

Lakes & Waterways Advisory Board



August 9, 2016 12:00 noon

Chief Beary Community Room, 2nd floor
500 N. Virginia Ave. • Winter Park, Florida

1 administrative

- Citizen Comments
- Approve July 20, 2016, Minutes

2 new business

New Ideas

2016 Comprehensive Plan: Conservation

3 action items

Shoreline Permit Applications

- SAP 16-12, Request of Virgil Schenck to build a boathouse/dock 260 Trismen Ter. on Lake Osceola.
- SAP 16-13, request of Ben and Melisa Hewitt, to build a boathouse/dock at 201 W. Fawsett Rd. on Lake Sue.

4 reports

Mead Botanical Garden
Stormwater Management
Sustainability Update

Lakes Management
WP Police Lakes Patrol
City of Maitland Update

5 adjourn

Next meeting date September 13, 2016

appeals & assistance

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

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

**CITY OF WINTER PARK
LAKES AND WATERWAYS ADVISORY BOARD**

**Regular Meeting
500 N. Virginia Ave
Beary Community Room**

**July 20, 2016
12:00 pm**

MINUTES

Present: Geoff Bedine (Chm), Nora Miller Amy Byrd, John Minton, Jack Goggin, Jim Barnes (Vice Chm)

Absent: Steven DiClemente, Doug Marks

City of Winter Park Staff: Troy Attaway, Public Works Director, Don Marcotte, Asst. Public Works Dir/Stormwater Engineer; Abby Gulden, Sustainability Coordinator; Kyle Dudgeon, Manager, Economic Development/CRA; Allison McGillis, Planner I, Planning; Stan Locke, Winter Park Police Department; Debbie Wilkerson, Recording Secretary

Guests: Commissioner Cooper

CALL TO ORDER. Chm. Bedine called the Lakes and Waterways Advisory Board to order at 12:00 pm.

administration

Citizen Comments

Bunny Simmerson - 383 Sylvan Dr. spoke about drainage and maintenance, ameba testing, quality of water on Lk Sylvan and yard waste going into stormdrains. Mr. Attaway offered to meet with Ms. Simmerson and discuss all her concerns, Ms. Simmerson agreed.

Ron Richards - 383 Sylvan Dr. spoke about the storm drain off Aloma requiring attention. Mr. Attaway explained that the City has plans to install an underground outfall at that location. Mr. Attaway also spoke on the City's ongoing efforts to educate and enforce lawn service companies on the proper way to dispose of yard waste.

Todd Weaver - 1051 Lk Bell spoke on the ameba issue and the disadvantages of using a leave trap at storm drains.

Approval of Minutes

Chm. Bedine asked for approval of the minutes from the June 15, 2016. Motion made by Mr. Barnes to approve the June 15, 2016, meeting minutes as presented; seconded by Ms. Miller, and carried with a 6-0 vote.

Chm Bedine read the Mission Statement, Board consensus was the statement did not require revising.

New Ideas

None

action items

2016 Comprehensive Plan – Public Facilities

Kyle Dudgeon, Manager, Economic Development/CRA; presented and provided an overview of the proposed changes to the 2016 Comprehensive Plan – Public Facilities. Discussion ensued regarding aspects of the element. Mr. Dudgeon responded to questions regarding the Plan and suggested changes. Mr. Dudgeon confirmed that comments would be accepted after the meeting. Chm Bedine advised that the next Lakes Board meeting will focus on the Conservation Element.

The following spoke about the Comp. Plan and presented proposed revisions, which were provided to Mr. Dudgeon.

Marty Sullivan - 901 Georgia Ave., reviewed his suggested changes to the Public Facilities Element.

Todd Weaver 1051 Lk Bell Dr., spoke to the need to protect lakes from development.

Update on Variance Process

Mr. Wiggins spoke to the Lakes recommendation to change to variance process as it relates to the Lakes and Waterways Board. He reviewed the current procedure. After discussion the Lakes and Waterways Board agreed to change their meeting date to facilitate presenting a recommendation to the Board of Adjustment for shoreline alteration applications requiring a variance.

Shoreline Permit Applications:

None

reports

Mead Botanical Garden

No report

Stormwater Management

Mr. Marcotte update the Board on upcoming bids and CIP projects. Mr. Marcotte responded to questions.

Sustainability Report – Abby Gulden

Ms. Gulden reported that they had a very successful Lk Virginia water shed clean up in conjunction with Rollin College. 500-700 lbs of trash were collected.

Lakes Manager Report

No Report

Lakes Patrol – WP Police

Sgt Locke reported statistics from police activities on the lakes. He also provided details on the new inspection procedure which eliminates multiple inspections of the same vessel during a year. He reported that the 4th of July was quiet.

City of Maitland – Paul Ritter

Mr. Ritter updated the Board on Maitland stormwater and lake activities.

adjourn

Meeting adjourned at 1:30 p.m. Next meeting date August 9, 2016.

Respectfully submitted,

Debbie Wilkerson

Debbie Wilkerson
Recording Secretary

Shoreline Alteration Permit Application Staff Report (Dock/Boathouse)

Application #: 16:12 WATERBODY: Lake Osceola Date: 07/29/16

APPLICANT NAME AND SITE ADDRESS:

Virgil Schenck, 260 Trismen Terrace, Winter Park, FL 32789

Dock Parameter	Proposed	Allowed	Variance yes/no/n.a.
Total Area (sq. feet)	574	600 max.	n/a
Length from OHW (feet)	30	30	n/a
Height of Roof (feet above deck)	11	11 max.	n/a
Height of Deck (feet above OHW)	1	2 max.	n/a
Side Yard Setback(s) (feet)	10	10 min.*	n/a
Meets Vegetation Criteria?	Yes	n/a	n/a

* Side yard setback may be reduced to 5 feet without a variance if a signed letter of no objection is obtained from the affected adjacent property owner.

Comments:

Work visible on photos is related to previously authorized revetment (SAP #16:03).

Staff Recommendation:

Approval

Reviewed By: Timothy Egan



RICK SINGH CFA ORANGE COUNTY PROPERTY APPRAISER FLORIDA

Base Map Layers Legend Search Parcel Sales Analysis Tools Print

1: 2400

OSCEOLA AVENUE

426

OSCEOLA AVE

Lakewood Dr

Seymour Ave

Detmar Dr

Trispen Ter

Park City Of Winter Park

260 Truman Ter.

<http://maps.ocpaf1.org/webmap/default.aspx?pin=302205089600006>



**CITY OF WINTER PARK
SHORELINE ALTERATION PERMIT APPLICATION**

Amt: \$ _____
Check#: _____
Date: _____

General Instructions: To request approval of a Shoreline Alteration Permit Application complete this application and submit to Public Works Department (500 N. Virginia Ave., Winter Park, FL 32789) along with the applicable fee and all additional information necessary for public hearing before the Lakes & Waterways Advisory Board. All required must be submitted with application. Ten (10) complete sets of the application and plans are required. (Signed and sealed plans are **NOT** required for the Shoreline Alteration Permit)

DEADLINE IS THE FOURTH WEDNESDAY OF EACH MONTH FOR HEARING IN THE FOLLOWING MONTH.

SAP 16: 12

Water Body: OSCEOLA
(Lake, Canal, etc.)

\$50.00 Fee for Docks Only

\$75. Fee for Boathouse & Dock

APPLICANT/CONTRACTOR

OWNER

Wise Marine Construction
P.O. Box 520524
Longwood, FL 32752

Virgil Schenck
260 TRISMAN TER.
Winter Park, FL 32789

Phone: 407-297-0181

Phone: _____

Email: MARWise@gmail.com

Email: vschenck@schenck.com

Is the property under contract for purchase or lease? Yes No

If the applicant is NOT the owner, attach a copy of the purchase or lease contract or option on the property, or a letter signed by the owner of record authorizing the applicant to act as agent for the owner. This information is requested to establish the legal status of the applicant and will be held in confidence, except as the information pertains to the zoning application

Is the contract for purchase or lease contingent upon approval of this application? Yes No

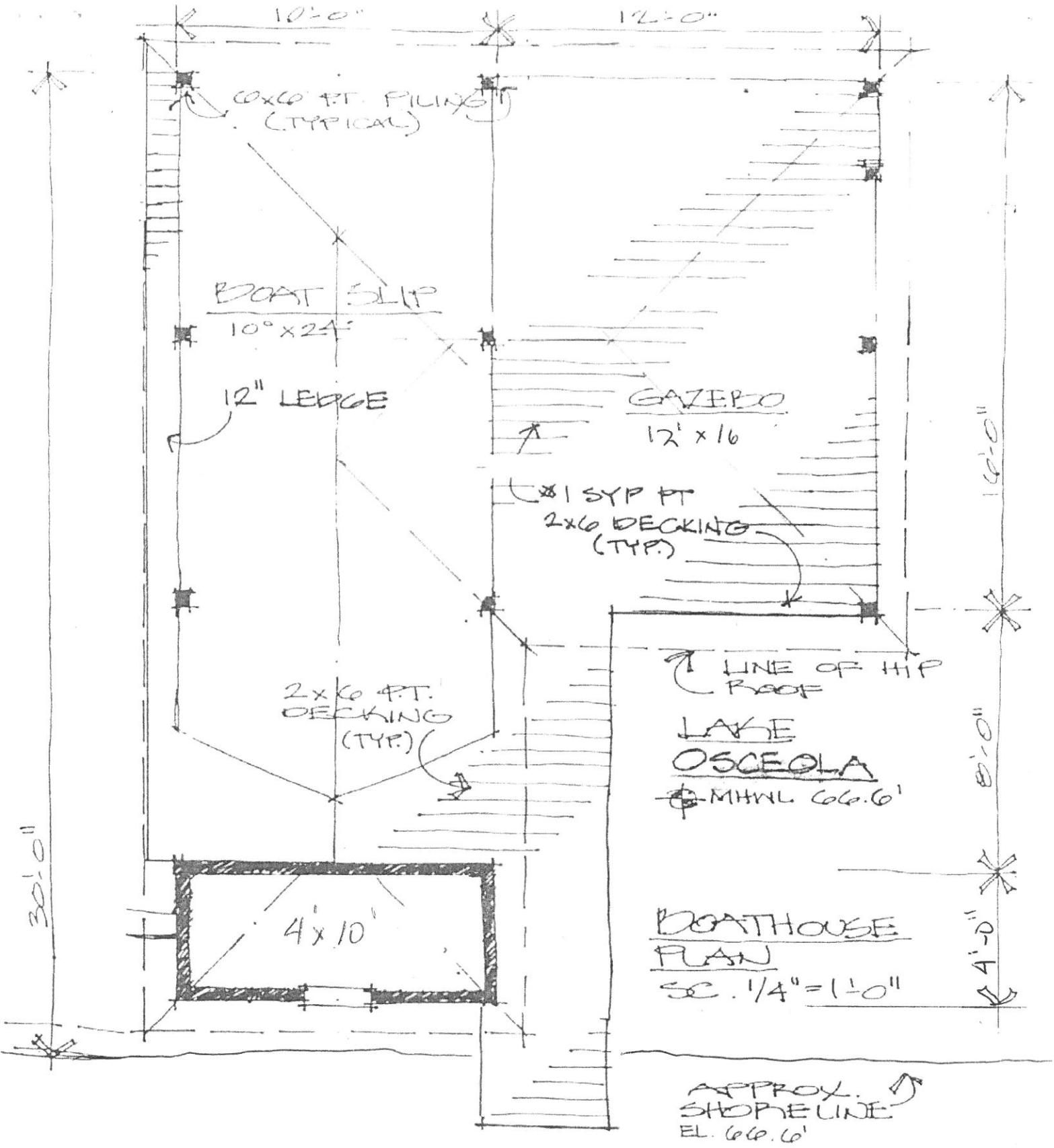
PROPERTY

Street Address :(if different):

Name of lake, canal or stream

277 TRISMAN TER.

OSCEOLA




NOTE: WINDOWS AND DOORS TO WIND PRESS. COEFFICIENTS OF -28.2 PSF INT'R AND +37.7 PSF EXT'R AS EVIDENCED BY MANUF'R CERTIFIED SHOP DWGS.

WISE
MARINE
CONSTRUCTION
INC.



SHORESIDE ELEVATION
NO SCALE

VIRGIL SCHENCK
277 TRISMEN TERRACE
WINTER PARK, FL 32789

 WISE
MARINE
CONSTR.
INC.

