

# ISLAND DRIVE IMPROVEMENT PLAN

## TEAM INFORMATION

### PREPARED FOR

Town of Howey-in-the-Hills  
101 N. Palm Ave.  
Howey-in-the-Hills, FL 34737  
Ph. 352-324-2290 Fax 352-324-2126

### CIVIL ENGINEER

Donald A. Griffey, P.E., Project Engineer  
Griffey Engineering, Inc.  
36202 East Eldorado Lake Dr.  
Eustis, FL 32736  
Ph. 352-589-2368

### SURVEYOR

Brian S. Rogers, PSM  
Rogers Surveying and Mapping, Inc.  
357 E. 7th Ave.  
Mount Dora, FL 32757  
Ph. 352-735-8734

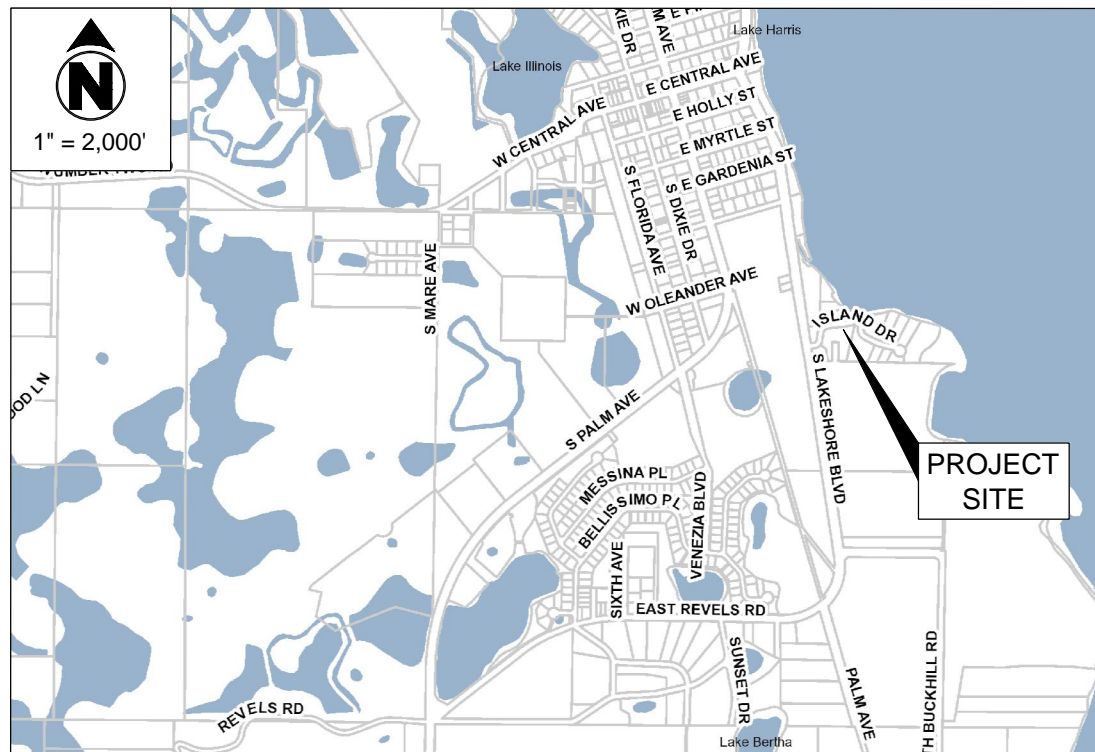
### GEOTECHNICAL ENGINEER

Ed Miguens, P.E.  
G.E.O. Engineering & Sciences, Inc.  
400 Countyline Ct., Unit 10  
Oakland, FL 34787  
Ph. 407-379-9510

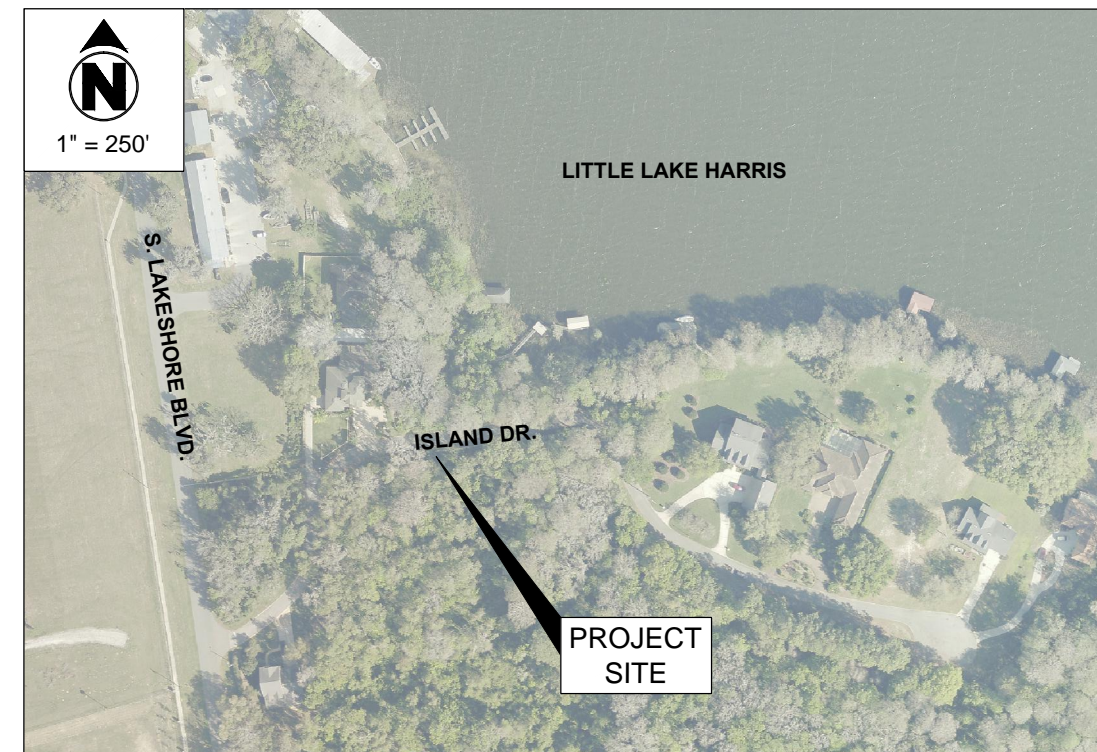
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## VICINITY MAP



