

### 506 WEST BERCKMAN STREET FRUITLAND PARK, FL 34731

### **Board Members:**

City Manager Gary La Venia, Chairman City Engineer Duane Booth City Land Planner Greg Beliveau Jeff Gerling, Building Official Judd Wright, Fire Inspector Tracy Kelley, CDD

### **Board Members:**

Interim Chief Eric Luce, Police Department, Vice Chair Chief Donald Gilpin, Fire Department Dale Bogle, Public Works Director Lori Davis, Code Enforcement

### AGENDA TECHNICAL REVIEW COMMITTEE FEBRUARY 5, 2019 10:00AM

- I. MEETING CALLED TO ORDER:
- **II. MEMBERS PRESENT:**
- III. MINUTES FROM PREVIOUS MEETING: Approve meeting minutes from October 2, 2018

### IV. OLD BUSINESS: NONE

### V. NEW BUSINESS:

A. IC International Carwash

Wicks Engineering submitted a revised Site Plan on behalf of registered property owner. FDOT has denied the northern right in/right out driveway entrance off US Hwy 27/441; the site and landscape plans have been revised showing the removal of the northern driveway. Lake County Public Works is no longer requiring sidewalk construction along project adjacent to CR 25 /S Dixie Ave.

B. Leesburg Fruit Company, Inc. /Rufus M. Holloway, Trustee /Holloway Properties, Inc.

Wicks Engineering submitted a Rezoning Application on behalf of registered property owner. The proposed rezoning is requesting to allow Mixed Community PUD as shown on the concept plan for the project.

C. The Glen Final Plat Phases 11-13

Springstead Engineering submitted a Final Plat Application on behalf of registered property owner. The application is for final plat approval for The Glen Phases 11-13.

### **MEMBERS' COMMENTS:**

### **ADJOURNMENT:**

PHONE: 352/ 360-6727 FAX: 352/ 360-6652



### 506 WEST BERCKMAN STREET FRUITLAND PARK, FL 34731

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### **Board Members:**

Interim Chief Eric Luce, Police Department, Vice Chair Chief Donald Gilpin, Fire Department Dale Bogle, Public Works Director Lori Davis, Code Enforcement

### MINUTES TECHNICAL REVIEW COMMITTEE OCTOBER 2, 2018 10:00AM

- I. MEETING CALLED TO ORDER: Meeting called to order 10:01A.M.
- **II. MEMBERS PRESENT:** Board members present with the exception of Jeff Gerling, Building Official; Judd Wright, Fire Inspector and Chief Donald Gilpin, Fire Department.
- III. MINUTES FROM PREVIOUS MEETING: Motion to approve meeting minutes from September 4, 2018 by Dale Bogle, Public Works Director. Second by City Engineer Brett Tobias, BESH. Approved.

### IV. OLD BUSINESS: NONE

### V. NEW BUSINESS:

A. Picciola Reserve Phase 2 Lot Split (ALT Key #1289050)

Ken Wagner of 4 Corners Property Solutions, LLC proposes a lot split on a vacant parcel for the purpose of building two new single family residences.

Present Applicant Ken Wagner and gave introduction for lot split application. City Engineer Brett Tobias, BESH, recommended re-plat in lieu of lot split. Engineer Tobias recommends joint use driveway with the sidewalk extended to the edge of the easement. CDD Tracy Kelley instructed applicant to correspond with United States Postal Service for proper mailbox location.

City Engineer Tobias made applicant aware a variance would be required from the eighty foot (80') road frontage requirement. The City will waive preliminary plat requirements per City Engineer Tobias and City Land Planner Beliveau.

Applicant Ken Wagner to resubmit application. Revised application will move to informal TRC as another formal TRC is not required.

**MEMBERS' COMMENTS:** No additional comments.

ADJOURNMENT: Meeting adjourned 10:13A.M.



Wicks Engineering Services, Inc.

225 West Main Street + Tavares, Florida 32778 P (352) 343-8667 F (352) 343-8665

January 15, 2019

Tracy Kelly City of Fruitland Park 506 W. Berckman Street Fruitland Park, FL 34731

RE: Final Site Plan Submittal Revisions 1/15/2019 Cover Letter

Dear Ms. Kelly:

FDOT has denied the northern right in/right out driveway entrance off US/Hwy 27, so we had to revise the site plan. The northern driveway entrance (right in/right out) has been removed from the site plan and the landscape plan was also revised showing the removal of the northern driveway entrance. No other revisions were made to the plans.

Also, please note based on past conversations and email correspondence from Lake County Public Works regarding the requirement for the sidewalk along the section of the project adjacent to the CR 25 (S. Dixie Av), this has been determined to be a suggestion by Lake County and not a requirement. This area has not been disturbed by this project and as such has been determined by Lake County Public Works as not being required. No sidewalk for this area is shown on the plans.

Let us know if you have any questions or need additional information.

Sincerely,

Wicks Engineering Services, Inc.

Ted Wicks

Kenneth R. "Ted" Wicks P.E. President



# IC INTERNATIONAL CAR WASH FRUITLAND PARK, FLORIDA 34731



AERIAL MAP ALTERNATE KEY #1170621 SCALE: 1"=200'



Wicks Engineering Services, Inc.

225 West Main Street, Tavares, Florida 32778 www.wicksengineering.com (352) 343–8667 C.A. #30062

**INDEX OF SHEETS** COVER SHEET GENERAL NOTES GENERAL UTILITY NOTES SURVEY DEMOLITION & EROSION CONTROL PLAN SITE PLAN GEOMETRY PLAN GRADING & DRAINAGE PLAN AUTOTURN SIMULATION (FIRE TRUCK) AUTOTURN SIMULATION (GARAGE TRUCK) 10. ENTRANCE ROAD PLAN & PROFILE 11. UTILITY PLAN 12. 13. LIFT STATION DETAIL CONSTRUCTION, DRAINAGE & UTILITY DETAILS 14. 15. UTILITY DETAILS 16. LANDSCAPE PLAN 17. BUILDING ELEVATIONS & DESIGN STANDARDS OWNER: FRUITLAND PARK HOLDINGS, LLC. TEJINDER GREWALL, MANAGER 1330 SAXON BLVD. ORANGE CITY, FL. 32763 PHONE: 480-717-7100

EMAIL: TJ@TJOIL. NET

2 Services, Engineering **Wicks**  $\sim$  $\sim$ 4  $\sim$ Ś RWA  $\succ$  $\propto$ A TION, VER S FRUITLA -RNATI COVE 41 Η  $\overline{4}$ Z  $\sim$  $\sim$ ΗWΥ  $\sum$ US KENNETH R. WICKS, P.E. FL. REG. NO Sh

7136 Car Wash Total dwg. Sht 1 Cover Sheet 1/15/2019 5:11:04 AM, Rob. AutoCAD PDF (General Documentation) pc3, ARCH expand D (36:00 x 24:00 lpches)

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### TES (CONT)

C: THE CONTRACTOR SHALL BE RESPONSIBLE, DURING THE IN, FOR PROPER MAINTENANCE, CONTROL, AND DETOUR OF CONSTRUCTION. ALL TRAFFIC CONTROL AND MAINTENANCE N ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA DRTATION INDEX #600 AND LAKE COUNTY, FLORIDA, WITHIN OF JURISDICTION. IT SHALL BE THE CONTRACTOR'S ER, PRIOR TO SUBMITTING HIS BID, TO DETERMINE THE AGENCIES SO THAT HIS PROPOSAL REFLECTS ALL COSTS TO BE OR ADDITIONAL PAYMENT SHALL BE CONSIDERED FOR COSTS ROPER MAINTENANCE, CONTROL, DETOUR, AND PROTECTION OF

JNDER ROADWAYS SHALL BE COMPACTED TO AT LEAST 98% OF S SPECIFIED IN AASHTO T-180. ALL OTHER FILL AREAS ARE T LEAST 95% OF THE MAXIMUM DENSITY AS SPECIFIED IN TERIALS SHALL BE PLACED AND COMPACTED IN A MAXIMUM OF CTOR SHALL PROVIDE THE ENGINEER AND OWNER WITH ALL ESTING RESULTS. RESULTS SHALL BE PROVIDED ON A TIMELY OR TO CONTRACTOR'S PAY REQUEST SUBMITTAL FOR THE

-OF-WAY SHALL BE FINISH GRADED WITH A SMOOTH TRANSITION ALL SWALES SHALL BE STABILIZED IMMEDIATELY AFTER FINAL D AREAS SHALL BE RAKED CLEAN OF ALL LIMEROCK AND ER FINAL GRADING IN ACCORDANCE WITH THE CONSTRUCTION INSPECTION. ALL GRASSING SHALL BE MAINTAINED BY THE ACCEPTANCE BY THE OWNER.

### AND EARTHWORK NOTES

NATE WITH UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION S, ELECTRICAL PERMITS OR OTHER PERMITS AS APPLICABLE. IDINATE FULLY WITH UTILITY COMPANIES ON EXACT LOCATION ES PRIOR TO EXCAVATION.

MATERIALS GENERATED BY DEMOLITION OR SUBSEQUENT S SHALL BE DISPOSED OFF-SITE IN A LEGAL MANNER AT AN SILITY. THE CONTRACTOR SHALL OBTAIN ANY AND ALL PERMITS N, CONSTRUCTION WORK AND HAULING WASTE MATERIAL. ALL PERMIT FEES SHALL BE THE RESPONSIBILITY OF THE

RESPONSIBLE FOR PAVEMENT REPAIRS AND/OR RESURFACING TO CH ARE SAW-CUT OR DAMAGED DURING CONSTRUCTION.

AMINATED MATERIALS SHALL BE DISPOSED OF IN A MANNER EER IN ACCORDANCE WITH FEDERAL STATE, AND LOCAL O TREE PROTECTION REQ.)

EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN BEST INFORMATION AVAILABLE, AND ARE GIVEN FOR THE ONTRACTOR. PRIOR TO THE START OF ANY CONSTRUCTION THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS THE NECESSARY ARRANGEMENTS FOR FIELD VERIFICATION OF THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING ITY TO ENSURE THE INTEGRITY OF THE SYSTEM.

TILITY LINES, CONTRACTOR SHALL VERIFY FLOW DIRECTIONS WHICH ARE TO REMAIN. IF DEMOLITION WILL CUT OFF THESE , ARCHITECT, OWNER (AND/OR OWNERS REPRESENTATIVE) MEDIATELY.

PERFORM HIS OWN INVESTIGATIONS AND CALCULATIONS AS HIMSELF OF EARTHWORK QUANTITIES. THERE IS NO IMPLICATION CES, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FOR REMOVAL AND DISPOSAL OF EXCESS MATERIALS.

CONTRACTOR DISTURB SURROUNDING PROPERTIES OR TRAVEL ON S WITHOUT WRITTEN CONSENT FROM THE PROPERTY OWNER. TION OF DAMAGED AREAS ON SURROUNDING PROPERTIES SHALL CONTRACTOR ON AN IMMEDIATE BASIS. ALL COSTS FOR REPAIRS BILITY OF THE CONTRACTOR AND NO EXTRA COMPENSATION

BE RESPONSIBLE FOR CLEARING AND GRUBBING FOR SITE G CLEARING FOR PAVING, UTILITIES, DRAINAGE FACILITIES AND ALL AREAS TO BE CLEARED SHALL BE FIELD STAKED AND R AND ENGINEER PRIOR TO ANY CONSTRUCTION.

OR THE PROJECT, A BURN PERMIT MUST BE OBTAINED FROM THE EPARTMENT OF FORESTRY PRIOR TO BURNING ANY MATERIAL.

A BURNING PERMIT TO ALLOW BURNING OF CLEARED FOLLOWING CONDITIONS ARE MET: NERATOR PROCESS IS USED DURING THE BURNING PROCESS. LEAST 300 FEET AWAY FROM ANY STRUCTURE. LEAST 100 FEET AWAY FROM THE ROAD.

ED SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE LOCATIONS AS SPECIFIED BY THE OWNER. MATERIALS SHALL ELY AS TO USABLE (NON ORGANIC) FILL STOCKPILES AND PILES IF MUCK IS ENCOUNTERED. CONTRACTOR SHALL BE EMOVAL OF ALL UNSUITABLE FILL MATERIALS FROM THE SITE. SHALL BE EXCAVATED OUT AND REPLACED WITH CLEAN

LL CONTAIN NO MUCK, STUMPS, ROOTS, BRUSH, VEGETATIVE HER MATERIAL THAT WILL NOT COMPACT INTO A SUITABLE AND L SHALL BE CLEAN, NON-ORGANIC, GRANULAR MATERIAL WITH SSING THE NO. 200 SIEVE.

### SEDIMENT CONTROL NOTES BE RESPONSIBLE FOR: (NPDES) PERMITTING:

SUBMITTING FDEP NOTICE OF INTENT (NOI) RMINATION (NOT) APPLICATIONS AND FORMS. NTENT APPLICATION FEES. DEP STORMWATER POLLUTION PREVENTION

OR CONSTRUCTION, THE CONTRACTOR SHALL POST A COPY OF DEPARTMENT OF ENVIRONMENTAL PROTECTION NPDES NOTICE ORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AT

OBTAIN COPIES OF THE APPROPRIATE WATER MANAGEMENT TO COMMENCING WORK FOR THIS PROJECT AND HAVE POSTED

BIDITY BARRIERS MUST REMAIN IN PLACE AND BE MAINTAINED ALL LOCATIONS SHOWN UNTIL CONSTRUCTION IS COMPLETE, ND VEGETATION HAS BEEN ESTABLISHED.

AEASURES SHOWN HEREON ARE INTENDED AS MINIMUM N CONTROL REQUIRED BEYOND THAT SPECIFIED TO MAINTAIN CONSIDERED AS INCLUDED WITHIN THIS CONTRACT.

### EROSION & SEDIMENT CONTROL NOTES (CONT)

- 6. ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO THE LOCAL WATER MANAGEMENT DISTRICT, AND FLORIDA DEPT. OF ENVIRONMENTAL PROTECTION STANDARDS, FDOT INDEX #102 AND BEST MANAGEMENT PRACTICES. HAY BALES ARE NOT ACCEPTABLE. COCONUT FIBER MATERIALS ARE ACCEPTED.
- 7. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN CONSTRUCTION.
- 8. ALL PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, AND ANY DISTURBED LAND AREAS SHALL BE COMPLETED WITHIN 15 CALENDAR DAYS AFTER FINAL GRADING. ALL TEMPORARY PROTECTION SHALL BE MAINTAINED UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.
- 9. PRIOR TO INITIATING CONSTRUCTION OF PLANNED IMPROVEMENTS, ALL WRA'S WILL BE EXCAVATED AND ROUGH GRADED TO PROVIDE SEDIMENT AND RUNOFF CONTROL DURING CONSTRUCTION.
- 10. ALL DISTURBED AREAS WILL BE BROUGHT TO FINAL GRADE AND SEEDED AND MULCHED AS SOON AS POSSIBLE.
- 11. AREAS WHICH MAY ERODE DUE TO SLOPES OR CONCENTRATED RUNOFF DURING CONSTRUCTION WILL BE TREATED. TEMPORARY SLOPE DRAIN PROTECTION WILL BE PROVIDED PER FDOT ROAD DESIGN STANDARD INDEX NO. 100.
- 12. OFF SITE DISCHARGE OF UNTREATED STORMWATER WILL BE PREVENTED USING TEMPORARY BERMS AND DIKES WHERE NEEDED.
- 13. INSPECTIONS SHALL BE MADE IN ACCORDANCE WITH THE NPDES PERMIT BY THE CONTRACTOR TO DETERMINE THE EFFECTIVENESS OF EROSION/SEDIMENT CONTROL EFFORTS. ANY NECESSARY REMEDIES AND MAINTENANCE SHALL BE PERFORMED WITHOUT DELAY.
- 14. ALL MUD, DIRT OR OTHER MATERIALS TRACKED OR SPILLED ONTO EXISTING PUBLIC ROADS AND FACILITIES, DUE TO CONSTRUCTION SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
- 15. EROSION AND SEDIMENT MATERIALS FROM THIS PROJECT SHALL BE CONTAINED ON-SITE AND NOT ALLOWED TO COLLECT ON ANY OFF-SITE AREAS OR IN WATERWAYS. THESE INCLUDE BOTH NATURAL AND MAN-MADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES AND PONDS.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL DEWATERING PERMITS.

### STORMWATER AND GRADING NOTES

- 1. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED OR LINED WITH APPROVED REINFORCED EARTH MATTING. APPROVED RIP RAP PER FDOT INDEX #100 MUST BE PLACED AS NECESSARY TO CONTROL EROSION.
- 2. BENCHMARK LOCATIONS AND ELEVATIONS ARE AS REPRESENTED BY THE SURVEYOR AT THE TIME OF THE SURVEY. CONTRACTOR SHALL VERIFY ITS CORRECTNESS AT TIME OF CONSTRUCTION.
- 3. SPOT ELEVATIONS SHOWN FOR INLETS AND MANHOLES ARE AT TOP OF RIM.
- 4. ALL GRADING AND SITE PREPARATION SHALL CONFORM TO THE LOCAL JURISDICTION'S CODE.
- 5. ALL OPEN AREAS WITHIN LIMITS OF CONSTRUCTION AND CONSTRUCTION EASEMENTS SHALL BE SODDED WITH BAHIA SOD BY CONTRACTOR UNLESS OTHERWISE NOTED ON PLANS.
- 6. ALL CONCRETE PIPE JOINTS SHALL BE WRAPPED WITH 4' OF FILTER FABRIC CENTERED ON EACH JOINT.
- 7. CONTRACTOR SHALL DEWATER WHERE REQUIRED TO MEET TECHNICAL REQUIREMENTS.
- 8. ALL CONCRETE STORM SEWER PIPE TO BE REINFORCED CONCRETE PIPE CLASS III, EXCEPT WHERE OTHERWISE NOTED ON THE PLANS OR REQUIRED BY JURISDICTION. HDPE STORM PIPE SHALL BE APPROVED BY JURISDICTION AND ENGINEER AND SHALL MEET ASTM-477. PVC STORM PIPE SHALL BE ADS OR APPROVED EQUAL.
- 9. GEOTECHNICAL SERVICES HAVE BEEN PROVIDED AS REFERENCED BELOW. GEOTECHNICAL RECOMMENDATIONS ARE NOT THE RESPONSIBILITY OF WICKS CONSULTING SERVICES, INC. AND HAS RELIED ON THE BELOW REFERENCED GEOTECHNICAL REPORT'S IN PREPARATION OF THE DRAWINGS. ANY CONFLICT BETWEEN INFORMATION WITHIN THE REPORT AND THESE DRAWINGS SHALL BE REPORTED TO ENGINEER/OWNER. WICKS CONSULTING SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR THE CORRECTNESS, COMPLETENESS OR ACCURACY OF GEOTECHNICAL INFORMATION.
- 10. GEOTECHNICAL REPORT PREPARED BY: ANDREYEV ENGINEERING, INC. REPORT #: GPGT-17-132; REPORT DATE: NOVEMBER 29, 2017
- 11. ALL OFF-SITE DISTURBED AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION, OR BETTER.
- 12. ALL STORM STRUCTURES SHALL CONFORM WITH FDOT STANDARD INDEX DRAWINGS AND SPECIFICATIONS EXCEPT THAT DITCH BOTTOM INLETS IN PAVED AREAS SHALL HAVE TRAVERSABLE, TRAFFIC BEARING GRATES SUPPORTED BY STEEL ANGLE SEATS OR SUPPORTED ON FOUR SIDES. GRATES SHALL BE STEEL UNLESS OTHERWISE SPECIFIED OR APPROVED.
- 13. EXISTING TOPOGRAPHY BASED ON DRAWING PREPARED BY: SURVEYOR: ALTAMAX SURVEYING DRAWING DATED: FEBRUARY 03, 2017 PROJECT NUMBER: 901692
- 14. ALL STORMWATER STRUCTURES SHALL HAVE CEMENT BENCHING FROM THE BOTTOM OF THE STRUCTURE TO THE LOWEST PIPE INVERT AND SHALL BE SLOPED TO PROVIDE POSITIVE DRAINAGE UNLESS OTHERWISE NOTED.
- 15. ALL DISTURBED AREAS ON-SITE SHALL BE SODDED WITH SOD OF LIKE TYPE AND QUALITY TO MATCH EXISTING. ALL DISTURBED AREAS OFF-SITE SHALL BE SODDED WITH ARGENTINA BAHIA. ALL SOD SHALL BE NON-MUCK FARM GROWN.

