



city commission agenda

September 24,
2018
3:30 PM
Commission
Chambers

mayor & commissioners

seat 1
Gregory Seidel

seat 2
Sarah Sprinkel

Mayor
Steve Leary

seat 3
Carolyn Cooper

seat 4
Pete Weldon

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 website at cityofwinterpark.org.

meeting procedures

Persons desiring to address the Commission MUST fill out and provide the 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.

Citizen comments at 5 p.m. and each section of the agenda where public comment is allowed are limited to three (3) minutes. The yellow light indicator will remind you that you have one (1) minute left. Large groups are asked to name a spokesperson. The 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.

agenda

*times are projected and
subject to change

1. Meeting Called to Order

2. Invocation

Jocelyn Williamson, Central Florida Freethought Community 2 minutes

Pledge of Allegiance

3. Approval of Agenda

4. Mayor's Report

a. Recognition of Mead Botanical Garden, Inc. volunteers 2 minutes

5. City Manager's Report

- a. City Manager's Report** 5 minutes

6. City Attorney's Report

7. Non-Action Items

- a. Ward Park Improvement Plan** 20 minutes

The City of Winter Park Parks and Recreation Department is planning to work in coordination with Winter Park Health Foundation to enhance the stretch of Ward Park along Loch Lomond adjacent to the newly constructed Center for Health and Well Being. In addition, plan would improve walkability to park from surrounding neighborhoods, as well as create a connection between the Loch Lomond section of Ward Park and the greater Ward Park/Showalter Campus.

- b. Traffic and Transportation Reports Update** 15 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)

9. Consent Agenda

- a. Approve the Commission minutes of September 10, 2018.** 2 minutes.
- b. Approve the following purchase:** 5 minutes
 - 1. CDW Government, LLC - Replacement of Cisco network switches; \$94,453.70
- c. Approve the following formal solicitations and the respective motions:** 5 minutes
 - 1. Graef-USA, Inc. - RFQ-19-2018 - Continuing Contract for Professional Structural Engineering Consulting Services; Authorize staff to enter into negotiations
 - 2. PFM Financial Advisors, LLC - RFP-25-2018 - Financial Advisory Services; As-needed basis
 - 3. All-Rite Fence Services, Inc. - IFB-28-2018 - Fencing Installation & Services; Not to exceed \$155,000
- d. Approve the following piggyback agreements:** 5 minutes
 - 1. Odyssey Manufacturing Co. - Renewal of existing piggyback of City of Daytona Beach

ITB #0115-1900 for the provision of sodium hypochlorite; Not to exceed \$152,000

2. Helena Agri Enterprises, LLC - Renewal of existing piggyback of South Florida Water Management District RFB #6000000829 for the provision of herbicides and related adjuvants; Not to exceed \$100,000
3. Dana Safety Supply, Inc. - Piggyback of City of Tampa contract #2-18 for the provision of lightbars and accessories with installation; Not to exceed \$85,000

e. Approve the following contract items and the respective motions: 5 minutes

1. POWER Engineers, Inc. - RFQ-18-2018 - Professional Engineering Services to Design Underground Conversion of Power Lines; As-needed basis
2. AGH Management, LLC - Renewal of IFB-12-2017 - Athletic Field Maintenance for MLK Fields; Not to exceed \$80,000
3. HDD of Florida, LLC - Increase of FY18 spending on IFB-8-2014 - Underground Utility Services - to account for services performed on major projects outside of the citywide undergrounding initiative; Not to exceed \$425,000
4. Heart Utilities of Jacksonville, Inc. - Increase of FY18 spending on IFB-8-2014 - Underground Utility Services - to account for services performed on major projects outside of the citywide undergrounding initiative; Not to exceed \$450,000
5. Aetna - FY19 renewal of RFP-6-2007 - Medical Insurance; Stop Loss Premium (\$783,817) & Plan Administration (\$192,401)
6. MetLife - FY19 renewal of RFP-18-2008 - Group PPO Dental Benefits; \$366,000
7. Cigna Group Insurance - FY19 renewal of RFP-19-2008 - Group Term Life, AD&D, Voluntary Term Life for Employee, Spouse & Children, Long-Term Disability, and Voluntary Short-Term Disability; \$149,500
8. Duke Energy - Change order #1 to increase the allowable spend under the joint participation agreement for the Fairbanks Corridor Electrical Undergrounding Project; \$977,594.80

f. Approve FY18 budget amendments 5 minutes

10. Action Items Requiring Discussion

11. Public Hearings

- a. Request of the City of Winter Park:** 30 minutes
- For conditional use approval to construct a new Winter Park Library of 34,400 square feet in size and a new city events center of 13,564 square feet on the property at 1050/1052 West Morse Boulevard
- b. Request of Rollins College:** 5 minutes
- To change from an Office Future Land Use designation to an Institutional Future Land Use designation and to change from Office (O-1) district zoning to Public, Quasi-Public (PQP) district zoning and for Conditional Use approval for a new parking garage of two stories/three levels on the properties at 200 East New England Avenue and 203 East Lyman Avenue. **WITHDRAWN BY THE APPLICANT**
- c. Request of the City of Winter Park**
- To modify the maximum height maps to allow a 4 story/5 level parking garage on the property at 203 East Lyman Avenue and for Conditional Use approval to construct, in partnership with Rollins College, additional levels to their parking garage up to 4 stories/5 levels. **WITHDRAWN BY THE APPLICANT**

12. City Commission Reports

13. Millage and Budget Public Hearings (To be held after 5:00 p.m.)

- a. Ordinance - Millage Rate Adoption (2)** 5 minutes
- Ordinance adopting millage rates for the FY 2019 budget.
- b. Ordinance- Adoption of FY19 Budget (2)** 5 minutes
- Ordinance adopting the fiscal year 2019 budget.

Appeals and 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."



city commission **agenda item**

item type	Invocation	meeting date	9/24/2018
prepared by	City Clerk	approved by	
board approval	final vote		
strategic objective			

subject

Jocelyn Williamson, Central Florida Freethought Community

motion / recommendation

background

alternatives / other considerations

fiscal impact



city commission **agenda item**

item type	Mayor's Report	meeting date	9/24/2018
prepared by	Communications	approved by	
board approval	final vote		
strategic objective			

subject

Recognition of Mead Botanical Garden, Inc. volunteers

motion / recommendation

background

alternatives / other considerations

fiscal impact



city commission **agenda item**

item type	City Manager's Report	meeting date	9/24/2018
prepared by	City Clerk	approved by	
board approval	final vote		
strategic objective			

subject

City Manager's Report

motion / recommendation

background

alternatives / other considerations

fiscal impact

ATTACHMENTS:

Description

City Manager's Report

Upload Date

9/18/2018

Type

Cover Memo



city commission city manager's report

item type	meeting date
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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
Quiet zones	Material procurement completed by January 2019 and expected construction completed by August 2019.
Seminole County Ditch Drainage Improvement	Dredging is complete. Alternatives analysis for the long term solution piping of the ditch is ongoing and requires cooperation with Seminole County to design and construct.
Electric undergrounding	<u>Miles of Undergrounding Update</u> Project G: 4 miles 55% complete S. Virginia Ave. near Lyman: .41 miles 95% complete TOTAL so far for FY 2018: 5.2 miles
Fairbanks transmission	Ongoing weekly meetings are taking place between Duke, FDOT and the COWP. Open house is scheduled for October 10 to inform residents. Tentative start date 10/20/18.
Power contracts	10MW GRU expires in 2019. Negotiations underway.
Denning Drive	Phase 3 from Morse to Canton is substantially complete and currently striping and landscaping are underway. Phase 4 (Canton to Webster) will start in January 2019. Power undergrounding and new decorative light installation continues.
Library Design	Architect team is currently working on design development following recent commission meeting approvals and work session clarifications of add/alternates. Conditional use was approved at the September 11 Planning and Zoning Board meeting and is scheduled for the September 24 City Commission meeting.

Consideration of additional parking at MLK, Jr. Park	Preliminary engineering is underway to determine feasibility and order of magnitude cost for adding 90 degree parking along Comstock Avenue adjacent to MLK, Jr. Park and is expected to be ready by the end of September.
"Prohibit Language"	The discussion in the comprehensive plan was on the September 10 agenda.
Bollard Pilot Program	Two locations for bollard installation between New England and West Park Avenue have been identified. Bollard type, aesthetics, and safety metrics meet the review of staff. Installation would take place after purchase by the CRA department.
Mixed Use	Staff is waiting on an updated scope of services. The item is expected to be brought forward in September/October.

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 commission agenda item

item type	Non-Action Items	meeting date	9/24/2018
prepared by	City Clerk	approved by	
board approval	yes	final vote	
strategic objective	Exceptional Quality of Life		

subject

Ward Park Improvement Plan

The City of Winter Park Parks and Recreation Department is planning to work in coordination with Winter Park Health Foundation to enhance the stretch of Ward Park along Loch Lomond adjacent to the newly constructed Center for Health and Well Being. In addition, plan would improve walkability to park from surrounding neighborhoods, as well as create a connection between the Loch Lomond section of Ward Park and the greater Ward Park/Showalter Campus.

motion / recommendation

Information Only

background

Winter Park Health Foundation approached the City of Winter Park regarding improvements to the stretch of Ward Park adjacent to the newly constructed Center for Health and Well Being. The foundation provided the City with a grant to help support the project and City worked with the foundation's Landscape Architect to create an improvement plan that will improve the aesthetics and functionality of the park while also creating a consistent look between the center and adjacent park.

alternatives / other considerations

fiscal impact

The cost for park renovations would be covered through parks major improvement funding and operational budget with work being performed by a mixture of City staff and contracted services.

Hardscape improvements such as new and improved multi-use and walking paths will be covered through funds received through FLDEP while road and infrastructure improvements along Loch Lomond funded through Public Works.

The Parks and Recreation Department does not expect any continuing costs as any increase in maintenance levels can be handled through existing staff.

ATTACHMENTS:

Description

Ward Improvement Plan

Upload Date

9/11/2018

Type

Cover Memo

Ward Park Improvement Plan



Current State of the Park



- **Underutilized** - Park is mainly a passive recreation area with no structured programming
- **Uninviting** – Lack of curb appeal
- **An Afterthought** – Park receives minimal maintenance with heavier focus on high use areas of park (*baseball and multi-use fields, stadium, etc.*)

Our Objectives...



- **Activate the Park** – Create both new structured and passive recreation opportunities with special attention to multi-generational programming in support of the 8-80 initiative.
- **Extension of the Center for Health & Wellbeing**
Park space becomes the 'back yard' for facility.
- **Inviting and Welcoming Space** – Revitalize space with fresh landscaping, site amenities, and ease of access.

The Plan...



LEGEND

- | | | |
|--|--|--|
| 1. FABRICATED 'NATURE' PLAY PIECES | 7. 10' CONCRETE MULTI-USE TRAIL | 13. PROPOSED BOARDWALK |
| 2. PROPOSED PICNIC TABLES | 8. 6' CONCRETE SIDEWALK | 14. STONE BOULDERS AND GRAVEL AT CREEK BED |
| 3. EXISTING PICNIC TABLES W/ ADDED A.D.A. WALK | 9. CONCRETE PAVERS IN 'PEACOCK' PATTERN | 15. PROPOSED A.D.A. PICNIC TABLE |
| 4. COMMEMORATIVE BENCH | 10. 6' METAL BENCH PER CITY STANDARD | 16. BICYCLE SERVICE STATION |
| 5. ELLIPSE LAWN W/ ZOYSIA SOD | 11. PLANTER POTS | 17. PROPOSED BRICK PAVERS AT ROADWAY |
| 6. EXISTING ELECTRICAL TRANSFORMER | 12. PROPOSED SHADE SHELTER / GATEWAY FEATURE | 18. PROPOSED PLANTING, SEE PLANT IMAGES |

N.T.S.
05.04.18

Ward Park - Conceptual Site Plan
Winter Park, FL



Key Components



Improved Infrastructure

- Invasive species removal to improve viewshed and health of wetland area
- Improved walkways/sidewalks through park with connection to St.Andrews Trail and Cady Way Trail
- Loch Lomond Improvements - brick pavers, speed control measures, and pedestrians crossings
- Improved Access - Sidewalk extension along Crosby Way

Key Components



Activation of Park

- Addition of Multi-Use Lawn Space
- Shaded picnic spaces throughout park
- Bike Station
- Connectivity to St. Andrews/Cady Way Trail and remainder of Ward Park Complex
- Nature Play Pieces and Shade Pavilion (Phase 2)



Key Components



Beautification of Park

- New and updated site amenities
- Fresh and vibrant landscaping
- Higher level of maintenance



Project Funding Sources



Grant Funding Provided Through:

- Winter Park Health Foundation
- Florida Department of Environmental Protection

Additional Funding and Support Through:

Public Works, Urban Forestry, Electric Utilities, and Parks and Recreation Departments.

Project Timeline



- Work will begin in early Fall 2018
- Completion of Phase 1 - December 2018 in conjunction with opening of the Center for Health & Wellbeing



city commission agenda item

item type	Non-Action Items	meeting date	9/24/2018
prepared by	City Clerk	approved by	City Manager, N/A
board approval	N/A final vote		
strategic objective	Exceptional Quality of Life, Intelligent Growth and Development, Investment in Public Assets and Infrastructure, Fiscal Stewardship, Public Health and Safety		

subject

Traffic and Transportation Reports Update

motion / recommendation

Information Only. Troy Attaway and Don Marcotte will present updated traffic information/status to the City Commission.

background

Traffic and Crash Study Data related to the specific roads and intersections.

A. Orange Avenue Traffic Reports Update

1. City Commission Last Update March 12, 2018
2. Crash Data and Map updated since last City Commission Meeting 3/12/2018
3. Orwin Manor Association Traffic Calming Committee Report 8/30/18
4. FDOT Composite Study Completed April 5, 2018

B. Lakemont/Aloma Avenues Intersection - CES Turning Movements Study

C. Transportation Improvements Projects Status

Palmer at Temple and Alabama
17-92 Pedestrian Improvements
Signals - Mast Arm Upgrades

Fairbanks/New York and 17-92 and Morse Boulevard

D. Kimley Horn Mobility Plan will be presented to City Commission on October 22, 2018.

alternatives / other considerations

None, information only.

fiscal impact

ATTACHMENTS:

Description

Traffic and Crash Data Back up

Upload Date

9/18/2018

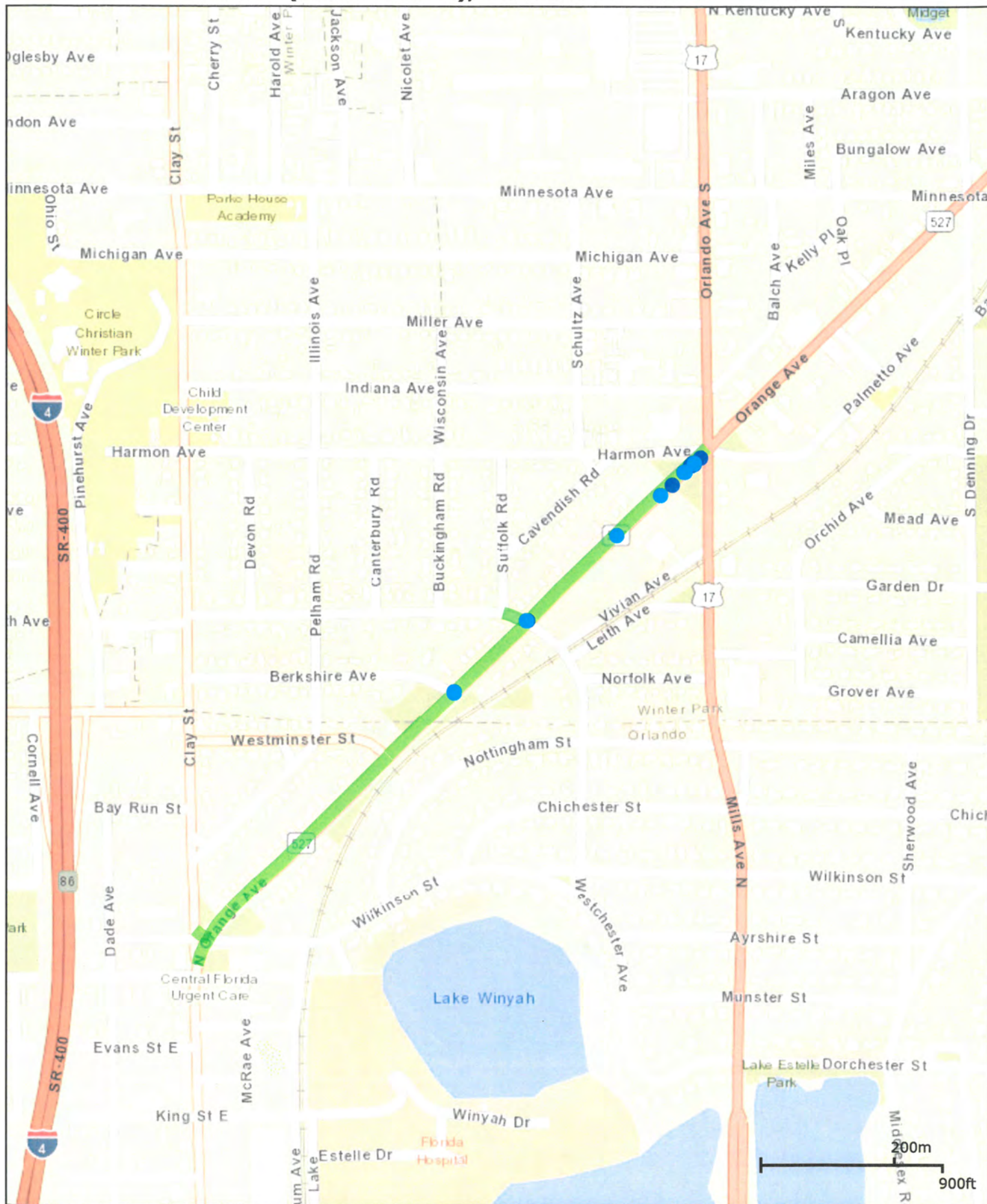
Type

Backup Material

SR 527 (ORANGE AVE.) FROM CLAY ST. TO ORLANDO AVE - CRASH DATA PER SIGNAL FOUR

No.	Crash Date	Crash Time	City	Crash Street	Intersecting Street	Type of Intersection	Crash Type	Crash Type Detailed	Manner of Collision	Offset Distance	Offset Direction	Vehicles	Distraction Related
1	3/1/2018	1:25 PM	CWP	ORANGE AVE	BERKSHIRE AVE	T-Intersection	Left Turn	Left Entering	Angle	0		2	Y
2	4/3/2018	1:14 PM	CWP	ORANGE AVE	ORLANDO AVE S	Not at Intersection	Rear End	Rear End	Front to Rear	336	West	2	Y
3	4/6/2018	4:55 AM	CWP	ORANGE AVE & ORLANDO AVE	ORANGE AVE	Four-Way Intersection	Angle	Right Angle	Sideswipe, Opposite Direction	0		2	N
4	4/20/2018	10:25 AM	CWP	ORANGE AVE	ORLANDO AVE S	Not at Intersection	Rear End	Rear End	Front to Rear	124	West	3	Y
5	4/22/2018	1:12 PM	CWP	WESTCHESTER AVE	ORANGE AVE	Four-Way Intersection	Angle	Right Angle	Angle	0		2	N
6	4/26/2018	10:55 AM	CWP	ORANGE AVE	ORLANDO AVE S	Not at Intersection	Rear End	Rear End	Front to Rear	162	West	2	Y
7	5/8/2018	9:00 PM	CWP	ORANGE AVE	ORLANDO AVE	Not at Intersection	Rear End	Rear End	Front to Rear	50	West	3	N
8	5/31/2018	10:06 AM	CWP	ORANGE AVE	ORLANDO AVE S	Not at Intersection	Rear End	Rear End	Front to Rear	104	West	2	N
9	6/6/2018	5:12 PM	CWP	ORANGE AVE	ORLANDO AVE S	Not at Intersection	Rear End	Rear End	Front to Rear	100	West	3	N
10	6/21/2018	12:28 PM	CWP	ORANGE AVE	WESTCHESTER AVE	Not at Intersection	Left Turn	Left Entering	Angle	627	North	2	Y
11	7/15/2018	11:24 AM	CWP	ORANGE AVE	WESTCHESTER AVE	Four-Way Intersection	Left Turn	Left Rear	Angle	0		2	N
12	7/18/2018	9:16 AM	CWP	ORANGE AVE	ORLANDO AVE S	Not at Intersection	Rear End	Rear End	Front to Rear	169	West	2	Y
13	7/25/2018	10:12 AM	CWP	ORANGE AVE	ORLANDO AVE S	Not at Intersection	Rear End	Rear End	Front to Rear	257	West	2	N
14	7/25/2018	10:15 AM	CWP	ORANGE AVE	BERKSHIRE AVE	Four-Way Intersection	Left Turn	Left Entering	Angle	0		2	N
15	8/6/2018	10:51 AM	CWP	ORANGE AVE	ORLANDO AVE S	Not at Intersection	Rear End	Rear End	Front to Rear	113	West	2	Y

SR 527 (ORANGE AVE.), CLAY ST. TO ORLANDO AVE



SIGNAL FOUR DOCUMENTED CRASH DATA, MARCH 1, 2018 - SEPT. 17, 2018



August 30, 2018

ORWIN MANOR WESTMINSTER ASSOCIATION ORANGE AVENUE TRAFFIC CALMING COMMITTEE REPORT

Contact: info@orwinmanor.org or 407.622.4886



*Orange Avenue before widening at Berkshire Avenue looking northeast.
Circa mid-1920's.*



Current view of Orange Avenue at Berkshire Avenue looking northeast.

SUMMARY

History:

In response to recent accidents including the tragic deaths of two women on New Year's Eve 2017, the Orwin Manor Westminster Association Board formed the Orange Avenue Traffic Calming Committee (OATCC). They are tasked with making recommendations on traffic calming for Orange Avenue to present to the City of Winter Park. Future tasks include Clay Avenue/Street issues. The OATCC consists of board members Elizabeth Bell, Stephen Pategas, Colte Suggs, and Leslie Williams. Other members include residents Christy Elder, Brad Osterhaus, and Maegen Pierce.

In July, committee member Elizabeth Bell and neighbor Greg Hartung met with Orange County District 5 Commissioner Emily Bonilla and staff at the Winter Park Community Meeting. She agreed to be our advocate in helping us in our quest to have changes made to our section of Orange Avenue to make it safe for motorists, pedestrians, and bicyclists alike. She advised us to send our suggestions and photos to her and her staff and have the Orwin Manor neighbors attend city commission and MetroPlan Orlando meetings to have our voices heard.

Speeding, passing, and weaving traffic: in the mid 1980's Orange Avenue was only two lanes with on street parking. Expansion to four lanes created a hazardous high-speed zone. At .7 miles in length, Orange Avenue through Orwin Manor Westminster Section is the longest stretch of Orange Avenue in the urban core without any traffic lights. Drivers take advantage of that and act as if they are on an open road in the country racing to get ahead of other vehicles. However, at either end of the two, two-lane stretches in both directions, vehicles are merged into one lane for through traffic. This encourages a speed zone for drivers to pass and get ahead of others before merging back to one lane.

Threatened pedestrians and bicyclists: with six bus stops and an active neighborhood with many pets, there are numerous people walking and bicycling along and crossing Orange Avenue without using crosswalks. The crosswalk at Orlando Ave is .7 miles from the next one at Clay Street and Wilkinson Street. At the midpoint near Berkshire Avenue to walk to the other side using a crosswalk takes 13 minutes - not including wait time at the crosswalk.

PROPOSED INITIATIVES

1. **Road diet:** reduction from four lanes to a three-lane section, including a bi-directional left turn lane and five or six-foot wide bike lanes. The roadway could include medians with crosswalks, like Denning Avenue.
2. **Radar speed signs:** a minimum of two in each direction between Orlando Avenue and Clay Street
3. **Traffic light visors:** restrict the view of signal lights to reduce speeding up to “make a green light” (see image)
4. **Orange Avenue turn lane signage:** northeast bound left turn and through/right lane turn arrow signs should be placed overhead with the traffic lights. Add additional signage at the curb and on the pavement noting left turn only lane ahead. Current signs to the right of the curb are often blocked by large vehicles in the right-hand lane.
5. **Speed table:** install one with signed crosswalks at the Westchester Avenue intersection (see image)
6. **Signed crosswalks:** add these at the Westchester Avenue intersection if a speed table is not feasible
7. **Psychological roadway narrowing - trees:** add additional tree plantings to create a visual psychological narrowing effect and shade sidewalks and the roadway.
8. **Psychological roadway narrowing - gateway:** restore the demolished Orwin Manor Gateway Arches flanking Orange Avenue just southwest of Orlando Avenue. They were demolished decades ago and were like the existing one at Clay Avenue. The City of Winter Park owns land on either side of Orange Avenue that could host the replicated gates. (see images)



Orlando Avenue intersection needs lane signs installed at traffic signals.



Westchester Avenue intersection needs a speed table and crosswalks across Orange Avenue.



The arch on the far right that was at Wilkinson is a good representation of what the two destroyed arches at Orange and Orlando Avenues may have looked like. Circa mid-1920's.



This existing historic arch along Clay Street could be replicated on each side of Orange Avenue.

PREVIOUSLY SUGGESTED NO LEFT TURN LANES

The no left turns at Westchester Avenue FDOT suggestion is not viable and undesirable for several reasons including:

1. Traffic desiring a left turn would be pushed to the neighboring streets of Berkshire Avenue in Winter Park and Westminster Street in Orlando.
2. Traffic heading westbound on Westchester could easily backup onto the railroad tracks when it reaches Orange Avenue, can only turn right and finds backed up traffic on Orange Avenue.
3. Cut through traffic would be encouraged to use the three entries of the parking lot of the TD Bank (former Florida Gas) building
4. Many Orange Avenue residents would have great difficulty getting to their houses and their driveways.
5. Some Orwin Manor residents when heading towards downtown Winter Park could not use Orange Avenue without having to use a convoluted route traversing numerous roadways.

SUMMARY:

Serious traffic calming on Orange Avenue as well as on Clay Avenue/Street is needed to preserve the integrity of our neighborhood and the safety of its residents.

We welcome a dialogue on the initiatives we propose for Orange Avenue and strongly discourage the implementation of a left turns only policy. We hope to minimize the potential need for future memorials such as this one. The memorials are on Orange Avenue just northeast of Westchester Avenue where the vehicle with Keisha Perales and Geena Pabarue came to rest following the impact from a vehicle travelling 129 MPH.



Orange Avenue memorials to Keisha Perales and Geena Pabarue who lost their lives New Year's Eve 2017.

Please contact the committee at info@orwinmanor.org or 407.622.4886.

Composite Study

Qualitative Assessment
8 Hour TMC
Collision Analysis

SR 527 at Westchester Avenue

Section 75040000 - MP 17.155

Orange County

Prepared for:

THE FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT 5 TRAFFIC OPERATIONS
719 South Woodland Boulevard
Deland, Florida 32720



Districtwide Continuing Services for Traffic Operations
Financial Project ID: 237987-1-32-15
Contract Number: C-9R23
Consultant No. 4.2326
Work Order No. 33
Study 1

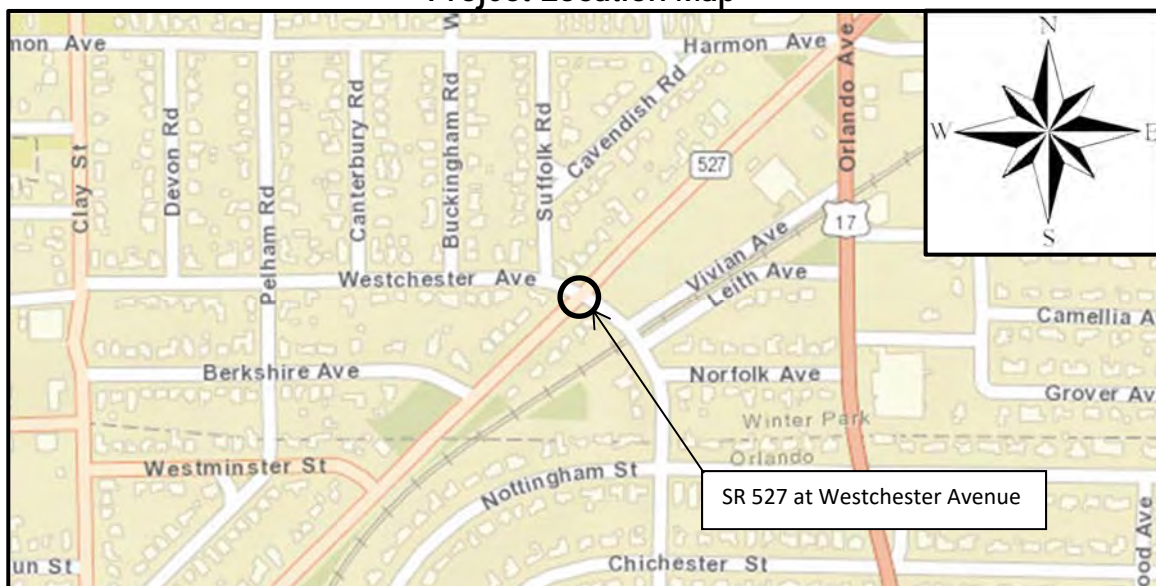
Prepared by:
Metric Engineering, Inc.
615 Crescent Executive Court, Suite 524
Lake Mary, Florida 32746

April 5, 2018

Prepared by: Patrick Eklin

Engineer of Record: Joshua Reichert
P.E. No. 77036

Project Location Map



Summary of Existing Conditions

Feature	Description
Major Street	<ul style="list-style-type: none"> SR 527 (Orange Avenue)
Minor Street	<ul style="list-style-type: none"> Westchester Avenue
Area Location	<ul style="list-style-type: none"> The intersection is located in Orlando, Florida, Orange County
Land Uses at Intersection	<ul style="list-style-type: none"> Southwest – Residential Northwest – Residential Northeast – Parking Lot Southeast – Residential
Traffic Control	<ul style="list-style-type: none"> This 4-legged intersection is stop controlled on both side street approaches.
Adjacent Signalized Intersections	<ul style="list-style-type: none"> West Approach – N/A East Approach – N/A North Approach – US 17/92 (0.25 mile to the northeast) South Approach – Wilkinson Street/Clay Avenue (0.43 mile to the southwest)
SR 527	<ul style="list-style-type: none"> <u>Cross Section</u> – Four lane undivided urban minor arterial roadway with 11' lanes and no shoulders. <u>Posted Speed Limit</u> – 35 mph <u>North Approach Lane</u> – One through/left, and one through/right lane <u>South Approach Lanes</u> – One through/left, and one through/right lane
Westchester Avenue	<ul style="list-style-type: none"> <u>Cross Section</u> – Two lane undivided roadway <u>Posted Speed Limit</u> – 25 mph <u>East Approach Lanes</u> – One through/ left/ right lane <u>West Approach Lanes</u> – One through/ left/ right lane
Pedestrian Generators	<ul style="list-style-type: none"> Residential Neighborhoods on both sides of SR 527
Other Significant Features	<ul style="list-style-type: none"> Railroad Crossing with Arms .05 miles south on Westchester Avenue
24 Hour Volume	<ul style="list-style-type: none"> 2016 AADT 14,600 (750436)

QUALITATIVE ASSESSMENT

The intersection of SR 527 at Westchester Avenue was observed by a registered professional engineer during the morning (7:00 - 9:00 AM) and the afternoon (4:00 - 6:00 PM) peak periods to assess existing operating conditions and review the need for any improvements or modifications.

Request: FDOT requested a review of the traffic operations at SR 527 and Westchester Avenue to determine if safety improvements can be made.

Operations: Includes the safety and efficiency of operation and interaction of motor vehicles, pedestrians, and bicycles at the intersection. The following are the observations relating to these factors:

- The location is a 4-way intersection controlled by stop signs on Westchester Avenue. SR 527 is a 4-lane undivided roadway with no shoulders.
- The SR 527 and Westchester Avenue intersection is located within a 35 MPH speed zone. The speed zones along SR 527 to the north and to the south of this particular zone are both 30 MPH.
- Decorative street lighting exists along both sides of SR 527 in the vicinity of the intersection. Railroad tracks run parallel to SR 527 to the east of SR 527. Mature oak trees line both sides of SR 527 in the vicinity of the subject intersection, also creating a canopy over the roadway.
- The access management classification along this segment of SR 527 shows Class 6, which includes non-restrictive medians and 1,320 feet spacing for traffic signals. Complete descriptions are found in Rule 14-97 F.A.C., "State Highway System Access Control Classification System and Access Management Standards". The context classification could be described as C-4 Urban General due to the adjacent mixed uses of residential and commercial properties and small blocks. This intersection lies within a grid network that allows drivers multiple routes to reach their destination.
- Turning Movement Counts (TMCs) were performed on Monday, January 29 from 7:00 AM to 9:00 AM, 11:00 AM to 1:00 PM, and 2:00 PM to 6:00 PM. Pedestrian and bicycle crossing counts were also collected. The results of the counts are summarized below and included the Appendix of this study.
 - Approximately 4,230 northbound vehicles and 4,744 southbound vehicles approached the intersection during the count periods. The traffic counts show a total of 40 northbound left turns with zero U-turns and 129 northbound right turns. There were also 78 southbound left turns with zero U-turns and 258 southbound right turns as part of that volume.
 - During the AM peak, the highest northbound volume was 481 vehicles per hour (vph) and the highest southbound volume was 900 vph from 7:45 to 8:45 AM. The peak northbound left/U-turn movement was 3 vph from 7:45 to 8:45 AM and the peak southbound left turn movement was 10 vph from 7:45 to 8:45 AM. The peak for the eastbound left turn movement was 15 vph from 7:15 to 8:15 AM and 17 vph for the westbound left turn movement from 8:00 to 9:00 AM.
 - During the PM peak, the highest northbound volume was 721 vph and the highest southbound volume was 573 vph from 4:45 to 5:45 PM. The peak northbound left turn movement was 12 vph from 4:45 to 5:45 PM and the peak southbound left turn movement was 14 vph from 2:45 to 3:45 PM. The peak for the eastbound left turn movement was 18 vph from 2:30 to 3:30 PM and 24 vph for the westbound left turn movement from 4:15 to 5:15 PM.

- The AM and PM field reviews yielded very different observations. The AM field review found light to moderate traffic while the PM field review found heavier traffic and more conflicts between vehicles.
- During the AM peak observations, the northbound and southbound traffic was light to moderate, often passing the study area in platoons due to the nearby adjacent signals. Traffic on Westchester Avenue was light. Maximum queues on both approaches were 3 vehicles, and were rarely more than 1. Only once was a queued vehicle noted at the intersection for over a minute, and it was due to platooned traffic approaching the intersection from the east after being released by the railroad crossing signal on Westchester Avenue.
- Motorists along SR 527 were seen driving at or above the speed limit. A recent speed study performed for FDOT District 5 shows that the 85th percentile speed at this location is 41 MPH. This is not surprising, as SR 527 is straight, flat, and without any stop control for approximately $\frac{3}{4}$ mile in this area.
- A work vehicle with a trailer was observed trying to back into a driveway off of SR 527 near the intersection. This maneuver caused southbound SR 527 traffic to stop momentarily. Although this scenario leaves open opportunity for vehicle conflict, the patience and awareness of the motorists at the time allowed the maneuver to occur with no additional issues.
- Overall, the intersection and adjacent roadway operated well in the AM period. No issues were noted.
- The PM peak review revealed higher traffic than in the AM. Traffic spiked noticeably between 4:45 and 5:20 PM, possibly due to shift changes at nearby workplaces, such as the hospital to the south. Although the side street queues were still observed at three or less vehicles, queues of two or three vehicles were more common, and the delays were longer.
- Motorists were more aggressive and took more risks in the PM period. Numerous “close calls” were observed between motorists on Westchester Avenue trying to navigate onto or across SR 527. These conflicts were with both traffic on SR 527, and conflicting movements from both approaches on Westchester Avenue. Although traffic on SR 527 was still platooned, these platoons were longer and denser in the PM, which could have given motorists on Westchester the impression that opportunities to navigate onto SR 527 were slim, thus increasing risk-taking.
- Some conflicts between Westchester Avenue motorists appeared to be due to motorists not using turn signals. For example, two vehicles approached SR 527 from either direction and did not have their blinkers on. However, one of them proceeded to turn left, almost hitting the opposing driver who was performing a through movement. The opposing driver was likely unaware that the left-turning driver was not intending to drive through the intersection.
- Between 4:45 and 5:20 PM, northbound traffic began queuing through the intersection from the signal at US 17/92 to the north. This presented a scenario known as the “Good Samaritan” effect, when well-meaning motorists queued on the main street provide a gap for side street motorists to enter traffic. However, the opposite direction of traffic is still flowing, and the side street motorists have no view of oncoming traffic due to the queued vehicles. On multiple occasions, westbound motorists on Westchester Avenue pulled onto SR 527 within the northbound queue to either turn left or head straight through the intersection, only to be trapped as they could not see southbound SR 527 traffic. This resulted in operational deficiencies as well as a couple of near hits. Fortunately, this situation was relatively short-lived, as the queued traffic subsided after 5:20 PM.

- In addition to the more aggressive driving, speeding was observed during the PM field review.
- During both the AM and PM review periods, bicyclists and pedestrians were observed crossing SR 527 at the intersection. However, the number of crossings observed were not high enough to meet Traffic Engineering Manual (TEM) criteria for installing any type of mid-block crosswalk.

Safety: Vehicle, pedestrian, and bicycle safety at the intersection are assessed through review of crash reports, identification of significant crash trends, then correlation to field conditions.

Crash data was obtained from the FDOT Crash Analysis Reporting (CAR) system and University of Florida Signal 4 Analytics for the intersection of SR 527 and Westchester Avenue from January 1, 2017 to December 31, 2017. Nine crashes were identified and were comprised of five angle collisions, two left turn collisions, 1 right turn collision, and 1 struck cyclist. Seven collisions contained injuries with a total of 17 injuries and two fatalities. Eight collisions occurred during daylight on dry pavement and one occurred during dusk on dry pavement. The contributing causes for angle crashes were three Careless Driving and two Failure to Yield Right of Way (FTYRW) crashes. The two left turn crashes were Careless Driving, the right turn crash was Failure to Yield Right of Way (FTYRW), and the struck cyclist was Failure to Yield Right of Way (FTYRW). Total property damage was estimated at \$69,400 not including damages from the most recent angle collision (which included the two fatalities), for which the investigation is ongoing. Seven crashes occurred between noon and 6 PM, with three of the collisions occurring during the PM Peak period of 4 to 6 PM.

The trend in crashes appears to reflect the PM peak field review observations that show that drivers appear to be taking more risks in navigating onto SR 527 from Westchester Avenue and that there appears to be confusion over which drivers have the right-of-way upon entering the intersection. Three “Good Samaritan” crashes also appeared in the crash review, two of which were during the PM Peak, which appear to match up with the observations from the field review. Finally, the speed of motorists could be having an effect on the crashes – an article detailing the most recent crash on December 31st that resulted in the fatalities suggests that the at-fault driver was approaching 130 MPH when he collided with the second vehicle.

Maintenance: In addition to observing operational and safety conditions, correctable maintenance items are also identified during the field review. The following is a summary of maintenance items observed at the intersection.

- A “No Parking” sign for northbound traffic just north of the intersection is heavily damaged, possibly by the most recent crash in the area. It is recommended to replace the sign.
- The oak trees lining SR 527 did not appear to currently be in need of maintenance, but many of them had branches hanging low over the sidewalks and roadway, and may need trimming in the near future.

Based on the field observations, crash history at the intersection, and engineering judgement the following recommendations are made:

1. Coordinate with local law enforcement to provide enhanced speeding and aggressive driving enforcement in the area.

2. Consider a regulation restricting the side street movements to right turns only between the hours of 4 to 6 PM. Due to the grid network, motorists have alternate options to reach their destinations during these times.
3. We recommend looking at the timing for the intersection of SR 527 at US 17/92 to see if more time can be added to the northbound approach to reduce its queuing in the PM peak without adversely impacting other movements.
4. More investigation is recommended to further study the benefits, drawbacks and overall feasibility of de-widening along SR 527 between Wilkinson Street/ Clay Avenue and US 17/92. Any increase in lane widths is not recommended; increasing the friction of the corridor in an effort to reduce speeds would be one of the key intents of this proposal. Possible options are:
 - a. A three-lane typical section, which would allow left-turning motorists along SR 527 to stop without queueing through traffic, and also reduce conflict points for motorists on Westchester Avenue at the intersection, as there would be fewer lanes to cross. Two-stage left turn movements could also be performed if necessary.
 - b. A two-lane section with on-street parking along both sides of SR 527. The benefits of this option would be fewer lanes for side street motorists to cross, a possible reduction in motorist speeds, and allowing residents a parking option that does not require them to back onto SR 527 to leave their residences.
5. Based on the 8-hour TMCs performed, the signal does appear to meet the reduced (70%) volumes for Signal Warrant 2: Four-Hour Vehicular Volume, but only if this reduced warrant were allowed to be based on the 85th percentile speeds and not the actual speed limit of SR 527. However, based on the proximity of this intersection with the signalized intersection of US 17/92, the queues that already extend back to this intersection from US 17/92, and the residential nature of the street, a signal is not recommended.