## AERIAL MAP



CALL BEFORE YOU DIG:



11 Plantation Road  
DeBary, FL 32713  
Admin: (386) 575-2000  
Locates: 811 or (800) 432-4770

GRIFFEY ENGINEERING, INC.  
36202 East Eldorado Lake Dr.  
EUSTIS, FLORIDA 32736  
PHONE (352) 589-2368  
FLORIDA CERT. OF AUTH # 80682

DONALD A. GRIFFEY  
FLORIDA 036799

Town of Howey-in-the-Hills  
101 N. Palm Avenue  
Howey-in-the-Hills, FL 34737  
Phone (352) 324-2290

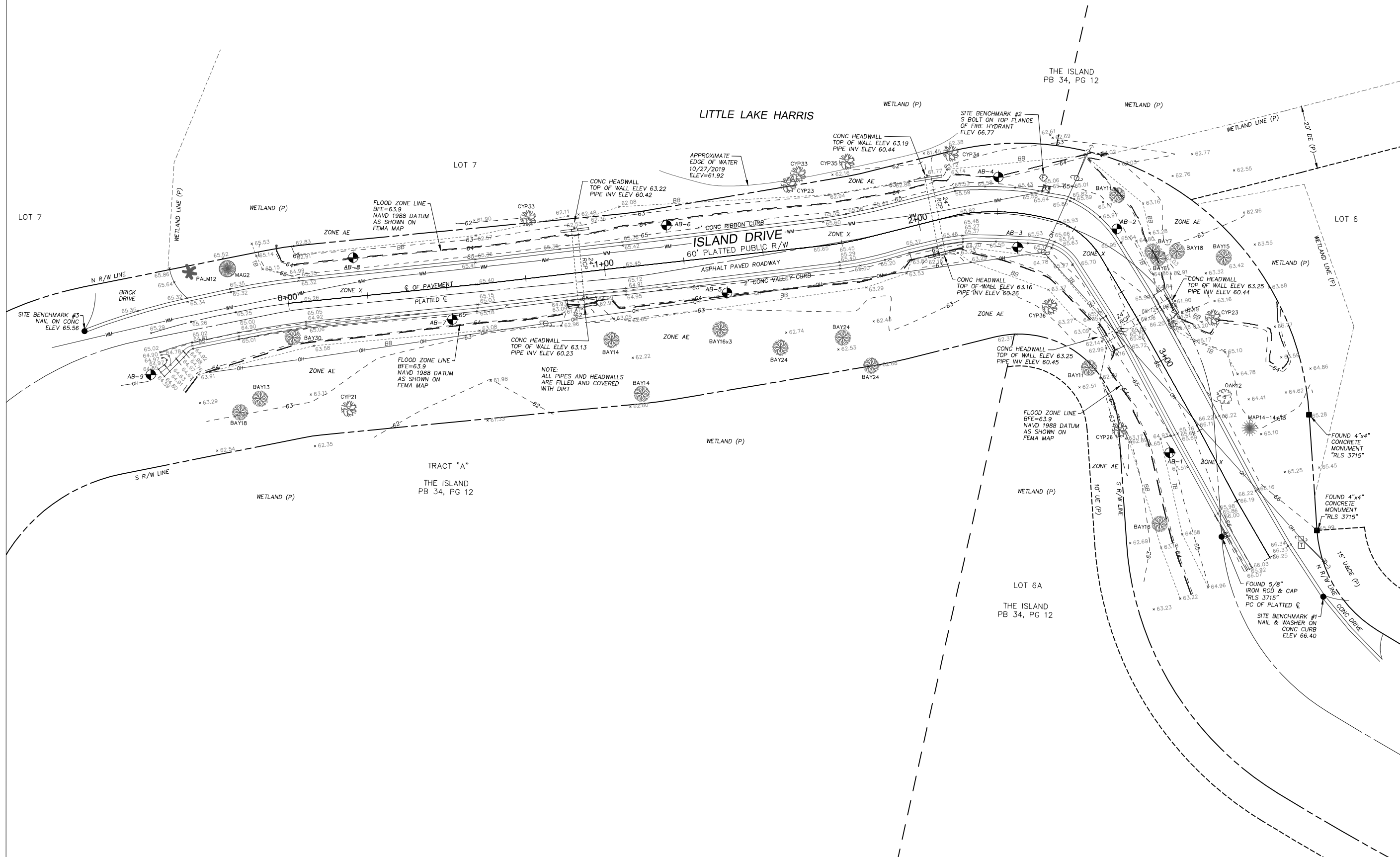
COVER

ISLAND DRIVE  
IMPROVEMENT PLAN

Date	Drawn By:
	DAG
	Drawing #:
	15028_I.D.
	Project #:
	15028
	Scale:
12-31-19	AS NOTED



