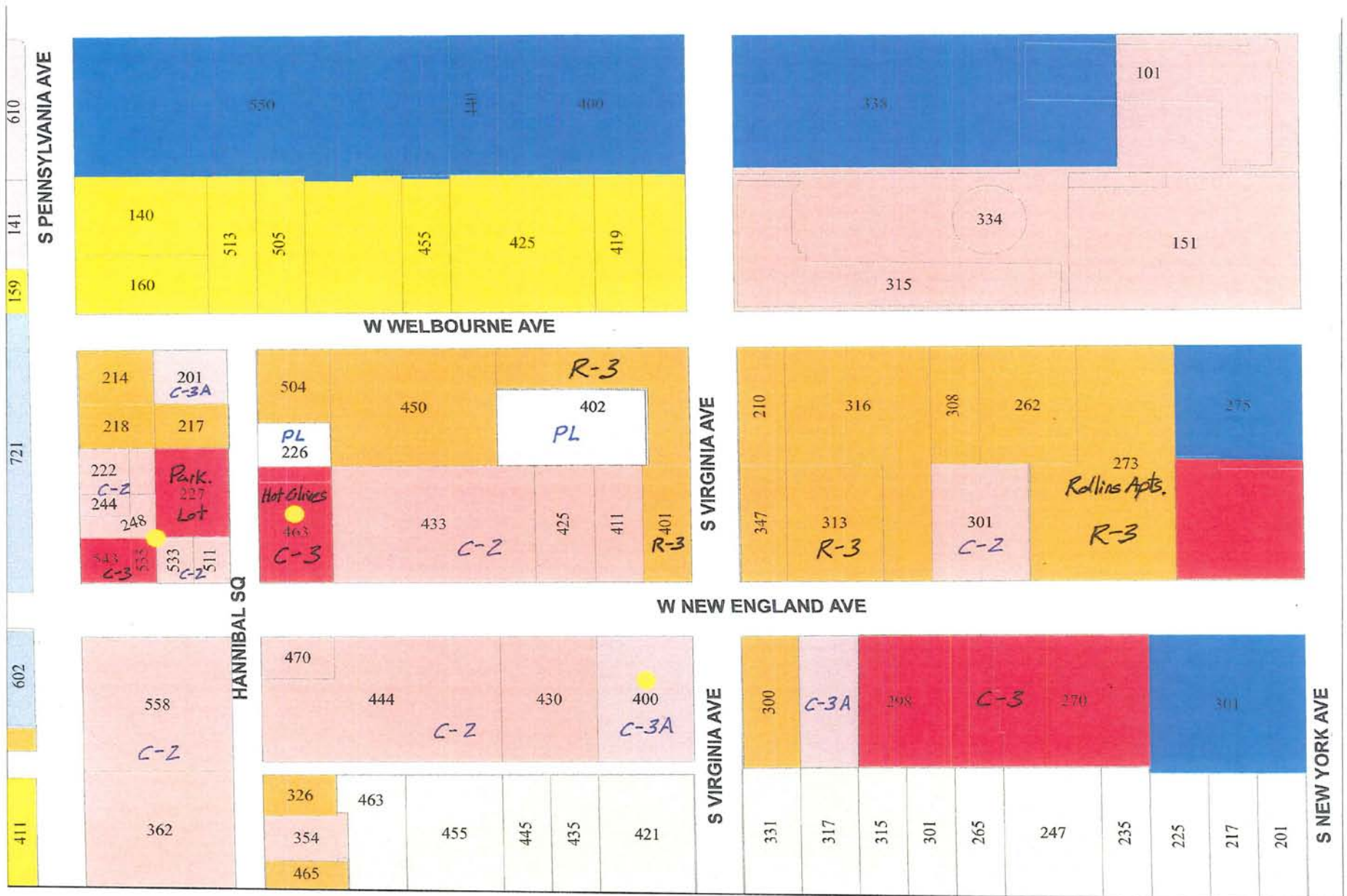
W WELBOURNE AVE



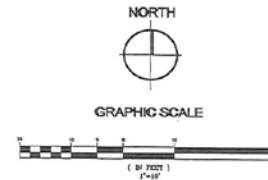
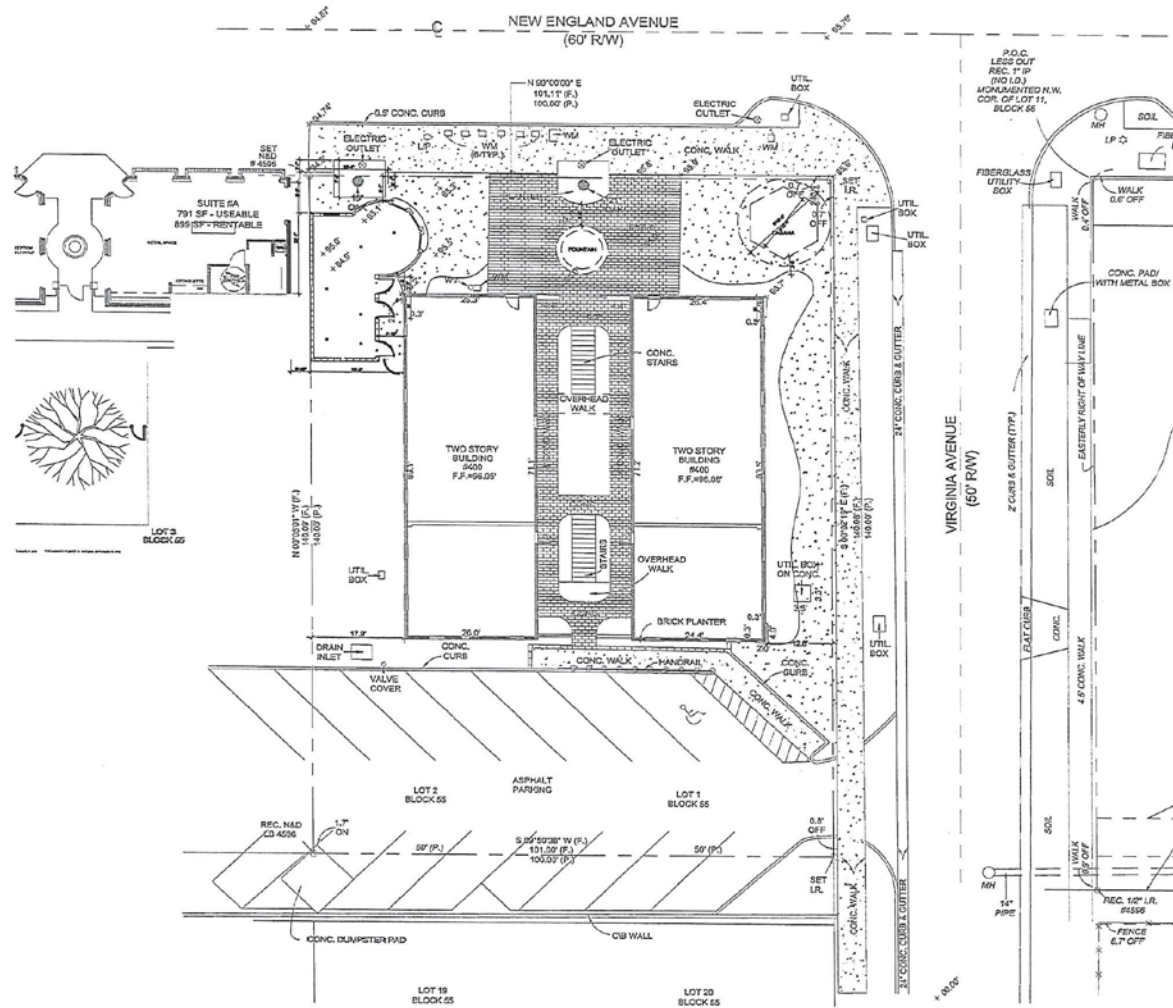
W NEW ENGLAND AVE



S NEW YORK AVE



Zoning Changes



RAFAEL A. BASS, P.E.
 12101 N. W. 11th Avenue, Suite 100
 Fort Lauderdale, Florida 33304
 Tel. 407/561-1001 Fax 407/561-1002

APPLICANT/DESIGN OFFICE		PROJECT NAME:		SHEET TITLE:	
SYDGAN CORPORATION Real Estate Management, Development & Leasing		400 W. NEW ENGLAND AVE. WINTER PARK, FLORIDA		SITE PLAN	
DESIGNED BY:	DATE:	PROJECT NO.:	DATE:	REVISION:	
DESIGNED BY: [Signature]	DATE: 11/20/01	PROJECT NO. 01-0176	DATE: 11/20/01	REVISION: 1	
SHEET C-1					

Architectural drawing showing a site plan and a perspective elevation of a building facade.

Site Plan (Top):

- Overall dimensions: 100.00' (P.)
- Building footprint: 470 S.F.
- Outdoor features: FOUNTAIN (8'-0" diameter), PLANTER, BRICK wall, CONC. WALK, CONC. STAIRS, CONC. CURB (0.5' thick).
- Utilities: ELECTRIC OUTLET, WM (6-TYP.), L/P, WV, UTIL. BOX, GUTTER.
- Landscaping: OAK trees, CABANA (12'-0" x 15'-10"), SIGN (14'-1" x 8'-0").
- Setbacks: SET N&D 596, SET I.R.

Facade Elevation (Bottom):

- Building materials: BRICK, EXISTING T.O. SLAB (9'-10" A.F.F.), EXISTING F.F.
- Structural elements: 11'-0" x 9'-8" window, 12'-0" x 15'-10" CABANA, 14'-1" x 8'-0" SIGN, 8'-0" x 3'-5" window.
- Landscaping: FOUNTAIN, OAK trees.