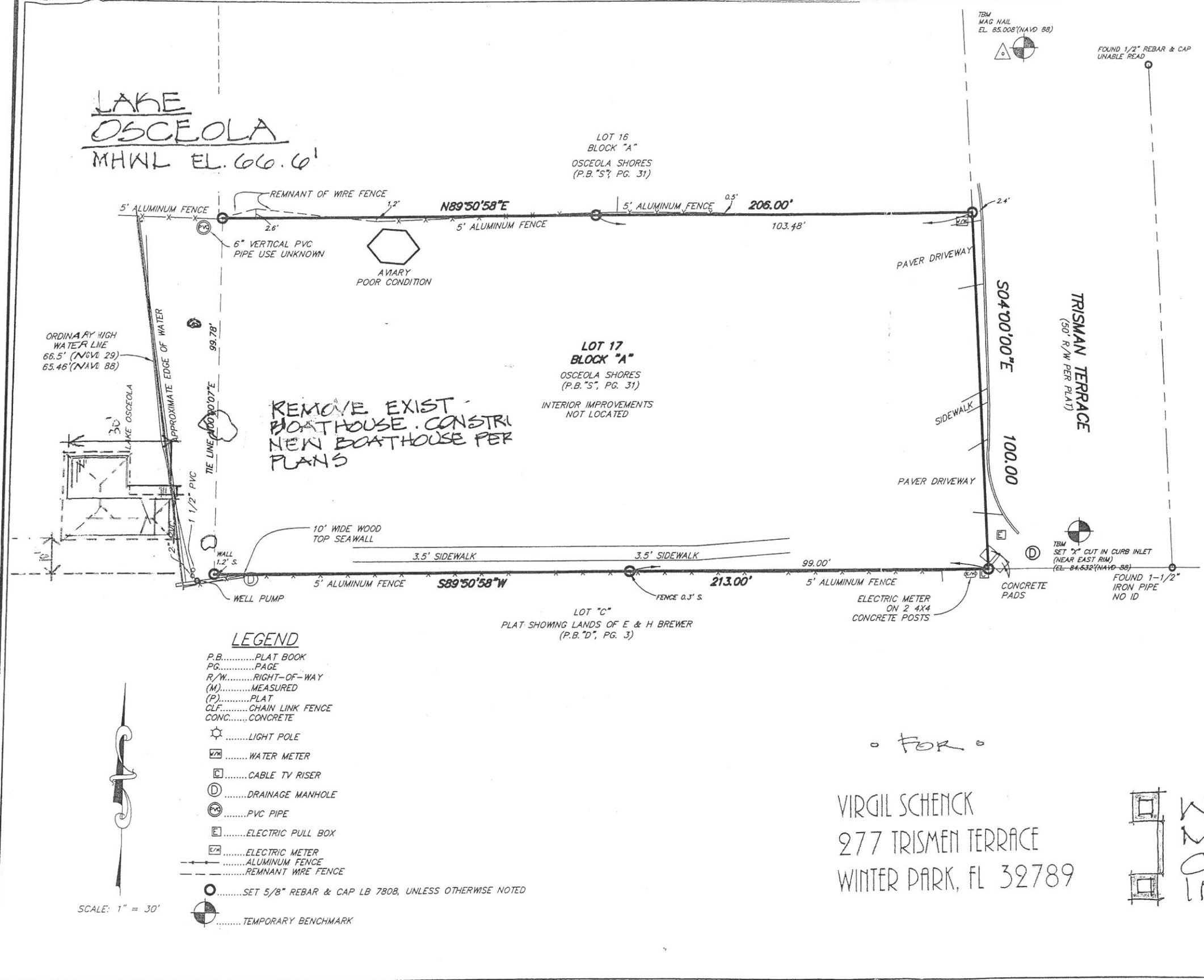
LAKE OSCEOLA
MHWL EL. 66.6'

LOT 16
BLOCK "A"
OSCEOLA SHORES
(P.B. "S", PG. 31)

LOT 17
BLOCK "A"
OSCEOLA SHORES
(P.B. "S", PG. 31)

LOT "C"
PLAT SHOWING LANDS OF E & H BREWER
(P.B. "D", PG. 3)

REMOVE EXIST BOATHOUSE. CONSTR NEW BOATHOUSE PER PLANS



LEGEND

- P.B. PLAT BOOK
- PG. PAGE
- R/W. RIGHT-OF-WAY
- (M) MEASURED
- (P) PLAT
- CLF. CHAIN LINK FENCE
- CONC. CONCRETE
- ☼ LIGHT POLE
- ⊠ WATER METER
- ⊠ CABLE TV RISER
- ⊠ DRAINAGE MANHOLE
- ⊠ PVC PIPE
- ⊠ ELECTRIC PULL BOX
- ⊠ ELECTRIC METER
- ⊠ ALUMINUM FENCE
- ⊠ REMNANT WIRE FENCE
- ⊠ SET 5/8" REBAR & CAP LB 7808, UNLESS OTHERWISE NOTED
- ⊠ TEMPORARY BENCHMARK

SCALE: 1" = 30'

LEGAL DESCRIPTION:
LOT 17, BLOCK "A", OSCEOLA SHORES SECTION 3, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK "S", PAGE 87, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

SURVEYOR'S NOTES:

- (1) THIS MAP OF BOUNDARY SURVEY IS NOT VALID UNLESS IT BEARS THE SIGNATURE AND ORIGINAL RAISED SEAL OF THE FLORIDA LICENSED SURVEYOR AND MAPPER IDENTIFIED BELOW.
- (2) NO ABSTRACT FOR RIGHTS-OF-WAY, EASEMENTS, OWNERSHIP OR OTHER INSTRUMENTS OF RECORD HAVE BEEN PROVIDED TO THIS FIRM.
- (3) BEARINGS SHOWN HEREON ARE ASSUMED RELATIVE TO THE SOUTH LINE OF LOT 17, BLOCK "A", OSCEOLA SHORES SECTION 3, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK "S", PAGE 87, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, BEING SOUTH 89°50'58" WEST
- (4) THE "LEGAL DESCRIPTION" HEREON IS IN ACCORD WITH THE DESCRIPTION FURNISHED BY THE CLIENT.
- (5) UNLESS OTHERWISE NOTED OR SHOWN HEREON, APPARENT AND/OR UNOBSTRUCTED, ABOVE GROUND PERIMETER IMPROVEMENTS WERE LOCATED. UNDERGROUND IMPROVEMENTS, SUCH AS FOUNDATIONS AND UTILITIES, WERE NOT LOCATED.
- (6) INTERIOR IMPROVEMENTS WERE NOT LOCATED.
- (7) THIS SURVEY IS CERTIFIED TO: VIRGIL SCHENCK
- (8) THE DELINEATION OF LANDS SHOWN HEREON IS AS PER THE CLIENT'S INSTRUCTIONS.
- (9) THE CLASSIFICATION USE OF THE LAND, PURSUANT TO THE MINIMUM TECHNICAL STANDARDS SET FORTH IN RULE CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE, FLORIDA STATUTES 472.027, IS SUBURBAN. THE MINIMUM RELATIVE DISTANCE ACCURACY OF THIS MAP OF BOUNDARY SURVEY ACHIEVES OR EXCEEDS ONE FOOT IN 7,500 FEET.
- (10) ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 AND ARE BASED ON THE FOLLOWING ORANGE COUNTY ENGINEERING DEPARTMENT'S BENCHMARKS:

L1161017 ELEVATION 67.534'
WP-L-5 ELEVATION 74.685'

FOR
VIRGIL SCHENCK
277 TRISMEN TERRACE
WINTER PARK, FL 32789

WISE
MARINE
CONSTR
INC.

David A. White
DAVID A. WHITE, P.S.M.
FLORIDA REGISTRATION NO. 4044
PEC - SURVEYING AND MAPPING, LLC
CERTIFICATE OF AUTHORIZATION L.B. #7808
DATE OF FIELD SURVEY: 02-22-2016
DATE OF SIGNATURE: 02-29-2016

DATE	BY	REVISIONS
02-29-16	T.W.B.	ADD ORDINARY HIGH WATER LINE AND BENCHMARKS

PEC SURVEYING AND MAPPING, LLC
CERTIFICATE OF AUTHORIZATION NUMBER LB 7808
2100 Alafaya Trail, Suite 203 • Oviedo, Florida 32765 • 407-542-4967
WWW.PECONLINE.COM

MAP OF BOUNDARY SURVEY
LOCATED IN
SECTION 5, TOWNSHIP 22 SOUTH, RANGE 30 EAST
CITY OF WINTER PARK, ORANGE COUNTY, FLORIDA

JOB NO:	15-132
DATE:	10/30/15
DRAWN BY:	W.M.S.
CHECKED BY:	T.W.B.

SHEET 1 OF 1

0: 15-132 Schenck Boundary 15-132.dwg Feb 29, 2016 - 10:57am

Shoreline Alteration Permit Application Staff Report (Dock/Boathouse)

Application #: 16:13

WATERBODY: Lake Sue

Date: 07/29/16

APPLICANT NAME AND SITE ADDRESS:

Ben and Melissa Hewitt, 201 W Fawsett Drive, Winter Park, FL 32789

Dock Parameter	Proposed	Allowed	Variance yes/no/n.a.
Total Area (sq. feet)	<592	600 max.	n/a
Length from OHW (feet)	30	30	n/a
Height of Roof (feet above deck)	11	11 max.	n/a
Height of Deck (feet above OHW)	1 - 2	2 max.	n/a
Side Yard Setback(s) (feet)	Not shown See comments	10 min.*	n/a
Meets Vegetation Criteria?	Yes	n/a	n/a

* Side yard setback may be reduced to 5 feet without a variance if a signed letter of no objection is obtained from the affected adjacent property owner.

Comments:

The side yard setback in the original submittal was not shown. The applicant's agent has been notified that a revised a revised drawing reflecting a 10' side yard setback (min.) will be required for approval.

Staff Recommendation:

Approval, pending receipt of revised sketch showing setback and planting plan.

Reviewed By: Timothy Egan



RICK SINGH CFA ORANGE COUNTY PROPERTY APPRAISER FLORIDA

Base Map Layers Legend Search Parcel Sales Analysis Tools Print





**CITY OF WINTER PARK
SHORELINE ALTERATION PERMIT APPLICATION**

Amt: \$ _____
Check#: _____
Date: _____

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DEADLINE IS THE FOURTH WEDNESDAY OF EACH MONTH FOR HEARING IN THE FOLLOWING MONTH.

SAP Ne: 13

Water Body: Lake Sue
(Lake, Canal, etc.)

\$50.00 Fee for Docks Only

\$75. Fee for Boathouse & Dock

APPLICANT/CONTRACTOR

OWNER

Sheila Cichra/Hodgskin Outdoor Living

Ben and Melissa Hewitt

1331 Green Forest Court, Suite 1

P.O. Box 1406

Winter Garden, FL 34787

Winter Park, FL 32790

Phone: (407) 450-4241

Phone: _____

Email: sheilacichra@gmail.com

Email: _____

Is the property under contract for purchase or lease? Yes No

If the applicant is NOT the owner, attach a copy of the purchase or lease contract or option on the property, or a letter signed by the owner of record authorizing the applicant to act as agent for the owner. This information is requested to establish the legal status of the applicant and will be held in confidence, except as the information pertains to the zoning application

Is the contract for purchase or lease contingent upon approval of this application? Yes No

PROPERTY

Street Address :(if different):

Name of lake, canal or stream

201 West Fawsett Road

Lake Sue

18-22-30-2844-02-010

PARCEL NO: _____ (same as tax ID number of Orange County property tax records)

Legal Description: Provide complete and accurate legal description below including Plat Book and Page Number OR attach a copy of the legal description to this application.

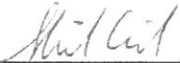
FORREST HILLS K/90 LOT 1 & LAND IN FRONT S OF ROAD TO 40 ACRE LINE BLK B

201 West Fawsett Road, Winter Park

CERTIFICATION

I certify that, to the best of my knowledge and belief, all information supplied with this application is true and accurate, and that I am:

- the owner of the property described herein
- a party to an agreement for purchase or lease of this property
- an agent for the owner or purchaser/lessee of this property



Signature

07/12/2016

Date

SHORELINE ALTERANTION APPROAVAL IS REQUIRED PRIOR TO SUBMITTING FOR A BUILDING PERMIT

I, Benjamin Hewitt, owner of 201 West Fawsett Road, in the City of Winter Park, hereby grant permission to Sheila Cichra of Streamline Permitting, Inc. to act as my agent in obtaining all permits associated with the construction of our boat dock.