### ROUTINE MAINTENANCE -- STORMWATER

- 1. AFTER COMPLETION OF CONSTRUCTION, WRA'S WILL BE MOWED AND MAINTAINED AS PART OF THE NORMAL LAWN AND OPEN SPACE MAINTENANCE.
- 2. TRASH AND DEBRIS THAT ACCUMULATES WITHIN THE WRA'S, SWALES, PIPES, AND INLETS WILL BE MANUALLY COLLECTED AND DISPOSED OF WITH OTHER NORMAL SOLID WASTE.
- 3. ANY EROSION, LOSS OF GRASS, ETC., WILL BE REPAIRED OR REPLACED ROUTINELY AND AS NEEDED.
- 4. PIPES, INLETS, FLUMES, AND OTHER CONTROL DEVICES WILL BE INSPECTED ANNUALLY AND REPAIRS MADE AS NEEDED.
- 5. BEST MANAGEMENT PRACTICES SHALL BE USED TO ASSURE EROSION AND SEDIMENT IS CONTROLLED. ADDITIONAL MEASURES MAY BE REQUIRED DURING CONSTRUCTION.

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### TREE PROTECTION REQUIREMENTS

- PROTECT DESIGNATED EXISTING TREES AGAINST: –UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS
  - -SKINNING AND BRUISING OF BARK -SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION OR
  - EXCAVATION MATERIALS WITHIN DRIP-LINE
  - -EXCESS FOOT OR VEHICULAR TRAFFIC
  - -PARKING VEHICLES WITHIN DRIP-LINE
- 2. ERECT TEMPORARY TREE PROTECTION FENCING AS SHOWN ON THE DETAIL SHEETS. BEFORE COMMENCEMENT OF ANY SITE CLEARING OR GRADING. ALL FENCING SHOULD BE A MINIMUM OF 10' CLEAR DISTANCE FROM THE FACE OF ANY TREES AND SHALL FULLY ENCLOSE ALL TREES SCHEDULED TO REMAIN. NOTHING SHALL BE PLACED INSIDE OF PROTECTIVE BARRICADES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIAL, MACHINERY, CHEMICALS, OR TEMPORARY SOIL DEPOSITS. ON TREES LARGER THAN 20' DBH, BARRICADES SHALL BE NO CLOSER THAN 15' FROM FACE OF TREE. WHEN PAVING, EXCAVATION OR HARDSCAPE MUST BE DONE WITHIN BARRICADES, BARRICADES SHALL BE MOVED BACK TO A SECONDARY LOCATION AT EDGE OF WORK. EXTRA CARE MUST BE TAKEN AT THIS TIME BY THE CONTRACTOR TO ENSURE THAT NO DAMAGE TO THE TREE OCCURS.
- 3. PROVIDE WATER TO TREES AS REQUIRED TO MAINTAIN THEIR HEALTH DURING CONSTRUCTION WORK.
- 4. WHEN NECESSARY TO CUT ROOT OVER 1-1/2" DIAMETER OF TREES TO REMAIN, CUT MUST BE A CLEAN CUT, COAT CUT FACES OF ROOTS WITH AN EMULSIFIED ASPHALT OR OTHER ACCEPTABLE COATING FORMULATED FOR USE ON DAMAGED PLANT TISSUE. TEMPORARILY COVER EXPOSED ROOTS WITH WET BURLAP TO PREVENT DRYING AND COVER WITH EARTH AS SOON AS POSSIBLE.
- 5. NO GRADE CHANGES ARE TO BE MADE WITHIN THE BARRICADES WITHOUT PRIOR APPROVAL OF THE OWNER OR HIS DESIGNATED REPRESENTATIVE.
- 6. INTERFERING BRANCHES MAY BE REMOVED AT THE DIRECTION OF THE OWNER OR HIS DESIGNATED REPRESENTATIVE BY A QUALIFIED TREE SURGEON.
- 7. REPAIR OR REPLACE TREES INDICATED TO REMAIN, WHICH ARE DAMAGED IN THE CONSTRUCTION OPERATIONS, IN A MANNER ACCEPTABLE TO THE OWNER. EMPLOY A QUALIFIED TREE SURGEON TO REPAIR MAJOR DAMAGES TO TREES AND SHRUBS, PROMPTLY, TO PREVENT PROGRESSIVE DETERIORATION'S CAUSED BY THE DAMAGE.
- 8. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF TREES DAMAGED BEYOND REPAIR WITH 3 TREES OF SIMILAR QUALITY AND SPECIES, SIZED TO MATCH THE LARGEST TREES OF THAT SPECIES BEING PLANTED AS PER THE LANDSCAPE PLANS. IF TREES ARE HARMED THROUGH LACK OF PROTECTION OR THROUGH NEGLIGENCE ON THE PART OF THE CONTRACTOR, THE CONTRACTOR SHALL BEAR THE BURDEN OF THE COST OF REPAIR OR REPLACEMENT.

### RECORD DRAWINGS

- 1. THE CONTRACTOR SHALL PROVIDE THE ENGINEER OF RECORD WITH RECORD SURVEYS OF THE INSTALLED WATER, RECLAIM, WASTEWATER AND STORMWATER SYSTEMS. REQUIREMENTS ARE AS FOLLOWS:
  - a. PERFORMED BY A FLORIDA REGISTERED LAND SURVEYOR.
  - b. SIX SIGNED AND SEALED RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD.
  - c. ELECTRONIC FORMATS OF THE RECORD DRAWINGS SHALL BE IN AUTOCAD 2000 OR HIGHER. A COPY OF THE ELECTRONIC FILES SHALL BE PROVIDED TO THE ENGINEER OF RECORD. IT IS PREFERRED TO USE THE APPROVED PLANS WITH STRIKE THROUGH CORRECTIONS.
- 2. REQUIRED RECORD DRAWING DATA:
  - a. WATER, FORCEMAIN & RECLAIMED WATER LINE LOCATIONS, SIZE AND MATERIALS.b. LOCATION OF WATER, FORCEMAIN, RECLAIMED WATER & SEWER VALVES AND APPURTENANCES
  - c. MANHOLE TOP AND INVERT ELEVATIONS
  - d. DEPICT POTABLE WATER LINE CROSSING AND PROVIDE ACTUAL SEPARATION DISTANCES
  - e. SAMPLE POINT LOCATIONS IN ACCORDANCE WITH THE FDEP PERMIT.
  - f. GRAVITY STORM AND SEWER LOCATIONS, INVERTS, PIPE SIZE AND MATERIALS. a. PHOTOS OF ALL UTILITIES CROSSING AND WATER MAINS SHALL BE TAKEN AT THE
  - g. PHOTOS OF ALL UTILITIES CROSSING AND WATER MAINS SHALL BE TAKEN AT THE TIME OF CONSTRUCTION PRIOR TO BACKFILLING.h. ALL STORMWATER MANAGEMENT AREAS SHALL BE DETAILED WITH CROSS SECTIONS
  - ALL STORMWATER MANAGEMENT AREAS SHALL BE DETAILED WITH CROSS SECTIONS AND/OR CONTOURS PROVING FINISH GRADE ELEVATIONS.
     ALL OUTFALL STRUCTURES SHALL BE VERIFIED WITH SPECIFIC DESIGN ELEVATIONS
  - AS SHOWN ON THE PLANS. (ie. TOPS, WEIRS, ORIFICE AND SKIMMERS SHOULD ALL BE VERIFIED. j. FINISHED GRADES AT HIGH POINTS AND GRADE BREAKS IN PAVEMENT CENTERLINE
  - J. FINISHED GRADES AT HIGH POINTS AND GRADE BREAKS IN PAVEMENT CENTERLINE AND EDGE OF PAVEMENT AT 100' INTERVALS, LOT GRADES, BUILDING PADS OR FINISH FLOOR ELEVATIONS.

### STANDARD ABBREVIATIONS

ARV	AIR RELEASE VALVE	ΗP
BFP	BACKFLOW PREVENTER	HR
BOC	BACK OF CURB	INV
BTM	ВОТТОМ	LF
BV	BALL VALVE	LP
Ę	CENTER LINE	LS
СМР	CORRUGATED METAL PIPE	MES
СО	CLEANOUT	MH
CONC	CONCRETE	NWL
DCDVA	DOUBLE CHECK DETECTOR	PIV
	VALVE ASSEMBLY	ዊ
DIP	DUCTILE IRON PIPE	ΡV
DHWL	DESIGN HIGH WATER LEVEL	PVC
EL	ELEVATION	RCP
EOP	EDGE OF PAVEMENT	RWM
ERCP	ELLIPTICAL REINFORCED	R/W
	CONCRETE PIPE	SAN
FDC	FIRE DEPARTMENT CONNECTION	SHWT
FFE	FINISHED FLOOR ELEVATION	SP
FH	FIRE HYDRANT	TOB
FM	FORCE MAIN	TOS
GV	GATE VALVE	ΤΥΡ
HDPE	HIGH DENSITY POLYETHYLENE	WM
DDCA	DOUBLE DETECTOR CHECK ASSEMBLY	RPZ

HANDICAPPED RAMP INVERT LINEAR FEET LOW POINT LIFT STATION MITERED END SECTION MANHOLE NORMAL WATER LEVEL POST INDICATOR VALVE PROPERTY LINE PLUG VALVE POLYVINYL CHLORIDE PIPE REINFORCED CONCRETE PIPE RECLAIMED/REUSE WATER MAIN RIGHT OF WAY SANITARY SEASONAL HIGH WATER TABLE SAMPLE POINT TOP OF BANK TOE OF SLOPE TYPICAL WATER MAIN REDUCED PRESSURE ZONE BACKFLOW DEVICE

HIGH POINT



### FDEP SEPARATION REQUIREMENTS under 62-555 314 Effective 8-28-2003

HAZARD	HORIZONTAL SEPARATION VERTICA		L SEPARATION		
		WATER ABOVE	WATER BELOW		
STORM SEWER	3FT MIN	12"PREF, 6"MIN	12" MIN		
STORM FORCE MAIN	3FT MIN	12" MIN	12" MIN		
RECLAIMED WATER (REQ'D UNDER 62-610)	3FT MIN	12" MIN	12" MIN		
RECLAIMED WATER (NOT UNDER 62-610)	10FT PREF, 6FT MIN	12" MIN	12" MIN		
VACUUM SANITARY SEWER	10FT PREF, 3FT MIN	12" PREF, 6" MIN	12" MIN		
GRAVITY SANITARY SEWER	10FT PREF, 6FT MIN*	12" PREF, 6" MIN	12" MIN		
SANITARY SEWER FORCE MAIN	10FT PREF, 6FT MIN	12" MIN	12" MIN		
ON-SITE SEWAGE TREATMENT & DISPOSAL SYSTEM 10FT MIN (NO ALTERNATIVES)					

- \* 3FT MINIMUM IF BOTTOM OF WATER MAIN IS 6" ABOVE THE GRAVITY SEWER MAIN • THESE TABLES ARE NOT COMPREHENSIVE AND ARE NOT A SUBSTITUTE FOR THE TEXT IN 62-555.314. (SEE TEXT BELOW)
- THIS TABLE WAS CREATED BY A PRIVATE INDIVIDUAL AND IS NOT AN OFFICIAL FDEP TABLE.
- ALL DISTANCES ARE MEASURED OUTSIDE TO OUTSIDE.
- IT IS PREFERABLE TO LAY THE WATER PIPE ABOVE THE HAZARD PIPE.
- WATER MAINS CANNOT COME INTO CONTACT WITH ANY HAZARD STRUCTURES WITHOUT PRIOR APPROVAL BY FDEP. • EXCEPTIONS ARE ONLY ALLOWED ON A CASE-BY-CASE BASIS WITH JUSTIFICATION TO FDEP BEFORE INSTALLATION.

"AT CROSSINGS, CENTER WATER PIPE ON CROSSING OR MAINTAIN THE FOLLOWING JOINT SPACING:"

HAZARD	ALTERNATIVE JOINT SPACING
STORM SEWER	3FT MIN
STORM FORCE MAIN	3FT MIN
RECLAIMED WATER (REQ'D UNDER 62-610)	3FT MIN
RECLAIMED WATER (NOT UNDER 62-610)	6FT MIN
VACUUM SANITARY SEWER	3FT MIN
GRAVITY SANITARY SEWER	6FT MIN
SANITARY SEWER FORCE MAIN	6FT MIN
ON-SITE SEWAGE TREATMENT & DISPOSAL SY	STEM N/A

62-555.314 LOCATION OF PUBLIC WATER SYSTEM MAINS TEXT.

FOR THE PURPOSE OF THIS SECTION. THE PHRASE WATER MAINS SHALL MEAN MAINS, INCLUDING TREATMENT PLANT PROCESS PIPING, CONVEYING EITHER RAW, PARTIALLY TREATED, OR FINISHED DRINKING WATER; FIRE HYDRANT LEADS; AND SERVICE LINES THAT ARE UNDER THE CONTROL OF A PUBLIC WATER SYSTEM AND THAT HAVE AN INSIDE DIAMETER OF THREE INCHES OR GREATER.

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(A) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. (B) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(C) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY-OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(D) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BÉTWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED ON—SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS. WASTEWATER OR STORMWATER FORCE MAINS. AND RECLAIMED WATER PIPELINES.

(A) NEW OR RELOCATED. UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY-OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(B) NEW OR RELOCATED. UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER. WASTEWATER OR STORMWATER FORCE MAIN. OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER. IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(C) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS. STORM SEWERS. STORMWATER FORCE MAINS. OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(3) SEPARATION BETWEEN WATER MAINS AND SANITARY OR STORM SEWER MANHOLES.

(A) NO WATER MAIN SHALL PASS THROUGH, OR COME INTO CONTACT WITH, ANY PART OF A SANITARY SEWER MANHOLE.

(B) EFFECTIVE AUGUST 28, 2003, WATER MAINS SHALL NOT BE CONSTRUCTED OR ALTERED TO PASS THROUGH, OR COME INTO CONTACT WITH, ANY PART OF A STORM SEWER MANHOLE OR INLET STRUCTURE. WHERE IT IS NOT TECHNICALLY FEASIBLE OR ECONOMICALLY SENSIBLE TO COMPLY WITH THIS REQUIREMENT (I.E., WHERE THERE IS A CONFLICT IN THE ROUTING OF A WATER MAIN AND A STORM SEWER AND WHERE ALTERNATIVE ROUTING OF THE WATER MAIN OR THE STORM SEWER IS NOT TECHNICALLY FEASIBLE OR IS NOT ECONOMICALLY SENSIBLE), THE DEPARTMENT SHALL ALLOW EXCEPTIONS TO THIS REQUIREMENT (I.E, THE DEPARTMENT SHALL ALLOW CONSTRUCTION OF CONFLICT MANHOLES). BUT SUPPLIERS OF WATER OR PERSONS PROPOSING TO CONSTRUCT CONFLICT MANHOLES MUST FIRST OBTAIN A SPECIFIC PERMIT FROM THE DEPARTMENT IN ACCORDANCE WITH PART V OF THIS CHAPTER AND MUST PROVIDE IN THE PRELIMINARY DESIGN REPORT OR DRAWINGS, SPECIFICATIONS, AND DESIGN DATA ACCOMPANYING THEIR PERMIT APPLICATION THE FOLLOWING INFORMATION:

1. TECHNICAL OR ECONOMIC JUSTIFICATION FOR EACH CONFLICT MANHOLE. 2. A STATEMENT IDENTIFYING THE PARTY RESPONSIBLE FOR MAINTAINING EACH CONFLICT MANHOLE.

3. ASSURANCE OF COMPLIANCE WITH THE DESIGN AND CONSTRUCTION REQUIREMENTS IN SUB-SUBPARAGRAPHS A. THROUGH D. BELOW.

A. EACH WATER MAIN PASSING THROUGH A CONFLICT MANHOLE SHALL HAVE A FLEXIBLE, WATERTIGHT JOINT ON EACH SIDE OF THE MANHOLE TO ACCOMMODATE DIFFERENTIAL SETTLING BETWEEN THE MAIN AND THE MANHOLE. B. WITHIN EACH CONFLICT MANHOLE, THE WATER MAIN PASSING THROUGH THE MANHOLE SHALL BE INSTALLED IN A

WATERTIGHT CASING PIPE HAVING HIGH IMPACT STRENGTH (I.E., HAVING AN IMPACT STRENGTH AT LEAST EQUAL TO THAT OF 0.25-INCH-THICK DUCTILE IRON PIPE). C. EACH CONFLICT MANHOLE SHALL HAVE AN ACCESS OPENING, AND SHALL BE SIZED, TO ALLOW FOR EASY CLEANING OF

THE MANHOLE. D. GRATINGS SHALL BE INSTALLED AT ALL STORM SEWER INLETS UPSTREAM OF EACH CONFLICT MANHOLE TO PREVENT

LARGE OBJECTS FROM ENTERING THE MANHOLE.

(4) <u>SEPARATION BETWEEN FIRE HYDRANT DRAINS AND SANITARY</u> OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS. NEW OR RELOCATED FIRE HYDRANTS WITH UNDERGROUND DRAINS SHALL BE LOCATED SO THAT THE DRAINS ARE AT LEAST THREE FEET FROM ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; AT LEAST THREE FEET, AND PREFERABLY TEN FEET, FROM ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER: AT LEAST SEX FEET, AND PREFERABLY TEN FEET, FROM ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST TEN FEET FROM ANY EXISTING OR PROPOSED ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.00S, F.A.C. (UPDATED 6-15-04)

### UTILITY NOTES

- 1. SHOULD ANY DISCREPANCIES BE DISCOVERED THAT WOULD PREVENT CONSTRUCTION OF NEW IMPROVEMENTS AS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WITHIN 48 HOURS FOR A DETERMINATION AS TO THE DISPOSITION OF THE DISCREPANCIES. NO CLAIM WILL BE ALLOWED BY THE CONTRACTOR SHOULD HE FAIL TO PROVIDE THE REQUIRED NOTIFICATION PRIOR TO CONSTRUCTION.
- 2. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE, AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR FIELD VERIFICATION OF THE EXISTING UTILITIES. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING ANY UNDERGROUND UTILITY TO ENSURE THE LOCATION AND INTEGRITY OF THE SYSTEM.
- 3. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION ACTIVITY FOR DIG PERMITS, ELECTRICAL PERMITS OR OTHER PERMITS AS APPLICABLE. CONTRACTOR IS TO COORDINATE FULLY WITH UTILITY COMPANIES ON EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
- 4. ALL PIPING TO HAVE A MINIMUM OF 3' COVER UNLESS OTHERWISE NOTED ON THE PLANS.
- 5. WHERE PAVEMENT IS REMOVED, THE SURFACING MATERIAL SHALL BE MECHANICAL SAW-CUT PRIOR TO TRENCH EXCAVATION, LEAVING A UNIFORM AND STRAIGHT EDGE WITH MINIMUM DISTURBANCE TO THE REMAINING ADJACENT SURFACING. IMMEDIATELY FOLLOWING THE SPECIFIED BACKFILLING AND COMPACTION, A TEMPORARY SAND SEAL COAT SURFACE SHALL BE APPLIED TO THE CUT AREAS AND CONTINUE TO PROVIDE A SMOOTH TRAFFIC SURFACE WITH THE EXISTING ROADWAY AND SHALL BE MAINTAINED UNTIL FINAL RESTORATION.
- 6. DURING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL TAKE SPECIAL CARE AND PROVIDE ADEQUATE PROTECTION IN ORDER TO MINIMIZE DAMAGE TO VEGETATION, SURFACED AREAS, AND STRUCTURES WITHIN RIGHT-OF-WAY EASEMENT ON SITE, AND TAKE FULL RESPONSIBILITY FOR THE REPLACEMENT OR REPAIR THEREOF.