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA AMENDING CHAPTER 58, "LAND DEVELOPMENT CODE", ARTICLE III, "ZONING" AND THE OFFICIAL ZONING MAP SO AS TO CHANGE THE EXISTING ZONING DESIGNATION OF COMMERCIAL (C-3A) DISTRICT TO COMMERCIAL (C-2) DISTRICT ON THE PROPERTY AT 400 WEST NEW ENGLAND AVENUE, MORE PARTICULARLY DESCRIBED HEREIN.

WHEREAS, the owner of the property more particularly described herein has requested rezoning in compliance with the Comprehensive Plan, and

WHEREAS, the requested zoning will achieve conformance with the Comprehensive Plan future land use designation for this property and such municipal zoning meets the criteria established by Chapter 166, Florida Statutes and pursuant to and in compliance with law, notice has been given to Orange County and to the public by publication in a newspaper of general circulation to notify the public of this proposed Ordinance and of public hearings to be held.

NOW THEREFORE BE IT ENACTED BY THE CITY COMMISSION OF THE CITY OF WINTER PARK, FLORIDA, AS FOLLOWS:

SECTION 1. That Chapter 58 "Land Development Code", Article III, "Zoning" and the Official Zoning Map is hereby amended so as to change the existing zoning designation of commercial (C-3A) to commercial (C-2) district zoning on the property at 400 West New England Avenue, more particularly described as follows:

Lots 1 & 2, Block 55, Revised Map of the Town of Winter Park as recorded in Plat Book "A", Pages 67-72 of the Public Records of Orange County, Florida.

Property Tax ID # 05-22-30-9400-55-010

SECTION 2. This ordinance shall become effective immediately upon its passage and adoption.

ADOPTED at a regular meeting of the City Commission of the City of Winter Park, Florida, held in City Hall, Winter Park, on this _____ day of _____, 2011.

Mayor

Attest:

City Clerk

Policy 1-2.2.4: High-Density Residential. This land use designation is designed to indicate areas to be zoned for the multi-family residential use. The compatible zoning district for this designation shall be the R-4 zoning district. Included in this classification are townhouses, condominiums, and apartments. The maximum density is twenty-five (25) units per acre. The floor area ratio shall not exceed 2.0 (200%) and as may be governed by the maximum number of stories permitted in the Maximum Height Map within this Future Land Use Element and shall include the floor area of above grade, attached and unattached garages.

OBJECTIVE 1-2.3: NON-RESIDENTIAL FUTURE LAND USE DESIGNATIONS. The non-residential Future Land Use Map designations shall be established as defined herein. Supportive facilities and accessory land uses which are designated as conditional uses may be located within areas designated for any type of commercial or residential land use. The allocation of land for non-residential shall be compatible with the goals, objectives, and policies identified in this Comprehensive Plan and shall be consistent with established patterns of legally established commercial land uses. The policies stated hereinafter provide an explanation of the purpose, intent, and character of the non-residential land use designations. Nothing, however, shall prevent the use of land within non-residential designations from being utilized in part for residential uses subject to the density and intensity limitation of the Maximum Future Land Use Density/ Intensity Table.

Policy 1-2.3.1: Commercial. This land use designation includes both the wide variety of commercial retail uses, restaurants, and various professional office uses. It is designed to relate to those areas zoned C-1, C-3 and C-3A, but may also include areas zoned I-1 when used for commercial or office or residential purposes. This designation also allows a density of residential uses as a conditional use up to 17 units per acre. Residential units however, shall only be permitted above the first or ground floor level. The intensity of use (floor area ratio) of buildings in this designation may not exceed the standards as listed in the Maximum Future Land Use Density/ Intensity Table and as governed by the maximum number of stories permitted in the Maximum Height Map within this Future Land Use Element.

Policy 1-2.3.2: Office and Professional. This land use designation includes the business and professional activities housed in office structures such as those allowed in the O-1 and O-2 districts. This designation also allows a density of residential uses as a conditional use up to 17 units per acre. Residential units however, shall only be permitted above the first or ground floor level. The intensity of use of buildings (floor area ratio) in this designation may not exceed the standards as listed in the Maximum Future Land Use Density/ Intensity Table and as governed by the maximum number of stories permitted in the Maximum Height Map within this Future Land Use Element.

Policy 1-2.3.3: Central Business District (CBD). This land use designation includes the retail business, restaurant, professional office and residential uses that are permitted within the historic downtown core of Winter Park. Properties with this land use classification are zoned C-2. This designation differs from the other commercial, office or planned development designations in terms of the land use policies for this area which strive to maintain and enhance pedestrian orientation, scale of the historic premiere retail areas, the eclectic mix of architectural styles, the open space vistas and non-commercialization of historic Central Park and the predominance of small distinctive specialty shops. The floor area ratio shall not exceed the percentages listed in

development code, including respective floor to floor heights, parapets, mechanical and elevator/stair components, and architectural appendages. The Maximum Height Map is intended to be used together with the Future Land Use Map and designations to determine the maximum density and intensity (floor area ratio) permitted to be developed within the City of Winter Park. The combination is detailed in the Maximum Future Land Use Map Designation Density/Intensity Table.

