



Interoffice Memorandum

Received: March 24, 2021 @ 10:30am


Publish: April 25

Deadline: April 20

March 22, 2021

To: Katie Smith, Manager
Comptroller Clerk's Office

Through: Cheryl Gillespie, Agenda Development Supervisor
Agenda Development

From: David D. Jones, P.E., CEP, Manager
Environmental Protection Division
(407) 836-1406 

**Staff Person: Elizabeth R. Johnson, CEP, Assistant Manager
Environmental Protection Division
(407) 836-1511**

Subject: Request for Public Hearing on May 11, 2021 at 2:00 p.m. for a Shoreline Alteration/Dredge and Fill Permit Application (SADF-20-06-013) for the dredging and recontouring of a Class I and Class III surface water (ditch) to alleviate flooding in the Pinar subdivision, located adjacent to the ditch and to the north, located at 8247 Lake Underhill Rd., Orlando, FL 32825, A portion of Parcel ID No. 25-22-30-0000-00-028, District 3

=====

Applicant: Lake Underhill 38 Acres, LLC
Type of Hearing: Shoreline Alteration/Dredge and Fill Permit Application
Hearing required by Florida Statute # or Code: Chapter 15, Article VI, Pumping and Dredging Control
Advertising requirements: Publish once in a newspaper of general circulation in Orange County at least (7) seven days prior to public hearing.
Advertising timeframes: At least (7) seven days prior to public hearing.
Abutters to be notified: The applicants and the property owners within 500 feet of the project area will be notified at least (7) seven days prior to public hearing by the Environmental Protection Division (EPD).
Estimated time required For public hearing: 2 minutes

March 22, 2021

Request for Public Hearing – Shoreline Alteration/Dredge and Fill Permit Application for Lake Underhill 38 Acres, LLC (SADF-20-06-013)

Page 2

Municipality or other
Public Agency to be
notified:

St Johns River Water Management District, Marc von Canal
mvoncana@sjrwmd.com

Hearing Controversial: No

District #: 3

Materials being submitted as backup for public hearing request:

1. Site Plan
2. Location Map

Special Instructions to Clerk:

1. Once the Board of County Commissioners makes a decision on the Shoreline Alteration/Dredge and Fill Permit Application, please submit the decision letter to Elizabeth Johnson with EPD. EPD will issue the decision to the applicant.