### WATER DISTRIBUTION

- 1. EXCAVATED TRENCH BOTTOM(S) SHALL BE FREE OF STICKS, ROOTS, STUMPS, STONES, BOULDERS AND ALL DEBRIS, AND SHALL BE GRADED AND SHAPED FOR CONTINUOUS BEARING OF THE BOTTOM OF THE PIPE SYSTEM WITH ALLOWANCE FOR VALVES, FITTINGS, AND COUPLINGS.
- 2. UNLESS OTHERWISE SHOWN ON THE PLANS, PIPE SHALL BE MANUFACTURED FROM POLYVINYL CHLORIDE RESIN CONFORMING TO ASTM DESIGNATION D 1784. THE PIPE SHALL BEAR THE NATIONAL SANITATION FOUNDATION (NSF) SEAL FOR POTABLE WATER PIPE. PIPE SHALL MEET THE REQUIREMENTS OF AWWA C900, (D.R. 18) "STANDARD FOR POLYVINYL CHLORIDE (PVC) PRESSURE PIPE, 4 INCHES THROUGH 12 INCHES FOR WATER" AND SHALL BE FURNISHED IN CAST IRON PIPE EQUIVALENT OUTSIDE DIAMETERS WITH RUBBER GASKETED JOINTS AS LISTED C900 STANDARD. DI PIPE SHALL CONFORM WITH AWWA C-150/C-151. POLYVINYL CHLORIDE PIPE LESS THAN 4 INCHES IN DIAMETER SHALL BE IN ACCORDANCE WITH ASTM 1785 (SCHEDULE 40, 80, 120) OR ASTM 2241 (SDR 21, PC 200). DR 14 SHALL BE USED FOR FIRE LINES AND INSTALLED IN ACCORDANCE W/ NFPA 24, 1995.
- 3. CONNECTIONS FOR PIPE 2" IN DIAMETER AND LARGER SHALL BE RUBBER COMPRESSION RING TYPE. PIPE SHALL BE EXTRUDED WITH INTEGRAL THICKENED WALL BELLS WITHOUT INCREASE IN SDR. RUBBER RING GASKETS SHALL CONSIST OF SYNTHETIC COMPOUNDS MEETING THE REQUIREMENTS OF ASTM DESIGNATION D1869. AND SUITABLE FOR THE DESIGNATED SERVICE. OTHER CONNECTIONS FOR PIPE; SOLVENT WELDED SLEEVE TYPE JOINT. FITTINGS FOR 2 INCH AND SMALLER PIPE SHALL BE P.V.C. SOLVENT WELDED JOINTS. FITTINGS FOR USE WITH P.V.C. PIPE WILL BE CAST IRON OR DUCTILE IRON WITH MECHANICAL JOINT RUBBER COMPRESSION RING TYPE JOINTS. WHERE MECHANICAL JOINT IRON FITTINGS OR DUCTILE IRON PIPE ARE TO INTERFACE WITH PVC PIPE, A TRANSITION GASKET, CLOW F-6340 OR EQUAL, SHALL BE USED. NO P.V.C. FITTINGS WILL BE ALLOWED EXCEPT ON PIPE AND FITTINGS SMALLER THAN 3 INCHES.
- 4. PVC PIPE CONNECTED TO HEAVY FITTINGS AND/OR RIGID STRUCTURES SHALL BE SUPPORTED SO THAT NO SUBSEQUENT RELATIVE MOVEMENT BETWEEN THE PVC PIPE AT THE JOINT AND THE RIGID STRUCTURE IS POSSIBLE.
- 5. RESTRAINED JOINTS SHALL BE USED AT ALL BENDS & TEES.
- 6. BACKFILLING OF THE TRENCH FROM THE BOTTOM UP TO TWELVE (12)INCHES OVER THE TOP OF THE PIPE SHALL BE COMPACTED IN SIX (6) INCH LAYERS USING DRY FRIABLE SOIL (MAXIMUM PARTICLE OR FRAGMENT DIMENSION 1") TO NINETY-FIVE (95) PERCENT MAXIMUM DENSITY. THE REMAINDER OF THE TRENCH SHALL BE BACKFILLED WITH EXCAVATED EARTH MATERIAL (MAXIMUM ROCK OR FRAGMENT DIMENSION 6") IN NINE (9) INCH LAYERS COMPACTED TO NINETY FIVE (95) PERCENT MAXIMUM DENSITY, NINETY-EIGHT (98) PERCENT UNDER AREAS TO BE PAVED. DENSITY DETERMINATIONS SHALL BE MADE IN ACCORDANCE WITH AASHTO SPECIFICATION T-180. MINIMUM COVER OVER THE TOP OF THE PIPE SHALL BE THIRTY-SIX (36) INCHES UNLESS OTHERWISE SHOWN. IF POSSIBLE, JOINTS SHOULD BE LEFT UNCOVERED UNTIL AFTER TESTING HAS BEEN SATISFACTORILY COMPLETED.
- 7. THE PIPE SYSTEM SHALL BE TESTED AND EXAMINED FOR LEAKAGE IN SECTIONS NOT EXCEEDING 1,000 FEET, AT NOT LESS THAN 150 PSI STATIC PRESSURE, IN ACCORDANCE WITH AWWA C 600 (DIP) C 605 (PVC).
- 8. AFTER COMPLETION OF CONSTRUCTION AND TESTING, THE WATER SYSTEM SHALL BE DISINFECTED WITH CHLORINE SOLUTION BEFORE ACCEPTANCE FOR DOMESTIC OPERATION. THE AMOUNT OF CHLORINE APPLIED SHALL BE SUFFICIENT TO PROVIDE A DOSAGE SOLUTION OF NOT LESS THAN FIFTY (50) PARTS PER MILLION. PRIOR TO INTRODUCING THE CHLORINE SOLUTION, THE LINE SHALL BE THOROUGHLY FLUSHED WITH CLEAN POTABLE WATER. CHLORINE SOLUTION SHALL BE INTRODUCED IN ACCORDANCE WITH AWWA STANDARD C-651-92 AND SHALL REMAIN IN THE SYSTEM FOR A CONTACT PERIOD OF AT LEAST TWENTY-FOUR (24) HOURS, DURING WHICH TIME EVERY VALVE IN THE SYSTEM SHALL BE OPENED AND CLOSED SEVERAL TIMES TO ASSURE CONTACT WITH EVERY SURFACE OF THE SYSTEM. AFTER COMPLETION OF THE DISINFECTION PROCEDURE, THE SYSTEM SHALL BE FLUSHED USING CHLORINATED WATER FROM THE CENTRAL WATER SUPPLY. SAMPLES SHALL BE TAKEN FROM THE NEW SYSTEM FOR TESTING BY A D.H.R.S. CERTIFIED LAB AND SUBMITTED TO THE ENGINEER FOR SUBMITTAL TO THE DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR CLEARANCE BEFORE IT IS PLACED INTO ACTIVE SERVICE.
- 9. GATE VALVES SHALL BE MUELLER CLASS 200 RESILIENT SEATED VALVES, OR APPROVED EQUAL, WITH MECHANICAL JOINT ENDS, MANUFACTURED TO MEET OR EXCEED REQUIREMENTS OF AWWA C509, LATEST REVISION. EACH VALVE SHALL BE FITTED WITH A CAST IRON BOX AND COVER
- 10. FIRE HYDRANT(S) SHALL BE MUELLER STANDARD OR APPROVED EQUAL 3-WAY WITH TWO (2) 2-1/2 INCH HOSE CONNECTIONS AND ONE (1) 4-1/2 INCH PUMPER NOZZLE. MAIN BARREL VALVE SIZE SHALL BE 5-1/4 INCHES. AFTER INSTALLATION THE HYDRANT SHALL BE PAINTED IN ACCORDANCE WITH THE LOCAL FIRE DEPARTMENT REQUIREMENTS.
- 11. ALL WATER SERVICE LINES TWO (2) INCHES AND UNDER SHALL BE POLYETHYLENE, IDR 9 OR SDR-26 WITH A PRESSURE RATING OF 160 PSI. ASTM D-2239.
- 12. ALL PVC WATER MAINS SHALL BE LAID WITH METALLIC LOCATING TAPE PLACED 18" ABOVE THE CENTER OF THE WATERLINE. FOR FUTURE LOCATING PURPOSES, #14 COPPER ARMORED POLYGUARD WIRE SHALL BE TAPED TO THE TOP OF THE PIPE AND TERMINATE WITH 12" EXTENDING ABOVE THE TOP OF THE VALVE BOX IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE VALVE OPERATION.

- SURVEYOR.



ments)Projects)Wicks)CarWash\17136 Car Wash Total.dwg. Sht 3 General Utility Notes. 1/15/2019 5:11:08 AM, Rob. AutoCAD PDF (General Documentation).pc3. ARCH expand D (36.00 x 24.00 Inches). 1













LEGAL DESCRIPTION

A part of Southeast 1/4 of Southwest 1/4 of Section 10, Township 19 South, Range 24 East, in Lake County, Florida, bounded and described as follows:

Beginning at a point 566.5 feet South and 100 feet East of the Northwest corner of the Southeast 1/4 of Southwest 1/4 of said Section; run thence East 100 feet; thence South 200 feet to the North line of the Highway; thence Northwesterly along the North line of the Highway, a distance of 110.5 feet to a point South of the Point of Beginning; thence North 153.1 feet to the Point of Beginning.

AND:

That part of the North 229 feet of the South 991 feet of the Southeast 1/4 of the Southwest 1/4 of Section 10, Township 19 South, Range 24 East, in Lake County, Florida, lying West of the Westerly line of the right of way of U.S. Highway No. 27.

 $1.7\pm$  ACRES (76,041 SF)

GENERAL COMMERCIAL (C-2)

COMMERCIAL (HIGH INTENSITY)

30% (0.51 ACERS 22,216 SF)

73% (1.27 ACRES 55,818 SF)

1 SPACE PER WASH LANE

50' FROM RIGHT OF WAY

30' FROM PROPERTY LINE

15' FROM PROPERTY LINE

25' LANDSCAPE BUFFER

2 UNDERSTORY TREES &

2 UNDERSTORY TREES &

2 UNDERSTORY TREES &

15 SHRUBS PER 100' OF PROPERTY

15 SHRUBS PER 100' OF PROPERTY

15 SHRUBS PER 100' OF PROPERTY

4 CANOPY TREES,

4 CANOPY TREES,

4 CANOPY TREES,

10' LANDSCAPE BUFFER

15' LANDSCAPE BUFFER

(1) 12'x20' HC SPACE

(2) 10'x20' EMPLOYEE SPACES

(16) 12'x20' VACUUM SPACES

CARWASH FACILITY

VACANT

35 FEET

3,200 S.F.

70%

27%

EXISTING USE: PROPOSED USE: ZONING: FUTURE LAND USE: OPEN SPACE: REQUIRED ST: PROVIDED SF: MAXIMUM BUILDING HEIGHT: BUILDING:

<u>SITE DATA</u>

LAND USE:

TOTAL ACRES:

ISR (MAXIMUM): (PROVIDED) PARKING:

REQUIRED: PROVIDED:

BUILDING SETBACKS: FRONT: SIDE: REAR:

LANDSCAPE BUFFERS: HIGHWAY 27 FRONTAGE:

SIDES:

REAR:

<u>NOTES:</u> 1. LIFT STATION (SHEET 13 of 15) IS PRIVATELY OWNED AND WILL BE MAINTAINED BY THE PROPERTY OWNER.

2. FIRE HYDRANT IS PRIVATE AND THE CITY OF FRUITLAND PARK OWNERSHIP STOPS AT THE GATE.









![](_page_11_Figure_1.jpeg)

![](_page_11_Figure_2.jpeg)

<u>LEGEND</u>

---- REAR WHEELS

FRONT WHEELS

· VEHICLE SWEEP

- AUTOTURN SIMULATION BASED ON LAKE COUNTY "LADDER" FIRE TRUCK

![](_page_12_Figure_0.jpeg)

![](_page_12_Figure_1.jpeg)

![](_page_12_Figure_2.jpeg)

### <u>LEGEND</u>

---- REAR WHEELS - FRONT WHEELS

- VEHICLE SWEEP

— AUTOTURN SIMULATION BASED ON LAKE COUNTY "GARBAGE" TRUCK

![](_page_13_Figure_0.jpeg)

![](_page_14_Figure_0.jpeg)

![](_page_15_Figure_0.jpeg)

![](_page_15_Picture_1.jpeg)

## VICTORIA@MESSINAASSOCIATES.COM PHONE (352)-800-9758

![](_page_15_Figure_4.jpeg)

![](_page_15_Figure_5.jpeg)

### **EXAGGERATED FOR DETAIL - N.T.S.**

FASTENERS AND APPURTENANCES: ALL FASTENERS, LIFTING CABLES, FLOAT CABLE BRACKET, HINGES, AND APPURTENANCES SHALL BE MADE OF 304SS MINIMUM. • A 304SS SLIDE/LATCH ASSEMBLY SHALL BE PROVIDED FOR HOLDING THE EXECUTION: INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH THE MANUFACTURE'S RECOMMENDATIONS IN THE THE LOCATIONS SHOWN ON THE DRAWINGS. CERTIFIED ELECTRICIAN SHALL MOUNT CONTROL PANEL AND CONNECT POWER SERVICE TO PANEL PRIOR TO STARTUP AND FACTORY REP SITE VISIT. THE PUMP CONTROLS AND PUMPS SHALL BE CHECKED FOR PROPER OPERATION ( AND ENSURE THAT ALL LEVEL CONTROLS ARE IN ACCORDANCE WITH THE DRAWINGS ..... PUMP STATION SHALL BE VENTED PER MANUFACTURER'S RECOMMENDATIONS.

BASIN INSTALLATION INSTRUCTIONS: 1. INSPECT ALL MATERIALS SUPPLIED TO ENSURE THERE ARE NO DAMAGES

- DUE TO SHIPPING PRIOR TO INSTALLATION. 2. EXCAVATE HOLE LARGE ENOUGH TO ACCOMMODATE BASIN, UNDERGROUND PIPING, BACKFILL MATERIAL, AND ADEQUATE WORKING SPACE. 3. PREPARE THE BOTTOM OF THE EXCAVATED HOLE WITH 6" OF BACKFILL MATERIAL OR CONCRETE PAD. CHECK BASE TO INSURE IT IS LEVEL AND
- SMOOTH 4. INSTALL BASIN ON GRAVEL BASE OR CONCRETE PAD, ANCHOR IF NECESSARY.
- 5. CONCRETE MAY BE PORED AROUND BASIN BOTTOM IF BALLAST IS REQUIRED FOR BUOYANCY. 6. BACKFILL WITH PEA GRAVEL 4" TO 6" AROUND THE ENTIRE PERIPHERY OF THE BASIN/COMPACTED BACKFILL MATERIAL IN 12" LIFTS. STOP AND CONNECT PIPING AS REQUIRED.
- RECOMMENDED BACKFILL MATERIAL: GRAVEL OR STONE TO BE FREE FLOWING, NATURALLY ROUNDED AGGREGATE WITH A PARTICLE SIZE OF NOT LESS THAN 3/8" OR LARGER THAN 3/4" IN DIAMETER.

### LIFT STATION SCHEDULE

):\Documents\Projects\Wicks\CarWash\17136 Car Wash Total.dwg, Sht 13 Lift Station Detail, 1/15/2019 5:11:21 AM, Rob, AutoCAD PDF (General Documentation).pc3, ARCH expand D (36.00 x 24.00 Inches), 1:

TOP OF BASIN	88.00 FEET
INLET INVERT	82.46 FEET
HIGH WATER LEVEL ALARM	82.00 FEET
LAG PUMP ON	81.50 FEET
LEAD PUMP ON	81.00 FEET
PUMPS OFF	78.50 FEET
BOTTOM OF BASIN	76.5 FEET
COVER OVER DISCHARGE	18 INCHES
INLET SIZE AND TYPE	4 INCH and 6 INCH

ELECTRICAL NOTES:

- 1. DISCONNECT IS REQUIRED WITHIN SIGHT OR 50' MAX FROM PANEL LOCATION. 2. COORDINATE ALL ELECTRICAL WORK PRIOR TO CONSTRUCTION.
- 3. PANEL SHALL BE MANUFACTURED TO UNDERWRITERS'S LABORATORIES STANDARDS AND LABELED ACCORDINGLY.
- 4. EACH FLEXIBLE CABLE SHALL BE PROVIDED WITH A WATERTIGHT SEAL AND SEPARATE STRAIN RELIEF.
- 5. ELECTRICAL EQUIPMENT EXPOSED TO WEATHER SHALL MEET THE REQUIREMENTS OF WEATHERPROOF EQUIPMENT NEMA 4X.
- 6. A 110VOLT POWER RECEPTACLE WITH GROUND FAULT INTERRUPTION (GFI) PROTECTION SHALL BE AVAILABLE TO FACILITATE MAINTENANCE EITHER INSIDE THE CONTROL PANEL OR WITHIN 25 FEET OF CONTROL PANEL.
   7. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
- 8. ELECTRICIAN SHALL SEAL OFF CONDUIT RUNS WITH APPROPRIATE MATERIAL 9. CONTRACTOR SHALL VERIFY POWER SOURCE PRIOR TO ORDERING
- FQUIPMENT 10. NEUTRAL TO BE SUPPLIED FOR SINGLE PHASE AND THREE PHASE
- POWER. 11. ELECTRICAL EQUIPMENT SHALL BE INSTALLED ABOVE THE 100-YEAR FLOOD ELEVATION (WHERE APPLICABLE).

Wicks Engineering Services, Inc. 225 West Main Street, Tavares, Florida 32778 www.wicksengineering.com (352) 343–8667 C.A. #30062
FRUITLAND PARK HOLDINGS, LLC TEJINDER S. GREEWALL 1330 SAXON BOULEVARD ORANGE CITY, FLORIDA 32763
IC INTERNATIONAL CARWASH PUMP STATION DETAILS & NOTES US HWY 27/441 FRUITLAND PARK FL. 34731
KENNETH R. WICKS, P.E. FL. REG. NO. DATE: 33274
Drawn: WSR     REVISION:     DATE:       Checked: TRW     A     SJ RAI 1     05-31-2018       Checked: TRW     A     SJ RAI 1     05-31-2018       Date: 10-25-17     A     BESH COMMENTS 06-11-2018       Scale: AS SHOWN     A     FDOT COMMENTS 01-07-2019       File No.: 17136     FDOT COMMENTS 01-07-2019       File No.: 17136     Sheet: 13 of 17

![](_page_16_Figure_0.jpeg)

![](_page_17_Figure_0.jpeg)

![](_page_18_Figure_0.jpeg)

TREE GUYING

TREE TRIPLE STAKE

![](_page_18_Figure_6.jpeg)

Quercus virginiana	Dry - moist	Yes	as shown	1.5" DBH, 12' oa
Lagerstroemia indica	Dry - moist	No	as shown	0.5" DBH, 6' oa
Magnolia grandiflora	Dry - moist	Yes	as shown	1.5" DBH, 12' oa
Cercis canadensis	Dry - moist	Yes	as shown	0.5" DBH, 6' oa
llex vomitoria 'Schillings'	Dry - moist	No	3' 00	3G
Loropetalum chinense	Dry - moist	No	3' oc	3G
Viburnum obovatum	Dry - moist	Yes	4' oc	3G

Scientific Name Soil Moisture Range Native Spacing Notes

- 13. All plants shall be watered thoroughly when planted 14. Sod shall be well matted with grass roots. The sod shall be taken up in rectangles preferably 12" by 24", a minimum of 2" in thickness, and shall be reasonably free of weeds and other grasses and shall have a soil mat of sufficient thickness adhering firmly to the roots to withstand all necessary handling. The sod shall be shaded and kept moist until it is planted. Damaged sod will be rejected. Replanting shall be done within 48 hours after time of harvesting or kept damp until planted. . Sodding schedul A. All lawn areas shall be planted with with a species specified by the Owner (limits determined by Owner). B. Soft spots and inequalities in grade shall be corrected before starting work.C. Lay sod without voids. Thoroughly water after planting. The surface shall be true to finish grade lines and even and firm at all points. D. Place sod with staggered joints closely butted, tamped or rolled to an even surface Erosion control measures are mandatory in swales, rights of ways, or any other areas subject to erosion. E. Fertilize with 16-4-8 fertilizer at the rate of 8 lbs./1000 sq. ft. 16. All shrub areas and areas to be sodded will be automatically irrigated. Verify areas to be irrigated with owner prior to commencing work.
  - 18. All shrubs and sod shall be guaranteed for one hundred eighty (180) days after final acceptance of the final phase by owner. All trees shall be guaranteed for one (1) year after final acceptance of the final phase.

- 17. Contractor shall clean up and remove from the premises all surplus materials and rubbish. 19. Protective barricades shall be placed around all protected trees to be saved and shall remain in place until construction is complete. Barricades shall be a minimum of 10' from the edge of the tree. Barricade shall be constructed of wood and be a minimum of 3' in height. 20. Final inspection will not take place until all materials have been planted/installed properly. 1. Contractor will be notified by letter of the final acceptance of each phase within ten (10) days after final
- phase inspection or ten (10) days after reinspection should that be necessary. 22. Upon final notice of final acceptance of each phase, the owner will assume maintenance.
- 23. If trees are wrapped in burlap and wire, remove wire and burlap from the surface of the root ball.

The plans and drawings are diagrammatic of the work to be performed. The work shall be executed in a manner to avoid conflicts with utilities and other element of construction, including landscape materials. Any and all deviations shall be brought to the attention of the owner or owners. The contractor shall not willfully install any aspect of the irrigation system as shown on the plans and drawings when it is obvious in the field that obstructions, grade differences, or discrepancies exist that might not have been known during the design of the irrigation system. In the event that notification of the conflict is not given to the

. Check and verify all site conditions, including service utility locations, prior to trenching or digging. Coordinate all irrigation system construction with existing and / or new plantings to avoid conflict or interference with location piping, sleeving, cables and service utilities. The irrigation contractor is responsible for coordinating installation with all other construction on site especially landscape installation. Irrigation system is to be relocated for no additional cost for any conflict with landscape installation or any other site construction or existing conditions. All components that are not contained within the specific areas shown on

Where existing or new trees, light standards, signs, electronic controllers and / or other objects are on obstruction to an irrigation sprinkler's pattern, the component and piping shall be relocated as necessary to obtain proper coverage without damaging the obstruction. Landscape architect or representative to

. Component spacings are maximum. Do not exceed spacing shown or noted on the plans. Component spacing may be changed to accommodate changes in terrain and planting layout as long as the modified spacings do not exceed the spacings shown in the plans. Unless shown otherwise, irrigation contractor shall

All materials and equinment shown shall be installed as detailed on the plans. If the drawing do not thoroughly describe the techniques to be used, the installer shall follow the installation methods/instructions recommended be their manufacturer.

