

## ADDENDUM NO. 2

To the Plans and Specifications for:

### **FY26 Stormwater Improvements**

City of Seminole

1. **BID DATE:** NO CHANGE

Wednesday, February 11, 2026 @ 11:00 A.M.

2. **TECHNICAL SPECIFICATIONS:**

**A. Bid Forms, Bid Tab, Schedule B**

Schedule B has been reissued in its entirety.

The unit for Pay Item B-S-7 has been revised.

**B. Exhibit B, Specifications, Section 01025 – Measurement & Payment**

Section 01025, Measurement & Payment, has been reissued in its entirety.

Clarification has been added for Driveway Reconstruction, Paver (ITEM B-S-5).

3. **PLANS:**

**A. Sheet C 11, General Details**

Details for underdrain cleanouts and wall penetration repair have been added to the plans.

4. **RESPONSE TO SUBMITTED QUESTIONS**

RSQ.1 For location one, both the 2” watermain removal and the existing 24” drainage pipe have X’s indicated in the demolition sheet but only the watermain removal is called out and has a line item in the SOV. Is the 24” drainage pipe to be removed as well?

*The 24” drainage is to be removed. The cost associated with this effort should be incorporated within ITEM A-G-3, as this item includes “stormwater structure and pipe demolition.” Separate payment for stormwater pipe removal will not be provided.*

RSQ.2 For location one, are any additional details available for the “existing high pipe wall penetration to be repaired” as mentioned in the cross section sheet?

*A detail was added to the plans to address this question.*

RSQ.3 For location two, the plans indicate that the curb and gutter are to be protected but there is a line item in the SOV for curb and gutter replacement. Are there additional areas of the project besides the street crossing where the curb and gutter replacement is anticipated to equate to 100 LF?

*All curb and gutter should be protected as indicated in the plans; however, curb replacement is anticipated on each side of 72<sup>nd</sup> Terrace where the underdrain crosses the street. The remaining linear feet can be utilized if additional curb and gutter needs to be replaced as solely determine by the City.*

RSQ.4 For location two, 1 LF of landscaping restoration is mentioned in SOV line item B-5-7. Is the intention for this line item to be lump sum as in project location 1.

*The Schedule B Bid Tab has been reissued along with this addendum with Item B-S-7 quantified as lump sum.*

5. **GENERAL CLARIFICATION / INFORMATION:** NO CHANGE

CITY OF SEMINOLE

February 4, 2026

**Bid Tab**  
**Schedule B (Location 2, 72nd Terrace)**

*No changes shall be made to the Pay Item Quantities contained herein. Any corrections to bidders' entries shall be made in ink and shall be initialed by the bidder*

Pay Item No.	APPROXIMATE QUANTITIES	ITEM & UNIT PRICES BID (PRICES TO BE WRITTEN IN WORDS)	UNIT PRICE	AMOUNT
B-G-1	1 Lump Sum	MOBILIZATION	\$	\$
		Lump Sum		
B-G-2	1 Lump Sum	MAINTENANCE OF TRAFFIC	\$	\$
		Lump Sum		
B-G-3	1 Lump Sum	DEMOLITION / CLEARING & GRUBBING	\$	\$
		Lump Sum		
B-G-4	1 Lump Sum	TREE PROTECTION, ROOT & LIMB PRUNING	\$	\$
		Lump Sum		
B-G-5	1 Lump Sum	EROSION AND SEDIMENT CONTROL	\$	\$
		Lump Sum		
B-DR-1	745 Linear Feet	UNDERDRAIN, 6"	\$	\$
		Per Linear Foot		
B-DR-2	55 Linear Feet	UNDERDRAIN, 6", SOLID PIPE & FITTINGS	\$	\$
		Per Linear Foot		
B-DR-3	3 Each	UNDERDRAIN, 6", CLEANOUT, TERMINAL	\$	\$
		Per Each		
B-DR-4	2 Each	UNDERDRAIN, 6", CLEANOUT, STANDARD	\$	\$
		Per Each		

**Bid Tab**  
**Schedule B (Location 2, 72nd Terrace)**

*No changes shall be made to the Pay Item Quantities contained herein. Any corrections to bidders' entries shall be made in ink and shall be initialed by the bidder*