Table 2 Future Land Use – Zoning Compatibility Chart

Future Land Use Designation	Compatible Zoning Districts
Single Family Residential	R-1AAA, R-1AA, R-1A, PURD
Low Density Residential	R-2, PURD
Medium Density Residential	R-3
High Density Residential	R-4
Commercial	C-3, C-3A, C-1, O-1, O-2
Office and Professional	O-1, O-2
Central Business District	C-2
Industrial	I-1, C-3, O-1, O-2
Institutional	PQP
Open Space and Recreation	PR
Medium Density Planned Development	PD 1
High Density Planned Development	PD 2

Policy 1-2.1.6: Floor Area Ratio Limitations. The floor area ratios detailed in this Comprehensive Plan are the maximum density and intensity parameters potentially permitted in each respective future land use designation. These maximum floor area ratios are not an entitlement and are not achievable in all situations. Many factors may limit the achievable floor area ratio including limitations imposed by the Maximum Height Map, physical limitations imposed by property dimensions and natural features as well as compliance with applicable code requirements such as, but not limited to parking, setbacks, lot coverage and design standards. The City in the review and approval of specific projects may limit and restrict the achievable floor area ratios.

Policy 1-2.1.7: Restrictions on Density and Intensity of Development. The maximum range of density and/or intensity (FAR) stated in the Comprehensive Plan and in the Land Development Code may be further constrained by quantitative and qualitative criteria included in the Comprehensive Plan and Land Development Code, including but not limited to requirements for minimum open space; concurrency management and level of service standards for transportation, building height, parkland, storm water and other public facilities and services; off-street parking and internal circulation; landscaping; impacts on schools; and on-site and off-site improvements and design amenities required to achieve land use compatibility. In addition, natural constraints such as the shape and natural features of a site may present obstacles to



CITY OF WINTER PARK Planning & Zoning Commission

Regular Meeting
Commission Chambers

March 16, 2010
7:00 p.m.

MINUTES

The meeting was called to order by Mr. Krecicki at 7:00 p.m. in the Commission Chambers of the Winter Park City Hall.

Present: Chairman Drew Krecicki, Vice-Chairman Rick Swisher, Michael Dick, and Sarah Whiting. Staff: Planning Director Jeffrey Briggs, Sr. Planner Stacey Scowden, and Planning Technician Caleena Shirley.

APPROVAL OF MINUTES: January 12 and February 2, 2010

Motion made by Mr. Dick, seconded by Mr. Krecicki to approve the January 12th meeting minutes as amended. Motion carried unanimously with a 3-0 vote. Note: Mr. Swisher did not vote on the motion since he was not present at the meeting.

Motion made by Mr. Dick, seconded by Mr. Swisher to approve the February 2nd meeting minutes as amended. Motion carried unanimously with a 4-0 vote.

PUBLIC HEARINGS

➔ **REQUEST OF WINTER PARK REDEVELOPMENT AGENCY LTD FOR :** AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA, AMENDING CHAPTER 58 "LAND DEVELOPMENT CODE" ARTICLE III, "ZONING" AND THE OFFICIAL ZONING MAP SO AS CHANGE THE EXISTING ZONING DESIGNATION OF COMMERCIAL (C-3A) DISTRICT TO COMMERCIAL (C-2) DISTRICT ON THE PROPERTY AT 400 WEST NEW ENGLAND AVENUE, MORE PARTICULARLY DESCRIBED HEREIN.

REQUEST OF WINTER PARK REDEVELOPMENT AGENCY LTD FOR : AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA, AMENDING CHAPTER 58 "LAND DEVELOPMENT CODE" ARTICLE III, "ZONING" AND THE OFFICIAL ZONING MAP SO AS CHANGE THE EXISTING ZONING DESIGNATION OF COMMERCIAL (C-3) DISTRICT TO COMMERCIAL (C-2) DISTRICT ON THE PROPERTY AT 463 WEST NEW ENGLAND AVENUE, MORE PARTICULARLY DESCRIBED HEREIN.

REQUEST OF WINTER PARK REDEVELOPMENT AGENCY LTD AND MORNEY PARTNERSHIP LTD FOR: AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA, AMENDING CHAPTER 58 "LAND DEVELOPMENT CODE" ARTICLE III, "ZONING" AND THE OFFICIAL ZONING MAP SO AS CHANGE THE EXISTING ZONING DESIGNATION OF COMMERCIAL (C-3) DISTRICT TO COMMERCIAL (C-2) DISTRICT ON THE PROPERTY AT 535 WEST NEW ENGLAND AVENUE AND THE PARKING LOT BEHIND AT 227 HANNIBAL SQUARE, EAST, MORE PARTICULARLY DESCRIBED HEREIN.