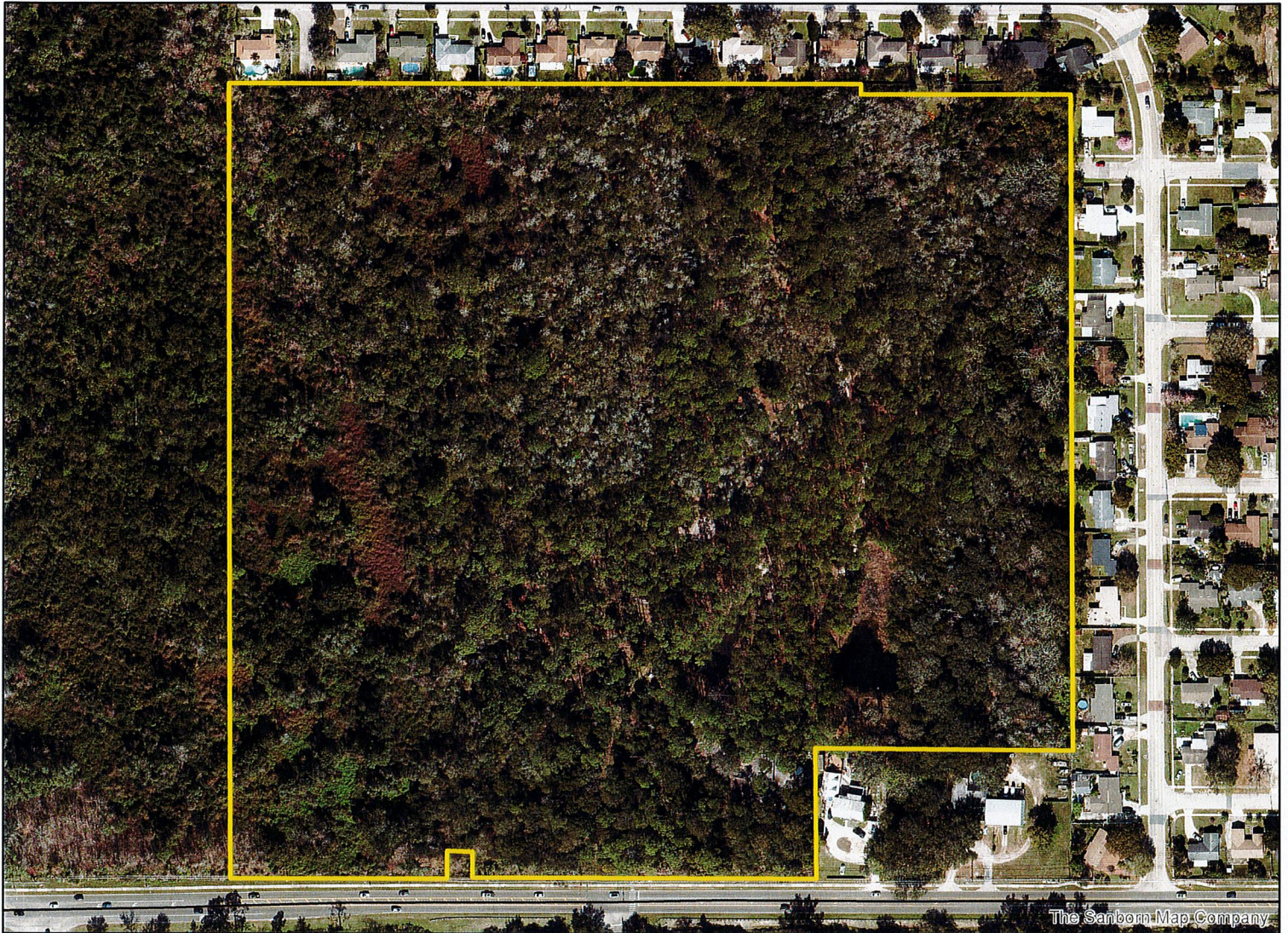
Advertising Language:

1. Lake Underhill 38 Acres, LLC is requesting a Shoreline Alteration/Dredge and Fill Permit (SADF-20-06-013) to dredge and recontour an existing Class I and Class III surface water (ditch) to alleviate flooding from the Pinar subdivision to the north, located at 8247 Lake Underhill Road, Orlando, pursuant to Chapter 15, Article VI, Pumping and Dredging Control. A portion of Parcel ID No. 25-22-30-0000-00-028, District 3 (property legal description on file at EPD).

EL/NT/TMH/ERJ/DJ/gfdjr:

Attachments

Shoreline Alteration/Dredge and Fill Permit Request

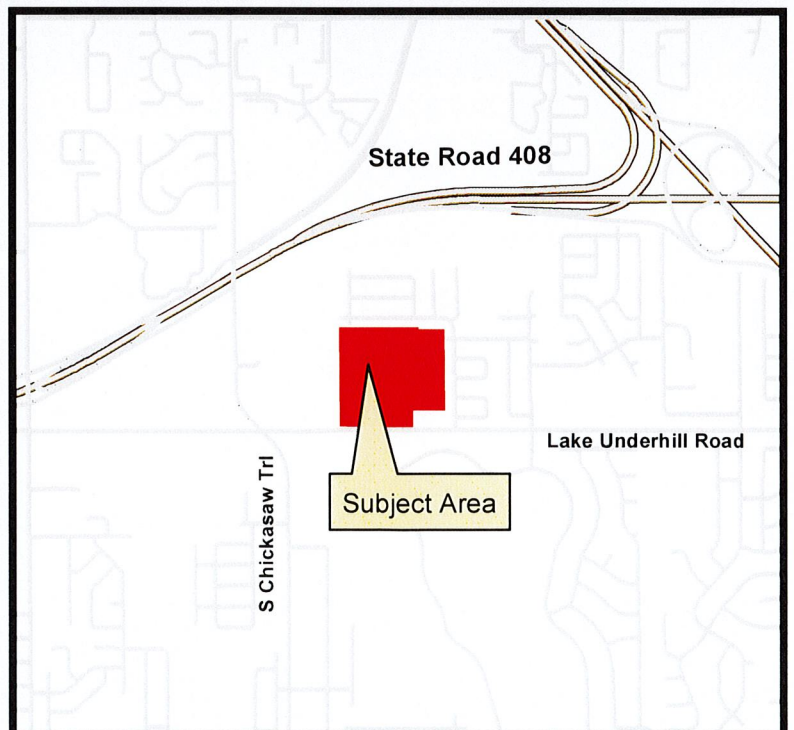


**Shoreline Alteration/
Dredge and Fill Permit Request
SADF-20-06-013
Chickasaw Creek Subdivision
Ditch Dredging
District 3**

