

August 22, 2016
BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
Y16-7000-RM / Addendum No. 1
PARK MANOR ESTATES SECTIONS 1-8 UNDERDRAIN IMPROVEMENTS
THE REVISED BID OPENING DATE IS SEPTEMBER 6, 2016

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to, and shall take precedence over, the original documents. Underlining indicates additions, deletions are indicated by ~~strikethrough~~.

A. THE BID OPENING DATE IS CHANGED FROM ~~August 23, 2016~~ to September 6, 2016

B. The following are questions/responses/clarifications:

1. **Question:** PVC perforated pipe (Spec TP 440). The spec does not clarify what type of PVC pipe is required. SDR 35, SDR 41 or Schedule 40. And also what color the pipe should be (I assume white). The spec also does not clarify the perforations, just notes "not slotted". What hole size, hole spacing, number of rows for the perforation? Are the pipe bells gasket joint or solvent weld (glued)? What length is the pipe? 14ft is standard but with almost 40,000 feet required on this job, 20 lengths can be furnished.

Answer: The minimum pipe thickness shall correspond with Type PS 46 pipe (0.240" wall thickness).

The governing specifications for the underdrain are covered within TP 440 (which also makes reference to FDOT Index 286, and Specification 440). There are different options available under the governing documents and it is the Bidder's responsibility to make sure the product chosen for the project meets the project specifications. Below is information from the governing documents for convenience but this information does not release the bidder from reviewing and understanding the governing specifications.

- A. Standard hole spacing/size per ASTM F758 is adequate.
- B. Joints shall be made with gasket or solvent-cement connections.
- C. There are no requirements for pipe color in the specifications.
- D. Per ASTM F758 Section 7.2.3, "laying length shall be 20 ft (or as mutually agreed upon between the purchaser and the manufacturer). A tolerance of +/- 1 inch shall be permitted".

2. **Question:** Can you provide a clean out detail? They are required every 300 ft for this job.

Answer: Please refer to FDOT Index 286 for the typical cleanout detail (*Cleanout for Type V Underdrain*). Please note that per the FDOT Index, non perforated pipe is to be used for the cleanouts.

3. **Question:** Regarding PVC fittings, please clarify what class they are (SDR 35, 41 or Sch 40) and are they gasket joint or solvent weld?

Answer: The fittings shall meet the same requirements for the underdrain pipe as listed above under question 1.

4. **Question:** Typical section on Plan Sheet 4 indicates placement of "GRANITE #57 Stone" for trench backfill. Is this a typographical error or in fact the rock of choice is GRANITE? As you know granite is not local to Florida and has to be imported specially in these quantities, therefore very costly. Will the contractor be allowed to install #57 recycled concrete in lieu of granite? Will any other substitute be allowed?

Answer: Granite #57 stone as stated in the bid documents is the intended aggregate for the project. The gravel or stone requirements per FDOT specifications Index 286, note #3 are not satisfied by the properties of crushed concrete. The specifications require that the gravel or stone must meet the requirements of Standard Specification Sections 901-2 or 901-3. Section 901-5 is for crushed concrete, which is excluded from the list of acceptable materials per the Index.

5. **Question:** Locations where street crossings are required, will the County allow placement of concrete in lieu of soil cement base?

Answer: The placement of concrete in lieu of soil cement base is not acceptable.

6. **Question:** Generally speaking, under drains are installed 3 to 4 feet deep which is the depth at which all underground utilities such as gas mains, water mains, reuse mains, power and telephone and sewer laterals are installed. There are numerous locations such as 877 Parkmanor Dr. where old trees are right on top of said mains. As you know, over the years trees have spread their root systems all over these mains and on into the roadway. These roots cannot be removed without damage to said utilities or the roadway. Will the County allow shut down of mains, service interruptions, for a period of time? Or does the County offer a different remedy for these locations. Will the County consider termination of runs to get around particular instances where it is not just as simple as removing trees?