REQUEST OF TGG LTD FOR : AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA, AMENDING CHAPTER 58 "LAND DEVELOPMENT CODE" ARTICLE I, "COMPREHENSIVE PLAN" AND THE FUTURE LAND USE MAP SO AS CHANGE THE FUTURE LAND USE DESIGNATION OF COMMERCIAL TO CENTRAL BUSINESS DISTRICT ON THE PROPERTY AT 301 WEST NEW ENGLAND AVENUE, MORE PARTICULARLY DESCRIBED HEREIN.

Planning Director Jeffrey Briggs announced that there would be a simultaneous public hearing on the above items. He said that all of the requests are in the same general area.

Mr. Briggs explained that the 1st three requests {400 West New England Avenue (the Catherine Hall Building), 463 West New England Avenue (the Hot Olives building) and 535 West New England (the two-story Baker building including the parking lot behind the building—227 Hannibal Square)} are now zoned either C-3A or C-3 but they all have a future land use designation of "Central Business District" which does not conform to the existing C-3A or C-3 zoning. The request is to bring the zoning map designation into compliance with the comprehensive plan map color. He added that regardless of the C-2 zoning no additional building is allowed without review and approval by the city and conformance with all applicable codes. Staff recommended approval of the requests.

He stated that the request for 301 West New England Avenue (the Grant Chapel building) is to amend the Comprehensive Plan future land use map from Commerce to Central Business District to correspond to the C-2 zoning adopted in 2003. He stated that through an oversight, the future land use designation remained commercial—not central business district that corresponds with the C-2 zoning, and it's currently that way on the future land use map. He explained that the subject request will fix a GIS mapping error. Staff recommended approval. Mr. Briggs responded to Board members questions and concerns.

No one wished to speak concerning this issue. Public Hearing closed.

Mr. Dick requested clarification regarding 535 West New England and 227 Hannibal Square. He wanted to ensure that they are treated as separate parcels even though they are included in the same request. Mr. Briggs confirmed that they are two separate parcels with separate owners and that several of the properties utilize the property at 227 Hannibal Square for parking. Consensus of the Board was to make separate motions for the subject properties.



400 West New England Avenue

Motion made by Mr. Swisher, seconded by Mr. Krecicki to approve the zoning map change from Commercial (C-3A) to Central Business District (C-2) for 400 West New England Avenue. Motion carried unanimously with a 4-0 vote.

463 West New England Avenue

Motion made by Mr. Swisher, seconded by Mr. Krecicki to approve the zoning map change from Commercial (C-3) to Central Business District (C-2) for 463 West New England Avenue. Motion carried unanimously with a 4-0 vote.

227 Hannibal Square

Motion made by Mr. Dick, seconded by Mr. Swisher to approve the zoning map change from Commercial (C-3) to Central Business District (C-2) for 227 Hannibal Square. Motion carried unanimously with a 4-0 vote.

City Commission Minutes

- d. ORDINANCE NO. 2801-10: AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA, AUTHORIZING THE REFUNDING OF THE OUTSTANDING PARK AVENUE IMPROVEMENT REVENUE BONDS, SERIES 1998, OF THE CITY; PROVIDING FOR THE ISSUANCE OF NOT EXCEEDING \$3,000,000 PARK AVENUE REFUNDING IMPROVEMENT REVENUE BONDS, SERIES 2010, OF THE CITY TO BE APPLIED TO FINANCE THE COST THEREOF; PROVIDING FOR THE PAYMENT OF SUCH BONDS FROM LEGALLY AVAILABLE NON AD VALOREM FUNDS OF THE CITY BUDGETED AND APPROPRIATED FOR SUCH PURPOSE; AND PROVIDING AN EFFECTIVE DATE.
Second Reading

Attorney Brown read the ordinance by title. No public comments were made.

Motion made by Mayor Bradley to adopt the ordinance; seconded by Commissioner Dillaha. Upon a roll call vote, Mayor Bradley and Commissioners Dillaha, Cooper and McMacken voted yes. The motion carried unanimously with a 4-0 vote.

- e. ORDINANCE NO. 2802-10: AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA AMENDING CHAPTER 58, "LAND DEVELOPMENT CODE", ARTICLE I "COMPREHENSIVE PLAN" FUTURE LAND USE MAP SO AS TO CHANGE THE FUTURE LAND USE DESIGNATION OF COMMERCIAL TO CENTRAL BUSINESS DISTRICT ON THE PROPERTY AT 301 WEST NEW ENGLAND AVENUE, MORE PARTICULARLY DESCRIBED HEREIN. Second Reading

Attorney Brown read the ordinance by title.

Motion made by Commissioner Cooper to adopt the ordinance; seconded by Commissioner McMacken.

Lurline Fletcher 790 Lyman Avenue, spoke in opposition to changing land on the Westside. Commissioner Cooper stated that this property had already been rezoned quite some time ago.

Upon a roll call vote, Mayor Bradley and Commissioners Dillaha, Cooper and McMacken voted yes. The motion carried unanimously with a 4-0 vote.

- f. Ordinances – Changing the zoning on four properties:

Attorney Brown read the titles for all four ordinances.

AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA AMENDING CHAPTER 58, "LAND DEVELOPMENT CODE", ARTICLE III, "ZONING" AND THE OFFICIAL ZONING MAP SO AS TO CHANGE THE EXISTING ZONING DESIGNATION OF COMMERCIAL (C-3A) DISTRICT TO COMMERCIAL (C-2) DISTRICT ON THE PROPERTY AT 400 WEST NEW ENGLAND AVENUE, MORE PARTICULARLY DESCRIBED HEREIN. First Reading

AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA AMENDING CHAPTER 58, "LAND DEVELOPMENT CODE", ARTICLE III, "ZONING" AND THE OFFICIAL ZONING MAP SO AS TO CHANGE THE EXISTING ZONING DESIGNATION OF COMMERCIAL (C-3) DISTRICT TO COMMERCIAL (C-2) DISTRICT ON THE PROPERTY AT 463 WEST NEW ENGLAND AVENUE, MORE PARTICULARLY DESCRIBED HEREIN. First Reading

AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA AMENDING CHAPTER 58, "LAND DEVELOPMENT COE", ARTICLE III, "ZONING" AND THE OFFICIAL ZONING MAP SO AS TO CHANGE THE EXISTING ZONING DESIGNATION OF COMMERCIAL (C-3) DISTRICT TO COMMERCIAL (C-2) DISTRICT ON THE PROPERTY AT 535 WEST NEW ENGLAND AVENUE, MORE PARTICULARLY DESCRIBED HEREIN. First Reading

AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA AMENDING CHAPTER 58, "LAND DEVELOPMENT CODE", ARTICLE III, "ZONING" AND THE OFFICIAL ZONING MAP SO AS TO CHANGE THE EXISTING ZONING DESIGNATION OF COMMERCIAL (C-3) DISTRICT TO COMMERCIAL (C-2) DISTRICT ON THE PROPERTY AT 227 HANNIBAL SQUARE EAST, MORE PARTICULARLY DESCRIBED HEREIN. First Reading

Planning Director Jeff Briggs explained the location of the properties and the comprehensive plan designating these properties as Central Business District (CBD). He commented that in this area most of the properties have the corresponding C-2 zoning but the property owner has asked for the properties that do not carry that designation as listed above to be rezoned as C-2 in conformance with the comprehensive plan. He stated based on the comprehensive plan, if you have CBD Future Land Use, the compatible zoning is C-2. He stated that both staff and the P&Z recommend approval.

Attorney Brown stated that he conferred with other attorneys in his firm after the last meeting and that they informed him that cities administratively rezone all the time to make the zoning consistent with the comprehensive plan designation. It is the consensus of his staff that this is not unusual or improper to rezone to make it consistent and that the City has the legislative authority to rezone property.

Commissioner Cooper stated that she preferred to see all four properties be rezoned at the time the applicant brings a plan forward. She stated while we may have the authority to administratively rezone if you look at the standards by which we approve the zonings one of them is that it is consistent with the comprehensive plan and that the proposed project that comes forward is compatible. She stated these properties are different and she has a different thought for each one of them.

Mayor Bradley asked about liability issues the City would have if the LDC and comprehensive plan are different. Attorney Brown responded that if the landowner were to come forward and submit a development proposal that would be consistent with the comprehensive plan but precluded by the current zoning, he would probably have a cause of action if he can show there is a diminution in the value of his property. He stated this is routine in other cities and is discretionary but there is nothing unreasonable with staff bringing this forward because all they are trying to do is make is consistent with the comprehensive plan. Commissioner Cooper said we have inconsistency on about 40 residential properties next to the hospital.

Commissioner McMacken asked if these properties were rezoned if any future development would still come before the P&Z and City Commission. Mr. Briggs replied they would have to go through the process. Commissioner McMacken stated they are not asking for anything different than what has already been allowed in the comprehensive plan. Further comments continued among the Commission. Commissioner Dillaha asked if the Future Land Use is CBD if this means these parcels are entitled to C-2 or if it means that they can ask for C-2 when they come

forward with a plan. Attorney Brown responded that they have a right to come forward with a plan consistent with C-2 and to get a rezoning to C-2. He stated there are no vested rights but it is very reasonable given the downtown core to do this.

Motion made by Commissioner McMacken to accept the ordinance on first reading and rezone these four properties; seconded by Mayor Bradley.

Commissioner Dillaha asked if this is precedent setting. Attorney Brown stated it is not precedent setting as to dissimilar properties in different geographic regions with different compatibility considerations.

Dan Bellows, 511 W. New England Avenue, as an agent for the property, concurred with staff's recommendation to bring these properties in compliance with the comprehensive plan. He addressed his frustration that there will not be plans for years to come on his property and that his property value will decrease without the C-2 zoning. He stated the Commission is creating a real problem for him and other property owners by not granting the zoning.

Joe Terranova, 700 Melrose Avenue, agreed with Mr. Bellows and that this zoning should be brought into compliance with the comprehensive plan. He addressed the P&Z approving this and that the landowners have agreed to it.

Lurline Fletcher, 790 Lyman Avenue, opposed this because she disapproves where businesses are placed instead of residential homes.