7. Irrigation contractor shall adjust all sprinklers, controller and other operating characteristics, including coverage, operating pressure, flow rates and operation time, as indicated on the drawings and on the irrigation system specifications. Adjust all sprinklers to avoid overthrow of water onto buildings, roadways,

8. Contractor to provide installation shop drawings and manufacturer product information for all irrigation components. All installation shall be as recommended by manufacturers. The quantities shown in the legends and symbol sheets shall not be used for bidding purposes. The contractor will be responsible for

1. All irrigation main(s) & submain(s) and be Class 200 PVC Purple Pantone Reclaimed pipe with solvent weld fittings. All pipes used downstream of each remote control valve shall be Class 200 PVC Purple Pantone Reclaimed pipe or higher solvent weld pipe.

GENERAL IRRIGATION NOTES

- 1. Connect to irrigation to lowest quality water source available.
- 2. Install backflow preventer as required
- Irrigation system controller will be installed with rain sensor and back-up battery.
- 4. Shrub and tree irrigation to be Hunter Drip Line and poly line with emitters as shown in details
- Automatic irrigation system to provide 100% coverage of shrubs and trees only.
- All trees shall be on a separate irrigation zone from shrubs. Tree zone to be turned
- off after tree establishment.
- 7. Sod to be irrigated by hand until established.
- 8. Sitework contractor to provide 4" SCh 40 PPVC chase pipes at pavement crossings
- 9. Irrigation pressure and volume are unknown at this time

10. Irrigation contractor to adjust system design to match water pressure and volume available.		
☐ 3/4" DISC FILTER	( -	T
PVC MAINLINE REMOTE CONTROL 3/4" SCH 80 / 3/4" PRV 3/4" SCH 80 VALVE UNION / UNION	E:	
EASY FIT COMPRESSION TEE:	DA	
TIE DOWN STAKE: RAIN BIRD LD16STK FINISH GRADE	REVISION:	
BRICK SUPPORT 1 CU. FT. PEA (1- EA. CORNER) GRAVEL SUMP REMOTE CONTROL VALVE W/ 3/4" PRV & 3/4" DISC FILTER SECTION - NO SCALE		
RIP LINE ON GRADE Florida Water ** Horida	awn: BH	

### L.R. Huffstetler III - Lic. # 0000744

Engineering Services, Inc.

Wicks

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![](_page_18_Figure_47.jpeg)

![](_page_19_Figure_0.jpeg)

2 A602			3 A601	1 A601
-4) (SF-4) (SF-4	1 SF-4 ( SF-4) ( S	SF-4	SF-4	SF-4

![](_page_19_Figure_2.jpeg)

### FLASHING NOTES:

Exterior walls shall provide the building with a weather-resistant exterior wall envelope. The exterior wall envelope shall include flashing as

One layer of No. 15 asphalt felt, free from holes and breaks, complying with ASTM D 226 for Type 1 felt or other approved water-resistive barrier shall be applied over studs or sheathing of all exterior walls. Such felt or material shall be applied horizontally, with the upper layer lapped over the lower layer not less than 2 inches (51 mm). Where joints occur, felt shall be lapped not less than 6 inches (152 mm). The felt or other approved material shall be continuous to the top of walls and terminated at penetrations and building appendages in a manner to meet the requirements of the exterior

Approved corrosion-resistant flashing shall be applied shingle-fashion in a manner to prevent entry of water into the wall cavity or penetration of water to the building structural framing components. Self-adhered membranes used as flashing shall comply with AAMA 711. The flashing shall extend to the surface of the exterior wall finish. Approved corrosion-resistant flashings shall be installed at all of the following locations:

1. Exterior window and door openings. Flashing at exterior window and door openings shall extend to the surface of the exterior wall finish or to the water-resistive barrier for subsequent drainage. Flashing at exterior window and door openings shall be installed in

accordance with one or more of the following or other approved method: 1.1 In accordance with FMA/AAMA 100, FMA/AAMA 200, or

1.2 In accordance with the flashing details provided herein.

2. At the intersection of chimneys or other masonry construction with frame or stucco walls, with projecting lips on both sides under stucco

3. Where exterior porches, decks or stairs attach to a wall or floor assembly of wood-frame construction.

![](_page_19_Picture_12.jpeg)

FRUITLAND PARK	<b>City of Fruitland Park, Florida</b> <b>Community Development Department</b> 1506 W. Berckman St., Fruitland Park, Florida 34731 Tel: (352) 360-6727 Fax: (352) 360-6652 <i>www.fruitlandpark.org</i>	Staff Use Only           Case No.:           Fee Paid:           Receipt No.:				
	Development Applica	tion				
Contact Information	on:					
Owner Name: Le	esburg Fruit Company, Inc. / Rufus M. Holloway, Trustee / Holloway	Properties, Inc.				
Phone: 407-837-83	52 Fmail: RMHJR36@aol.com					
Applicant Name: 1	same as above					
Address:						
Phone:	Email:					
Engineer Name: T	ed Wicks, P.E., Wicks Engineering Services					
Address: 255 W. M	lain Street, Tavares, FL 32778					
Phone: 352-343-86	667 Email: tedwicks@wicksenginee	ering.com				
Property and Proje	ect Information:					
PROJECT NAME*	Leesburg Fruit Company, Inc. PUD					
*A project name is requ	uired for all submissions. Please choose a name representative of the project fo	r ease of reference.				
Property Address:	East of CR 468					
Parcel Number(s):	See attached (multiple parcels) Section:	and 16 Township: 19 Range 24				
Area of Property:	177.7 Nearest Intersection	CR 468 and Lewis Road				
Existing Zoning:	PUD Existing Future Land	ting Future Land Use Designation: MFHD				
Proposed Zoning:	PUD Proposed Future Lar	nd Use Designation: Mixed Residential/Commercial				
The property is pro	esently used for: Agriculture					
The property is pro	oposed to be used for: Residential with commercial along CR 468	J				
Do you currently h	nave City Utilities?No					
Application Type:						
Annexation	🗌 Comp Plan Amendment 🛛 🖌 Rezonin	g 🖌 🖌 Planned Development				
Variance	Special Exception Use Condition	onal Use Permit 🛛 🗌 Final Plat				
Minor Lot Spli	t 🗌 Preliminary Plan 🗌 Constru	ction Plan 🛛 ROW/Plat Vacate				
Site Plan	Minor Site Plan Replat c	of Subdivision				
Please describe yo	our request in detail:	ed Community PUD pursuant to the City adopted				
Comprehensive Pla	an and Land Development Regulations					
<u>Required Data, D</u> Attached to this a schedule. These it your application p	ocuments, Forms & Fees opplication is a list of <u><b>REQUIRED</b></u> data, documents and forms for ems must be included when submitting the application packag backage <u>INCOMPLETE</u> and will not be processed for review.	each application type as well as the adopted fee le. Failure to include the supporting data will deem				
Signature:	Non M. Holloway	Date:				
owner to submit application.						

Development Application Checklist						
Ine Following are Required for ALL Development Applications:						
✓ Legal Description (Word file req'd)       ✓ Current Deed       ✓ Aerial Photo						
✓       Property Appraiser information       ✓       Electronic Copy of Application       ✓       Location Map						
Pre-application conferences are strongly encouraged. Submit TWO CDs with ALL documents in pdf; those that are generated as CAD files should be submitted in pdf and dwg formats Legal Descriptions should also come with a MS Word file of the legal description. Most maps are accessible through <a href="https://www.lakecountyfl.gov/maps/">www.lakecountyfl.gov/maps/</a> . Note: All maps are required to depict adjacent properties at a minimum.						
Failure to provide adequate maps may delay the application process.						
Other Required Analyses and Maps:						
Small Scale Comprehensive Plan Amendment Applications:						
🔄 Justification for Amendment 🔄 Environmental Constraints Map 🔄 Requested FLU Map						
Large Scale Comprehensive Plan Amendment Applications:						
Maps: Environmental Constraints Soils Requested FLUM Designation Requested Zoning Map Designation						
Analyses: 🗍 Environmental Assessment 🦳 Utility Availability Analysis 🦳 Urban Sprawl Analysis 🦳 School Impact Analysis						
Traffic Impact Analysis Consistency with the Comp Plan Elorida Master Site File sign-off or Archaeological Survey						
Rezoning Applications: 🖌 Requested Zoning Map 🗌 Justification for Rezoning						
Planned Development Applications:						
Maps/Plans: 🖌 Conceptual Plan as Described in LDRs Chapter 154, 🗌 Environmental Constraints Section 154.030,10,G						
Analyses: 🖌 Environmental Assessment 🗌 Traffic Impact Analysis 📄 Preliminary Concurrency Analysis						
Variance Applications:   Justification for Variance						
Special Exception Use Applications:						
Site Sketch						
Conditional Use Permit Applications:						
Site Plan as Described in LDRs, Chapter 155 Written Statement as Described in LDRs, Chapter 155						
Subdivision Applications: (Preliminary Plan, Improvement Plan and Final Plat)						
Minor Subdivision Applications: As Described in LDRs, Chapter 157						
Site Plan Applications: As Described in LDRs, Chapter 160						

![](_page_22_Picture_0.jpeg)

Wicks Engineering Services, Inc.

225 West Main Street + Tavares, Florida 32778 P (352) 343-8667 F (352) 343-8665

January 11, 2019

Ms. Tracy Kelley Community Development Director City of Fruitland Park 506 West Berckman Street Fruitland Park FL 34731

RE: Dr. Rufus Holloway (Leesburg Fruit Company) PUD Rezoning

Dear Ms. Kelley,

Attached is the application and supporting information for the rezoning of the Holloway / Leesburg Fruit Company parcels that are located within the City Limits. The proposed rezoning is requested to allow the construction of a Mixed Community PUD as shown on the Concept Plan for the Project. The proposed PUD zoning and Land Use Designation is intended to facilitate the development of a residential community with a commercial component.

The application is accompanied with the appropriate fee and supporting documents. Please do not hesitate to contact me if you have any questions or comments regarding this application.

Sincerely,

Ted Wicks Kenneth R. "TED" Wicks, P.E.

Enclosures

xc: Dr. Rufus Holloway

18158 / Permits / City / 2019-01-11 Cover Letter Rezone

![](_page_23_Figure_0.jpeg)

BEING THE SOUTH 1/4 CORNER OF SECTION 9, TOWNSHIP 19 SOUTH, RANGE 24 EAST): THENCE SOUTH 89°43'16" EAST, ALONG THE SOUTH LINE OF BLOCK 46, A DISTANCE OF 400.00 FEET; THENCE NORTH 00°26'56" EAST, 342.53 FEET, FOR THE POINT OF BEGINNING OF THIS PARCEL; FROM SAID POINT OF BEGINNING CONTINUE NORTH 00°26'56" EAST 239.91 EEET: THENCE SOUTH 89°33'50" EAST 36.00 EEET THENCE NORTH 00°25'26" EAST, 396.16 FEET, TO THE SOUTH LINE OF URICK STREET (A 50 FOOT RIGHT-OF WAY); THENCE ALONG SAID SOUTH RIGHT-OF-WAY LINE SOUTH 89°30'00" EAST, 400.00 FEET; THENCE SOUTH 00°26'10" WEST, 629.00 FEET THENCE SOUTH 89°33'50" EAST, 436.00 FEET, TO THE POINT OF BEGINNING.

> PUD st Main Street, Tavares, Florida 32778 vicksengineering.com (352) 343-8667 C.A. #30062 File No.: 15121 Fruitland Park, Florida Sheet: 1 of 1

![](_page_24_Figure_0.jpeg)

### FRUITLAND PARK Lake County, Florida

Zoning

![](_page_25_Figure_2.jpeg)

Legend			
	City of Fruitland Park		
	County Boundary		
City of Fruitland Park Zoning			
	R-1 Single - Family Low Density Residential		
	R-2 Single - Family Medium Density Residential		
1111	R-2A, Medium Density Residential		
	R-3 Multi-Family High Density Residential		
11/1	R-3A High Density Residential/Neigbhorhood Commercial		
()	RP Residential Professional		
	C-1 Neighborhood Commercial		
	C-2 General Commercial		
	IND Industrial		
	PUD Planned Unit Developement		
	CPUD, Commercial Planned Unit Development District		
	IND-PUD, Industrial PUD		
	MPUD, Mixed Use PUD		
	PFD Public Facilities District		
	GB Green Belt District		
	ROW Right-of-Way		

### HOLLOWAY TREE FARM

Preliminary Threatened and Endangered Species Report – Environmental Assessment

SITE INFORMATION:

2620 GRIFFIN RD, LEESBURG, FL 34748

Prepared for:

RUFUS M HOLLOWAY, Jr 1616 Lakeshore Drive, Orlando, FL 32803

& Wicks Engineering Services, Inc. 225 W. Main Street, Tavares, FL 32778

Prepared by:

![](_page_26_Picture_8.jpeg)

701 Jefferis Ct, Eustis, FL 32726 Phone: (352) 406-6879 Fax: (866) 249-9203 Email: <u>jkenvironmental@gmail.com</u> 10/20/15

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Flood Prone Area Determination	3
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### List of Exhibits

- Exhibit 1: Vicinity Location Map.
- Exhibit 2: Map of Survey with Project Area
- Exhibit 3: Legal Description
- Exhibit 4: NRCS Soils Map Lake County Soil Survey.
- Exhibit 5: Land Use & Aerial Map FLUCFCS.
- Exhibit 6: Flood Map & Wetlands
- Exhibit 7: Listed Species Survey
- Exhibit 8: Bald Eagle Search Results

### INTRODUCTION

This report has been prepared to provide a **Preliminary** Threatened and Endangered Species Assessment and Environmental Assessment performed within a 248 acre property as shown on the attached survey and legal description shown within **Exhibits 2 and 3.** The property is located on the north of Griffin Road and approximately 1.3 miles west of Hwy 27, in Leesburg, Florida. Urick Road, in Fruitland Park borders the northern-most boundary of the project area.

- Reviewed existing GIS information, including soils, topography, flood plain, wetlands, and rare species listing.
- Conducted field inspection and determined site conditions including Florida Land Use Cover and Forms Classification System (FLUCFCS), and performed a preliminary Threatened and Endangered Species Survey (TES).
- Prepared an Assessment Report to include the following: 1) Land use Map using FLUCFCS; 2) Soils Map; 3) Flood Plain Map; 4) Protected species survey utilizing methodology consistent with that required by the Florida Fish and Wildlife Conservation Commission and the U.S. Fish & Wildlife Commission;

The applicant hired JK Environmental Services, LLC to provide a preliminary threatened and endangered species assessment and environmental assessment of the site's current use and condition.

### SITE LOCATION

The site is located within Sections 21 & 22, Township 19 South, Range 26 East, in Lake County, Florida. The project site is approximately 248 acres, and it is located on Griffin Road, approximately 1.3 miles west of Hwy 27 in Leesburg, Florida. A vicinity location map is provided as **Exhibit 1** as well as a Map of Survey with the project area labeled as **Exhibit 2**.

### SITE CONDITIONS

### Soils

According to the Soil Survey of Lake County Area, Florida issued by the U.S. Department of Soil Conservation Service, now Natural Resource Conservation Service, the site is represented by five (5) soil series. Following is the table with the listed soil series:

Map Unit Symbol	Map Unit Name
1	Sparr sand; 0-5% slopes
5	Apopka sand; 0-5% slopes
8	Candler sand; 0-5% slopes
9	Candler sand; 5-12% slopes
45	Tavares sand; 0-5% slopes

A copy of the soil survey, adopted from the USGS-NRCS Web Soil Survey, is shown as **Exhibit 4.** 

### Land Uses

The existing Land Use Classification for the subject property area was identified by utilizing the Florida Land Use Cover and Forms Classification System (FLUCFCS), an on-site inspection, and aerial photography.

The land uses within the property and its vicinity were identified from the FLUCFCS as follows and shown on the attached Land Use Map as **Exhibit 5**:

ID	DESCRIPTION
1111	Fixed single family units – Low Density
1211	Fixed single family units – Medium Density
1331	Multiple Dwelling Units – Multi-Family single story
147	Mixed Commercial & Other Services
150	Industrial/Manufacturing
166	Holding Pond – Lined
224	Abandoned Grove – Citrus
241	Tree Nursery
261	Harvested Agricultural Land – tree farm
4122	Longleaf pine-Xeric oak; 30-50% crown closure
4212	Xeric Oak; 30-50% crown closure
4411	Planted Pines; 30-50% crown closure
616	Inland pond – wetlands
8144	County maintained road
8315	Utilities – Sub-station

### WETLANDS AND OTHER SURFACE WATERS

"Wetlands," as defined in subsection 373.019(17), F.S., means those areas that are inundated or saturated by surface water or ground water at a frequency and a duration sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soils. Soils present in wetlands generally are classified as hydric or alluvial, or possess characteristics that are associated with reducing soil conditions. The prevalent vegetation in wetlands generally consists of facultative or obligate hydrophytic macrophytes that are typically adapted to areas having soil conditions described above. These species, due to morphological, physiological, or reproductive adaptations, have the ability to grow, reproduce or persist in aquatic environments or anaerobic soil conditions. Florida wetlands generally include swamps, marshes, bayheads, bogs, cypress domes and strands, sloughs, wet prairies, riverine swamps and marshes, hydric seepage slopes, tidal marshes, mangrove swamps and other similar areas. Florida wetlands generally do not include longleaf or slash pine flatwoods with an understory dominated by saw palmetto.

JK Environmental Services, LLC conducted an onsite field evaluation on September 21, 2015 and on September 29, 2015 to verify the presence, or absence of jurisdictional wetland lines (JWL). The project site does have jurisdictional wetlands as defined in subsection 373.019(17), Florida Statutes. According to the methodology set forth in Chapter 62-340, Florida Administrative Code, *Delineation of the Landward Extent of Wetlands and Surface Water*, JK Environmental Services, LLC did observe the presence of wetlands within the project site. **Exhibit 6** shows the Jurisdictional Wetland Lines as estimated per Lake County GIS.

### FLOOD PRONE AREA DETERMINATION

The site is mostly outside 100-year flood area (zone x) according to the Lake County GIS, and as per Fema Flood Map panels 12069C0306E & 12069C0308E. The areas within the 100-year flood area (zone A) are labeled and shown within **Exhibit 6.** 

### LISTED SPECIES SURVEY

The U.S. Fish and Wildlife Service (USFWS) regulate and protect federally listed plant and animal species under the Endangered Species Act of 1973. The Florida Fish and Wildlife Conservation Commission (FWC) regulate and protect animal species listed as Threatened (LT), Endangered (LE), and Species of Special Concern (LS). In addition, the Florida Department of Agriculture and Consumer Affairs (FDA) list plants that are considered Endangered, Threatened, and/or Commercially Exploited. These agencies exercise control over the taking which includes harming, harassing, wounding, possessing, or killing protected species or their nests. Permits

may be required prior to development if protected species will be taken by development.

JK Environmental Services, LLC (JKE), conducted pedestrian transects along the proposed utility line area between September 21, 2015 and on September 29, 2015 to determine the presence of listed animal or plant species. Transects were performed such that representative areas of all of the habitats on-site were visually surveyed.

### **RESULTS, CONCLUSIONS, AND RECOMMENDATIONS**

### Habitat

The field evaluation on September 21, 2015 and on September 29, 2015, confirmed that the referenced site consists primarily of a tree farm/tree nursery, with medium density single family residential homes bordering part of the west boundary line, Griffin Rd and Urick Road along the South and the North boundary lines respectively, as well as industrial/manufacturing industry along the south-east boundary. A thorough habitat/land use detail map is provided as **Exhibit 5**.

### Listed species

During the evaluation, no species of concern were observed onsite close enough to affect the location of the proposed project area within the entire property. Less than 10 Gopher Tortoise (*Gopherus polyphemus*) burrows (active or inactive) were observed within the property, though none within the proposed site development. No development is expected less than 25 ft from any active burrow, and at this time, no Gopher Tortoise burrows are expected to be affected or required to be moved due to the proposed development. A suitable habitat for Gopher Tortoises remains onsite outside the proposed project area that will not be impacted. Should any tortoises move within the development site area by the time the project commences, a choice of permits are available through the FWC.

The Florida Fish and Wildlife Conservation Commission's online search engine was consulted to determine whether there are any documented Bald Eagle's (*Haliaeetus leucocephalus*) nests within or near the proposed site. The search revealed no documented Bald Eagles nests within 5280 feet (1 mile) of the property. The results of the online search have been included within **Exhibit 8**.

A thorough list of protected species known to occur in the vicinity of the subject site based on the FNAI (Florida Natural Areas Inventory) is included within **Exhibit 7.** The list summarizes the species, general habit description,

state and federal status, and the site observations according to the site visit on September 21, 2015 & on September 29, 2015.

The results are based on field observations taken at the time of the site visit for the purposes of this report and do not preclude listed species from moving onto or out of the site in the future.