**Applicants: Lake Underhill 38 Acres, LLC
Address: 8247 Lake Underhill Road
Parcel ID: 25-22-30-0000-00-028**

Project Site 

Property Location 



Chickasaw Creek North Ditch SADF Grading

Orange County, Florida Parcel I.D. # 25-22-30-0000-00-006; 028

for

received
2/18/21

NOTE:

1. A PERMIT IS REQUIRED FROM FWCC FOR REMOVAL OR RELOCATION OF GOPHER TORTOISES PRIOR TO START OF ANY SITE CONSTRUCTION.
2. THESE CONSTRUCTION PLANS WERE PREPARED IN ACCORDANCE WITH THE MANUAL OF UNIFORM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, FOOT GREEN BOOK AND THE ORANGE COUNTY ROADWAY SPECIFICATIONS.

Toll Brothers
America's Luxury Home Builder™



G L SUMMITT
ENGINEERING INC.

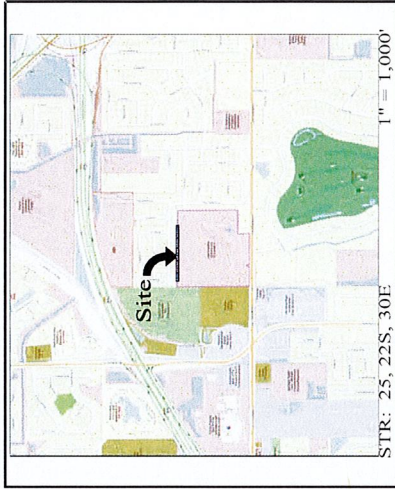
Project Team

Owner Toll Southeast LP Company, Inc. 2966 Commerce Park Drive Suite 100 Orlando, FL 32819 Ph: (407) 345-6000 Fx: (407) 345-6035	Surveyor Accountant Surveys of Orlando, Inc. 2012 E. Robinson St. Orlando, FL 32803 Ph: (407) 894-6314 Fx:	Civil Engineer G L Summit Engineering, Inc. 3667 Stoneman Place Lake Mary, FL 32746 Ph: (407) 323-0765 Fx: (407) 345-6035	Landscapist Architect N/A Ph: N/A Fx: N/A	Architect N/A Ph: N/A Fx: N/A
Developer Toll Southeast LP Company, Inc. 2966 Commerce Park Drive Orlando, FL 32819 Ph: (407) 345-6000 Fx: (407) 345-6035				

Utilities

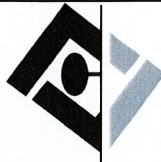
Drinking Water N/A Ph: N/A Fx: N/A	Sanitary Sewer N/A Ph: N/A Fx: N/A	Garbage Disposal N/A Ph: N/A Fx: N/A	Reclaim Water N/A Ph: N/A Fx: N/A
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Vicinity Map



Drawing Index

No.	Title	Revised
1	Coversheet	01-10-21
2	Symbols & Abbreviations	01-10-21
3	General Notes	01-10-21
4	Erosion Control Plan	01-10-21
5	Ditch Grading Plan & Profiles(s)	01-10-21
6	Ditch Cross Sections	01-10-21
8	General Details	01-10-21



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Chickasaw
Creek Subdivision
Orange County, Florida
SADF Ditch
Re-Grade Plans

Coversheet

Prints not valid unless signed
by the registered Professional Engineer
responsible for the design.
Professional Engineer
No. 12576
Date of Expiration 08/31/25
Florida State Board of Engineering
Professional Engineers
Certificate of Authorization #2965