Commissioner Dillaha stated there was a reason why it was zoned C-3A, because there is residential property in back of 400 W. New England Avenue and once you rezone it to C-2 the entitlement is there. Commissioner Cooper stated she will vote against this not because she is against the C-2 zoning for these properties but because her issue is we have a procedure and policy that allows us the opportunity to look at projects relative to compatibility and as long as we have that policy it is incumbent upon us to try and do that. She wanted to see these rezoning approvals be granted in concert with the approval of projects.

→ **Upon a roll call vote of ordinance #1 (400 W. New England Avenue), Commissioners Dillaha and Cooper voted no. Mayor Bradley and Commissioner McMacken voted yes. The motion failed with a 2-2 vote.**

Upon a roll call vote of ordinance #2 (463 W. New England Avenue), Commissioner Dillaha voted no. Mayor Bradley and Commissioners Cooper and McMacken voted yes. The motion carried with a 3-1 vote.

Upon a roll call vote of ordinance #3 (535 W. New England Avenue), Commissioner Dillaha voted no. Mayor Bradley and Commissioners Cooper and McMacken voted yes. The motion carried with a 3-1 vote.

Upon a roll call vote of ordinance #4 (227 Hannibal Square East), Commissioners Dillaha and Cooper voted no. Mayor Bradley and Commissioner McMacken voted yes. The motion failed with a 2-2 vote.

- g. Ordinances – Requests of the City of Winter Park for the United States Post Office property located at 300 N. New York Avenue:



city commission public hearing

item type	Public Hearing	meeting date	May 23, 2011
prepared by department division	Jeff Briggs Planning Department	approved by	<input checked="" type="checkbox"/> City Manager <input type="checkbox"/> City Attorney <input type="checkbox"/> N/A
board approval	Planning Commission	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> N/A	4-0 final vote

Subject: Request to extend the Hours of Alcohol Sales at the Shipyard Emporium

Conditional Use request to extend the hours of sale and consumption of alcoholic beverages from 10:00 pm to 12:00 Midnight for the Shipyard Emporium at 200 W. Fairbanks Avenue.

Recommendation:

The Planning Commission voted 4-0 to approve the conditional use extension (with the understanding that if the City Commission votes at a later time for uniform hours that it should also apply to the Shipyard Emporium).

Summary:

In April 2008, the City Commission approved (with P&Z's favorable recommendation) the request by Strollo's Market & Café (Strollo's Cucina Due) for conditional use approval to allow the sale and consumption of alcoholic beverages within the restaurant/café component of the retail market. Conditional use is required due to this location being within 300 feet of residential properties. The conditional use was approved with the condition that the hours of sale and consumption of alcoholic beverages end at 9:00 pm and that no amplified musical entertainment is permitted. In November, 2008 the City Commission (again with P&Z's favorable recommendation) extended the hours until 10:00 pm.

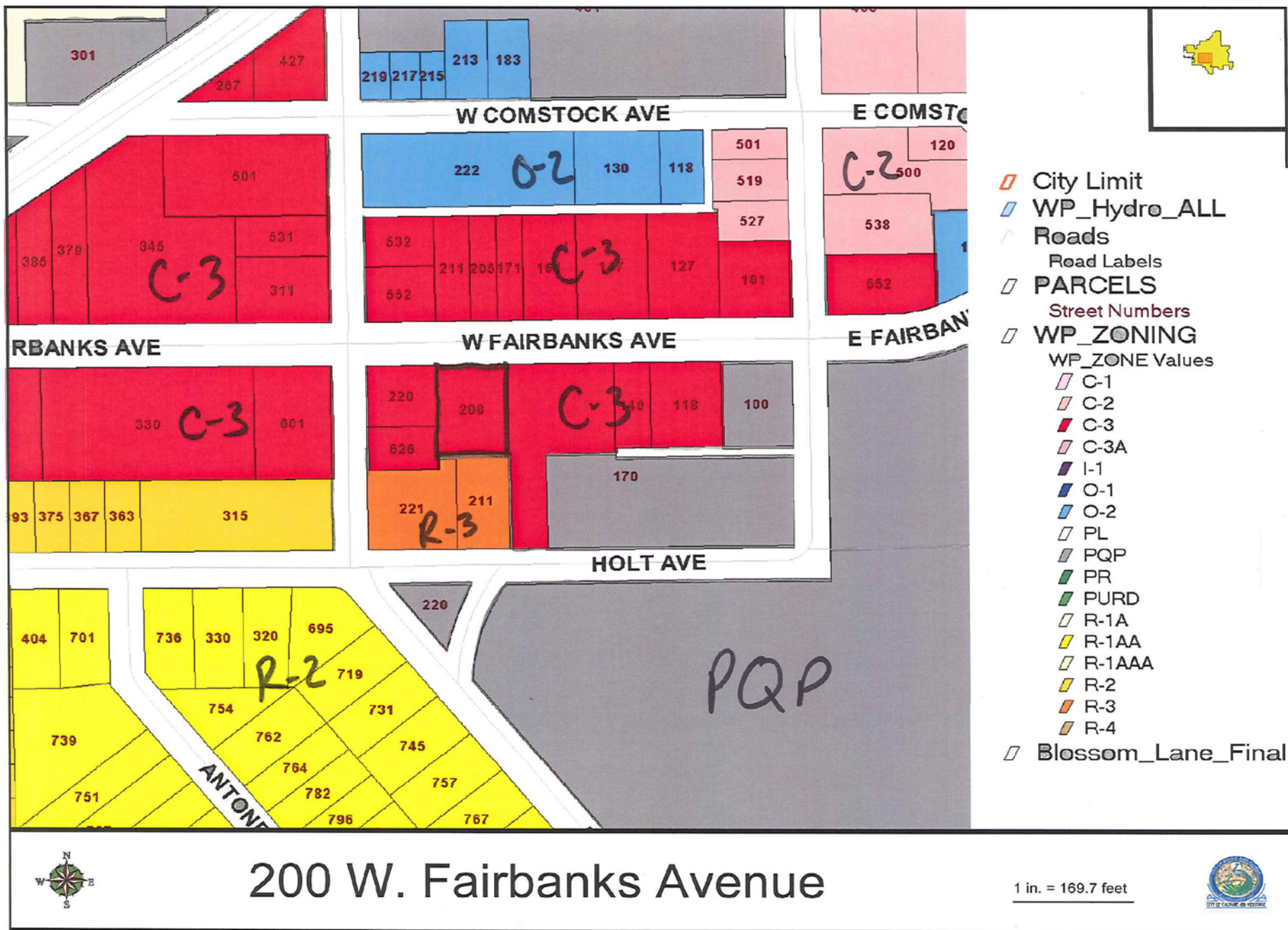
As you know, the business has now been converted to the Shipyard Emporium. It is still the same floor plan and business model as a retail market, bakery and restaurant café with a small bar. They are requesting to extend the hours until 12:00 am midnight. Their letter (attached) describes the business and the rationale for the change.