This environmental assessment does not constitute a Phase I Environmental Assessment and this report makes no representation as to the presence or absence of hazardous materials.

JK Environmental Services, LLC greatly appreciates the opportunity providing you with our services. If you have any questions or comments related to the information provided in this report, please contact our office at (352) 406-6879 or email us at <u>ikenvironmental@gmail.com</u>.

Sincerely,

Hatal

John Katsantonis, Professional Environmental Scientist JK Environmental Services, LLC

Exhibits/attachments

# EXHIBIT 1

![](_page_34_Figure_0.jpeg)

![](_page_34_Figure_1.jpeg)

![](_page_34_Figure_2.jpeg)

HOLLOWAY TREE FARM 2620 GRIFFIN RD, LEESBURG, FL 34748 LOCATION MAP – GOOGLE MAPS

![](_page_34_Picture_4.jpeg)

# EXHIBIT 2




FD. 4" x 4" CM.	
& CAP PSM 3715	
ADD M)	

#### **DESCRIPTION:**

A PARCEL OF LAND LYING IN A PORTION OF SECTION 9 AND 16, TOWNSHIP 19 SOUTH, RANGE 24 EAST, LAKE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE NORTHEAST CORNER OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/2 OF SECTION 16, TOWNSHIP 19 SOUTH, RANGE 24 EAST, LAKE COUNTY, FLORIDA; THENCE SOUTH ALONG THE EAST LINE OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 16, TO THE NORTHEAST CORNER OF THE NORTH 495.00 FEET OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 16; THENCE CONTINUE SOUTH ALONG THE EAST LINE OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 16 TO THE SOUTHEAST CORNER OF THE NORTH 495.00 FEET OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 16; THENCE CONTINUE SOUTH ALONG SAID EAST LINE OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 TO THE NORTHEAST CORNER OF THE SOUTH 272.50 FEET OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 16; THENCE SOUTH ALONG THE EAST LINE OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 16 A DISTANCE OF 272.50 FEET TO THE NORTH RIGHT-OF-WAY LINE OF GRIFFIN ROAD; THENCE WEST ALONG SAID NORTH RIGHT-OF-WAY LINE OF GRIFFIN ROAD TO THE EAST LINE OF SAID EDGEWOOD PARK, ADDITION NO. 2, AS RECORDED IN PLAT BOOK 12, PAGE 61, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA; THENCE NORTH ALONG THE EAST LINE OF SAID EDGEWOOD PARK, ADDITION NO. 2 TO THE SOUTHEAST CORNER OF LOT 17, OF SAID EDGEWOOD PARK, ADDITION NO. 2; THENCE WEST ALONG THE SOUTH LINE OF LOTS 17 AND 16, OF SAID EDGEWOOD PARK, ADDITION NO. 2 TO THE SOUTHWEST CORNER OF LOT 16 OF EDGEWOOD PARK, ADDITION NO. 2; THENCE NORTH ALONG THE WEST LINE OF SAID LOT 16 TO THE NORTHWEST CORNER OF SAID LOT 16, SAID POINT BEING ON THE NORTH LINE OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 16; THENCE WEST ALONG SAID SOUTH LINE TO THE WEST LINE OF THE SOUTHEAST 1/4 OF SAID SECTION

16; THENCE NORTH ALONG SAID WEST LINE AND ALONG THE WEST LINE OF THE NORTHEAST 1/4 OF SAID SECTION 16 TO THE SOUTHEAST CORNER OF THE SOUTH 3/4 OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 16, LESS THE SOUTH 50.00 FEET THEREOF; THENCE WEST, 50.00 FEET NORTH OF AND PARALLEL WITH THE SOUTH LINE OF THE SOUTH 3/4 OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 16 TO THE EAST RIGHT-OF-WAY LINE OF COUNTY ROAD 468; THENCE NORTH ALONG SAID EAST RIGHT-OF-WAY LINE TO AN INTERSECTION WITH THE NORTH LINE OF THE SOUTH 3/4 OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 16; THENCE EAST ALONG SAID NORTH LINE OF THE SOUTH 3/4 OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 16 TO THE SOUTHWEST CORNER OF THE EAST 756.00 FEET OF THE NORTH 1/4 OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 16, THENCE NORTH ALONG THE WEST LINE OF EAST 756.00 FEET OF THE NORTH 1/4 OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 16 TO THE NORTH LINE OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 16; THENCE EAST ALONG SAID NORTH LINE TO THE NORTHEAST CORNER OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 16, SAID POINT ALSO BEING THE SOUTHWEST CORNER OF THE SOUTHEAST 1/4 OF SECTION 9, TOWNSHIP 19 SOUTH, RANGE 24 EAST, LAKE COUNTY, FLORIDA, SAID POINT ALSO BEING THE SOUTHWEST CORNER OF BLOCK 46, TOWN OF FRUITLAND PARK, ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 4, PAGE 8, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA, THENCE EAST ALONG THE SOUTH LINE OF SAID BLOCK 46 TO THE EAST RIGHT-OF-WAY LINE OF OLIVE AVENUE; THENCE NORTH ALONG SAID EAST RIGHT-OF-WAY LINE TO THE SOUTH RIGHT-OF-WAY

LINE OF URICK STREET; THENCE EAST ALONG SAID SOUTH RIGHT-OF-WAY LINE 433.48 FEET; THENCE SOUTH 396.36 FEET; THENCE WEST 36.00 FEET; THENCE SOUTH 582.55 FEET TO THE SOUTH LINE OF THE AFORESAID BLOCK 46, SAID POINT ALSO BEING ON THE NORTH LINE OF THE NORTHEAST 1/4 OF THE AFOREMENTIONED SECTION 16; THENCE EAST ALONG THE NORTH LINE OF THE NORTHEAST 1/4 OF SAID SECTION 16 TO THE NORTHEAST CORNER OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SAID SECTION 16; THENCE SOUTH ALONG THE EAST LINE OF THE NORTHWEST 1/4 AND THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SAID SECTION 16 TO THE SOUTHEAST CORNER OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SAID SECTION 16; THENCE EAST ALONG THE NORTH LINE OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SAID SECTION 16 TO THE NORTHEAST CORNER OF THE N.E. 1/4 OF THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SAID SECTION 16; THENCE SOUTH ALONG THE EAST LINE OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SAID SECTION 16 TO THE SOUTHEAST CORNER OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SAID SECTION 16; THENCE WEST ALONG THE SOUTH LINES OF THE NORTHEAST 1/4 AND THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SAID SECTION 16 TO THE SOUTHWEST CORNER OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4; THENCE SOUTH ALONG THE EAST LINE OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 TO THE SOUTHEAST CORNER OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 AND THE **POINT OF BEGINNING.** 





## Map Unit Legend

Lake County Area, Florida (FL607)						
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI			
1	Sparr sand, 0 to 5 percent slopes	2.1	0.9%			
5	Apopka sand, 0 to 5 percent slopes	62.3	25.5%			
8	Candler sand, 0 to 5 percent slopes	133.5	54.6%			
9	Candler sand, 5 to 12 percent slopes	25.3	10.3%			
45	Tavares sand, 0 to 5 percent slopes	14.4	5.9%			
99	Water	6.7	2.7%			
Totals for Area of Interest		244.3	100.0%			





November 5, 2015

- County Boundary Street Names
- Local Streets
- Tax Parcels
- Surrounding Counties
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE
- <all other values>
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other

Riverine



## Protected Species *Known* to Occur in the Vicinity of the Subject Site and Likely to Occur Within Matrix Unit 35407 Based on the FNAI (Florida Natural Areas Inventory)

Common Name	General Habitat Description	LISEWS	EWC	Potential for
Scientific Name	Seneral Habitat Description USF		Status	
Scientific Name		Status	อเลเนร	Site Observations
BIBDS				Site Observations
BIRDS		NI	OT	
Florida Sandhili Crane	Uplands, wetlands	N	51	Suitable habitat
Grus canadensis pratensis			. –	Not observed
Wood Stork	Wetlands, estuarine & marine, freshwater	LE	LE	Suitable habitat
Mycteria Americana				Not observed
Florida Burrowing Owl	Dry prairie, sandhill, high sparsely vegetated	N	SSC	No suitable habitat
Athene cunicularia floridana	sandy ground			Not observed
Bald Eagle	Wetlands, freshwater, estuarine & marine,	N	N	Suitable habitat
Haliaeetus leucocephalus	Uplands			Not observed
REPTILES				
Southern Hognose Snake	Scrub, xeric hammock, sandhill, wetlands	Ν	Ν	Suitable habitat
Heterodon simus				Not observed
Eastern Indigo Snake	Wetlands, estuarine & marine, freshwater,	LT	FT	Suitable habitat
Drymarchon couperi	scrub, sandhills			Not observed
Gopher Tortoise	Uplands, scrub, sandhills, xeric oak	N	LT	Suitable habitat
Gopherus polvphemus	hammock			OBSERVED
Short-tailed Snake	Uplands, sandhills, xeric hammock	N	LT	Suitable habitat
l ampropeltis exteruata				Not observed
Florida Scrub Lizard	Xeric, fire-maintained communities with deep sands	N	N	Suitable habitat
Sceloporus woodi	sand nine scrub forest edges sandhills			Not observed
AMPHIBIANS				
Gonber Frog	I Inlands wetlands freshwater	N	SSC	Suitable babitat
Rana capito			000	Not observed
MAMMALS				
Pound-tailed muskrat	Shallow marshos	N	N	No suitable babitat
Noofibor alloni		IN	IN	Not observed
Florida Long tailed weasal	Shallow marabaa	N	N	Not observed
Mustola francta papingulao	Shallow marshes	IN	IN	Not observed
	Unlanda, acceptal corrub, corrub, condhill	N	222	Suitable babitat
Podomyo floridanyo	opianus, coastai scrub, scrub, sanunin	IN	330	Not obsorved
Shormon's Fox Squirrol	Liplanda wationda	N	222	Suitable babitat
Sherman's Fox Squirrer	opianus, wettanus	IN	330	Not observed
Sciurus niger shermani		NI	NI	
Southeastern Bat	Roost in caves, cuivers, bridges, hollow trees, &	IN	IN	No suitable habitat
Myous austronpanus	occasionally in nouses; creeks, rivers, & lakes	NI	от	
	variety of forested communities, forested wetlands, bayneads	IN IN	51	No suitable habitat
Orsus americanus nondanus		<u> </u>	NI	Not observed
Striped Newt	Xeric uplands, pine flatwoods, depression marshes without	C	N	Suitable nabitat
	predatory fishes, sandhilis, scrub			Not observed
PLANIS			. –	
Florida Bonamia	Openings or disturbed areas on white sand scrub on	LT	LE	No suitable habitat
Bonamia grandiflora	Central Florida ridges, with scrub oaks, sand pine & lichens			Not observed
Incised Groove-bur	no critical habitats listed	N	LE	Suitable habitat
Agrimonia incisa				Not observed
Florida Crabgrass	Along paths, mostly in sawdust	N	N	No suitable habitat
Digitaria floridana				Not observed
Many-flowered Grass-pink	Flatwoods with longleaf pine, wiregrass, saw	N	LE	No suitable habitat
Calopogon multiflorus	palmetto			Not observed
Raffled Spleenwort	Rockland hammocks, limestone outcrops, grottoes &	N	Ν	No suitable habitat
Asplenium plenum	sinkholes			Not observed
Curtiss' Spleenwort	Rockland hammocks, limestone outcrops, grottoes &	N	Ν	No suitable habitat
Asplenium x curtissii	sinkholes			Not observed

## Protected Species *Known* to Occur in the Vicinity of the Subject Site and Likely to Occur Within Matrix Unit 35407 Based on the FNAI (Florida Natural Areas Inventory)

Sand Butterfly Pea	Uplands, mesic flatwoods, swamp	Ν	LE	Suitable habitat
Centrosema arenicola	flatwoods			Not observed
Cooley's Water Willow	Mesic hardwood hammocks over limestone	LE	LE	No suitable habitat
Justicia cooleyi				Not observed
Florida Milkvine	Pine lands, temperate forests	Ν	LE	Suitable habitat
Matelea floridana				Not observed
Florida Pigmy Pipes	Oak scrub, xeric hammock, Sand pine scrub	Ν	LE	Suitable habitat
Monotropsis reynoldsiae	uplands			Not observed
Celestial Lily	Wet flatwoods, prairies, marshes, cabbage	Ν	LE	No suitable habitat
Nemastylis floridana	palm hammocks edges			Not observed
Florida Bristle Fern	Hammock of interpersed flat limestone outcrops with	Ν	LE	No suitable habitat
Trichomanes punctatum spp.	overhead of magnificent oak association; ferns in understory			Not observed
Pinkroot	Wetlands, wet woods, floodplain forests,	Ν	LE	No suitable habitat
Spigelia loganioides	hydric hammocks			Not observed
Wagner's Spleenwort	Limestone outcrops, limesinks, cave openings.	Ν	Ν	No suitable habitat
Asplenium heteroresiliens				Not observed

#### Legend:

USFWS (Federal status) = U.S. Fish and Wildlife Service

FWC (State status) = Florida Fish and Wildlife Conservation Commision

LE = Endangered; FT = Threatened; SSC = Species of Special Concern; N = none

C = Candidate species; ST = Threatened species(state pop. Listed)

Date: 10/2/15

## This report was generated using the bald eagle nest locator at https://public.myfwc.com/FWRI/EagleNests/nestlocator.aspx

**Search Entered:** Within 1 miles of 2620 GRIFFIN RD, LEESBURG, FL (latitude 28.828682 and longitude -81.9079546); All Search Results

0 record(s) were found; 0 record(s) are shown

### Bald Eagle Nest Map:



### Bald Eagle Nest Data Search Results:

"U" denotes a nest that was visited but status was undetermined

"Y" denotes an active nest "N" denotes an inactive nest

"-" denotes an inactive nest

"U" denotes a nest that was visited but status was undeter "\*" denotes a nest that was not surveyed



**City of Fruitland Park, Florida Community Development Department** 506 W. Berckman St., Fruitland Park, Florida 34731 Tel: (352) 360-6727 Fax: (352) 360-6652 *www.fruitlandpark.org*  Staff Use Only

Case No.:

Fee Paid: Receipt No.:

Develop	ment Application				
Custo et la formation	ment Application				
Contact Information:					
Owner Name: Michel Moukhara - A.A. Moukhara comp	Jany				
Address: 7777 NW 2011 Lane, Gamesville, Honda 02000 Phone: 386-867-1003 Email: mmoukhtara@gmail.com					
A Moultana Saved Moultana - A A Moultana Cor	mpany				
Address: 7717 NW 20th Lane, Gainesville, Florida 32605		the start			
Phone: 352-278-5317 Email:	Smaaps@atlantic.net				
Engineer Name: David W. Springstead/Springstead Engi	neering, Inc.	Alleria alleria			
Address: 727 South 14th Street, Leesburg, Florida 34748	3				
Phone: 352-787-1414 Email:	staff@springsteadeng.net				
Property and Project Information:					
PROJECT NAME*: The Glen - Phases 11, 12, & 13	presentative of the project for ease of re	ference.			
*A project name is required to all submissions. Thease choose a name rep	Park Florida 34731				
Property Address: 1339 Myrile Lake Avenue, Fruitiand F	Castion: 08	Townshin: 19	Bange 24		
Parcel Number(s): 08-19-24-000300002300	Section: 00	Ownship			
Area of Property: 38.57 +/-	Nearest Intersection: Porest				
Existing Zoning: PUD	Existing Future Land Use Designation: SFMD				
Proposed Zoning: PUD	Proposed Future Land Use De	esignation: <u>SFMD</u>			
The property is presently used for: Vacant					
The property is proposed to be used for: Single Family R	esidential		· · · · · · · · · · · · · · · · · · ·		
Do you currently have City Utilities? Yes					
Application Type:					
Annexation Comp Plan Amendment	Rezoning	Pla	nned Development		
□ Variance □ Special Exception Use	Conditional Use	Permit 🖌 Fin	al Plat		
Minor Lot Split Preliminary Plan	Construction Pla	in 🗌 RO	W/Plat Vacate		
Site Plan	Replat of Subdiv	rision			
Di unite ste chan	proval for Phases 11 12 & 13 cu	rrently under constructi	on.		
Please describe your request in detail: <u>Requesting plat ap</u>					
<b>Required Data, Documents, Forms &amp; Fees</b> Attached to this application is a list of <b>REQUIRED</b> data, do schedule. These items must be included when submitting your application package <b>INCOMPLETE</b> and will not be pr	ocuments and forms for each ap the application package. Failur ocessed for review.	plication type as well e to include the supp	as the adopted fee orting data will deem		
1					
Signature:		Date:	2019		

If application is being submitted by any person other than the legal owner(s) of the property, the applicant must have written authorization from the owner to submit application.

Development Application Checklist
The Following are Required for ALL Development Applications:
$\Box \text{ Legal Description (Word file reg'd)} \Box \text{ Current Deed} \Box \text{ Aerial Photo}$
Property Appraiser Information Electronic Copy of Application Location Map
Pre-application conferences are strongly encouraged. Submit TWO CDs with ALL documents in pdf; those that are generated as CAD files should be submitted in pdf and dwg formats. Legal Descriptions should also come with a MS Word file of the legal description. Most maps are accessible through <u>www.lakecountyfl.gov/maps/</u> . Note: All maps are required to depict adjacent properties at a minimum.
Failure to provide adequate maps may delay the application process.
Other Required Analyses and Maps:
Small Scale Comprehensive Plan Amendment Applications:
🔲 Justification for Amendment 🛛 Environmental Constraints Map 🔲 Requested FLU Map
Large Scale Comprehensive Plan Amendment Applications:
Maps: Environmental Constraints Soils Requested FLUM Designation Requested Zoning Map Designation
Analyses: Environmental Assessment Utility Availability Analysis Urban Sprawl Analysis School Impact Analysis Traffic Impact Analysis Consistency with the Comp Plan Florida Master Site File sign-off or Archaeological Survey
Rezoning Applications: Requested Zoning Map Justification for Rezoning
Planned Development Applications:
Maps/Plans: Conceptual Plan as Described in LDRs Chapter 154, Environmental Constraints Section 154.030,10,G
Analyses: 🔲 Environmental Assessment 📄 Traffic Impact Analysis 📄 Preliminary Concurrency Analysis
Variance Applications:  Ustification for Variance
Special Exception Use Applications:
Site Sketch
Conditional Use Permit Applications:
Site Plan as Described in LDRs, Chapter 155 Written Statement as Described in LDRs, Chapter 155
Subdivision Applications: (Preliminary Plan, Improvement Plan and Final Plat)
Minor Subdivision Applications: 🛛 As Described in LDRs, Chapter 157
Site Plan Applications: As Described in LDRs, Chapter 160









This survey map and report is not valid without the signature and original seal of the Florida licensed surveyor and mapper which can be found at the end of this report.

#### **Data Sources:**

 Request from client to prepare a boundary survey of the subject parcel.
 Title policy furnished by Alliant National Title Insurance Company, prepared by American Land Title Association Commitment Number 18000142.
 Preliminary Plat of THE GLEN PHASE'S 1-13, furnished by Springstead Engineering.
 Maps and Descriptions contained on the plats of THE GLEN PHASES 1-9, as recorded in the Public Records of Lake County, Florida.
 Corner monuments as found in place.

#### Limitations:

 No research was made in the Public Records of Lake County, Florida by the office of Billy Earl Owens, PSM, for easements, restrictions, rights-of-way, or reservations.
 Subsurface and environmental conditions were not examined or considered as a part of this survey.
 The word "certify" or "certificate" as shown and used hereon means an expression of professional opinion regarding the facts of the survey and does not constitute a warranty or guarantee, expressed or implied.
 THE GLEN PHASES 11, 12 & 13, was under construction, at the time of this survey; roads, utilities and other improvements being installed were not located.

5) Underground foundations, if any, were not located.6) Survey and description are subject to easements, restrictions, rights-of-way and reservations, if any.

### Easements:

No easements were furnished.

#### Notes:

1) This survey was performed utilizing a Carlson GNSS Base and Receiver and Robotic Total Station. Corner monuments found and/or set utilizing a closed traverse and were verified by redundant measurements. Monuments found and/or set exceeds the minimum relative distance accuracy of 1 foot in 10,000 feet.

2) Bearings are based on the map of THE GLEN PHASES 7 and 8, recorded in Plat Book 59, Pages 25 and 26, Public Records of Lake County, Florida, and the monumented centerline of DAYBREAK DR.; this line is not shown.

3) All boundary bearings and distances were field measured and are in U.S. Feet.

#### Survey is for the benefit of:

Michel Moukhtara, President, on behalf of A. A. Moukhtara, Inc., a Florida Corporation.