Pay Item No.	APPROXIMATE QUANTITIES	ITEM & UNIT PRICES BID (PRICES TO BE WRITTEN IN WORDS)	UNIT PRICE	AMOUNT
B-DR-5	2 Each	EXISTING SYSTEM CONNECTION, STRUCTURE	\$	\$
		Per Each		
B-S-1	200 Square Yards	SOD RESTORATION, BAHIA	\$	\$
		Per Square Yard		
B-S-2	655 Square Yards	SOD RESTORATION, ST. AUGUSTINE	\$	\$
		Per Square Yard		
B-S-3	40 Square Yards	ROADWAY RECONSTRUCTION	\$	\$
		Per Square Yard		
B-S-4	130 Square Yards	DRIVEWAY RECONSTRUCTION, CONCRETE	\$	\$
		Per Square Yard		
B-S-5	15 Square Yards	DRIVEWAY RECONSTRUCTION, PAVER	\$	\$
		Per Square Yard		
B-S-6	100 Linear Feet	CONCRETE CURB REMOVAL & REPLACEMENT	\$	\$
		Per Linear Foot		
B-S-7	1 Lump Sum	LANDSCAPING RESOTRATION	\$	\$
		Lump Sum		
B-M-1	10 Cubic Yards	EXCAVATION, UNSUITABLE MATERIAL	\$	\$
		Per Cubic Yard		

**Bid Tab**  
**Schedule B (Location 2, 72nd Terrace)**

*No changes shall be made to the Pay Item Quantities contained herein. Any corrections to bidders' entries shall be made in ink and shall be initialed by the bidder*

Pay Item No.	APPROXIMATE QUANTITIES	ITEM & UNIT PRICES BID (PRICES TO BE WRITTEN IN WORDS)	UNIT PRICE	AMOUNT
B-M-2	12 Each	MAILBOX, REMOVE & RESET	\$	\$
		Per Each		
		<p align="right"><b>TOTAL</b></p> <p><b>(SCHEDULE B)</b> _____</p>		
<p align="right">_____</p> <p align="right">_____</p>				<p align="right">\$ _____</p>

## **Section 01025 Measurement & Payment**

### **Part 1 General**

#### **1.01 Scope of Payment**

Payment to the CONTRACTOR will be made for actual quantities and work completed and accepted in accordance with the Contract.

The CONTRACTOR shall accept in compensation provided herein full payment for furnishing all materials, labor, tools, equipment, and incidentals necessary to complete all work included in the Contract; also for all loss or damage arising from the nature of the work, inclement weather, action of the elements or from any unforeseen difficulties which may be encountered during the execution of the work or except as provided herein. The CITY will make no allowances for Items not included in the proposal.

#### **1.02 Procedure for Measurement**

- A. For lump sum items, payment shall be based on the lump sum prices set forth in the Bid Proposal and based on the amount of completed work.
- B. For field measured unit-price items, payment shall be based on the actual amount of work accepted and the actual amount of materials in place, as will be determined by measurements.

#### **1.03 Estimated Quantities**

All estimated field measure quantities stipulated in the Contract Documents are approximate and are to be used only (a) as a basis for estimating the probable cost of the WORK and (b) for purpose of comparing the bids submitted for the WORK. The actual amounts of WORK done under field measured unit price items may differ from the estimated quantities. The basis of payment for WORK will be the actual amount of WORK performed and field measured.

Should the quantities of unit price items listed in the original Vendor Proposal Form increase or decrease, the prices for these items must be at the unit price quoted by the CONTRACTOR on his original Vendor Proposal Form.

#### **1.04 Incidental Work**

All work shown on the plans and referenced in the specifications as being part of the contract for which no separate pay item is provided is considered incidental to the contract. Incidental items are to be incorporated into the pay items provided. Claims for separate payment of incidental items will not be considered.

#### **1.05 Items Included but Not Specified**

The unit or lump sum prices designated in the Bid Proposal shall include all profit, taxes, labor, overhead, material, equipment, tools, utility notification and coordination, protection of existing utilities, temporary support of existing utilities, irrigation protection/demolition & repair, shoring (proprietary & non-proprietary), sheeting and slope protection (proprietary & non-proprietary), night work when needed, design of sheeting/shoring/slope stabilization, backfill, dewatering, extra backfill material as required, excavation materials, protection and preservation of existing

structures, salvaging of items as shown on the drawings, coordination with City staff and residents, the erection of previously removed fencing and gates, removal and resetting of mailboxes, all pipe preparation necessary for applying plugs in pipes (including barnacle removal), securing a Building Permit and other work incidental thereto and specified in these specifications and on the drawings.

**1.06 Description of Pay Items**

The following describes the measurement of and payment for the work to be done under the respective items listed in the Bid Proposal.