Northeast Approach Photographs



Looking southwest into the intersection along Orange Avenue



Looking northeast from the intersection along Orange Avenue

Southwest Approach Photographs



Looking northeast into the intersection along Orange Avenue



Looking southwest from the intersection along Orange Avenue

Southeast Approach Photographs



Looking northwest into the intersection along Westchester Avenue



Looking southeast from the intersection along Westchester Avenue

Northwest Approach Photographs



Looking southeast into the intersection along Westchester Avenue



Looking northwest from the intersection along Westchester Avenue

Maintenance Photographs



Looking Northeast along SR 527 at trees that may need future maintenance pruning

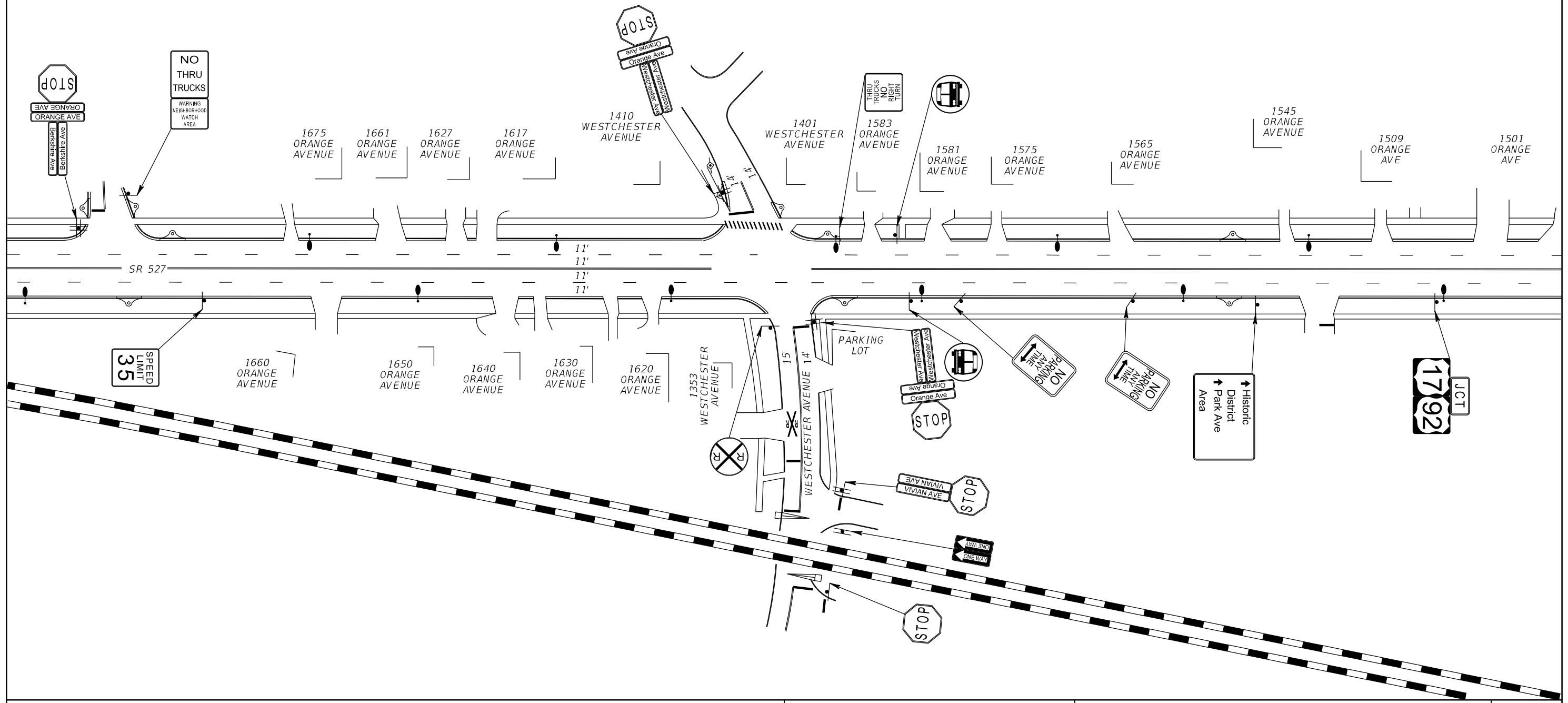
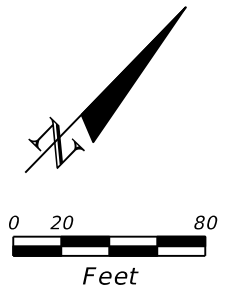

















Looking Northeast along SR 527 at trees that may need future pruning, with damaged sign in the background

Maintenance Photographs



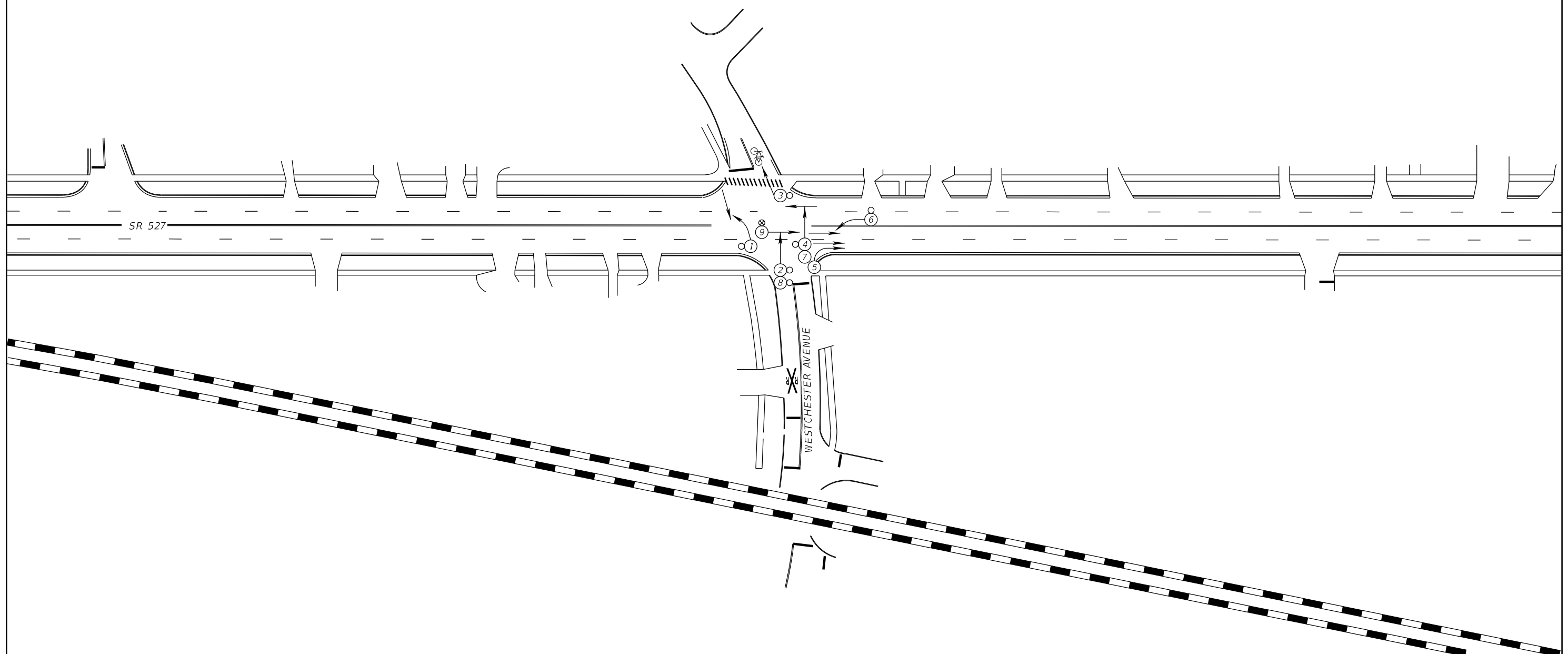
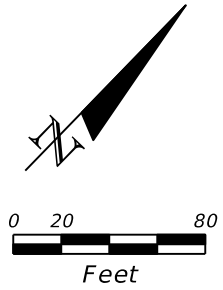
Looking southwest along SR 527 at trees that may need future pruning over sidewalk



<div>Agenda Packet Page 42</div> <div>LEGEND:</div> <div><div><div> CONTROLLER CABINET</div><div> TRAFFIC SIGNAL POLE</div><div> SIGNAL HEAD</div><div> PEDESTRIAN CROSSING</div></div><div><div> SIGN</div><div> DELINEATOR</div><div> POWER POLE</div><div> LIGHT POLE</div></div><div><div> RAILROAD GATE</div><div> TRAFFIC ENFORCEMENT DETECTOR</div><div> FIRE HYDRANT</div></div><div><div> DITCH BOTTOM INLET</div><div> MITERED END SECTION</div><div> DRAINAGE INLET</div><div> BUILDING</div></div></div>										<div>METRIC ENGINEERING, INC.</div> <div>615 CRESCENT EXECUTIVE COURT</div> <div>SUITE 524</div> <div>LAKE MARY, FL 32746</div>		<div>CONDITION DIAGRAM</div> <div>CONTINUING SERVICES FOR TRAFFIC OPERATIONS</div> <div>SR 527 @ WESTCHESTER AVENUE</div>		<div>PAGE NO.</div> <div>12</div>
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COLLISION DATA

COLLISION DATA															
Section: 75040 State Road: SR 527 Intersecting Roadway: Westchester Avenue Source Data: CARs and Signal Four Analytics															
County: Orange City: Orlando															
No.	Study Period		Date	Day	Time	Driver 1 Age	12 Months					Roadway Surface	Weather	Number of Fatalities	Number of Injuries
	From	to					Alcohol/Drugs Involved	Lighting Condition	Daylight	Dark	Dark (No SL)				
1	8/31/17	9/30/17	8/31/17	Wed	17:00	28	None	Daylight	Daylight	Dark	Dark (No SL)	Dry	Clear	0	1
2	8/31/17	9/30/17	8/31/17	Tue	12:33	77	None	Daylight	Daylight	Dark	Dark (No SL)	Dry	Clear	0	2
3	8/31/17	9/30/17	8/31/17	Fri	8:20	51	None	Daylight	Daylight	Dark	Dark (No SL)	Dry	Clear	0	1
4	8/31/17	9/30/17	8/31/17	Mon	16:17	25	None	Daylight	Daylight	Dark	Dark (No SL)	Dry	Clear	0	2
5	8/31/17	9/30/17	8/31/17	Fri	14:22	23	None	Daylight	Daylight	Dark	Dark (No SL)	Dry	Clear	0	0
6	8/31/17	9/30/17	8/31/17	Wed	14:40	60	None	Daylight	Daylight	Dark	Dark (No SL)	Dry	Clear	0	1
7	8/31/17	9/30/17	8/31/17	Wed	17:22	34	None	Daylight	Daylight	Dark	Dark (No SL)	Dry	Clear	0	0
8	8/31/17	9/30/17	8/31/17	Fri	14:27	68	None	Daylight	Daylight	Dark	Dark (No SL)	Dry	Clear	0	5
9	8/31/17	9/30/17	8/31/17	Sun	5:45	28	Unknown	Dusk	Dusk	Dark	Dark (No SL)	Dry	Clear	2	5
CRASH STATISTICS															
Total Number of Crashes	Total Number of Fatalities	Number of Injuries	Fatal Crashes	Injury Crashes	Total Property Damage	None	Possible	Non-Incapacitating	Incapacitating	Fatal	Daylight	Dark (SL)	Dark (No SL)	Dusk	Dawn
9	2	17	1	7	\$69,400	2	4	2	0	1	8	0	0	1	0
100%	N/A	N/A	11%	78%	N/A	22%	44%	22%	0%	11%	89%	0%	0%	11%	0%
ROADWAY CONDITION															
Wet	Dry	Unknown	Rear End	Head-On	Angle	Left Turn	Right Turn	Sideswipe	Backed Into	Parked Car	Coil W/Man on Roadway	Pedestrian	Bike	Bike (Bike Lane)	Moped
0	9	0	0	0	5	2	1	0	0	0	0	0	1	0	0
0%	100%	0%	0%	0%	56%	22%	11%	0%	0%	0%	0%	0%	11%	0%	0%
HARMFUL EVENT															
			Train	Animal	Hit Sign/Sign Post	Hit Utility Pole	Hit Guardrail	Hit Fence	Hit Concrete Barrier Wall	Hit Br/Pier/Abutt	Hit Const Barrier/Sign/Br/Pier/Abutt	Traffic Gate	Crash Attenuator	Fixed Object Above Road	Other Fixed Object
			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%
CONTRIBUTING CAUSE															
Alcohol/Drugs Under Influence	Careless Driving	FTYRW	Improper Backing	Improper Lane Change	Improper Turn	Followed Too Closely	Disregarded Traffic Signal	Exceeded Safe Speed Limit	Disregarded Stop Sign	Failed to Maintain Equipment	Improper Passing	Drove Left of Center	Exceeded Stated Speed Limit	Obstructing Traffic	Improper Load
0	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0
0%	56%	44%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Disregarded Other Traffic Control	Driving Wrong Side/Way	Fleeing Police	Vehicle Modified	Driver Distraction	No Improper Driving	Unknown	All Other								
0	0	0	0	0	0	0	0								
0%	0%	0%	0%	0%	0%	0%	0%								



<p>LEGEND:</p> <table border="0"><tr><td>⊗ FATAL</td><td>← ← REAR END</td><td>↘ RIGHT TURN</td><td>↙ LEFT TURN</td><td>🚲 HIT BICYCLE</td></tr><tr><td>○ INJURY</td><td>↘ SIDESWIPE</td><td>○ HIT PEDESTRIAN</td><td>↘ OVERTURNED</td><td>⚡ HIT SIGN</td></tr><tr><td>ⓧ COLLISION NUMBER</td><td>~ OUT OF CONTROL</td><td>↪ U-TURN</td><td>→ → HEAD ON</td><td>🚧 HIT UTILITY POLE</td></tr><tr><td>Agenda Packet Page 44</td><td>↪ BACKED INTO</td><td>↓ ANGLE</td><td>▬ HIT FIXED OBJECT</td><td>↘ RAN INTO DITCH/CULVERT</td></tr></table>				⊗ FATAL	← ← REAR END	↘ RIGHT TURN	↙ LEFT TURN	🚲 HIT BICYCLE	○ INJURY	↘ SIDESWIPE	○ HIT PEDESTRIAN	↘ OVERTURNED	⚡ HIT SIGN	ⓧ COLLISION NUMBER	~ OUT OF CONTROL	↪ U-TURN	→ → HEAD ON	🚧 HIT UTILITY POLE	Agenda Packet Page 44	↪ BACKED INTO	↓ ANGLE	▬ HIT FIXED OBJECT	↘ RAN INTO DITCH/CULVERT	<p>METRIC ENGINEERING, INC. 615 CRESCENT EXECUTIVE COURT SUITE 524 LAKE MARY, FL 32746</p>	<p>COLLISION DIAGRAM CONTINUING SERVICES FOR TRAFFIC OPERATIONS SR 527 @ WESTCHESTER AVENUE</p>	<table border="1"><tr><td>PAGE NO.</td></tr><tr><td>14</td></tr></table>	PAGE NO.	14
⊗ FATAL	← ← REAR END	↘ RIGHT TURN	↙ LEFT TURN	🚲 HIT BICYCLE																								
○ INJURY	↘ SIDESWIPE	○ HIT PEDESTRIAN	↘ OVERTURNED	⚡ HIT SIGN																								
ⓧ COLLISION NUMBER	~ OUT OF CONTROL	↪ U-TURN	→ → HEAD ON	🚧 HIT UTILITY POLE																								
Agenda Packet Page 44	↪ BACKED INTO	↓ ANGLE	▬ HIT FIXED OBJECT	↘ RAN INTO DITCH/CULVERT																								
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patrick.eclin 2/2/2018 1:40:10 PM R:\PROJECT\D5_Cont_Services_4.2326\Studies\SR 527 @ Westchester Avenue\dgn\SR 527 @ Westchester Avenue - Condition.dgn

APPENDIX

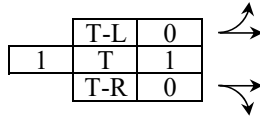
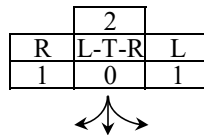
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF VEHICLE MOVEMENTS

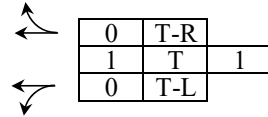
Location: SR 527 @ Westchester Avenue
North/ South Street: SR 527
East/ West Street: Westchester Avenue
Observer(s): Carlos Fullenwider
Weather: Good
Road Condition: Good
Section: 75040
M.P. 17.155
City: Orlando
County: Orange
Date: January 29, 2018

Remarks:

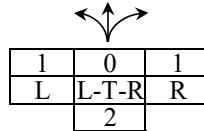
NB Street Name: SR 527



EB Street Name:
Westchester Avenue



WB Street Name:
Westchester Avenue



SB Street Name: SR 527

Time	Northbound					Southbound					Total	Eastbound					Westbound					Total
Begin/End	L	T	R	U	Total	L	T	R	U	Total	N/S	L	T	R	U	Total	L	T	R	U	Total	E/W
7-8	2	365	13	0	380	5	787	36	0	828	1208	13	14	2	0	29	9	45	16	0	70	99
8-9	2	459	20	0	481	9	790	44	0	843	1324	14	19	10	0	43	17	30	16	0	63	106
11-12	3	438	13	0	454	7	431	22	0	460	914	13	16	7	0	36	13	22	11	0	46	82
12-1	4	509	9	0	522	12	484	30	0	526	1048	13	11	6	0	30	10	19	21	0	50	80
2-3	2	476	18	0	496	11	460	19	0	490	986	17	13	3	0	33	17	26	18	0	61	94
3-4	7	526	10	0	543	12	452	32	0	496	1039	16	18	6	0	40	15	23	19	0	57	97
4-5	12	653	19	0	684	12	435	39	0	486	1170	5	25	5	0	35	21	40	17	0	78	113
5-6	8	635	27	0	670	10	569	36	0	615	1285	8	26	12	0	46	16	40	16	0	72	118
Total	40	4061	129	0	4230	78	4408	258	0	4744	8974	99	142	51	0	292	118	245	134	0	497	789

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PEDESTRIAN VOLUME SHEET

Location: SR 527 @ Westchester Avenue
North/ South Street: SR 527
East/ West Street: Westchester Avenue
Observer(s): Carlos Fullenwider
Weather: Good
Section: 75040
M.P. 17.155
City: Orlando
County: Orange
Date: January 29, 2018

Remarks: _____

SB Street Name: SR 527



7-8	8-9	11-12	12-1	2-3	3-4	4-5	5-6	Total
0	2	0	0	0	1	1	1	5
1	0	0	1	0	0	2	0	4
1	2	0	1	0	1	3	1	9

7-8	8-9	11-12	12-1
1	0	0	1
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
1	0	0	1

EB Street Name:
 Westchester Avenue

WB Street Name:
 Westchester Avenue

7-8	8-9	11-12	12-1
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	0	0
0	0	0	0

7-8	8-9	11-12	12-1	2-3	3-4	4-5	5-6	Total
0	1	1	0	0	2	1	0	5
2	0	0	1	0	0	2	2	7
2	1	1	1	0	2	3	2	12

NB Street Name: SR 527

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

BICYCLE VOLUME SHEET

Location: SR 527 @ Westchester Avenue
North/ South Street: SR 527
East/ West Street: Westchester Avenue
Observer(s): Carlos Fullenwider
Weather: Good

Section: 75040
M.P. 17.155
City: Orlando
County: Orange
Date: January 29, 2018

Remarks: _____

SB Street Name: SR 527

7-8	8-9	11-12	12-1	2-3	3-4	4-5	5-6	Total
0	0	0	0	0	0	0	0	0
0	1	0	0	0	2	0	2	5
0	1	0	0	0	2	0	2	5



7-8	8-9	11-12	12-1
0	0	0	0
0	0	0	0
0	0	0	0
0	1	1	1
0	0	0	0
1	0	0	1
0	0	0	0
0	0	1	1
Total	1	2	3

EB Street Name:
Westchester Avenue

WB Street Name:
Westchester Avenue

7-8	8-9	11-12	12-1
0	0	0	0
0	0	0	0
0	0	0	0
1	0	0	1
0	0	0	0
0	2	2	2
0	0	0	0
1	0	0	1
Total	2	2	4

7-8	8-9	11-12	12-1	2-3	3-4	4-5	5-6	Total
1	0	0	0	0	0	1	1	3
0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	1	1	3

NB Street Name: SR 527

Metric Engineering, Inc.

615 Crescent Executive Court

Suite 524

Lake Mary, FL 32746

File Name : SR 527 @ Westchester Avenue

Site Code : 00000000

Start Date : 1/29/2018

Page No : 1

Location:

SR 527 @ Westchester Avenue

Groups Printed- Auto - Truck

	SR 527 Southbound					Westchester Avenue Westbound					SR 527 Northbound					Westchester Avenue Eastbound					
Start Time	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Int. Total
07:00 AM	1	171	9	0	181	2	15	2	0	19	0	65	1	0	66	3	0	0	0	3	269
07:15 AM	0	193	12	0	205	4	16	1	0	21	0	85	3	0	88	5	3	0	0	8	322
07:30 AM	1	213	10	0	224	3	6	6	0	15	0	105	1	0	106	1	5	2	0	8	353
07:45 AM	3	210	5	0	218	0	8	7	0	15	2	110	8	0	120	4	6	0	0	10	363
Total	5	787	36	0	828	9	45	16	0	70	2	365	13	0	380	13	14	2	0	29	1307
08:00 AM	2	230	15	0	247	5	9	5	0	19	0	107	0	0	107	5	5	0	0	10	383
08:15 AM	3	202	8	0	213	3	5	4	0	12	0	126	9	0	135	3	2	2	0	7	367
08:30 AM	2	210	10	0	222	4	10	3	0	17	1	114	4	0	119	1	4	7	0	12	370
08:45 AM	2	148	11	0	161	5	6	4	0	15	1	112	7	0	120	5	8	1	0	14	310
Total	9	790	44	0	843	17	30	16	0	63	2	459	20	0	481	14	19	10	0	43	1430
11:00 AM	2	97	5	0	104	3	4	1	0	8	1	105	1	0	107	3	5	1	0	9	228
11:15 AM	1	107	7	0	115	1	5	4	0	10	0	112	6	0	118	2	4	1	0	7	250
11:30 AM	3	119	5	0	127	6	7	2	0	15	1	105	5	0	111	6	7	4	0	17	270
11:45 AM	1	108	5	0	114	3	6	4	0	13	1	116	1	0	118	2	0	1	0	3	248
Total	7	431	22	0	460	13	22	11	0	46	3	438	13	0	454	13	16	7	0	36	996
12:00 PM	2	114	4	0	120	2	6	4	0	12	0	120	3	0	123	3	1	2	0	6	261
12:15 PM	3	100	13	0	116	3	7	4	0	14	2	133	2	0	137	3	3	0	0	6	273
12:30 PM	2	121	10	0	133	1	2	6	0	9	0	132	1	0	133	2	2	2	0	6	281
12:45 PM	5	149	3	0	157	4	4	7	0	15	2	124	3	0	129	5	5	2	0	12	313
Total	12	484	30	0	526	10	19	21	0	50	4	509	9	0	522	13	11	6	0	30	1128
02:00 PM	1	110	5	0	116	6	7	2	0	15	0	119	2	0	121	4	3	0	0	7	259
02:15 PM	4	115	5	0	124	2	8	8	0	18	0	105	7	0	112	3	6	0	0	9	263
02:30 PM	1	125	3	0	129	5	7	4	0	16	1	126	3	0	130	6	1	3	0	10	285
02:45 PM	5	110	6	0	121	4	4	4	0	12	1	126	6	0	133	4	3	0	0	7	273
Total	11	460	19	0	490	17	26	18	0	61	2	476	18	0	496	17	13	3	0	33	1080
03:00 PM	4	142	8	0	154	2	5	7	0	14	0	133	4	0	137	2	6	1	0	9	314
03:15 PM	3	92	5	0	100	5	8	2	0	15	4	132	1	0	137	6	3	1	0	10	262
03:30 PM	2	118	8	0	128	2	4	6	0	12	1	130	3	0	134	3	5	1	0	9	283
03:45 PM	3	100	11	0	114	6	6	4	0	16	2	131	2	0	135	5	4	3	0	12	277
Total	12	452	32	0	496	15	23	19	0	57	7	526	10	0	543	16	18	6	0	40	1136
04:00 PM	3	98	5	0	106	3	8	3	0	14	1	146	3	0	150	2	6	1	0	9	279
04:15 PM	2	123	10	0	135	6	10	6	0	22	5	169	2	0	176	1	4	1	0	6	339
04:30 PM	4	100	14	0	118	6	13	4	0	23	1	170	9	0	180	1	8	1	0	10	331
04:45 PM	3	114	10	0	127	6	9	4	0	19	5	168	5	0	178	1	7	2	0	10	334
Total	12	435	39	0	486	21	40	17	0	78	12	653	19	0	684	5	25	5	0	35	1283
05:00 PM	2	125	11	0	138	6	10	7	0	23	1	175	6	0	182	4	5	1	0	10	353
05:15 PM	4	163	9	0	176	5	11	4	0	20	3	176	10	0	189	2	6	4	0	12	397
05:30 PM	2	123	7	0	132	4	11	3	0	18	3	161	8	0	172	1	10	5	0	16	338
05:45 PM	2	158	9	0	169	1	8	2	0	11	1	123	3	0	127	1	5	2	0	8	315
Total	10	569	36	0	615	16	40	16	0	72	8	635	27	0	670	8	26	12	0	46	1403
Grand Total	78	4408	258	0	4744	118	245	134	0	497	40	4061	129	0	4230	99	142	51	0	292	9763
Apprch %	1.6	92.9	5.4	0		23.7	49.3	27	0		0.9	96	3	0		33.9	48.6	17.5	0		
Total %	0.8	45.2	2.6	0	48.6	1.2	2.5	1.4	0	5.1	0.4	41.6	1.3	0	43.3	1	1.5	0.5	0	3	
Auto	78	4349									4004										
% Auto	100	98.7	99.2	0	98.7	98.3	99.2	100	0	99.2	100	98.6	98.4	0	98.6	100	99.3	100	0	99.7	98.7
Truck	0	59	2	0	61	2	2	0	0	4	0	57	2	0	59	0	1	0	0	1	125
% Truck	0	1.3	0.8	0	1.3	1.7	0.8	0	0	0.8	0	1.4	1.6	0	1.4	0	0.7	0	0	0.3	1.3

Metric Engineering, Inc.

615 Crescent Executive Court

Suite 524

Lake Mary, FL 32746

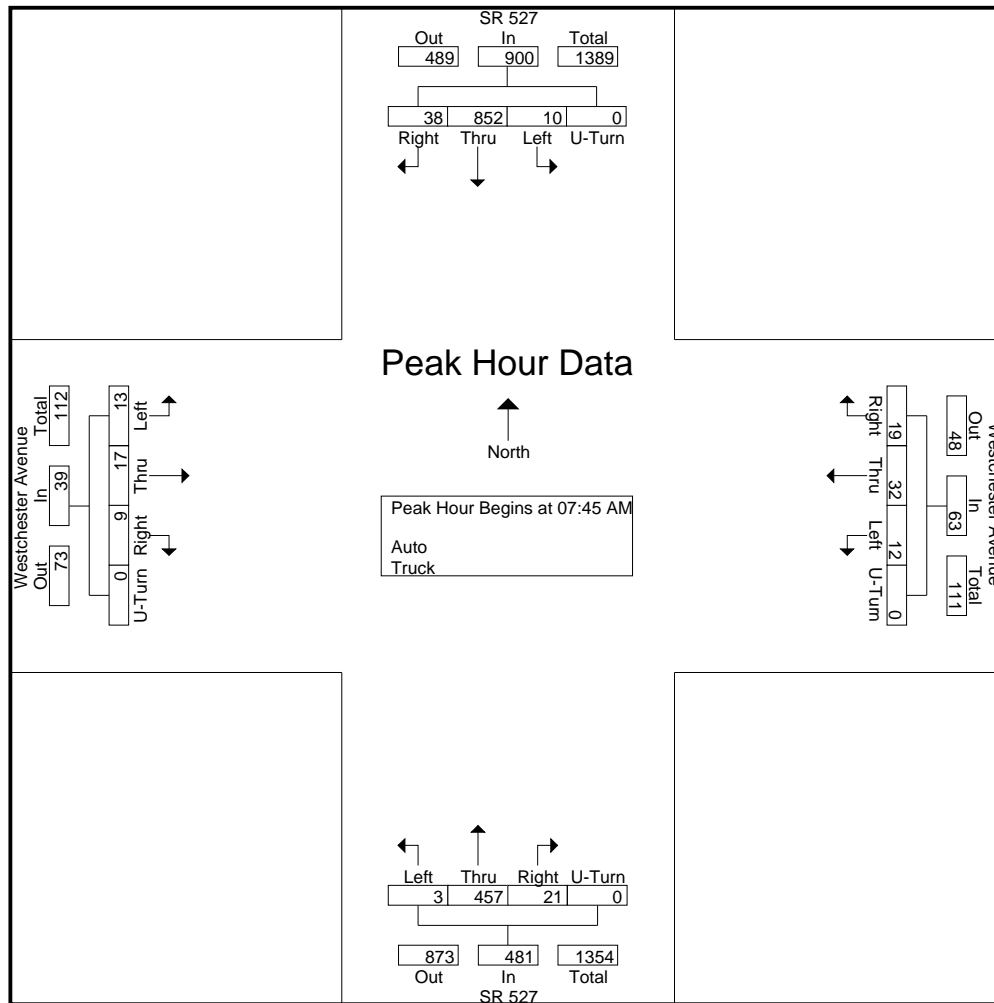
File Name : SR 527 @ Westchester Avenue

Site Code : 00000000

Start Date : 1/29/2018

Page No : 3

	SR 527 Southbound					Westchester Avenue Westbound					SR 527 Northbound					Westchester Avenue Eastbound					
Start Time	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45 AM																					
07:45 AM	3	210	5	0	218	0	8	7	0	15	2	110	8	0	120	4	6	0	0	10	363
08:00 AM	2	230	15	0	247	5	9	5	0	19	0	107	0	0	107	5	5	0	0	10	383
08:15 AM	3	202	8	0	213	3	5	4	0	12	0	126	9	0	135	3	2	2	0	7	367
08:30 AM	2	210	10	0	222	4	10	3	0	17	1	114	4	0	119	1	4	7	0	12	370
Total Volume	10	852	38	0	900	12	32	19	0	63	3	457	21	0	481	13	17	9	0	39	1483
% App. Total	1.1	94.7	4.2	0		19	50.8	30.2	0		0.6	95	4.4	0		33.3	43.6	23.1	0		
PHF	.833	.926	.633	.000	.911	.600	.800	.679	.000	.829	.375	.907	.583	.000	.891	.650	.708	.321	.000	.813	.968



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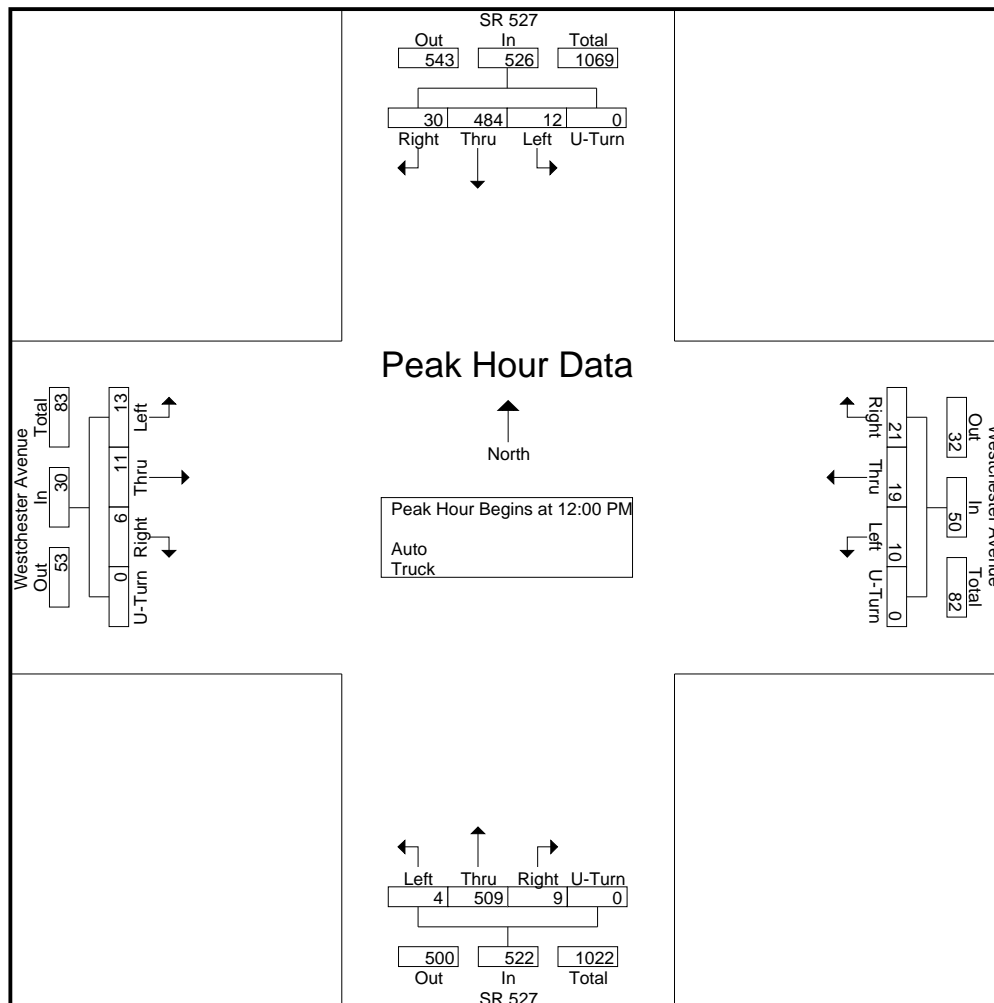
File Name : SR 527 @ Westchester Avenue

Site Code : 00000000

Start Date : 1/29/2018

Page No : 4

	SR 527 Southbound					Westchester Avenue Westbound					SR 527 Northbound					Westchester Avenue Eastbound					
Start Time	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Int. Total
Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	2	114	4	0	120	2	6	4	0	12	0	120	3	0	123	3	1	2	0	6	261
12:15 PM	3	100	13	0	116	3	7	4	0	14	2	133	2	0	137	3	3	0	0	6	273
12:30 PM	2	121	10	0	133	1	2	6	0	9	0	132	1	0	133	2	2	2	0	6	281
12:45 PM	5	149	3	0	157	4	4	7	0	15	2	124	3	0	129	5	5	2	0	12	313
Total Volume	12	484	30	0	526	10	19	21	0	50	4	509	9	0	522	13	11	6	0	30	1128
% App. Total	2.3	92	5.7	0		20	38	42	0		0.8	97.5	1.7	0		43.3	36.7	20	0		
PHF	.600	.812	.577	.000	.838	.625	.679	.750	.000	.833	.500	.957	.750	.000	.953	.650	.550	.750	.000	.625	.901



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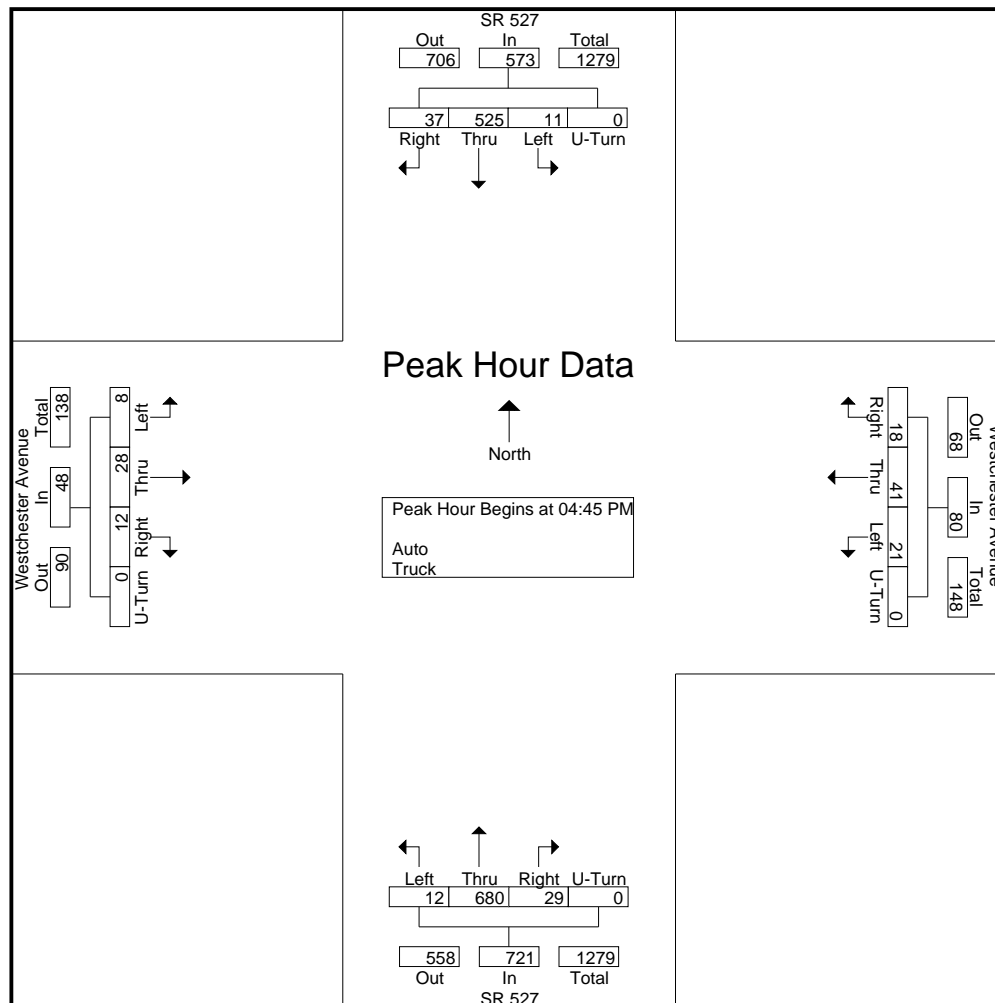
File Name : SR 527 @ Westchester Avenue

Site Code : 00000000

Start Date : 1/29/2018

Page No : 5

	SR 527 Southbound					Westchester Avenue Westbound					SR 527 Northbound					Westchester Avenue Eastbound					
Start Time	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	3	114	10	0	127	6	9	4	0	19	5	168	5	0	178	1	7	2	0	10	334
05:00 PM	2	125	11	0	138	6	10	7	0	23	1	175	6	0	182	4	5	1	0	10	353
05:15 PM	4	163	9	0	176	5	11	4	0	20	3	176	10	0	189	2	6	4	0	12	397
05:30 PM	2	123	7	0	132	4	11	3	0	18	3	161	8	0	172	1	10	5	0	16	338
Total Volume	11	525	37	0	573	21	41	18	0	80	12	680	29	0	721	8	28	12	0	48	1422
% App. Total	1.9	91.6	6.5	0		26.2	51.2	22.5	0		1.7	94.3	4	0		16.7	58.3	25	0		
PHF	.688	.805	.841	.000	.814	.875	.932	.643	.000	.870	.600	.966	.725	.000	.954	.500	.700	.600	.000	.750	.895



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Suite 524

Lake Mary, FL 32746

File Name : SR 527 @ Westchester Avenue

Site Code : 00000000

Start Date : 1/29/2018

Page No : 1

Location:

SR 527 @ Westchester Avenue

Groups Printed- Truck

Start Time	SR 527 Southbound					Westchester Avenue Westbound					SR 527 Northbound					Westchester Avenue Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
07:00 AM	0	3	2	0	5	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	9
07:15 AM	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	7
07:30 AM	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	6
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
Total	0	9	2	0	11	0	0	0	0	0	0	14	0	0	14	0	0	0	0	0	25
08:00 AM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	5
08:15 AM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
08:30 AM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	3
08:45 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Total	0	6	0	0	6	0	1	0	0	1	0	6	0	0	6	0	1	0	0	1	14
11:00 AM	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	6
11:15 AM	0	6	0	0	6	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	10
11:30 AM	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3
11:45 AM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	4
Total	0	12	0	0	12	0	1	0	0	1	0	9	1	0	10	0	0	0	0	0	23
12:00 PM	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	6
12:15 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
12:30 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
12:45 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
Total	0	5	0	0	5	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	15
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02:15 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
02:30 PM	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	5
02:45 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4
Total	0	10	0	0	10	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	15
03:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
03:15 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
03:30 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
03:45 PM	0	3	0	0	3	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	6
Total	0	6	0	0	6	1	0	0	0	1	0	6	0	0	6	0	0	0	0	0	13
04:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
04:15 PM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	5
04:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
04:45 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
Total	0	7	0	0	7	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	12
05:00 PM	0	0	0	0	0	1	0	0	0	1	0	1	1	0	2	0	0	0	0	0	3
05:15 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
05:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	4	0	0	4	1	0	0	0	1	0	2	1	0	3	0	0	0	0	0	8
Grand Total	0	59	2	0	61	2	2	0	0	4	0	57	2	0	59	0	1	0	0	1	125
Apprch %	0	96.7	3.3	0		50	50	0	0		0	96.6	3.4	0		0	100	0	0		
Total %	0	47.2	1.6	0	48.8	1.6	1.6	0	0	3.2	0	45.6	1.6	0	47.2	0	0.8	0	0	0.8	



city commission **agenda item**

item type	Consent Agenda	meeting date	9/24/2018
prepared by	City Clerk	approved by	N/A
board approval	final vote		
strategic objective			

subject

Approve the Commission minutes of September 10, 2018.

motion / recommendation

background

alternatives / other considerations

fiscal impact

ATTACHMENTS:

Description

Minutes

Upload Date

9/13/2018

Type

Cover Memo

**REGULAR MEETING OF THE CITY COMMISSION
SEPTEMBER 10, 2018**

Mayor Steve Leary called the meeting of the Winter Park City Commission to order at 3:30 p.m. in the Commission Chambers, 401 Park Avenue South, Winter Park, Florida. The invocation was provided by Mike Davis. Winter Park Missionary Fellowship of Christian Athletes of Central Florida, followed by the Pledge of Allegiance.