[Handwritten Signature]

(Signature)

7/13/16

(Date)

Benjamin Hewitt

(Print Name)

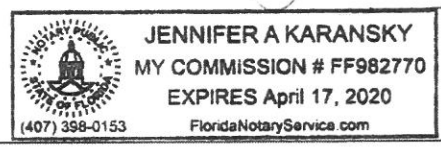
ACKNOWLEDGEMENT:

STATE OF FLORIDA

COUNTY OF Orange

The foregoing instrument was acknowledged before me this 13 day of July 2016, by [Handwritten Signature].

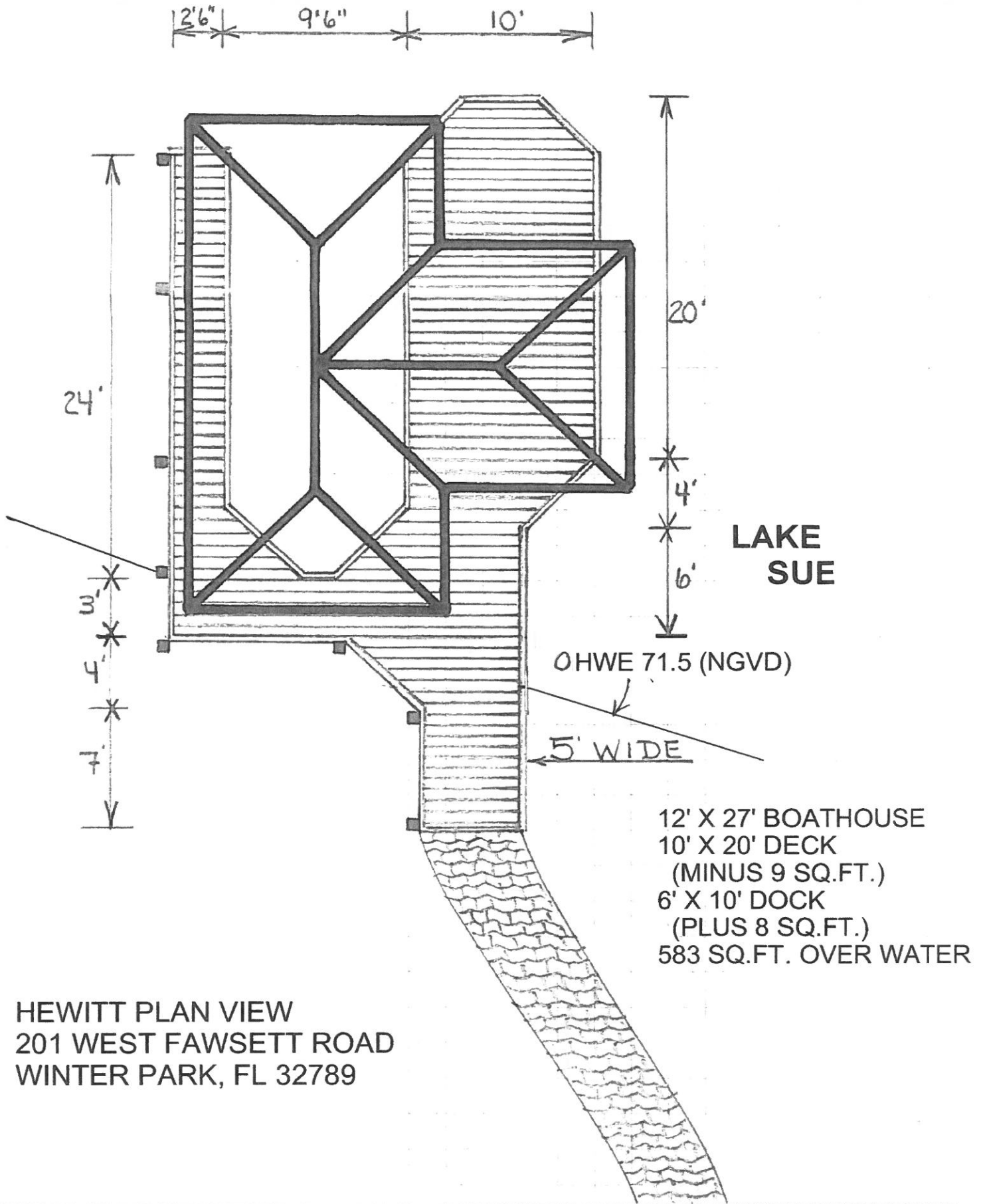
(NOTARY SEAL)



(Signature of Notary Public – State of Florida)

Personally Known OR Produced Identification

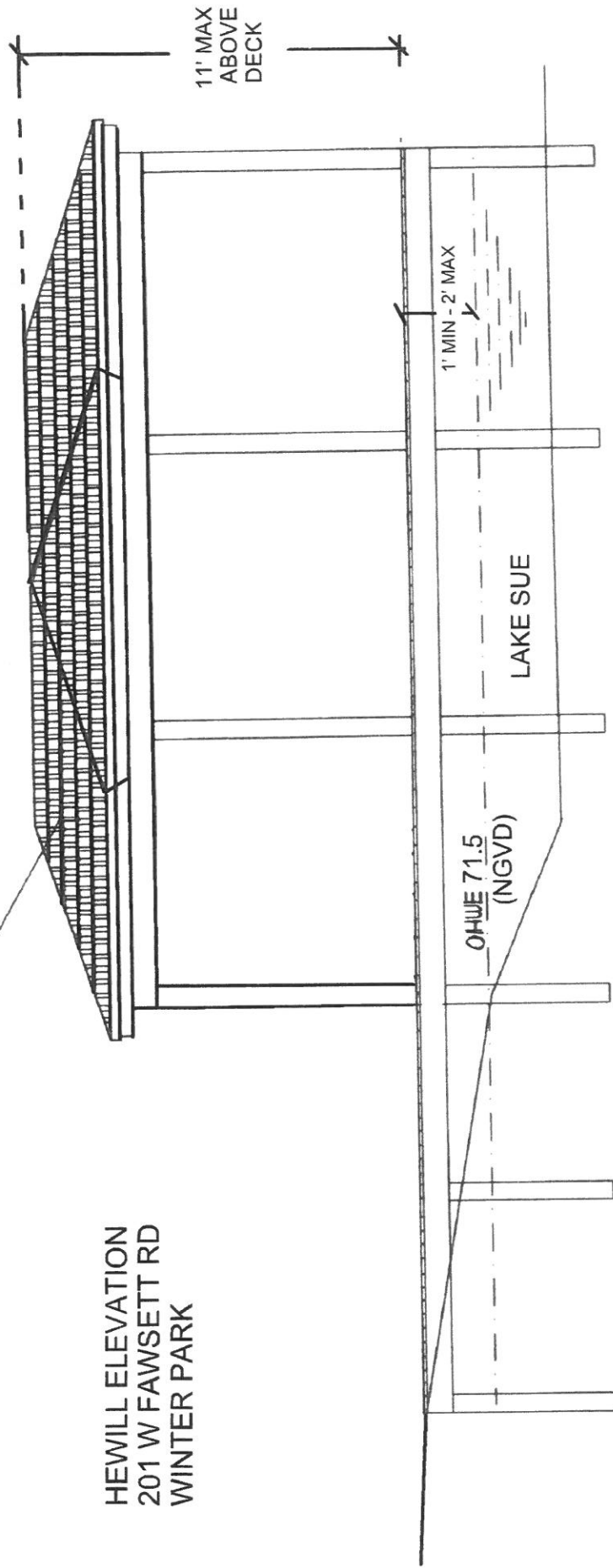
Type of Identification Produced



HEWITT PLAN VIEW
 201 WEST FAWSETT ROAD
 WINTER PARK, FL 32789

METAL ROOF TO
MATCH MAIN HOUSE

HEWILL ELEVATION
201 W FAWSETT RD
WINTER PARK



11' MAX
ABOVE
DECK

1' MIN - 2' MAX

LAKE SUE

OHWE 71.5
(NGVD)

**CITY OF WINTER PARK LAKES
AND WATERWAYS BOARD**

**Staff Report
August 9, 2016**

REQUEST TO PROVIDE DISCUSSION AND FEEDBACK ON THE PUBLIC FACILITIES AND CONSERVATION ELEMENTS OF THE CITY OF WINTER PARK COMPREHENSIVE PLAN UPDATES IS REQUESTED.

The Public Facilities and Conservation Elements serve as two of the required elements of the city's Comprehensive Plan. The plan itself ensures that the overarching growth management for Winter Park meets all state and federal regulations and the stated vision for the city. In short, it lays out the priorities of the city to its residents for the foreseeable future. The last update to the plan was in 2009. It must be reviewed to reflect current trends, new technologies, and policy-driven priorities into the future. The timing of the update is further augmented given the city's recent adoption of its Visioning Plan.

Each municipality and county is required to review their comprehensive plan every seven years per state statute. In February, the City sent a letter to the state of its intention to update the plan. The city has one year to complete its updates and receive approval from the state.

Each mandatory and optional element in the comprehensive plan is divided into two sections; the Goals, Objectives, and Policies (GOP) and the Data Inventory and Analysis (DIA) section. The GOP is the only section of the two to be officially adopted by the city and approved by the state. The DIA provides support and supplemental material only and is intended to act as a reference.

The Lakes and Waterways Advisory Board reviewed the Public Facilities Element at their July 20th meeting and provided commentary on edits provided by staff. Included in this packet are two matrices, one for the Public Facilities Element and the other for the Conservation Element. Each provides edits by staff, advisory boards and the public. Also included in each matrix are comments on the reasoning behind the change.

All comments made by the advisory boards will be reviewed by the Comprehensive Plan Task Force, commissioned by the Mayor, before being reviewed by the Planning and Zoning Commission, City Commission, and the state.

The following chart relates to Chapter 5 – Conservation, and outlines all of the Goals, Objectives, and Policies of this Chapter. Space is provided to the right to add any comments/recommendations. Staff comments/changes to this element of the Comprehensive Plan are shown as black underlined text. This element was reviewed by the Lakes and Waterways Board (their comments/changes would be shown in blue underlined text) and the Keep Winter Park Sustainable and Beautiful Board (their comments/changes would be shown in purple underlined text), however, these boards did not have any specific comments/changes they wanted to propose.

No.	Existing Conservation Element	Comments
1	CONSERVATION GOALS, OBJECTIVES, AND IMPLEMENTING POLICIES. This section stipulates goals, objectives, and implementing policies for the Conservation Element pursuant to Chapter 163, FS.	
2	GOAL 5-1: NATURAL AND ENVIRONMENTAL RESOURCES. PROVIDE FOR THE PRESERVATION, CONSERVATION AND APPROPRIATE MANAGEMENT OF THE CITY'S NATURAL RESOURCES SO THAT THEIR ECONOMIC, EDUCATIONAL, ENVIRONMENTAL, SOCIAL AND AESTHETIC VALUES ARE PRESERVED AND ENHANCED AND AVAILABLE TO FUTURE GENERATIONS.	
3	OBJECTIVE 5-1: AIR QUALITY AND CLIMATE CHANGE. Winter Park shall participate in any contribute to a regional or statewide effort to attain satisfactory air quality in Central Florida at a condition equal to or better than state and federal air quality standards through the implementation of the following policies (below). Winter Park should also reduce air emissions (including carbon) that contribute to global climate change.	Suggested text change since Federal government and State have the authority to impose regulations concerning carbon emissions, not the City.
4	Policy 5-1: Transportation Alternatives. The City shall continue to plan for transportation alternatives to gasoline-powered automobiles by planning efficient pedestrian and bicycle systems and by evaluating future feasibility for multimodal systems, including bus and passenger rail transit, and by adapting streets, and parking structures to facilitate the use of pedestrian and bicycle transportation alternatively-powered vehicles such as electric and hybrid cars.	Suggested text change since Federal government and State have the authority to impose regulations mandating alternatively powered vehicles, not the City.
5	Policy 5-2: Support Transit Service. The City shall continue to support transit service within Winter Park, including annual allocation of city funds for such service if when such services are determined to provide a direct benefit commensurate with the cost to Winter Park residents and businesses and meet City goals and objectives. Where possible such, service should include alternatively-powered vehicles.	Suggested text change since Federal government, State and Lynx have the authority mandating alternatively powered vehicles, not the City, not the City.
6	Policy 5-3: Urban Form and Pattern. The City shall integrate land use patterns and transportation systems by assuring that character, design, and intensity of development is compatible with adjacent transportation infrastructure and services. The City shall continue to facilitate an urban form following planning concepts inherent to neo-traditional neighborhood planning philosophies (i.e., grid system street pattern, residential and non-residential uses within walking distance, public open spaces and plazas).	
7	Policy 5-4: Outdoor Burning Prohibition. The City shall continue to enforce the prohibition on open burning of trash and debris.	
8	Policy 5-5: Air Monitoring Participation. The City shall continue to assist Orange County's air quality monitoring program by maintaining the availability of the Lake Island Park air quality monitoring station.	
9	Policy 5-6: Public Education. The City shall support LYNX (aka Central Florida Regional Transportation Authority), the METROPLAN Orlando, and Orange County efforts to educate and promote public awareness about mass transit, car-pooling, bikeways, park-n-ride lots, and other alternative transportation modes as a means to reduce automobile emission pollution.	
10	Policy 5-7: Air Quality Standards. The City shall support enforcement of applicable standards for air quality to control significant emissions of air pollutants in order to maintain and improve the existing air quality.	