Each field measure unit or lump sum item stated in the Bid Proposal shall constitute full compensation for each item of work completed.

**Mobilization (ITEM A-G-1)**

**Mobilization (ITEM B-G-1)**

The work specified under this Section consists of preparatory work and operation in mobilizing to begin work on the project, including but limited to those operations necessary for the movement of personnel, equipment, supplies and incidentals to the project site(s), and for the establishment of temporary offices, buildings, safety equipment, project sign and first aid supplies, sanitary and other facilities as required by these specifications, special provisions, and state and local laws and regulations. Mobilization costs shall also include the costs of preconstruction videotaping, coordination with residents throughout the project's duration, coordination with City representatives throughout the project's duration, project signs, insurance, bonds, permits (including NPDES and dewatering) and other Contract materials.

The contract unit price will be on a lump sum (LS) unit price. Partial payments will be allowed as outlined below.

PERCENT OF ORIGINAL CONTRACT AMOUNT EARNED	ALLOWABLE PERCENT OF THE LUMP SUM PRICE FOR MOBILIZATION (*)
5	25
10	50
25	75
100	100

**Maintenance of Traffic (ITEM A-G-2)**

**Maintenance of Traffic (ITEM B-G-2)**

This Section consists of maintaining vehicular and pedestrian traffic within the project's limits for the duration of the construction period, in accordance with the requirements of FDOT Section 102 of the "Standard Specifications," as amended herein.

The Contractor will not be permitted to close access to residences or places of business. Provisions shall be made to provide access to large trucks for pick-up and delivery of materials during the construction period. The Contractor shall furnish, erect, and maintain all necessary traffic control and safety devices in accordance with the Florida Department of Transportation "ROADWAY AND TRAFFIC DESIGN STANDARDS", applicable edition, and State of Florida's "MANUAL OF TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION MAINTENANCE AND UTILITY OPERATIONS", applicable edition, and shall

take all necessary precautions for the protection of the work and the safety of the public for duration of the construction period.

A Maintenance of Traffic (MOT) plan shall be submitted to the City, by the Contractor, and approved prior to implementation. This plan shall include all necessary signage and dimensions and be prepared by an Advanced MOT certified party or Florida-registered professional engineer.

The work specified under this Section shall include the furnishing, erection, and maintenance of all temporary traffic barricades of whatever type required and for such duration as may be required and shall include all materials and construction necessary for temporary connections and driveway maintenance. The Contract unit price for this item will be a lump sum unit price. Partial payments for maintenance of traffic will be limited to the overall percent of the work completed by the Contractor.

This pay item shall include multiple setups and modifications, as needed, to satisfactorily perform the work.

This pay item shall include the construction and demolition of temporary ADA-compliant temporary walking surfaces where required to maintain pedestrian access.

**Demolition / Clearing and Grubbing (ITEM A-G-3)**  
**Demolition / Clearing and Grubbing (ITEM B-G-3)**

Payment under this pay item shall be provided on a lump sum basis and include all equipment, material and labor to perform the work. Payment shall include, but not be limited to, the following: demolition of existing roadway, driveways, root and limb pruning if needed, tree removal where specified, stump removal where required, landscaping/sod removal, irrigation removal, removal and temporary storage of items to be reinstalled, protection of existing facilities, stormwater structure and pipe demolition, stormwater pipe abandonment (including plugging), clearing and grubbing, and all incidentals necessary to complete the work.

Hand clearing and grubbing, where required, shall be a component of this pay item.

Payment for Clearing and Grubbing shall be made on a lump sum (LS) basis.

**Tree Protection, Root & Limb Pruning (ITEM A-G-4)**  
**Tree Protection, Root & Limb Pruning (ITEM B-G-4)**

Payment for Tree Protection shall include furnishing, installing and removing tree protection around trees near construction activities where required and as indicated on the construction plans and removal upon completion. Payment shall also include root and limb pruning as required to perform the work. All pruning work shall be performed by an ISI certified arborist.

Payment for tree protection shall be made on a per lump sum (LS) basis.

**Erosion & Sediment Control (ITEM A-G-5)**  
**Erosion & Sediment Control (ITEM B-G-5)**

Price shall include payment for all installation, maintenance, removal, and all other incidentals necessary to provide erosion and sediment control (within the project boundaries) as notated on the plans and as required by any local, state or Federal code, statute or ordinance. Daily debris

removal from right of ways, easements and vehicle use areas shall be included in this pay item.