Digitally signed
by Geoffrey L
Summitt
Date: 2021.02.17
16:14:25 -0500

SHEET NUMBER
1 OF 8

GENERAL NOTES:

- THE CONTRACTOR SHALL TAKE SPECIAL NOTICE THAT ALL SPECIFICATIONS AND DETAILS SHOWN HEREON ARE BELIEVED TO BE THE LATEST AND MOST ACCURATE AT THE TIME OF DESIGN AND SUBMITTAL; HOWEVER THE ENGINEER DOES NOT WARRANT ANY OF THE PROVIDED SPECIFICATIONS AND DETAILS. THESE SPECIFICATIONS AND DETAILS ARE SUBJECT TO REVISION BY THE ISSUING MUNICIPALITIES AND AGENCIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE LATEST EDITIONS OF ALL SPECIFICATIONS AND REFERENCES CONTAINED HEREIN, INCLUDING, BUT NOT LIMITED TO THE LATEST EDITIONS OF: THE LOCAL AGENCY'S SPECIFICATIONS, THE UTILITY PROVIDER'S SPECIFICATIONS, THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE OF STREETS AND HIGHWAYS" (GREEN BOOK), THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) "MANUAL OF PRACTICES AND PROCEDURES FOR DESIGN AND CONSTRUCTION OF ROADWAY TRAFFIC DESIGN STANDARDS" (RTDS), AND FDOT "STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION" (SSRBC).
- ALL FDOT DESIGN INDICES ARE HEREBY INCORPORATED AS PLAN REFERENCES HEREIN.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTING ALL WORKS IN CONFORMANCE WITH LOCAL AGENCIES' LATEST CODES, REGULATIONS & REQUIREMENTS, RTDS, AND SSRBC.
- IT IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL CONSTRUCTION INSPECTION, TESTING, AND MATERIALS CONFORM TO THE LATEST EDITIONS OF ALL SPECIFICATIONS AND REFERENCES CONTAINED HEREIN, INCLUDING, BUT NOT LIMITED TO THE LATEST EDITIONS OF: THE LOCAL AGENCY'S SPECIFICATIONS, THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP), FDOT, AND NUTCD.
- THE CONTRACTOR IS DIRECTED TO NOTIFY G L SUMMITT ENGINEERING, INC. OF ANY PROBLEMS REQUIRING DEVIATION FROM THESE PLANS AND SPECIFICATIONS.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL MEET WITH AND SUBMIT A CONSTRUCTION SCHEDULE TO THE ENGINEER AND SECURE ALL REQUIRED LICENSES AND PERMITS.
- WHEN DETAILS ARE PROVIDED, CONTRACTOR SHALL CONSTRUCT JOB PER SPECIFIC DETAILS, AND NOT BY SCALING FROM THESE PLANS.
- CONTRACTOR SHALL SUBMIT A "MAINTENANCE OF TRAFFIC" PLAN TO THE APPROPRIATE LOCAL AGENCY PRIOR TO CONSTRUCTION COMMENCEMENT.
- AS-BUILT DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE PROJECT ENGINEER UPON COMPLETION OF CONSTRUCTION.
- THE CONTRACTOR SHALL RESTORE OFF-SITE CONSTRUCTION AREAS TO EQUAL OR BETTER CONDITION THAN EXISTED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE POLICIES AND GUIDELINES ESTABLISHED BY THE LOCAL AGENCIES REGARDING THE PRESERVATION OF ALL PUBLIC AND PRIVATE PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PROPERTY OF ANY CHARACTER, DURING THE PROSECUTION OF THE WORK, RESULTING FROM ANY OMISSION, NEGLIGENCE, OR MISCONDUCT IN HIS MANNER OR METHOD OF EXECUTING THE WORK, OR AT ANYTIME DUE TO DEFECTIVE WORK OR MATERIALS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE BUFFERS, RETENTION AND DETENTION FACILITIES, EASEMENTS, ETC. UNTIL THE WORK HAS BEEN ACCEPTED BY THE OWNER. ALL DISRUPTED AREAS SHALL BE RETURNED TO EQUAL OR BETTER CONDITION THAN EXISTED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THOSE WHICH ARE DESIGNATED AND POND AREAS SHALL BE CLEARED OF ALL TREES EXCEPT THOSE WHICH ARE DESIGNATED TO BE SAVED OR RELOCATED. BEFORE CONSTRUCTION, THE CONTRACTOR SHALL MEET AT THE SITE WITH THE OWNER. AT THIS TIME, ANY TREES TO BE SAVED SHALL BE POINTED OUT AND TAGGED. THESE TREES SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION PERIOD. TREE PLANNING AND DEVELOPMENT AND THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SETBACKS AND EASEMENTS BEFORE CONSTRUCTION COMMENCEMENT. EXISTING UTILITIES AND RIGHTS-OF-WAY, GAS EASEMENT, POWER EASEMENT, EXISTING UTILITIES AND RIGHTS-OF-WAY.
- EXISTING FEATURES INFORMATION IS BASED ON THE FOLLOWING:
SURVEYOR: Allen & Company, Inc.
DATE: 11/11/2014
PROJECT: Specific Purpose Survey for Chickasaw Creek for Toll Brothers, Inc.
LATEST REVISION DATE: N/A
- ROADWAYS AND PARKING AREAS ARE DESIGNED IN SUBSTANTIAL CONFORMANCE WITH THE APPLICABLE STANDARDS AS SET FORTH IN THE GREEN BOOK AND THE LOCAL AGENCIES' SPECIFICATIONS.
- ALL PAVEMENT MARKING, STRIPING, SIGNS AND OTHER TRAFFIC CONTROL EQUIPMENT AND INSTALLATION THEREOF SHALL CONFORM TO MUTCD AS WELL AS LOCAL, STATE, AND OTHER FEDERAL STANDARDS, REGULATIONS AND REQUIREMENTS.
- THE CONTRACTOR SHALL FORRI SIDEWALKS, CURBS, ETC. IN ACCORDANCE WITH THE APPLICABLE STANDARDS, REGULATIONS AND REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR CONFORMANCE TO REGULATIONS OF THE AMERICANS WITH