#### Surveyor's certification:

I hereby certify this Map and Report Boundary Survey meets the STANDARDS OF PRACTICE for surveying as set forth by the Florida Board of Professional Surveyors and Mappers in Chapter 5J-17, Florida Administrative Code pursuant to Section 472.027, Florida Statutes. Date of Survey: *(Date will be added when temporary boundary points are replaced with concrete monuments)* 

Billy Earl Owens, PSM Florida Certificate No. 3522 VOID UNLESS SIGNED AND EMBOSSED WITH SURVEYOR'S SEAL doc\ The Glen Boundary Survey bk Field Drawing and dc

#### **DESCRIPTION FOR THE GLEN PHASES 11, 12 & 13:**

That part of the East <sup>1</sup>/<sub>2</sub> of the Southwest <sup>1</sup>/<sub>4</sub> of Section 8, Township 19 South, Range 24 East, Lake County, Florida, described as follows; from the Northeast corner of said East  $\frac{1}{2}$  of the Southwest  $\frac{1}{4}$  of Section 8, Township 19 South, Range 24 East, run N 89°22'17" W, along the north boundary of the East ½ of the Southwest <sup>1</sup>/<sub>4</sub> of said Section 8, a distance of 577.44 feet, to northwest corner of THE GLEN PHASE 10, as recorded in Plat Book 70, Page 29, Public Records of Lake County, Florida, and Point of Beginning of the following described parcel; from said Point of Beginning, continue N 89°22'17" W, along said north boundary, a distance of 754.79 feet, to the Northwest corner of said East ½ of the Southwest ¼; thence S  $01^{\circ}02'58''$  W, along the west boundary of said East  $\frac{1}{2}$  of the Southwest  $\frac{1}{4}$ , a distance of 2361.04 feet, to a point that is located N 01°02'58" E, a distance of 275.00 feet, from the Southwest corner of said East ½ of the Southwest <sup>1</sup>/<sub>4</sub>; thence S 88°55'13" E, and parallel with the south boundary of said East <sup>1</sup>/<sub>2</sub> of the Southwest <sup>1</sup>/<sub>4</sub>, a distance of 292.50 feet; thence N 01°02'58" E, and parallel with the aforesaid west boundary of the East ½ of the Southwest ¼, a distance of 500.00 feet; thence S 88°55'12" E, a distance of 250.40 feet, to the Southwest corner of THE GLEN PHASE'S 1,2 & 3, as recorded in Plat Book 53, Pages 62-63, Public Records of Lake County, Florida; thence along the westerly boundary of THE GLEN PHASE'S 1,2 & 3, the following courses; N 42°30'55" E, a distance of 58.41 feet; thence N 03°59'34" W, a distance of 51.94 feet; thence N 24°27'34" W, a distance of 73.72 feet; thence N 31°56'26" W, a distance of 125.13 feet; thence N 11°55'03" W, a distance of 50.16 feet; thence N 07°31'48" E, a distance of 43.70 feet; thence N 23°42'30" E, a distance of 92.64 feet; thence N 38°26'09" E, a distance of 99.69 feet; thence N 52°56'23" E, a distance of 106.90 feet; thence N 62°39'19" E, a distance of 93.81 feet; thence N 78°24'57" E, a distance of 37.17 feet; thence N 08°37'13" W, a distance of 106.75 feet, to a point on a curve concave to the south and having a radius of 430.51 feet; thence Easterly, along the arc of said curve, through a central angle of 9°39'48", a distance of 72.61 feet (Chord Bearing N 84°52'49" E, and Chord Length 72.52 feet), to the Southwest corner of THE GLEN PHASE'S 4, 5, 6 & 9, as recorded in Plat Book 56, Pages 11-12, Public Records of Lake County, Florida; thence along the west boundary of THE GLEN PHASE'S 4,5,6 & 9, the following courses; N 00°17'16" W, a distance of 154.49 feet; thence N 01°50'39" E, a distance of 50.03 feet, to a Point of Reverse Curve on the southerly boundary of the aforesaid THE GLEN PHASE 10, said curve being concave southerly and having a radius of 635.00 feet; thence from a radial bearing of N 00<sup>0</sup>07'12" W, run westerly, along the arc of said curve and southerly boundary of THE GLEN PHASE 10, through a central angle of 06°16'53", a distance of 69.62 feet (Chord Bearing S 86°44'22" W, and Chord Length 69.58 feet), to the southwest corner of THE GLEN PHASE 10; thence along the westerly boundary of THE GLEN PHASE 10, the following courses; N 06°24'05" W, a distance of 131.80 feet; thence N 88°54'28" W, a distance of 43.04 feet; thence N 03°55'27" E, a distance of 588.53 feet; thence S 88°54'28" E, a distance of 50.00 feet; thence N 37°15'30" E, a distance of 61.93 feet; thence N 88°54'28" W, a distance of 53.12 feet; thence N 01°05'32" E, a distance of 143.41 feet, to the Point of Beginning, and end of this description; area described contains 32.25 acres.



Prepared by: Billy Earl Owens, PSM Surveyor and Mapper Mailing Address: 494 CR 416N Physical Address: 39 CR 494 Lake Panasoffkee, FL 33538 PH: 352-793-2854 e-mail: beopsm3522@gmail.com



AREA OF MINIMAL FLOOD HAZARD

+

Approximate location based on user input

and does not represent an authoritative

property location

**Digital Data Available** 

Effective LOMRs

Unmapped

No Digital Data Available

Selected FloodMap Boundary

NO SCREEN Area of Minimal Flood Hazard Zone X

PIN

MAP PANELS

OTHER AREAS

Streets

POWERED BY

### CITY OF PRUITLAND PARK 120387

12799 A306 E eff. 12/18/2012





#### MAINTENANCE BOND

KNOW ALL MEN BY THESE PRESENTS, That we, A.A. Moukhtara Company, as Principal, and (insert name of surety), authorized to do business in the State of Florida, hereinafter referred to as "Surety", are held and firmly bound unto the CITY OF FRUITLAND PARK, Florida, hereinafter referred to as "CITY" in the sum of Eighty-Five Thousand Seven Hundred Forty and 80/100 Dollars (\$85,740.80) [twenty-five percent (25%) of the estimated cost of improvements] for the payment of which we do bind ourselves, and each of our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, PRINCIPAL has constructed certain improvements, including paving, stormwater, water, signage, and miscellaneous improvements as more particularly set forth on the Cost Estimate prepared by Springstead Engineering, Inc. attached hereto as Exhibit A, in that certain development described as The Glen Phase 11-13.

WHEREAS, pursuant to the City of FRUITLAND PARK Code, the aforesaid improvements were made pursuant to certain plans and specifications dated May 2002 and Revised November 19, 2003, filed with the CITY;

WHEREAS, PRINCIPAL is obligated to protect the CITY against any defects resulting from faulty materials or workmanship of said improvements and to maintain said improvements for a period of two (2) years from the date of the City's letter of acceptance of the improvements;

NOW, THEREFORE, the condition of this obligation is such that PRINCIPAL shall promptly and faithfully protect the CITY against any defects and correct any defects resulting from faulty materials or faulty workmanship of the aforesaid improvements, shall maintain said improvements, and shall correct, repair and otherwise maintain said improvements for a period of two (2) years from the date of the letter of acceptance of the improvements;

The CITY shall notify PRINCIPAL in writing of (1) any defect for which the PRINCIPAL is responsible and (2) any item that is not properly maintained and shall specify in said notice a reasonable period of time within which PRINCIPAL shall have to correct said defect or properly maintain said item.

The SURETY unconditionally covenants and agrees that if the PRINCIPAL fails to perform within the time specified, the SURETY, upon forty-five (45) days written notice from the CITY, or its authorized agent or officer, of the default with forthwith correct such defect or defects, perform the required maintenance and pay all CITY costs related hereto, including but not limited to, engineering costs, legal fees (including attorneys' fees on appeal) and contingent costs. Should the SURETY fail to refuse to correct said defects or perform the required maintenance, the CITY in view of the public interest, health, safety and welfare factors involved, and the consideration in approving and filing the said development, shall have the right to resort to any and all legal remedies against the PRINCIPAL and SURETY, both at law and in equity including specifically, specific performance, to which the PRINCIPAL and SURETY unconditionally agree.

The PRINCIPAL and SURETY further jointly and severally agree that the CITY, at its option, shall have the right (1) to correct said defects and/or (2) to perform the required maintenance in case the PRINCIPAL and/or SURETY shall fail or refused to do so, and in the event the CITY should exercise and give effect to such right, the PRINCIPAL and SURETY, shall be jointly and severally obligated hereunder to reimburse the CITY the total costs thereof, including but not limited to, construction costs, engineering costs, legal fees (including attorneys' fees on appeal) and contingent costs, together with any damages either direct or consequential, which may be sustained on account of the failure of the PRINCIPAL to correct said defects or maintain said improvements.

#### ADDRESSES FOR NOTICE ARE AS PROVIDED BELOW:

City Manager City of Fruitland Park 506 W Berckman Street Fruitland Park, Florida 34731		
PRINCIPAL:		
SURETY:		
Signed, sealed and dated this day of	, 2018.	
	Principal	(seal)
	By:	
	Date: Address:	
	Surety SURETY COMPANY	
	By:	
	Date:	
	Address:	

Attach Power of Attorney to this Bond

#### EXHIBIT "A" THE GLEN - PHASES 11-13 ENGINEER'S CONSTRUCTION COST ESTIMATE

	Description	<u>QTY</u> <u>I</u>	JNIT	U	NIT COST	T	OTAL COST
1	Roadways 1 1/2" SP 9.5 Level "C" Fine Graded Aspha Surface Course	alt5,578_	SY	\$	10.50	\$	58,569.00
2	6" Limerock Stabilized Shoulder (8' Wide,	LBR 40) 3,387	SY	\$	6.20	\$	20,999.40
3	8" Limerock Base (LBR 100)	5,883	SY	\$	10.60	\$	62,359.80
		Subtotal Roadways				\$	141,928.20
4	Drainage 14" x 23" Oval RCP	146	IF	s	90.00	\$	13 140 00
5	18" HDPE	234	LF	\$	80.00	\$	18 720 00
6	24" HDDE	205		¢	05.00	¢	10,720.00
7		2		ې د	2 700 00	<u>,</u>	11,100,00
7	Type E Inlet	3	EA	\$	3,700.00	<u>\$</u>	11,100.00
8	Mittered End Section	2	ΕA	\$	1,500.00	\$	3,000.00
9	Mitered End Section w/Dissipater	2	EA	\$	1,200.00	\$	2,400.00
	Water	Subtotal Drainage				\$	67,835.00
10	8" x 8" x 8" Tee	1	EA	\$	750.00	\$	750.00
11	4" PVC Watermain	371	LF	\$	34.00	\$	12,614.00
12	6" PVC Watermain	466_	LF	\$	44.00	\$	20,504.00
13	8" PVC Watermain	1,277	LF	\$	54.00	\$	68,958.00
14	8" D.I.P. Watermain	150	LF	\$	75.00	\$	11,250.00
15	8" x 6" Reducer		EA	\$	365.00	\$	365.00
16	6" X 4" Reducer	1	EA	\$	365.00	\$	365.00
17	8" Gate Valve & Box	1	EA	\$	1,325.00	\$	1,325.00
18	Fire Hydrant Assembly	3	EA	\$	3,500.00	\$	10,500.00
19	6" Gate Valve & Box	1	EA	\$	890.00	\$	890.00
20	8" 45° Bends	4	EA	\$	475.00	\$	1,900.00
21	6" 45° Bends	3	EA	\$	457.00	\$	1,371.00
22	2" Blowoff	1	EA	\$	850.00	\$	850.00
23	6" Cap	1	EA	\$	450.00	\$	450.00
24	8" Cap	1	EA	\$	550.00	\$	550.00
		Subtotal Water		_	_	\$	132,642.00
25	Stop Sign, R1-1, 30" x 30" w/Street Signs	1	EA	\$	370.00	\$	370.00
26	24" Wide White Stop Bar	2	EA	\$	94.00	\$	188.00
		Subtotal Signage and Striping				\$	558.00
		Total Improvements Phase 11	1 - 13			\$	342,963.20
		Required Maintenance	Bond		25%	\$	85,740.80

This instrument prepared by and after recording return to:

Newman, P. Richard, Esq. McLin & Burnsed, P.A. Post Box Office Post 491357 34749-Florida Leesburg 34749-1357

#### -----SPACE ABOVE THIS LINE FOR RECORDING DATA-----

### AMENDMENT AND SUPPLEMENT TO DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS OF THE GLEN

THIS AMENDMENT AND SUPPLEMENT TO DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS OF THE GLEN (this "Amendment and Supplement") is made as of this \_\_\_\_\_ day of \_\_\_\_\_, 2019, ("Effective Date") by A.A. MOUKHTARA COMPANY, a Florida corporation ("Declarant").

#### **RECITALS:**

WHEREAS, Declarant is the Declarant under that certain Declaration of Covenants, Conditions and Restriction for The Glen, recorded in Official Records Book 2760, Page 2292, Public Records of Lake County, Florida, as subsequently amended (as amended, collectively, the "Declaration") (unless otherwise defined, capitalized terms used above or herein shall have the meanings ascribed to them in the Declaration); and

WHEREAS, Article II of the Declaration provides that Declarant may bring additional properties within the operation of the Declaration to become part of the Property, except as provided for in Article XII, without the consent of the Association, the Owners, any mortgagee or other lien holder or anyone else, by the recording a Supplemental Declaration in the Public Records of Lake County, Florida; and

WHEREAS, Declarant is the fee simple owner of that certain real property described on <u>Exhibit "A"</u> attached hereto and incorporated herein (the "<u>Subject Property</u>"), being the same property as depicted as the Plat of The Glen Phases 11, 12 and 13 recorded in Plat Book \_\_\_\_\_, Page \_\_\_\_\_ through \_\_\_\_\_, Public Records of Lake County, Florida; and

**NOW, THEREFORE**, Declarant, for itself and its successors in interest and assigns, by the execution and recording of this Amendment and Supplement in the Public Records of Lake County, Florida, does hereby declare that the Declaration is hereby amended as follows:

1. <u>Recitals.</u> The recital set forth above are incorporated herein by this reference as if the same were fully set forth herein.

2. <u>Additional Property.</u> Effective as of the date on which this Amendment and Supplement is recorded in the Public Records of Lake County, Florida (the "<u>Supplement Effective Date</u>"), the Declaration is hereby supplemented to extend the effect and encumbrance of the Declaration to the Subject Property as additional property. Commencing as of the Supplement Effective Date, the Subject Property, as additional property, shall be held, transferred, sold, conveyed, improved, and occupied subject to the covenants, conditions, restrictions, easements, and liens set forth in the Declaration and in this Amendment and Supplement. The annexation of the Subject Property as additional property is made pursuant to Article II, Section 3 of the Declaration, and also extends the jurisdiction of the Association to the Subject Property.

3. <u>Association Assessments and Fees.</u> Notwithstanding anything in the Declaration to the contrary, Maronda Homes, Inc. of Florida ("Maronda") and any other entity or individual engaged in the purchase of Lots within the Subject Property for the construction and sale of residences thereon (as to each, a "<u>Phase 11, 12 and 13 Homebuilder</u>," shall be exempt from the payment of any and all annual, special, start-up, capital, initial and other assessments and contributions during the time they own any Lots within the Subject Property. Neither Maronda nor any of its homebuyers within the Subject Property shall be responsible for paying to the Association, its property management company, or any other party or entity, any estoppel fee whatsoever in connection with the purchase or sale by Maronda of any Lot or home within the Subject Property. Maronda shall be exempt from the payment of any fee whatsoever in connection with the ARB as described in Article VII of the Declaration.

4. <u>Effect of this Amendment and Supplement</u>. Except as modified by this Amendment and Supplement, the Declaration remains unmodified, and in full force and effect. In the event of any inconsistency or conflict between the terms of this Amendment and Supplement and the terms of the Declaration, the terms of this Amendment and Supplement shall control only as necessary to resolve any such inconsistency or conflict.

### [BALANCE OF PAGE INTENTIONALLY LEFT BLANK]

**IN WITNESS WHEREOF**, Declarant has executed this Amendment and Supplement as of the date first written above.

DECLARANT:

Signed, sealed and delivered in the presence of:

**A.A. MOUKHTARA COMPANY**, a Florida corporation

Print Name:

By:\_\_\_\_\_
Print Name: \_\_\_\_\_
Title: \_\_\_\_\_

Print Name:

Dated:\_\_\_\_\_

STATE OF FLORIDA COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2019, by \_\_\_\_\_\_ as \_\_\_\_\_ of A.A. MOUKHTARA COMPANY, a Florida corporation, on behalf of the Corporation, who (check appropriate Box) [ \_\_\_\_] is personally known to me or [\_\_\_\_] produced \_\_\_\_\_ as identification.

NOTARY PUBLIC. STATE OF FLORIDA



Via email: (tkelley@fruitlandpark.org)

Ref: 4730.01

## **TECHNICAL MEMORANDUM**

To: Tracy Kelley, Fruitland Park Community Development Director

From: Matthew West AICP

Date: November 2, 2018

**Subject:** The Glen Phases 11 - 13 – Trip Generation and Traffic Impact Analysis (TIA) Exemption Fruitland Park, FL

#### INTRODUCTION

LTG, Inc. has been retained by A.A. Moukhtara Company to prepare a Trip Generation Analysis and a Request for Exemption from a Tier 1 TIA for the 49-lot single family development (the PROJECT) located in the west half of The Glen PUD in Fruitland Park, Florida. A preliminary subdivision plan is attached as Exhibit A. The PROJECT will consist of 49 single family lots. Currently, the property is vacant.

#### PROJECT TRIP GENERATION

The project-generated daily, a.m., and p.m. peak-hour trips, presented in Table 1, were determined using the Institute of Transportation Engineers' <u>Trip Generation Manual</u>, 10th Edition. The 49 single family detached homes' trip generation is calculated using the Single Family Detached Housing (land use code 210). As shown in Table 1, the PROJECT is expected to produce 539 daily trips, 40 a.m. peak-hour trips, and 51 p.m. peak-hour trips. Internal capture and pass-by capture trips are not calculated for this single use residential development.

#### Table 1 Trip Generation The Glen, Phases 11-13

Time Period	Land Use	Land Use Code	Trip Rate Equation	Size	Units	Percent Entering	Percent Exiting	Trips Entering	Trips Exiting	Total Trips
Daily	Single Family Detached Housing	210	Ln(T) = 0.92 Ln(X) + 2.71	49	Units	50%	50%	270	270	539
AM Peak Hour	Single Family Detached Housing	210	T= 0.71(X) + 4.80	49	Units	25%	75%	10	30	40
PM Peak Hour	Single Family Detached Housing	210	Ln(T) = 0.96 Ln(X) + 0.20	49	Units	63%	37%	32	19	51

It should be noted that Section 153.040,a),1) of the Fruitland Park Code requires a traffic analysis when a development is anticipated to generate 250 or more peak-hour trips. Table 1 above demonstrates that the proposed development's trip generation would be substantially less than 250 peak-hour trips (roughly 20 percent of the threshold).

Also, the Lake Sumter Metropolitan Planning Organization's TIS Methodology Guidelines (Section 3.1) defines "de minimis" development as any development for which the net average weekday peak-hour two-way volume is less than 100 trip ends. Table 1 demonstrates that the proposed development is roughly half the de minimis threshold. The local roadway network has adequate capacity to accommodate the additional trips without exceeding the adopted levels of service. Therefore, an exemption from providing a Tier 1 TIS is requested.



Tracy Kelley November 2, 2018 Page 3

I affirm, by affixing my signature and seal below, that the findings contained herein are, to my knowledge, accurate and truthful and were developed using current procedures standard to the practice of professional planning.

Name:	Matthew West
Signature:	Math

Date:

November 2, 2018

Attachments:

Exhibit A - Conceptual Subdivision Plan



Tracy Kelley November 2, 2018 Page 4

EXHIBIT A







Ann B. Shortelle, Ph.D., Executive Director

4049 Reid Street • P.O. Box 1429 • Palatka, FL 32178-1429 • 386-329-4500 On the internet at www.sjrwmd.com.

July 24, 2017

Sayed Moukhtara A A Moukhtara, Inc. 7717 NW 20th Ln Gainesville, FL 32605-3163

SUBJECT: 26496-3 The Glen, Phases 10, 11, 12, & 13

Dear Sir/Madam:

Enclosed is your individual permit issued by the St. Johns River Water Management District on July 24, 2017. This permit is a legal document and should be kept with your other important documents. Permit issuance does not relieve you from the responsibility of obtaining any necessary permits from any federal, state, or local agencies for your project.

#### Technical Staff Report:

If you wish to review a copy of the Technical Staff Report (TSR) that provides the District's staff analysis of your permit application, you may view the TSR by going to the Permitting section of the District's website at www.sjrwmd.com/permitting. Using the "search applications and permits" feature, you can use your permit number or project name to find information about the permit. When you see the results of your search, click on the permit number and then on the TSR folder.

#### **Noticing Your Permit:**

For noticing instructions, please refer to the noticing materials in this package regarding closing the point of entry for someone to challenge the issuance of your permit. Please note that if a timely petition for administrative hearing is filed, your permit will become non-final and any activities that you choose to undertake pursuant to your permit will be at your own risk.