Payment for this item shall be on a lump sum (LS) basis and shall include all necessary equipment, labor and materials to complete this pay item. The Contractor shall receive compensation for this item as stipulated in the table on the following page.

PERCENT OF ORIGINAL CONTRACT AMOUNT EARNED	ALLOWABLE PERCENT OF THE LUMP SUM PRICE FOR EROSION AND SEDIMENT CONTROL
5	25
10	50
25	75
100	100

**Grated Inlet, FDOT Type F DBI (ITEM A-DR-1)  
 FDOT Concrete Collar (ITEM B-DR-9)**

The above pay items shall include payment for furnishing and installing stormwater structures. Payment for this item shall include, but not be limited to, the following: acquisition of field dimensions, dewatering, excavation, the removal and proper disposal of existing piping to be replaced and/or shown to be removed in the plans, the disposal of excess material, transportation, sheeting, shoring, slope stabilization, protection/support of existing utilities, bedding material, structure modifications, additional piping as needed to extend existing piping and perform a connection, furnishing and installing new infrastructure and incorporation of conflict piping, frame and grate adjustments (as necessary), access covers & grating, grouting, sealing, formwork, reinforcement, the connection of new/existing piping, connections to existing structures, backfilling, backfill material, compaction, grading, testing, protection of work, clean up and any other incidentals required to perform this task.

**18" Culvert (ITEM A-DR-2)  
 24" Culvert (ITEM A-DR-3)  
 Underdrain, 6" (ITEM B-DR-1)  
 Underdrain, 6", Solid Pipe & Fittings (ITEM B-DR-2)**

Payment for pipe culvert (sizes stated above) and underdrain will be paid for at the Contract Unit Price per linear foot for the size pipe installed, based on field measurements. The price paid shall be payment in full for the pipe, gaskets, joint material, external joint wrap, filter fabric, dewatering, all excavation, the disposal of excess material, existing pipe removal and disposal, demolition of surfaces and other features as needed to construct the piping, media (for underdrain), fittings (for underdrain), protection of property and structures, transportation, sheeting, bedding material, backfilling, backfill material, grading, compaction, testing, televising, equipment, labor, materials, protection of work, trench safety precautions, clean up and all other incidentals necessary to complete each item.

The quantity of storm pipe to be paid for shall be based on the laying length of the pipe in linear feet actually placed as measured along the long side of the satisfactorily installed pipe (measured from the outside wall of structures).

All excess material shall be transported offsite at the expense of the Contractor.

**Existing System Connection, Structure (ITEM A-DR-4)**  
**Existing System Connection, Concrete Collar, 18" (ITEM A-DR-5)**  
**Existing System Connection, Concrete Collar, 24" (ITEM A-DR-6)**  
**Existing System Connection, Structure (ITEM B-DR-5)**

The above pay items shall include payment for performing connections to the existing stormwater system. Payment for this item shall include, but not be limited to, the following: acquisition of field dimensions, dewatering, excavation, sheeting, shoring, slope stabilization, protection/support of existing utilities, structure modifications, grouting, sealing, formwork, reinforcement, the connection of new/existing piping, connections to existing structures, concrete collar construction, backfilling, backfill material, compaction, grading, testing, protection of work, clean up and any other incidentals required to perform this task.

**Sod Restoration, Bahia (ITEM A-S-1)**  
**Sod Restoration, Bahia (ITEM B-S-1)**  
**Sod Restoration, St. Augustine (ITEM B-S-2)**

Sod will be paid at the Contract Unit Price per square yard. Price paid shall be payment in full for furnishing and installing sod, topsoil, stakes, all necessary subgrade preparation, grading, fertilizing, watering, rolling and tamping, mowing, maintenance, care, and replacement of defective sod and surplus materials.

Sod shall be measured in square feet of sod installed, in kind, on all disturbed work areas within the limits of construction or as directed in the field by the CITY. Payment for sodding will not be made for disturbed areas not directly related to construction, including equipment and material storage areas. Restoration in these areas shall be at the Contractor's expense.

**Roadway Reconstruction (ITEM A-S-2)**  
**Roadway Reconstruction (ITEM B-S-3)**

Payment for the reconstruction and restoration of roadways shall be made on a per square yard restored basis and shall include all necessary equipment, materials and labor required to complete this item. Work activities to be covered under this pay item shall include, but not be limited to, the following: excavation, removal of excess material, undercutting where required, furnishing fill, subgrade and base material, placement of fill, subgrade and base material per the specifications, compaction of fill, subgrade, and base in accordance with the specifications, stabilization of subgrade, grading as needed to achieve proposed pavement elevations, application of prime and tack coats, furnish and place asphalt, compaction, testing and all incidental items required to complete this pay item. Roadway reconstruction and restoration shall be in compliance with all plan and specification requirements.