11	Policy 5-8: Combat Erosion and Generation of Dust Particles. Construction or clearing activities that expose, destabilize, or otherwise alter soil shall be required to implement best management principles and practices for soil protection to reduce wind-related soil erosion and dust particles as air pollutant.	
12	Policy 5-9: Promote Alternative Transportation Fuels. As part of the capital purchasing process for new motor vehicles used to transport City staff serving functions other than life/safety or maintenance operations, the City shall consider the costs and benefits of vehicles powered by alternative fuels or engine design, such as hybrid or electric vehicles.	
13	Policy 5-10: Energy Conservation and Alternative Energy Use. Because the City of Winter Park now owns the electric utility serving the city, it is able to pursue policies and programs designed to conserve energy and to make use of alternative energy sources. The City shall consider: 1) Incentives and provide technical assistance for commercial and residential energy conservation, 2) Incentives for the installation of solar power generation and solar hot water heating by its residential and commercial customers, 3) The purchase of "green power" for sale to its customers.	Suggested text change.
14	Policy 5-11: Green Technology for Municipal Buildings. The City shall consider the feasibility of retrofit in existing municipal buildings and design new buildings to minimize the use of energy, water and other resources, to facilitate the generation of solar power and to serve as examples for others of environmental sustainability.	
15	OBJECTIVE 5-2: SURFACE WATER QUALITY AND QUANTITY - LAKES, STREAMS, AND CANALS. Pursuant to the City's goals strategie-plan to maintain and improve the quality of city lakes and other water bodies, the City shall conserve, appropriately use, and protect the quality and quantity of surface water sources to maintain environmental and recreational benefits through the implementation of the following policies.	Suggested text change versus referencing a specific document.
16	Policy 5-12: Construction Impacts on Surface Water Quality. Soil and silt material disturbed by clearing and construction activities shall remain onsite and away from lake and streams through application of soil protection methods including application of the following techniques where applicable. 1. Soil erosion created by wind and stormwater runoff shall be reduced through the application of construction practices that retain soils on-site to the greatest extent practical. 2. Tree and vegetation protection standards shall prevent the clearing of land or the removal of trees, particularly within littoral zones (shoreline areas), except when authorized by the City through development or clearing permits. 3. Temporary stormwater drainage systems, such as swales and berms, shall be installed with new construction and clearing activities to capture direct surface run-off waters that may carry sand, silt, and other debris into lakes or streams.	
17	Policy 5-13: Infrastructure Improvements. The City shall continually implement surface water quality improvement projects that minimize debris, nutrient and bacteriological contamination of the lakes to include street and sediment trap cleaning, canal wall replacement, retention systems, replanting native aquatic vegetation, and Alum Injection systems.	
18	Policy 5-14: Stormwater Utility Fees. The City shall continue the to impose a stormwater utility fee on development as a means of generating revenue for surface water quality improvement projects.	Suggested text change. Fees apply to all properties, not just new development.
19	Policy 5-15: Aquatic Plant Management. The City shall employ aquatic plant management practices that reduce the emergence of non-native, undesirable aquatic plants and improve conditions for safe recreational boating and fishing activities.	
20	Policy 5-16: Alternative Approaches to Aquatic Plant Management. The City shall continue to investigate alternative physical, biological and chemical controls for its aquatic plant management program in order to protect water quality while also controlling undesirable and non-native aquatic plants. The City shall coordinate with the FDEP on an annual basis regarding best management practices and alternative methods to control emergence and proliferation of undesirable aquatic plants.	

21	Policy 5-17: Septic Tank Use. The City shall require approval of the Orange County Health Department for any septic system construction or renovation.
22	Policy 5-18: Stormwater Design Compatibility with Natural Systems. Stormwater retention/detention areas shall be designed and landscaped to appear as a natural waterbody. Any stormwater detention or retention areas located near lakes or other water bodies within the corporate limits of the Winter Park shall be designed with shorelines that are sinuous rather than straight and that create curvilinear shorelines at the water/land interface. The City shall include design criteria and landscape requirements for stormwater retention/detention facilities.
23	Policy 5-19: Regional Surface Water Quality Programs and Improvements. The City shall coordinate its surface water improvement program with the SJRWMD's Surface Water Improvement and Management Plan applicable to the middle basin of the St. Johns River and the Econlockhatchee River System. The City shall also coordinate with SJRWMD regarding City surface water improvement projects that may be eligible for SJRWMD funding assistance.
24	OBJECTIVE 5-3: PROTECTION OF POTABLE WATER RESOURCES. The City shall conserve, appropriately use and protect the water quality and quantity of current and projected water sources through the implementation of the following policies.
25	Policy 5-20: East-Central Florida Water Supply Planning Initiative. The City shall continue to participate in workshops and intergovernmental coordination activities conducted as part of the SJRWMD's East-Central Florida Water Supply Planning Initiative, which strives to identify long term solutions to regional groundwater supply problems and to identify potential alternative water sources other than the Floridan aquifer.
26	Policy 5-21: Water Supply Evaluation. Upon the effective date of the City of Winter Park Comprehensive Plan, the City shall not approve an amendment to the Future Land Use Map, a modification of any land use designation resulting in an increase in density or intensity, or a modification to any land use designation that will change uses and activities allowed therein, unless one of the two following criteria are met: <ol style="list-style-type: none"> 1. Water supply necessary to service a utility service area must be available under the allocation allowed by a consumptive use permit issued by the SJRWMD. The water supply allocation must be able to meet the water demands anticipated from the utility service area as well as the additional demands generated by development allowed by an amendment to the City of Winter Park Comprehensive Plan. Infrastructure and wells necessary to withdraw water supplies demanded by a utility service area must be in place and approved by FDEP and the SJRWMD. 2. At the time of the issuance of a building permit, the City shall verify with the Water and Wastewater Utility Department that adequate water supplies will be available to serve the new development no later than the anticipated date of issuance of a certificate of occupancy.
27	Policy 5-22: Consumptive Use Permit. The City shall comply, as required, with the provisions of the consumptive water use permit issued to Winter Park Utilities by the SJRWMD.
28	Policy 5-23: Utility Rate Structure. The City shall encourage and foster water conservation through its inverted water utility rates. The City shall periodically evaluate the utility service's water rate methods and service to determine if rate adjustments are necessary to discourage overuse.
29	Policy 5-24: Public Education. The City shall support public awareness of water conservation needs through informative and education material made available to residents and business through mediums such as notices included with water bills and postings on the City's web site. The City shall also cooperate with the SJRWMD to regarding its public education programs that promote water conservation.

30	<p>Policy 5-25: Water Restriction Notices. The City shall utilize utility bills, the City's newsletter, or its web site to facilitate public education addressing methods to achieve compliance within any restrictions on water usage and lawn irrigation imposed by the St. Johns River Water Management District.</p>
31	<p>Policy 5-26: Wellhead Protection. Activities that may potentially threaten groundwater quality shall be located away from potable water wellheads. The City shall protect subsurface aquifer water sources and thereby conserve the source of the City's future potable water by prohibiting uses such as the storage or disposal of hazardous materials, new underground storage tanks and new septic tanks within a 500 foot radius surrounding wellfields. Wellhead protection standards shall be consistent with any standards imposed by the SJRWMD or the FDEP.</p>
32	<p>Policy 5-27: Wellfield Protection Areas. The City shall ensure the protection of potable water supply by prohibiting uses such as the storage or disposal of hazardous materials, new underground storage tanks and new septic tanks or have the potential to harm the water supply in accordance with Chapters 62-521 and 62-555, F.A.C. within a 500 foot radius surrounding wellfields. The area enclosed within a 500 foot radial distance surrounding the well is designated as a wellfield protection area.</p>
33	<p>Policy 5-28: Drought Tolerant Landscaping. Landscape standards shall continue to include requirements to encourage the use of low-water tolerant plant species as well as the installation of rain or moisture monitor devices for irrigation systems.</p>
34	<p>Policy 5-29: Incentives for Use of Low-Water Tolerant Landscaping. The City shall allow the elimination of a required irrigation system when a landscape plan is approved by the Parks Department that includes the use of native plants and other vegetation which will survive without irrigation, while still achieving the landscape buffering.</p>
35	<p>Policy 5-30: Water-Saving Fixtures. By 2009, the City shall require the use of water-saving plumbing fixtures for all new development. For building rehabilitation or remodeling projects, the City shall evaluate and consider adopting incentives to encourage plumbing fixture retrofits for water-saving fixtures. Public fountains installed at City parks and facilities after the effective date of the City of Winter Park Comprehensive Plan shall be designed to use recirculating water.</p>
36	<p>Policy 5-31: Development within Area of Special Well Construction (ASWC). All new development occurring within an area designated by the SJRWMD as an "Area of Special Well Construction" must be served by a central water and sewer system.</p>
37	<p>Policy 5-32: Emergency Water Conservation. Winter Park shall cooperate with the SJRWMD to conserve water resources during water supply emergencies.</p>
38	<p>Policy 5-33: Extension of Gray Water/Re-Use Lines. The City shall encourage the extension of gray water systems and re-use lines to those developed areas of Winter Park currently not served by such systems. If such coordination efforts reveal that extension of re-use lines is not financially feasible, the City shall investigate potential grant funds administered by state or federal agencies that may be eligible to assist with the extension of such systems.</p>
39	<p>Policy 5-34: Multi-jurisdictional Planning Initiatives. Identify partnerships with surrounding utilities such as Orange County, Orlando Utilities Commission, and Seminole County on regional tradition and alternative water supply development projects to provide wholesale water to the City of Winter Park.</p>
40	<p>OBJECTIVE 5-4: MAINTENANCE OF FLOODPLAIN. The City shall protect the natural functions of the 100-year floodplain to maintain its current flood carrying and flood storage capacity and to minimize damage to property caused by flooding.</p>

41	<p>Policy 5-35: Alteration of Streams and Floodways. The City shall continue to prohibit the altering of, or construction in any stream or floodway, adding any fill, development proposing compensating storage in streams and wetland floodplain areas. The City's Floodplain Protection Ordinance shall maintain consistency with program policies of the Federal Insurance Administration.</p>	
42	<p>Policy 5-36: Floodplain Protection Standards. The City shall continue to require a conditional use permit for any type of construction within the stream floodplain areas, a lakefront, canalfront and streamfront site plan review by the Planning and Zoning Commission for approval of all construction within lake, canal and stream floodplain areas, new habitable construction to locate outside all lakefront and stream floodplain areas, and require connection to sewer over septic where possible.</p>	
43	<p>Policy 5-37: FEMA Construction Standards. The City shall require that construction meet or exceed the Federal Emergency Management Agency (FEMA) standards.</p>	
44	<p>OBJECTIVE 5-5: PROTECT AND PRESERVE WETLANDS. Preserve, protect, restore and replace wetlands to achieve no net loss of functional wetlands after the adoption of this comprehensive plan. The City shall ensure the protection of wetlands and wetland functional values by prioritizing protective activities with avoidance of impacts as the first priority, minimization of impacts as the second priority, and mitigation for impacts as the third priority.</p>	
45	<p>Policy 5-38: Wetland Definition and Delineation. The Florida Legislature preempts the authority of any water management district, state or regional agency, or local government to define wetlands or develop a delineation methodology to implement the definition and determines that the exclusive definition and delineation methodology for wetlands shall be that established pursuant to s. 373.019(22) and s. 373.421, F.S. The use of the term wetlands in the Goals, Objectives and Policies of this Comprehensive Plan shall be pursuant to this definition and delineation.</p>	Removing State citations which change from time to time.
46	<p>Policy 5-39: Dedication of Conservation Areas. Conservation future land use designation easements shall be placed on all wetlands or other adjacent environmentally sensitive lands within fifty (50) feet of wetlands as a condition or requirement of a development approval for all properties containing any designated wetland.</p>	Conservation FLU accomplishes the same effect as an easement.
47	<p>Policy 5-40: Preservation of Wetlands. The City's preservation of all wetlands within the City shall be to prohibit any fill, disturbance, or development within any designated wetland. No development of any kind shall be permitted within any designated wetland area except for an elevated boardwalk or gazebo that may be permitted by the City Commission and require a supermajority (four votes) for approval only within wetlands that are part of the City's park and recreation system. This shall apply to all classifications of wetlands pursuant to the requirements of Rule 9J-5.013(3)(a) F.A.C.</p>	Suggested text change for consistency with deletion of supermajority approvals . Rule 9J is no longer in effect.
48	<p>Policy 5-41: Protection of Wetlands. The City's protection of all wetlands in the City including adjacent environmentally sensitive lands shall be to prohibit any development within fifty (50) feet of all designated wetlands. No fill disturbance or development may occur within this fifty (50) foot buffer protection zone. This shall apply to all classifications of wetlands pursuant to the requirements of Rule 9J-5.013(3)(a) F.A.C.</p>	Suggested text change for consistency. Rule 9J is no longer in effect.
49	<p>Policy 5-42: Protection of Environmentally Sensitive Lands. The City's protection of environmentally sensitive lands shall be to prohibit all development within fifty (50) feet of all designated wetlands, any stream, canal, or lake and within fifty (50) feet of any wildlife habitat containing endangered or threatened species as detailed on Map 5-5 in this element.</p>	