1" = 30'



**GRIFFEY ENGINEERING, INC.**  
 38202 East Eldorado Lake Dr.  
 ELUSTIS, FLORIDA 32736  
 PHONE (352) 589-2368  
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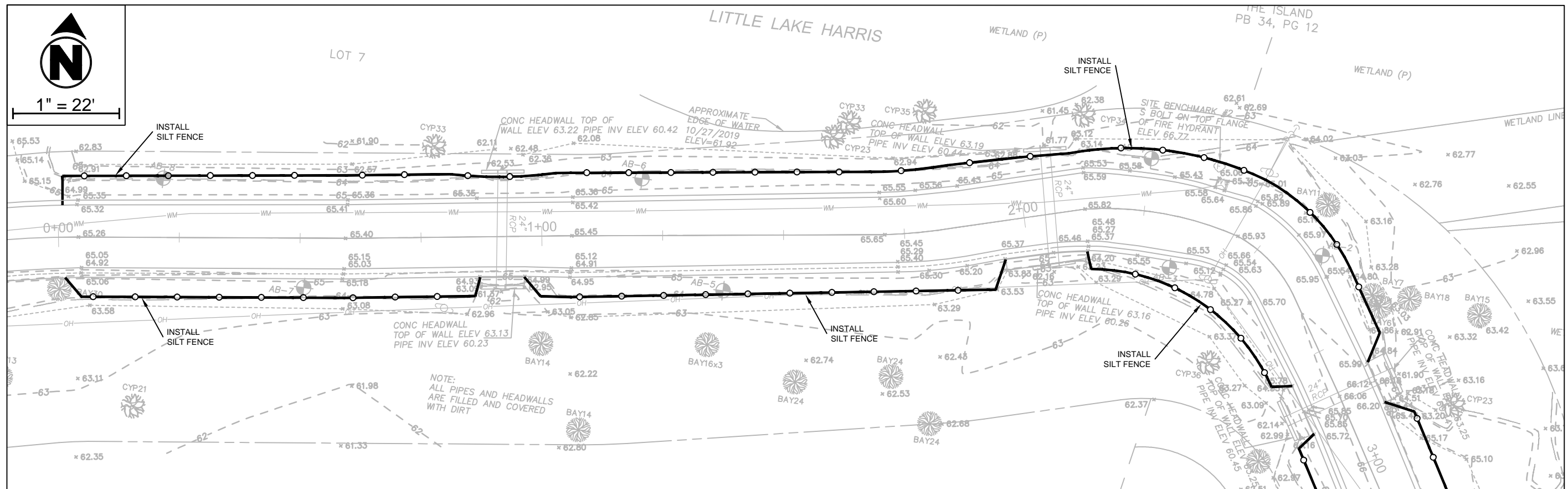
SURVEY

ISLAND DRIVE  
IMPROVEMENT PLAN

Date	Drawn By:
	DAG
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	15028_I.D.
	Project #:
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	Scale:
12-31-19	1" = 30'



1" = 22'



### EROSION CONTROL NOTES

THE FOLLOWING LIST REPRESENTS A BASIC EROSION AND SEDIMENT CONTROL PROGRAM WHICH IS TO BE IMPLEMENTED TO HELP PREVENT OFF-SITE SEDIMENTATION DURING AND AFTER CONSTRUCTION OF THE PROJECT.

PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AT THE EARLIEST PRACTICAL TIME CONSISTENT WITH GOOD CONSTRUCTION PRACTICES. ONE OF THE FIRST CONSTRUCTION ACTIVITIES SHOULD BE THE PLACEMENT OF PERMANENT AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AROUND THE PERIMETER OF THE PROJECT OR THE INITIAL WORK AREA TO PROTECT THE PROJECT, ADJACENT PROPERTIES AND WATER RESOURCES.

TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE COORDINATED WITH PERMANENT MEASURES TO ASSURE ECONOMICAL, EFFECTIVE AND CONTINUOUS CONTROL THROUGHOUT THE CONSTRUCTION PHASE. TEMPORARY MEASURES SHALL NOT BE CONSTRUCTED FOR EXPEDIENCY IN LIEU OF PERMANENT MEASURES.