Members present:

Mayor Steve Leary
Commissioner Greg Seidel
Commissioner Sarah Sprinkel
Commissioner Carolyn Cooper
Commissioner Pete Weldon

Also Present:

City Manager Randy Knight
City Attorney Kurt Ardaman
City Clerk Cynthia Bonham

Approval of agenda

Motion made by Commissioner Sprinkel to approve the agenda; seconded by Commissioner Seidel and carried with a 5-0 vote.

Mayor's Report

Mayor Leary announced that Cynthia Strollo, who served on City boards, passed away.

a. Introduction of school principals

Joie Cadle, Orange County Public Schools, introduced new principals as follows: Matt Arnold, WPHS; Dr. Paul Wilhite, 9th Grade Center; Jason Fritz, Brookshire Elementary; and Karl Fox, Lakemont Elementary. She introduced her replacement upon retirement of Angie Gallo. Dr. Chris Camacho, Glenridge Middle could not be present. Mayor Leary thanked Ms. Cadle for her time and dedication over the years with OCPS.

City Manager's Report

b. Confirmation of Planning and Community Development Director

City Manager Knight presented Mr. Bronce Stephenson's credentials and recommendation as the new Planning and Community Development Director.

Motion made by Commissioner Sprinkel to approve the appointment, seconded by Commissioner Weldon, and carried unanimously with a 5-0 vote.

City Attorney's Report

Attorney Ardaman provided an update on the status of the buoys in the lakes. He explained about regulatory and informational buoys and the current plan to handle this. He explained the necessity of an ordinance to show where regulatory ones can go where there are hazardous conditions. After discussion, staff will prepare a draft map outlining the areas of concern where they will go to include the specifications, before any taking any action to install them.

Non-Action Items

a. Historical Association Annual Presentation

Winter Park History Museum Executive Director Susan Skolfield provided their annual presentation as to attendance, being the custodian of the City's Archives, and presenting the City's history with engaging exhibitions. She summarized their speaker events, geographic visitor profile, Be My Neighbor Day, and the Penelope Princess of the Peacocks free children's show every Monday. She thanked the Commission for their support.

Consent Agenda

- a. Approve the August 27, 2018 Commission minutes.
- b. Approve the following contract items and authorize the Mayor to execute:
 1. Lewis Outdoor Solutions - Amendment to IFB-7-2017 to include landscape maintenance at additional City locations; \$151,263
 2. DRMP, Inc. - RFQ-20-2018 - Continuing Contract for Professional Survey Consulting Services; As-needed basis **PULLED FROM CONSENT AGENDA BY COMMISSIONER SEIDEL. SEE BELOW.**
 3. High Performance Sports Management, Inc. - RFP-17-2018 - Tennis Programming & Instructional Services; Structured revenue return program

Motion made by Commissioner Sprinkel to approve all items on the Consent Agenda, except item b.2.; seconded by Commissioner Weldon and carried unanimously with a 5-0 vote. There were no public comments made.

Consent Agenda item b.2.

Commissioner Seidel pulled this item because of a conflict of interest.

Motion made by Commissioner Sprinkel to approve Consent Agenda item b.2., seconded by Commissioner Weldon and carried with a 4-0 vote with Commissioner Seidel abstaining from voting due to a conflict of interest.

Action Items Requiring Discussion

- a. Discussion of Comprehensive Plan policies including items/actions that are prohibited

Mayor Leary stated this topic is on the agenda because he became aware when the subdivision was proposed on Lake Killarney that certain areas in the City are prohibited from asking for a subdivision or lot split unless those applicants go through a citywide notice for a comprehensive plan amendment that is costly. He believed this was unfair. He thanked staff for the inclusive list of 27 "prohibits" but just wanted to focus on those policies listed as #4, #23 and #24.

Planning Manager Jeff Briggs explained the history as it relates to these three policy areas regarding lakefront estates and the two neighborhoods of Orwin Manor and the North Park neighborhood. He also discussed the notice requirements for a citywide notice at a cost of \$6,000.

Mayor Leary suggested removing the prohibited language from the comprehensive plan from #4, #23 and #24 as listed in the packet. Commissioner Seidel expressed concerns with #4 (lakefront lots) without stipulating that the minimum lot size should be no less than one acre in size.

Commissioner Cooper expressed the importance of having these policies but said that she is comfortable giving the Commission the authority to waive the fees for homesteaded properties. She was against changing the comprehensive plan. She did not receive support to waive the fees.

Commissioner Weldon stated he was not ready to move forward today but wanted more information as to how many lots are at stake in Orwin Manor and North Park and what are the ramifications of removing these policies.

Commissioner Seidel did not want to change what the citizens years ago asked for with the prohibited language in certain neighborhoods. Commissioner Sprinkel commented that the areas chosen to have prohibitions placed on them was not right and should not have happened, in creating two different processes and costs.

Mayor Leary stated he wanted to look at #4, #23 and #24 with the prohibited language removed.

After further discussion, the action taken was to ask staff to provide information as to the impact of the number of properties affected by a change to these three policies before moving forward with any other action.

Public Hearings:

a. Fee Schedule effective October 1, 2018

Commissioners asked questions of information contained in the fee schedule that staff answered and clarified.

Motion made by Commissioner Weldon to approve the fee schedule; seconded by Commissioner Sprinkel. There were no public comments made. **Upon a roll call vote, Mayor Leary and Commissioners Seidel, Sprinkel, Cooper and Weldon voted yes. The motion carried unanimously with a 5-0 vote.**

City Commission Reports:

Commissioner Seidel – Reported that his Coffee Talk is this Thursday. He mentioned the report submitted to them on possible traffic calming measures for Orwin Manor/Orange Avenue to discuss the next steps. Commissioner Sprinkel spoke about other areas in the City where people are also frustrated with traffic and that all of the community should be considered. Public Works Director Troy Attaway updated the Commission that they received the final DOT report and there were recommendations. They also received a report from the neighborhood who presented their desires but there were desires in their report in conflict with DOT. Staff will provide a presentation at the next meeting with DOT's recommendations and thoughts of the neighbors and staff's judgment.

Addressed the emails received regarding the comprehensive plan for corridors and wants to make sure they identify the greenspace corridors and work in conjunction with the other corridors so they do not lose the emphasis of the greenspace plan they discussed. He spoke about the identification of about 10 greenspace concepts and asked if they should narrow them down and emphasize a fewer number. It was decided that this will be a task for the new Planning Director.

Commissioner Sprinkel – Spoke about transportation issues and how it impacts the greenspace and water and lakes, etc. to make sure they keep the big picture.

Commissioner Cooper – Asked that the Commission agree to impose a commercial impact (usage) fee, impose an impact fee for commercial developments for increasing and maintaining our parks, and impose a transportation impact fee for commercial development to help the City deal with our transportation issues. There was not a consensus for any of these at this time but is something the new Planning Director could investigate.

Commissioner Cooper asked if the Commission would like a presentation from the League of Women Voters explaining the proposed Charter amendments to make the

public aware. There was no consensus for a presentation but that the Commission would welcome any information and direct the public to their website.

Commissioner Weldon – Stated that he met with the DePugh Nursing Center people to learn more about their operation where he was reminded about the idea of taxpayers funding non-profits in the City. He stated they support the non-profits in the City that are positive to our residents but do nothing to help them with communicating with the public as to what they are about. He suggested the quarterly newsletter promote one each time. There was a consensus that staff provide a list of all the 501(c)(3)'s with a link to their 990 forms for further discussion.

Mayor Leary – No report.

Public comments (items not on the agenda):

Sally Flynn, 1400 Highland Road, spoke about the residents wanting the 'prohibited' language as presented and discussed earlier. She stated there needs to be more conversations with the citizens.

Martha Bryant Hall, 331 W. Lyman Avenue, addressed her concerns with her historical home regarding issues with the windows.

Mary Daniels, 650 Canton Avenue, asked for clarification regarding the 'prohibited language' issue previously discussed. Mayor Leary clarified the direction given to staff. She spoke about the confusion with her and residents and the need for more information. She spoke about staff addressing there are 27 properties that could be affected but only three were discussed. Mayor Leary explained the three discussed were the only ones brought forward with concerns but that all the other ones will remain as they are unless a Commissioner brings specific other ones up for discussion which they have not.

MILLAGE AND BUDGET PUBLIC HEARINGS

ORDINANCE NO. 3123-18: AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA ADOPTING A 4.0923 MILL AD VALOREM TAX LEVY UPON ALL REAL AND PERSONAL PROPERTY FOR APPROPRIATION TO THE GENERAL OPERATING EXPENSES OF THE CITY, A 0.1478 MILL VOTED DEBT SERVICE LEVY UPON ALL REAL AND PERSONAL PROPERTY FOR APPROPRIATION TO THE CITY OF WINTER PARK, FLORIDA GENERAL OBLIGATION BONDS, SERIES 2011, AND A 0.3271 MILL VOTED DEBT SERVICE LEVY UPON ALL REAL AND PERSONAL PROPERTY FOR APPROPRIATION TO THE CITY OF WINTER PARK, FLORIDA GENERAL OBLIGATION BONDS, SERIES 2017 Second Reading

ORDINANCE NO. 3124-18: AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA ADOPTING THE ANNUAL BUDGET FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2018 AND ENDING SEPTEMBER 30, 2019 AND ACCOMPANYING

FIVE YEAR CAPITAL IMPROVEMENT PLAN; APPROPRIATING FUNDS FOR THE GENERAL FUND, DESIGNATIONS TRUST FUND, STORMWATER UTILITY FUND, COMMUNITY REDEVELOPMENT FUND, FEDERAL FORFEITURE FUND, POLICE GRANT FUND, DEBT SERVICE FUND, WATER AND SEWER FUND, ELECTRIC UTILITY FUND, FLEET MAINTENANCE FUND, EQUIPMENT REPLACEMENT FUND, EMPLOYEE INSURANCE FUND, GENERAL INSURANCE FUND, CEMETERY TRUST FUND, GENERAL CAPITAL PROJECTS FUND AND STORMWATER CAPITAL PROJECTS FUND; PROVIDING FOR MODIFICATIONS; PROVIDING FOR AMENDMENTS TO SAID ANNUAL BUDGET TO CARRY FORWARD THE FUNDING OF PURCHASE ORDERS OUTSTANDING AND UNSPENT PROJECT BUDGETS AS OF SEPTEMBER 30, 2018; AND AUTHORIZING TRANSFER OF FUNDS HEREIN APPROPRIATED BETWEEN DEPARTMENTS SO LONG AS THE TOTAL FUND APPROPRIATIONS SHALL NOT BE INCREASED THEREBY Second Reading

This was a simultaneous public hearing. Attorney Ardaman read both ordinances by title. The Mayor made the opening statement as follows: "The millage rate needed for Fiscal Year 2019 to generate the same property tax revenue for the City as in 2018, based on the Property Appraiser's certification, is 3.8456 mills.

The budget proposed by the staff with amendments generally agreed to by the City Commission requires a millage of 4.0923 mills which has been the rate levied by the city for the last ten years. The proposed millage of 4.0923 mills would represent an increase in property taxes, not counting new construction and the City's dedicated increment value payment to the Community Redevelopment Agency, of 6.42%. This increase in property taxes levied over the prior year is not due to any change in tax rate but is due to the increase in assessed values of properties.

In addition, a 0.1478 mill voted debt service is levied to cover the debt service of the General Obligation Bonds, Series 2011 approved by the citizens of Winter Park at the May 16, 2000 bond referendum. As well as a 0.3271 mill voted debt service levied to cover the debt service of the General Obligation Bonds, Series 2017 approved by the citizens of Winter Park at the March 15, 2016 bond referendum."

City Manager Knight addressed the two changes made to the budget from the work session: \$10,000 to the Blue Bamboo and \$33,000 to Mead Botanical Garden, Inc. for new flooring that comes out of contingency.

The following spoke in favor of the funding for the Blue Bamboo: Chris Cortez, Blue Bamboo Center for the Arts; and Jeff Flowers, Blue Bamboo.

Motion made by Commissioner Weldon that we reduce the millage rate to 4.0000 in reflection of the \$6 million in increased tax revenue the City has received over the past several years. The success we have had at rebuilding our reserves, the prospect for realizing our full 30% Reserve goal in the next year or two or several years based upon the properties that are available - the property on Lee Road that is available for sale, and the prospects for some

changes on the Progress Point circumstances that will likely result in some revenue to the City. Motion failed for lack of a second.

Mayor Leary announced the following: "The City Commission of the City of Winter Park is going to adopt an operating millage of 4.0923 which represents a property tax levy that is 6.42% higher than the rolled-back rate of 3.8456 mills due to increases in assessed values."

Upon a roll call vote on the millage ordinance on first reading, Mayor Leary and Commissioners Seidel, Sprinkel and Cooper voted yes. Commissioner Weldon voted no. The motion carried with a 4-1 vote.

Upon a roll call vote on the budget ordinance on first reading, Mayor Leary and Commissioners Seidel, Sprinkel, Cooper and Weldon voted yes. The motion carried unanimously with a 5-0 vote.

The meeting adjourned at 5:35 p.m.

Mayor Steve Leary

ATTEST:

City Clerk Cynthia S. Bonham, MMC



city commission agenda item

item type	Consent Agenda	meeting date	9/24/2018
prepared by	Purchasing	approved by	
board approval	final vote		
strategic objective	Fiscal Stewardship		

subject

Approve the following purchase:

1. CDW Government, LLC - Replacement of Cisco network switches; \$94,453.70

motion / recommendation

Commission approve item as presented.

background

The City is utilizing an existing piggyback of NJPA contract #100614 in order to make this purchase.

alternatives / other considerations

N/A

fiscal impact

Total expenditure included in approved budget.

ATTACHMENTS:

Description

Purchases \$75k+

Upload Date

9/14/2018

Type

Cover Memo



city commission agenda item

item type	Purchases over \$75,000	meeting date	September 24, 2018
prepared by department division	Procurement Division	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		

Purchases over \$75,000

	vendor	item background	fiscal impact	motion recommendation
1.	CDW Government, LLC	Replacement of Cisco network switches	Total expenditure included in approved budget. Amount: \$94,453.70	Commission approve the purchase.

The City is utilizing an existing piggyback of NJPA contract #100614 in order to make this purchase.



city commission agenda item

item type	Consent Agenda	meeting date	9/24/2018
prepared by	Purchasing	approved by	
board approval	final vote		
strategic objective	Fiscal Stewardship		

subject

Approve the following formal solicitations and the respective motions:

1. Graef-USA, Inc. - RFQ-19-2018 - Continuing Contract for Professional Structural Engineering Consulting Services; Authorize staff to enter into negotiations
2. PFM Financial Advisors, LLC - RFP-25-2018 - Financial Advisory Services; As-needed basis
3. All-Rite Fence Services, Inc. - IFB-28-2018 - Fencing Installation & Services; Not to exceed \$155,000

motion / recommendation

Commission approve items as presented.

background

Formal solicitations were issued make these awards.

alternatives / other considerations

N/A

fiscal impact

Total expenditures included in approved budget.

ATTACHMENTS:

Description

Formal Solicitations

Upload Date

9/14/2018

Type

Cover Memo



city commission agenda item

item type	Formal Solicitations	meeting date	September 24, 2018
prepared by department division	Procurement Division	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		

Formal Solicitations

	vendor	item background	fiscal impact	motion recommendation
1.	Graef-USA, Inc.	RFQ-19-2018 – Continuing Contract for Professional Structural Engineering Consulting Services	Total expenditure to be determined.	Commission approve the award and authorize staff to enter into negotiations.
2.	PFM Financial Advisors, LLC	RFP-25-2018 – Financial Advisory Services	Total expenditure included in approved budget. As-needed basis	Commission approve the award and authorize the Mayor to execute the contract.
3.	All-Rite Fence Services, Inc.	IFB-28-2018 – Fencing Installation & Services	Total expenditure included in approved budget. Not to exceed \$155,000	Commission approve the award and authorize the Mayor to execute the contract.



city commission agenda item

item type	Consent Agenda	meeting date	9/24/2018
prepared by	Purchasing	approved by	
board approval	final vote		
strategic objective	Fiscal Stewardship		

subject

Approve the following piggyback agreements:

1. Odyssey Manufacturing Co. - Renewal of existing piggyback of City of Daytona Beach ITB #0115-1900 for the provision of sodium hypochlorite; Not to exceed \$152,000
2. Helena Agri Enterprises, LLC - Renewal of existing piggyback of South Florida Water Management District RFB #6000000829 for the provision of herbicides and related adjuvants; Not to exceed \$100,000
3. Dana Safety Supply, Inc. - Piggyback of City of Tampa contract #2-18 for the provision of lightbars and accessories with installation; Not to exceed \$85,000

motion / recommendation

Commission approve items as presented.

background

Formal solicitations were issued to award the originating contracts.

alternatives / other considerations

N/A

fiscal impact

Total expenditures included in approved budget.

ATTACHMENTS:

Description	Upload Date	Type
Piggyback Agreements	9/14/2018	Cover Memo



city commission agenda item

item type	Piggyback Agreements	meeting date	September 24, 2018
prepared by department division	Procurement Division	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	

Piggyback Contracts

	vendor	item background	fiscal impact	motion recommendation
1.	Odyssey Manufacturing Co.	Renewal of existing piggyback of City of Daytona Beach ITB #0115-1900 for the provision of sodium hypochlorite	Total expenditure included in approved budget. Not to exceed \$152,000	Commission approve the renewal and authorize the Mayor to execute.
A formal solicitation was issued by the City of Daytona Beach to award this contract.				
2.	Helena Agri Enterprises, LLC	Renewal of existing piggyback of South Florida Water Management District RFB #6000000829 for the provision of herbicides and related adjuvants	Total expenditure included in approved budget. Not to exceed \$100,000	Commission approve the renewal and authorize the Mayor to execute.
A formal solicitation was issued by the South Florida Water Management District to award this contract.				
3.	Dana Safety Supply, Inc.	Piggyback of City of Tampa contract #2-18 for the provision of lightbars and accessories with installation	Total expenditure included in approved budget. Not to exceed \$85,000	Commission approve the piggyback and authorize the Mayor to execute.
A formal solicitation was issued by the City of Tampa to award this contract.				



city commission agenda item

item type	Consent Agenda	meeting date	9/24/2018
prepared by	Purchasing	approved by	
board approval	final vote		
strategic objective	Fiscal Stewardship		

subject

Approve the following contract items and the respective motions:

1. POWER Engineers, Inc. - RFQ-18-2018 - Professional Engineering Services to Design Underground Conversion of Power Lines; As-needed basis
2. AGH Management, LLC - Renewal of IFB-12-2017 - Athletic Field Maintenance for MLK Fields; Not to exceed \$80,000
3. HDD of Florida, LLC - Increase of FY18 spending on IFB-8-2014 - Underground Utility Services - to account for services performed on major projects outside of the citywide undergrounding initiative; Not to exceed \$425,000
4. Heart Utilities of Jacksonville, Inc. - Increase of FY18 spending on IFB-8-2014 - Underground Utility Services - to account for services performed on major projects outside of the citywide undergrounding initiative; Not to exceed \$450,000
5. Aetna - FY19 renewal of RFP-6-2007 - Medical Insurance; Stop Loss Premium (\$783,817) & Plan Administration (\$192,401)
6. MetLife - FY19 renewal of RFP-18-2008 - Group PPO Dental Benefits; \$366,000
7. Cigna Group Insurance - FY19 renewal of RFP-19-2008 - Group Term Life, AD&D, Voluntary Term Life for Employee, Spouse & Children, Long-Term Disability, and Voluntary Short-Term Disability; \$149,500
8. Duke Energy - Change order #1 to increase the allowable spend under the joint participation agreement for the Fairbanks Corridor Electrical Undergrounding Project; \$977,594.80

motion / recommendation

Commission approve items as presented.

background

Formal solicitations were issued to award these contracts.

alternatives / other considerations

N/A

fiscal impact

Total expenditures included in approved budget.

ATTACHMENTS:

Description

Contracts

Upload Date

9/18/2018

Type

Cover Memo



city commission agenda item

item type	Contracts	meeting date	September 24, 2018
prepared by department division	Procurement Division	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	

Contracts

	vendor	item background	fiscal impact	motion recommendation
1.	POWER Engineers, Inc.	RFQ-18-2018 – Professional Engineering Services to Design Underground Conversion of Power Lines	Total expenditure included in approved budget. Amount: As-needed basis	Commission approve the contract award and authorize the Mayor to execute.
Staff entered into negotiations with POWER Engineers following Commission approval on 8/13/2018.				
2.	AGH Management, LLC	Renewal of IFB-12-2017 – Athletic Field Maintenance for MLK Fields	Total expenditure included in approved budget. Not to exceed \$80,000	Commission approve the renewal and authorize the Mayor to execute.
3.	HDD of Florida, LLC	Increase of FY18 spending on IFB-8-2014 – Underground Utility Services – to account for services performed on major projects outside of the citywide undergrounding initiative	Total expenditure included in approved budget. Not to exceed \$425,000	Commission approve the increase.
4.	Heart Utilities of Jacksonville, Inc.	Increase of FY18 spending on IFB-8-2014 – Underground Utility Services – to account for services performed on major projects outside of the citywide undergrounding initiative	Total expenditure included in approved budget. Not to exceed \$450,000	Commission approve the increase.
5.	Aetna	FY19 renewal of RFP-6-2007 – Medical Insurance	Total expenditure included in approved budget. Amount: \$976,218	Commission approve the renewal and authorize the Mayor to execute.
This contract is for the 3 rd party administration of the City's health insurance program. \$783,817 (stop-loss premium); \$192,401 (administrative services).				
6.	MetLife	FY19 renewal of RFP-18-2008 – Group PPO Dental Benefits	Total expenditure included in approved budget. Amount: \$366,000	Commission approve the renewal and authorize the Mayor to execute.
7.	Cigna Group Insurance	FY19 renewal of RFP-19-2008 – Group Term Life, AD&D, Voluntary Term Life for Employee, Spouse & Children, Long-Term Disability, and Voluntary Short-Term Disability	Total expenditure included in approved budget. Amount: \$149,500	Commission approve the renewal and authorize the Mayor to execute.

8.	Duke Energy	Change order #1 to increase the allowable spend under the joint participation agreement for the Fairbanks Corridor Electrical Underground Project.	Total expenditure included in the approved budget. Amount: \$977,594.80	Commission approve the change order.
Change order required due to modifications to the microtunnel design, trench restoration details, and MOT design.				



city commission agenda item

item type	Consent Agenda	meeting date	9/24/2018
prepared by	Budget and Performance Measurement	approved by	City Manager
board approval	N/A final vote		
strategic objective	Fiscal Stewardship		

subject

Approve FY18 budget amendments

motion / recommendation

Approve the amendments as presented for the current fiscal year (2017 - 2018).

background

The City Commission is required by Statute to approve any budget amendments that alter the total amount budgeted in any fund or when funds are transferred between different fund types. These amendments have come forward for approval:

- 1) Orange County no longer provides recycling disposal for free as the underlying cost of commodities recovered from recycling does not cover their disposal cost. This was noted by Waste Pro during the solicitation process as a potential future change and this amendment now accounts for that. (\$99,000)
- 2) The solid waste contract is estimated each year and an amendment is needed to complete payments for the end of fiscal 2018. All increased expenses are covered by corresponding increases in revenue. (\$200,000)
- 3) The property destroyed at 911 Park Ave., required demolition which the city paid for and was reimbursed. (\$33,638)
- 4) The City received a matching grant to connect the Cady Way Trail to the St. Andrews Trail as part of the Loch Lomond Recreational Trail Project. This \$250k project is funded by \$125k in a matching grant from the FDEP, \$55k of in-kind city services work, \$45k from the General Fund, and \$25k from the Winter Park Health Foundation. The amendment accounts for the grant as well as the city and Health Foundation contributions. (\$185,500)

These amendments, if approved by the Commission, will become part of the formal FY18 year-end close out process that will adopt all FY18 amendments by formal ordinance. The amendments requested are attached to this item as Exhibit A.

alternatives / other considerations

N/A

fiscal impact

All items presented are offset by corresponding increases in revenues.

ATTACHMENTS:

Description	Upload Date	Type
Exhibit A - FY18 Budget Amendments	9/17/2018	Cover Memo

Exhibit A

Budget Amendments Requiring Commission Approval

Fiscal Year 2017 - 2018

Item	Amount	Source Account	Source Acct. Name	Exp. Account	Exp. Acct. Name	Note	Approval Date
Recycling Costs	\$ 99,000	0010342 342501	Inspection Fee	0013109 534100	Contractual Services - Recycling	Orange County no longer provides recycling services for free, and this adjustment reflects that disposal charge.	Pending
Solid Waste Contract	\$ 200,000	0010343 343415 0010343 343417 0010343 343418 0010343 343419	Compactor Revenue Enviro Revenue Share Commercial Compactor Rev Misc. Garbage Charges	0013109 534095 0013109 534099 0013109 534096	Garbage Disposal Garbage Collection Compaction Center	General adjustment to cover annual costs of service on the Waste Pro contract. Corresponding revenues cover all expenditures.	Pending
Demo of 911 Park Ave	\$ 33,638	0010369 369901	GF Misc. Revenues	0012401 534040	Building Dept. Contractual Services	Reflects the demolition costs for 911 Park Ave, the house that burned down under construction. Demolition costs were reimbursed.	Pending
Loch Lomond Rec Trail	\$ 185,500	3010331 331491 3010369 369901 3010381 381010	Federal Grants Misc. Rev. Transfer from GF	3016101 565333	Ward/Loch Lomond Project	Rec trail connecting the Cady Way Trail and the St. Andrews Trail. Funded primarily by a matching grant from FDEP.	Pending



city commission agenda item

item type	Public Hearings	meeting date	9/24/2018
prepared by	Planning / CRA Manager Approval	approved by	City Manager, City Attorney
board approval	yes final vote		
strategic objective	Exceptional Quality of Life, Intelligent Growth and Development, Investment in Public Assets and Infrastructure		

subject

Request of the City of Winter Park:

- For conditional use approval to construct a new Winter Park Library of 34,400 square feet in size and a new city events center of 13,564 square feet on the property at 1050/1052 West Morse Boulevard

motion / recommendation

Staff recommendation is for approval of the Preliminary and Final Conditional Use request

background

This is a Conditional Use request by the City of Winter Park for the new Winter Park Public Library of approx. 34,400 square feet and the new City Events center of approx. 13,564 square feet in size. Due to the size of this project, notice has been provided via a city-wide notice to all 17,500 households in the City, as well as legal advertisement, etc. The City will establish the addresses above for each of these buildings.

Project Plans: The site plan shows the new Library and the new Events Center in the same general location as the previous Civic Center. This location also takes advantage of the adjacent lake frontage. The two buildings share a common porte-cochere structure adjacent to Morse Blvd. The buildings conform to the required 10 foot street front setback and the building heights are within the 45 feet permitted. The maximum floor area ratio for the entire block is 20% and these buildings would bring the floor area ratio of the block to 4.7%.

Parking: The Code requirement for parking is one space per 250 square feet for the events/community center and one space per 375 square feet for the Library space. These two buildings require 146 spaces per Code. The City recognizes that meeting only the minimum requirements of the Code is not sufficient. There are 90 spaces now available at the Library and 115 spaces at the Civic Center. Thus, the goal has always been to have at least those 205 spaces if not more. The site plan shows 213 parking spaces on-site. In addition, the plan includes adding 24 parallel parking

spaces along the east side of Harper Street for a total of 237 total spaces. The City is continuing to explore adding 36 more parking spaces to the south on the property where the current recreation building sits, if needed. The parking lot meets Code with respect to the landscape areas provided. There are two locations along Harper Street that exceed the 10 spaces in a row without a landscape island in order to save an existing live oak tree.

Traffic & Circulation: The entrances/exits to the buildings are similar to what exists today with access from Harper Street and Morse Blvd. The main entrance is the porte-cochere fronting on Morse Blvd. That is the pickup/drop-off location, handicapped accessible entrance and location of any emergency medical response. Generally the traffic volume from the Event Center will be similar to that previously experienced with the Civic Center. The Library will add 1,685 new trips per the estimate from the Institute of Transportation Engineers (ITE) Trip Generation rates.

Landscaping/Trees: The applicant has provided a preliminary landscape plan to show the required landscaping which will conform to Code. The project will remove most of the existing live oak trees on the site now. The Urban Forestry staff has inventoried and assessed all trees on the proposed development site. The plans designate 63 protected trees for removal.

The Urban Forestry staff has reviewed the potential for relocation of specimen and historic trees on the site. This concept is possible, but a cost of about \$18,000 - \$45,000 per tree depending on the size. Relocation of the trees are not in the budget for the project.

Storm Water Retention: This project will provide storm water retention by using the storage capacity of Lake Rose (Sinkhole). There will be an interconnect line/pipe between Lake Mendsen and Lake Rose. Storm water will flow from this project into Lake Mendsen and then flow out into Lake Rose. This interconnect should also help to some degree with the historical flooding that occurs during hurricane events along Denning Drive, as it will provide some added storage during those events. This system will meet the requirements of the St. John River Water Management District as well as City Code.

Architectural Image: Perspective elevations are included in the agenda materials depicting the look of the proposed buildings. It is a contemporary architectural style. The building height for the one-story Events Center is 31.5 feet which represents the visible height as it includes the parapet around the rooftop. If the project includes a roof-top event venue on this building a small portion of enclosed building would be needed for restrooms and food/beverage service functions. That would add 7-9 feet depending upon the design. The building height for the two-story Library is 39 feet which represents the visible height as it includes the parapet around the rooftop. Thus, both buildings are within the 45 feet of building height permitted by the zoning. All the AC/Mechanical elements are screened. The dumpsters are within a walled enclosure.

Planning and Zoning Board Minutes – September 11, 2018:

REQUEST OF CITY OF WINTER PARK FOR: CONDITIONAL USE APPROVAL TO

CONSTRUCT A NEW WINTER PARK LIBRARY OF 34,400 SQUARE FEET IN SIZE AND A NEW CITY EVENTS CENTER OF 13,564 SQUARE FEET ON THE PROPERTY AT 1050/1052 WEST MORSE BOULEVARD.

Planning Manager, Jeff Briggs presented the staff report and explained this is a Conditional Use request by the City of Winter Park for the new Winter Park Public Library of approx. 34,400 square feet and the new City Events center of approx. 13,564 square feet in size. Due to the size of this project, notice has been provided via a city-wide notice to all 17,500 households in the City, as well as legal advertisement, etc.

The site plan shows the new Library and the new Events Center in the same general location as the previous Civic Center. This location also takes advantage of the adjacent lake frontage. The two buildings share a common porte-cochere structure adjacent to Morse Blvd. The buildings conform to the required 10 foot street front setback and the building heights are within the 45 feet permitted. The maximum floor area ratio for the entire block is 20% and these buildings would bring the floor area ratio of the block to 4.7%. The building height for the one-story Events Center is 31.5 feet which represents the visible height as it includes the parapet around the rooftop. If the project includes a roof-top event venue on this building a small portion of enclosed building would be needed for restrooms and food/beverage service functions. That would add 7-9 feet depending upon the design. The building height for the two-story Library is 39 feet which represents the visible height as it includes the parapet around the rooftop. Thus, both buildings are within the 45 feet of building height permitted by the zoning. All the AC/Mechanical elements are screened. The dumpsters are within a walled enclosure.

In terms of parking the Code requirement is one space per 250 square feet for the events/community center and one space per 375 square feet for the Library space. These two buildings then require 146 spaces per Code. The City recognizes that meeting only the minimum requirements of the Code is not sufficient. There are 90 spaces now available at the Library and 115 spaces at the Civic Center. Thus, the goal has always been to have at least those 205 spaces, if not more. The site plan shows 213 parking spaces on-site. In addition, the plan contemplates adding 24 parallel spaces along the east side of Harper Street for a total of 237 spaces. The City is exploring adding 36 more parking spaces to the south on the property where the current Recreation building sits, if needed. The parking lot meets Code with respect to the landscape areas provided, however there are two locations along Harper Street that exceed the 10 spaces in a row without a landscape island because in order to save an existing live oak tree.

This project will provide storm water retention by using the storage capacity of Lake Rose (Sinkhole). There will be an interconnect line/pipe between Lake Mendsen and Lake Rose. Storm water will flow from this project into Lake Mendsen and then flow out into Lake Rose. This interconnect should also help to some degree with the historical flooding that occurs during hurricane events along Denning Drive, as it will provide some added storage during those events. This system will meet the requirements of the St. John River Water Management District as well as City Code.

The landscape plan shows the required landscaping, which conforms to Code. The

project will remove 63 protected trees including most of the existing live oak trees on the site now. The Urban Forestry staff has taken into consideration the potential for relocation of specimen and historic trees on the site. This concept is possible, but with conditions.

Staff recommendation was for approval of both the preliminary and final conditional use.

The Board acknowledged letters that had been received prior to or at the meeting. The Board members also disclosed prior conversations held with citizens regarding this project.

The Board then posed questions about the project to staff. Mr. Briggs and Troy Attaway, Public Works Director responded to questions regarding the storm water retention plans and the effect upon drainage/flooding in the area, the degree of excavation and filling of the lake, the soil borings and geotechnical report information regarding subsurface conditions and roadway and traffic conditions. Additional discussion ensued about the option of expanding the parking lot where the Recreation building exists (along Harper Street).

The Board heard public comment from Nancy Shutts, 2010 Brandywine Drive, Winter Park, FL; Forrest Michael, 358 West Comstock Avenue, Winter Park, FL; Cheryl Thompson, 464 West Canton Avenue; Sally Flynn, 1400 Highland Road, Winter Park, FL; Pat McDonald, 2348 Summerfield Road, Winter Park, FL; Beth Hall, 516 Sylvan Drive, Winter Park, FL; Jim Barnes, 1031 West Morse Boulevard, Winter Park, FL and Kim Allen, 1800 West Fawsett Road, Winter Park, FL.

Those public comments related to the bond issue, the marketing materials for the bond issue, the site soil conditions, historic flooding in the area, the adequacy of the storm water plan, the adequacy of parking, traffic congestion, impact upon Lake Rose ownerships, permitting by SJRMWD, loss of the existing live oak trees, fate of the Recreation building and croquet court, use of the Lakeside Crossing garage, and need for expanded parking on the Recreation building site (along Harper Street).

The public hearing was closed.

Mr. Hahn expressed that many questions had been raised about this project tonight and wondered if there was value to splitting this approval, as has been done for other projects into 'preliminary' and 'final' conditional use actions by the Board. City Attorney, Dan Langley answered questions regarding the process. Chairman Johnston recapped many of the issues raised by the public and separated them into matters that were not in the purview of the Board, such as validity of the bond issue, versus others like storm water and parking that were germane to their review. Ms. DeCiccio and Ms. Wanda commented that the adequacy of parking and the option for expanding the parking via a parking garage or larger surface parking lot were questions that could be explored in the time between a preliminary and final conditional use action by the Board. In further discussions, the Board consensus was that the topics of the storm water design and added parking were items that the Board would like to see again, as the project moved to final design.