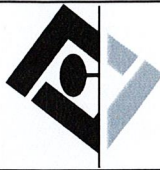
- DISABILITIES ACT (ADA), FLORIDA ACCESSIBILITY CODE (FAC), AND LOCAL SLOPES SHALL BE 5.0% AND MAXIMUM CROSS SLOPE OF 2.0% (1.0% MINIMUM).
- THE CONTRACTOR SHALL INSTALL DROP CURBS AND HANDICAP RAMPS AT ALL INTERSECTIONS OF THE SIDEWALK WITH THE PROPOSED PAVEMENT TO MEET FDOT, ADA, AND FAC SPECIFICATIONS.
- THE CONTRACTOR SHALL COMPLY WITH THE AGENCY HAVING JURISDICTION FOR STRIPING, CLEARING, GRUBBING, GRADING, BACKFILLING, AND EMBANKMENT PREPARATION WITHIN ALL DESIGNED ROADWAY RIGHT-OF-WAY SECTIONS.
- UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATIONS AT PROPERTY LINES AND POST-CONSTRUCTION POSITIONS. THE CONTRACTOR SHALL PROVIDE RETENTION PONDS AS SHOWN BY PROPOSED GRADES AND FLOW ARROWS.
- THE CONTRACTOR SHALL CONSTRUCT ALL STORM SEWER AND APPURTENANCES IN ACCORDANCE WITH LOCAL AGENCY'S SPECIFICATIONS, WMD, AND REQUIREMENTS AND SSRBC.
- THE CONTRACTOR SHALL INSURE THAT PROPER SOIL DENSITIES ARE ACHIEVED FOR PLACEMENT OF ALL PAVEMENT HEADWALL/ENDWALL FOOTINGS, RETAINING WALLS, AND IN GENERAL, ANY FOOTING SUPPORT DESCRIBED ON THESE PLANS. IT WILL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SUFFICIENT SOILS TESTING HAS BEEN PERFORMED PRIOR TO CONSTRUCTION.
- GEOTECHNICAL ENGINEERING INFORMATION IS BASED ON THE FOLLOWING:
ENGINEER: N/A
REPORT NUMBER: N/A
DATED: N/A
LATEST REVISION DATE: N/A
ADDITIONAL SERVICES WILL BE PROVIDED TO THE CONTRACTOR UPON REQUEST OF THE OWNER. G L SUMMITT ENGINEERING, INC. ASSUMES NO RESPONSIBILITY FOR THE CORRECTNESS, ACCURACY AND COMPLETENESS OF GEOTECHNICAL WORK.
EXCAVATION, PAVING, STORM SEWER, AND ANY RELATED WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL AGENCIES' SPECIFICATIONS, SSRBC, AS WELL AS REQUIREMENTS FOR SITE WORK AS SHOWN IN THE GEOTECHNICAL REPORT REFERENCED IN THESE NOTES.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL GEOTECHNICAL REPORTS REFERENCED FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE GEOTECHNICAL REPORT REFERENCED IN THESE NOTES, SPECIFICATIONS AND DETAILS.
- CONTRACTOR SHALL INSTALL ROAD UNDERDRAINS (IF CALLED FOR ON THE PLANS) IN ACCORDANCE WITH THE GEOTECHNICAL REPORT REFERENCED IN THESE DETAILS.