50	<p>Policy 5-43: Conservation Designation. The Future Land Use Element and Map shall require a conservation designation to be placed upon all wetlands, floodways and stream floodplain areas designated by the FEMA floodplain maps along all stream front areas in the city specifically to protect these areas from development impacts and potential encroachment. The Future Land Use Map shall place a Conservation Designation upon such wetlands along Howell Branch Creek northeast of Lake Maitland as well as the Howell Branch Creek wetlands located between Lakes Sue and Virginia.</p>	
51	<p>Policy 5-44: Wetland Mitigation. Disturbance or destruction of wetlands shall be avoided on lands designated conservation. Where the SJRWMD has approved the removal, alteration, or destruction of wetlands, mitigation shall occur consistent with Section 62-312, Florida Administrative Code. Prior to issuance of any land clearing or construction permit from the City, an applicant must receive and adhere to all environmental permits that are required by the State of Florida.</p>	
52	<p>Policy 5-45: Wetland Mitigation Sites. Where wetland mitigation is required by the SJRWMD, the mitigation site must occur within or adjacent to the City of Winter Park except when a site cannot be found that meets the approval of the SJRWMD and the City. The City will encourage the protection and preservation of wetlands within the City limits instead of off-site locations.</p>	
53	<p>Policy 5-46: Wetland Regulations Shall Avoid Duplication. Wetland regulations adopted by the City shall avoid duplication of wetland regulation by maintaining consistency with the regulations of FDEP and SJRWMD.</p> <p>A. The City shall regulate activities which will result in the destruction and/or degradation of functional wetlands that have been permitted by FDEP or SJRWMD based on FDEP and SJRWMD professional staff application of criteria, evaluation and conditions of approval.</p> <p>B. Any permitted wetland degradation or destruction shall provide for mitigation as designated in the Conservation Element.</p>	
54	<p>OBJECTIVE 5-6: PROTECTION OF NATURAL RESOURCES. The City shall conserve and protect the remaining natural systems through appropriate land use designations. All future development or redevelopment of land affecting natural resources shall be consistent with the City of Winter Park Comprehensive Plan.</p>	
55	<p>Policy 5-47: Protect Conservation Areas. The City shall protect conservation areas, parks and open space lands from activities that would significantly damage the natural integrity, character or environmental balance of said areas.</p>	
56	<p>Policy 5-48: Designation of Conservation Land Resources. The Future Land Use Map series delineates Conservation Future Land Use for wetlands whose value warrants long-term preservation. Such areas include shereine-areas, wetlands, floodways and floodplains as-well-as-adjacent-uplands-such-wetlands along Howell Branch Creek northeast of Lake Maitland as well as along the Howell Branch Creek wetlands located between Lakes Sue and Virginia. All conservation land resources shall either remain undeveloped or shall undergo "restricted development." "Restricted development" shall be defined as the development options allowed by the development rights and restrictions stipulated in the Future Land Use Element. Passive recreation shall be a use that is allowed within the Conservation future land use designation.</p>	Suggested text change, as Conservation FLU does not pertain to the shorelines or upland areas adjacent to wetlands.
57	<p>Policy 5-49: Use of Conservation, Open Space and Recreation Areas. Those areas designated on the Future Land Use Map for conservation, open space and recreation shall not be developed except in furtherance of those purposes and as allowed by City of Winter Park's Comprehensive Plan. Remaining areas of important natural habitat shall not be altered or converted to active recreational facilities.</p>	

58	Policy 5-50: Intergovernmental Coordination and Natural Resource Management. The City shall coordinate with the FDEP, SJRWMD, East Central Florida Regional Planning Council, Florida Fish and Wildlife Conservation Commission, and Orange County regarding management or protection of natural resources. Such intergovernmental coordinating activities shall protect the values and functions of natural systems. The methods for coordinating with other local governments, state, federal, and private plans/programs for conservation of natural resources shall be incorporated into the City's planning process.	
59	Policy 5-51: Enforcement Activities. The City shall protect and conserve the natural functions of existing vegetative communities, fauna, flora, soils, lakes, floodplains, and other identified natural resources.	
60	Policy 5-52: Evaluate Opportunities for Land Acquisition. The City shall annually consider the usefulness and availability of state and federal grant programs for the acquisition lands for conservation areas or passive recreation.	
61	OBJECTIVE 5-7: PROTECT NATIVE VEGETATION AND AQUATIC HABITATS. The City shall protect and retain major vegetative communities, aquatic habitats, and endangered and threatened plant species through implementation of the following policies.	
62	Policy 5-53: Implementing Protection of Vegetative Communities and Lake Habitats. The City shall require that development protect trees and vegetation by minimizing the removal of protected trees and requiring compensation and replanting for the loss of protected trees based on the diameter of tree. The City shall review development plans and shall require minimal lot clearance to preserve vegetation. Plans for lakeshore development shall be reviewed to prevent shoreline erosion, degradation of water quality, and harmful impacts on lake habitat.	Suggested text change as City controls tree removal but not landscape plant removal.
63	Policy 5-54: Preservation of Native Plant Communities. Tree protection and land clearing standards within the Land Development Code shall continue to mandate that new development preserve shoreline vegetation, wetlands, and vegetative habits known to serve as nesting areas or habitat for endangered or threatened species, or that mitigate the impacts of runoff on lakes and wetlands.	
64	Policy 5-55: Removal of Undesirable Exotic Vegetation. All nuisance and invasive exotic plant species shall be removed from development sites by a property owner/developer prior to issuance of a certificate of occupancy.	
65	Policy 5-56: Location of Park and Open Space Dedications. Where park and open space dedications required of new development are placed on-site, they shall be placed in areas that provide the greatest protection to and preserve the most environmentally important and sensitive.	
66	Policy 5-57: Use of Native Plants for Landscaping. Landscape plans and plant materials required of new development shall promote the use of native plant species and avoid the planting of exotic plants known to create nuisances.	
67	Policy 5-58: Restoration of Buffer Strips Along Shorelines. Shoreline landowners shall be encouraged to replace shorelines landscaped in turf grass with buffer strips of native vegetation at least ten feet in width.	
68	OBJECTIVE 5-8: TREES AND TREESCAPE CONSERVATION AND PROTECTION. The City shall maintain, conserve, and foster the extensive tree inventory and tree canopy within the City.	

69	<p>Policy 5-59: Tree Planting Program. The City shall maintain, conserve and foster the extensive tree inventory and canopy within Winter Park by continuing an urban forestry program that includes tree planting, and tree maintenance along City right-of-ways and on City owned property, develop and implement educational programs to assist homeowners with the maintenance and care of trees, and the administration of a tree inventory, keeping record of the location and status of trees within public lands and along public right-of-ways. A comprehensive approach to the management of streetscape trees shall include the following:</p> <ol style="list-style-type: none"> 1. Establish an accurate information database on the existing street tree inventory on a block-by-block basis; 2. Project the useful life expectancy of street trees in order to assess the replacement cost and other implementation requirements. The objective of the data is to assess the likely impact on individual streets when existing street trees die as well as to assess and quantify the requirements for replacement on a block-by-block basis for each fiscal year; 3. As a result of developing accurate forecasts and the costs of the replanting requirements, the City shall develop a funding plan to implement a streetscape tree protection and reforestation program. 	
70	<p>Policy 5-60: Tree Protection from Development Activities. The City shall protect and conserve specimen and other significant trees from destruction by development activities in a manner consistent with the Land Development Code regulations.</p>	Suggested reference.
71	<p>Policy 5-61: Tree City USA Program. The City shall continue to participate in the Tree City USA program and sponsor related arbor celebration events.</p>	
72	<p>Policy 5-62: Establish and Implement a Reforestation Plan. Pursuant to the City's strategic plan, The City shall develop and implement a reforestation plan to maintain and enhance the city's tree canopy.</p>	Suggested text change versus referencing a specific document.
73	<p>OBJECTIVE 5-9: PROTECT FISHERIES, WILDLIFE, AND WILDLIFE HABITATS. The City shall conserve habitat for fish, wildlife, and aquatic species including species that are threatened and endangered.</p>	
74	<p>Policy 5-63: Conduct an Inventory of Natural Habitats. The City shall work cooperatively with others environmental interest groups and agencies having jurisdiction to conduct an inventories of natural habitat remaining within its boundaries.</p>	
75	<p>Policy 5-64 Protect and Restore Areas of Existing Wildlife Habitat. The City shall protect areas of important wildlife habitat through appropriate restoration and management of City owned land, through acquisition of remaining open space, and through application of measures to prevent the filling and development of wetlands. Important areas to be so conserved include:</p> <ul style="list-style-type: none"> • The cypress grove in Kraft Azalea Gardens • Mead Garden • The remaining undeveloped portion of the Genius Property adjacent to Lake Virginia and Lake Mizell • The wetland area of Howell Branch Creek between Lake Sue and Lake Virginia and north of Lake Maitland. 	
76	<p>Policy 5-65 Protect Shoreline Ecosystems. The City shall continue to conserve and protect ecosystems occurring within the littoral zone of lakes by enforcing the City's shoreline protection ordinance.</p>	
77	<p>Policy 5-66: Protect Listed Species. The City shall maintain, to the best of its abilities, the populations of species listed as threatened, endangered and species of special concern, and shall restrict activities known to adversely affect the survival of these species.</p>	
78	<p>Policy 5-67: Coordination with Environmental Agencies. If development activity is proposed on or near property where listed species (endangered, threatened, or species of special concern), the City shall coordinate with the Florida Fish and Wildlife Conservation Commission in determining whether a development permit can be issued.</p>	