Motion made by Bob Hahn, seconded by Sheila DeCiccio, for preliminary conditional use approval to construct a new Winter Park Library of 34,400 square feet in size and a new city events center of 13,564 square feet on the property at 1050/1052 West Morse Boulevard subject to the following conditions:

- 1. That the Board review and approve the final storm water retention plan once approved by the City And SJRWMD as part of the final CU, and**
- 2. That the Board encourages the City Commission to explore additional parking in the location of the existing Recreation Building site.**

The motion carried with a 4-0 vote.

alternatives / other considerations

N/A

fiscal impact

N/A

ATTACHMENTS:

Description

Backup Materials

Community Letters

Upload Date

9/11/2018

9/11/2018

Type

Backup Material

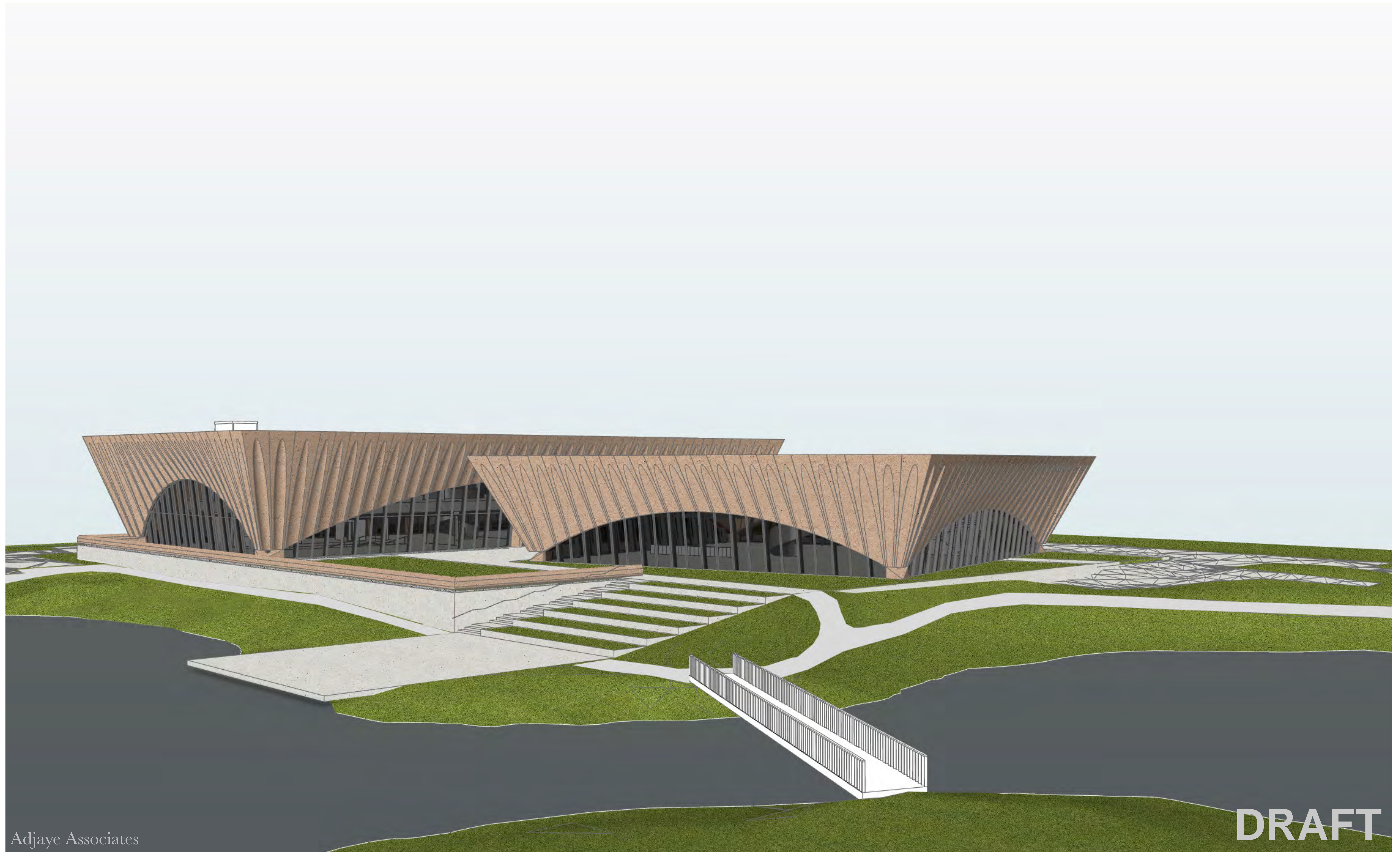
Backup Material



WINTER PARK LIBRARY • SITE PLAN CONCEPT - ALTERNATE SCHEME

PN 8116008 | 08.31.2018 | CITY OF WINTER PARK

LandDesign®



Adjaye Associates

WINTER PARK LIBRARY • SITE PERSPECTIVE CONCEPT - ALTERNATE SCHEME

PN 8116008 | 08.31.2018 | CITY OF WINTER PARK

LandDesign®

WINTER PARK LIBRARY

PUBLIC INSTITUTION DEVELOPMENT

WINTER PARK, FLORIDA

DATE: 07/06/2018

UTILITY MATRIX			
UTILITY	PROVIDER	ADDRESS	PHONE NUMBER
ELECTRIC	CITY OF WINTER PARK	401 S PARK AVE WINTER PARK, FL 32789	407.599.3220
GAS	TECO - PEOPLES GAS	600 W ROBINSON ST. ORLANDO, FL 32801	407.425.4662
WATER	CITY OF WINTER PARK	401 S PARK AVE WINTER PARK, FL 32789	407.599.3220
SEWER	CITY OF WINTER PARK	401 S PARK AVE WINTER PARK, FL 32789	407.599.3220
SOLID WASTE	WASTE PRO	1400 S ORANGE BLOSSOM TRAIL ORLANDO, FL 32806	407.774.0800

VICINITY MAP



SHEET INDEX

SHEET NUMBER	SHEET TITLE
C000	COVER
C010	OVERALL EXISTING BOUNDARY
C011	OVERALL EXISTING CONDITIONS
C110	SITE PLAN
C210	GRADING PLAN
C310	OVERALL UTILITY AND STORMWATER PLAN
L001	ABBREVIATIONS, NOTES & SYMBOLS
L011	TREE REMOVAL & PRESERVATION PLAN
L100	OVERALL KEY PLAN
L301	HARDSCAPE PLAN
L302	HARDSCAPE PLAN
L390	HARDSCAPE SCHEDULE AND REFERENCE IMAGES
L701	TREE PLANTING PLAN
L702	TREE PLANTING PLAN
L751	SHRUB PLANTING PLAN
L752	SHRUB PLANTING PLAN
L790	LANDSCAPE SCHEDULE & REFERENCE IMAGES
L791	PLANTING DETAILS
A110	PLAN - PLINTH GROUND LEVEL
A120	PLAN - PLINTH SECOND LEVEL
A201	SITE ELEVATIONS - OVERALL
A202	3D VIEWS

DEVELOPER/OWNER

CITY OF WINTER PARK
401 SOUTH PARK AVE.
WINTER PARK, FL 32789
407.599.3399

LANDSCAPE ARCHITECT

LANDDESIGN
100 SOUTH ORANGE AVE., SUITE 700
ORLANDO, FL 32801
407.270.7800

CIVIL ENGINEER

LANDDESIGN
100 S. ORANGE AVE., SUITE 700
ORLANDO, FL 32801
407.270.7800

SURVEYOR

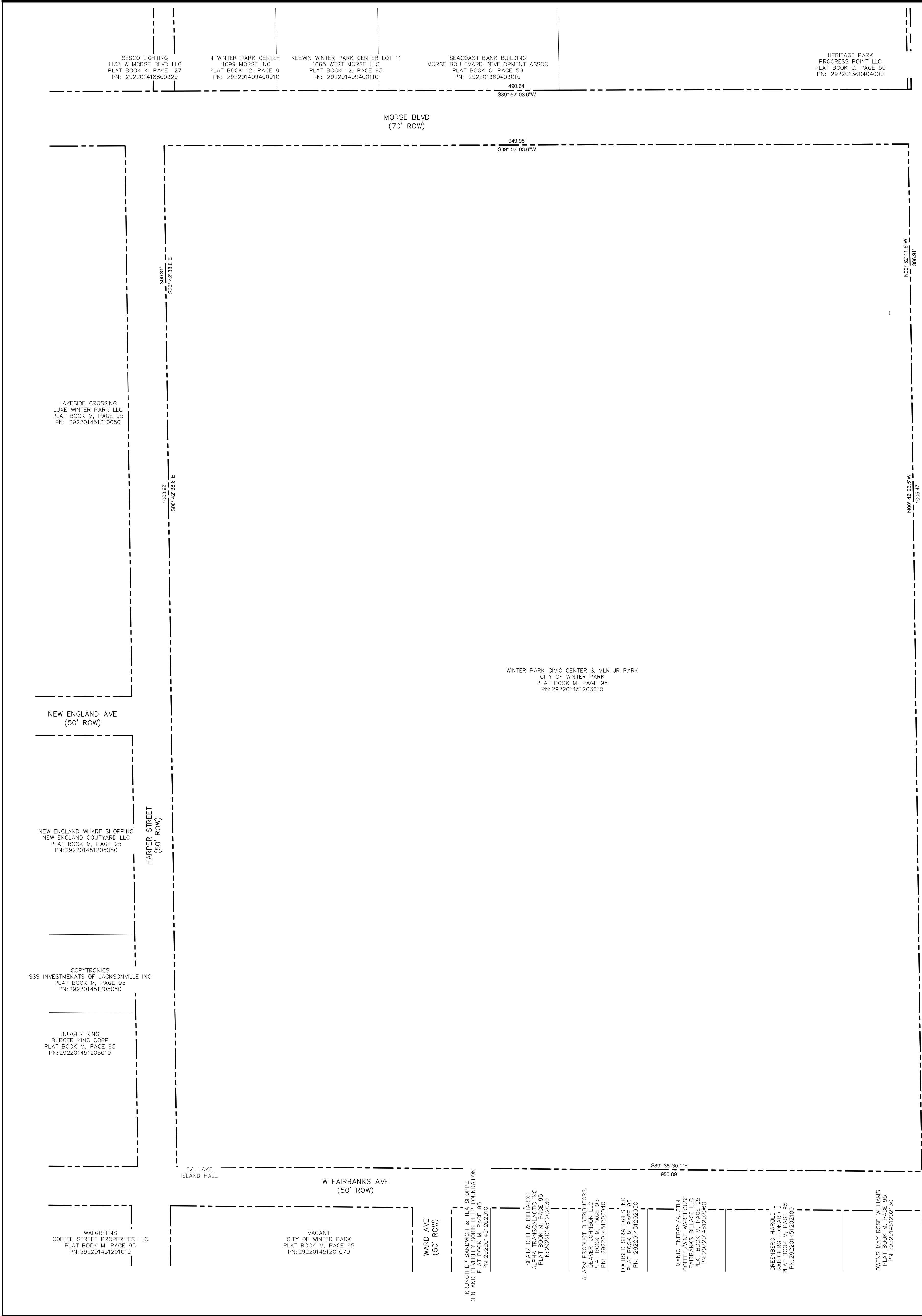
SOUTHEASTERN SURVEYING
6500 ALL AMERICAN BLVD
ORLANDO, FL 32810
407.292.8580

ARCHITECT

HUNTONBRADY
800 NORTH MAGNOLIA AVE, SUITE 600
ORLANDO, FL 32803
407.839.0886

ARCHITECT

ADJAYE ASSOCIATES
415 BROADWAY, 3RD FLOOR
NEW YORK, NY 10013
212.965.8477



LEGEND & ABBREVIATIONS:			
	= AIR CONDITIONING UNIT		= SERVICE POLE
	= BURIED ELECTRIC PEDESTAL		= MITERED END SECTION
	= BACKFLOW PREVENTER		= MONITORING WELL
	= BENCH		= DOWN GUY
	= BURIED TELEPHONE PEDESTAL		= CHAINLINK FENCE
	= CONCRETE MONUMENT		= WOOD FENCE
	= CLEAN OUT		= BURIED ELECTRIC LINE
	= DRAINAGE MANHOLE		= BURIED TELEPHONE LINE
	= ELECTRIC FIXTURE		= COMMUNICATION LINE
	= FIRE DEPARTMENT CONNECTION		= GAS LINE
	= ELECTRIC SERVICE METER		= OVERHEAD UTILITY LINE
	= FLAT GRATE INLET		= WATER LINE
	= FIRE HYDRANT		= UNKNOWN UTILITY LINE
	= WATER SPIGOT		= TREE/HEDGE LINE
	= HAND HOLE		= CORRUGATED METAL PIPE
	= IRON PIPE		= DUCTILE IRON PIPE
	= IRON ROD		= POLYVINYL CHLORIDE PIPE
	= IRRIGATION VALVE		= REINFORCED CONCRETE PIPE
	= LANDSCAPE LIGHTING		= VITRIFIED CLAY PIPE
	= LIGHT POLE		= CONCRETE
	= NAIL W/ DISC		= ELEVATION
	= UTILITY POLE		= INVERT
	= POST/BOLLARD		= FIELD
	= SANITARY MANHOLE		= PLAT
	= NON-TRAFFIC SIGN		= END OF INFORMATION
	= TRAFFIC SIGNAL HEAD		= LICENSED BUSINESS
	= TRAFFIC SIGN		= FINISH FLOOR ELEVATION
	= TRANSFORMER ON SLAB		= NORTH AMERICAN DATUM
	= UTILITY MARKER		= NORTH AMERICAN VERTICAL DATUM
	= VAULT		= TRAVERSE POINT
	= WATER METER		= SOUTHEASTERN SURVEYING & MAPPING CORPORATION
	= WATER VALVE		= SIZE SHOWN IS TRUNK DIAMETER IN INCHES MEASURED AT CHEST HEIGHT
	= CROSS CUT		= PALM
	= FLAGPOLE		= TREE
	= TELEPHONE MANHOLE		= CYPRESS
			= ELM
			= MAGNOLIA
			= MAPLE
			= MYRTLE
			= OAK
			= PINE

DESCRIPTION: (DESCRIPTION PROVIDED BY CLIENT)

A PORTION OF LAKE ISLAND ESTATES, AS RECORDED IN PLAT BOOK M, PAGE 95, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA; BEING MORE PARTICULARLY AS FOLLOWS:

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- AREA IMPROVEMENTS AND CONTOURS SHOWN HEREON WITHOUT SPOT SHOTS WERE INCORPORATED FROM INFORMATION PROVIDED BY PICKETT AND ASSOCIATES, INC. ON JULY 26, 2017, AND HAS BEEN FIELD VERIFIED BY THIS SURVEYOR.

NOTICE OF LIABILITY:
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SOUTHEASTERN SURVEYING
AND MAPPING CORPORATION
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Orlando, Florida 32810-4550
(407) 292-8560
e-mail: info@southeasternsurveying.com
Certification Number 186108

LandDesign.
100 S. ORANGE AVE., SUITE 700
ORLANDO, FL 32801
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KEY MAP

SEAL

NOT FOR
CONSTRUCTION

CITY OF WINTER PARK
LIBRARY AND EVENTS
CENTER

Hunton Brady
ARCHITECTS

Adjaye Associates

DATE	SUBMISSION	NO
07/06/18	FINAL CONDITIONAL USE APPROVAL	

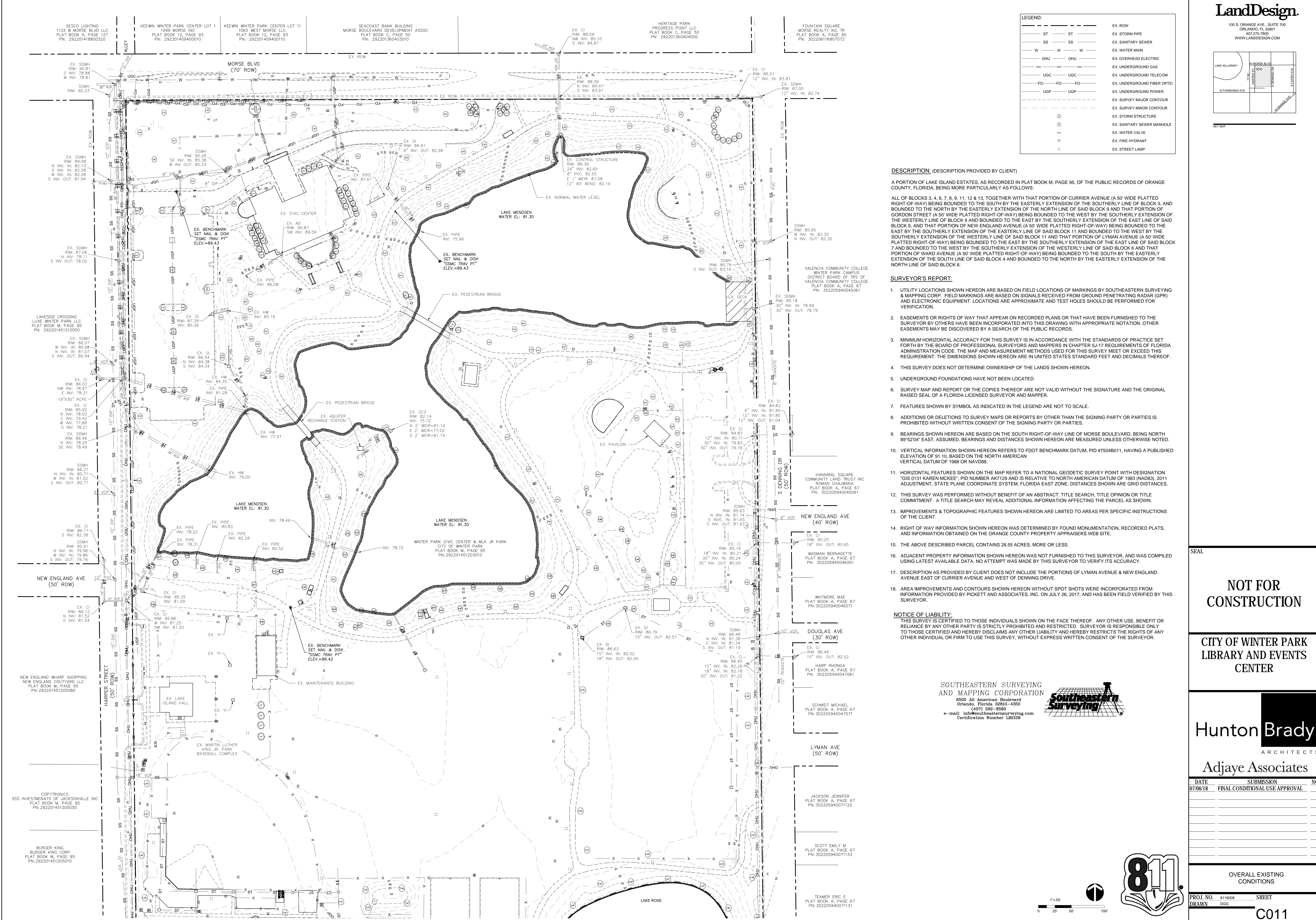
BOUNDARY PLAN

PROJ. NO.	8118008	SHEET
DRAWN	DGG	

C010

Agenda Packet Page 84

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LEGEND:

ST	ST	EX. ROW
SS	SS	EX. STORM PIPE
W	W	EX. SANITARY SEWER
OHU	OHU	EX. WATER MAIN
GAS	GAS	EX. OVERHEAD ELECTRIC
UGC	UGC	EX. UNDERGROUND GAS
FO	FO	EX. UNDERGROUND TELECOM
UGP	UGP	EX. UNDERGROUND FIBER OPTIC
		EX. UNDERGROUND POWER
		EX. SURVEY MAJOR CONTOUR
		EX. SURVEY MINOR CONTOUR
		EX. STORM STRUCTURE
		EX. SANITARY SEWER MANHOLE
		EX. WATER VALVE
		EX. FIRE HYDRANT
		EX. STREET LAMP

DESCRIPTION: (DESCRIPTION PROVIDED BY CLIENT)

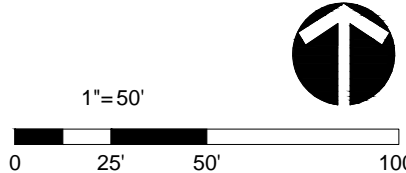
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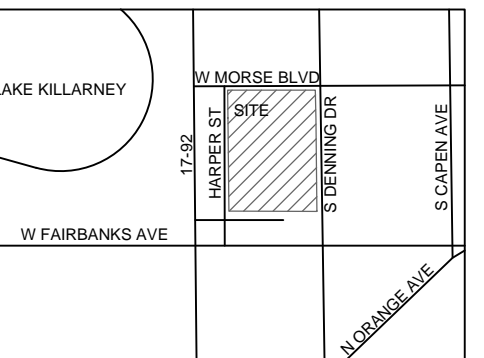
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SOUTHEASTERN SURVEYING AND MAPPING CORPORATION
6500 All American Boulevard
Orlando, Florida 32810-4350
(407) 292-8590
e-mail: info@southeasternsurveying.com
Certification Number LB2108



LandDesign.

100 S. ORANGE AVE., SUITE 700
ORLANDO, FL 32801
407.270.7800
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REV MAP

SEAL

NOT FOR CONSTRUCTION

**CITY OF WINTER PARK
LIBRARY AND EVENTS
CENTER**

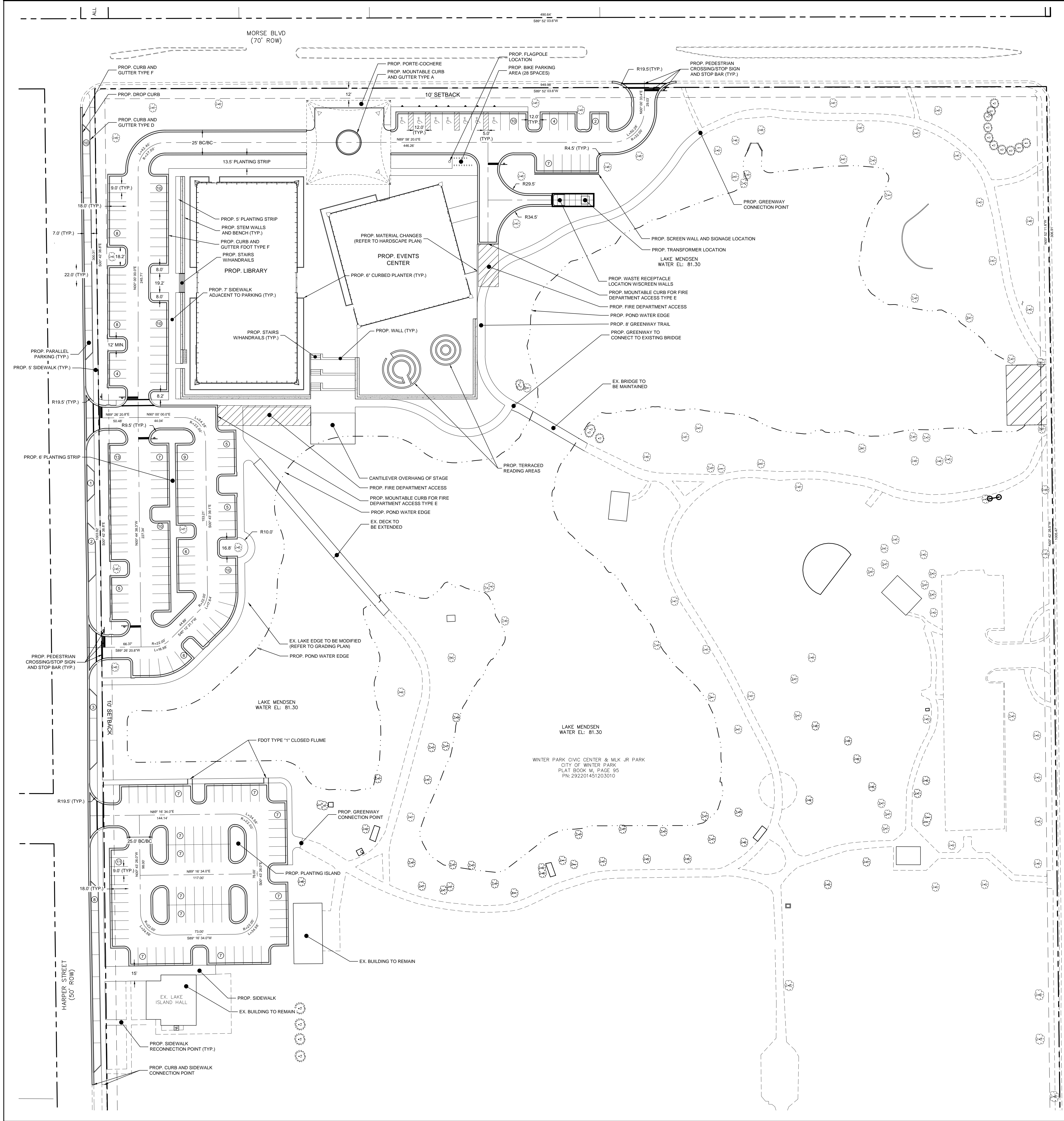
Hunton Brady
ARCHITECTS

Adjaye Associates

DATE	SUBMISSION	NO
07/06/18	FINAL CONDITIONAL USE APPROVAL	

OVERALL EXISTING
CONDITIONS

PROJ. NO.	8116008	SHEET
DRAWN	DGG	
		C011



LEGEND

PROPERTY BOUNDARY
SETBACK/YARDS

SITE DEVELOPMENT SUMMARY:

SITE AREA:
TOTAL SITE: 28.55 ACRES
(1,243,768 SQ. FT.)

PARCEL ID:
01-22-29-4512-03-010

ZONING:
PARKS AND RECREATION DISTRICT

FUTURE LAND USE:
OPEN SPACE RECREATION

BUILDING SETBACKS:
MORSE BLVD: 10' SETBACK
HARPER STREET: 10' SETBACK

BUILDING USE / AREAS:
USE: LIBRARY AND EVENTS CENTER
LIBRARY GFA: 34,400 SF
EVENTS CENTER GFA: 13,564 SF
TOTAL: 47,964 SF

FLOOR AREA RATIO:
PERMITTED: 20%
PROPOSED: 4.7%

IMPERVIOUS AREAS:
WITHIN CONSTRUCTION LIMITS:
EXISTING IMPERVIOUS = 2.31 AC (100,624 SF)
PROPOSED IMPERVIOUS = 4.36 AC (189,793 SF)
DELTA = 2.05 AC (89,169 SF)

LIGHTING:
BUILDING AND SITE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH CITY CODE.

SIGNAGE:
SIGNAGE FOR THE BUILDING SHALL BE PROVIDED AS A SEPARATE STAND ALONE SUBMITTAL FOR FINAL CONDITIONAL USE PERMIT

BUILDING HEIGHT:
PERMITTED: 35'
PROPOSED: 31'

PARKING:
EXISTING PARKING REMOVED:
CIVIC CENTER: 114 SPACES
AUXILIARY: 16 SPACES ON-STREET
14 SPACES UNMARKED
TOTAL: 144 SPACES

PARKING CALCULATIONS BASED ON ACTUAL FLOOR AREA MINIMUM PERMITTED:
LIBRARY: 92 SPACES (1/375 SF)
EVENTS CENTER: 55 SPACES (1/250 SF)
TOTAL: 147 SPACES

PROPOSED PARKING:
WITHIN 300': 104 SPACES
ON PROPERTY: 116 SPACES
ON STREET: 24 SPACES
TOTAL: 244 SPACES
BIKE PARKING:
PERMITTED: 28 SPACES (15%)

FLOOD PLAIN:
ZONE "X" PER ORANGE COUNTY MAP NUMBER #12095C0255F, DATED SEPTEMBER 25, 2009.

STORMWATER MANAGEMENT CONCEPT:
THE PROPOSED WINTER PARK LIBRARY (WPL) PROJECT SHALL PROVIDE STORMWATER QUALITY TREATMENT THROUGH THE RETENTION OF RUNOFF FROM IMPERVIOUS AREAS IN ACCORDANCE WITH CITY OF WINTER PARK AND ST. JOHNS RIVER WATER MANAGEMENT DISTRICT REQUIREMENTS. THE POST-WPL DEVELOPMENT PEAK RATE OF STORMWATER DISCHARGE SHALL BE ATTENUATED SO THAT IT DOES NOT EXCEED PRE-WPL RATE OF DISCHARGE FOR THE REGULATED STORMS IN ACCORDANCE WITH THE CITY OF WINTER PARK/ST. JOHNS RIVER WATER MANAGEMENT DISTRICT AND FLORIDA DEPARTMENT OF TRANSPORTATION REQUIREMENTS AS APPLICABLE. WATER QUALITY TREATMENT AND RATE ATTENUATION SHALL BE PROVIDED WITHIN THE EXISTING PONDS (LAKE MENDON AND LAKE ROSE) LOCATED ON SITE. RETENTION AREAS SHALL BE DESIGNED TO RECOVER IN ACCORDANCE WITH ST. JOHNS RIVER WATER MANAGEMENT DISTRICT AND THE CITY OF WINTER PARK REQUIREMENTS.

VALENCIA COMMUNITY CENTER
WINTER PARK CAMPUS
DISTRICT BOARD OF TRUSTEES
VALENCIA COMMUNITY CENTER
PLAT BOOK A, PAGE 45C
PN: 302205940045C

HANNIBAL SQUARE
COMMUNITY LAND TRUST
ROMAN CHAIKINA
PLAT BOOK A, PAGE 1
PN: 30220594004501

NEW ENGLAND AVE
(40' ROW)

WASMAN BERNADETTE
PLAT BOOK A, PAGE 67
PN: 302205940046061

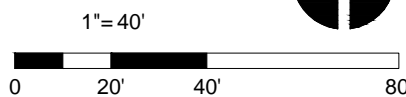
WHITMORE MAE
PLAT BOOK A, PAGE 67
PN: 302205940046071

DOUGLAS AVE
(30' ROW)

HARP RHONDA
PLAT BOOK A, PAGE 67
PN: 302205940047061

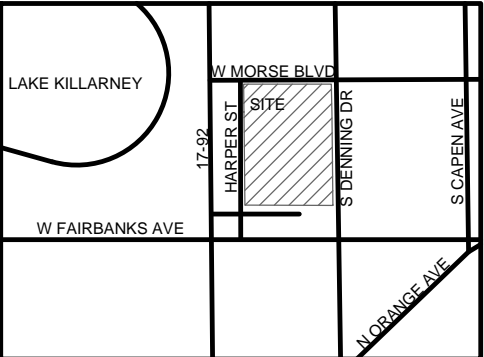
SCHMIDT MICHAEL
PLAT BOOK A, PAGE 67
PN: 302205940047071

LYMAN AVE
(50' ROW)



LandDesign

100 S. ORANGE AVE., SUITE 700
ORLANDO, FL 32801
407.270.7800
WWW.LANDDESIGN.COM



REV MAP

SEAL

NOT FOR
CONSTRUCTION

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LIBRARY AND EVENTS
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ARCHITECTS

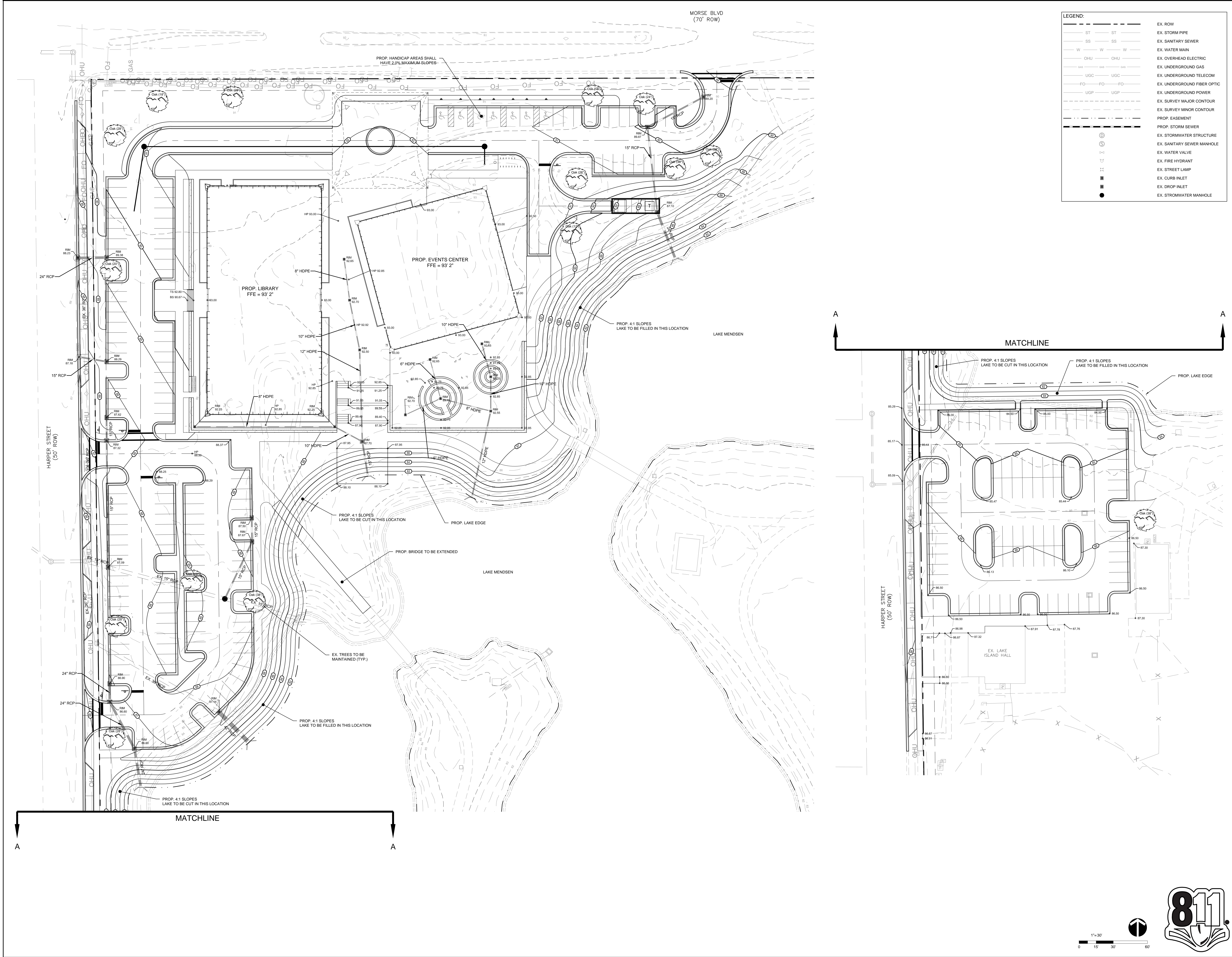
Adjaye Associates

DATE SUBMISSION NO
07/06/18 FINAL CONDITIONAL USE APPROVAL

SITE PLAN

PROJ. NO. 8118008 SHEET
DRAWN DGG

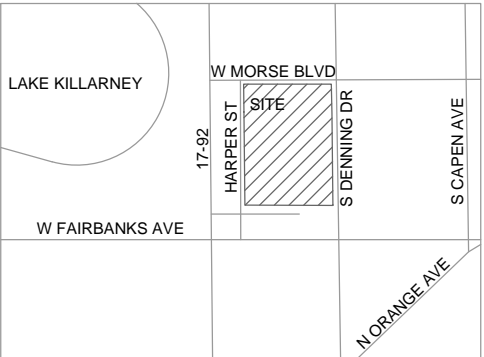
C110



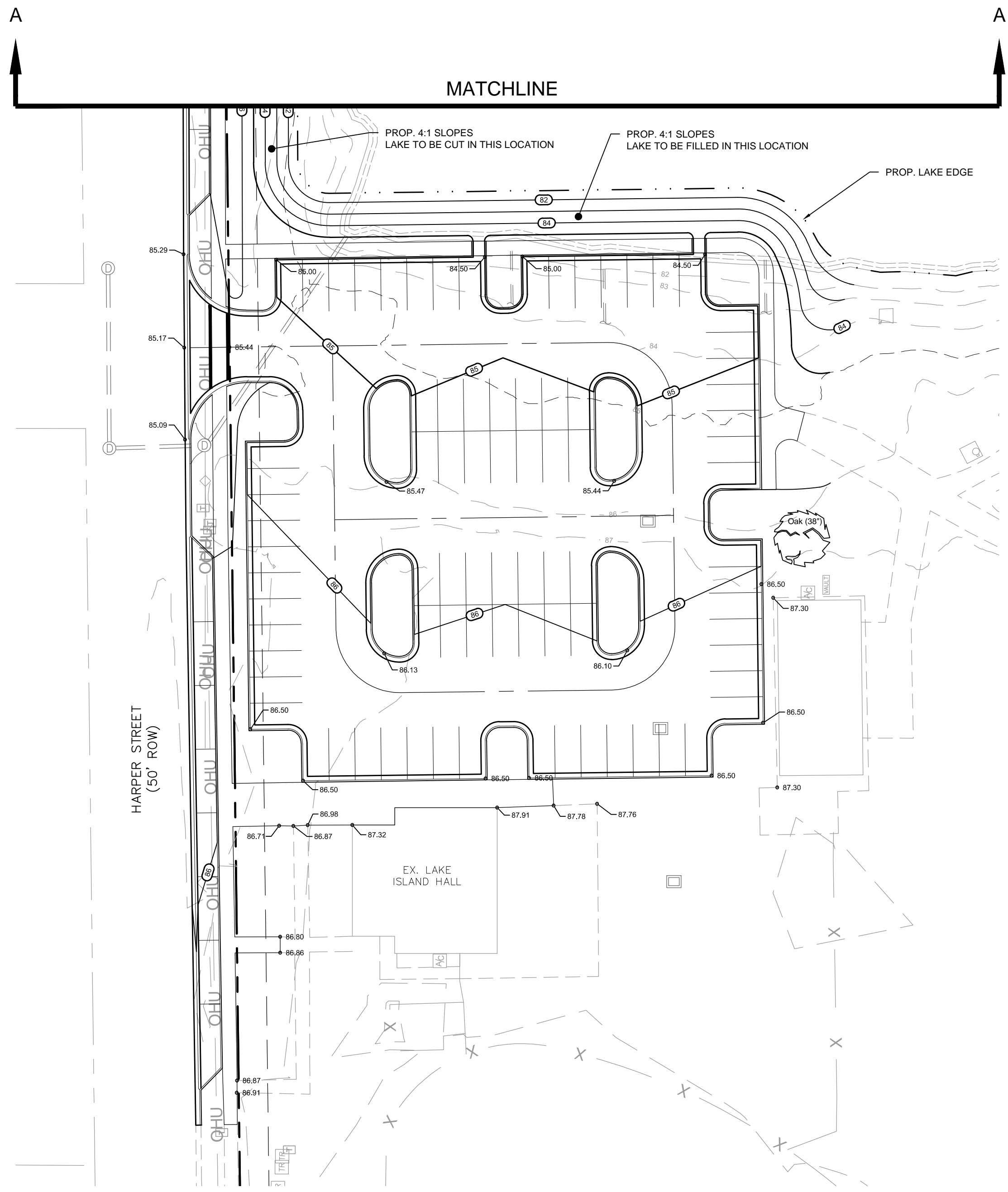
LEGEND:	
ST	EX. ROW
SS	EX. STORM PIPE
W	EX. SANITARY SEWER
CHU	EX. WATER MAIN
UGS	EX. OVERHEAD ELECTRIC
UGC	EX. UNDERGROUND GAS
FO	EX. UNDERGROUND TELECOM
UGP	EX. UNDERGROUND FIBER OPTIC
	EX. UNDERGROUND POWER
	EX. SURVEY MAJOR CONTOUR
	EX. SURVEY MINOR CONTOUR
	PROP. EASEMENT
	PROP. STORM SEWER
	EX. STORMWATER STRUCTURE
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	EX. WATER VALVE
	EX. FIRE HYDRANT
	EX. STREET LAMP
	EX. CURB INLET
	EX. DROP INLET
	EX. STORMWATER MANHOLE

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KEY MAP



SEAL

NOT FOR
CONSTRUCTION

CITY OF WINTER PARK
LIBRARY AND EVENTS
CENTER

Hunton Brady
ARCHITECTS

Adjaye Associates

DATE	SUBMISSION	NO
07/06/18	FINAL CONDITIONAL USE APPROVAL	

GRADING PLAN

PROJ. NO.	8118008	SHEET
DRAWN	DGG	

C210



1" = 30'
0 15 30 60

GENERAL NOTES

1. BASE INFORMATION, INCLUDING EXISTING CONDITIONS, TOPOGRAPHY, EXISTING UTILITIES, AND BOUNDARY INFORMATION IS FROM PLANS BY: XXXXXX
2. ARCHITECTURAL INFORMATION IS FROM PLANS BY: HUNTON BRADY ASSOCIATES
3. WRITTEN DIMENSIONS PREVAIL OVER SCALED DIMENSIONS. NOTIFY LANDESIGN OF ANY DISCREPANCIES.
4. DIMENSIONS ARE TO FACE OF OBJECT, UNLESS NOTED OTHERWISE.
5. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND LINE RUNS IN THE FIELD PRIOR TO CONSTRUCTION. ANY DAMAGE TO NEW AND EXISTING UTILITIES ARE TO BE REPAIRED IMMEDIATELY AT NO ADDITIONAL EXPENSE TO THE OWNER. LANDESIGN ASSUMES NO RESPONSIBILITY FOR ANY UTILITIES NOT SHOWN ON PLANS.
6. ALL PROPOSED FINISHED GRAVEL AND ASPHALT ARE TO BE MAINTAINED BY THE OWNER'S SURVEY AND OR CIVIL ENGINEER. ANY DISCREPANCIES IN ACTUAL FIELD MEASUREMENTS ARE TO BE REPORTED TO LANDESIGN IMMEDIATELY.
7. PRIOR TO COMMENCEMENT OF HARDSCAPE CONSTRUCTION, ALL PIERS, FOOTINGS, AND WALLS ARE TO BE SURVEYED, LAID OUT, AND STAKED IN THE FIELD FOR REVIEW BY THE CONTRACTOR. THE CONTRACTOR SHALL ASSURE THE ACCURACY OF THE SURVEY AND DEMOLITION, ADJUSTMENTS, OR RECONSTRUCTION OF HARDSCAPE CONSTRUCTION RESULTING FROM UNAUTHORIZED CONSTRUCTION.
8. CONTRACTOR IS RESPONSIBLE TO PROVIDE AND INSTALL ALL ITEMS PER DRAWINGS AND SPECIFICATION. NOTIFY LANDESIGN OF ANY MAJOR DISCREPANCIES BETWEEN CONTRACTOR'S QUANTITIES, BID BOOK, AND INTENT OF DRAWING.
9. CONTRACTOR IS RESPONSIBLE FOR ALL FINAL QUANTITIES PER DRAWINGS AND SPECIFICATIONS ANY QUANTITIES PROVIDE BY LANDESIGN ARE PROVIDED FOR CONVENIENCE ONLY AND SHALL NOT BE CONSIDERED ABSOLUTE. LANDESIGN SHOULD BE NOTIFIED OF ANY GRADING DISCREPANCIES.
10. THE CONTRACTOR SHALL EXAMINE AND BECOME FAMILIAR WITH ALL CONTRACT DOCUMENTS IN THEIR ENTIRETY. SURVEY THE PROJECT AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK. ALL COSTS SUBMITTED SHALL BE BASED ON THOROUGH KNOWLEDGE OF ALL WORK AND MATERIALS REQUIRED ANY DISCREPANCY AND/OR UNCERTAINTY AS TO WHAT MATERIAL OR PRODUCT IS TO BE USED, SHALL BE VERIFIED WITH THE OWNER OR LANDESIGN PRIOR TO BIDDING.
11. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES REQUIRED FOR SAFE EXECUTION AND COMPLETE OVER WORK, AND FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
12. IN THE EVENT A DISCREPANCY IS FOUND IN THE CONTRACT DOCUMENTS, THE OWNER & LANDESIGN SHALL BE NOTIFIED IMMEDIATELY.
13. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND NOTIFY LANDESIGN OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
14. CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AT THIS SITE AND BE RESPONSIBLE FOR ACCURACY AND CORRECTNESS OF SAME.
15. CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER TRADES AND NOTIFY OWNER & LANDESIGN OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
16. THE CONTRACTOR SHALL EMPLOY, AS REQUIRED BY GOVERNING AUTHORITIES, AN APPROVED TESTING LABORATORY TO MAKE ALL TESTS FROM CONCRETE, SOIL COMPACTION AND WELDING TO INSURE COMPLIANCE WITH PLANS, STANDARDS AND CODES. COST SHALL BE INCLUDED AS INCIDENTAL TO THE CONTRACT.
17. ALL EXISTING WORK OR LANDSCAPING NOT SHOWN TO BE ALTERED OR REMOVED SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. THE CONTRACTOR(S) SHALL BEAR THE TOTAL EXPENSE FOR, AND SHALL REPAIR ANY DAMAGE TO EXISTING CONDITIONS, OR IMPROVEMENTS NOT INDICATED IN THE DRAWINGS OR SPECIFICATIONS TO RECEIVE ALTERATION, ADDITIONS OR REMOVAL.