- IN OTHER AREAS WHICH REQUIRE FILL MATERIAL THE CONTRACTOR WILL STRIP OR OTHERWISE REMOVE ALL VEGETATION SUCH AS BRUSH, HEAVY SOGS, HEAVY GROWTH OF GRASS, DECAYED VEGETATIVE MATTER, RUBBISH, AND ANY OTHER DELETERIOUS MATERIAL BEFORE EMBANKMENT IS STARTED. IMMEDIATELY PRIOR TO THE PLACING OF FILL MATERIALS, THE ENTIRE AREA UPON WHICH FILL IS TO BE PLACED, SHALL BE PREPARED TO RECEIVE FILL. THE CONTRACTOR SHALL APPROVE THE AREA PRIOR TO THE PLACEMENT OF FILL.
- AFTER THE ROADWAY SUBGRADE HAS BEEN CONSTRUCTED, IT SHALL BE PROOF-ROLLED TO ASSURE THAT PROPER COMPACTION HAS BEEN ATTAINED. THE PROOF-ROLLING AND COMPACTION OPERATIONS SHALL BE INSPECTED AND TESTED BY A THIRD PARTY. THE CONTRACTOR SHALL MAINTAIN ALL SPECIFIED COMPACTION IS MAINTAINED AND ALL DELETERIOUS MATERIALS HAVE BEEN REMOVED.
- ALL REINFORCED CONCRETE PIPE (RCP) SHALL BE MINIMUM CLASS III OR FDOT APPROVED EQUAL (FROP). ALL HIGH DENSITY POLYETHYLENE (HDPE) PIPE SHALL BE ADS N-12 OR APPROVED EQUAL.
- ALL MANHOLE AND INLET STRUCTURES SHALL BE PRECAST CONCRETE. THE CONTRACTOR SHALL USE CONCRETE WITH A MINIMUM 28 DAY STRENGTH OF 3,000 P.S.I.
- THE CONTRACTOR SHALL LOCATE ALL UTILITIES OR UNDERGROUND STRUCTURES PRIOR TO CONSTRUCTION OF ANY STRUCTURES TO BE CONSTRUCTED. THE CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOURS (2 WORKING DAYS) PRIOR TO COMMENCEMENT OF CONSTRUCTION.
98% OF THE MODIFIED PROCTOR DENSITY; WITHIN OTHER AREAS TO 95%.
- ALL PAVEMENT PAVEMENT BASE, CURBING, STORMWATER SYSTEMS, WATER SYSTEMS AND SANITARY SEWER SYSTEMS THAT ARE TO BE DEMOLISHED, AND REMOVED SHALL BE DISPOSED OF OFF-SITE BY THE SITE CONTRACTOR, UNLESS OTHERWISE DIRECTED BY THE OWNER
- DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND PROTECT ALL CONSTRUCTION AREAS FROM EROSION. PROTECTION OF ALL DRAINAGE AND SEWER STRUCTURES AND AT ADJACENT LANDS AND ROADS.
- CONTRACTOR SHALL PROVIDE EROSION AND SEDIMENT CONTROL DURING THE CONSTRUCTION PHASE PER LOCAL AGENCY, WMD, FDEP, AND ENVIRONMENTAL PROTECTION AGENCY (EPA) REQUIREMENTS.
- THE CONTRACTOR SHALL PERFORM EROSION CONTROL MEASURES IN ACCORDANCE WITH CITY OF APOPKA STANDARDS. DETAILS CONTAINED IN THE PLANS, THE