79	<p>Policy 5-68: Lake Management Programs. The City shall maintain and enforce its Lake Management Program that prioritizes actions designed to protect, conserve and enhance natural shoreline habitat, aquatic and wildlife habitat and the preservation of threatened or endangered species that use surface waters for habitat.</p>	
80	<p>Policy 5-69: Open Space in New Development. Where natural habitat exists in areas of new development or where open space is required as part of new development, maintaining or restoring natural habitat should be an option for providing open space that may be required by the City.</p>	
81	<p>OBJECTIVE 5-10: SOIL AND SHORELINE PROTECTION. The City shall continually conserve and protect soils through the prevention of soil erosion.</p>	
82	<p>Policy 5-70: Soil Erosion Prevention through Construction Activities. The City shall protect and conserve the natural functions of existing soil resources by requiring construction activities to apply soil erosion prevention techniques to prevent soils from eroding onto adjacent properties, right-of-ways, lakes and streams.</p>	
83	<p>Policy 5-61: Turf Grass and Landscaping Maintenance. Ground plants, trees and turf grass shall be maintained consistent with landscape plans approved by the City. The City shall assure that site vegetation is maintained and complies with the approved landscape plan.</p>	
84	<p>Policy 5-62: Lake Management Program. The City shall continue to fund and operate tree and vegetation planting programs for lakefront areas and littoral zones. The City shall continue to manage the operation of boat docks and accessory structures that may occur along shoreline areas to prevent environmental degradation and ensure public safety.</p>	
85	<p>Policy 5-63: Protection of Littoral Zone Vegetation. The City shall enforce the shoreline protection regulations that provide controls that protect, conserve and enhance significant native vegetative species form destruction by development activities.</p>	
86	<p>Policy 5-64: Construction Activities Consistent with Soil Types. Where soil conditions do not appear to be consistent with proposed construction, the City shall require soil testing and evaluation as a prerequisite to building permits. The City shall limit land uses or construction techniques to best management principles and practices compatible with soil conditions specific to the site.</p>	
87	<p>OBJECTIVE 5-11: MANAGING DISPOSAL OF WASTES. The City shall assure that generation, storage, transport, and disposal of wastes in Winter Park are managed with the best available technology to protect environmental quality.</p>	
88	<p>Policy 5-65: Collection of Residential Hazardous Wastes. The City shall continue to operate the Special Collection Facility for household hazardous wastes and shall cooperate with the Orange County Environmental Protection Division to ensure the proper use, storage, disposal and recycling of hazardous materials.</p>	
89	<p>Policy 5-66: Intergovernmental Coordination for Solid and Hazardous Waste. The City shall continue to coordinate with the Orange County regarding countywide hazardous waste disposal and monitoring programs.</p>	
90	<p>Policy 5-67: Managing Hazardous Waste. The City shall ensure the appropriate locations for the use, handling or storage of hazardous wastes, including their proximity to public water system wellheads and surface water resources. The City shall protect subsurface aquifer water sources by restricting uses within a 500 foot radius surrounding wellfields to those that do not include hazardous materials of any type. Wellhead protection standards shall be consistent with any standards imposed by the SURWMD or the FDEP.</p>	
91	<p>Policy 5-68: Identification of Hazardous Waste. The City shall continue its practice to require the identification of any and all hazardous wastes or materials used or stored by any licensed business within the City. This practice shall continue to be implemented through the review of a business licenses for information regarding hazardous materials to be use or stored on-site.</p>	

92	Policy 5-69: Monitor Small Quantity Generators. The City shall utilize the Fire Department's business inspection program to monitor the businesses using hazardous materials, shall report all potential problems, and shall respond to any resultant problems.	
93	Policy 5-70: Hazardous Waste Mismanagement. The City shall utilize the Fire Department's Inspection Program, Public Works Department Inspection Program and the Code Enforcement Division Inspection Program to seek out, report and mandate corrections to any misuse of hazardous wastes to ensure the public safety and to avoid degradation to natural resources, including water quality.	
94	OBJECTIVE 5-12: PROTECTION OF ARCHAEOLOGICAL AND HISTORIC RESOURCES. Land development and clearing activities shall incorporate appropriate measures to prevent damage to archaeologically and historically significant resources of local, regional, state, and federal significance.	
95	Policy 5-71: Coordinate Archaeological and Historic Preservation Activities. The City shall continue coordination with the Florida Department of State and the federal government to implement City, State, and federal policies for identifying, preserving, and enhancing sites of historical and archaeological significance within Winter Park.	
96	Policy 5-72: Preventing Adverse Impact of Development on Historic or Archaeological Sites. The City shall continue programs to identify and preserve historic places and prevent development impacts from adversely disturbing archaeological sites that are identified during or before construction activity.	
97	Policy 5-73: Protection of Designated Historic Sites. The City shall continue to preserve historic and archaeological resources and protect these resources from adverse impacts of development in a manner consistent with the Land Development Code.	Suggested reference.
98	OBJECTIVE 5-13: EVALUATION OF THE CONSERVATION ELEMENT EFFECTIVENESS. The City shall enforce the following policies to ensure that the Conservation Element protects the natural resources within the City of Winter Park.	
99	Policy 5-74: Review the Impact of Changing Conditions on Conservation Policy. The City shall monitor and evaluate significant changes in the characteristics of natural resources within Winter Park Policy implications of such changes shall be examined and corrective measures shall be pursued. Conservation policies shall be refined as needed in order to remain responsive to evolving problems and issues.	
100	Policy 5-75: Schedule, Budget, and Implement Programmed Activities. The timely scheduling, programming, budgeting and implementation of programmed conservation activities identified in this Element shall be evidence of the City's effectiveness in carrying out a systematic program for implementing conservation goals, objectives, and policies.	
101	Policy 5-76: Coordinate with Public and Private Sectors. While continually implementing and evaluating the Conservation Element, the City shall maintain a process of intergovernmental coordination as well as coordination with private sector groups interested in conservation policy and programs. The effectiveness of this approach shall be evaluated by the success of coordination mechanisms in resolving conservation problems and issues.	
102	Policy 5-77: Achieve Effective Resolution of Conservation Goals, Objectives, and Policies. The effectiveness of the Conservation Element shall be measured by the City's success in achieving conservation goals, objectives, and policies. The Conservation Element incorporates a systematic planning process for identifying conservation problems and issues and implementing corrective measures.	
103	OBJECTIVE 5-14: PROTECTION AND CONSERVATION OF GROUND WATER QUANTITY AND QUALITY. The City of Winter Park shall protect and conserve groundwater quantity and quality so that future development activities are conducted in a manner than, at a minimum meet state water quality standards.	
105	Policy 5-78: Continue Monitoring Water Quality Near Wellfields. Winter Park shall continue a monitoring program and procedures to monitor the water quality in the vicinity of the City's wellfields.	

106	<p>Policy 5-79: Mitigation of Impacts From Private Business. The City shall work with the appropriate regulatory agency to mitigate adverse impacts, if detected, of private businesses which use, generate or produce any material characterized or listed on the Resource Conservation and Recovery Act's or the Environmental Protection Agency's hazardous waste lists.</p>	
107	<p>Policy 5-80: Cooperation with St. Johns River Water Management District for Emergency Water Shortage Plan. Winter Park shall cooperate with the St. Johns River Water Management District in the enforcement of the provisions of their emergency water shortage plans.</p>	
108	<p>Policy 5-81: City to Take Action to Combat Sources of Pollution. Winter Park shall, when identified, take action to combat sources of pollution that could threaten groundwater quality such as malfunctioning drain wells, improperly installed septic tanks, and improper disposal of hazardous waste areas.</p>	

The following chart relates to Chapter 4 – Public Facilities, and outlines all of the Goals, Objectives, and Policies of this Chapter. Space is provided to the right to add any comments/recommendations. Staff comments/changes to this element of the Comprehensive Plan are shown as black underlined text. This element was reviewed by the Lakes and Waterways Board (their comments/changes would be shown in blue underlined text) and the Utility Advisory Board (their comments/changes would be shown in orange underlined text).

No.	Existing Public Facilities Element	Comments
1	4-1: PUBLIC FACILITIES GOALS, OBJECTIVES, AND IMPLEMENTING POLICIES. This section stipulates goals, objectives, and implementing policies for the Public Facilities Element, which includes sanitary sewer, solid waste, potable water, natural groundwater aquifer recharge, and stormwater management <u>and electric utility</u> . The purpose of this element is to provide guidance for appropriate plans and policies needed to meet identified or projected needs in these public facilities.	
2	GOAL 4-1: PROMOTE PUBLIC HEALTH AND SAFETY THROUGH PUBLIC FACILITIES. To ensure the provision of high quality, healthful, effective, reliable and necessary services for coordinated sanitary sewer, potable water, solid waste, drainage and natural groundwater aquifer recharge to city residents, customers and visitors while ensuring protection and preservation of the environment.	
3	OBJECTIVE 4-1.1: PROVIDE SERVICE COSISTENT WITH LEVEL OF SERVICE STANDARDS: Service all new development and redevelopment with potable water, sewerage, stormwater management and solid waste management that meets or exceeds the adopted levels of service.	
4	Policy 4-1.1.1: Infrastructure Available Concurrent with Development. Assure the provision of these infrastructure and public facility and services concurrent with development.	
5	Policy 4-1.1.2: Infrastructure Priority Criteria: Prioritize infrastructure investment based on existing facilities; deficiencies first, replacement and retrofitting of facilities second, and future facility needs third.	
6	Policy 4-1.1.3: Maximize Use of Existing Facilities. Locate public service facilities and utilities so as to maximize their efficiency, minimize their cost, and minimize their impacts on the natural environment.	
7	Policy 4-1.1.4: Use of Interlocal Agreements. Be responsive to opportunities for interlocal agreements with adjacent governments for the purpose of improving and integrating the provision of these public facilities to the areas adjacent to the City.	
8	OBJECTIVE 4-1.2: LAND USE AND PUBLIC FACILITY COORDINATION. Achieve internal consistency in the Comprehensive Plan by managing land use so that new development and redevelopment are permitted only if the necessary public facilities are provided concurrently with the impacts of the development.	
9	Policy 4-1.2.1: Compliance with Concurrency Requirements. The City shall ensure that all development shall be in compliance with applicable state and City concurrency laws-	
10	Policy 4-1.2.2: Coordinate Development Timing with Infrastructure Funding and Availability. Ensure that the location and timing of new development or redevelopment is coordinated with the City's ability to provide and fund public facility improvements.	
11	Policy 4-1.2.3: Location and Timing of Improvements. Consider the location and timing of new public facility construction in requests for land use plan amendments.	
11a	<u>Policy 4-1.2.4: Environmental Impact. Balance the location and project needs of a new public facility and the impact of construction with the desire to conserve and preserve the city's environmental quality.</u>	Per July 20 th Advisory Board Meeting. Board emphasis on environmental viability and sustainability.
12	SANITARY SEWER SUB-ELEMENT GOAL 4-2: SANITARY SEWER. PROVIDE COST-EFFECTIVE WASTEWATER TREATMENT AND ENVIRONMENTALLY ACCEPTABLE EFFLUENT DISPOSAL THROUGH CENTRAL WASTEWATER TREATMENT SYSTEMS.	
13	OBJECTIVE 4-2.1: WASTEWATER COLLECTION AND TREATMENT. Provide users with economically and environmentally sound wastewater collection and treatment, which protects investments in existing facilities and promotes orderly, compact urban growth.	
14	a. Central Wastewater System Policy 4-2.1.1: Sanitary Sewer Minimum Level of Service. The City shall maintain and develop sanitary sewer collection and treatment facilities and systems that provide and ensure that the minimum adopted levels of service for sanitary sewer of 139 gallons per day per capita and 320 gallons per day per equivalent residential unit are available to serve the City and its utility service areas.	
15	Policy 4-2.1.2: Alternative Sources for Sewer Treatment. If the City's central sewer treatment facilities do not have capacity to treat all wastewater flows generated from existing and future demands within the service area, the City shall purchase capacity from nearby sewer providers to assure central sewer service capacities are sufficient to meet or exceed the sanitary sewer level of service standard.	
16	Policy 4-2.1.3: Mandatory Connection to City's Central Sewer System. All new development and redevelopment within the City shall connect to the central sanitary sewer system except as otherwise allowed by policy under Objective 4-2.1.b.	
17	Policy 4-2.1.4: Discourage Duplication of Services. Continue interlocal agreements with adjacent governments, authorities and private utilities on utility service area boundaries so that there are no unnecessary duplications of service lines or conflicts in service provision.	
18	Policy 4-2.1.5: Sewer System Improvements and CIP. Implement sanitary sewer system maintenance and improvement projects in accordance with the Capital Improvements Program (CIP).	