LAYOUT NOTES:

1. ALL MATERIALS AND CONSTRUCTION WITHIN RIGHT OF WAYS SHALL BE IN ACCORDANCE WITH THE XXXXXXXXXXXX STANDARD SPECIFICATIONS AND CONSTRUCTION STANDARDS, AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION PREPARED BY THE XXXXXXXXXXXX (LATEST REVISION).
2. EXISTING UTILITIES ARE SHOWN SCHEMATICALLY AND ARE FOR THE CONTRACTOR'S GUIDANCE ONLY. THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING IMPROVEMENTS IN THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION. REPAIRS SHALL BE EQUAL TO OR BETTER THAN CONDITION PRIOR TO CONSTRUCTION.
4. ALL ONSITE PAVING DIMENSIONS ARE TO THE FACE OF CURB, WHERE APPLICABLE, UNLESS NOTED OTHERWISE.
5. ALL CURB RADI AND SIDEWALK RETURNS ARE 2' UNLESS NOTED OTHERWISE.
6. ALL PAVING AND EARTHWORK OPERATIONS SHALL CONFORM TO THE PROJECT GEOTECHNICAL REPORT.
7. BOUNDARY SURVEY: BOUNDARY SURVEY INFORMATION IS BASED ON THE BOUNDARY SURVEY PREPARED BY XXXXXXXX. REFER TO THE BOUNDARY SURVEY AND PLAN TO VERIFY PROPERTY LINES AND EASEMENT LOCATIONS.
8. BUILDING DIMENSIONS: THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS TO VERIFY THE EXACT BUILDING DIMENSIONS.
9. LAY PAVERS IN PATTERN(S) SHOWN ON DRAWINGS. PLACE UNITS HAND TIGHT WITHOUT USING HAMMERS. MAKE HORIZONTAL ADJUSTMENTS TO THE ADJACENT OF LAID PAVERS WITH RUBBER HAMMERS AS REQUIRED TO ADJUST TO EDGE CONSTRAINTS AS REQUIRED TO ACCOMMODATE ACTUAL PAVER SIZES. NOTIFY LANDESIGN IMMEDIATELY OF DISCREPANCIES AND/OR ADJUSTMENTS.
10. PROVIDE JOINTS BETWEEN PAVERS BETWEEN 1/16 IN. AND 3/16 IN. (2 AND 5 MM) WIDE. NO MORE THAN 5% OF THE JOINTS SHALL EXCEED 1/4" WIDE TO ACHIEVE STRAIGHT BOND LINES.
11. JOINT (BOND) LINES SHALL NOT DEVIATE MORE THAN ±1/2 IN. (±15 MM) OVER 50 FT. (15 M) FROM STRING LINES.
12. FILL GAPS AT THE EDGES OF THE PAVED AREA WITH CUT PAVERS OR EDGE UNITS.
13. CUT PAVERS TO BE PLACED ALONG THE EDGE WITH A MASONRY SAW.
14. ADJUST BOND PATTERN TO MATCH THE PAVING PATTERN SUCH THAT CUTTING OF EDGE PAVERS IS MINIMIZED.
15. IN NO CASE SHALL A CUT PAVER BE LESS THAN 1/3 FULL PAVER SIZE.
16. PAVER DIMENSIONS ARE NOMINAL. PRIOR TO POURING SLABS, BANDING, OR OTHERWISE SETTING PAVER FIELDS, VERIFY ACTUAL PAVER SIZES AND LAYOUT OF THE PAVER. MAKE MINOR ADJUSTMENTS TO EDGE CONSTRAINTS AS REQUIRED TO ACCOMMODATE ACTUAL PAVER SIZES. NOTIFY LANDESIGN IMMEDIATELY OF DISCREPANCIES AND/OR ADJUSTMENTS.

GRADING NOTES:

1. STAKE PER SPOT ELEVATIONS AND NOTED SLOPES. CONTOURS ARE PROVIDED FOR MASS GRADING/INTENT ONLY.
2. WRITTEN DIMENSIONS AND GRADES PREVAIL OVER SCALED DIMENSIONS. NOTIFY LANDESIGN OF ANY DISCREPANCIES.
3. ALL SPOT ELEVATIONS SHOWN ON GRADING PLAN ARE TO BOTTOM OF CURB/TOP OF PAVEMENT UNLESS OTHERWISE NOTED. ALL RIM ELEVATIONS ARE TO EDGE OF PAVEMENT.
4. REFER TO GEOTECHNICAL ENGINEER AND GEOTECH REPORT FOR INFORMATION ON SUBSURFACE MATERIALS, TOPSOIL, STRUCTURAL MATERIAL, DEEP FILLS, EXCAVATION, AND FOUNDATIONS.
5. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
6. IN ORDER TO ASSURE PROPER DRAINAGE, KEEP A MINIMUM OF .5% SLOPE ON THE CURB.
7. ALL PLANTING ISLANDS SHALL BE GRADED TO MOUND TO PROVIDE POSITIVE DRAINAGE.
8. CONTRACTOR TO VERIFY 2% MAX. GROSS SLOPE ON ALL SIDEWALKS.
9. CONTRACTOR TO VERIFY THAT ALL SIDEWALK SLOPES, HANDICAP RAMPS, AND HANDICAP PARKING SPACES MEET ADA REQUIREMENTS.
10. CONCRETE SIDEWALKS ADJACENT TO TREE SAVE LOCATIONS SHOULD BE POURED ON TOP OF EXISTING GRADE.
11. REFER TO LANDSCAPE PLAN FOR ALL TREE PROTECTION FENCE LOCATIONS AND INSTALLATION PROCEDURES. BEFORE GRADING/CONSTRUCTION BEGINS, CALL FOR INSPECTION OF TREE PROTECTION BARRICADES. NO SOIL DISTURBANCE OR COMPACTION, CONSTRUCTION MATERIALS, TRAFFIC, BURIAL PITS, TRENCHING, OR OTHER LAND DISTURBING ACTIVITY ALLOWED IN THE TREE PROTECTION ZONE.
12. DIMENSIONS ON BUILDINGS ARE FOR GRADING PURPOSES ONLY AND ARE NOT TO BE USED TO LAYOUT FOOTINGS.
13. GRADING CONTRACTORS SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING OR CONNECTING TO SAID FACILITIES. CONTRACTORS SHALL PAY ALL COSTS IN CONNECTION WITH THE ALTERATION OF OR RELOCATION OF THE FACILITIES. CONTRACTORS SHALL RAISE OR LOWER TOPS OF EXISTING MANHOLES AS REQUIRED TO MATCH FINISHED GRADES.
14. GRADING CONTRACTOR SHALL COOPERATE AND WORK WITH ALL OTHER CONTRACTORS PERFORMING WORK ON THIS PROJECT TO INSURE PROPER AND TIMELY COMPLETION OF THIS PROJECT.

MATERIALS + PAVING NOTES:

1. ALL MATERIALS, CONSTRUCTION METHODS, WORKMANSHIP, EQUIPMENT SERVICES AND TESTING FOR ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND THE GOVERNING AUTHORITIES' REQUIREMENTS. IN THE EVENT OF A CONFLICT BETWEEN THE PROJECT DOCUMENTS AND THE GOVERNING AUTHORITIES' REQUIREMENTS, THE MORE STRINGENT SHALL APPLY.
2. SUBGRADE PREPARATION, PAVEMENT STRENGTH AND THICKNESS SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT.
- A. PROOF-ROLL SUBGRADE: PRIOR TO PREPARATION OF THE SUBBASE, THE SUBGRADE SHALL BE PROOF-ROLLED WITH HEAVY PNEUMATIC EQUIPMENT. ANY SOFT OR PUMPING AREAS SHALL BE EXCAVATED TO FIRM SUBGRADE AND BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
- B. PAVEMENT SUBGRADE SHALL BE GRADED TO PREVENT PONDING AND INFILTRATION OF EXCESSIVE MOISTURE ON OR ADJACENT TO THE PAVEMENT SUBGRADE.
3. THE USE OF "LEVEL UP" SAND UNDER PAVEMENT WILL NOT BE ACCEPTED, UNLESS NOTED OTHERWISE.
4. CONCRETE SHALL NOT BE PLACED WHEN THE TEMPERATURE IS BELOW 40 DEGREES FAHRENHEIT AND FALLING, BUT MAY BE PLACED WHEN THE TEMPERATURE IS ABOVE 35 DEGREES FAHRENHEIT AND RISING. THE TEMPERATURE READING SHALL BE TAKEN IN THE SHADE AWAY FROM ARTIFICIAL HEAT.
- A. DO NOT PLACE CONCRETE WHILE IT IS RAINING OR WHEN RAIN IS IMMINENT.
5. CAST IN PLACE CONCRETE SHALL MEET THE FOLLOWING REQUIREMENTS:
- A. MINIMUM 3,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, UNLESS NOTED OTHERWISE.
- B. AGGREGATES: ASTM C33 MAX 3/4" IN SIZE, UNLESS NOTED OTHERWISE.
- C. SLUMP: 3 TO 5 INCHES.
- D. AIR CONTENT: 4 TO 6 PERCENT BY VOLUME.
6. CONCRETE THICKNESS:
- A. PEDESTRIAN AREA: 4" THICK, UNLESS NOTED OTHERWISE.
- B. ALL OTHER CONCRETE COMPONENTS INSTALL PER SIZE SPECIFIED IN DRAWINGS.
7. CONCRETE REINFORCING:
- A. 4" THICK PAVING: #3s AT 24" SPACING UNLESS NOTED OTHERWISE IN DRAWINGS.
- B. 6" THICK PAVING: #4s AT 24" SPACING UNLESS NOTED OTHERWISE IN DRAWINGS.
- C. 8" THICK PAVING: #5s AT 24" SPACING UNLESS NOTED OTHERWISE IN DRAWINGS.
- D. ALL PAVEMENT REINFORCING BARS SHALL BE GRADE 60 KSI DEFORMED BILLET STEEL BARS, UNCOATED FINISH. SIZE AND SPACING SHALL BE IN ACCORDANCE WITH THE PAVING PLAN AND DETAILS.
- E. ALL REINFORCING STEEL AND DOWEL BARS IN PAVEMENT SHALL BE SUPPORTED AND MAINTAINED AT THE CORRECT CLEARANCES BY THE USE OF BAR CHAIRS.
8. CONTROL JOINTS (TROWEL OR SAW CUT)
- A. TO BE PLACED AS INDICATED ON PLANS AND DETAILS TO A MINIMUM DEPTH OF 1/8 OF CONCRETE THICKNESS.
- B. SAW CUT JOINTS TO BE EXECUTED WITHIN 12 HOURS OF CONCRETE PLACEMENT.
- C. SAWN JOINTS ARE TO BE TRUE IN ALIGNMENT AND SHALL CONTINUE THROUGH ADJACENT CURBS. RADIAL JOINTS SHALL BE NO SHORTER THAN 18".
- D. SAWN JOINTS TO BE CLEANED OF DEBRIS, DIRT, DUST, SCALE, CURING COMPOUND AND CONCRETE, BLOWN DRY AND IMMEDIATELY SEALED. SEALANT MATERIAL SHALL BE SONNEBORN SONOLASTIC SL2 MULTI-COMPONENT, SELF-LEVELLING, ELASTOMERIC POLYURETHANE OR EQUIVALENT. SEALANT COLOR SHALL MATCH PAVEMENT.
9. EXPANSION JOINTS
- A. PLACE AT A MAXIMUM SPACING OF 30' O.C. AND COORDINATE WITH OVERALL PAVING PATTERN AND COLOR.
- B. PROVIDE DOWELS AS SPECIFIED IN DRAWING DETAILS.
- C. CONTRACTOR SHALL PREPARE A JOINT LAYOUT AND PROVIDE IT TO THE ENGINEER FOR REVIEW. THE JOINT LAYOUT SHALL BE PROVIDED A MINIMUM OF ONE WEEK PRIOR TO PLACING CONCRETE. PATTERN SHALL BE CAREFULLY DESIGNED BY THE CONTRACTOR TO AVOID IRREGULAR SHAPES. EXPANSION JOINTS SHALL NOT BE LOCATED ALONG VALLEYS IN PAVEMENT.
10. ALL CONSTRUCTION JOINTS SHALL BE SAWN. CONCRETE FINISHES TO BE PER DRAWING DETAILS AND SPECIFICATIONS.
11. CONCRETE SHALL BE BROOM FINISHED AND CURED FOR A MINIMUM OF 72 HOURS UNLESS NOTED OTHERWISE.
12. BREAKOUTS FOR REMOVAL OF EXISTING PAVEMENT AND CURBS SHALL BE MADE BY FULL DEPTH SAW CUT WHEN ADJACENT TO PROPOSED PAVEMENT AND/OR CURBS.
13. PROPOSED PAVEMENT AND/OR CURBS INTENDED TO TIE INTO EXISTING SHALL MATCH SHALL MATCH THE ELEVATION OF EXISTING PAVEMENT AND/OR CURBS.
14. CONTRACTOR SHALL REFER TO THE SITE CIVIL, MEP AND IRRIGATION PLANS FOR CONDUIT TO BE INSTALLED UNDER PAVEMENT PRIOR TO COMMENCING PAVEMENT SUBGRADE PREPARATION.
15. ALL TESTING SHALL BE PERFORMED BY A QUALIFIED TESTING LABORATORY, EMPLOYED AND PAID DIRECTLY BY THE OWNER. TESTING SHALL BE PERFORMED AT A MINIMUM IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT. IN THE EVENT THE RESULTS OF THE INITIAL TESTING DO NOT COMPLY WITH THE PLANS AND THE SPECIFICATIONS, SUBSEQUENT TEST NECESSARY TO DETERMINE THE ACCEPTABILITY OF CONSTRUCTION SHALL BE AT THE CONTRACTOR'S EXPENSE. PAVEMENT FOUND TO BE DEFICIENT IN STRENGTH OR THICKNESS SHALL BE REMOVED AND REPLACED SOLELY AT THE EXPENSE OF THE CONTRACTOR.

ACCESSIBILITY NOTES:

1. MAX CROSS SLOPE ON PAVED SURFACES SHALL BE 2% MAXIMUM, UNLESS NOTED OTHERWISE.
2. MAX RUNNING SLOPE ON PAVED SURFACES SHALL BE 5% MAXIMUM, UNLESS NOTED OTHERWISE.
3. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM, AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". CONTRACTOR SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
4. ALL CURB RAMPS SHALL BE BROOM FINISHED PERPENDICULAR TO SLOPE.
5. ALL CURB RAMPS SHALL HAVE A 1:12 MAX SLOPE IN THE DIRECTION OF TRAVEL. 2% MAX CROSS SLOPE.
6. IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO COMPLY WITH ALL APPROPRIATE FAIR HOUSING ACCESSIBILITY GUIDELINES AND GENERAL NOTES FOR PUBLIC AND COMMON USE FACILITIES. REPORT ANY DISCREPANCIES TO LANDESIGN.

PLANTING NOTES:

1. ALL QUANTITIES LISTED IN THE DRAWINGS ARE FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL QUANTITIES AND TO PROVIDE ALL MATERIALS NECESSARY FOR FULL COVERAGE IN ALL PLANTING AREAS AS SPECIFIED ON THE DRAWINGS. ANY DISCREPANCY SHOULD BE REPORTED TO THE OWNER.
2. ALL PLANTS SHOULD BE IN ACCORDANCE WITH ANSI Z60.1-2014, AMERICAN STANDARD FOR NURSERY STOCK PUBLICATION, APPROVED APRIL 14, 2014.
3. CALIPER SIZE OF CANOPY TREES ARE TO BE MEASURED PER LOCAL CITY LANDSCAPE ORDINANCE.
4. ALL PLANT MATERIAL SHALL CONFORM TO THE SIZE SPECIFICATIONS (CALIPER, HEIGHT AND SPREAD) GIVEN IN THE PLANT SCHEDULE AND SHALL BE NURSERY GROWN UNLESS SPECIFIED OTHERWISE.
5. ANY PLANT SUBSTITUTION SHALL BE APPROVED BY LANDESIGN PRIOR TO PURCHASE.
6. SIZES LISTED ARE MIN. AND REFER TO HEIGHT, UNLESS OTHERWISE SPECIFIED.
7. LANDSCAPE CONTRACTOR SHALL STAKE OUT LOCATIONS OF ALL TREES TO BE PLANTED FOR REVIEW BY LANDESIGN PRIOR TO INSTALLING. LANDESIGN RESERVES THE RIGHT TO ADJUST TREE LOCATIONS IN THE FIELD AS NECESSARY.
8. SHRUB/GROUNDCOVER BEDS SHALL BE STAKED FOR REVIEW BY LANDESIGN/OWNER'S REPRESENTATIVE PRIOR TO EXCAVATION AND OR BED PREPARATION.
9. LANDSCAPE CONTRACTOR SHALL INSTALL STEEL EDGING BETWEEN PLANTING BEDS AND LAWNS, OR AS SHOWN IN DETAILS.
10. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND LINE RUNS IN THE FIELD PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL.
11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ADVISE LANDESIGN OF ANY CONDITION FOUND ON THE SITE WHICH PROHIBITS INSTALLATION AS SHOWN ON THE DRAWINGS.
12. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION WITH OTHER CONTRACTORS ON SITE AS REQUIRED TO ACCOMPLISH ALL PLANTING OPERATIONS.
13. ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION AND MUST BE REPLACED WITH PLANT OF SAME VARIETY AND SIZE IF DAMAGED, DESTROYED, DEAD AND/OR REMOVED.
14. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING AND REMOVAL OF DEBRIS PRIOR TO PLANTING IN ALL AREAS.
15. FINAL FINISHED GRADING SHALL BE REVIEWED BY LANDESIGN. CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL TOPSOIL REQUIRED TO CREATE A SUFFICIENT CONDITION SUITABLE FOR PLANTING.
16. TREES OVERHANGING INTO THE PUBLIC R.O.W. SHALL HAVE A MINIMUM CLEAR TRUNK HEIGHT OF FOURTEEN(14) FEET OVER STREETS, DRIVE AISLES, ALLEYS AND FIRE LINES. TREES OVERHANGING PRIVATE STREETS, WALKS, AND/OR PARKING LOTS SHALL HAVE A MINIMUM CLEAR TRUNK HEIGHT OF SEVEN (7) FEET.
17. LANDSCAPE CONTRACTOR IS REQUIRED TO PERFORM A TREE PIT PERCOLATION TEST FOR EACH TREE PIT PRIOR TO INSTALLATION. IF TREE PIT DOES NOT DRAIN WITHIN A 24-HOUR PERIOD, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE A GRAVEL SUMP, FILTER FABRIC AND STAND PIPE. ALL TREE PIT SUMPS SHALL BE INCLUDED IN THE CONTRACTOR'S BASE BID AS A UNIT PRICE AND PROVIDE AS A DEDUCT ALTERNATE PER TREE PIT SUMP NOT REQUIRED TO BE INSTALLED.
18. LANDSCAPE CONTRACTOR IS RESPONSIBLE TO REVIEW SITE ENVIRONMENTAL CONDITIONS PRIOR TO AND DURING INSTALLATION OF PLANT MATERIAL. ANY DISCREPANCIES OR CONCERNS BETWEEN THE ENVIRONMENTAL SITE CONDITIONS (I.E., SOIL TYPE, WATER, CLIMATE, WIND, SUN EXPOSURE ETC.) AND THE PLANT MATERIAL SPECIFIED WITHIN THE DRAWING SHALL BE BROUGHT TO THE ATTENTION OF LANDESIGN AND/OR OWNER, AND SHALL BE DONE SO IN WRITING. CONTRACTOR SHALL PROVIDE SUGGESTED SOLUTIONS FOR ALTERNATIVE PLANT MATERIAL PROPOSED FOR SUBSTITUTION. LANDESIGN TO REVIEW CONDITIONS AND INFORMATION SUBMITTED BY CONTRACTOR AND WILL ISSUE DIRECTIVE: SHOULD PLANT MATERIAL DIE BECAUSE OF ENVIRONMENTAL CONDITIONS DESCRIBED ABOVE, THE LANDSCAPE CONTRACTOR ASSUMES ALL WARRANTY AND GUARANTEE OF THE PLANT MATERIAL, INSTALLED.
19. ALL NEW PLANTING AREAS SHALL BE BACKFILLED WITH PLANTING SOIL THAT IS A MIXTURE OF 40-60% IMPORTED UNSCREENED TOPSOIL, 40-45% COARSE SAND, AND 10% COMPOST. FINAL TESTED ORGANIC MATTER SHALL BE BETWEEN 2.75 AND 4% (BY DRY WEIGHT). BACKFILL SHALL BE TO A DEPTH OF 18" FOR SHRUB AND GROUNDCOVER ZONES AND 36" FOR TREE PITS.
20. AFTER PLANTING SOIL MIXES ARE INSTALLED IN PLANTING BED AREAS AND JUST PRIOR TO THE INSTALLATION OF SHRUB OR GROUNDCOVER PLANTINGS, SPREAD 3/4 INCHES OF COMPOST OVER THE BEDS AND ROTO TILL INTO THE TOP 8 INCHES OF THE PLANTING SOIL. THIS WILL RAISE THE GRADES SLIGHTLY ABOVE THE FINISHED GRADES, IN ANTICIPATION GRADES BREAKS DOWN.
21. IN ALL EXISTING PLANTING AREAS DESIGNATED TO RECEIVE NEW PLANTINGS, SPREAD 3-4 INCHES OF COMPOST OVER THE BEDS AND ROTO TILL INTO THE TOP 8 INCHES OF THE PLANTING SOIL. THIS WILL RAISE THE GRADES SLIGHTLY ABOVE THE FINISHED GRADES, IN ANTICIPATION GRADES WILL SETTLE WITHIN A FEW MONTHS AFTER INSTALLATION AS COMPOST BREAKS DOWN. IN NO CASE WILL THIS BE PERFORMED WHERE IT MAY NEGATIVELY IMPACT THE HEALTH OF ADJACENT, EXISTING PLANT MATERIALS WHICH ARE DESIGNATED TO REMAIN.
22. LANDSCAPE CONTRACTOR TO WARRANTY ALL PLANT MATERIALS FOR A PERIOD OF ONE YEAR. THE CONTRACTOR AGREES TO REPLACE DEFECTIVE WORK AND DEFECTIVE PLANTS, AND THAT THE OWNER'S REPRESENTATIVE SHALL MAKE THE FINAL DETERMINATION IF PLANTS MEET THE REQUIRED SPECIFICATIONS OR THAT PLANTS ARE DEFECTIVE. PLANTS DETERMINED TO BE DEFECTIVE SHALL BE REMOVED IMMEDIATELY UPON NOTIFICATION BY THE OWNER'S REPRESENTATIVE AND REPLACED WITHOUT COST TO THE OWNER, AS SOON AS WEATHER CONDITIONS PERMIT AND WITHIN THE SPECIFIED PLANTING PERIOD. THE REPLACED MATERIALS SHALL ALSO RECEIVE A WARRANTY PERIOD OF ONE YEAR WHICH STARTS AT THE DATE OF INSTALLATION. BULBS, ANNUAL FLOWERS, AND SEASONAL COLOR PLANTS SHALL ONLY BE WARRANTED FOR THE PERIOD OF THE EXPECTED BLOOM OR PRIMARY DISPLAY.

PLANTERS/SPOTS/SEASONAL PLANTING NOTES:

1. SOIL SHOULD BE NUTRIENT-RICH, MOISTURE CONTAINING PLANTING MEDIUM AND BE A MINIMUM 18" DEPTH FOR SEASONALS, PERENNIALS AND SMALL SHRUBS. MINIMUM 36" DEPTH FOR ALL TREES.
2. A LAYER OF RIVER ROCK SHALL BE PLACED IN THE BASE OF EACH PLANTER POT TO A MINIMUM 6" DEPTH OR AS ALLOWABLE BY REQUIRED SOIL DEPTH. PLACE FILTER FABRIC BETWEEN SOIL MEDIUM AND RIVER ROCK AND SOIL MEDIUM AND PLANTER EDGES. OVERLAP FABRIC 6" MINIMUM TO MINIMIZE SOIL WASH.
3. PLANTERS POTS WHICH DO NOT RECEIVE IRRIGATION SHALL BE HAND-WATERED. HAND WATERING SHOULD OCCUR MINIMUM 2 TIMES PER WEEK DURING COOLER AND RAINY SEASONS AND INCREASED TO EVERY 2-3 DAYS DURING HOT/DRY WEATHER. ALWAYS CHECK SOIL 6" BELOW SURFACE FOR SATURATION PRIOR TO WATERING TO PREVENT OVERWATERING/DROWNING OF PLANT MATERIAL.
4. WHEN APPLICABLE, PLANTS TO REMAIN IN CONTAINERS FOR DURATION OF SEASON ARE SHOWN IN THE "PERMANENT" LAYOUT. EACH SEASON WILL HAVE ITS OWN PLANT MATERIAL. SOME OF WHICH MAY LAST ALL YEAR. ROTATE IN THE PLANTS NOTED FOR EACH SEASON.
5. IF PLANT MATERIAL DIES DURING A SEASON AND IS EXPECTED TO REMAIN FOR AN ADDITIONAL SEASON, CONTRACTOR IS TO REPLACE AT TIME OF NEXT SEASONAL ROTATION.
6. CONTACT LANDESIGN FOR ANY REQUIRED SUBSTITUTIONS.
7. ALL PLANTS SHOULD BE FULL AT TIME OF INSTALLATION AND COVER 75% OF POT SURFACE AREA.
8. AVOID PLANTING IN THE ROOT ZONE OF ANY PERMANENT TREES, SHRUBS, OR PERENNIALS.
9. SEASONAL PLANTS SHOULD BE REMOVED FOLLOWING THE FIRST MAJOR FROST DIEBACK AND REPLACED WITH EVERGREEN BOUGHS OR OTHER OWNER APPROVED WINTER DECOR. TREES, SHRUBS AND PERENNIALS SHOULD REMAIN IN THE CONTAINERS YEAR ROUND AND REPLACED ONLY AS NECESSARY.

IRRIGATION NOTES:

1. A FULLY AUTOMATED IRRIGATION SYSTEM PROVIDING 100% COVERAGE SHALL BE PROVIDED FOR ALL PLANTING AREAS, UNLESS NOTED OTHERWISE. SYSTEM SHALL BE IN OPERATION PRIOR TO INSTALLATION OF ANY PLANT MATERIAL OTHER THAN CANOPY TREES.
2. ALL PLANTING BEDS/ SHRUB AND GROUNDCOVER AREAS TO BE IRRIGATED WITH EITHER 12" SPRAY POP-UPS AND/OR A LANDSCAPE DRIP-LINE SYSTEM, UNLESS NOTED OTHERWISE.
3. ALL PLANTER POTS AND RAISED PLANTERS TO BE IRRIGATED WITH MICRO SPRAY SPRINKLER HEADS.
4. IRRIGATION SYSTEM IS DESIGN/BUILD. CONTRACTOR TO PROVIDE DRAWINGS AND CUT SHEETS OF ALL COMPONENTS.
5. PROVIDE AS-BUILT DRAWINGS OF IRRIGATION AFTER INSTALLATION.

ABBREVIATIONS

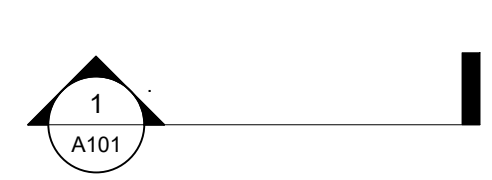
A	AD	AREA DRAIN	L	L	LENGTH
	ADJ	ADJACENT		LT	LIGHT
	AFG	ABOVE FINISHED GRADE		LP	LOW POINT
	ALT	ALTERNATE			
	ALUM	ALUMINUM			
	APPROX ARCH	APPROXIMATE ARCHITECT(URAL)			
B	BC	BOTTOM OF CURB	M	MAS	MASONRY
	BLDG	BUILDING		MATL	MATERIAL
	BLKG	BLOCKING		MAX	MAXIMUM
	BOC	BACK OF CURB		MECH	MECHANICAL
	BOT	BOTTOM		MED	MEDIUM
	BS	BOTTOM OF STAIR		MFR	MANUFACTURER
C	BW	BOTTOM OF WALL	N	MIN	MINIMUM
				MISC	MISCELLANEOUS
				MTL	METAL
D	CEM	CEMENT	O	OC	ON CENTER
	CIP	CAST IN PLACE		OD	OUTSIDE DIAMETER
	CON	CONTROL JOINT		OPNG	OPENING
	CMU	CONCRETE MASONRY UNIT		OPP	OPPOSITE
	CO	CLEANOUT			
	CCL	COLUMN			
E	CONT	CONTINUOUS	P	PB	PLANT BED
	CONC	CONCRETE		PERF	PERFORATED
	CU FT	CUBIC FEET		PNL	PANEL
				PNTD	POINT
				PSI	POUNDS/SQUARE INCH
				PT	PRESSURE TREATED
F	DD	DECK DRAIN	Q	POB	POINT OF BEGINNING
	DE	DRAIN INLET		POC	POINT OF CURVATURE
	DIA	DRAINAGE EASEMENT		PROP	PROPOSED
	DIA	DIAMETER			
	DIAG	DIAGONAL			
	DIM	DIMENSION			
G	DS	DOWN SPOUT	R	RAD	RADIUS
	DWG(S)	DRAWING(S)		REINF	REINFORC(E), (ING)
				REQD	REQUIRED
				REV	REVISION
				R.O.W	RIGHT OF WAY
H	EA	EAST	S	S	SOUTH
	EJ	EACH		SB	SETBACK
	EL	EXPANSION JOINT		SCHED	SCHEDULE, (ED)
	ELEC	ELEVATION		SF	STORM DRAIN
	EOP	ELECTRIC(AL)		SD	SQUARE FOOT, FEET
	EQU	EDGE OF PAVEMENT		SM	SIMILAR
I	EQ	EQUAL	T	SM	SQUARE
	ESMT	EQUIPMENT		SSMH	SANITARY SEWER MANHOLE
	ESW	EASEMENT		STL	STEEL
	EW	EACH WAY		STSL	STAINLESS STEEL
	EXP	EXPANSION		STD	STANDARD
	EXT	EXISTING		SUSP	SUSPENDED
J	EXT	EXTERIOR	U	SW	SIDEWALK
				SYM	SYMBOL
K	FAB	FABRIC	V	TBD	TO BE DETERMINED
	FDC	FIRE DEPT. CONNECTION		TC	TOP OF CURB
	FH	FIRE HYDRANT		THK	THICK(NESS)
	FIN	FINISH		TS	TOP OF STAIR
	FOC	FACE OF CURB		TW	TOP OF WALL
	FT	FEET		TYP	TYPICAL
L	FTG	FOOTING	W	UE	UTILITY EASEMENT
				U.N.O	UNLESS NOTED OTHERWISE
M	GA	GAUGE	W	VERT	VERTICAL
	GAL	GALLON		VIF	VERIFY IN FIELD
	GALV	GALVANIZED			
	GC	GENERAL CONTRACTOR			
	GV	GATE VALVE			
N	HDW	HARDWARE	W	W	WEST, WIDE, WIDTH
	HDWD	HARDWOOD		WI	WITH
	HORZ	HORIZONTAL		WO	WITHOUT
	HP	HIGH POINT		WD	WOOD
	HT	HEIGHT		WL	WATER LINE
				WM	WATER METER
O	ID	INSIDE DIAMETER	W	WT	WEIGHT
	INCL	INCLUDE		WWM	WELDED WIRE MESH
	INSUL	INSULATION			
	INT	INTERIOR			
	INV	INVERT			
P	JB	JUNCTION BOX	W	W	WEST, WIDE, WIDTH
	JT	JOINT		WI	WITH
				WO	WITHOUT
				WD	WOOD
				WL	WATER LINE
				WM	WATER METER
Q	KO	KNOCK OUT	W	WT	WEIGHT
				WWM	WELDED WIRE MESH

SYMBOLS

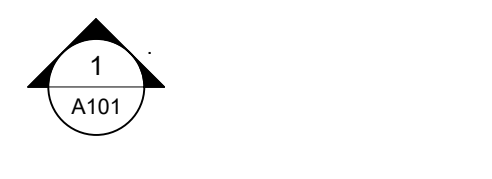
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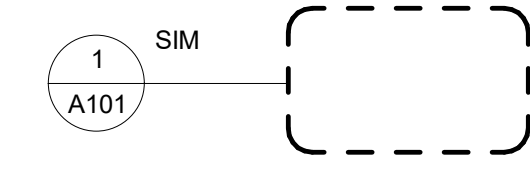
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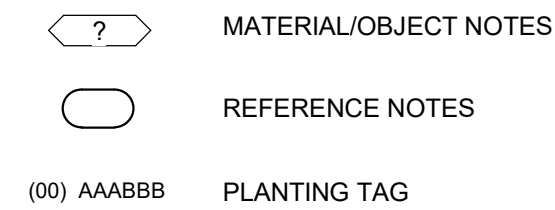
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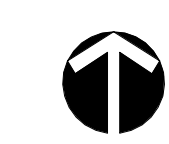
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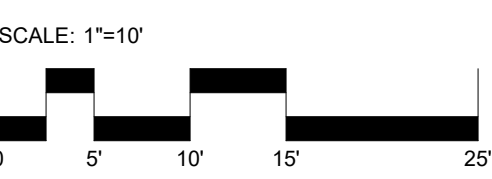
TAGS



NORTH ARROW



GRAPHIC SCALE



DATUMS

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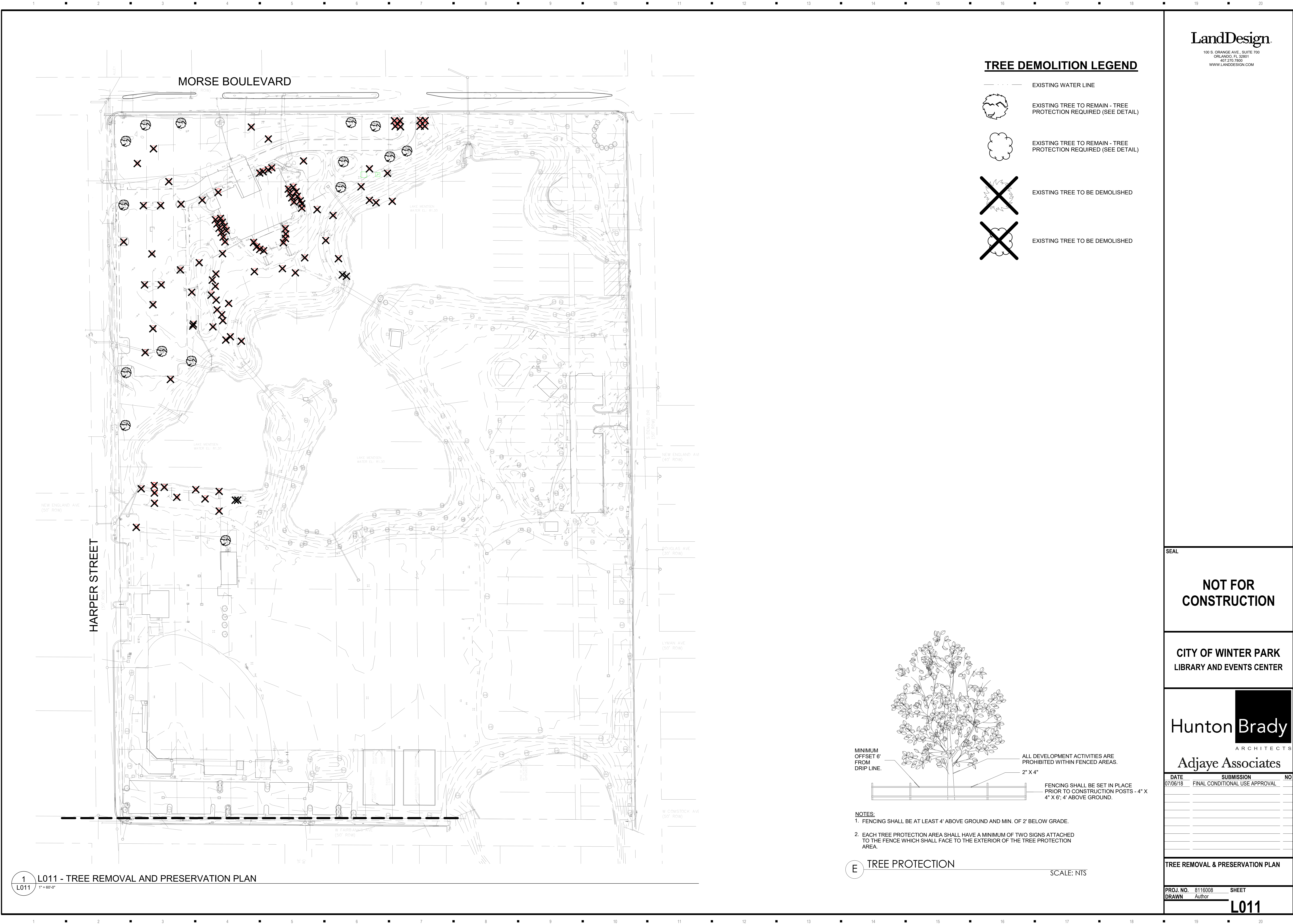
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ABBREVIATIONS, NOTES, AND SYMBOLS

PROJ. NO. 8116008 SHEET

DRAWN Author

L001



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TREE DEMOLITION LEGEND

- EXISTING WATER LINE
- EXISTING TREE TO REMAIN - TREE PROTECTION REQUIRED (SEE DETAIL)
- EXISTING TREE TO REMAIN - TREE PROTECTION REQUIRED (SEE DETAIL)
- EXISTING TREE TO BE DEMOLISHED
- EXISTING TREE TO BE DEMOLISHED

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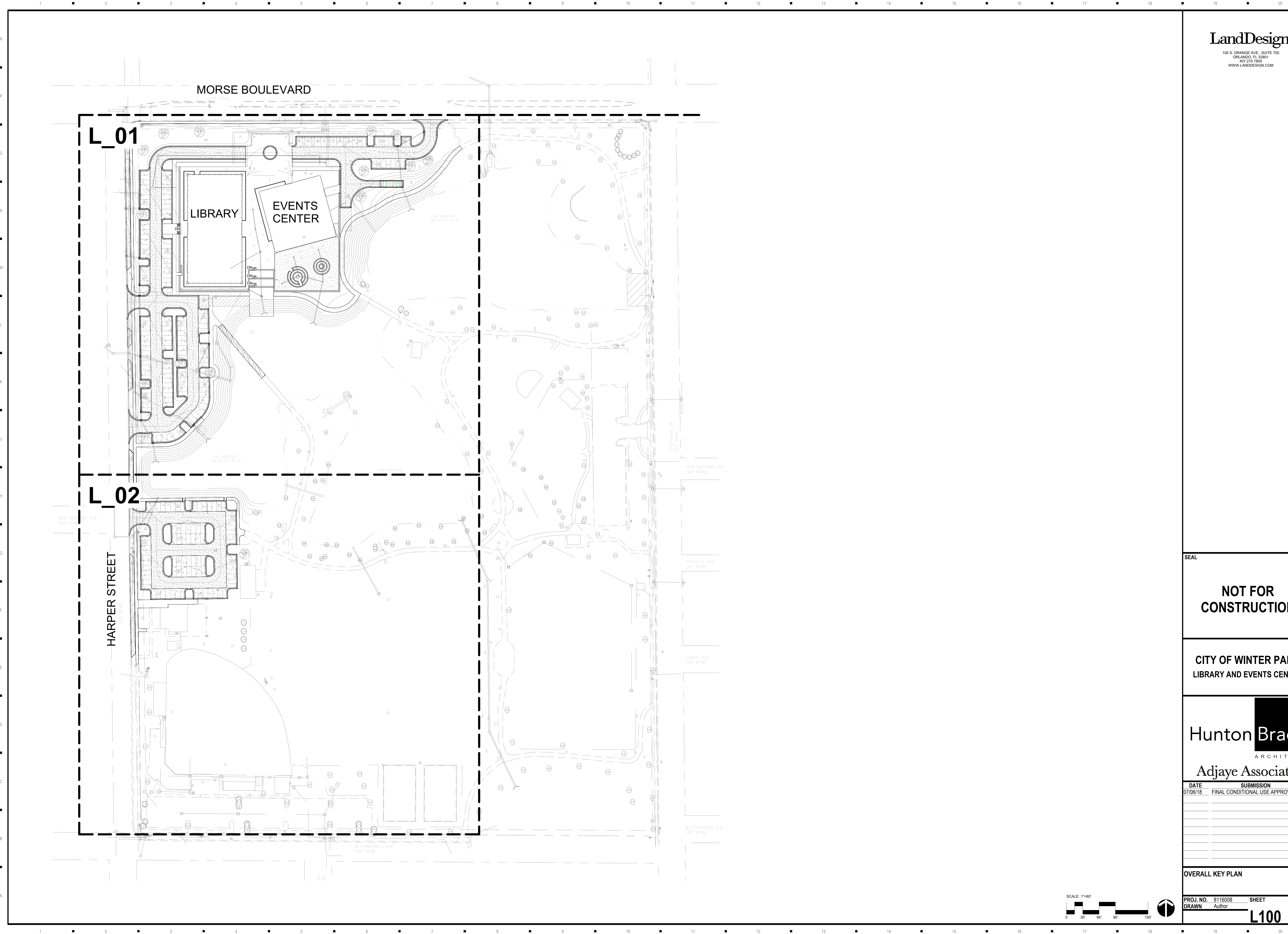
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TREE REMOVAL & PRESERVATION PLAN