Answer: The plans and specifications provide guidance for handling various conflicts. Any specific conflicts that cannot be resolved based on the direction provided in the plan notes and specifications should be brought to the County's attention as soon as possible to be resolved on a case by case basis. Potential changes, such as terminating runs or altering the proposed path of the underdrain, will be considered as necessary. As stated in the plans and specifications, the interruption and need for relocation of utilities is to be avoided when possible.

7. **Question:** Does the county have quantities on the existing underdrain to be removed? How much 4" & 6" clay pipe underdrain?

Answer: No formal survey of the existing underdrain was performed. Based on limited available information, it is estimated that there is approximately 15,000 +/- feet of existing underdrain that will require removal within the project limits. The anticipated locations of the existing underdrain to be removed and replaced are shown in the plans as long dashed underdrain lines (refer to Legend on Sheets 2-A thru 2-C of plans – "Remove and Replace Existing Underdrain"). Please note that the actual quantity may vary, however, as the reliability of this estimate must take into account the considerable age of the underdrain and the available data. Per the geotech report included in Part H of the specifications, the majority of the pipe was noted as corrugated polyethylene, but rigid PVC and clay pipes were observed in a few locations. The report also noted that the underdrains generally appeared to be 6" diameter pipes, but the clay pipes were closer to 4" diameter. It is the Contractor's responsibility to identify and fully removal all existing underdrain (including geotextile, aggregate, and fittings) impacted by the proposed underdrain.

8. **Question:** Besides grassing will landscaping need to be replaced in the R.O.W, if so what pay item covers that cost?

Answer: Yes, per the general notes included in the Plans, replacing landscaping in-kind or better is required. The cost is included under Clearing and Grubbing per the pay item footnote and Technical Specifications.

9. **Question:** Can concrete or an excavatable grout be used in lieu of the soil cement?

Answer: Bidder's shall assume that only soil cement base will be allowed.

C. Clarification:

Existing sanitary sewer lines in the project area are vitrified clay pipe (VCP). There is concern that the VCP could potentially be damaged if vibratory compaction methods are used for soil compaction, as VCP is a relatively brittle material. It was determined that vibratory compaction would not be an acceptable compaction method and that a provision should be added to the construction

plans to prevent potential damage to the sanitary sewer. General Note 31 is added to revised Sheet 5 (attached) stating:

Vibratory compaction of any kind shall not be allowed during construction. Allowable compaction methods include the use of non-vibratory equipment only (e.g., static smooth wheeled rollers, static pad rollers, or other non-vibratory methods). The Contractor's compaction methods shall be submitted to the County for written approval prior to use.

D. All other terms and conditions of the IFB remain the same.

The Bidder/Proposer shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid or proposal.

Receipt acknowledged by:

Authorized Signature

Date Signed

Title

Name of Firm

GENERAL NOTES:

1. ALL PERSONAL PROPERTY, WITHIN THE DRAINAGE EASEMENTS AND RIGHTS-OF-WAY NOT RELOCATED BY THE PROPERTY OWNER SHALL BE RELOCATED BY THE CONTRACTOR AS NECESSARY TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE PLANS. PAYMENT WILL BE INCLUDED IN CLEARING AND GRUBBING.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO THE TURF, CURBS, MAILBOXES, SIGN POSTS AND BASES, DELINEATOR POSTS, FENCES (INCLUDING ELECTRONIC), GUY-WIRES, LANDSCAPED AREAS, SPRINKLERS, PRIVATE DRAINS, PAVEMENT ASPHALT (ASPHALT REPAIRS SHALL FOLLOW FDOT SPECIFICATIONS OR AS OTHERWISE INSTRUCTED BY THE COUNTY'S REPRESENTATIVE), ETC. THAT ARE NOT INCLUDED AS PART OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING IT TO ITS ORIGINAL CONDITION AND/OR REPLACEMENT THEREOF, PRIOR TO THE END OF THE PROJECT. RUT DAMAGED AREAS SHALL BE CUT-OUT, BACKFILLED WITH CLEAN FILL DIRT AND APPROPRIATE SOD SHALL BE PUT BACK. DISTURBED AREAS THAT ARE MORE THAN 4-INCHES WIDE SHALL BE RESTORED TO ORIGINAL CONDITION BY REMOVING 1-FOOT ALONG THE AREA AND RE-SODDING WITH ADEQUATE IN-KIND SOD. SODDED AREAS SHALL BE MAINTAINED AS SPECIFIED HEREIN. ALL DISTURBED LOCATIONS LESS THAN 4-INCHES WIDE ALONG SIDEWALKS SHALL BE BACKFILLED WITH CLEAN BLACK FILL DIRT. NO ADDITIONAL COMPENSATION WILL BE PROVIDED TO THE CONTRACTOR FOR REPAIRS TO DAMAGES AS SPECIFIED ABOVE. THE SOD SHALL BE WATERED FOR A MINIMUM OF THIRTY (30) DAYS AFTER INSTALLATION TO ENSURE A HEALTHY CONDITION AFTER CONSTRUCTION IS COMPLETED. FINAL INSPECTION MUST REVEAL A WELL-ESTABLISHED STAND AND ROOT SYSTEM. IF SOD HAS NOT ESTABLISHED ITSELF AT THE END OF THIS PERIOD THE CONTRACTOR SHALL REPLACE IT AT NO ADDITIONAL COST TO THE COUNTY.
3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR MAINTAINING IN GOOD CONDITION ALL CULTIVATED GRASS PLOTS, TREES AND SHRUBS AFFECTED BY THE WORK. THE CONTRACTOR SHALL RESTORE TO ITS ORIGINAL CONDITION, ALL MAINTAINED SHRUBBERY AND GRASS STRIPS THAT ARE REMOVED OR DESTROYED DUE TO CONSTRUCTION OPERATIONS. WITH PRIOR COUNTY APPROVAL, ALL EXISTING TREES OR TREE LIMBS INTERFERING WITH INSTALLATION, WITHIN THE RIGHT-OF-WAY, ARE TO BE NEATLY TRIMMED OR REMOVED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF THE UNDERDRAIN. ALL DISTURBED AREAS SHALL BE SODDED TO MATCH EXISTING SOD AND OF THE SAME TYPE UNLESS OTHERWISE DIRECTED BY THE COUNTY REPRESENTATIVE. SOD PLACED ADJACENT TO THE ROAD SHALL BE PLACED ONE (1) INCH BELOW THE TOP OF THE ROAD SURFACE. COST TO BE INCLUDED IN CONTRACT UNIT PRICE FOR SOD.
4. INSTALL TOPSOIL TREATMENT ON ALL PERMANENT GRASS AREAS. COST TO BE INCLUDED IN CONTRACT UNIT PRICE FOR SOD.
5. PEGGED SOD TO BE PLACED ON ALL SLOPES 1:3 OR STEEPER.
6. THE CONTRACTOR SHALL DISPOSE OF DEBRIS ONLY IN A COUNTY APPROVED LANDFILL IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL RULES AND REGULATIONS IN EFFECT AT THE TIME OF DISPOSAL. COST INVOLVED WITH THE DISPOSAL OF THE DEBRIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL UNSUITABLE MATERIAL DURING THE INSTALLATION OF THE UNDERDRAIN. THE COUNTY MAY REQUEST RECEIPTS AT ANY TIME DURING THE CONTRACT SHOWING THE LOCATION OF THE DISPOSAL SITES FOR REMOVED MATERIAL.
8. THE CONTRACTOR SHALL KEEP THE WORK AREA FREE FROM ACCUMULATIONS OF WASTE MATERIALS, RUBBISH AND DEBRIS. ALL TOOLS, CONSTRUCTION EQUIPMENT AND MACHINERY, AND SURPLUS MATERIALS SHALL BE KEPT UNDER CONTROL, AND SHALL LEAVE THE WORK SITE CLEAN AND READY FOR OCCUPANCY BY THE COUNTY. ALL APPLICABLE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S REGULATIONS SHALL BE FOLLOWED AT ALL TIMES.