The reason why the City has this conditional use requirement is to safeguard and protect adjacent residential neighbors from restaurant/bar establishments that can cause nuisances related to "overflow parking on residential streets, noise which is disturbing to the residential occupants or loitering of patrons within residential areas". So by controlling the hours for sale and consumption of alcoholic beverages, the City is trying to avoid creating those conditions that we have experienced in the past with some other restaurants (former O'Boys and former Urban Flats) that late at night created noise disturbances to the neighbors.

Geographically, the only concern is the small apartment building and condominium building directly behind on Holt Avenue. Physically, the setup is good because even with some small amount of outdoor seating, the Shipyard building and the adjacent Bank building block the noise.

The Shipyard Emporium wants to extend the hours for sale and consumption of alcoholic beverages up until 12:00 Midnight. Their position is that beer and wine sales will always be secondary and complimentary to patrons who are dining and it will not become a "bar" type setting. Based on the physical layout of the building and parking it does not seem as if those problems will develop.

One other important factor comes into play. Since this original conditional use approval in 2008, the City amended our Alcoholic Beverage code in 2009 so that now all establishments have to obtain an "extended hours" permit to allow the sale and consumption of alcoholic beverages after 11:00 pm. Then based upon complaints about noise, overflow parking, underage drinking, etc. the City can revoke that "extended hours" permit and restrict the hours to no later than 11:00 pm. That gives the City a real tool or threat that gets the attention of establishments if complaints arise.





03/21/2011

Kenneth Stokes: General Manager
Shipyards Emporium
200 West Fairbanks
Winter Park, FL 32789
March 20, 2011

To Whom It May Concern:

I am writing in reference to an application we are submitting for extension of our hours at the Shipyards Emporium located at 200 W. Fairbanks in Winter Park. We have a unique business model that was designed to service the diverse and affluent community of Winter Park. First and foremost we are a full service restaurant and micro brew pub. We offer freshly prepared sandwiches, salads and entrees incorporating local ingredients whenever possible. We have a small batch brewery and are proud of our efforts to educate our consumer about the art of making and drinking craft beers. The name emporium is fitting, because we also have a full time artisan baker, a small retail market, an extensive gourmet-to-go selection and a show kitchen that we entertain and teach in. Approximately 65 % of our sales are food and retail, 35% beer and wine. I want it to be very clear that we are not a liquor bar and we believe in responsible alcohol service to our patrons.

We have been open for approximately two months and have determined that it is critical for our success to ask for an extension of hours throughout the week. As of today we are required to close at 10:00 pm seven days a week. The peak period of business for us starts at approximately 7:30 pm and on many nights we are forced to stop accepting names on our wait list because of the limited operating hours. We will incur a sizeable loss of annual sales as a result of the times that our consumer chooses to dine with us and we are not able to offer our services. Because of this, we are asking for an extension of operation until midnight seven days a week.

Thank you for your support.

Sincerely,

Kenneth Stokes