FOLLOWING NOTES AND AS DIRECTED BY THE ENGINEER REQUIRED TO PREVENT SEDIMENTATION.

38. DURING CONSTRUCTION, NO DIRECT DISCHARGE OF WATER TO DOWNSTREAM RECEIVING WATERS WILL BE ALLOWED. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING WATER QUALITY, AND SHALL ROUTE DISCHARGE WATER IN SUCH A MANNER TO ADEQUATELY REMOVE SILT PRIOR TO RUNOFF FROM SITE.

39. ALL EXISTING UTILITIES HAVE BEEN FIELD VERIFIED AT ALL POINTS OF CONNECTION TO, AND AT ALL AREAS OF CONFLICT WITH NEW UTILITIES.

received
2/18/21



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407-345-6000

Chickasaw
Creek Subdivision
Orange County, Florida

SADF Ditch
Re-Grade Plans

General Notes

Plans not valid unless Signed
Date: February 18, 2021
FL Registration: 58775
G L SUMMITT, P.E.

Revisions

No.	Date	Description
1		
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12		

SHEET NUMBER
3 OF 8



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fax: 407-592-8630
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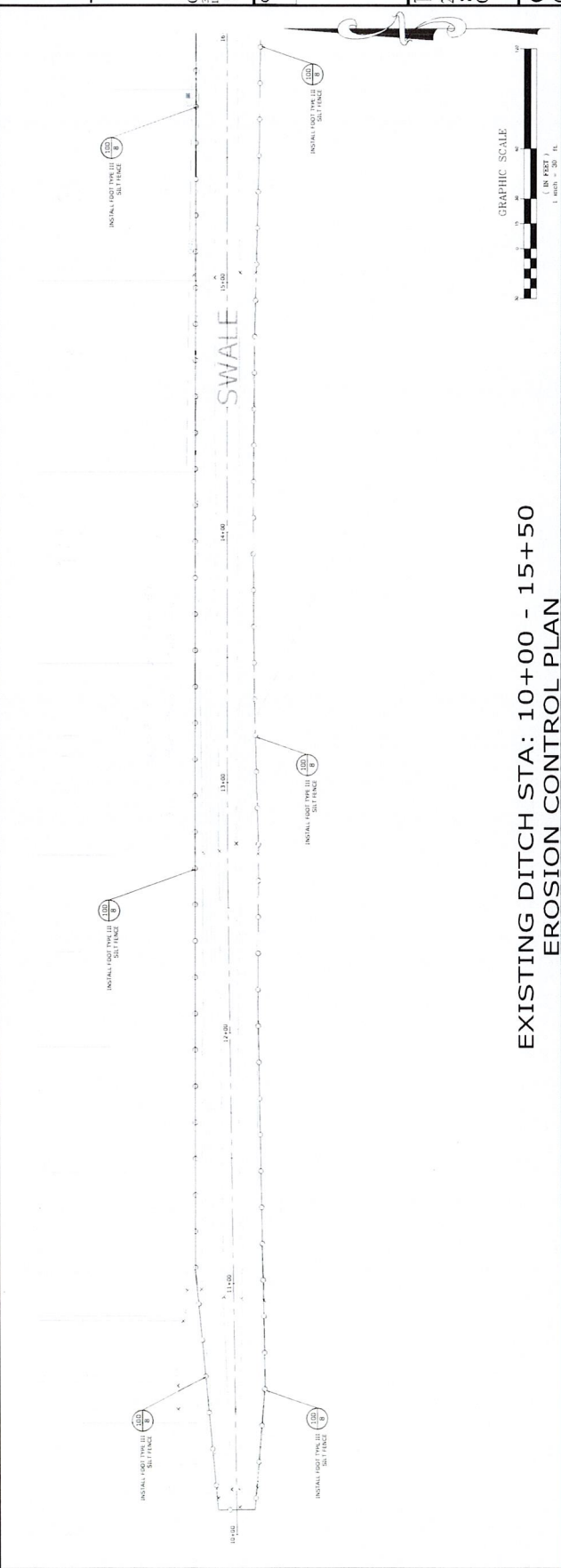
Chickasaw
Creek Subdivision
Orange County, Florida
SADF Ditch
Re-Grade Plans