#### **Compliance with Permit Conditions:**

To submit your required permit compliance information, go to the District's website at www.sjrwmd.com/permitting. Under the "Apply for a permit or submit compliance data" section, click to sign-in to your existing account or to create a new account. Select the "Compliance Submittal" tab, enter your permit number, and select "No Specific Date" for the Compliance Due Date Range. You will then be able to view all the compliance submittal requirements for your project. Select the compliance item that you are ready to submit and then attach the appropriate information or form. The forms to comply with your permit conditions are available at www.sjrwmd.com/permitting under the section "Handbooks, forms, fees, final orders". Click on forms to view all permit compliance forms, then scroll to the ERP application forms section and select the applicable compliance forms. Alternatively, if you have difficulty finding forms or need

GOVERNING BOARD

John A. Miklos, Chairman Orlando

Douglas C. Bournique VERO BEACH

Fred N. Roberts Jr., VICE CHAIRMAN OCALA Douglas Burnett ST. AUGUSTINE Chuck Drake, SECRETARY ORLANDO Susan Dolan SANFORD

Ron Howse, TREASURER COCOA

Janet Price FERNANDINA BEACH copies of the appropriate forms, please contact the Bureau of Regulatory Support at (386) 329-4570.

#### Transferring Your Permit:

Your permit requires you to notify the District within 30 days of any change in ownership or control of the project or activity covered by the permit, or within 30 days of any change in ownership or control of the real property on which the permitted project or activity is located or occurs. You will need to provide the District with the information specified in rule 62-330.340, Florida Administrative Code (F.A.C.). Generally, this will require you to complete and submit Form 62-330.340(1), "Request to Transfer Permit," available at http://www.sjrwmd.com/permitting/permitforms.html.

Please note that a permittee is liable for compliance with the permit before the permit is transferred. The District, therefore, recommends that you request a permit transfer in advance in accordance with the applicable rules. You are encouraged to contact District staff for assistance with this process.

Thank you and please let us know if you have additional questions. For general questions contact e-permit@sjrwmd.com or (386) 329-4570.

Sincerely,

M. Danus

Margaret Daniels, Office Director Office of Business and Administrative Services St. Johns River Water Management District 4049 Reid Street Palatka, FL 32177-2529 (386) 329-4570

Enclosures: Permit

cc: District Permit File

David W. Springstead Springstead Engineering, Inc. 727 S 14th St Leesburg, FL 34748-5618

David W. Springstead Springstead Engineering, Inc. 727 S 14th St Leesburg, FL 34748-5618
#### ST. JOHNS RIVER WATER MANAGEMENT DISTRICT Post Office Box 1429 Palatka, Florida 32178-1429

#### **PERMIT NO: 26496-3**

DATE ISSUED: July 24, 2017

PROJECT NAME: The Glen, Phases 10, 11, 12, & 13

#### A PERMIT AUTHORIZING:

Construction of a Stormwater Management System for The Glen, Phases 10, 11, 12, & 13, a 38.38 - acre project to be constructed and operated as per plans received by the District on August 21, 2003 and as amended by Sheets 2 of 7 and 4 of 7 received by the District on October 21, 2003.

#### LOCATION:

Section(s):	8	Township(s):	19S	Range(s):	24E
Lake County					

#### **Receiving Water Body:**

Name	Class
Myrtle Lake	III Fresh

#### **ISSUED TO:**

A A Moukhtara, Inc. 7717 NW 20th Ln Gainesville, FL 32605-3163

The permittee agrees to hold and save the St. Johns River Water Management District and its successors harmless from any and all damages, claims, or liabilities which may arise from permit issuance. Said application, including all plans and specifications attached thereto, is by reference made a part hereof.

This permit does not convey to the permittee any property rights nor any rights or privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

This permit may be revoked, modified or transferred at any time pursuant to the appropriate provisions of Chapter 373, Florida Statutes.

#### PERMIT IS CONDITIONED UPON:

See conditions on attached "Exhibit A", dated July 24, 2017

AUTHORIZED BY: St. Johns River Water Management District Division of Regulatory Services

Man V Canal

Marc vonCanal Regulatory Coordinator

#### "EXHIBIT A" CONDITIONS FOR ISSUANCE OF PERMIT NUMBER 26496-3 The Glen, Phases 10, 11, 12, & 13 DATED July 24, 2017

- 1. All activities shall be implemented following the plans, specifications and performance criteria approved by this permit. Any deviations must be authorized in a permit modification in accordance with Rule 62-330.315, F.A.C. Any deviations that are not so authorized may subject the permittee to enforcement action and revocation of the permit under Chapter 373, F.S.
- 2. A complete copy of this permit shall be kept at the work site of the permitted activity during the construction phase, and shall be available for review at the work site upon request by the District staff. The permittee shall require the contractor to review the complete permit prior to beginning construction.
- 3. Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be installed immediately prior to, and be maintained during and after construction as needed, to prevent adverse impacts to the water resources and adjacent lands. Such practices shall be in accordance with the State of Florida Erosion and Sediment Control Designer and Reviewer Manual (Florida Department of Environmental Protection and Florida Department of Transportation June 2007), and the Florida Stormwater Erosion and Sedimentation Control Inspector's Manual (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008), which are both incorporated by reference in subparagraph 62-330.050(9)(b)5, F.A.C., unless a project-specific erosion and sediment control plan is approved or other water quality control measures are required as part of the permit.
- 4. At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the District a fully executed Form 62-330.350(1), "Construction Commencement Notice,"[10-1-13], incorporated by reference herein (http://www.flrules.org/Gateway/reference.asp?No=Ref-02505), indicating the expected start and completion dates. A copy of this form may be obtained from the District, as described in subsection 62-330.010(5), F.A.C. If available, an District website that fulfills this notification requirement may be used in lieu of the form.
- 5. Unless the permit is transferred under Rule 62-330.340, F.A.C., or transferred to an operating entity under Rule 62-330.310, F.A.C., the permittee is liable to comply with the plans, terms and conditions of the permit for the life of the project or activity.
- 6. Within 30 days after completing construction of the entire project, or any independent portion of the project, the permittee shall provide the following to the Agency, as applicable:

a. For an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex — "Construction Completion and Inspection Certification for Activities Associated With a Private Single-Family Dwelling Unit" [Form 62-330.310(3)]; or

b. For all other activities — "As-Built Certification and Request for Conversion to Operational Phase" [Form 62-330.310(1)].

c. If available, an Agency website that fulfills this certification requirement may be used in lieu of the form. 7. If the final operation and maintenance entity is a third party:

a. Prior to sales of any lot or unit served by the activity and within one year of permit issuance, or within 30 days of as-built certification, whichever comes first, the permittee shall submit, as applicable, a copy of the operation and maintenance documents (see sections 12.3 thru 12.3.3 of Volume I) as filed with the Department of State, Division of Corporations and a copy of any easement, plat, or deed restriction needed to operate or maintain the project, as recorded with the Clerk of the Court in the County in which the activity is located.

b. Within 30 days of submittal of the as- built certification, the permittee shall submit "Request for Transfer of Environmental Resource Permit to the Perpetual Operation Entity" [Form 62-330.310(2)] to transfer the permit to the operation and maintenance entity, along with the documentation requested in the form. If available, an Agency website that fulfills this transfer requirement may be used in lieu of the form.

- 8. The permittee shall notify the District in writing of changes required by any other regulatory District that require changes to the permitted activity, and any required modification of this permit must be obtained prior to implementing the changes.
- 9. This permit does not:

a. Convey to the permittee any property rights or privileges, or any other rights or privileges other than those specified herein or in Chapter 62-330, F.A.C.;

b. Convey to the permittee or create in the permittee any interest in real property;

c. Relieve the permittee from the need to obtain and comply with any other required federal, state, and local authorization, law, rule, or ordinance; or

d. Authorize any entrance upon or work on property that is not owned, held in easement, or controlled by the permittee.

- 10. Prior to conducting any activities on state-owned submerged lands or other lands of the state, title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund, the permittee must receive all necessary approvals and authorizations under Chapters 253 and 258, F.S. Written authorization that requires formal execution by the Board of Trustees of the Internal Improvement Trust Fund shall not be considered received until it has been fully executed.
- 11. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities that may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any project authorized by the permit.
- 12. The permittee shall notify the District in writing:

a. Immediately if any previously submitted information is discovered to be inaccurate; and

b. Within 30 days of any conveyance or division of ownership or control of the property or the system, other than conveyance via a long-term lease, and the new owner shall request transfer of the permit in accordance with Rule 62-330.340, F.A.C. This does not apply to the sale of lots or units in residential or commercial subdivisions or condominiums where the stormwater management system has been completed and converted to the operation phase.

- 13. Upon reasonable notice to the permittee, District staff with proper identification shall have permission to enter, inspect, sample and test the project or activities to ensure conformity with the plans and specifications authorized in the permit.
- 14. If any prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, work involving subsurface disturbance in the immediate vicinity of such discoveries shall cease. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section, at (850) 245-6333 or (800) 847-7278, as well as the appropriate permitting agency office. Such subsurface work shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and notification shall be provided in accordance with Section 872.05, F.S.
- 15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under Rule 62-330.201, F.A.C., provides otherwise.
- 16. The permittee shall provide routine maintenance of all components of the stormwater management system to remove trapped sediments and debris. Removed materials shall be disposed of in a landfill or other uplands in a manner that does not require a permit under Chapter 62-330, F.A.C., or cause violations of state water quality standards.
- 17. This permit is issued based on the applicant's submitted information that reasonably demonstrates that adverse water resource-related impacts will not be caused by the completed permit activity. If any adverse impacts result, the District will require the permittee to eliminate the cause, obtain any necessary permit modification, and take any necessary corrective actions to resolve the adverse impacts.
- 18. A Recorded Notice of Environmental Resource Permit may be recorded in the county public records in accordance with Rule 62-330.090(7), F.A.C. Such notice is not an encumbrance upon the property.
- 19. This permit for construction will expire five years from the date of issuance.
- 20. At a minimum, all retention and detention storage areas must be excavated to rough grade prior to building construction or placement of impervious surface within the area to be served by those facilities. To prevent reduction in storage volume and percolation rates, all accumulated sediment must be removed from the storage area prior to final grading and stabilization.
- 21. All wetland areas or water bodies that are outside the specific limits of construction authorized by this permit must be protected from erosion, siltation, scouring or excess turbidity, and dewatering.
- 22. The operation and maintenance entity shall inspect the stormwater or surface water management system once within two years after the completion of construction and every two years thereafter to determine if the system is functioning as designed and permitted. The operation and maintenance entity must maintain a record of each required inspection, including the date of the inspection, the name and contact information of the inspector, and whether the system was functioning as designed and permitted, and make such record available for inspection upon request by the District during normal business hours. If at any

time the system is not functioning as designed and permitted, then within 30 days the entity shall submit a report electronically or in writing to the District using Form 62-330.311(1), "Operation and Maintenance Inspection Certification," describing the remedial actions taken to resolve the failure or deviation.

23. Deed of Conservation Easement

This permit requires the recording of a conservation easement. Within 30 days of recording, the permittee shall provide the District with: (a) the original recorded easement (including exhibits) showing the date it was recorded and the official records book and page number, (b) a copy of the recorded plat (if applicable), (c) a surveyor's sketch of the easement area plotted on the appropriate USGS topographic map, and (d) the original recorded consent and joinder(s) of mortgagee (if applicable). Before recording them, the permittee shall ensure that these documents are acceptable to the District as described below.

### Description of Conservation Easement Area.

The permittee shall provide to the District for review and written approval a copy of: (a) the preliminary plat showing the area to be encumbered by the conservation easement, or (b) a surveyor's sketch and legal description of the area to be placed under the conservation easement, per the approved mitigation plan, at least 45 days before (1) dredging, filling, or clearing any wetland or surface water for which mitigation is required; (2) clearing any upland within a Riparian Habitat Protection Zone for which mitigation is required; (3) the sale of any lot or parcel; (4) the recording of the subdivision plat; or (5) use of the infrastructure for its intended use, whichever occurs first.

If the impacts to an upland within a Riparian Habitat Protection Zone or to a wetland or surface water for which mitigation is required will occur in discrete phases, the areas to be preserved to offset such impacts may be placed under conservation easement in phases such that impacts are offset during each phase. Such phasing of preservation shall only occur if it has been proposed in the mitigation plan and approved by the permit, or if it is approved in writing by the District. A surveyor's sketch and legal description of the area to be placed under conservation easement during each phase must be submitted in accordance with the previous paragraph.

### Recording of Conservation Easement.

Before (1) dredging, filling, or clearing any wetland or surface water for which mitigation is required, (2) clearing any upland within a Riparian Habitat Protection Zone for which mitigation is required, (3) the sale of any lot or parcel, (4) the recording of the subdivision plat, or (5) use of the infrastructure for its intended use, whichever occurs first, the permittee shall record a conservation easement. The conservation easement shall include restrictions on the real property pursuant to section 704.06, Florida Statutes, and be consistent with section 10.3.8, ERP Applicant's Handbook, Volume I(October 1, 2013) and Fla. Admin.Code R. 62-330.301(6).

The conservation easement shall be in the form approved in writing by the District and, if no plat has been submitted, the easement shall include the approved legal description and surveyor's sketch. If the District does not provide written comments on the preliminary plat or surveyor's sketch and legal description within 45 days of receipt, then the permittee may record the conservation easement with the legal description and surveyor's sketch or plat reference previously submitted. If the District provides written disapproval of the preliminary plat or surveyor's sketch and legal description, the permittee shall, within ten (10) days of receipt of the disapproval, correct all errors with the conservation easement, including the preliminary plat or legal description and surveyor's sketch, and record the conservation easement. Pursuant to section 704.06, Florida Statutes, the conservation easement shall prohibit all construction, including clearing, dredging, or filling, except that which is specifically authorized by this permit, within the mitigation areas delineated on the final plans and/or mitigation proposal approved by the District.

The easement may not be amended without written District approval.

#### Additional Documents Required.

The permittee shall ensure that the conservation easement identifies, and is executed by, the correct grantor, who must hold sufficient record title to the land encumbered by the easement. If the easement's grantor is a partnership, the partnership shall provide to the District a partnership affidavit stating that the person executing the conservation easement has the legal authority to convey an interest in the partnership land. If there exist any mortgages on the land, the permittee shall also have each mortgagee execute a consent and joinder of mortgagee subordinating the mortgage to the conservation easement. The consent and joinder of the mortgagee shall be recorded simultaneously with the conservation easement in the public records of the county where the land is located. Within 30 days of recording, the permittee shall provide the District with: (a) the original recorded easement (including exhibits) showing the date it was recorded and the official records book and page number, (b) a copy of the recorded plat (if applicable), (c) a surveyor's sketch of the easement area plotted on the appropriate USGS topographic map, and (d) the original recorded consent and joinder(s) of mortgagee (if applicable).

Demarcation of Conservation Easement Area. Prior to lot or parcel sales, all changes in direction of the easement area boundaries must be permanently monumented above ground on the project site.

- 24. The stormwater management system shall be constructed and operated in accordance with the plans received by the District on August 21, 2003 and as amended by Sheets 2 of 7 and 4 of 7 received by the District on October 21, 2003.
- 25. This permit does not authorize any impacts to wetlands or other surface waters.
- 26. Prior to the use of the infrastructure or sale of any lot or parcel, the permittee must install permanent information signs (number of signs to be approved by the District) advising residents of the conservation areas along all conservation tract boundaries with lots or roads. These signs must indicate that this is a conservation area and that no clearing or dumping is allowed.

### **Notice Of Rights**

- A person whose substantial interests are or may be affected has the right to request an administrative hearing by filing a written petition with the St. Johns River Water Management District (District). Pursuant to Chapter 28-106 and Rule 40C-1.1007, Florida Administrative Code, the petition must be filed (received) either by delivery at the office of the District Clerk at District Headquarters, P. O. Box 1429, Palatka Florida 32178-1429 (4049 Reid St., Palatka, FL 32177) or by e-mail with the District Clerk at <u>Clerk@sjrwmd.com</u>, within twenty-six (26) days of the District depositing the notice of District decision in the mail (for those persons to whom the District decision (for those persons to whom the District decision (for those persons to whom the District decision (for those persons to whom the District does not mail or email actual notice). A petition must comply with Sections 120.54(5)(b)4. and 120.569(2)(c), Florida Statutes, and Chapter 28-106, Florida Administrative Code. The District will not accept a petition sent by facsimile (fax), as explained in paragraph no. 4 below.
- 2. Please be advised that if you wish to dispute this District decision, mediation may be available and that choosing mediation does not affect your right to an administrative hearing. If you wish to request mediation, you must do so in a timely-filed petition. If all parties, including the District, agree to the details of the mediation procedure, in writing, within 10 days after the time period stated in the announcement for election of an administrative remedy under Sections 120.569 and 120.57, Florida Statutes, the time limitations imposed by Sections 120.569 and 120.57, Florida Statutes, shall be tolled to allow mediation of the disputed District decision. The mediation must be concluded within 60 days of the date of the parties' written agreement, or such other timeframe agreed to by the parties in writing. Any mediation agreement must include provisions for selecting a mediator, a statement that each party shall be responsible for paying its pro-rata share of the costs and fees associated with mediation, and the mediating parties' understanding regarding the confidentiality of discussions and documents introduced during mediation. If mediation results in settlement of the administrative dispute, the District will enter a final order consistent with the settlement agreement. If mediation terminates without settlement of the dispute, the District will notify all the parties in writing that the administrative hearing process under Sections 120.569 and 120.57, Florida Statutes, is resumed. Even if a party chooses not to engage in formal mediation, or if formal mediation does not result in a settlement agreement, the District will remain willing to engage in informal settlement discussions.
- 3. A person whose substantial interests are or may be affected has the right to an informal administrative hearing pursuant to Sections 120.569 and 120.57(2), Florida Statutes, where no material facts are in dispute. A petition for an informal hearing must also comply with the requirements set forth in Rule 28-106.301, Florida Administrative Code.

### Notice Of Rights

- 4. A petition for an administrative hearing is deemed filed upon receipt of the complete petition by the District Clerk at the District Headquarters in Palatka, Florida during the District's regular business hours. The District's regular business hours are 8:00 a.m. 5:00 p.m., excluding weekends and District holidays. Petitions received by the District Clerk after the District's regular business hours shall be deemed filed as of 8:00 a.m. on the District's next regular business day. The District's acceptance of petitions filed by email is subject to certain conditions set forth in the District's Statement of Agency Organization and Operation (issued pursuant to Rule 28-101.001, Florida Administrative Code), which is available for viewing at <u>sirwmd.com</u>. These conditions include, but are not limited to, the petition being in the form of a PDF or TIFF file and being capable of being stored and printed by the District. Further, pursuant to the District's Statement of Agency Organization and Operation, attempting to file a petition by facsimile is prohibited and shall not constitute filing.
- 5. Failure to file a petition for an administrative hearing within the requisite timeframe shall constitute a waiver of the right to an administrative hearing. (Rule 28-106.111, Florida Administrative Code).
- 6. The right to an administrative hearing and the relevant procedures to be followed are governed by Chapter 120, Florida Statutes, Chapter 28-106, Florida Administrative Code, and Rule 40C-1.1007, Florida Administrative Code. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means the District's final action may be different from the position taken by it in this notice. A person whose substantial interests are or may be affected by the District's final action has the right to become a party to the proceeding, in accordance with the requirements set forth above.
- 7. Pursuant to Section 120.68, Florida Statutes, a party to the proceeding before the District who is adversely affected by final District action may seek review of the action in the District Court of Appeal by filing a notice of appeal pursuant to Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, within 30 days of the rendering of the final District action.
- 8. A District action is considered rendered, as referred to in paragraph no. 7 above, after it is signed on behalf of the District and filed by the District Clerk.
- 9. Failure to observe the relevant timeframes for filing a petition for judicial review as described in paragraph no. 7 above will result in waiver of that right to review.

NOR.Decision.DOC.001 Revised 12.7.11

### **Notice Of Rights**

#### **Certificate of Service**

I HEREBY CERTIFY that a copy of the foregoing Notice of Rights has been sent to the permittee:

Sayed Moukhtara A A Moukhtara, Inc. 7717 NW 20th Ln Gainesville, FL 32605-3163

This 24th day of July, 2017.

M. Danus

Margaret Daniels, Office Director Office of Business and Administrative Services St. Johns River Water Management District 4049 Reid Street Palatka, FL 32177-2529 (386) 329-4570

Permit Number: 26496-3

#### NOTICING INFORMATION

Dear Permittee:

Please be advised that the St. Johns River Water Management District will not publish a notice in the newspaper advising the public that it has issued a permit for this project.

Newspaper publication, using the District's notice form, notifies members of the public of their right to challenge the issuance of the permit. If proper notice is given by newspaper publication, then there is a 21-day time limit for someone to file a petition for an administrative hearing to challenge the issuance of the permit.