**Remove & Reset Existing Fencing, 6', Wood (ITEM A-S-3)**

The above pay item shall include payment for the removal and resetting of fencing removed during construction. Payment for this item shall include, but not be limited to, the following: resident coordination, documenting the condition of all fences removed, removal of existing fencing, protection of existing fencing, construction of temporary fencing, construction of new posts where realignment is needed, resetting of existing fence panels, installation of new fence panels where existing fence panels cannot be reset and any other incidentals required to perform this task. Payment for this item shall be on a per linear foot of fencing removed and

reset basis and shall include all necessary equipment, labor, and materials to complete this pay item.

Separate payment will not be provided for temporary fencing.

The determination regarding whether new fence panels are needed will be made in the field by the City's inspector.

**Landscaping Restoration (ITEM A-S-4)**

**Landscaping Restoration (ITEM B-S-7)**

Payment for this item shall be paid for on a lump sum basis. The price paid shall be full compensation for the reconstruction of landscaping beds/decorative planters removed or altered during construction activities. Payment for this item shall include all CITY and homeowner coordination, removal of existing landscape bed/decorative planter features, temporary storage of removed features (if feasible), replacement of removed features (if necessary), replacement of ground cover as existing prior to construction commencement, and all transportation, dewatering, irrigation replacement/reconnection and all other incidentals required to complete this item.

Replacement hedges shall be the same species as the hedge removed. The Contractor shall replace said hedge with a hedge of a similar size. If a similar-sized hedge cannot be located, the replacement hedge shall be of an industry-standard size. Industry standard size is defined as common hedge sizes available within the Tampa Bay area.

The contract unit price will be on a lump sum basis. Partial payments will not be allowed as outlined in the General Conditions.

**Driveway Reconstruction, Concrete (ITEM B-S-4)**

**Driveway Reconstruction, Paver (ITEM B-S-5)**

Payment for concrete driveways of the thickness specified (6") and paver driveways will be paid for at the Contract unit price per square yard, based on field measurements. The price paid shall be payment in full for dewatering, grading, concrete saw cutting, the removal and disposal of unsuitable material, furnishing and placement of all driveway materials, stockpiling and salvaging existing pavers for reuse, transportation, equipment, labor, subgrade stabilization, compaction, reinforcement, jointing, finishing, material testing and all other incidentals necessary to complete this item.

Field layout, coordination with residents, coordination with the CITY and revisions to field layout are all components of work for driveway restoration (all kinds).

For ITEM B-S-5, resetting removed pavers is not proposed. Contractor shall grade driveway and prepare foundation for pavers to be reset by others. Existing pavers removed shall be protected throughout the duration of the project.

**Concrete Curb Removal & Replacement (ITEM B-S-6)**

Payment for curbing will be paid for at the Contract Unit Price per linear foot, based on field measurements. The price paid shall be payment in full for excavation, construction of crushed concrete curb pad, dewatering, grading, furnishing and placing of all curb materials, transportation, equipment, labor, compaction, formwork, curb transitions, drainage structure transitions and throats, reinforcement, jointing, finishing, providing protection against rain and

cold weather, material testing, protection of work and all other incidentals necessary to complete these items.

The quantity of concrete curb to be paid for shall be determined from field measurements of the amount satisfactorily constructed, measured in linear feet along the front face of the curb.

Expansion joint material, where called for on the plans or required, shall be included in this pay item.

**Excavation, Unsuitable Material (ITEM A-M-1)**  
**Excavation, Unsuitable Material (ITEM B-M-1)**

The above pay item shall include payment for removing (from the site) and properly disposing of material deemed unsuitable for use. Work activities to be covered under this pay item shall include, but not be limited to, the following: coordination with City staff, quantity tracking using a City-approved approach, material testing to confirm suitability of existing site material, excavation, sheeting/shoring/slope protection, separation of suitable and unsuitable material, removal of rocks/boulders/debris from unsuitable material, dewatering of excavated material, temporary storage of material to be onsite, all trucking and transportation costs, furnishing and installing suitable material and all other incidentals necessary to complete this item. Payment for this item shall be on a per cubic yard of unsuitable material excavated, removed, disposed and replaced basis and shall include all necessary equipment, labor and materials to complete this pay item.