No.	Existing Public Facilities Element	Comments
19	<p>Policy 4-2.1.6: Sanitary Sewer Capacities and Concurrency Management System. As part of the annual preparation of the fiscal year budget, the City's concurrency management system shall be update to identify available capacities within the sewer treatment system operated by the City as well as available capacities reserved through agreements with other sewer service providers. Upon completion of the annual concurrency management system update, the City shall send a copy of the concurrency management report to Orange County or any local other government whose constituents reside or own property within Winter Park's sewer service area.</p>	
20	<p>b. Septic Tanks</p> <p>Policy 4-2.1.7: Prohibit Septic Tanks for New Development within the City Limits. New development and redevelopment within the City limits are prohibited from using septic tank systems except as otherwise allowed under Objective 4-2.1.b All new development within the City limits shall connect to the central wastewater system no later than the issuance of a certificate of occupancy unless otherwise allowed under Objective 4-2.1.b</p> <p>If a sewer collection line is not within 100 feet of a vacant residential lot or a residential lot on which an existing home was demolished or destroyed, septic tanks may be used on an interim basis by a single family home subject to a sewer collection agreement that requires the property owner to connect to the sewer line within five years from the date on which an operating sewer line is available within right-of-way or easements adjacent to the property. An alternative timeframe may be established within the agreement subject to approval by the City Commission, but connection shall occur no later than ten years. The sewer collection agreement shall be established between the property owner and the City, and shall be recorded prior to issuance of a certificate of occupancy.</p> <p>For purposes of this policy, redevelopment shall be defined as improvements equal to 50% of the value of the current structure, based on the most recent building value listed by the Orange County Property Appraiser's Office.</p>	
21	<p>Policy 4-2.1.8: Installation and Operation of Septic Tanks. All septic tanks systems, including drain fields, must comply with Orange County Health Department septic tank policies, standards and criteria.</p>	
22	<p>Policy 4-2.1.9: Elimination of Septic Tanks. For development currently served by septic tanks, the City should evaluate and consider solutions and programs that can be used to encourage connection to the City's utility wastewater system.</p>	<p>Per July 20th Advisory Board Meeting. Board emphasis on creating a goal which would dissolve septic tank use in favor of city wastewater.</p>
23	<p>Policy 4-2.1.10: Elimination of Existing Septic Tanks in Areas with Unsuitable Soils. Existing septic tanks in areas with unsuitable soils shall be required to connect to sanitary sewer facilities within one year from the installation of sewer collection lines within right-of-way or easements adjacent to a parcel. Any problem areas that experience septic tank failures due to unsuitable soils or any areas where septic tank problems are identified by the Orange County Health Department, shall be prioritized for extension of sanitary sewer facilities and the City shall, on its own or in consort with Orange County, require hookup to these sewer facilities with costs reimbursed to the City via property assessments or other contractual agreements.</p>	
24	<p>Policy 4-2.1.11: Prohibit Mounded Drain Fields. Within the City limits, the City shall prohibit the use of mounded or elevated septic tank drain fields.</p>	
25	<p>c. Package Treatment Plants</p> <p>Policy 4-2.1.12: Prohibit Use of Package Treatment Plants. Within the City utility service area, the City shall prohibit the construction and use of private package treatment plants even as an interim service provision. If areas are annexed into the City that are served by package treatment plants, the City shall prepare a plan no later than one year from the annexation date to address closure of the facility and connection to the City's utility wastewater system.</p>	
26	<p>SOLID WASTE SUB-ELEMENT</p> <p>GOAL 4-3: SOLID WASTE SERVICES. AN ENVIRONMENTALLY SAFE, EFFICIENT AND COST EFFECTIVE SYSTEM FOR THE COLLECTION, TRANSFER AND DISPOSAL OF SOLID WASTE.</p>	
27	<p>OBJECTIVE 4-3.1: EFFICIENT SOLID WASTE COLLECTION AND DISPOSAL. Provide safe, sanitary and efficient solid waste collection and contract disposal for all properties within the City and encourage reduction of waste through recycling programs.</p>	
28	<p>Policy 4-3.1.1: Collection Level of Service and Disposal of Standard Solid Waste Materials. Provide bi-weekly <u>Continue</u> solid waste collection and disposal service to all residential and non-residential properties in the City through contractual agreements with waste collection businesses. The level of service provided for collection and disposal shall be consistent with the level of waste generated from development and land uses occurring within the City. The City shall manage collection and disposal services sufficient to accommodate at least an annual average daily level of service of 4.2 pounds per capita.</p>	<p>Per July 20th Advisory Board Meeting and staff comments. Having the ability to change to weekly pickup vs bi-weekly pickup with larger containers would be more sustainable.</p>
29	<p>Policy 4-3.1.2: Disposal Capacity. The City shall continue to require the waste collection provider to secure arrangements with landfill operators regarding sites for disposal of solid wastes. The City shall require within service agreements that the waste collection provider disposes of trash at landfill or similar disposal sites approved by the Florida Department of Environmental Protection.</p>	

No.	Existing Public Facilities Element	Comments
30	Policy 4-3.1.3: Yard Trash and Recyclable Collection and Disposal. Continue yard trash and recyclable collection services through contractual agreements with waste collection businesses. The City shall assure through service agreements with the waste collection provider that yard trash and recyclable collections will be transferred to appropriate recycling or processing centers.	
31	Policy 4-3.1.4: Large and Bulky Trash Pickups for Residential Customers. Through service agreements with the waste collection provider, the City shall require waste collection providers to provide special pickup service for large and bulky trash.	
32	Policy 4-3.1.5: Construction Debris. Construction sites will provide on-site trash containers for construction debris and shall be responsible for arranging regular collection and removal of construction debris to maintain public health and for fire prevention purposes.	
33	Policy 4-3.1.6: Voluntary Recycle Program. Continue the <u>voluntary</u> residential recycling program of newspapers, glass, plastic and aluminum for the City's residential customers. The City shall also require through any new contractual agreements with waste collection providers that recycling programs be offered on a <u>voluntary</u> basis to non-residential customers.	Per July 20 th Advisory Board meeting, Stronger language to encourage recycling and participation in the program should be considered.
34	Policy 4-3.1.7: Public Awareness Program. Continue a public awareness program jointly developed by the City and Waste Management to inform, educate, <u>and urge</u> residents to participate <u>in recycling programs demonstrating the environmental and cost benefits associated with the program.</u>	
35	Policy 4-3.1.8: Implement Recycling Programs. Continue to provide the actions necessary for implementation of the interlocal agreement for county-wide recycling and disposal requirements.	
36	Policy 4-3.1.9: Capacity Concurrent with Development Impacts. The City shall require, before development is permitted, that solid waste disposal facilities be available concurrent with the demand for those facilities in accordance with the adopted level of service. Solid waste disposal facilities means both available landfill capacity necessary for that development and collection mechanisms necessary for transportation of the solid waste to be generated.	
37	Policy 4-3.1.10: Coordination with County Landfill Capacity. The City shall annually coordinate with Seminole County and Orange County regarding status of existing and future landfill capacity. Prior to entering into a service agreement with a waste collection provider, the City shall require the service provider to demonstrate that landfill sites are available and accessible to the provider for the duration of the service agreement.	
38	Policy 4-3.1.11: Hazardous Waste Collection and Disposal. The City shall continue to support Orange County's hazardous waste collection and disposal program by informing and educating citizens and businesses regarding proper disposal needs as well as the location of County hazardous waste disposal sites.	
39	DRAINAGE SUB-ELEMENT GOAL 4-4: DRAINAGE. PROVIDE STORMWATER DRAINAGE TO PROTECT AGAINST FLOOD CONDITIONS AND PREVENT DEGRADATION OF QUALITY OF RECEIVING WATERS.	
40	OBJECTIVE 4-4.1: STORMWATER MANAGEMENT AND WATER QUALITY. Provide adequate drainage and stormwater management prior to discharge of stormwater to lakes and streams so as to ensure protection from flooding and limit degradation of receiving water quality.	
41	Policy 4-4.1.1: Stormwater Quantity Level of Service. The City adopted a drainage facility level of service standard for new development or redevelopment that requires design of drainage facilities <u>and low impact development techniques to eliminate or minimize stormwater runoff discharges as well as the retention and treatment of the first inch of stormwater</u> to be consistent with the requirements Chapter 62-25 Section 25.040, F.A.C and Chapter 62-302.500 F.A.C. <u>However, in certain circumstances, the City's stormwater regulations may require that this be accomplished in excess of these standards by excluding the use of underground retention facilities or may require properties to comply with these standards, where not required by these State rules, when undergoing redevelopment wherein the Stormwater Board of Appeals may allow the accomplishment of this level of service off-site.</u>	Per July 20 th Advisory Board Meeting. Board emphasis on including language for regulations in excess of State mandates.

No.	Existing Public Facilities Element	Comments
42	Policy 4-4.1.2: Stormwater Quality Level of Service. Stormwater facilities and site development shall be designed to prevent runoff from lowering water quality within freshwater lakes below the minimum conditions necessary to maintain State classifications as established in Chapter 62-302, F.A.C. <u>Stormwater treatment is required by retention of up to two inches of runoff on newly developed and redeveloped sites.</u>	Suggested text change.
43	Policy 4-4.1.3: Stormwater Design Compatibility with Natural Systems. Stormwater retention/detention areas located outside of public right-of-way, and which are visible to or accessible to the public, shall be designed and landscaped to appear as a natural waterbody unless determined by the City that public health or safety may be threatened. Such stormwater detention or retention areas shall be designed so that the shorelines are sinuous rather than straight, and so that water/land interfaces are curvilinear.	
44	Policy 4-4.1.4: Roadway Stormwater Facilities. New subdivisions or other development projects creating new public or private roads shall provide stormwater retention and detention for all new roadways constructed consistent with the <u>first inch retention</u> requirements of Section 62-25 F.A.C, Regulation of Stormwater Discharge; Chapter 62-25, Section 25.040 F.A.C; and Chapter 62-302.500 F.A.C.	
45	Policy 4-4.1.4: Roadway Stormwater Facilities. New subdivisions or other development projects creating new public or private roads shall provide stormwater retention and detention for all new roadways constructed consistent with the requirements of Section 62-25 F.A.C, Regulation of Stormwater Discharge; Chapter 62-25, Section 25.040 F.A.C; and Chapter 62-302.500 F.A.C.	
46	Policy 4-4.1.5: Compliance with Stormwater and Lakes Management Plan. Development and redevelopment shall comply with all applicable stormwater design and facility requirements established within Stormwater and Lakes Management plans approved by the City Commission. Site design shall accommodate and occur consistent with the stormwater retention/detention design as set forth within the stormwater plan.	Suggested text change. Florida Department of Environmental Protection states that the National Pollutant Discharge Elimination System (NPDES) permit requirements suffice for a stormwater management plan.
47	Policy 4-4.1.6: Stormwater Design for Redevelopment Not Subject to Approved Stormwater and Lakes Management Plans. Redevelopment must retrofit existing development sites to meet the City's stormwater design and level of service standards, or to comply with the requirements of stormwater master plans approved when renovation value to buildings exceeds 50% of its market value. The market value shall be determined according to the most recent valuations listed by the Orange County Property Appraiser's office. A stormwater master plan must have been approved by the City Commission.	Suggested text change. This policy applies to Policy 4-4.1.1 and 4-4.1.2.
48	Policy 4-4.1.57: Eliminate Discharge to Lakes <u>Eliminate Localized Flooding and Pollutant Discharge to Lakes through the Stormwater Utility Capital Improvement Plan Program.</u> The City's Stormwater Utility CIP Program shall include a continuous program of capital <u>the implementation drainage improvement projects to eliminate localized flooding.</u> The City's CIP also includes <u>which work water quality projects to eliminate pollutants by reducing nutrient loads from to eliminate stormwater runoff that direct discharges of stormwater directly into lakes and drainage wells.</u> <u>This is accomplished by retrofitting the drainage systems to include solids removal technologies and stormwater retention to allow-and percolation into the ground.</u> <u>These CIP projects shall be implemented through methodologies equivalent to the standards referenced in Policies 4-4.1.1 and 4-4.1.2. prior to discharge or overflow into the lakes or drainage wells.</u>	
49	Policy 4-4.1.68: Stormwater Utility Fees and Revenues-Program. Continue collecting, monitoring and adjusting the stormwater utility fees as required to fully fund the City's stormwater program. The stormwater utility revenues to be set aside for the stormwater capital improvement plan with the balance toward drainage operation and maintenance costs,as a funding source for drainage operations, maintenance and capital improvements, and implement capital improvements as programmed in the Capital Improvements Plan. Additionally, continue to apply for stormwater management cost share programs as a supplemental funding source.	
50	Policy 4-4.1.9: Continue the Use of Stormwater utility Revenue for Capital Improvements. Continue the use of stormwater utility revenue to be set aside for capital stormwater improvement projects with the balance toward drainage operation and maintenance costs. Additionally, continue to apply for stormwater management cost share programs a supplemental funding sources.	Suggested text change. Language for this policy is provided in Policy 4-4.1.6.
51	Policy 4-4.1.740: Require Stormwater Analysis and Treatment Implementation with Redevelopment Plans. To create opportunities for efficient use of land, innovative site design, and conformance with desired land use plans and development character, the City shall require stormwater analysis and treatment implementation as part of redevelopment plans involving multiple properties. The City shall also encourage or consider the preparation of stormwater master plans in conjunction with proposed neighborhood plans.	
52	POTABLE WATER GOAL 4-5: POTABLE WATER. PROVIDE ALL USERS WITH ECONOMICALLY AND ENVIRONMENTALLY SOUND POTABLE WATER PRODUCTION, TREATMENT AND DISTRIBUTION SYSTEMS WHICH MEET THEIR NEEDS FOR QUANTITY, QUALITY, AND SAFETY.	