PROJ. NO. 8116008 SHEET
DRAWN Author

L011



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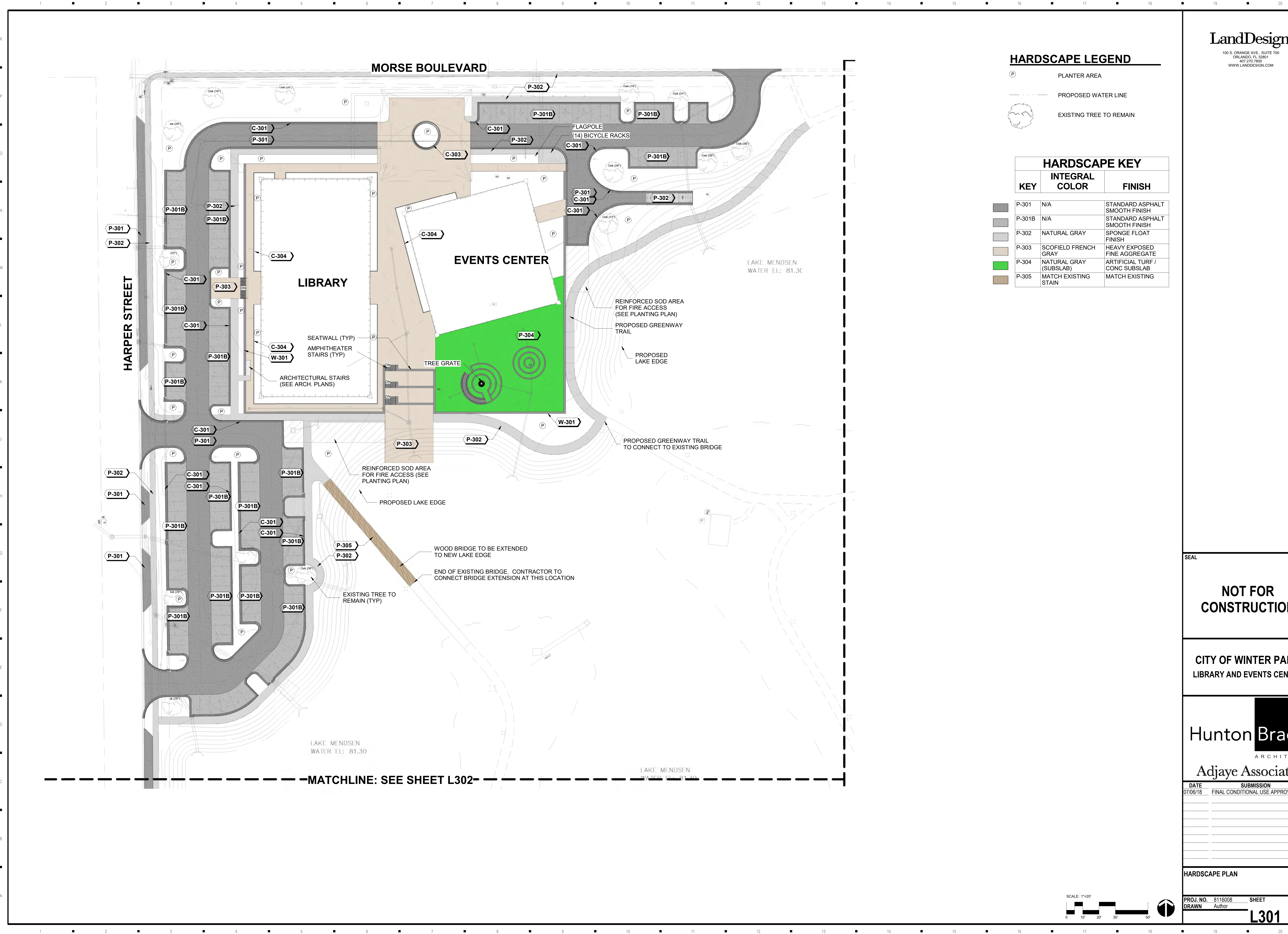
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OVERALL KEY PLAN

PROJ. NO.	8116008	SHEET
DRAWN	Author	

L100



HARDSCAPE LEGEND

- PLANTER AREA
- PROPOSED WATER LINE
- EXISTING TREE TO REMAIN

HARDSCAPE KEY

KEY	INTEGRAL COLOR	FINISH
P-301	N/A	STANDARD ASPHALT SMOOTH FINISH
P-301B	N/A	STANDARD ASPHALT SMOOTH FINISH
P-302	NATURAL GRAY	SPONGE FLOAT FINISH
P-303	SCOFIELD FRENCH GRAY	HEAVY EXPOSED FINE AGGREGATE
P-304	NATURAL GRAY (SUBSLAB)	ARTIFICIAL TURF / CONC SUBSLAB
P-305	MATCH EXISTING STAIN	MATCH EXISTING

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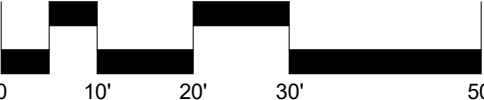
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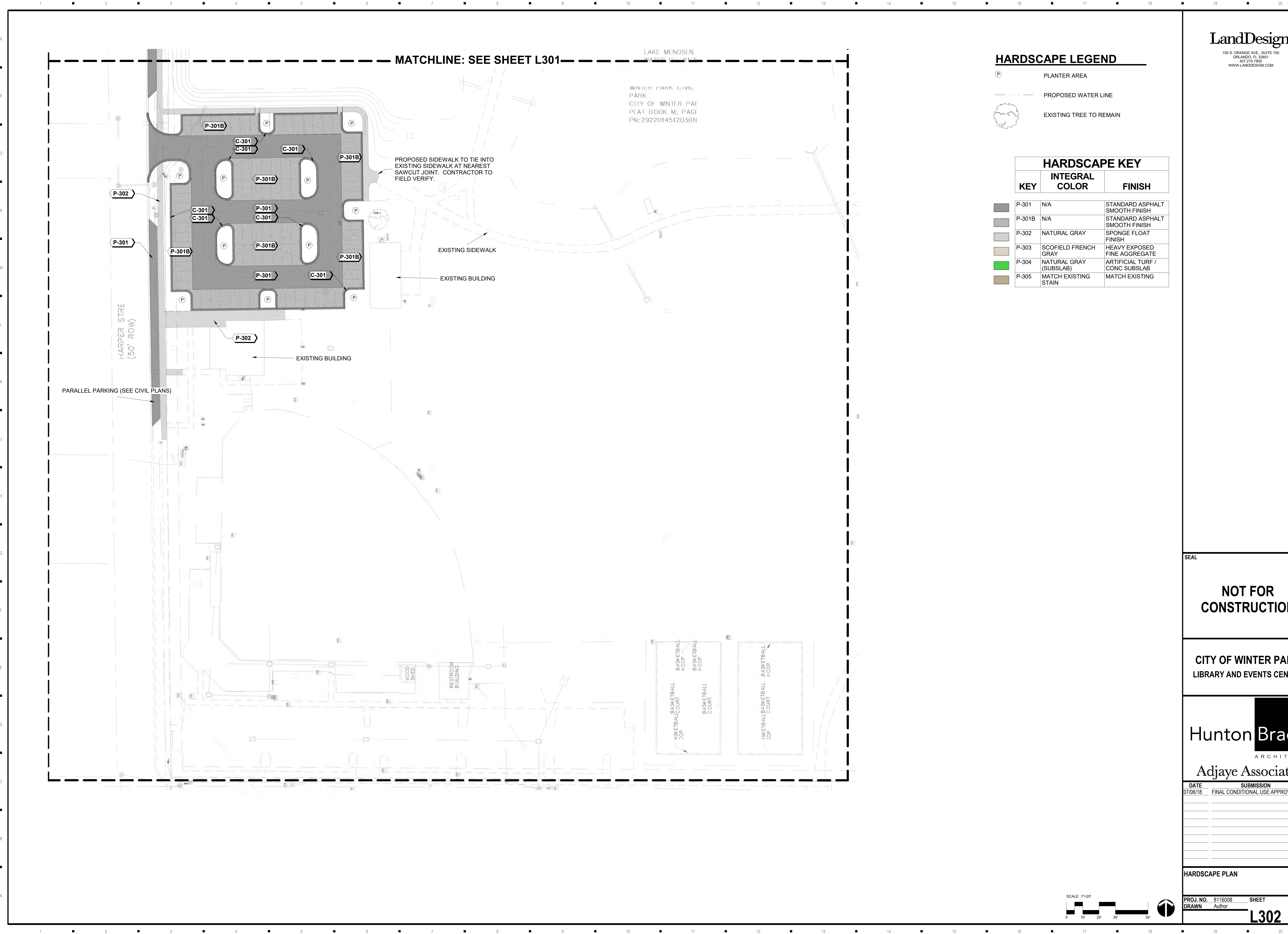
HARDSCAPE PLAN

PROJ. NO. 8116008 SHEET
DRAWN Author

L301

SCALE: 1"=20'





HARDSCAPE LEGEND

- PLANTER AREA
- PROPOSED WATER LINE
- EXISTING TREE TO REMAIN

HARDSCAPE KEY		
KEY	INTEGRAL COLOR	FINISH
P-301	N/A	STANDARD ASPHALT SMOOTH FINISH
P-301B	N/A	STANDARD ASPHALT SMOOTH FINISH
P-302	NATURAL GRAY	SPONGE FLOAT FINISH
P-303	SCOFIELD FRENCH GRAY	HEAVY EXPOSED FINE AGGREGATE
P-304	NATURAL GRAY (SUBSLAB)	ARTIFICIAL TURF / CONC SUBSLAB
P-305	MATCH EXISTING STAIN	MATCH EXISTING

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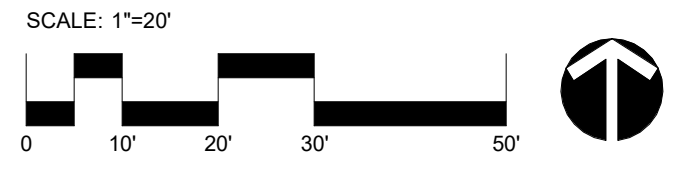
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HARDSCAPE PLAN

PROJ. NO. 8116008 SHEET
DRAWN Author
L302



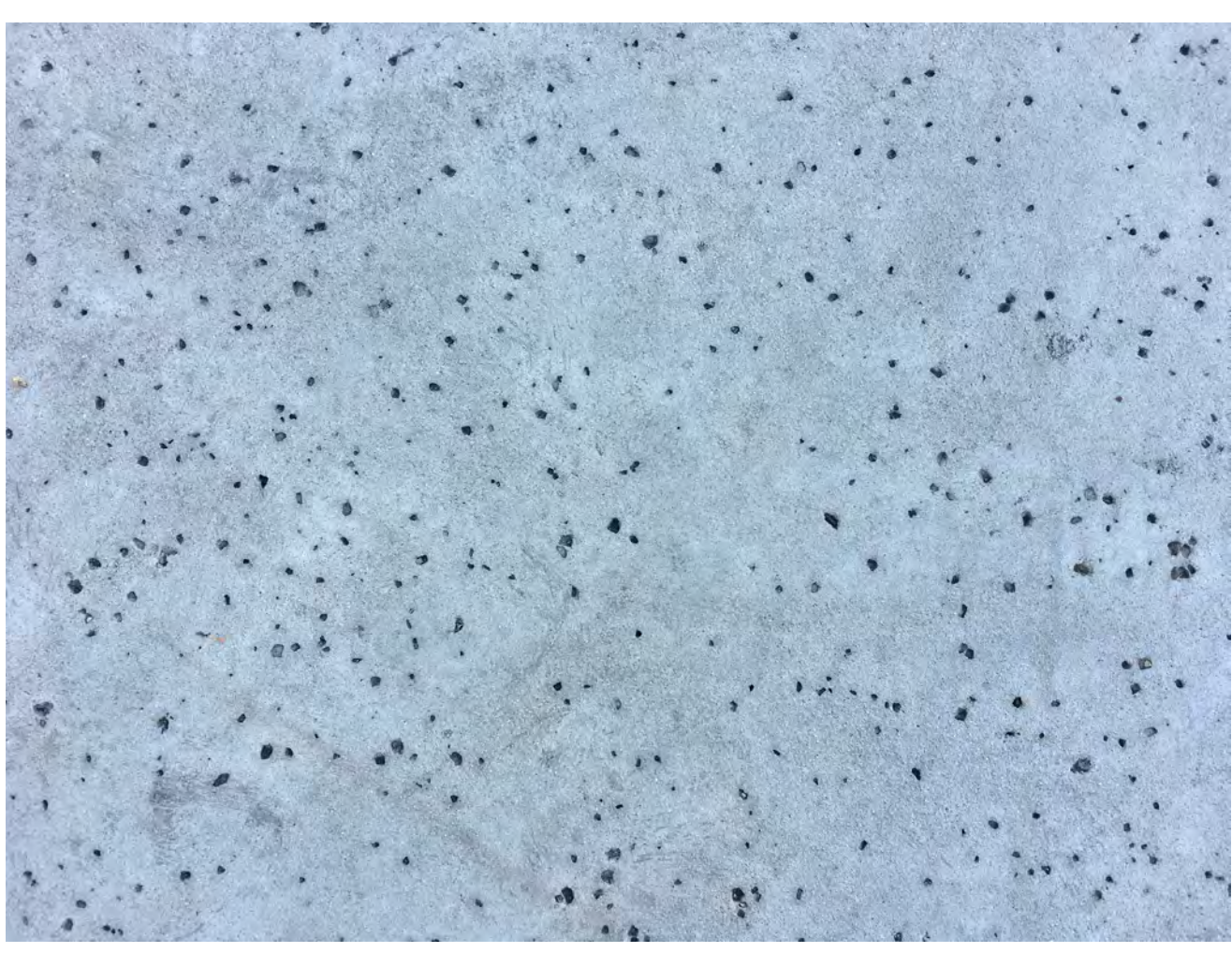
HARDSCAPE SCHEDULE						
HARDSCAPE KEY	DETAIL	Area	STRUCTURE	INTEGRAL COLOR	FINISH	LOCATION / REMARKS
P-301	XX/ L-X.XX	49714 SF	HEAVY DUTY ASPHALTIC CONCRETE	N/A	STANDARD ASPHALT SMOOTH FINISH	ROADWAY AND PARKING AREAS WITH HEAVY TRAFFIC / SEE CIVIL DETAILS
P-301B	XX/ L-X.XX	35917 SF	ASPHALTIC CONCRETE	N/A	STANDARD ASPHALT SMOOTH FINISH	PARKING STALLS WITH LIGHT TRAFFIC / SEE CIVIL DETAILS
P-302	XX/ L-X.XX	22826 SF	PIP CONCRETE	NATURAL GRAY	SPONGE FLOAT FINISH	PRIMARY FIELD CONCRETE IN PLINTH AREA / SEE DETAILS
P-303	XX/ L-X.XX	21561 SF	PIP CONCRETE	SCOFIELD FRENCH GRAY	HEAVY EXPOSED FINE AGGREGATE	PRIMARY FIELD CONCRETE IN PLINTH AREA / SEE DETAILS
P-304	XX/ L-X.XX	9538 SF	PIP CONCRETE	NATURAL GRAY (SUBSLAB)	ARTIFICIAL TURF / CONC SUBSLAB	PLAZA SPACE BEHIND EVENT CENTER / FASTENED TO 4" CONCRETE SUBSLAB PER MANUFACTURER'S RECOMMENDATIONS / SEE DETAILS
P-305	XX/ L-X.XX	1099 SF	WOOD FRAME	MATCH EXISTING STAIN	MATCH EXISTING	WOOD BRIDGE EXTENSION / SEE DETAILS

CURB / WALL SCHEDULE						
WALL KEY	DETAIL	STRUCTURE	FACE FINISH & COLOR	CAP & FINISH	SAMPLE	LOCATION / REMARKS
C-301	X/LXXX	CIP CONCRETE	SMOOTH FINISH	N/A	YES	ROADWAY AND PARKING AREAS / SEE DETAILS
C-302	X/LXXX	CIP CONCRETE	SMOOTH FINISH	N/A	YES	PARKING / DUMPSTER AREAS
C-303	X/LXXX	CIP CONCRETE	SMOOTH FINISH	N/A	YES	PORTE COCHERE AREA CURBED PLANTER / SEE DETAILS
C-304	X/LXXX	CIP CONCRETE	EXPOSED SALT / PEPPER GRANITE	N/A	YES	PLINTH AREA / EXPOSED AGGREGATE / SEE DETAILS
W-301	X/LXXX	CIP CONCRETE	BOARDFORM FINISH	N/A	YES	PERIMETER PLINTH SEAT WALL / 24" WIDE EXPOSED CONCRETE WALL / BOARDFORM FINISH / SEE DETAILS
W-302	X/LXXX	CIP CONCRETE	BOARDFORM FINISH	N/A	YES	SUNKEN SEATING AREAS / 15" WIDE EXPOSED CONCRETE WALL / BOARDFORM FINISH / SEE DETAILS

HARDSCAPE REFERENCE IMAGES



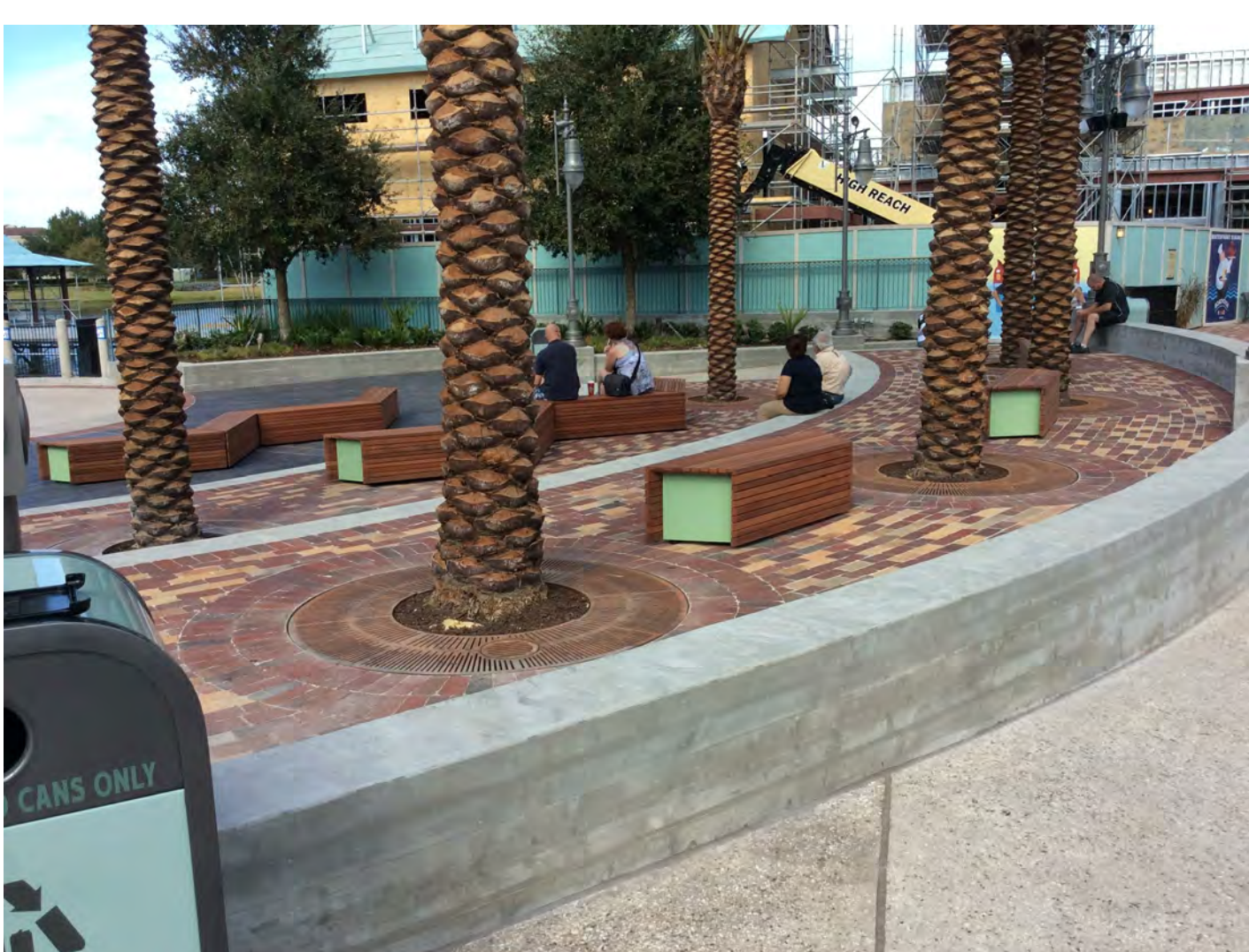
P-303



P-302



C-304



W-102



W-101



EXISTING BRIDGE TO BE EXPANDED

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HARDSCAPE SCHEDULE AND REFERENCE
IMAGES

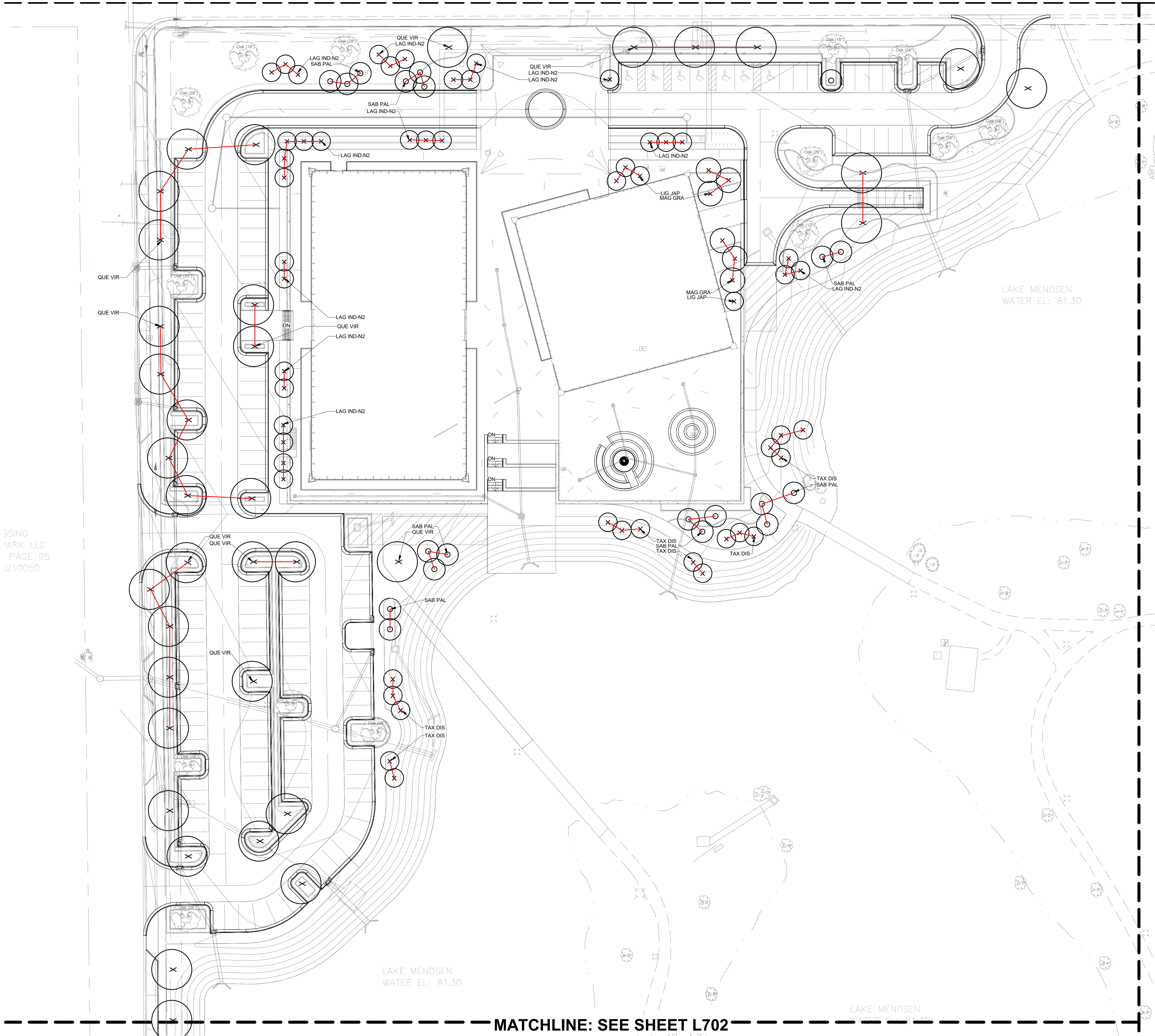
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DRAWN AMG

L390

TREE PLANTING LEGEND

- EXISTING WATER LINE
- EXISTING TREE TO REMAIN
- PROPOSED TREE

TREE KEY	
KEY	BOTANICAL NAME
LAG IND-N2	LAGERSTROEMIA INDICA 'NATCHEZ'
LIG JAP	LIGUSTRUM JAPONICUM
MAG GRA	MAGNOLIA GRANDIFLORA 'MISS CHLOE'
PHO SYL	PHOENIX SYLVESTRIS
QUE VIR-3	QUERCUS VIRGINIANA 'CATHEDRAL'
SAB PAL	SABAL PALMETTO
TAX DIS-3	TAXODIUM DISTICHUM



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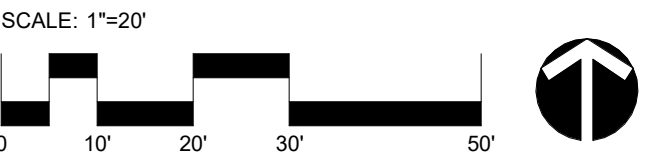
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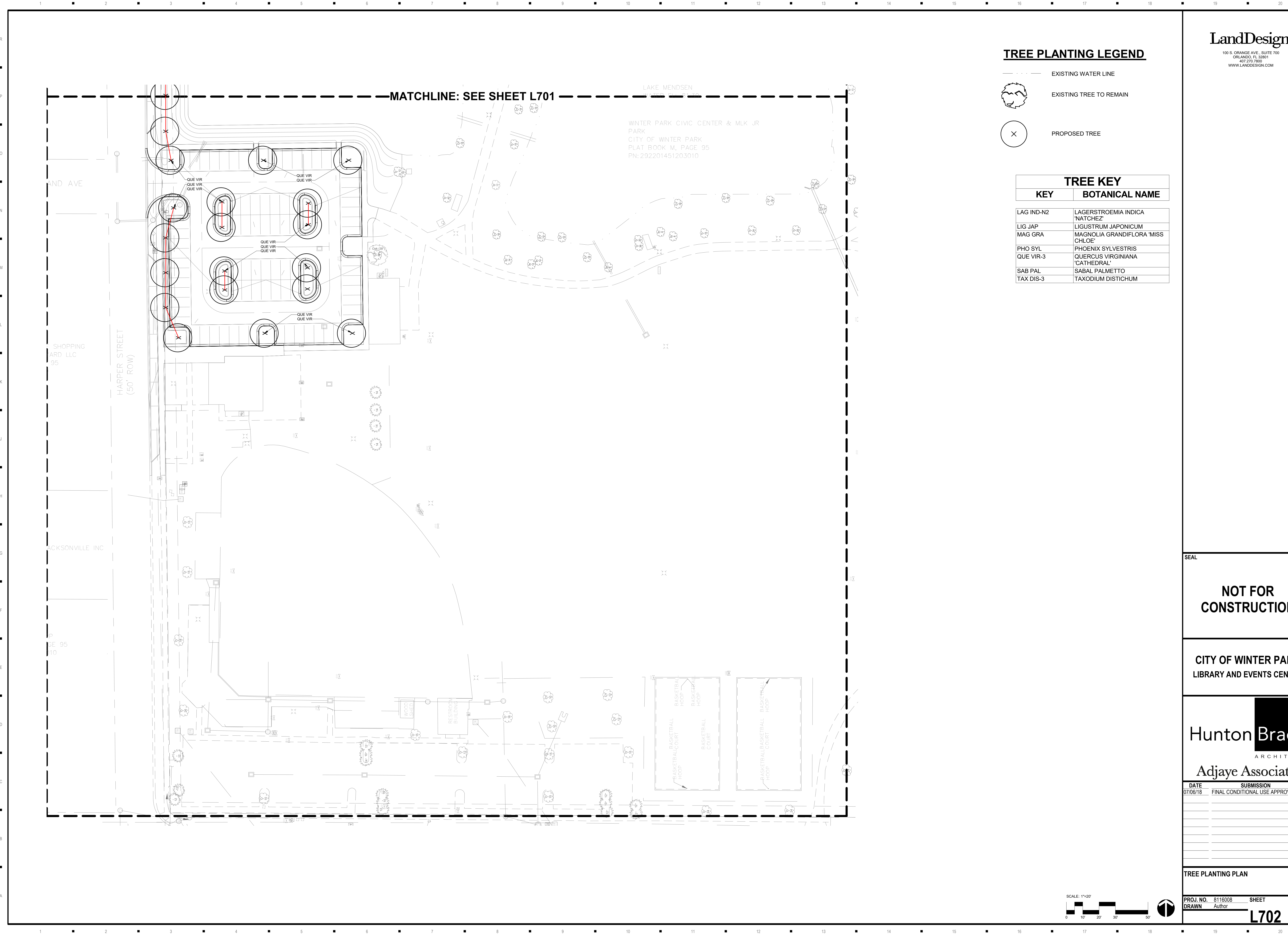
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TREE PLANTING PLAN

PROJ. NO. 8116008 SHEET
DRAWN Author L701





TREE PLANTING LEGEND

- EXISTING WATER LINE
- EXISTING TREE TO REMAIN
- PROPOSED TREE

TREE KEY	
KEY	BOTANICAL NAME
LAG IND-N2	LAGERSTROEMIA INDICA 'NATCHEZ'
LIG JAP	LIGUSTRUM JAPONICUM
MAG GRA	MAGNOLIA GRANDIFLORA 'MISS CHLOE'
PHO SYL	PHOENIX SYLVESTRIS
QUE VIR-3	QUERCUS VIRGINIANA 'CATHEDRAL'
SAB PAL	SABAL PALMETTO
TAX DIS-3	TAXODIUM DISTICHUM

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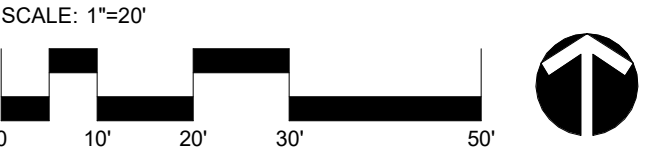
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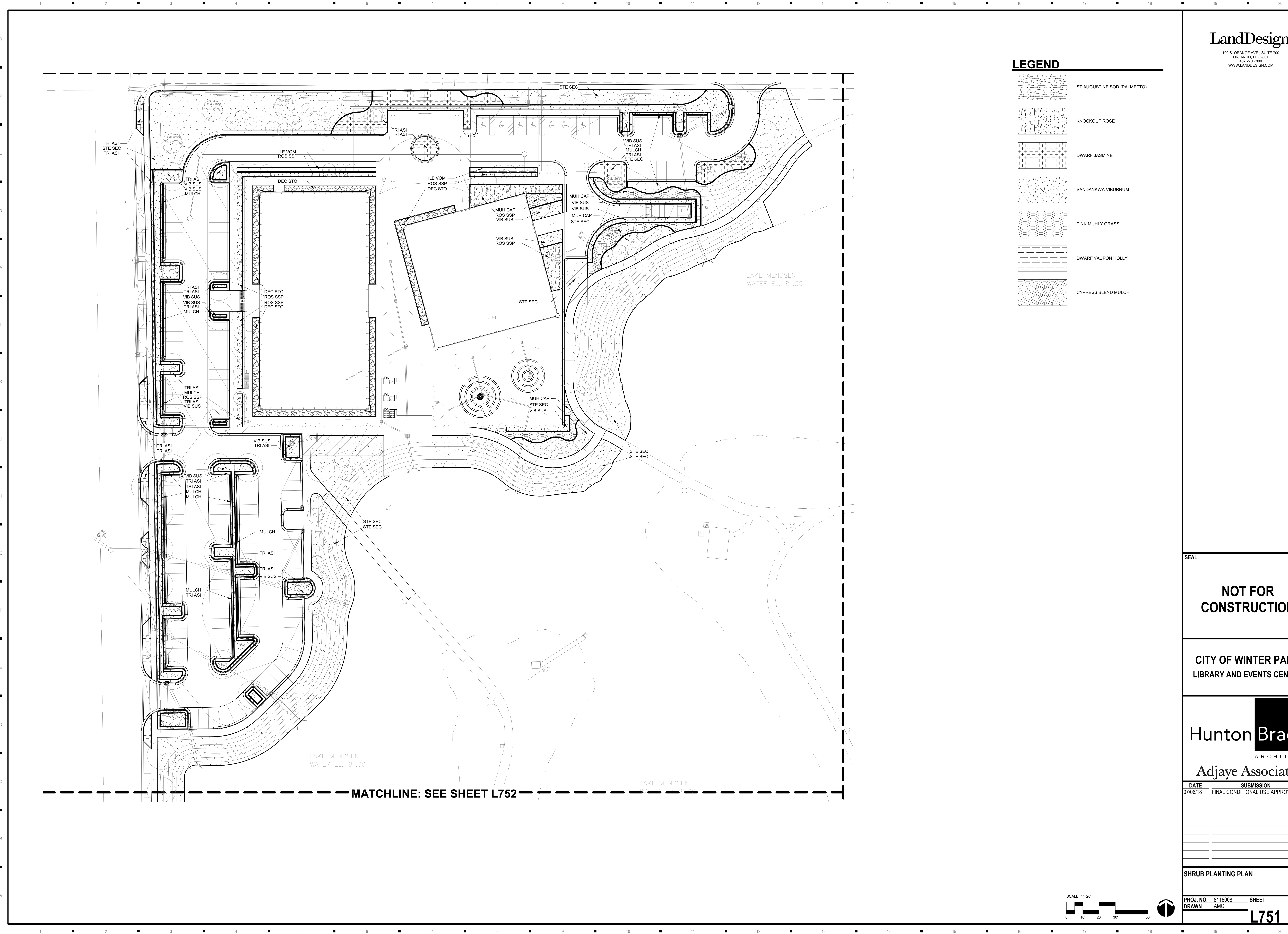
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TREE PLANTING PLAN

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LEGEND

- ST AUGUSTINE SOD (PALMETTO)
- KNOCKOUT ROSE
- DWARF JASMINE
- SANDANKWA VIBURNUM
- PINK MUHLY GRASS
- DWARF YAUPON HOLLY
- CYPRESS BLEND MULCH

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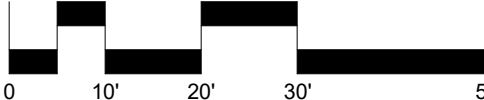
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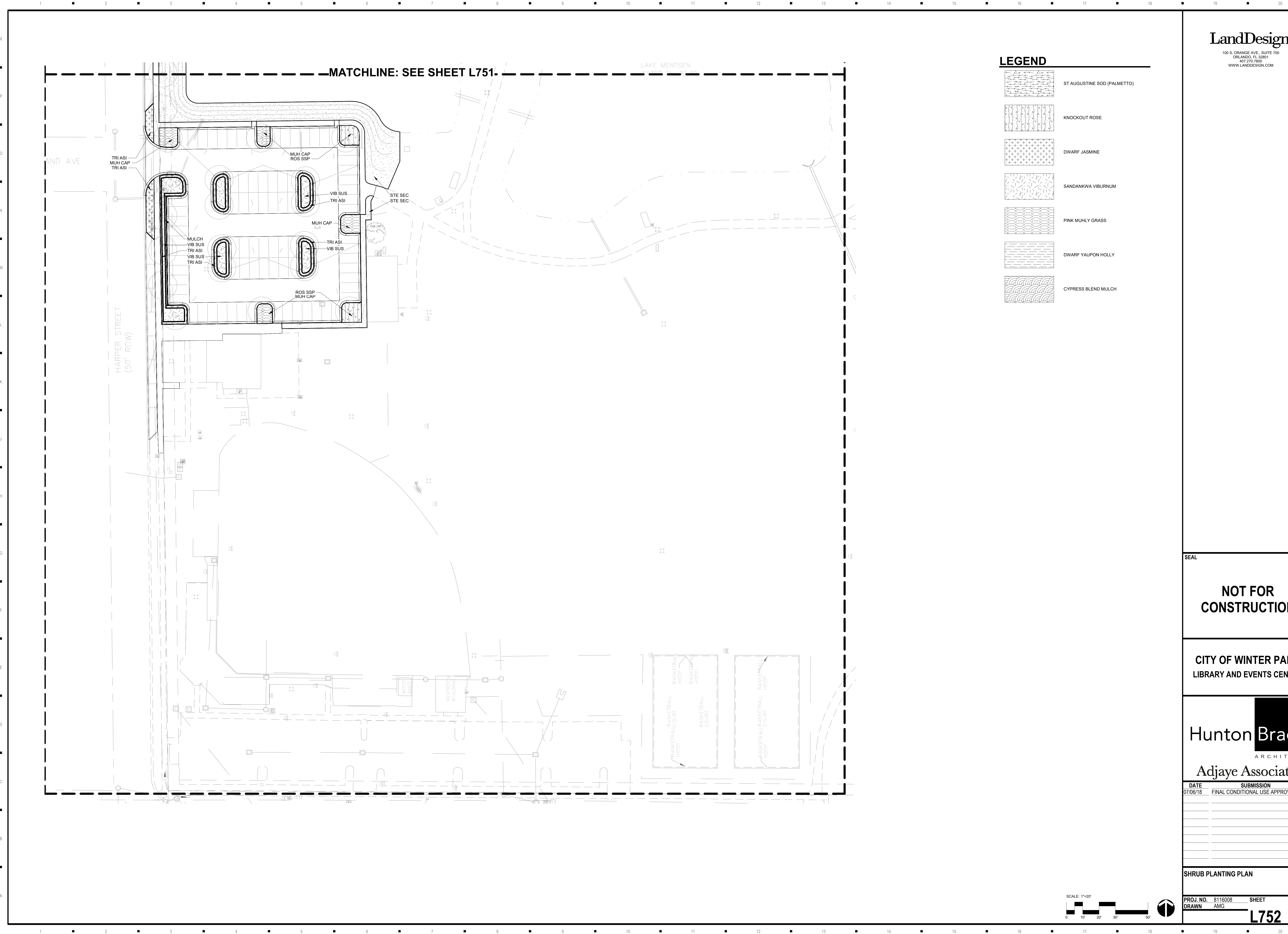
SHRUB PLANTING PLAN

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DRAWN AMG

L751

SCALE: 1"=20'





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LEGEND

- ST AUGUSTINE SOD (PALMETTO)
- KNOCKOUT ROSE
- DWARF JASMINE
- SANDANKWA VIBURNUM
- PINK MUHLIY GRASS
- DWARF YAUAPON HOLLY
- CYPRESS BLEND MULCH

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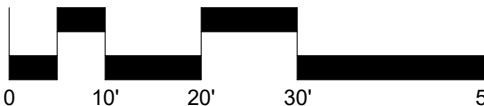
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SHRUB PLANTING PLAN

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DRAWN AMG

L752

SCALE: 1"=20'