It shall be noted that this pay item is only applicable for the removal of material which currently is onsite. Any unsuitable material imported by the Contractor shall be removed (and disposed of) at no additional cost to the City. Written approval from the City/Engineer shall be provided prior to utilization of this pay item.

Measurement for payment for this item shall be per Cubic Yard (CY) of field measurement of volume per truck load or container of material removed and disposed.

**Existing Pipe Removal, 2" (ITEM A-M-2)**

Payment for removing and properly disposing of existing piping shall be paid for per linear foot of pipe removed basis. Payment shall include, but not be limited to, excavation, cutting of existing piping, disposal, hauling, capping of existing segments to remain and all other equipment and materials required to complete the work.

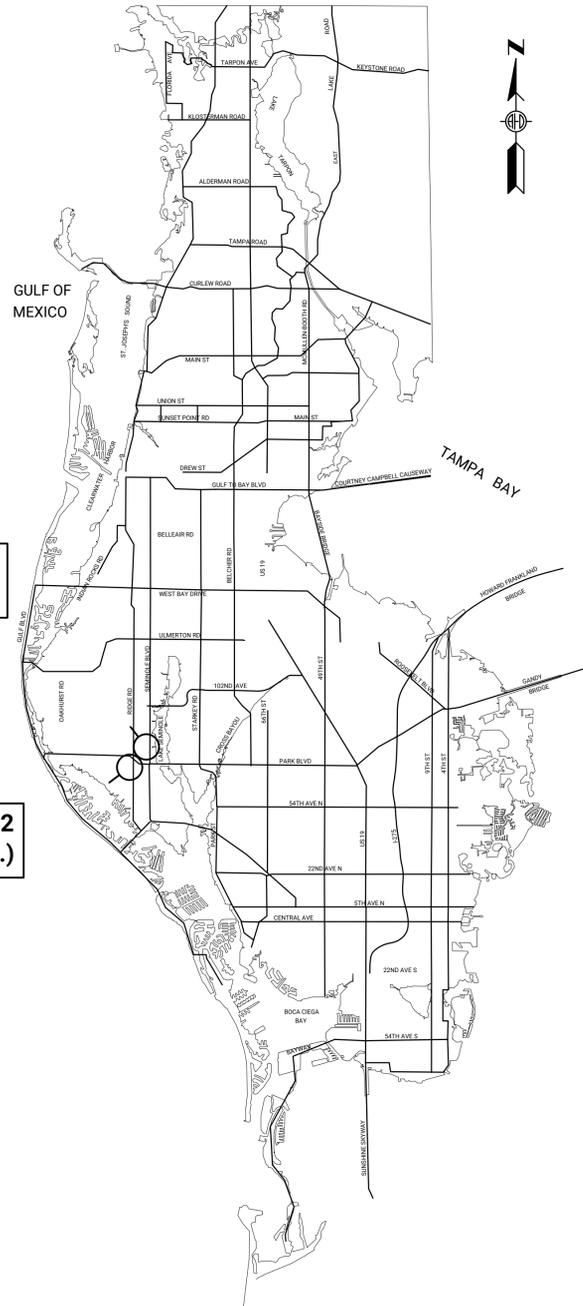
**Mailbox, Remove & Reset (ITEM B-M-2)**

Payment for removing and resetting existing mailboxes shall be provided per each existing mailbox remove and reset. Payment shall include, but not be limited to, the following: property owner coordination, removal of existing mailbox, temporary installation of mailbox as required by the US Postal Service, temporary storage, resetting existing mailboxes and all other equipment and materials required to complete the work.