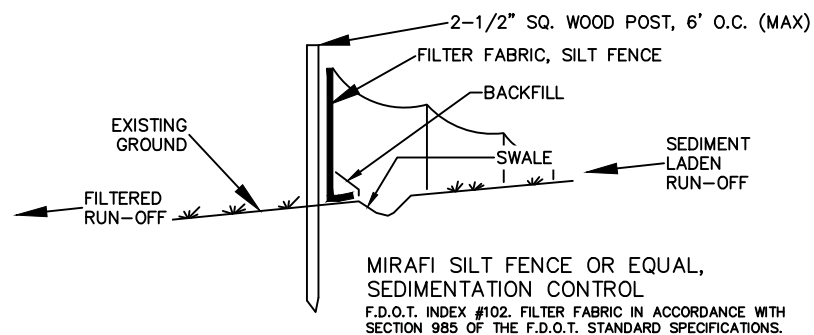
EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ADEQUATELY MAINTAINED TO PERFORM THEIR INTENDED FUNCTION DURING CONSTRUCTION OF THE PROJECT.

NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BARRIERS SHALL BE ACCOMPLISHED PROMPTLY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.

MATERIAL FROM SEDIMENT TRAPS SHALL NOT BE STOCKPILED OR DISPOSED OF IN A MANNER WHICH MAKES THEM READILY SUSCEPTIBLE TO BEING WASHED INTO ANY WATERCOURSE BY RUNOFF OR HIGH WATER.

ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE BARRIERS ARE NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.



#### NOTES:

- TEMPORARY EROSION CONTROL STRUCTURE TO BE UTILIZED DURING CONSTRUCTION AT AREAS DESIGNATED BY ENGINEER OR AREAS ON-SITE WHERE UNSTABILIZED GRADES MAY CAUSE EROSION PROBLEMS. EROSION CONTROL STRUCTURE MAY BE REMOVED AFTER UPSLOPE AREA HAS BEEN STABILIZED BY SOD, OR COMPACTED AS DETERMINED BY CONTRACTOR.
  - PROTECT SYSTEM FROM SILTING AND DEBRIS BY METHODS PROVIDED IN DETAILS.
  - PROTECT SWALE BOTTOM FROM SEALING BY EXCAVATING ALL SILT DEPOSITS DURING CONSTRUCTION. THIS SHALL BE DONE BEFORE SOD & SEEDING & MULCHING IS FINISHED
- CONSTRUCT STORMWATER SYSTEMS BEFORE ANY BUILDING OR ROAD CONSTRUCTION IS STARTED.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A NPDES PERMIT FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. THE NPDES PERMIT SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.

DONALD A. GRIFFEY  
FLORIDA 036799

GRIFFEY ENGINEERING, INC.  
36202 East Eldorado Lake Dr.  
EUSTIS, FLORIDA 32736  
PHONE (352) 589-2368  
FLORIDA CERT. OF AUTH # 80882

Town of Howey-in-the-Hills  
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Howey-in-the-Hills, FL 34737  
Phone (352) 324-2290

EROSION CONTROL

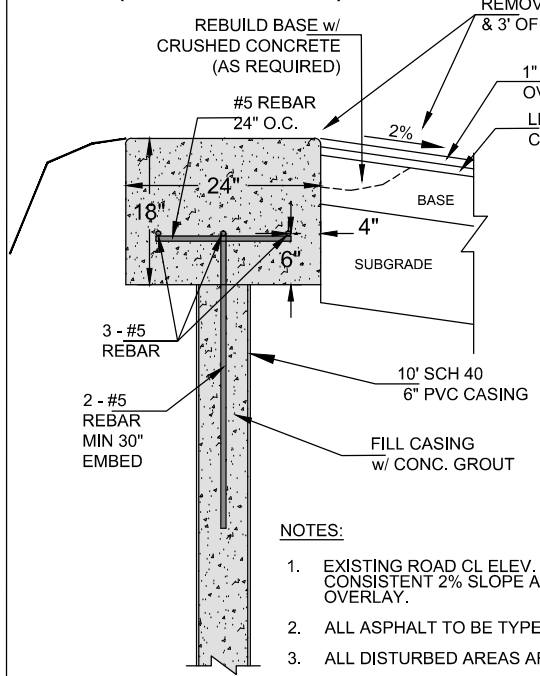
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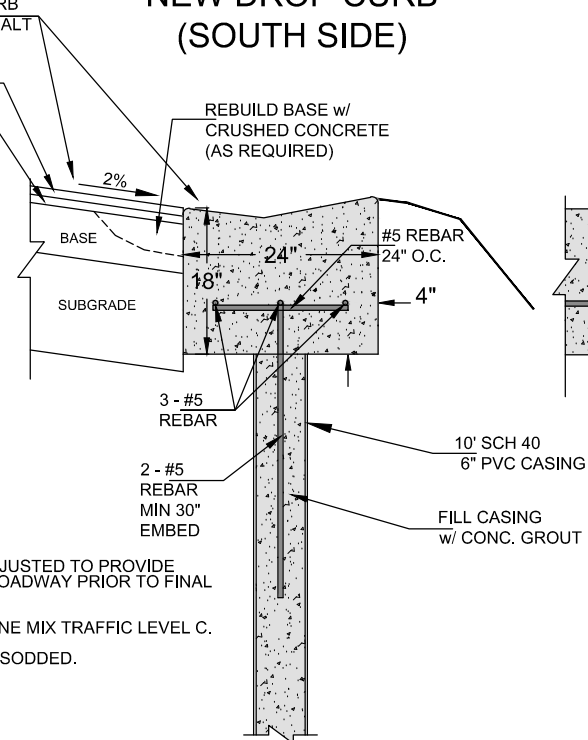
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	Project #:
	15028
	Scale:
12-31-19	1" = 10'