TREE PLANTING SCHEDULE					
PLANT KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE / ROOT BALL / CONTAINER	COMMENTS
LAG IND-N2	32	LAGERSTROEMIA INDICA 'NATCHEZ'	CRAPE MYRTL	12'HT X 5'W MIN / 65 GAL MIN	FULL/MULTI-TRUNK/4 TRUNKS MIN./3" CAL. MIN.
LIG JAP	4	LIGUSTRUM JAPONICUM	TREE LIGUSTRUM	8'HT X 8'W MIN / 65 GAL MIN	FULL/MULTI-TRUNK/4 TRUNKS MIN./3" CAL. MIN.
MAG GRA	6	MAGNOLIA GRANDIFLORA 'MISS CHLOE'	SOUTHERN MAGNOLIA	16'HT X 8'W MIN / 100 GAL MIN	FULL/SINGLE STRAIGHT TRUNK /2.5" CAL. MIN./ 4" CT MIN/ FULLY BRANCHED
PHO SYL	1	PHOENIX SYLVESTRIS	SYLVESTER DATE PALM	CT VARIES (SEE PLAN)	FULL/SINGLE CLEAN STRAIGHT HEAVY TRUNK/12 FRONDS MIN./DIAMOND CUT/AVG. 10' C.T.
QUE VIR	55	QUERCUS VIRGINIANA 'CATHEDRAL'	LIVE OAK	18'HT X 12'W MIN / 200 GAL MIN	FULL/SINGLE STRAIGHT TRUNK/5-1/2" CAL. MIN./6" C.T.
SAB PAL	20	SABAL PALMETTO	SABAL PALM	CT VARIES (SEE PLAN)	RELOCATED/ FULL /SINGLE BOOTED TRUNK/12 FRONDS MIN. / SEE GUYING DETAILS
TAX DIS	17	TAXODIUM DISTICHUM	BALD CYPRESS	12'HT X 6'W MIN / 65 GAL MIN	FULL/SINGLE STRAIGHT TRUNK/4.5" CAL. MIN./FULLY BRANCHED

SHRUB / GROUNDCOVER PLANTING SCHEDULE					
PLANT KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE / ROOT BALL / CONTAINER	LOCATION / REMARKS
DEC STO		N/A	DECORATIVE STONE (1-3") GRAY	PALLETS	BUILDING EDGE BUFFER / 4" THICK MIN OVER WEED BLOCK / SEE DETAILS
ILE VOM		ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY	18" OA / 3 GAL MIN	FULL TO GROUND / PLANT 24" OC
MUH CAP		MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	20" OA / 3 GAL MIN	FULL TO GROUND / PLANT 30" OC
MULCH		N/A	CYPRESS BLEND MULCH	BAGGED OR BLOWN IN	ALL SHRUB AREAS AND 3'RADII AROUND ALL TREE PLANTING / 3" MIN DEPTH /
ROS SSP		ROSA SSP 'KNOCKOUT'	KNOCKOUT ROSE	24" OA / 3 GAL MIN	FULL TO GROUND / PLANT 24" OC
STE SEC		STENOTAPHRUM SECUNDATUM 'PALMETTO'	ST. AUGUSTINE 'PALMETTO'	PALLETS	FULL SOD FROM PALLETS
TRI ASI		TRACHELOSPERMUM ASIATICUM	DWARF JASMINE	1 GAL MIN / 12" RUNNERS MIN	FULL / PLANT 18" OC
VIB SUS		VIBURNUM SUSPENSUM	SANDANKWA VIBURNUM	28" OA / 7 GAL MIN	FULL TO GROUND / PLANT 42" OC

TREES REFERENCE IMAGES



BALD CYPRESS



LIVE OAK



LAVENDAR CRAPE MYRTL



SOUTHERN MAGNOLIA



SABAL PALM



SYLVESTER PALM



TREE LIGUSTRUM

SHRUBS REFERENCE IMAGES



DWARF YAUPON HOLLY



PINK MUHLY GRASS



SANDANKWA VIBURNUM



PERENNIAL PEANUT



DWARF ASIATIC JASMINE



KNOCKOUT ROSE

SITE LANDSCAPE REQUIREMENTS

PARKING IMPERVIOUS		85,631 SF
PARKING PERVIOUS		12,037 SF
6,422 SF MIN. REQUIRED IMPERVIOUS (7.5%)		
TOTAL SITE PERVIOUS AREA - 90,251 SF		
SOD PERVIOUS AREA		54,937 SF (61%)
PLANTING PERVIOUS AREA		35,314 SF (39%)

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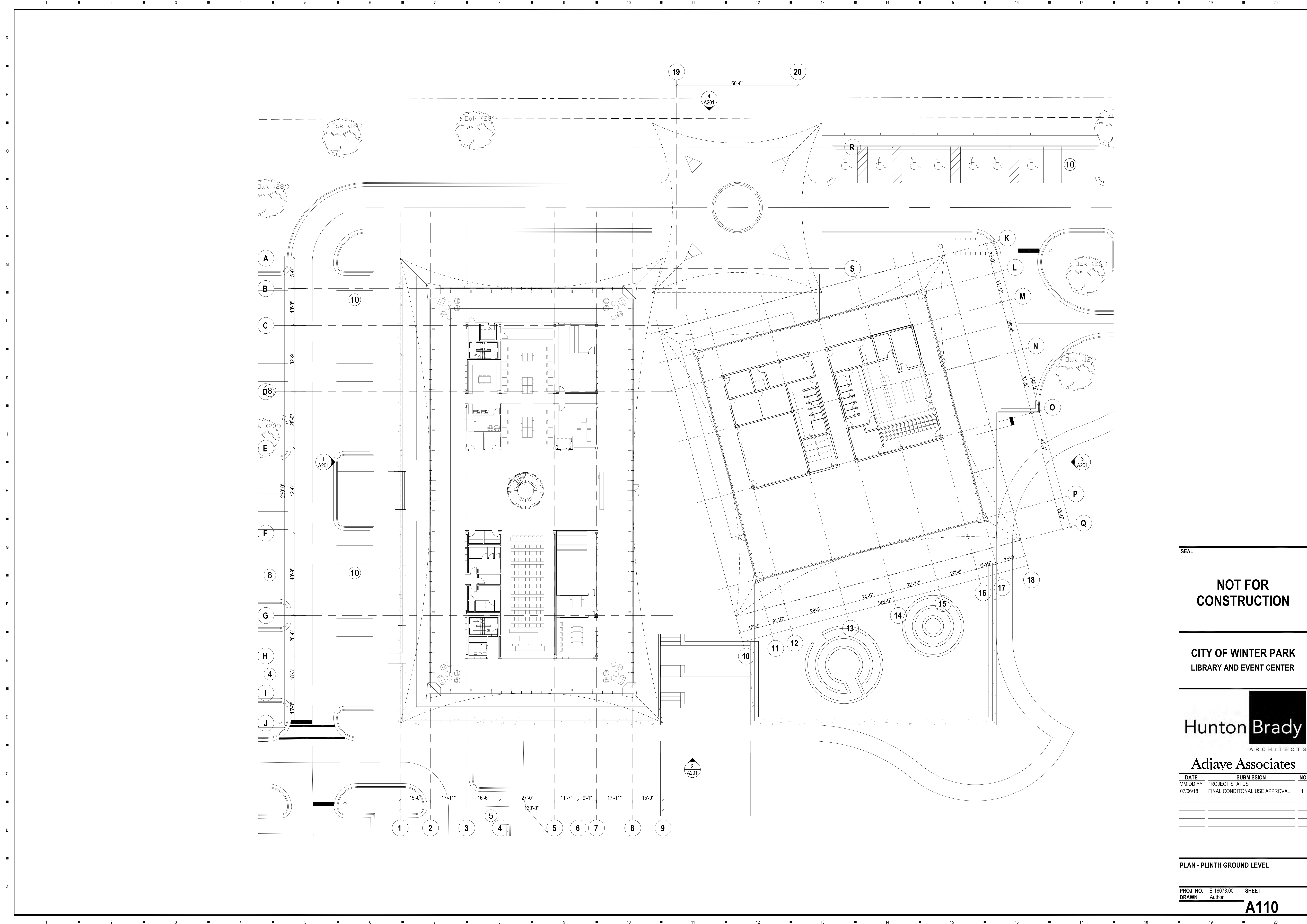
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LANDSCAPE SCHEDULE AND REFERENCE
IMAGES

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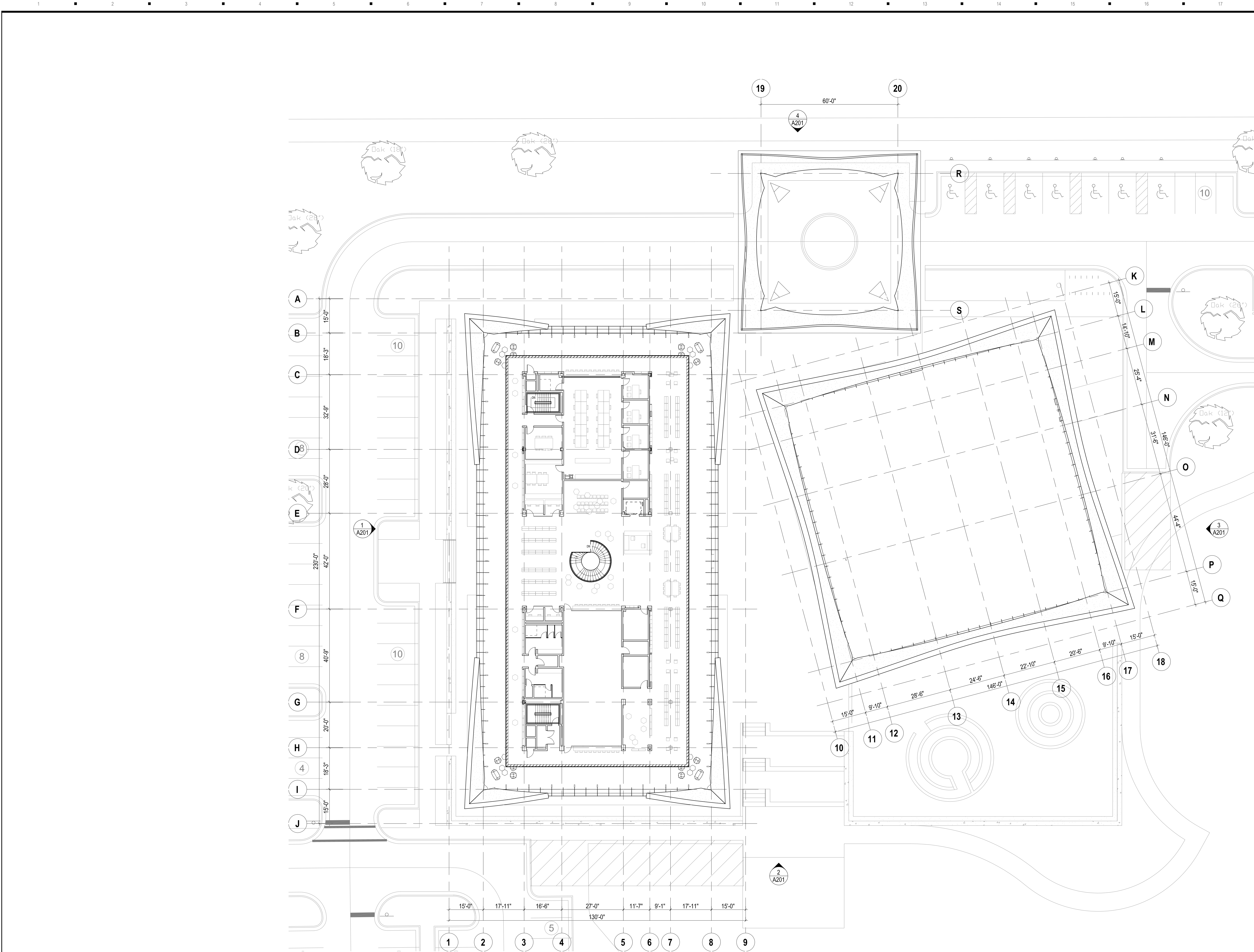
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PLAN - PLINTH GROUND LEVEL

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DRAWN	Author	

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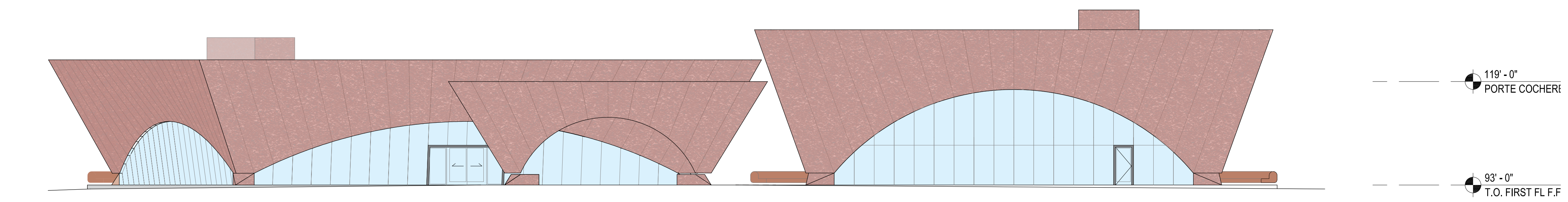
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MM.DD.YY	PROJECT STATUS	
07/06/18	FINAL CONDITIONAL USE APPROVAL	1

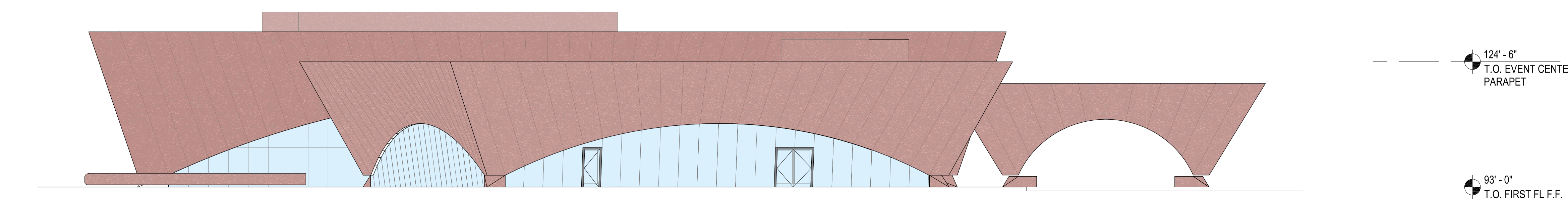
PLAN - PLINTH SECOND LEVEL

PROJ. NO. E-16078.00 SHEET
DRAWN Author

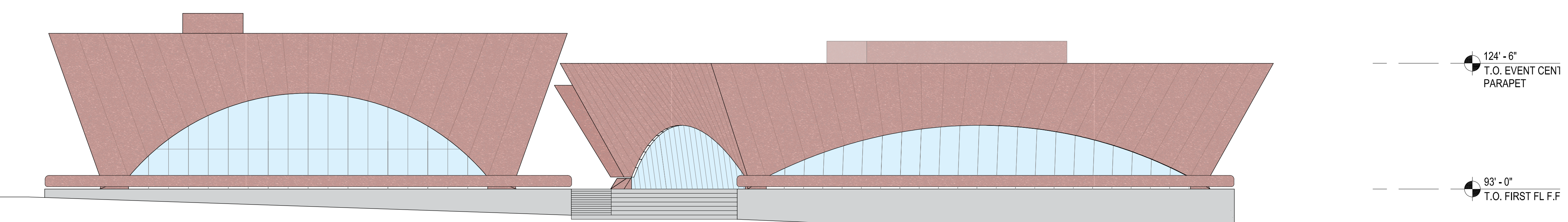
A120



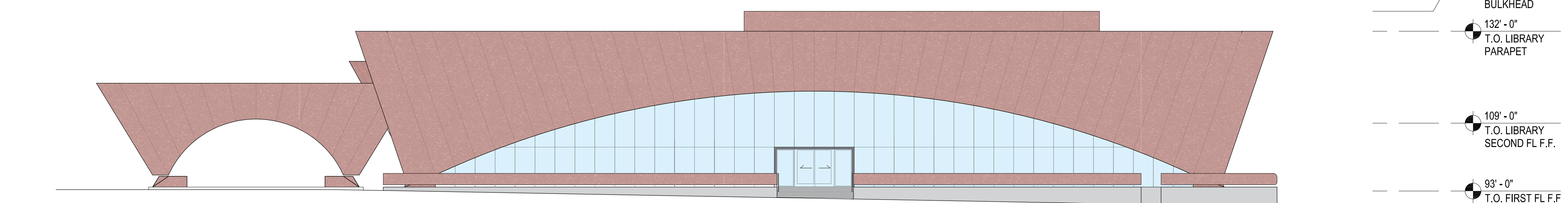
4 NORTH ELEVATION
A201 1/16" = 1'-0"



3 EAST ELEVATION
A201 1/16" = 1'-0"



2 SOUTH ELEVATION
A201 1/16" = 1'-0"



1 WEST ELEVATION
A201 1/16" = 1'-0"

SEAL

NOT FOR CONSTRUCTION

CITY OF WINTER PARK
LIBRARY AND EVENT CENTER

Hunton Brady
ARCHITECTS
Adjaye Associates

DATE	SUBMISSION	NO
MM.DD.YY	PROJECT STATUS	
07/06/18	FINAL CONDITIONAL USE APPROVAL	1

SITE ELEVATIONS - OVERALL

PROJ. NO.	E-16078.00	SHEET
DRAWN	CVB	A201



VIEW FROM NORTHEAST CORNER

VIEW FROM SOUTH

SEAL

**NOT FOR
CONSTRUCTION**

**CITY OF WINTER PARK
LIBRARY AND EVENT CENTER**

Hunton Brady
ARCHITECTS
Adjaye Associates

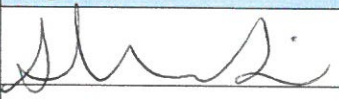
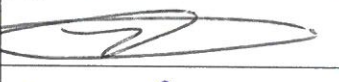
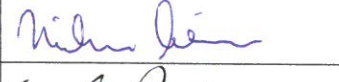

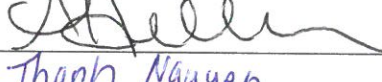
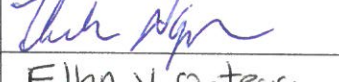

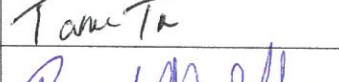




DATE	SUBMISSION	NO
MM.DD.YY	PROJECT STATUS	
07/06/18	FINAL CONDITIONAL USE APPROVAL	1

3D VIEWS

PROJ. NO.	E-16078.00	SHEET
DRAWN	CVB	A202

Petition for additional parking for Library and Event Center

Petition summary and background	The new Library and Events Center will be world-class and we look forward to its construction. There is concern, however, about the adequacy of proposed parking at this site. There is an opportunity to add an additional 36 parking spaces to the original proposal which will help meet parking needs.
Action petitioned for	We, the undersigned, are concerned business owners/tenants west of the Library and Event Center who strongly recommend the Planning and Zoning Board to act now to add the additional 36 parking spaces in the approval process for the aforementioned project. The City of Winter Park to cover all additional parking costs incurred.

Printed Name & Position	Signature	Name of Business	Address of Business	Date
Shirley Sejour Hostess		Kona Grill	110 South Orlando Ave, Ste 12 Winter Park	09/07/18
Miguel Rivas Manager		Chuy's	170 S. Orlando Ave Winter park	9/7/18
NICHOLAS ALMONTE MANAGER		PEARLE VISION	110 S ORLANDO AVE STE 11	9-7-18
Mirita Pagan		Sage Dental of Winter Park	110 S Orlando Ave Ste 10	9-7-18
	Ashley Heller Manager	Spania Day Spa	110 S Orlando Ave Ste 9	9-7-18
Thanh Nguyen (manager)		Tipsy salon bar	110- South Orlando Ave Ste 8	9-7-18
	Elba V. Ortega	Bulla Gastro bar	110 South Orlando Ave #7	9/7/18
Tam Tu		Millennium Pharmacy	110 S. Orlando Ave # 5 winter park	9/7/18
Deak McChesee Issac Saunders AGM		Fitlife Foods	110 S. Orlando Ave # winter Park	9/7/18
		The Glass Knife	276 S. Orlando Ave Winter Park FL	9/7/18
Boeco POTAP		BOECO ITALIAN GRILLE	400 SOUTH ORLANDO AVE WINTER PARK 32789	9/7-18
Jackie Rudell, Manager		CycleBak Winter park	110 S. Orlando Ave Ste. 1 Winter Park, FL 32789	9/8/18



Kim Breland

From: Peter Gottfried <petergottfried@gis1.com>
Sent: Saturday, September 8, 2018 7:16 PM
To: Kim Breland
Subject: Questions for Planning Board regarding the proposed Library/Event Center

Importance: High

Good morning, Kim. Please forward my questions/comments to the Planning Board concerning the proposed library/event center.

Dear Planning and Zoning Board members:

I wish I could be in your chamber today to speak briefly about the proposed library/event center that you will be reviewing in order to grant or deny a conditional use permit for the project. There are a number of questions that come to light after reading the staff report and reviewing the proposed plans. And I understand that LandDesign prepared many of the exhibits – a firm that one of your fellow board members, Ray Waugh, is a senior partner. Hopefully no one else on your Board has a conflict either. So my comments are directed at those with no conflicts.

First, if you don't know already, this site has serious environmental challenges, which, if you threw enough money at them, they can be solved. First is the fact that the site is a former landfill. Read the geotechnical report to get the full flavor of what is beneath the surface. Muck, trash, construction debris, etc. All has to be removed to place the building in the location pictured.

Second, Lake Mendocino already serves as a stormwater basin for a significant area extending to Paseo Apartments to the north, the office building at Denning and Morse, etc. These relatively new projects incorporated Lake Mendocino into their stormwater plans. Lake Mendocino is already over capacity. And where does staff think this extra water from the library/event center will go? Down the existing drain well into the Floridan aquifer and over to Lake Rose – the sink hole. There is only one slight problem with that solution. The surface of Lake Rose is 3 to 4 feet higher than Lake Mendocino. You don't have to be an engineer to understand that water doesn't flow up hill. I'm sure you can get some Roman slaves to power the pumps. Lake Rose is also owned by multiple owners, including the City. The other owners will need to give their approval for any stormwater project that affects their property. Just a minor detail.

Third, although the staff report states that there will be adequate surface parking for the center, I doubt that staff has taken into consideration other activities that will be occurring simultaneously with library and event center activities. These activities include Rollins softball, youth football, lacrosse, and soccer games that are held night and day. Has this plan been presented to the Parks and Recreation Board? I'm sure they will have questions also.

And Forth, will the City adhere to its own tree replacement guidelines after removing approximately 68 high quality live oak trees from the site? Check the guidelines. Private developers would have to do a lot of reforestation to replace this many trees.

Hopefully you will ask the right questions and get thorough answers. Just because this is a City project does not mean you have to rubber stamp a conditional use approval.

Sincerely,

Peter K. Gottfried, CEP, GISP
Natural Systems Analysts, Inc.

Gannett Peak Energy & Environmental Services, Inc.

407-718-3880

petergottfried@gis1.com

Kim Breland

Subject: FW: Library and Events Center - Parking Concern

From: Goretti Garcia <Goretti@petrosplanning.com>

Sent: Saturday, September 08, 2018 10:02 PM

To: Jeffrey Briggs <Jbriggs@cityofwinterpark.org>

Subject: Library and Events Center - Parking Concern

Dear Mr. Briggs,

My name is Goretti Garcia and I work with Woman's Worth. We are a tenant in the Seacoast Bank Building located in 1031 W. Morse Blvd., Winter Park. I wanted to tell you how excited we are to have the new Library and Events Center coming across the street from us! We hold many client events and having that location so close to us will be very convenient.

I also wanted to express my concern with the parking issue that has affected this area with the newest developments, Lakeside with Trader Joe's and Lakeside Crossing. I have been a tenant of this building for 13 years now, 10 of those years I was actually the Property Manager of the building (then known as BankFIRST Building). During my years as Property Manager, we would experience parking overflow during some of the events held at the Civic Center such as the Annual Chamber of Commerce Lunch and other events held on weekends. This would sometimes cause tenant complaints and extra policing of the parking lot on our part. As I am now a customer at the two developments I reference above, I see how frequently customers make use of the parking at the Civic Center. I understand that the new Library and Events Center will have 237 parking spaces. Considering the additional use to this parking lot from the neighboring shopping centers, these number of parking spaces might not be enough. Especially as events are hosted in the new Library. I feel that parking might become an issue to the guests of the Library and the overflow will come to this building affecting its regular operations. A way of preventing this would be to add a parking area from the City Property located behind the current Center.

I would appreciate it if the Planning and Zoning Board strongly consider this suggestion. Thank you, Mr. Briggs.

Sincerely,



WWW.PETROSPLANNING.COM

WWW.WOMANS-WORTH.COM

1031 W. Morse Blvd., Suite 260, Winter Park FL 32789

"It is a beautiful thing when a career and a passion come together". --Unknown

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PRN Real Estate & Investments, Ltd.

3200 S. Hiawasse Road, Suite 205
Orlando, Florida 32835
{407} 523-2323 ♦ Fax {407} 578-8323
Email: NARossman@NARossman.com
Cell No: 407-230-2536

September 8, 2018

Planning and Zoning Board
City of Winter Park

Dear Members:

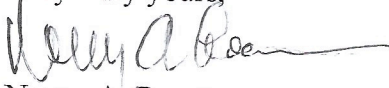
This letter is to express my support for the new Library and Events Center to be constructed on the corner of Morse Boulevard adjacent to the Martin Luther King Jr. Park. As designed, the Library and Events Center will be world-class and something the residents of Winter Park will take great pride in.

It is my understanding that there are approximately 237 parking spaces designed for the Library and Events Center which include 32 more spaces than are at the current locations.

I further understand that the City in contemplating building an additional parking lot with 36 parking spaces, on property the City owns located on the south side of the Property.

I believe additional parking on property owned by the City makes a lot of sense and will enhance the experience at the Library and Events Center.

Very truly yours,



Nancy A. Rossman

Kim Breland

From: NANCY AND TOM SHUTTS <nshutts@embarqmail.com>
Sent: Friday, September 7, 2018 3:57 PM
To: Kim Breland
Subject: nancyshutts/new event center

If there is NOT a railing on the 6 steps for the event center from the platform(amphitheater) there should be and the steps need to be shallow. Also it is NOT acceptable to approve this property with the words "option" and "exploring" for basic parking and no plan for the added needed parking IF the rooftop venue ever gets funded and approved. Please share with board. nancy shutts 2010 Brandywine Drive 407-645-2227

SASSO & SASSO, P.A.
ATTORNEYS AT LAW

MICHAEL C. SASSO *
MICHAEL A. SASSO
DAVID F. TEGELER * °

B. KATHLEEN DEVORE •
WENDY E. GORY •



1031 WEST MORSE BOULEVARD
SEACOAST BANK BUILDING, SUITE 120
WINTER PARK, FLORIDA 32789

(407) 644-7161 TELEPHONE
(407) 629-6727 FACSIMILE
MSASSO@SASSO-LAW.COM

• FLORIDA REGISTERED PARALEGAL

* BOARD CERTIFIED IN CONSTRUCTION LAW

° REGISTERED ARCHITECT

September 11, 2018

Via E-mail

Mr. Jeffrey Briggs, City Planner
Planning and Zoning Board
401 S. Park Avenue
Winter Park, Florida 32789
jbriggs@cityofwinterpark.org

Dear Mr. Briggs:

Our law firm has been a tenant at 1031 West Morse Boulevard for 15 years. We anticipate the new Library and Events Center which is to be built across the street from our office building will be a great addition to the City, but we are concerned that the proposed parking allocated for these buildings may not meet the needs of all the activities that will take place at that location.

We understand that the City has the option of adding 36 extra parking spaces to the original proposal. We strongly support the addition of these spaces to meet the patrons' parking needs of the new Library and Events Center.

Please feel free to contact me should you have any further questions.

Very truly yours,

MICHAEL A. SASSO

James T. Barnes, Jr.
1031 W. Morse Boulevard, Suite 230
Winter Park, FL 32789
407-448-2552

September 4, 2018

Planning and Zoning Board
Winter Park, FL

Dear Members,

I want to express my support for the new Library and Events Center that is to be constructed on the corner of Morse Boulevard and Harper Street adjacent to the Martin Luther King Jr. Park. The architecture and design are clearly world-class and I am sure the citizens of Winter Park will be very proud of the end result. My understanding is that approximately 237 parking spaces are contemplated to serve the needs of the new Library and Events Center. I believe that this number of parking spaces would fulfill the ordinary everyday activities at these two structures. I have been told that this is approximately 32 more spaces than are currently at the present locations of the existing Library and Civic Center.

However, when there are multiple events that would be occurring on the site, this number of parking spaces (237) would be inadequate to meet the needs of all attendees. Fortunately, there is a solution to help with this issue. With the construction of 36 additional parking spaces on the south side of the property, (which is presently the old and under-utilized Lake Island Hall) these additional spaces will help to meet the additional needs.

Since these multiple events will not be a daily occurrence, the additional 36 parking spaces would be a welcome addition to the parking needs of the athletic events and general use of the Martin Luther King Jr. Park which has had a lack of adequate parking for their events for years. The cost of these additional 36 parking spaces should be minimal vs. the benefit to the new Library and Events Center as well as the athletic and other functions in the park. Attached is a layout of the additional parking option for these 36 spaces.

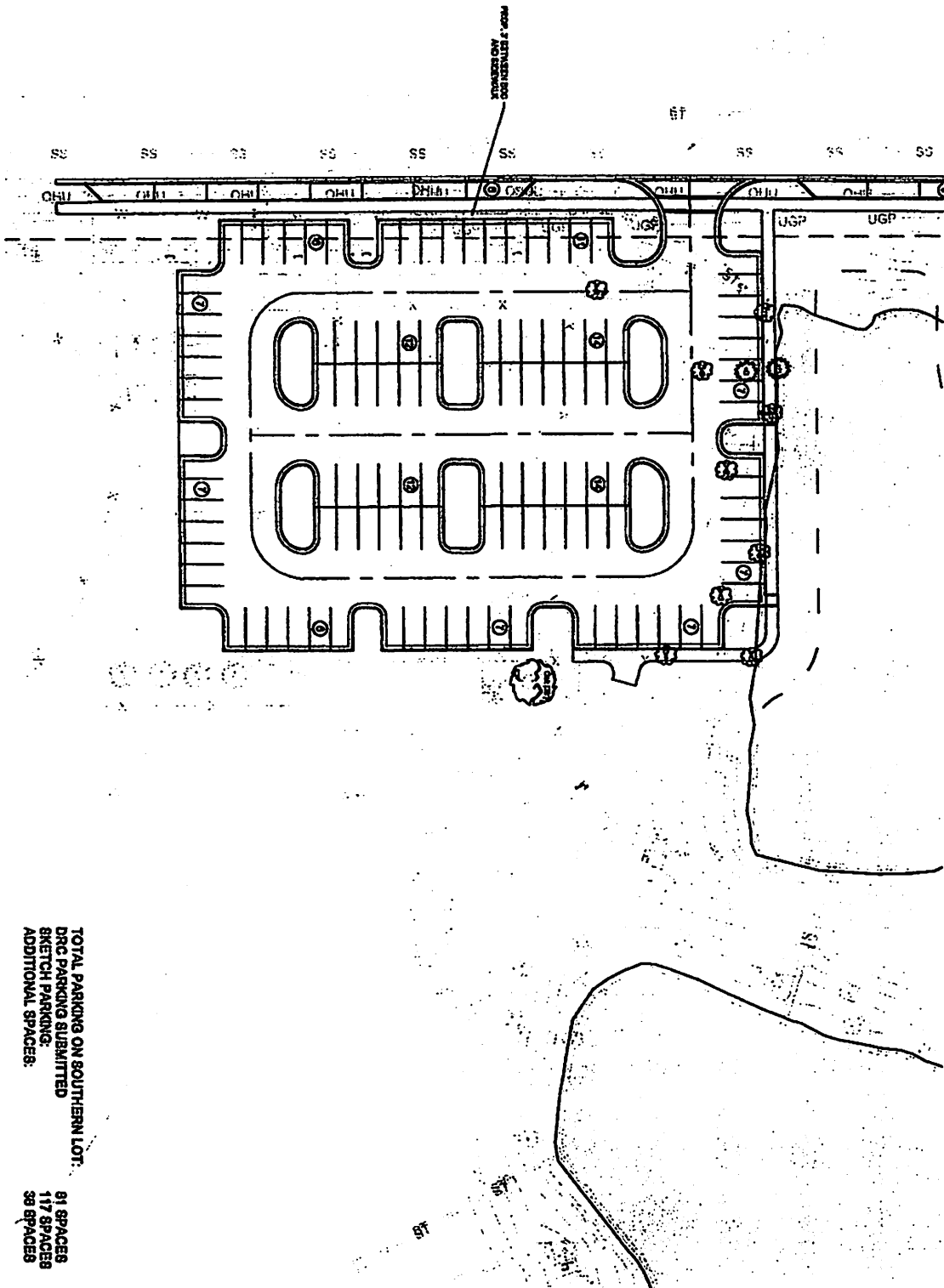
I would ask that the Planning and Zoning Board give strong consideration to the addition of 36 parking spaces and whatever feasibility study is necessary to bring this to a reality.

Thank you for your time and consideration of the above.

Very truly yours,

A handwritten signature in blue ink that reads "James T. Barnes, Jr." in a cursive style.

James T. Barnes, Jr.





city commission **agenda item**

item type	Public Hearings	meeting date	9/24/2018
prepared by	Planning / CRA	approved by	
board approval	final vote		
strategic objective			

subject

Request of Rollins College:

- To change from an Office Future Land Use designation to an Institutional Future Land Use designation and to change from Office (O-1) district zoning to Public, Quasi-Public (PQP) district zoning and for Conditional Use approval for a new parking garage of two stories/three levels on the properties at 200 East New England Avenue and 203 East Lyman Avenue. **WITHDRAWN BY THE APPLICANT**

motion / recommendation

background

alternatives / other considerations

fiscal impact



city commission **agenda item**

item type	Public Hearings	meeting date	9/24/2018
prepared by	Planning / CRA	approved by	
board approval	final vote		
strategic objective			

subject

Request of the City of Winter Park

- To modify the maximum height maps to allow a 4 story/5 level parking garage on the property at 203 East Lyman Avenue and for Conditional Use approval to construct, in partnership with Rollins College, additional levels to their parking garage up to 4 stories/5 levels. **WITHDRAWN BY THE APPLICANT**

motion / recommendation

background

alternatives / other considerations

fiscal impact



city commission agenda item

item type	Millage and Budget Public Hearings (To be held after 5:00 p.m.)	meeting date	9/24/2018
prepared by	Budget and Performance Measurement	approved by	City Manager, City Attorney
board approval	final vote		
strategic objective	Fiscal Stewardship		

subject

Ordinance - Millage Rate Adoption (2)

Ordinance adopting millage rates for the FY 2019 budget.

motion / recommendation

Approve operating millage rate at 4.0923 mills and debt service millage rate at 0.1478 for the General Obligation Bonds, Series 2011, and 0.3271 for the General Obligation Bonds (Library/Events Center), Series 2017, respectively.

background

The proposed FY 2019 General Fund budget was prepared assuming the operating millage rate would be kept at its current level of 4.0923 mills. Because property valuations increased, the proposed property tax levy represents a 6.42% increase from FY 2018. The city's tax rate has been held constant for the last 10 years and the overall combined millage rate will decrease due to the reduction in the debt service millage.

The operating millage rate of 4.0923 mills was approved by the City Commission as the tentative millage rate on July 23. All property owners received a Notice of Proposed Property Taxes from the Orange County Property Appraiser in August that was based on the proposed millage rates above. This notice also advised property owners of this first public hearing on millage rates and the budget.

The operating millage rate can be reduced below 4.0923 mills but not increased. Any reduction in projected property tax revenues would require a corresponding reduction in General Fund budget appropriations.

alternatives / other considerations

fiscal impact

No fiscal impact unless the Commission chooses to reduce the operating millage rate below 4.0923 mills. Every 0.25 of a mill generates approximately \$1.4 million in annual property tax revenue.

ATTACHMENTS:

Description

Millage Ordinance FY19

Upload Date

8/29/2018

Type

Cover Memo

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA ADOPTING A 4.0923 MILL AD VALOREM TAX LEVY UPON ALL REAL AND PERSONAL PROPERTY FOR APPROPRIATION TO THE GENERAL OPERATING EXPENSES OF THE CITY, A 0.1478 MILL VOTED DEBT SERVICE LEVY UPON ALL REAL AND PERSONAL PROPERTY FOR APPROPRIATION TO THE CITY OF WINTER PARK, FLORIDA GENERAL OBLIGATION BONDS, SERIES 2011, AND A 0.3271 MILL VOTED DEBT SERVICE LEVY UPON ALL REAL AND PERSONAL PROPERTY FOR APPROPRIATION TO THE CITY OF WINTER PARK, FLORIDA GENERAL OBLIGATION BONDS, SERIES 2017.

WHEREAS, the Legislature of the State of Florida mandated a procedure for calculating the taxable value for each taxing authority by the County Property Appraiser and provided for the calculation of rolled back millage rate, and

WHEREAS, the City of Winter Park, Florida has made the necessary rolled back millage calculation as required by law and found it to be 3.8456 mills.

WHEREAS, the citizens of Winter Park approved the issuance of \$11,000,000 General Obligation Bonds, Series 2001 at the May 16, 2000 bond referendum which were subsequently refunded by General Obligation Bonds, Series 2011.

WHEREAS, the citizens of Winter Park approved the issuance of up to \$30,000,000 General Obligation Bonds, Series 2017 at the March 15, 2016 bond referendum.

NOW, THEREFORE, BE IT ENACTED BY THE PEOPLE OF THE CITY OF WINTER PARK:

SECTION 1. That an ad valorem tax levy upon all real and personal property is hereby levied at a rate of 4.0923 mills, the same to be appropriated for the general operating expenses of the City in accordance with the budget for the fiscal year beginning October 1, 2018 and ending September 30, 2019. In addition, that an ad valorem tax levy upon all real and personal property is hereby levied at a rate of 0.1478 mills, the same to be appropriated for the City of Winter Park, Florida General Obligation Bonds, Series 2011 and that an ad valorem tax levy upon all real and personal property is hereby levied at a rate of 0.3271 mills, the same to be appropriated for the City of Winter Park, Florida General Obligation Bonds, Series 2017.

SECTION 2. The above levy to cover general operating expenses of the City is two thousand four hundred sixty-seven ten-thousandths above the rolled back millage of 3.8456 mills. Pursuant to State Statutes this levy represents a 6.42% increase in property taxes above the rolled back rate.

SECTION 3. The City Commission, after full, complete and comprehensive hearings and expressions of parties wishing to be heard, declares the tax levy to be reasonable and necessary for the immediate preservation and benefit of the public health, safety and welfare.

ADOPTED at a regular meeting of the City Commission of the City of Winter Park, held in City Hall, Winter Park, Florida this _____ day of _____, 2018.

Steve Leary, Mayor

Attest:

Cynthia S. Bonham, City Clerk



city commission agenda item

item type Millage and Budget Public Hearings (To be held after 5:00 p.m.)	meeting date 9/24/2018
prepared by Budget and Performance Measurement	approved by City Manager, City Attorney
board approval	final vote
strategic objective	Fiscal Stewardship

subject

Ordinance- Adoption of FY19 Budget (2)

Ordinance adopting the fiscal year 2019 budget.

motion / recommendation

Adopt the attached Ordinance setting forth the FY 2019 Budget and Five-year Capital Plan.

background

This is the first of two public hearings on the budget. A summary of the proposed budget is included as Schedule A. This will represent the 11th year that the City Commission has been presented with an annual budget with no change in the property tax rate to pay for city services.

The City Manager presented his proposed budget to the City Commission at the July 9, 2018 City Commission Meeting. The Commission has discussed the budget at subsequent meetings. Based on those discussions the Commission has reached consensus regarding the following changes to the proposed budget:

- a. Allocate \$10k in operating support to Blue Bamboo to provide free musical events. This will be funded through the outside organizational support funding pool which has \$28k in remaining funds.
- b. Provide up to \$33k to replace flooring at Mead Gardens. This funding will added to the Parks Major Maintenance CIP fund and may be contracted or performed in-house. This will reduce General Fund Contingency to 409k but with the Commuter Rail carve out (\$299k), total available Contingency funds will equal \$708k.

These changes have been incorporated into the proposed budget and are reflected in Schedule A (attached).

alternatives / other considerations

fiscal impact

The budget is balanced per Statute.