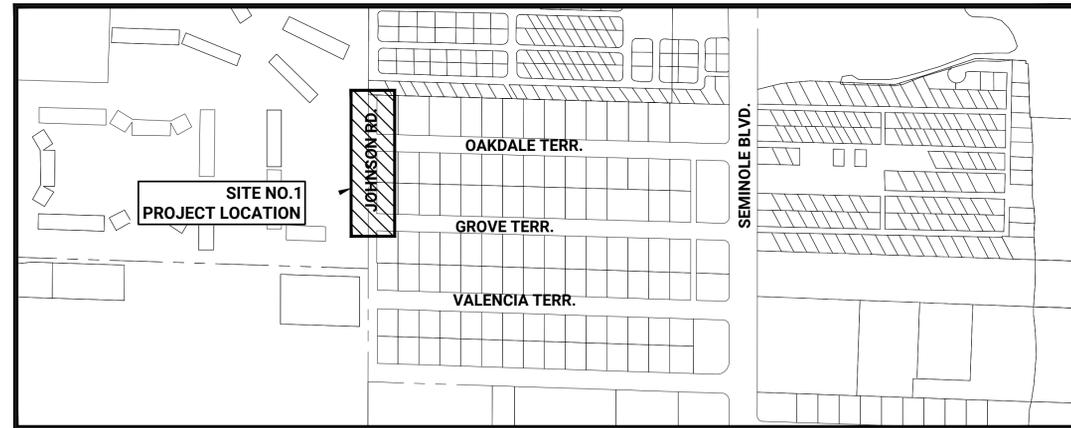
**End of Section**

# CONSTRUCTION PLANS FOR: FY26 STORMWATER IMPROVEMENTS

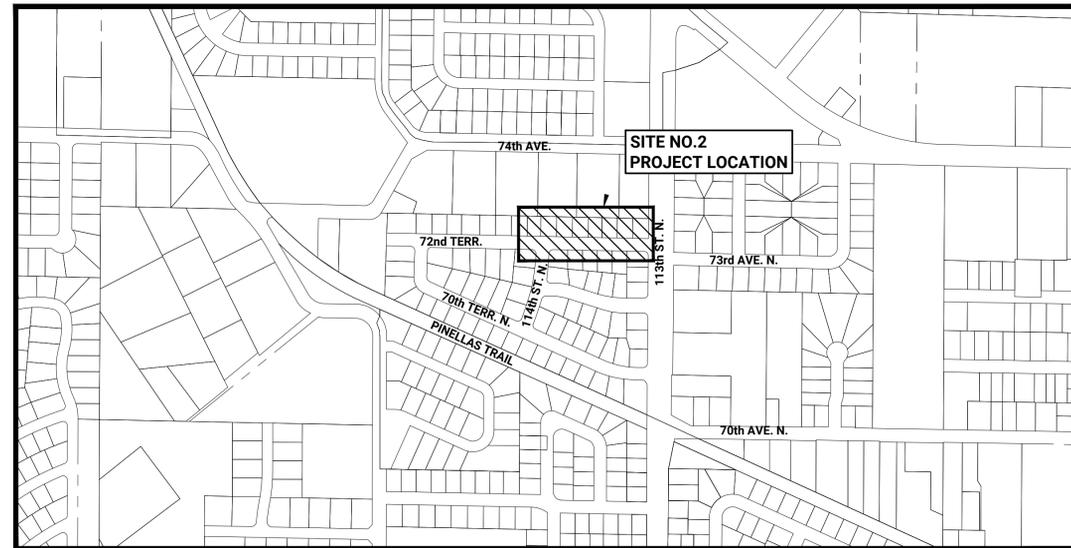
SECTION 27 & 28 TOWNSHIP 30 SOUTH, RANGE 15 EAST  
PINELLAS COUNTY, FLORIDA



**VICINITY MAP**  
N.T.S.



**LOCATION MAP SITE NO. 1 (JOHNSON RD.)**  
SCALE: 1"=400'



**LOCATION MAP SITE NO. 2 (72nd TERRACE)**  
SCALE: 1"=400'



PREPARED FOR:

**CITY OF SEMINOLE**

9199 113TH STREET SEMINOLE FL 33772

DWG. NO.
C1
C2
C3
C4
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C6
C7
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C9
C10-C11



INVESTIGATE BEFORE YOU EXCAVATE

**CALL LOCAL PUBLIC UTILITY NOTIFICATION CENTER**

TOLL FREE  
1-800-432-4770  
MIN. 48 HOURS BEFORE YOU EXCAVATE

Prepared By:



USER: [steven.torres] Date: [Feb 04, 2026] Time: [5:06pm] File Location: [M:\Public\Seminoles\25-SEM-45 (FY26 Stormwater Improvements)\Cadd\Current\SEM-45\_C1.dwg]