Erosion Control
Plan

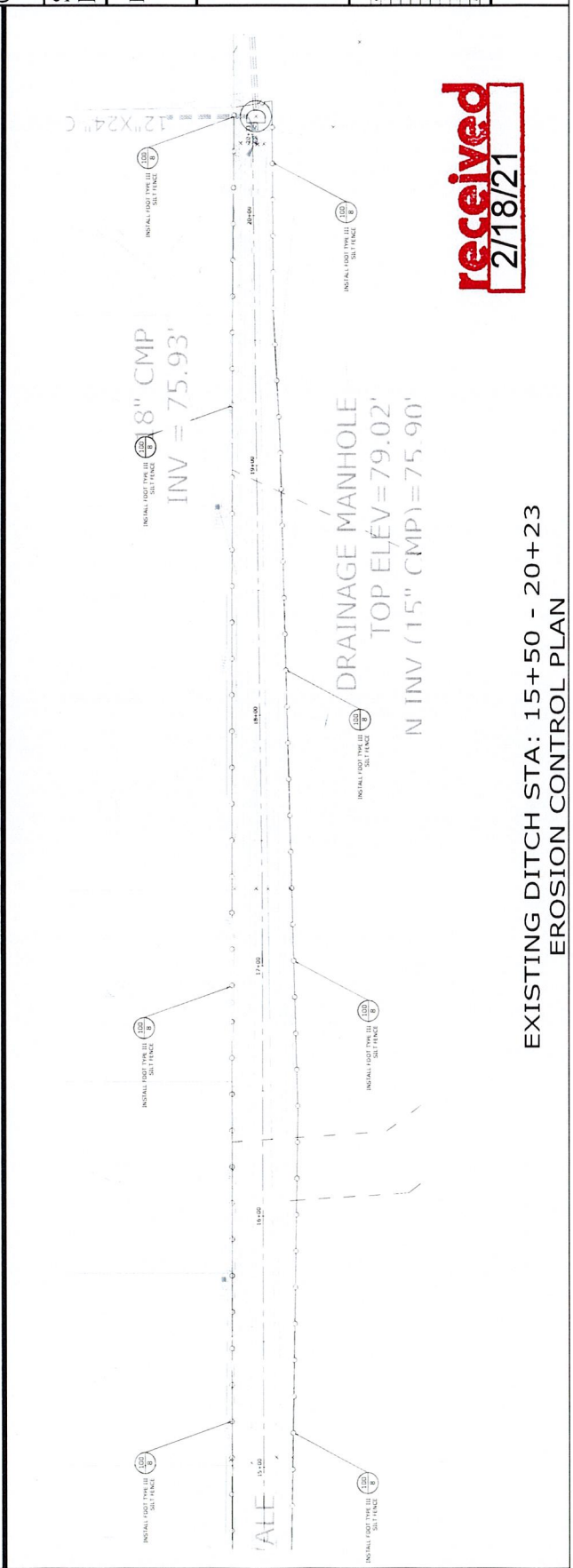
Plans not valid unless signed
and sealed below
Date January 16, 2021
FL Registration #8375
Certificate of Authorization #2965
GEOFFREY L. SUMMITT P.E.

Revisions	
No.	Description
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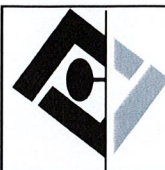


EXISTING DITCH STA: 10+00 - 15+50
EROSION CONTROL PLAN



EXISTING DITCH STA: 15+50 - 20+23
EROSION CONTROL PLAN

received
2/18/21



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407-345-6000

Chickasaw
Creek Subdivision
Orange County, Florida

SADF Ditch
Re-Grade Plans

General Details

Plans not valid unless signed
and sealed below
Certificate of Authorization #2966
Date Issued: 10/20/21
FL Registration #58775
GEOFFREY L. SUMMITT, P.E.

REVISIONS	
NO.	DESCRIPTION
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SHEET NUMBER
8 OF 8

received
2/18/21