# CROSS-SECTION VIEW

## NEW RIBBON CURB (NORTH SIDE)

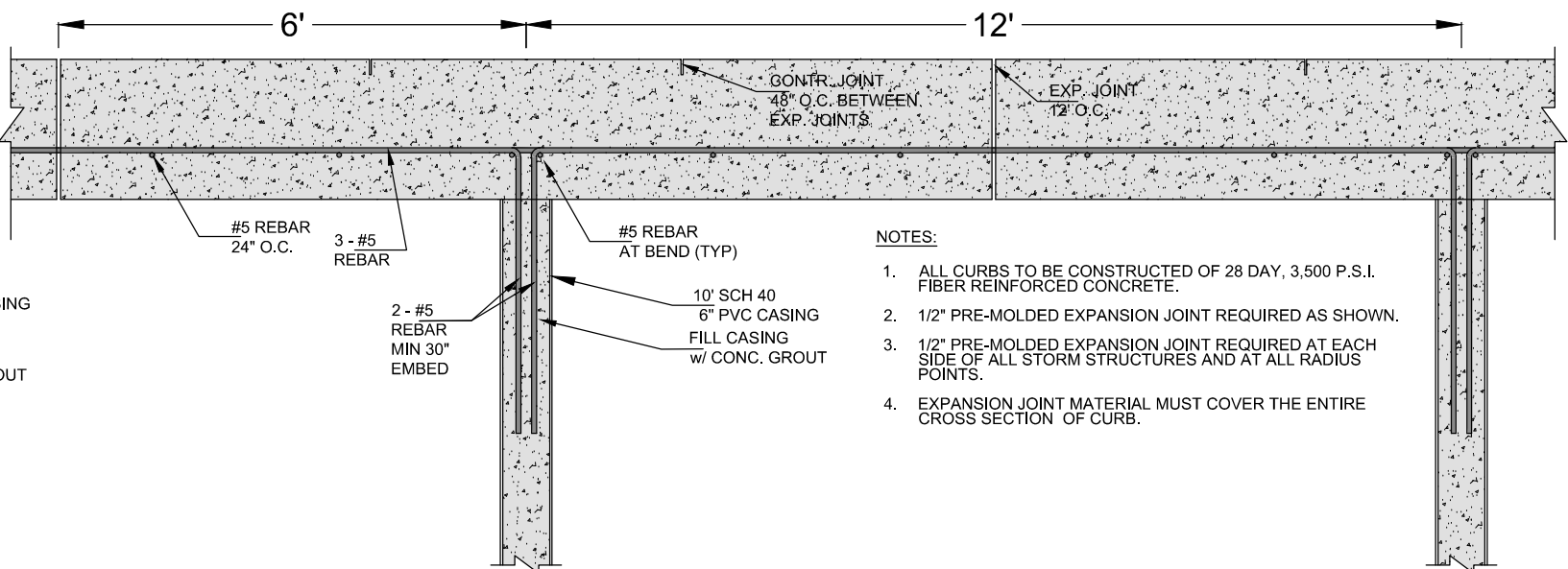


## NEW DROP CURB (SOUTH SIDE)

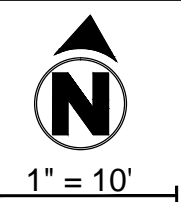
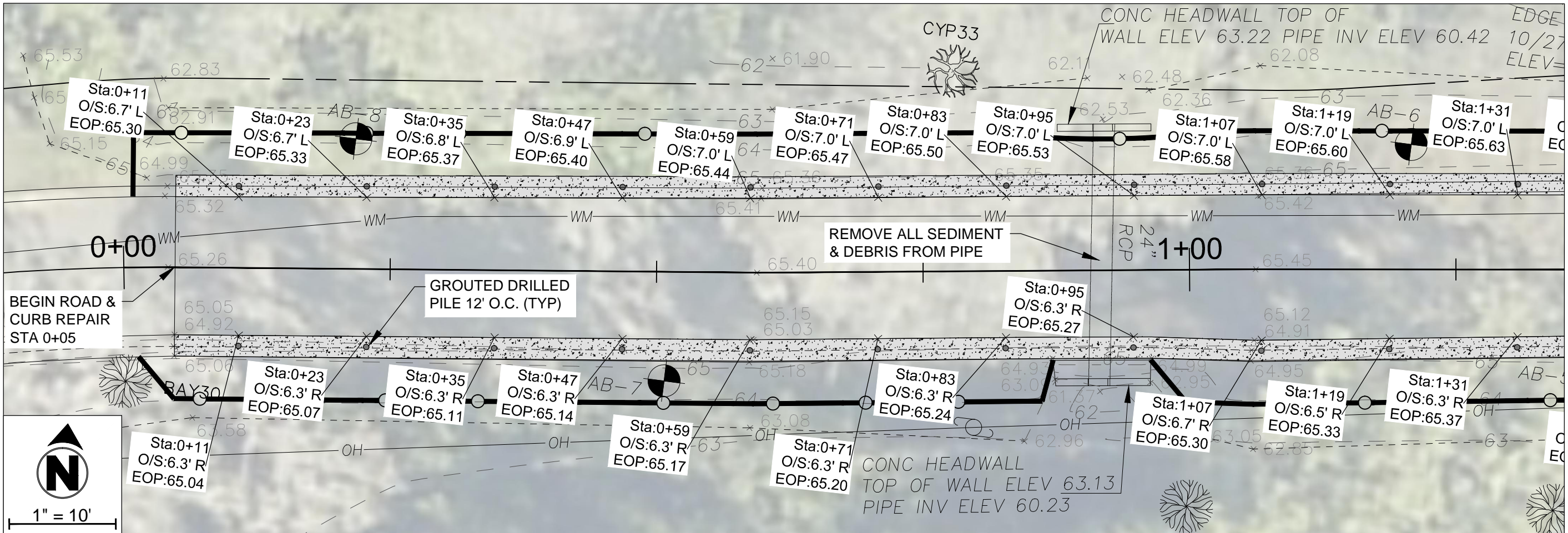