ATTACHMENTS:

Description	Upload Date	Type
Budget Ordinance	8/30/2018	Cover Memo
Schedule A	9/10/2018	Cover Memo
Capital Improvement Plan FY19	9/1/2018	Cover Memo

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF WINTER PARK, FLORIDA ADOPTING THE ANNUAL BUDGET FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2018 AND ENDING SEPTEMBER 30, 2019 AND ACCOMPANYING FIVE YEAR CAPITAL IMPROVEMENT PLAN; APPROPRIATING FUNDS FOR THE GENERAL FUND, DESIGNATIONS TRUST FUND, STORMWATER UTILITY FUND, COMMUNITY REDEVELOPMENT FUND, FEDERAL FORFEITURE FUND, POLICE GRANT FUND, DEBT SERVICE FUND, WATER AND SEWER FUND, ELECTRIC UTILITY FUND, FLEET MAINTENANCE FUND, EQUIPMENT REPLACEMENT FUND, EMPLOYEE INSURANCE FUND, GENERAL INSURANCE FUND, CEMETERY TRUST FUND, GENERAL CAPITAL PROJECTS FUND AND STORMWATER CAPITAL PROJECTS FUND; PROVIDING FOR MODIFICATIONS; PROVIDING FOR AMENDMENTS TO SAID ANNUAL BUDGET TO CARRY FORWARD THE FUNDING OF PURCHASE ORDERS OUTSTANDING AND UNSPENT PROJECT BUDGETS AS OF SEPTEMBER 30, 2018; AND AUTHORIZING TRANSFER OF FUNDS HEREIN APPROPRIATED BETWEEN DEPARTMENTS SO LONG AS THE TOTAL FUND APPROPRIATIONS SHALL NOT BE INCREASED THEREBY.

BE IT ENACTED BY THE PEOPLE OF THE CITY OF WINTER PARK:

SECTION 1. The annual budget of the City of Winter Park for the fiscal year beginning October 1, 2018 and ending September 30, 2019 as set forth on Schedule A attached hereto and by reference made a part hereof, is hereby adopted and approved after full, complete and comprehensive hearings and in consideration of the expressions of all parties concerned. It is hereby declared that said budget represents and presents the judgment and intent of the City Commission as to the needs and fiscal requirements of the various departments of the City government for the next ensuing twelve-month period.

SECTION 2. There are hereby expressly appropriated out of anticipated revenues and funds available for such purposes and not otherwise appropriated, the funds and monies necessary to meet the appropriations set forth in said budget. It is hereby declared that the funds available are those in excess of the amount required by law to be held by the City of Winter Park.

SECTION 3. The budget approved by this ordinance may be reviewed by the City Commission and shall be subject to modification by ordinance if the actual revenues and necessary expenditures are found to differ substantially from the estimates contained in said budget.

SECTION 4. The City Manager is hereby authorized to increase the line item appropriation in the attached budget to cover those purchase orders which shall have been issued on or prior to September 30, 2018, but not filled as of that date, and is authorized to pay for all goods or services received pursuant to such purchase orders from all the funds so appropriated. All such increases shall be appropriated to the corresponding accounts in the same funds against which they were outstanding as of September 30, 2018. The City Manager shall report to the City Commission all such purchase orders.

SECTION 5. The City Manager is hereby authorized to increase the line item appropriation in the attached budget to cover the unspent portion of project length budgets as of September 30, 2018.

The City Manager shall report to the City Commission all such project budgets carried forward from fiscal year 2018 to fiscal year 2019.

SECTION 6. The City Manager shall have the authority to transfer appropriations from one line item to another line item within a fund budget so long as the total fund appropriations shall not be increased. Appropriation transfers between funds shall require the approval of the City Commission.

SECTION 7. The accompanying five year capital improvement plan is hereby adopted as part of this ordinance and is made a part of the Comprehensive Plan, Data, Inventory and Analysis document replacing and substituting therefore any previous five year capital improvement plan. Funding for the first year of the plan is included in the annual budget. Funding for projects in years two through five is subject to the annual budgets adopted for each of those years.

ADOPTED at a regular meeting of the City Commission of the City of Winter Park, held in City Hall, Winter Park, Florida this _____ day of _____, 2018.

Steve Leary, Mayor

Attest:

Cynthia S. Bonham, City Clerk

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2019
General Fund Summary**

Schedule A

	2019 Proposed	2018 Adopted
Revenues:		
Property Taxes	\$ 22,624,661	\$ 20,932,465
Franchise Fees & Utility Taxes	7,688,707	7,669,149
Licenses & Permits	3,132,241	2,526,484
Intergovernmental	7,787,166	7,319,328
Charges for Services	8,910,710	8,079,699
Fines and Forfeitures	1,208,659	1,150,169
Miscellaneous	536,839	668,572
Transfers from Other Funds	5,371,908	5,310,140
Fund Balance	<u>326,136</u>	<u>266,000</u>
Total Revenues	\$ <u>57,587,027</u>	\$ <u>53,922,006</u>
Expenditures:		
General Administration	\$ 5,787,845	\$ 5,312,121
Planning & Development	2,668,770	2,255,824
Public Works	9,873,667	9,567,433
Police	14,746,894	14,470,520
Fire	13,339,727	12,779,475
Parks and Recreation	8,550,428	8,078,786
Organizational Support	1,554,373	1,509,100
Transfers To Other Funds	4,814,385	4,219,936
Non-Departmental	(248,000)	(238,800)
Reimbursements from Other Funds	(4,209,512)	(4,120,217)
Contingency Reserve	<u>708,450</u>	<u>87,828</u>
Total Expenditures	\$ <u>57,587,027</u>	\$ <u>53,922,006</u>
Excess of Revenues Over (Under) Expenditures	\$ <u><u>0</u></u>	\$ <u><u>0</u></u>

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
Designations Trust Fund Summary**

	2019 Proposed	2018 Adopted
	<hr/>	<hr/>
Revenues:		
Miscellaneous	\$ 108,000	\$ 108,000
Transfers from other funds	370,948	342,000
Fund Balance	\$ <u>0</u>	\$ <u>0</u>
Total Revenues	\$ 478,948	\$ 450,000
Expenditures:		
Transfers to other funds	75,000	75,000
Organizational Support	345,948	317,000
Parks & Recreation/Planning	\$ <u>58,000</u>	\$ <u>58,000</u>
Total Expenditures	\$ <u>478,948</u>	\$ <u>450,000</u>
Excess of Revenues Over (Under) Expenditures	\$ <u><u>0</u></u>	\$ <u><u>0</u></u>

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
Stormwater Utility Fund Summary**

	2019 Proposed	2018 Adopted
Revenues:		
Licenses	\$ 40,000	\$ 49,000
Charges for Services	2,583,362	2,568,533
Intergovernmental	20,000	18,000
Miscellaneous	2,000	33,900
Transfers From Other Funds	0	0
Fund Balance	<u>0</u>	<u>0</u>
Total Revenues	\$ <u>2,645,362</u>	\$ <u>2,669,433</u>
Expenditures:		
Operations	\$ 2,645,362	\$ 2,586,803
Reimbursements to Other Funds	0	0
Contingency	<u>0</u>	<u>82,630</u>
Total Expenditures	\$ <u>2,645,362</u>	\$ <u>2,669,433</u>
Excess of Revenues Over (Under) Expenditures	\$ <u><u>0</u></u>	\$ <u><u>0</u></u>

City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
Community Redevelopment (CRA) Fund Summary

	<u>2019 Proposed</u>	<u>2018 Adopted</u>
Revenues:		
Intergovernmental Revenues	\$ 2,462,513	\$ 2,196,932
Charges for Services	0	200,000
Miscellaneous	65,000	65,000
Transfers	2,455,299	2,125,167
Fund Balance	<u>0</u>	<u>0</u>
Total Revenues	\$ <u>4,982,812</u>	\$ <u>4,587,099</u>
Expenditures:		
Operating Expenses	\$ 819,859	\$ 757,395
Capital Projects	1,161,000	1,665,000
Debt Service	1,483,491	1,496,648
Organizational Support	224,000	269,900
Reimbursements To Other Funds	67,955	57,550
Transfers To Other Funds	-	-
Contingency Reserve	<u>1,226,507</u>	<u>340,606</u>
Total Expenditures	\$ <u>4,982,812</u>	\$ <u>4,587,099</u>
Excess of Revenues Over (Under) Expenditures	\$ <u><u>0</u></u>	\$ <u><u>0</u></u>

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
Police Grant Fund Summary**

	<u>2019 Proposed</u>	<u>2018 Adopted</u>
Revenues:		
Intergovernmental	\$ <u>984,921</u>	\$ <u>1,021,565</u>
Total Revenues	\$ 984,921	\$ 1,021,565
Expenditures:		
Police	\$ <u>984,921</u>	\$ <u>1,021,565</u>
Total Expenditures	\$ <u>984,921</u>	\$ <u>1,021,565</u>
Excess of Revenues Over (Under) Expenditures	\$ <u><u>0</u></u>	\$ <u><u>0</u></u>

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
Federal Forfeiture Fund Summary**

	<u>2019 Proposed</u>	<u>2018 Adopted</u>
Revenues:		
Fund Balance	\$ <u>0</u>	\$ <u>35,000</u>
Total Revenues	\$ 0	\$ 35,000
Expenditures:		
Transfers to other funds	\$ <u>0</u>	\$ <u>35,000</u>
Total Expenditures	\$ <u>0</u>	\$ <u>35,000</u>
Excess of Revenues Over (Under) Expenditures	\$ <u><u>0</u></u>	\$ <u><u>0</u></u>

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
Debt Service Fund Summary**

	2019 Proposed	2018 Adopted
	<hr/>	<hr/>
Revenues:		
Property Taxes	\$ 2,620,550	\$ 2,617,272
Special Assessments	154,000	152,000
Transfers From Other Funds	383,750	382,283
Fund Balance	<hr/> 46,125	<hr/> 45,581
Total Revenues	\$ <hr/> 3,204,425	\$ <hr/> 3,197,136
Expenditures:		
Debt Service	\$ <hr/> 3,204,425	\$ <hr/> 3,197,136
Total Expenditures	\$ <hr/> 3,204,425	\$ <hr/> 3,197,136
Excess of Revenues Over (Under) Expenditures	\$ <hr/> <hr/> 0	\$ <hr/> <hr/> 0

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
Water and Sewer Fund Summary**

	<u>2019 Proposed</u>	<u>2018 Adopted</u>
Revenues:		
Utility Fee	\$ 33,497,173	\$ 30,851,531
Miscellaneous	27,000	382,485
Fund Balance	<u>3,504,415</u>	<u>2,513,400</u>
Total Revenues	\$ <u>37,028,588</u>	\$ <u>33,747,416</u>
Expenditures:		
Operations	\$ 18,557,399	\$ 17,965,339
Debt Service	5,418,995	5,928,097
Capital Projects	7,345,815	4,292,000
Reimbursements to Other Funds	2,568,908	2,518,326
Transfers to Other Funds	2,863,871	2,773,654
Contingency Reserve	<u>273,600</u>	<u>270,000</u>
Total Expenditures	\$ <u>37,028,588</u>	\$ <u>33,747,416</u>
Excess of Revenues Over (Under) Expenditures	\$ <u><u>0</u></u>	\$ <u><u>0</u></u>

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
Electric Utility Fund Summary**

	<u>2019 Proposed</u>	<u>2018 Adopted</u>
Revenues:		
Utility Fee	\$ 48,666,163	\$ 48,653,136
Intergovernmental Revenues	0	0
Miscellaneous	(7,000)	2,000
Transfers from Other Funds	188,431	146,561
Fund Balance	0	0
	<u> </u>	<u> </u>
Total Revenues	\$ <u>48,847,594</u>	\$ <u>48,801,697</u>
Expenditures:		
Operations	\$ 4,386,153	\$ 4,053,337
Bulk Power Costs	29,863,880	30,297,298
Debt Service	5,128,230	5,026,628
Capital Projects	4,757,320	4,741,000
Transfers to Other Funds	2,860,645	2,878,604
Reimbursements to Other Funds	1,572,649	1,544,341
Contingency Reserve	<u>278,717</u>	<u>260,489</u>
Total Expenditures	\$ <u>48,847,594</u>	\$ <u>48,801,697</u>
Excess of Revenues Over (Under) Expenditures	<u>\$ 0</u>	<u>\$ 0</u>

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
Fleet Maintenance Fund Summary**

	<u>2019 Proposed</u>	<u>2018 Adopted</u>
Revenues:		
Charges for Services	\$ 1,584,924	\$ 1,528,524
Miscellaneous	0	0
Fund Balance	<u>0</u>	<u>0</u>
Total Revenues	\$ <u>1,584,924</u>	\$ <u>1,528,524</u>
Expenditures:		
Operations	\$ 1,538,953	\$ 1,528,524
Reimbursements to Other Funds	0	0
Contingency Reserve	<u>45,971</u>	<u>0</u>
Total Expenditures	\$ <u>1,584,924</u>	\$ <u>1,528,524</u>
Excess of Revenues Over (Under) Expenditures	\$ <u><u>0</u></u>	\$ <u><u>0</u></u>

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
Equipment Replacement Fund Summary**

	<u>2019 Proposed</u>	<u>2018 Adopted</u>
Revenues:		
Vehicle/Equipment Rentals	\$ 1,856,879	\$ 1,750,398
Debt Proceeds	0	0
Miscellaneous	0	0
Fund Balance	<u>0</u>	<u>0</u>
Total Revenues	\$ <u>1,856,879</u>	\$ <u>1,750,398</u>
Expenditures:		
Operations	\$ 0	\$ 0
Vehicle and Equipment Acquisitions	1,856,879	1,750,398
Debt Service	0	0
Reimbursements to Other Funds	0	0
Transfers to Other Funds	0	0
Contingency Reserve	<u>0</u>	<u>0</u>
Total Expenditures	\$ <u>1,856,879</u>	\$ <u>1,750,398</u>
Excess of Revenues Over (Under) Expenditures	<u><u>0</u></u>	<u><u>0</u></u>

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
Employee Insurance Fund Summary**

	<u>2019 Proposed</u>	<u>2018 Adopted</u>
Revenues:		
Charges To Departments	\$ 5,999,686	\$ 5,841,473
Charges To Employees	1,775,809	2,076,570
Miscellaneous	75,000	40,000
Fund Balance	<u>0</u>	<u>0</u>
Total Revenues	\$ <u>7,850,495</u>	\$ <u>7,958,043</u>
Expenditures:		
Insurance Costs	\$ 7,850,495	\$ 7,958,043
Reimbursements to Other Funds	0	0
Contingency Reserve	<u>0</u>	<u>0</u>
Total Expenditures	\$ <u>7,850,495</u>	\$ <u>7,958,043</u>
Excess of Revenues Over (Under) Expenditures	\$ <u><u>0</u></u>	\$ <u><u>0</u></u>

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
General Insurance Fund Summary**

	<u>2019 Proposed</u>	<u>2018 Adopted</u>
Revenues:		
Charges To Departments	\$ 2,517,355	\$ 2,499,795
Miscellaneous	0	5,000
Fund Balance	<u>0</u>	<u>0</u>
Total Revenues	\$ <u>2,517,355</u>	\$ <u>2,504,795</u>
Expenditures:		
Insurance Costs	\$ 2,517,355	\$ 2,504,795
Reimbursements to Other Funds	0	0
Transfers to Other Funds	0	0
Contingency	<u>0</u>	<u>0</u>
Total Expenditures	\$ <u>2,517,355</u>	\$ <u>2,504,795</u>
Excess of Revenues Over (Under) Expenditures	\$ <u><u>0</u></u>	\$ <u><u>0</u></u>

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
Cemetery Fund Summary**

	<u>2019 Proposed</u>	<u>2018 Adopted</u>
Revenues:		
Lot Sales	\$ 350,000	\$ 335,000
Miscellaneous	0	20,000
Fund Balance	<u>0</u>	<u>24,374</u>
Total Revenues	\$ <u>350,000</u>	\$ <u>379,374</u>
Expenditures:		
Transfers To Other Funds	\$ 290,588	\$ 379,374
Reimbursements to Other Funds	0	0
Contingency Reserve	<u>59,412</u>	<u>0</u>
Total Expenditures	<u>350,000</u>	<u>379,374</u>
Excess of Revenues Over (Under) Expenditures	\$ <u><u>0</u></u>	\$ <u><u>0</u></u>

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
General Capital Projects Fund Summary**

	<u>2019 Proposed</u>	<u>2018 Adopted</u>
Revenues:		
Transfers From Other Funds	\$ 2,134,153	\$ 2,055,417
Intergovernmental Revenues	0	0
Debt Proceeds	0	0
Fund Balance	<u>0</u>	<u>0</u>
Total Revenues	\$ <u>2,134,153</u>	\$ <u>2,055,417</u>
Expenditures:		
Capital Projects	\$ 2,084,153	\$ 1,985,417
Contingency Reserve	<u>50,000</u>	<u>70,000</u>
Total Expenditures	\$ <u>2,134,153</u>	\$ <u>2,055,417</u>
Excess of Revenues Over (Under) Expenditures	\$ <u><u>0</u></u>	\$ <u><u>0</u></u>

**City of Winter Park, Florida
Annual Budget for Fiscal Year 2018
Stormwater Capital Projects Fund Summary**

	<u>2019 Proposed</u>	<u>2018 Adopted</u>
Revenues:		
Stormwater Utility Fees	\$ 500,000	\$ 575,000
Intergovernmental	0	0
Fund Balance	<u>0</u>	<u>0</u>
Total Revenues	\$ <u>500,000</u>	\$ <u>575,000</u>
Expenditures:		
Capital Projects	\$ 500,000	\$ 575,000
Transfers to other funds	0	0
Contingency Reserve	<u>0</u>	<u>0</u>
Total Expenditures	\$ <u>500,000</u>	\$ <u>575,000</u>
Excess of Revenues Over (Under) Expenditures	\$ <u><u>0</u></u>	\$ <u><u>0</u></u>

**CITY OF WINTER PARK
SUMMARY OF CAPITAL PROJECTS**

Description	Funding Source	Estimated 5 Yr. Cost	Schedule of Planned CIP Expenditures					
			FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Other Long- term Needs
General Capital Projects	General Fund	14,514,193	2,830,501	2,929,926	3,117,024	3,161,815	3,266,319	-
	Tower Rental Revenues	375,000	75,000	75,000	75,000	75,000	75,000	-
	Police Forfeiture Funds	35,000	-	-	-	-	-	-
	General Fund Reserves restricted for Building Code Enforcement	65,000	-	-	-	-	-	-
	Cemetery Trust Fund	1,100,000	-	-	1,000,000	-	-	-
	Parks Bond Issue	-	-	-	-	-	-	-
	General Obligation Bonds Subject to Referendum	-	-	-	-	-	-	17,500,000
Stormwater Capital Projects	Stormwater Utility Fees	2,500,000	500,000	475,000	475,000	475,000	475,000	-
Community Redevelopment	Tax Increment Financing	5,473,761	1,161,000	1,875,648	857,113	140,000	140,000	-
Water and Sewer Fund	Water & Sewer Fees	8,774,478	1,851,538	1,753,613	1,770,769	1,830,385	1,845,000	-
	Sewer Impact Fees	5,379,391	2,576,141	2,078,250	475,000	-	-	-
	Water Impact Fees	2,081,400	531,400	625,000	475,000	-	-	-
	Prior Bond Proceeds (W&S)	2,984,253	1,984,253	-	-	-	-	-
	Water & Sewer Reserves	8,177,206	554,021	4,478,494	1,937,791	14,900	14,900	-
Electric Services Fund	Electric Service Fees	24,318,612	4,856,935	4,843,966	4,865,946	4,888,265	4,910,930	-
Totals		75,778,294	16,920,789	19,134,897	15,048,643	10,585,364	10,727,149	17,500,000

**SUMMARY OF CAPITAL PROJECTS
GENERAL CAPITAL PROJECTS**

Department	Description	Funding Source	Estimated 5 Yr. Cost	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Other Long-term Needs
Public Works	Pavement Resurfacing and Brick Road Repairs	General Fund	3,968,584	747,501	769,926	793,024	816,815	841,319	on-going
Public Works	Sidewalk, bikepath and curb repairs	General Fund	1,750,000	325,000	350,000	350,000	350,000	375,000	on-going
Public Works	Facility replacement account funding (replacement of flooring, roofing, air conditioning, painting, & other capital needs) (65% General Fund, 25% Water and Sewer Fund, and 10% Electric Fund)	General Fund	1,375,000	225,000	250,000	275,000	300,000	325,000	on-going
ITS	Information Technology Upgrades (50% General Fund, 25% Water and Sewer Fund and 25% Electric Services Fund)	General Fund	750,000	130,000	140,000	150,000	160,000	170,000	on-going
Parks	General Parks Major Maintenance	General Fund	2,033,000	393,000	380,000	400,000	420,000	440,000	on-going
Parks	Central Park Maintenance/Restroom Building	General Fund	250,000		250,000				
Parks	Dinky Dock Renovation	General Fund	200,000	200,000					
Parks	Phelps Park Playground	General Fund	170,000		170,000				
Parks	Azalea Lane Playground	General Fund	150,000	150,000					
Parks	Athletic Field and Tennis Center Lighting	General Fund	625,000	125,000	125,000	125,000	125,000	125,000	
		Tower Rental Revenues	375,000	75,000	75,000	75,000	75,000	75,000	
Parks	Pavilion Replacement (Ward (2) and Phelps)	General Fund	134,000			134,000			
Parks	Golf Course Improvement	General Fund	90,000	90,000					
Parks	Lake Baldwin Park Improvements	General Fund	350,000			350,000			
Parks	MLK Park Improvements	General Fund	900,000				450,000	450,000	
Parks	Columbarium Section Palm Cemetery	Cemetery Trust Fund	1,000,000			1,000,000			
Public Works	Bicycle & Pedestrian Improvements	General Fund	375,000	75,000	75,000	75,000	75,000	75,000	on-going
Public Works	Signalization Upgrades	General Fund	325,000	65,000	65,000	65,000	65,000	65,000	on-going
Public Works	Ravaudage Infrastructure Reimbursement	General Fund	910,000	130,000	180,000	200,000	200,000	200,000	

**SUMMARY OF CAPITAL PROJECTS
GENERAL CAPITAL PROJECTS**

Department	Description	Funding Source	Estimated 5 Yr. Cost	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Other Long-term Needs
Fire	Fire Safety & Equipment Fund	General Fund	950,000	175,000	175,000	200,000	200,000	200,000	
General	Construct new City Hall (50,000 square feet)	General Obligation Bonds - Subject to Referendum	-						12,500,000
General	City Hall Parking Garage (250 spaces at \$20,000 per space)	General Obligation Bonds - Subject to Referendum	-						5,000,000
General	Acquisition of the Post Office Property	TBD	-						TBD
Totals			16,680,584	2,905,501	3,004,926	4,192,024	3,236,815	3,341,319	17,500,000

Totals by Funding Source:

	5 Yr. Cost	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Other Long-term Needs
General Fund	15,305,584	2,830,501	2,929,926	3,117,024	3,161,815	3,266,319	-
Tower Rental Revenues	375,000	75,000	75,000	75,000	75,000	75,000	-
Police Forfeiture Funds	-	-	-	-	-	-	-
General Fund Reserves restricted for Building Code Enforcement	-	-	-	-	-	-	-
Cemetery Trust Fund	1,000,000	-	-	1,000,000	-	-	-
Equipment Replacement Fund	-	-	-	-	-	-	-
Parks Bond Issue	-	-	-	-	-	-	-
General Obligation Bonds - Subject to Referendum	-	-	-	-	-	-	17,500,000
	16,680,584	2,905,501	3,004,926	4,192,024	3,236,815	3,341,319	17,500,000

**CITY OF WINTER PARK
CAPITAL IMPROVEMENT PLAN
Fiscal Year 2018-2019**

Function	Project	Project Description	Primary Funding Source	Amount	Impact on Operating Budgets
Public Works	Pavement Resurfacing	The City's pavement resurfacing program calls for the resurfacing of eight to nine miles of streets in the upcoming fiscal year. A pavement condition assessment identifies those streets in most need of resurfacing to prevent degradation of the road base.	Local option gas tax revenues	\$ 747,501	Investments in routine road repaving reduces the annual costs of road repairs.
Public Works	Sidewalk, Bikepath & Curb Repairs	Replacement of sidewalks, bikepaths and curbing where necessary for public safety	Local option gas tax revenues	\$ 325,000	No additional impact on operating budget
Public Works	Facility Replacement Account	This account will accumulate funds for the replacement of roofs, air conditioning, paint and flooring and other major capital expenditures for City's facilities.	General Fund - \$175,000 and Water and Sewer Fund - \$58,333	\$ 346,153	No additional impact on operating budget
Information Technology	Information Technology Upgrades	Upgrades to computers, networks, servers and phone systems. Also contains funding to continue the City facilities underground fiber network.	General Fund - \$100,000, Water & Sewer Fund - \$50,000 and Electric Services Fund - \$50,000	\$ 260,000	No additional impact on operating budget
Parks	Major Parks Maintenance Items	This funding is set aside for needed Parks Department capital equipment and facility maintenance and repairs.	General Fund	\$ 393,000	No additional impact on operating budget
Parks	Athletic Field & Tennis Court Lighting	Multi-year lighting enhancement project at the city's athletic venues. Includes replacement of worn poles and fixtures.	General Fund - \$125,000; Cell Tower Revenues - \$75,000	\$ 200,000	No additional impact on operating budget. Reduces maintenance on existing aging lighting stock.
Parks	Dinky Dock Renovation	The dock is in need of repair and the site needs some improvements. Funding will reorient parking, install a picnic pavilion, repair the dock, and landscape and re-sign this important historical community asset.	General Fund	\$ 200,000	No additional impact on operating budget

**CITY OF WINTER PARK
CAPITAL IMPROVEMENT PLAN
Fiscal Year 2018-2019**

Function	Project	Project Description	Primary Funding Source	Amount	Impact on Operating Budgets
Parks	Azalea Lane Playground	The playground equipment at Azalea Lane Tennis Center is overdue for replacement and has been added to the CIP in FY 19 to be completed in close conjunction with the other facility improvements currently happening at the site.	General Fund	\$ 150,000	No additional impact on operating budget
Parks	Golf Course Improvements	Course enhancements including foliage and tree improvements, some expansions of greens, and shaping work.	General Fund	\$ 90,000	No additional impact on operating budget
Public Works	Bicycle/Pedestrian Plan Improvements	Funding for this project will be used to create and promote a viable and safe pedestrian and bicycle-friendly infrastructure and promote these modes of transportation throughout the city.	General Fund	\$ 75,000	No additional impact on operating budget
Public Works	Pedestrian & Traffic Signal Upgrades	This project is part of a multi year plan to upgrade antiquated traffic signals and improve the safety of pedestrians crossing intersections.	General Fund	\$ 65,000	No additional impact on operating budget
Public Works	Ravaudage Infrastructure Reimbursement	Provides funding estimate for the reimbursement of developer built city roads in the Ravaudage redevelopment area.	General Fund (paid from permit and tax revenues received by the development.)	\$ 130,000	The city will ultimately take over the maintenance of these roads however the reimbursement does not effect the city's obligation to do so.
Fire	Fire Safety Equipment Replacement Fund - Lifepak replacement	This fund will allow the Fire Department to create a funding pool for replacement of crucial life-saving equipment. In FY19 and 20, funds will be saved to replace the aging 11 Lifepak units.	General Fund	\$ 175,000	No additional impact on operating budget

**CITY OF WINTER PARK
SUMMARY OF CAPITAL PROJECTS
STORMWATER CAPITAL PROJECTS FUND**

Department	Description	Funding Source	Estimated 5 Yr. Cost	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Public Works	Drainage Improvements - Most of the City's stormwater sewer infrastructure is over fifty years old. Some of these older systems do not meet the City's current drainage standards and in many cases are experiencing pipe material failures. Groundwater seepage into the stormwater sewer system is considered an illicit discharge carrying sediments to the City's lakes compromising water quality.	Stormwater Fees	610,000	150,000	125,000	125,000	105,000	105,000
Public Works	Stormwater Education Signage Program	Stormwater Fees	40,000				20,000	20,000
Public Works	Howell Branch Wetland Project						300,000	
Public Works	Stormwater Infrastructure Rehabilitation & Replacement	Stormwater Fees	1,150,000	350,000	350,000	350,000	50,000	50,000
Public Works	Regional Pond Facilities	Stormwater Fees	300,000					300,000
Totals			2,100,000	500,000	475,000	475,000	475,000	475,000

Note: The stormwater capital improvement plan has been approved by the Lakes and Waterways Board.

**CITY OF WINTER PARK
CAPITAL IMPROVEMENT PLAN - Stormwater Fund
Fiscal Year 2018-2019**

Function	Project	Project Description	Primary Funding Source	Amount	Impact on Operating Budgets
Public Works	Stormwater drainage improvements	Rainfall events within recent years have produced increased intensities which have exceeded the capacity of the storm sewer infrastructure and as result the City has been experiencing localized flooding in areas that have not been prone to flooding in the past.	Stormwater utility fee	\$ 150,000	No additional impact on operating budget
Public Works	Stormwater Infrastructure Rehabilitation & Replacement	Most of the City's stormwater infrastructure is over sixty years old. Groundwater seepage into the stormwater system can compromise the water quality in the City's lakes.	Stormwater utility fee	\$ 350,000	No additional impact on operating budget

**CITY OF WINTER PARK
SUMMARY OF CAPITAL PROJECTS
COMMUNITY REDEVELOPMENT AGENCY FUND**

Current Adopted CIP

Department	Description	Funding Source	Estimated 5 Yr. Cost	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
CRA	Small Scale CIP Improvements	TIF	200,000	40,000	40,000	40,000	40,000	40,000
CRA	CRA Infrastructure Improvements	TIF	500,000	100,000	100,000	100,000	100,000	100,000
CRA	Trees & Decorative Lights	TIF	271,000	271,000				
CRA	17-92 / PD&E Streetscape	TIF	3,202,761	750,000	1,735,648	717,113	-	-
Totals			4,173,761	1,161,000	1,875,648	857,113	140,000	140,000

Totals by Funding Source:

Tax Increment Financing (TIF)	4,173,761	1,161,000	1,875,648	857,113	140,000	140,000
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**CITY OF WINTER PARK
CAPITAL IMPROVEMENT PLAN
Fiscal Year 2018-2019**

Function	Project	Project Description	Primary Funding Source	Amount	Impact on Operating Budgets
CRA	17-92 PD&E Streetscape Improvements	This project covers improvements all along the 17-92 corridor including the intersections of Fairbanks, Morse, and Webster Ave. Project will include improvements to landscape, lighting, curbing, and other hardscape enhancements.	Tax Increment Financing	\$ 750,000	This project is a one time expenditure and should not impact ongoing operational costs.
CRA	Small Scale CRA Improvements	Purpose of this fund is to include minor project expenditures that may be incurred throughout the year such as SunRail weekend ridership, district enhancements, or other small scale projects.	Tax Increment Financing	\$ 40,000	These projects would be one time expenditures and should not impact ongoing operational costs.
CRA	CRA Infrastructure Improvements	This fund will provide for infrastructure improvement needs that enhance the CRA district and are in accordance with the adopted plan.	Tax Increment Financing	\$ 100,000	These projects would be one time expenditures and should not impact ongoing operational costs.
CRA	Decorative Lighting & Trees	This project provides funding for decorative lighting and to improve the tree canopy as the Electric Utility completes the bulk of its undergrounding efforts in the CRA.	Tax Increment Financing	\$ 271,000	Tree trimming costs will be handled within the Urban Forestry budget.

**CITY OF WINTER PARK
SUMMARY OF CAPITAL PROJECTS
WATER AND WASTEWATER FUND**

Department	Description	Funding Source	Estimated 5 Yr. Cost	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Water and Sewer	Rehabilitation of defective sewer mains with heavy ground water infiltration	Water and Sewer Fees	1,475,000	100,000	325,000	350,000	350,000	350,000
Water and Sewer	Rehabilitation of sanitary manholes to restore their structural integrity	Water and Sewer Fees	440,000	-	100,000	100,000	120,000	120,000
Water and Sewer	Short Liner Installation - for rehabilitation of sanitary sewer mains and laterals from the main to the property line	Water and Sewer Fees	1,350,000	100,000	300,000	300,000	325,000	325,000
Water and Sewer	Upgrade water mains - replacement of sub-standard water mains throughout the water distribution system.	Water and Sewer Fees	3,290,000	650,000	650,000	650,000	670,000	670,000
Water and Sewer	Replacement of asbestos cement sanitary force mains deteriorated by hydrogen sulfide gas	Water and Sewer Fees	110,000	-	30,000	40,000	20,000	20,000
Water and Sewer	Lift Station Upgrades	Water and Sewer Fees	750,000	150,000	150,000	150,000	150,000	150,000
Water and Sewer	Expansion of reclaimed water system	Water and Sewer Reserves	1,550,000	-	300,000	1,250,000	-	
		Sewer Impact Fees	1,100,000		625,000	475,000		
		Water Impact Fees	1,100,000	-	625,000	475,000	-	
Water and Sewer	Upgrading/rerating of Iron Bridge Regional Wastewater Treatment Facility (City of Orlando).	Prior Bond Proceeds	1,984,253	1,984,253	-	-	-	
		Water and Sewer Reserves	4,250,106	554,021	2,978,494	687,791	14,900	14,900
Water and Sewer	Purchase Additional Sewer Capacity from Altamonte	Sewer Impact Fees	250,000	250,000	-	-	-	
Water and Sewer	Eastern Service Area Improvements	Sewer Impact Fees	1,306,500	653,250	653,250	-	-	
		Water Impact Fees	81,400	81,400	-	-	-	
Water and Sewer	Richard Crotty Parkway Utility Upgrade	Water and Sewer Fees	432,459	400,000	32,459			
Water and Sewer	SR 434 Road Widening Utility Relocation	Water and Sewer Reserves	1,200,000		1,200,000			
Water and Sewer	Ravaudage Lift Station	Sewer Impact Fees	622,891	622,891				
Water and Sewer	Kennedy Blvd Road Widening Force Main Upgrade	Sewer Impact Fees	1,600,000	800,000	800,000			

**CITY OF WINTER PARK
SUMMARY OF CAPITAL PROJECTS
WATER AND WASTEWATER FUND**

Department	Description	Funding Source	Estimated 5 Yr. Cost	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Water and Sewer	Lift Stations Emergency Generator/Bypass Pump Improvements	Water and Sewer Fees	300,000	300,000				
Water and Sewer	I-4 Ultimate Project (Expansion of Interstate)	Sewer Impact Fees	250,000	250,000	-	-	-	
		Water Impact Fees	450,000	450,000	-	-	-	
ITS	Information Technology Infrastructure Upgrades (50% General Fund, 25% Water and Sewer Fund and 25% Electric Services Fund)	Water and Sewer Fees	375,000	65,000	70,000	75,000	80,000	85,000
Public Works	Facility replacement account funding (replacement of flooring, roofing, air conditioning, painting, & other capital needs) (65% General Fund, 25% Water and Sewer Fund, and 10% Electric Fund)	Water and Sewer Fees	528,846	86,538	96,154	105,769	115,385	125,000
Totals			24,796,455	7,497,353	8,935,357	4,658,561	1,845,285	1,859,900

Totals by Funding Source:

Water and Sewer Fees	9,051,305	1,851,538	1,753,613	1,770,769	1,830,385	1,845,000
Water and Sewer Reserves	7,000,106	554,021	4,478,494	1,937,791	14,900	14,900
Sewer Impact Fees	5,129,391	2,576,141	2,078,250	475,000	-	-
Water Impact Fees	1,631,400	531,400	625,000	475,000	-	-
Surplus Project Funds	-	-	-	-	-	-
Prior Bond Proceeds	1,984,253	1,984,253	-	-	-	-
	27,396,728	7,497,353	8,935,357	4,658,561	1,845,285	1,859,900

**CITY OF WINTER PARK
CAPITAL IMPROVEMENT PLAN - Water & Sewer
Fiscal Year 2018-2019**

Function	Project	Project Description	Primary Funding Source	Amount	Impact on Operating Budgets
Water and Sewer	Upgrade sanitary sewer mains	Defective sanitary sewer mains will be rehabilitated to decrease heavy ground water infiltration, in effect reducing the total flow to waste water facilities.	Water and Sewer Fees	\$ 100,000	This project will reduce wastewater treatment costs by reducing ground water infiltration
Water and Sewer	Rehabilitate sanitary sewer mains - short liner installation	Rehabilitation of defective sanitary sewer mains with heavy ground water infiltration or structural deficiencies by internally inserting a short liner system.	Water and Sewer Fees	\$ 100,000	This project will reduce wastewater treatment costs by reducing ground water infiltration
Water and Sewer	Upgrade water mains	Water main upgrades consist of construction and upgrade of water mains and service lines to replace sub-standard water mains throughout the water distribution system. This work will improve water quality, flows and fire protection in the impacted areas.	Water and Sewer Fees	\$ 650,000	No additional impact on operating budget
Water and Sewer	Lift station upgrades	Replacement of "can" type lift stations close to failure with submersible "rail" type lift stations. Includes completing projects at stations 2 and 35.	Water and Sewer Fees	\$ 150,000	No additional impact on operating budget
Water and Sewer	Iron Bridge Regional Wastewater Treatment Facility	Upgrading/rerating of Iron Bridge Regional Wastewater Treatment Facility (City of Orlando).	Water and Sewer Reserves	\$ 2,538,274	No additional impact on operating budget
Water and Sewer	Purchase Additional Sewer Capacity from Altamonte	The City has an interlocal agreement with Altamonte for sewer capacity. New development changes along 17-92 and Lee Rd. may require additional capacity.	Sewer Impact Fees	\$ 250,000	Could potentially raise annual interlocal payments made to Altamonte.
Water and Sewer	Eastern Service Area Improvements	This combines three projects affecting the eastern service area of the utility: restructuring of territory with Orange County, Cady Way lift station, and a 12-inch force main.	Sewer Impact Fees & Water Impact Fees	\$ 734,650	The city will provide water and wastewater services but will offset costs with charges for services.

**CITY OF WINTER PARK
CAPITAL IMPROVEMENT PLAN - Water & Sewer
Fiscal Year 2018-2019**

Function	Project	Project Description	Primary Funding Source	Amount	Impact on Operating Budgets
Water and Sewer	I-4 Ultimate	This FDOT project to expand interstate 4 to six lanes will involve the removal and replacement of many sewer and water crossings owned by the utility.	Sewer Impact Fees - \$250,000; Water Impact Fees - \$450,000	\$ 700,000	No additional impact on operating budget
Water and Sewer	Richard Crotty Parkway Utility Upgrade	In partnership with Orange County, this project will realign Hanging Moss road which necessitates a water main upgrade and a force main replacement.	Water and Sewer Fees	\$ 400,000	No additional impact on operating budget
Water and Sewer	Ravaudage Lift Station & Force Main	This additional funding will complete the construction of the Ravaudage lift station and force main. This project is funded out of developer contributions to the Sewer Impact Fund.	Sewer Impact Fees	\$ 622,891	No additional impact on operating budget
Water and Sewer	Kennedy Road Widening & Force Main Upgrade	In conjunction with Orange County, the City will be upgrading the force main along Kennedy Blvd. from I-4 to Forest City Rd.	Sewer Impact Fees	\$ 800,000	No additional impact on operating budget
Water and Sewer	Lift Station Emergency Generators & Bypass Pumps	To increase system resilience to major storms, this funding will add emergency generators and bypass pumps to critical lift stations throughout the City.	Water and Sewer Fees	\$ 300,000	No additional impact on operating budget

**CITY OF WINTER PARK
SUMMARY OF CAPITAL PROJECTS
ELECTRIC SERVICES FUND**

Department	Description	Funding Source	Estimated 5 Yr. Cost	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Electric Services	Routine Capital improvements including: undergrounding electric lines, renewals and replacements, and other improvements required to provide service and improve the reliability of the electric system	Electric System Revenues	4,331,427	832,320	848,966	865,946	883,265	900,930
Electric Services	Undergrounding of Electric Lines	Electric System Revenues	19,625,000	3,925,000	3,925,000	3,925,000	3,925,000	3,925,000
Public Works	Facility replacement account funding (replacement of flooring, roofing, air conditioning, painting, & other capital needs) (65% General Fund, 25% Water and Sewer Fund, and 10% Electric Fund)	Electric System Revenues	211,538	34,615	38,462	42,308	46,154	50,000
ITS	Information Technology Infrastructure Upgrades (50% General Fund, 25% Water and Sewer Fund and 25% Electric Services Fund)	Electric System Revenues	375,000	65,000	70,000	75,000	80,000	85,000
Totals			24,542,965	4,856,935	4,882,428	4,908,253	4,934,418	4,960,930

Totals by Funding Source:

Electric System Revenues	24,318,612	4,856,935	4,843,966	4,865,946	4,888,265	4,910,930
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Note: No additional bond issues are anticipated in the period covered by this Capital Improvement Plan

CITY OF WINTER PARK
CAPITAL IMPROVEMENT PLAN - Electric Services
Fiscal Year 2018-2019

Function	Project	Project Description	Primary Funding Source	Amount	Impact on Operating Budgets
Electric Services	Routine Capital: annual electric system improvements	These improvements include undergrounding electric lines and other improvements to increase the reliability of the electric system.	Electric Service Fees	\$ 832,320	No impact on operating budget
Electric Services	Undergrounding Electric Utilities	This is part of an ongoing plan to underground electric utility lines over the next 8 years.	Electric Service Fees	\$ 3,925,000	As electric utilities are placed underground there will be less costs for trimming trees around power lines.