No.	Existing Public Facilities Element	Comments
53	OBJECTIVE 4-5.1: PROVIDE POTABLE WATER TO MEET CUSTOMER NEEDS. The City shall provide water production, treatment and distribution facilities, and equipment necessary to meet the needs of its customers and necessary to meet adopted level of service standards through the year 2020.	
54	Policy 4-5.1.1: Potable Water Level of Service. The City adopts potable water minimum level of service standards of 150 gallons per capita per day for average usage and 225 gallons per capita per day for peak usage.	
55	Policy 4-5.1.1: Potable Water Level of Service. The City adopts potable water minimum level of service standards of 150 gallons per capita per day for average usage and 225 gallons per capita per day for peak usage.	
56	Policy 4-5.1.2: Compliance with Florida Department of Environment (FDEP) and Insurance Service Organization (ISO) Public Water System Standards. Water production, treatment and distribution facilities shall be maintained, operated, and improved in a manner necessary to continue meeting the adopted level of service standards, FDEP water quality criteria set forth in Chapter 64-550, FAC, and ISO fire flow criteria.	
57	Policy 4-5.1.3: Provide Capital Improvements to Meet Level of Service Standards. The City shall invest in the water production capital improvement projects itemized in the Capital Improvements Element that are required to maintain level of service standards set forth in Policy 4-5.1.1 and 4-5.1.2.	
58	Policy 4-5.1.4: Capital Improvement Investment for Water System. The City shall invest in the water distribution improvement projects itemized in the Capital Improvements Element.	
59	Policy 4-5.1.5: Mandatory Connection to Water System. The City shall require all new development within the water utility service area to utilize the City's potable water for consumptive, non-irrigation uses.	
60	Policy 4-5.1.6: Water Capacity Concurrent with Development Impacts. Water capacity in the Winter Park Utility system shall be available consistent with the City's adopted level of service standards prior to issuance of a City building permit. For development within the Winter Park Utility service area but outside the City's boundaries, the City shall not issue a connection permit unless water capacity is available consistent with the City's adopted level of service standard.	
61	Policy 4-5.1.7: City Participation in Opportunities Generated by Development Activities. The City shall cooperate with developers in financially participating in the cost of over-sizing new water mains or looping water systems when there is a need for such improvement and when there is an economic efficiency benefit to the City in such participation.	
62	Policy 4-5.1.8: Implementation of City Water Supply Facilities Work Plan. The Water Supply Facilities Work Plan located in the Data Inventory and Analysis section of this Public Facilities Element is hereby adopted as an exhibit to this element.	
63	Policy 4-5.1.9: Multi-jurisdictional Planning Initiatives. Identify partnerships with surrounding utilities such as Orange County, Orlando Utilities Commission, and Seminole County on regional water supply development projects to provide wholesale water to the City of Winter Park. Such projects include working with the Seminole County and exploring the technical and institutional feasibility of developing the Lake Monroe alternative and the preliminary design for the St. Johns River near Deland and Lower Ocklawaha River Alternative Water Supply projects.	
64	OBJECTIVE 4-5.2: POTABLE WATER CONSERVATION AND PROTECTION OF GROUNDWATER SUPPLIES. Conserve potable water supply to encourage reduction in water demand; to prevent and reduce wasteful, uneconomical, impractical, or unreasonable use of water resources; and to preserve natural groundwater aquifer supplies for existing and future population by continuing distribution of reclaimed water as a source for non-potable water and by promoting water conservation programs.	
65	Policy 4-5.2.1: Water Reclamation. The City shall continue to apply treated effluent as reuse water for irrigation within parks, open space areas, golf courses, and cemeteries. Reuse lines shall be expanded as opportunities arise to provide additional areas of the City with reclaimed water for irrigation purposes. Expansion of the reuse lines and reclaimed water shall also occur consistent with requirements set forth by the St. Johns River Water Management District within the City's consumptive use permits.	
66	Policy 4-5.2.2: Participation in the East-Central Florida Water Supply Planning Initiative. In an effort to cooperatively work with local governments and the SJRWMD in a planning process to find and prioritize regional water supply solutions, the City will continue participation in this intergovernmental involvement program sponsored by the SJRWMD.	

No.	Existing Public Facilities Element	Comments
67	Policy 4-5.2.3: Promote Low Water Use Landscaping and Plants. At least fifty (50%) percent of landscape plants used to meet City landscaping requirements for new development and redevelopment shall use native or drought resistant vegetation.	
68	Policy 4-5.2.4: Water Conservation Plans and Education Programs. The City will cooperate with the SJRWMD to implement and participate in water conservation activities and programs required by the City's consumptive use permit issued by the SJRWMD. The City will also continue to educate water users in the use of water conservation techniques by posting information on the City's website or having such information available to the public through the Public Works Department and Utility Division.	
69	Policy 4-5.2.5: Water Conservation Fixtures. New construction shall be required to use water fixtures that efficiently distribute water in a manner that reduces overuse and promotes water conservation.	
70	Policy 4-5.2.6: Support Activities Related to Priority Water Resource Caution Area (PWRCA). The City shall cooperate with the SJRWMD regarding regional water management activities and programs to use alternative sources for water supply to promote reduced future reliance on groundwater aquifers.	
71	NATURAL GROUNDWATER AQUIFER RECHARGE SUB-ELEMENT GOAL 4-6: GROUNDWATER AQUIFER RECHARGE AND GROUNDWATER SUPPLY. TO MAINTAIN AND PROTECT THE NATURAL GROUNDWATER AQUIFER RECHARGE FUNCTIONS AND CAPABILITIES OF WINTER PARK.	
72	OBJECTIVE 4-6.1: AUGMENT AQUIFER RECHARGE AND PROTECT WELLFIELD CONES OF INFLUENCE. The City shall reduce potential for contamination of groundwater aquifer through stormwater management practices and through management of land use activities that may threaten groundwater quality near wellfield sites.	
73	Policy 4-6.1.1: Stormwater Retention and Detention for Roadway Runoff. New subdivisions and development constructing new or modifying existing public roads, shall provide stormwater retention and detention for all new roadways constructed <u>at a minimum</u> consistent with the first inch retention requirements of Section 62-25, Regulation of Stormwater Discharge; Chapter 62-25, Section 25.040; and Chapter 62-302.500 F.A.C.	Suggested text change per July 20 th Advisory Board meeting.
74	Policy 4-6.1.2: Stormwater Management Regulations: The City shall require one inch stormwater retention meeting the referenced state standards not only for new development, but also for redevelopment wherein property owners must retrofit existing developed sites when those buildings undergo renovations exceeding 50% of the value of those structures.	
75	Policy 4-6.1.3: Impervious Coverage and Groundwater Percolation. The City shall require, by virtue of landscaping requirements, retention requirements or impervious coverage limits that single family properties may not exceed 50% impervious coverage, or 60% when limited and restricted to a one story residence; low density residential may not exceed 65% impervious coverage, multi-family residential and planned developments may not exceed 75% impervious coverage; and non-residential development may not exceed 85% impervious coverage, except in areas designated as Central Business District.	
76	Policy 4-6.1.4: Eliminate Direct Discharge into Surface Waters. The City's Stormwater Utility Program shall include a continuous program of capital drainage improvement projects which work to eliminate direct discharge of stormwater into lakes and drainage wells by retrofitting the drainage system to include retention and percolation of stormwater equivalent to the standards referenced in Policies 4-4.1.1 and 4-4.1.2 prior to discharge or overflow into the lakes or drainage wells.	
77	Policy 4-6.1.5: Wellfield Protection Area. A wellfield protection area is established within a 500 foot radial setback distance for a public well. The intent of wellhead protection area is to protect potable water wells, as defined in Rule 62-521.200, FAC, from contamination, and to prevent the need for their replacement or restoration due to contamination. Land uses and construction within the wellfield protection zone shall not create a threat to groundwater quality resulting from contamination entering the ground. Use and activities within the wellfield protection areas shall be consistent with the requirements and prohibitions stipulated within Section 62-521.400, FAC, Ground Water Protection Measures in Wellhead Protection Areas.	

No.	Existing Public Facilities Element	Comments
78	<p>Policy 4-6.1.6: Protect Effective Aquifer Recharge Areas The City shall preserve the predevelopment conditions of highly effective aquifer recharge areas as depicted on Map 4-3 in this element with regard to soil type, drainage rates, grade elevation, so as to minimize the reduction in the recharge of the surficial aquifer. A field analysis shall be required to delineate the area enveloped by the highly effective aquifer recharge area. The groundwater level and fluctuations shall not be worse than under predevelopment conditions. Highly effective aquifer recharge areas shall be designated on the Future Land Use Map series. Map 4-3 in this element and shall be all areas with recharge rates over four (4) inches per year.</p>	
79	<p><u>ELECTRIC UTILITY SUB-ELEMENT</u></p> <p><u>GOAL 4.7: ELECTRIC UTILITY. PROVIDE COST-EFFECTIVE AND RELIABLE ELECTRIC SERVICE THROUGHOUT THE CITY.</u></p>	
80	<p><u>OBJECTIVE 4.7.1: ELECTRIC DISTRIBUTION.</u> Provide users with an economically and environmentally sound electric utility, protecting investments in existing facilities and promoting orderly, compact urban growth.</p>	
81	<p><u>Policy 4.7.1.1: Level of Service.</u> The City shall maintain and develop a level of service consistent with the reliability and service rates of the region.</p>	
82	<p><u>Policy 4.7.1.2: Design and Construction.</u> The City shall use design and construction standards that are environmentally sensitive, safe, cost-effective, and appropriate, and that minimize their impact on surrounding neighborhoods.</p>	
83	<p><u>Policy 4.7.1.3: Mandatory Connection to City's Electric System.</u> All new development and redevelopment within the City shall connect to the city's electric utility system.</p>	
84	<p><u>Policy 4.7.1.4: Undergrounding of new electrical lines:</u> The City will shall require the undergrounding of all new electrical lines except that interim installation of new aerial facilities, on a temporary basis, may be allowed when accompanied by a plan for permanent underground power to underground the lines in a timely manner. Upon certification of occupancy, interim overhead installation shall be removed</p>	
85	<p><u>Policy 4.7.1.5: Electric Undergrounding.</u> The city will continue to shall pursue its electric undergrounding program in a timely and cost efficient manner. This includes the undergrounding of all primary and secondary overhead lines in the city. The city is expected to have this completed by end of calendar year 2026. Undergrounding competition is defined as all primary and secondary overhead lines where secondary lines do not include service lines to residential and commercial properties.</p>	<p>Suggested text change per advisory board meeting on July 27th. Time certain per city electric utility staff.</p>
86	<p><u>Policy 4.7.1.6: Trees and vegetation.</u> The City will shall apply directional pruning of trees and phased replacement of improperly located vegetation in the right of way wherever appropriate. The pruning and trimming of trees will be performed in an environmentally sensitive and aesthetically acceptable manner according to the City Urban Forestry Division.</p>	
87	<p><u>Policy 4.7.1.7: Emergency preparedness.</u> The City shall coordinate emergency preparedness and response with local and regional utility providers.</p>	
88	<p><u>Policy 4.7.1.8: Discourage Duplication of Services.</u> The City shall continue interlocal agreements with adjacent jurisdictions, authorities and private utilities on utility service area boundaries so that there are no unnecessary duplications of service lines or conflicts in service provision.</p>	<p>Suggested text change per advisory board meeting on July 27th.</p>
89	<p><u>Policy 4.7.1.9: Electric Utility Improvements and CIP.</u> The City shall implement electric utility system maintenance and improvement projects in accordance with the Capital Improvements Program (CIP).</p>	<p>Suggested text change per advisory board meeting on July 27th.</p>
90	<p><u>Policy 4.7.1.10: Electric Utility Incentive Programs.</u> The electric utility will shall explore opportunities for incentive programs and rebates to ensure a positive economic environment for residents and businesses.</p>	<p>Suggested text change per advisory board meeting on July 27th.</p>
91	<p><u>Policy 4.7.1.11: Alternative technologies.</u> The City shall facilitate cost-effective and environmentally sensitive alternative technologies and energy sources where appropriate.</p>	
92	<p><u>Policy 4.7.1.12: Resource conservation.</u> The City shall facilitate and encourage conservation of energy resources.</p>	