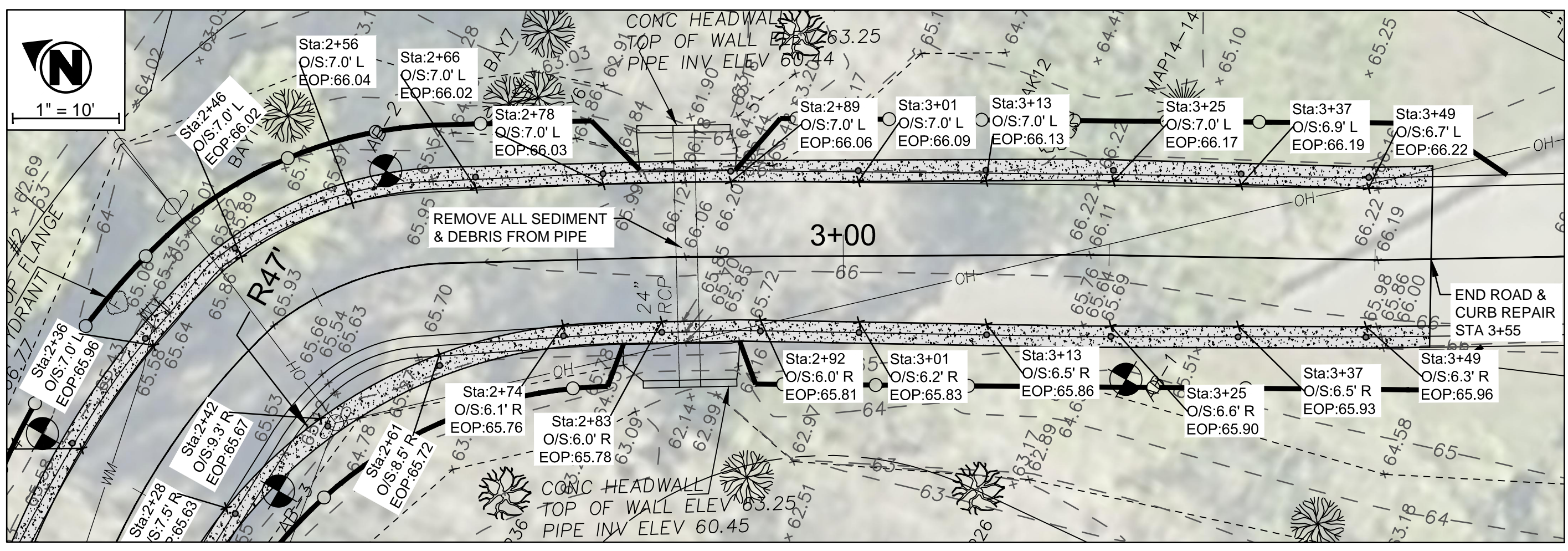
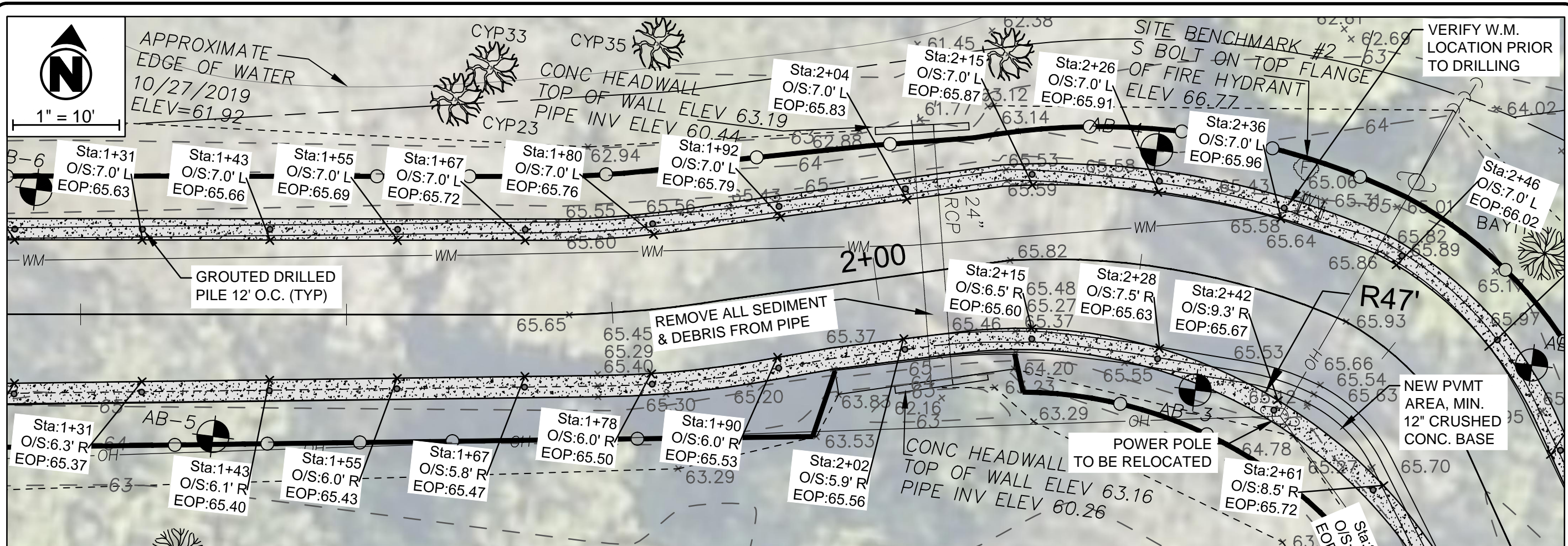
# PROFILE VIEW