9. INLET OPENINGS SHALL BE KEPT FREE FROM THE DEBRIS GENERATED DURING OPERATIONS. THE CONTRACTOR SHALL USE BETTER MANAGEMENT PRACTICE (BMP'S) AND MUST BE PLACED IN FRONT OF ALL INLET OPENINGS WITHIN THE WORK ZONE. THESE AREAS SHALL BE MAINTAINED ON A DAILY BASIS. CONCRETE SHALL NOT BE WASHED INTO DRAINS OR STORM DRAIN INLETS AT ANY TIME. FAILURE TO ADHERE TO THIS SHALL RESULT IN A REQUEST TO JET OUT AFFECTED PIPES AND DRAINS AT CONTRACTOR'S EXPENSE OR REIMBURSING THE COUNTY FOR THE CLEAN-UP EFFORT CARRIED OUT BY COUNTY PERSONNEL.
10. THE CONTRACTOR SHALL RESTORE TO THE ORIGINAL CONDITION THOSE PORTIONS OF THE WORK SITE NOT DESIGNATED FOR ALTERATION BY THE CONTRACT DOCUMENTS AT NO ADDITIONAL COST TO THE COUNTY.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION, AND FOR NOTIFYING THE VARIOUS UTILITY COMPANIES TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION, DISRUPTION OF SERVICE, OR CLARIFICATION OF UTILITY ACTIVITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING A UTILITY, WHETHER UNDERGROUND OR OVERHEAD, WHETHER SHOWN ON THESE PLANS OR FIELD LOCATED. UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED BY THE RESPECTIVE UTILITY COMPANY. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANY DURING THE REMOVAL AND RELOCATION OPERATIONS, IN ORDER THAT THESE OPERATIONS MAY PROGRESS IN A REASONABLE MANNER AND THAT SERVICE RENDERED BY THESE PARTIES WILL NOT BE INTERRUPTED. ANY DELAY OR INCONVENIENCE BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATES OF UTILITIES PRIOR TO STARTING OPERATIONS. TICKETS SHALL BE KEPT ON SITE AT ALL TIMES. THE CONTRACTOR SHALL NOTIFY RESIDENTS OF ANY DAMAGES (IRRIGATION, UTILITIES, ETC.) AND SHALL REPAIR DAMAGES IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS FOR A PERIOD OF SIX (6) MONTHS AFTER ACCEPTANCE OF THE PROJECT AND WILL BE REQUIRED TO CORRECT ANY FAILURES TO REPAIRED ITEMS AND/OR DAMAGES RELATED TO SUCH REPAIRS. NO ADDITIONAL COMPENSATION WILL BE PROVIDED TO THE CONTRACTOR FOR REPAIR TO DAMAGES AS SPECIFIED ABOVE.
13. PRIOR TO EXCAVATING IN THE VICINITY OF A GAS PIPELINE THE CONTRACTOR SHALL NOTIFY THE GAS UTILITY AND ORANGE COUNTY IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA STATUTES, PROTECTION OF UNDERGROUND PIPELINES, F.S. 553.851, CH. 77-143.
14. THE CONTRACTOR SHALL NOTIFY UTILITIES 72 HOURS PRIOR TO EXCAVATION IN ACCORDANCE WITH THE FLORIDA UNDERGROUND FACILITIES DAMAGE PREVENTION AND SAFETY ACT, F.S. 556.101-116. THE CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL OF FLORIDA A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF WORK. SUNSHINE STATE ONE CALL OF FLORIDA (SSOCOF): 1-800-432-4770.
15. THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTES, CHAPTER 77-153, REGARDING NOTIFICATION OF EXISTING GAS AND OIL PIPELINE COMPANY OWNERS PRIOR TO EXCAVATING.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION CONTROL MEASURES AND ANY DEWATERING AND WATER CONTROL PROCEDURES (INCLUDING PUMPING) REQUIRED FOR SUCCESSFUL COMPLETION OF THE UNDERDRAIN INSTALLATION. DAMAGES INCURRED DUE TO THE CONSTRUCTION OF THE UNDERDRAIN AND RELATED WORK SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR BETTER BY THE CONTRACTOR AT NO COST TO THE COUNTY.
17. ANY DAMAGE TO CURBS, OTHER CONCRETE STRUCTURES AND ROADS RESULTING FROM THE CONTRACTOR'S OPERATIONS AND THAT ARE NOT DESIGNATED TO BE WITHIN THE SCOPE OF WORK AS PART OF THE UNDERDRAIN INSTALLATION SHALL BE REPLACED, NOT PATCHED OR REPAIRED, BY THE CONTRACTOR AT NO COST TO THE COUNTY. SUCH DAMAGED AREAS SHALL BE REPLACED IN ACCORDANCE WITH ORANGE COUNTY AND FDOT SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED IN THIS CONTRACT OR WHERE AUTHORIZED BY THE COUNTY'S REPRESENTATIVE.
18. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE INSPECTION OF OPEN TRENCHES, UNDERDRAIN, PANELS, CURBS, AND OTHER WORK PRIOR TO BACKFILLING, POURING CONCRETE, AND RELATED ACTIVITIES FOR COMPLIANCE WITH REQUIRED DEPTH, WIDTH, THICKNESS, ROOT/DEBRIS REMOVAL, PROPER FRAMING, ETC. UNDERDRAIN SHALL BE BUILT IN STRICT COMPLIANCE WITH CONTRACT SPECIFICATIONS. ALL CONCRETE MUST BE POURED AT A UNIFORM THICKNESS AS SPECIFIED BY THE COUNTY'S REPRESENTATIVE (NO UNDER TOLERANCES WILL BE ALLOWED). THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVAL OF WORK DETERMINED NOT TO BE IN COMPLIANCE WITH THESE REQUIREMENTS AT NO COST TO THE COUNTY.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION. ALL ROADWAYS, DRIVEWAYS ETC., MUST BE KEPT CLEAN AND HAZARD FREE AT ALL TIMES. ROADWAYS MUST BE SWEEPED DAILY TO ENSURE THE SAFETY OF THE MOTORING PUBLIC AND PROTECT EXISTING DRAINAGE SYSTEMS.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TESTING AND DENSITIES REQUIRED AS PER ORANGE COUNTY AND FDOT SPECIFICATIONS AT NO COST TO THE COUNTY.
21. THE CONTRACTOR SHALL FURNISH NECESSARY EQUIPMENT TO SATISFACTORILY PERFORM THE WORK REQUIRED UNDER THIS CONTRACT. THE CONTRACTOR SHALL ENSURE ALL EQUIPMENT USED IN THE PERFORMANCE OF THE CONTRACT ON COUNTY PROPERTY IS IN GOOD SAFE WORKING ORDER AND PROPERLY MAINTAINED IN ORDER TO PROTECT THE OPERATOR AND THE PUBLIC. ALL EQUIPMENT ONSITE (INCLUDING PICKUP TRUCKS) SHALL BE IDENTIFIED WITH THE COMPANY LOGO. LEASED EQUIPMENT SHALL HAVE MAGNETIC SIGNS.
22. ALL EQUIPMENT USED BY THE CONTRACTOR IS SUBJECT TO INSPECTION BY THE COUNTY'S REPRESENTATIVE. ANY EQUIPMENT ON SITE, WHICH IS DEEMED BY THE COUNTY'S REPRESENTATIVE TO BE INOPERABLE, UNSAFE, OR IMPROPER FOR DESIRED USE, MUST BE REMOVED FROM THE PREMISES BY THE CONTRACTOR AT HIS/HER EXPENSE THE SAME DAY OF THE COUNTY'S DETERMINATION.
23. THE CONTRACTOR IS REQUIRED TO USE AMBER FLASHING LIGHTS, BACK-UP ALARMS, ETC. ON ALL EQUIPMENT AND HIS/HER EMPLOYEES MUST BE PROVIDED WITH THE REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AS REQUIRED BY O.S.H.A. AND THE COUNTY.
24. EQUIPMENT AUTHORIZED BY THE COUNTY TO BE LEFT ON THE RIGHT-OF-WAY OR COUNTY PROPERTY AFTER DESIGNATED WORK HOURS SHALL BE PLACED OUTSIDE THE CLEAR AND RECOVERY AREA AND SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. IF EQUIPMENT IS LEFT ON THE RIGHT-OF-WAY, IT SHALL BE MARKED WITH BARRICADES WITH APPROVED STEADY BURNING AMBER LIGHTS.
25. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT CROSS SLOPE AND POSITIVE DRAINAGE IS MAINTAINED AT ALL TIMES DURING OPEN CUT RESTORATION. AREAS DETERMINED NOT TO BE IN COMPLIANCE WITH THIS REQUIREMENT SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO COST TO THE COUNTY.
26. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH AND CONFORM TO THE MOST STRINGENT REQUIREMENTS OF THE PROJECT SPECIFICATIONS, THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2016), FDOT DESIGN STANDARDS (2016), AND SUPPLEMENTS THERETO, AND ORANGE COUNTY ROAD CONSTRUCTION SPECIFICATIONS.
27. PUBLIC LAND CORNERS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED OR DISTURBED, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE COUNTY SURVEYOR, WITHOUT DELAY, BY TELEPHONE 407-836-7940. THE CONTRACTOR SHALL PROVIDE WRITTEN FOLLOW UP CONFIRMATION WITHIN 48 HOURS OF TELEPHONE NOTIFICATION.
28. ANY U.S.C. AND G.S. MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, AND BOTH SHALL NOTIFY:

STATE GEODETIC ADVISOR
c/o FDEP, BUREAU OF SURVEY AND MAPPING
3900 COMMONWEALTH BLVD., MS 105
TALLAHASSEE, FL 32399-300
PHONE 850-245-2606
FAX 850-245-2645
29. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING TEMPORARY DRAINAGE AND MAINTENANCE OF ALL EXISTING RUNOFF DISCHARGES DURING CONSTRUCTION TO AVOID THE TRANSPORT OF SEDIMENT AND ERODIBLE SOILS UNTIL THE WORK HAS BEEN ACCEPTED BY THE COUNTY.
30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A STAGING AREA (APPROVED BY THE ENGINEER) TO STORE EQUIPMENT, SUPPLIES, & MATERIALS, PROVIDE EMPLOYEE PARKING, AND ETC. FOR THE DURATION OF CONSTRUCTION. THE USE OF EXISTING COUNTY EASEMENTS AND RIGHT OF WAY SHOULD BE REQUESTED IN WRITING TO THE COUNTY FOR APPROVAL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP THE HOA INFORMED IN REGARDS TO STAGING AREAS, PROJECT DURATION AND REMOVAL OR REPLACEMENT OF FENCE.
31. VIBRATORY COMPACTION OF ANY KIND SHALL NOT BE ALLOWED DURING CONSTRUCTION. ALLOWABLE COMPACTION METHODS INCLUDE THE USE OF NON-VIBRATORY EQUIPMENT ONLY (E.G., STATIC SMOOTH WHEELED ROLLERS, STATIC PAD ROLLERS, OR OTHER NON-VIBRATORY METHODS). THE CONTRACTOR'S COMPACTION METHODS SHALL BE SUBMITTED TO THE COUNTY FOR WRITTEN APPROVAL PRIOR TO USE.

REVISIONS			PARK MANOR ESTATES SECTIONS 1 - 8 UNDERDRAIN IMPROVEMENTS	 ORANGE COUNTY GOVERNMENT FLORIDA	 <small>Steven M. Sommerfeldt, PE 3000 Dovera Drive, Suite 200 PE No. 64074 Oviedo, Florida 32765 Certificate of Authorization No. 7074 p 407.971.8850</small>	GENERAL NOTES	SHEET NO. 5
DATE	BY	DESCRIPTION					
8/10/16	TWP	ADDED GENERAL NOTE #31					