To close the point of entry for filing a petition, you may publish (at your own expense) a onetime notice of the District's decision in a newspaper of general circulation within the affected area as defined in Section 50.011 of the Florida Statutes. If you do not publish a newspaper notice to close the point of entry, the time to challenge the issuance of your permit will not expire and someone could file a petition even after your project is constructed.

A copy of the notice form and a partial list of newspapers of general circulation are attached for your convenience. However, you are not limited to those listed newspapers. If you choose to close the point of entry and the notice is published, the newspaper will return to you an affidavit of publication. In that event, it is important that you either submit a scanned copy of the affidavit by emailing it to *compliancesupport@sjrwmd.com* (preferred method) **or** send a copy of the original affidavit to:

Margaret Daniels, Office Director Office of Business and Administrative Services 4049 Reid Street Palatka, FL 32177

If you have any questions, please contact the Office of Business and Administrative Services at (386) 329-4570.

Sincerely,

M. Danus

Margaret Daniels, Office Director Office of Business and Administrative Services

#### NOTICE OF AGENCY ACTION TAKEN BY THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

Notice is given that the follow	ng permit was issued on	:
(Name and address of applica	ant)	
permit#	. The project is located	d inCounty, Section
, Township	South, Range	East. The permit authorizes a surface
water management system or	n acres for	
		known as
The	e receiving water body is	

A person whose substantial interests are or may be affected has the right to request an administrative hearing by filing a written petition with the St. Johns River Water Management District (District). Pursuant to Chapter 28-106 and Rule 40C-1.1007, Florida Administrative Code (F.A.C.), the petition must be filed (received) either by delivery at the office of the District Clerk at District Headquarters, P.O. Box 1429, Palatka FL 32178-1429 (4049 Reid St, Palatka, FL 32177) or by e-mail with the District Clerk at Clerk@sjrwmd.com, within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail or email actual notice). A petition must comply with Sections 120.54(5)(b)4. and 120.569(2)(c), Florida Statutes (F.S.), and Chapter 28-106, F.A.C. The District will not accept a petition sent by facsimile (fax). Mediation pursuant to Section 120.573, F.S., may be available and choosing mediation does not affect your right to an administrative hearing.

A petition for an administrative hearing is deemed filed upon receipt of the complete petition by the District Clerk at the District Headquarters in Palatka, Florida during the District's regular business hours. The District's regular business hours are 8 a.m. – 5 p.m., excluding weekends and District holidays. Petitions received by the District Clerk after the District's regular business hours shall be deemed filed as of 8 a.m. on the District's next regular business day. The District's acceptance of petitions filed by e-mail is subject to certain conditions set forth in the District's Statement of Agency Organization and Operation (issued pursuant to Rule 28-101.001, Florida Administrative Code), which is available for viewing at www.sjrwmd.com. These conditions include, but are not limited to, the petition being in the form of a PDF or TIFF file and being capable of being stored and printed by the District. Further, pursuant to the District's Statement of Agency Organization, attempting to file a petition by facsimile (fax) is prohibited and shall not constitute filing.

The right to an administrative hearing and the relevant procedures to be followed are governed by Chapter 120, Florida Statutes, Chapter 28-106, Florida Administrative Code, and Rule 40C-1.1007, Florida Administrative Code. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means the District's final action may be different from the position taken by it in this notice. **Failure to file a petition for an administrative hearing within the requisite time frame shall constitute a waiver of the right to an administrative hearing. (Rule 28-106.111, F.A.C.).** 

If you wish to do so, please visit http://www.sjrwmd.com/nor\_dec/ to read the complete Notice of Rights to determine any legal rights you may have concerning the District's decision(s) on the permit application(s) described above. You can also request the Notice of Rights by contacting the Director of Regulatory Support, 4049 Reid St., Palatka, FL 32177-2529, tele. no. (386)329-4570.

#### NEWSPAPER ADVERTISING

#### ALACHUA

The Alachua County Record, Legal Advertising P. O. Box 806 Gainesville, FL 32602 352-377-2444/ fax 352-338-1986

#### BRAFORD

Bradford County Telegraph, Legal Advertising P. O. Drawer A Starke, FL 32901 904-964-6305/ fax 904-964-8628

#### CLAY

Clay Today, Legal Advertising 1560 Kinsley Ave., Suite 1 Orange Park, FL 32073 904-264-3200/ fax 904-264-3285

#### FLAGLER

Flagler Tribune, c/o News Journal P. O. Box 2831 Daytona Beach, FL 32120-2831 386- 681-2322

#### LAKE

Daily Commercial, Legal Advertising P. O. Drawer 490007 Leesburg, FL 34749 352-365-8235/fax 352-365-1951

#### NASSAU

News-Leader, Legal Advertising P. O. Box 766 Fernandina Beach, FL 32035 904-261-3696/fax 904-261-3698

#### ORANGE

Sentinel Communications, Legal Advertising 633 N. Orange Avenue Orlando, FL 32801 407-420-5160/ fax 407-420-5011

#### PUTNAM

Palatka Daily News, Legal Advertising P. O. Box 777 Palatka, FL 32178 386-312-5200/ fax 386-312-5209

#### SEMINOLE

Seminole Herald, Legal Advertising 300 North French Avenue Sanford, FL 32771 407-323-9408

#### BAKER

Baker County Press, Legal Advertising P. O. Box 598 Maclenny, FL 32063 904-259-2400/ fax 904-259-6502

#### BREVARD

Florida Today, Legal Advertising P. O. Box 419000 Melbourne, FL 32941-9000 321-242-3832/ fax 321-242-6618

#### DUVAL

Daily Record, Legal Advertising P. O. Box 1769 Jacksonville, FL 32201 904-356-2466 / fax 904-353-2628

#### **INDIAN RIVER**

Vero Beach Press Journal, Legal Advertising P. O. Box 1268 Vero Beach, FL 32961-1268 772-221-4282/ fax 772-978-2340

#### MARION

Ocala Star Banner, Legal Advertising 2121 SW 19th Avenue Road Ocala, FL 34474 352-867-4010/fax 352-867-4126

#### OKEECHOBEE

Okeechobee News, Legal Advertising P. O. Box 639 Okeechobee, FL 34973-0639 863-763-3134/fax 863-763-5901

#### **OSCEOLA**

Little Sentinel, Legal Advertising 633 N. Orange Avenue Orlando, FL 32801 407-420-5160/ fax 407-420-5011

#### ST. JOHNS

St. Augustine Record, Legal Advertising P. O. Box 1630 St. Augustine, FL 32085 904-819-3436

#### VOLUSIA

News Journal Corporation, Legal Advertising P. O. Box 2831 Daytona Beach, FL 32120-2831 (386) 681-2322



## **NOTICE:**

This plat, as recorded in its graphic form, is the official depiction of the subdivided lands described herein and will in no circumstances be supplanted in authority by any other graphic or digital form of the plat. There may be additional restrictions that are not recorded on this plat that may be found in the public records of this county.

### NOTES:

1) Bearings are based on the recorded plat of THE GLEN PHASE'S 7 & 8, as recorded in Plat Book 59, Pages 25 and 26, Public Records of Lake County, Florida, and the centerline of Daybreak Drive as being N89°14'27"W.

2) Distances are shown in U.S. survey feet and decimals thereof. 3) Lot corners have been set in accordance with Chapter 177.091 (9), Florida Statues.

4) All platted utility easements shall provide that such easements shall also be easements for the construction, installation, maintenance and operation of cable television services; provided, however, no such construction, installation, maintenance, and operation of cable television services shall interfere with the facilities and services of an electric, telephone, gas, or other public utility. In the event a cable television company damages the facilities of a public utility, it shall be solely responsible for the damages. This section shall not apply to those private easements granted to or obtained by a particular electric, telephone, gas, or other public utility. Such construction, installation, maintenance, and operation shall comply with the National Electric Safety Code as adopted by the Florida Public Service Commission. 5) No construction, trees, or shrubs will be placed in easements or rights-of-way without the City of Fruitland Park approval. 6) It is the responsibility of the property owner to operate and maintain any storm water management system not located within the right of way of the road unless such responsibility is voluntarily assumed by the City of Fruitland Park.

7) Potable water to be provided by the City of Fruitland Park. 8) Covenants, restrictions, or reservations affecting the ownership or use of the property shown in this plat are filed in the Official Records Book(s) of Lake County Florida in:

Book No. 1763, Page 1174, being amended in Book No. 5009, Page 2020, and

Book No. 2460, Page 1195, being amended in Book No. 5009, Page 2020, and

Book No. 2351, Page 1253, and

Book No. 5097, Page 1135, and

Deed Book No. 191, Page 133.

## **SHEET INDEX**

SHEET 1 --- TITLE SHEET SHEET 2 --- PHASES 11-13 KEY MAP SHEET 3 --- LOTS 193-216 SHEET 4 --- LOTS 189-192 & LOTS 217-237 SHEET 5 --- TRACT "M" & WATER RETENTION ARE

# THE

That part of the East  $\frac{1}{2}$  of the corner of said East 1/2 of the S Southwest <sup>1</sup>/<sub>4</sub> of said Section Records of Lake County, Flo said north boundary, a distan said East  $\frac{1}{2}$  of the Southwest said East 1/2 of the Southwest thence N 01°02'58" E, and pa distance of 250.40 feet, to th Florida; thence along the wes 03°59'34" W, a distance of 5 W, a distance of 50.16 feet; t of 99.69 feet; thence N 52°56 thence N 08°37'13" W, a dist of said curve, through a centr corner of THE GLEN PHAS boundary of THE GLEN PH feet, to a Point of Reverse Cu of 635.00 feet; thence from a through a central angle of 06 GLEN PHASE 10; thence al 88°54'28" W, a distance of 43 a distance of 61.93 feet; then of this description; area descri

**DESCRIPTION FOR THE** 

					PLAT BOOK		
	N DUACTC	11	190,19		PAGE		
C GLL	N PHASES		, 1 Z X 1 J				
AF	PUD in the City of Fruitland	l Park					
	Being a Portion of:						
Section	8, Township 19 South, Ran	ge 24 E	East		DEDICATION FOR THE GLEN PHASES 11,12&13		
	Lake County, Florida			KNOW ALL M the owner in fee	IEN BY THESE PRESENTS, That the undersigned, being e simple of the lands described in the foregoing caption to		
FOR THE GLEN PHASES	11, 12 & 13:			thereby dedicate	ed, all streets and rights-of-way shown on this plat are d in perpetuity to the City of Fruitland Park for the use and		
ast ½ of the Southwest ¼ of Section 8, Township 19 South, Range 24 East, Lake County, Florida, described as follows; from the Northeast at ½ of the Southwest ¼ of Section 8, Township 19 South, Range 24 East, run N 89°22'17" W, along the north boundary of the East ½ of the and Section 8, a distance of 577.44 fact to northwest common of THE CLEN PLASE 10, or recorded in Plat Back 70, Page 20, Public					dedicated in perpetuity to the City of Fruitland Park for construction, installation, maintenance and operation of utilities by any utility provider,		
aid Section 8, a distance of 577.44 feet, to northwest corner of THE GLEN PHASE 10, as recorded in Plat Book 70, Page 29, Public County, Florida, and Point of Beginning of the following described parcel; from said Point of Beginning, continue N 89°22'17" W, along ry, a distance of 754.79 feet, to the Northwest corner of said East 1/2 of the Southwest 1/2; thence S 01°02'58" W, along the west boundary of					including cable television services, in compliance with such ordinances and regulations as may be adopted from time to time by the City Commission of Fruitland Park: all drainage easements as shown are dedicated in		
ry, a distance of 754.79 feet, to the Northwest corner of said East ½ of the Southwest ¼; thence S 01°02'58" W, along the west boundary of Southwest ¼, a distance of 2361.04 feet, to a point that is located N 01°02'58" E, a distance of 275.00 feet, from the Southwest corner of Southwest ¼; thence S 88°55'13" E, and parallel with the south boundary of said East ½ of the Southwest ¼, a distance of 292.50 feet;					perpetuity for construction and maintenance of drainage facilities and shall be perpetual maintenance obligation of The Glen Homeowners' Association Inc		
8" E, and parallel with the afor ) feet, to the Southwest corner	resaid west boundary of the East ½ of the Southwest ¼, a of THE GLEN PHASE'S 1,2 & 3, as recorded in Plat Bo	distance of 50 bok 53, Pages 6	0.00 feet; thence S 88°55'12" E, a 52-63, Public Records of Lake County,	IN WITNESS WHEREOF,			
ong the westerly boundary of stance of 51.94 feet; thence N	THE GLEN PHASE'S 1,2 & 3, the following courses; N [24°27'34" W, a distance of 73.72 feet; thence N 31°56'2	42°30'55" E, a 6" W, a distanc	distance of 58.41 feet; thence N ee of 125.13 feet; thence N 11°55'03"	A.A. Moukhtara, Inc. has caused these presents to be signed by its President and its corporate seal to be affixed hereto by and with the authority of its board of directors this day of , 20.			
the nce N $07^{\circ}31^{\circ}48^{\circ}$ nce N $52^{\circ}56'23''$ E, a distance $3''$ W a distance of 106 75 fee	of 106.90 feet; thence N 62°39'19" E, a distance of 93.81	feet; thence N radius of 430	78°24'57" E, a distance of 37.17 feet; 51 feet: thence Easterly, along the arc	Signed, Sealed a	and delivered in our presence as witnesses:		
bugh a central angle of 9°39'48 LEN PHASE'S 4, 5, 6 & 9, as	8", a distance of 72.61 feet (Chord Bearing N 84°52'49" E recorded in Plat Book 56, Pages 11-12, Public Records of	E, and Chord Le	ength 72.52 feet), to the Southwest , Florida; thence along the west	WITNESS.	CD ANTEE.		
GLEN PHASE'S 4,5,6 & 9, t Reverse Curve on the souther	he following courses; N 00°17'16" W, a distance of 154.4 ly boundary of the aforesaid THE GLEN PHASE 10, said	19 feet; thence l d curve being c	N 01°50'39" E, a distance of 50.03 oncave southerly and having a radius	withess.	A. A. Moukhtara, Inc.		
ence from a radial bearing of N angle of 06 <sup>0</sup> 16'53", a distance	N 00°07'12" W, run westerly, along the arc of said curve a of 69.62 feet (Chord Bearing S 86°44'22" W, and Chord	and southerly b Length 69.58	boundary of THE GLEN PHASE 10, feet), to the southwest corner of THE W a distance of 121 80 feet; thence N	Signature	a Florida Corporation		
); thence along the westerly boundary of THE GLEN PHASE 10, the following courses; N 06°24'05" W, a distance of 131.80 feet; thence N 03°55'27" E, a distance of 588.53 feet; thence S 88°54'28" E, a distance of 50.00 feet; thence N 37°15'30" E, a distance of 53.12 feet; thence N 01°05'32" E, a distance of 143.41 feet, to the Point of Beginning, and end			Print Name	by: Michel Moukhtara, President			
; area described contains 32.2	5 acres.			Signature			
				Print Name	/		
CONSENT AND JOINDER         THE GLEN PHASES 11,12&13         Maronda Homes, Inc. of Florida hereby joins in and consents to the dedication appearing on the face of the plat.				STATE OF FLORIDA COUNTY OF LAKE			
				The foregoing Dedication was acknowledged before me, an officer duly authorized to take acknowledgements in the State of Florida and County of Lake this day of 20 by Michel			
			Name:	Moukhtara, Pres Corporation.	sident, on behalf of A. A. Moukhtara, Inc., a Florida		
		Witness:	He [] is personally known to me, or [] has producedas identification				
			Witness:				
			(SEAL) or with two subscribing witnesses	Notary Public -	State of Florida		
		State of Florida County of Lake The foregoing Congent and Jainden was calmowledged hefere me this	Print Name:/ My commission expires				
		20, by, as					
		of Maronda Homes, Inc. of Florida. He/She is personally known to me or has produced the following identification:	CERTIFICATE OF SURVEYOR				
			Notary Public:(Seal)	KNOW ALL M a Florida licens certify that on	AEN BY THESE PRESENTS, That the undersigned, being sed and registered Surveyor and Mapper, does hereby , he completed the survey on the lands herein		
CERTIFICATE OF CLERK			CERTIFICATE OF APPROVAL BY	described; that that it is a corre	this plat was prepared under his direction and supervision; ect representation of the lands herein described and platted that Permanent Reference Monuments and Permanent		
THIS IS TO CERTIFY, That I have examined the foregoing plat and find that it complies in form with all the requirements of chapter 177, Florida Statutes, and was filed for record on 20, atFile No		THIS IS TO CERTIFY, that on 20, the foregoing plat was approved by the City Commission of Eruitland Park	Control Points 177, Florida Sta	have been set and this plat is in compliance with Chapter atutes.			
		Florida, and includes the acceptance of the dedications of the streets and easements.	Billy Earl Owe Professional St	ns Irveyor and Mapper			
	Clerk of the Circuit Court		Mayor	39 County Roa Lake Panasoffk	d 494 ( SEAL ) ( SEAL )		
Despaced by			Attest:	Dilly Forl Org			
Billy Earl Owens, PSM Professional Surveyor and Mapper	<b>RECORD PLAT REVIEW STATEMENT</b> "Pursuant to Section 177.081, Florida Statutes, I have reviewed this Plat	Approved as to Form and Legal Sufficiency	Florida Registr	ation No. 3522 Date			
Florida Registration No. 3522 Address: 39 CR 494	complies with the technical requirements of that chapter; pr however, that my review does not include field verification	ovided of any of the	Date:				
PH: 352-793-2854	coordinates, points or measurements shown on this Plat."		CERTIFICATE OF APPROVAL BY		TITLE SHEET		
AREA	Name:	SEAL	THE PLANNING AND ZONING BOARD		Sheet 1 of 5		
	Florida Registered Surveyor and Mapper, Registration No		Examined and Approved: Date				



PLAT BOOK

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# THE GLEN PHASES 11,12&13

A PUD in the City of Fruitland Park Being a Portion of: Section 8, Township 19 South, Range 24 East Lake County, Florida



PHASES 11-13 KEY MAP Sheet 2 of 5



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PAGE

# THE GLEN PHASES 11,12&13

A PUD in the City of Fruitland Park Being a Portion of: Section 8, Township 19 South, Range 24 East Lake County, Florida



## LEGEND

- Permanent Reference Monument-Four inch square concrete Permanent Reference Monument, with Disk marked PRM, LS 3522, set on the boundary of THE GLEN, PHASE 10
- = Permanent Control Point PK nail and disk marked PCP, LS 3522, set on road centerline at Points on Boundary, Points of Intersection, Points of Curvature and Points of Tangency, unless otherwise noted
- $\bigcirc$  = Five-eighths inch rebar with cap marked Owens, PSM 3522, set on all lot corners
- PC = Point of Curvature
- EC = End of Curve
- POC = Point on Curve PRC = Point of Reverse Curve
- (NR)= Not Radial Line
  - Lot lines along curves are Radial
  - unless noted (NR)
  - Lot Numbering (189-237) is a
  - continuation of previously recorded phases.
  - OR PG Refers to the Official Records Book and Page Number of document recorded in the Public Records of Lake County, Florida.

THE GLEN PHASE'S 4, 5, 6 & 9 Recorded in Plat Book 56, Pages 11-12 Public Records of Lake County, Florida



Prepared by: Billy Earl Owens, PSM Professional Surveyor and Mapper Address: 39 CR 494 Lake Panasoffkee, FL 33538 PH: 352-793-2854

# LOTS 193-216 Sheet 3 of 5



	PLAT BOOK PAGE
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E GLEN PHASE'S 4, 5, 6 & 9 corded in Plat Book 56, Pages 11-12 blic Records of Lake County, Florida	N
'49" E	
C GLEN PHASE'S 4, 5, 6 & 9 orded in Plat Book 56, Pages 11-12 ic Records of Lake County, Florida	60 120 180 SCALE 1" = 60'

# THE GLEN PHASES 11,12&13

A PUD in the City of Fruitland Park Being a Portion of: Section 8, Township 19 South, Range 24 East Lake County, Florida

Permanent Reference Monument-Four inch square concrete Permanent Reference Monument, with Disk marked PRM, LS 3522, set on the boundary of THE GLEN, PHASE 10

• = Permanent Control Point - PK nail and disk marked PCP, LS 3522, set on road centerline at Points on Boundary, Points of Intersection, Points of Curvature and Points of Tangency, unless otherwise noted

 $\bigcirc$  = Five-eighths inch rebar with cap marked Owens, PSM 3522, set on all lot corners

- Lot lines along curves are Radial - Lot Numbering (189-237) is a continuation of previously recorded

- OR - PG Refers to the Official Records Book and Page Number of document recorded in the Public Records of Lake County, Florida.

> Prepared by: Billy Earl Owens, PSM Professional Surveyor and Mapper Address: 39 CR 494 Lake Panasoffkee, FL 33538 PH: 352-793-2854

LOTS 189-192 & LOTS 217-237 Sheet 4 of 5



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TRACT "M" & WATER RETENTION AREA Sheet 5 of 5