## NEW RIBBON CURB (NORTH SIDE) & NEW DROP CURB (SOUTH SIDE)



- NOTES:
- ALL CURBS TO BE CONSTRUCTED OF 28 DAY, 3,500 P.S.I. FIBER REINFORCED CONCRETE.
  - 1/2" PRE-MOLDED EXPANSION JOINT REQUIRED AS SHOWN.
  - 1/2" PRE-MOLDED EXPANSION JOINT REQUIRED AT EACH SIDE OF ALL STORM STRUCTURES AND AT ALL RADIUS POINTS.
  - EXPANSION JOINT MATERIAL MUST COVER THE ENTIRE CROSS SECTION OF CURB.





DONALD A. GRIFFEY  
FLORIDA 056799

GRIFFEY ENGINEERING, INC.  
39202 East Eldorado Lake Dr.  
EUSTIS, FLORIDA 32736  
PHONE (352) 589-2368  
FLORIDA CERT. OF AUTH # 8082

Town of Howey-in-the-Hills  
101 N. Palm Avenue  
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PLAN

ISLAND DRIVE IMPROVEMENT PLAN

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SHEET 5 of 6

## GENERAL NOTES

- A. ALL MATERIALS, INSTALLATION, TESTING, AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION AND F.D.O.T. DESIGN STANDARDS, LATEST EDITION.
- B. PAVEMENT SHALL MEAN ALL ASPHALT AND BASE ASSOCIATED WITH A DRIVING SURFACE AS SHOWN ON THE CONSTRUCTION PLANS.
- C. A CONSTANT SLOPE SHALL BE MAINTAINED BETWEEN DESIGNATED AREAS OF CUT AND FILL.
- D. ALL FILL EXCLUDING SUB GRADE AND/OR SUBBASE PLACED WITHIN PROPOSED ROAD RIGHT-OF-WAY OR EASEMENT SHALL BE COMPACTED AS FOLLOWS:
1. ROADWAY SHOULDERS (BEYOND THE STABILIZED SHOULDER) 95% MAXIMUM DENSITY, AASHTO T-180, SIX (6") INCHES TYPE B STABILIZATION, MINIMUM 40 LBR SHALL BE REQUIRED.
  2. ROADWAY AREAS (UNDER PAVEMENT AND STABILIZED SHOULDERS) 98% MAXIMUM DENSITY, AASHTO T-180.
- E. UNLESS NOTED OTHERWISE, THE ESTABLISHED CLEAR ZONE IS FOUR (4) FEET FROM THE BACK OF CURB. ALL ABOVE GROUND STRUCTURES SUCH AS MAIL BOXES, TRAFFIC CONTROL SIGNS, STREET SIGNS, FENCES, ETC., ARE TO BE REMOVED AND REPLACED OUTSIDE OF THE CLEAR ZONE. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF REMOVAL AND REPLACEMENT OF THESE STRUCTURES. DAILY ACCESS TO MAILBOXES SHALL BE MAINTAINED. ALL FENCES ARE TO BE RELOCATED TO THE RIGHT-OF-WAY LINE. THE TOWN MAY WAIVE SOME OF THESE REQUIREMENTS, IF NECESSARY.
- F. ALL WORK SHALL BE PERFORMED IN SUCH A MANNER THAT WILL SUCCESSFULLY ACCOMPLISH THE INTENDED DESIGN WITH MINIMAL IMPACT TO EXISTING CONDITIONS. ANY CONSTRUCTION ACTIVITY PERFORMED WITHOUT PRIOR WRITTEN APPROVAL FROM THE TOWN THAT IS DEEMED EXCESSIVELY DISRUPTIVE TO EXISTING CONDITIONS OF THE SURROUNDING AREA AND/OR SIGNIFICANTLY DEVIATES FROM THE LIMITS OF CONSTRUCTION AS SET FORTH BY THESE CONSTRUCTION PLANS SHALL BE CONSIDERED AS PART OF THE ORIGINAL WORK AND NO ADDITIONAL COMPENSATION SHALL BE GIVEN TO RESTORE THE DISTURBED AREA(S).
- G. APPARENT ERRORS, DISCREPANCIES OR OMISSIONS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION WITHIN A REASONABLE TIME FRAME, LESS THAN 48 HOURS AFTER DISCOVERED. ADVANTAGE WILL NOT BE TAKEN OF APPARENT ERROR OR OMISSION IN THE DRAWINGS OR SPECIFICATIONS, AND THE ENGINEER SHALL BE PERMITTED TO MAKE CORRECTIONS AND INTERPRETATIONS AS MAY BE DEEMED NECESSARY FOR FULFILLMENT OF THE INTENT OF THE DESIGN.

## SURVEY

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONTROL AND BENCHMARK DATA BEFORE CONSTRUCTION. DISCREPANCIES IN DATA SHALL BE BROUGHT TO THE ATTENTION OF THE TOWN.
- B. ALL (P.R.M.'s) IRONS AND MONUMENTS SHOWN ON PLANS, OR FOUND, SHALL BE PRESERVED. THOSE SHOWN IN PROPOSED PAVEMENT SHALL BE PROTECTED WITH A CAST IRON VALVE BOX.
- C. PUBLIC LAND CORNERS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED OR DISTURBED THE COUNTY SURVEYOR SHALL BE IMMEDIATELY NOTIFIED.
- D. AT THE COMPLETION OF CONSTRUCTION THE CONTRACTOR SHALL PROVIDED A CERTIFIED RECORD SURVEY OF THE INSTALLED IMPROVEMENTS PERFORMED BY A PROFESSIONAL SURVEYOR AND MAPPER LICENSED IN THE STATE OF FLORIDA.

## TRAFFIC CONTROLS

- A. EXISTING STREETS AND DRIVEWAYS SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.
- B. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL INCLUDING SIGNAGE AND FLAGMEN AS NEEDED THROUGHOUT CONSTRUCTION OF THE PROJECT.
- C. CONTRACTOR SHALL SUBMIT DETAILED MAINTENANCE OF TRAFFIC PLANS FOR REVIEW AND APPROVAL. ALL ROADS SHALL BE OPEN TO TRAFFIC WITH NO PERMANENT LANE CLOSURES ALLOWED. CONTRACTOR SHALL CONFORM TO THE LATEST EDITIONS OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS AS APPLICABLE.
- D. ANY TEMPORARY ROAD CLOSURE REQUIRES AN AUTHORIZATION REQUEST MADE TO THE TOWN WITH AT LEAST THREE (3) DAYS NOTICE PRIOR TO CLOSURE. NO CLOSURE SHALL TAKE PLACE WITHOUT APPROVAL BY THE TOWN. CONTRACTOR SHALL SUPPLY ALL SIGNAGE AND TRAFFIC CONTROL ASSOCIATED WITH THE CLOSURE.

## UTILITIES

- A. THE UTILITIES SHOWN IN THE CONSTRUCTION PLANS MAY NOT BE ALL OF THE UTILITIES ON SITE. UNLESS OTHERWISE NOTED, THE LOCATION OF UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. CALL SUNSHINE 811 AT 1-800-432-4770 TO CONFIRM UTILITY LOCATIONS.
- B. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITIES PRIOR TO CONSTRUCTION AND COORDINATING UTILITY RELOCATION WITH THE PROJECT CONSTRUCTION.

## TREES AND LANDSCAPING

- A. ALL TREES ARE TO BE PRESERVED UNLESS OTHERWISE NOTED IN THE PLANS.
- B. CONTRACTOR SHALL REPLACE LANDSCAPING AND/OR IRRIGATION THAT IS REMOVED OR DESTROYED DURING CONSTRUCTION. IRRIGATION REPAIR SHALL OCCUR WITHIN 24HOURS OF DISRUPTION UNLESS OTHERWISE DIRECTED BY THE TOWN.

## PUBLIC NOTIFICATION

- A. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO ALL RESIDENCES ADJACENT TO THE PROJECT LIMITS. WITHIN A MINIMUM OF 14 CALENDAR DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PROVIDE TO THE TOWN A COPY OF THE NOTIFICATION WITH A LIST OF THE PARTIES CONTACTED. THIS NOTICE SHALL INCLUDE, AT A MINIMUM, THE ANTICIPATED CONSTRUCTION SCHEDULE, MAINTENANCE OF TRAFFIC PLAN AND ANY IMPACTS, PERMANENT OR TEMPORARY, TO THE SUBJECT RESIDENCE AND ITS ADJACENT AREA. CONTRACTOR SHALL PROVIDE CONTACT INFO INCLUDING NAME OF PROJECT MANAGER AND TELEPHONE NUMBER.

DONALD A. GRIFFEY  
FLORIDA 086799

GRIFFEY ENGINEERING, INC.  
36202 East Eldorado Lake Dr.  
EUSTIS, FLORIDA 32736  
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