**GENERAL NOTES:**

- ANY PROPERTY MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED. IF ANY ARE DISTURBED, CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING.
- LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, ETC. WHICH ARE WITHIN THE PROJECT AREA AND WHICH HAVE BEEN INSTALLED AND CONSTRUCTED SINCE THE PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY, PRIOR TO CONSTRUCTION, THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES AFFECTING HIS WORK (WHETHER OR NOT SHOWN ON THE PLANS).
- ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER NONDESTRUCTIVE INVESTIGATIONS THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED.
- FIELD CONDITIONS MAY NECESSITATE SLIGHT ALIGNMENT AND/OR GRADE DEVIATIONS FROM THOSE WHICH ARE INDICATED ON THE PLANS. ANY DEVIATIONS OR ADJUSTMENTS SHALL FIRST BE APPROVED BY THE ENGINEER BEFORE BEING PERFORMED.
- THE CONTRACTOR SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE VARIOUS UTILITY COMPANIES IN ORDER TO PERMIT THE LOCATION OF EXISTING UNDERGROUND UTILITIES IN ADVANCE OF CONSTRUCTION. CONTACT UTILITIES NOTIFICATION CENTER AT 1-800-432-4770.
- CONTRACTOR SHALL MAINTAIN A CLEAR PATH FOR ALL SURFACE WATER DRAINAGE STRUCTURES AND DITCHES DURING ALL PHASES OF CONSTRUCTION.
- THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH THE PLANS, U.S. DEPARTMENT OF TRANSPORTATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND THE FLORIDA DEPARTMENT OF TRANSPORTATION'S "ROADWAY AND TRAFFIC DESIGN STANDARDS" (ALL LATEST EDITIONS). CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL HAVE THE M.O.T. PLAN APPROVED AT LEAST 48 HOURS PRIOR TO THE START OF WORK. THE M.O.T. SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER OR AN INDIVIDUAL WHO HAS COMPLETED ADVANCED M.O.T. TRAINING. THE M.O.T. PLAN SHALL SHOW ALL HAUL ROUTES, EMERGENCY EXITS AND RESIDENT ACCESS DURING EACH PHASE OF CONSTRUCTION. THE M.O.T. PLAN SHALL SHOW WORDINGS OF ALL SIGNAGE. EXISTING TRAVEL WAYS SHALL BE KEPT OPEN TO TWO-WAY TRAFFIC FOR THE DURATION OF THE PROJECT, EXCEPT ONE LANE OF TRAFFIC WILL BE PERMITTED PROVIDED FLAGMEN ARE USED. THE CONTRACTOR WILL NOT BE PERMITTED TO CLOSE ACCESS TO RESIDENCES OR PLACES OF BUSINESS. PROVISIONS WILL BE MADE TO PROVIDE ACCESS TO CONSTRUCTION VEHICLES FOR PICK-UP AND DELIVERY OF MATERIALS DURING THE CONSTRUCTION PERIOD.
- CONTRACTOR SHALL MAINTAIN A SET OF PLANS WITH CURRENT FIELD CHANGES MARKED. A COMPLETED SET OF "AS-BUILT" PLANS SHALL BE SUBMITTED TO THE CITY PER REQUIREMENTS OF THE SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICTS BETWEEN DRAWINGS AND ACTUAL CONDITIONS ARE DISCOVERED.
- ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY SURVEY WORK INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION STAKEOUT & RECORD DRAWING PREPARATION.
- ALL ROADWAYS AND OPEN RIGHT-OF-WAY AREAS MUST BE CLEANED OF DIRT, DEBRIS AND CONSTRUCTION MATERIALS BY THE END OF EACH WORK SHIFT. ALL CONSTRUCTION AREAS MUST BE SAFELY DELINEATED TO AVOID ACCIDENTS WHILE THE CONTRACTOR IS NOT PRESENT. OVERALL CLEAN UP SHALL BE ACCOMPLISHED BY THE CONTRACTOR IN ACCORDANCE WITH CITY STANDARDS AND THE SPECIFICATIONS OR AS DIRECTED BY THE CITY. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS.
- THE CONTRACTOR SHALL ENDEAVOR TO PROTECT PRIVATE PROPERTY. ANY DAMAGE CAUSED BY THE CONTRACTOR IN THE PERFORMANCE OF HIS WORK SHALL BE CORRECTED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING. NO PAYMENT SHALL BE MADE FOR THIS WORK.
- ANY AND ALL CONSTRUCTION MATERIALS, METHODS AND INSTALLATION SHALL BE IN FULL COMPLIANCE WITH THE SPECIFICATIONS.
- CONTRACTOR SHALL MAINTAIN ACCESS FOR ALL EMERGENCY VEHICLES TO RESIDENTIAL AND COMMERCIAL PROPERTIES AT ALL TIMES.
- CONTRACTOR SHALL REMOVE AND RESET ALL EXISTING SIGNS THAT ARE IN CONFLICT WITH PROPOSED CONSTRUCTION. RESET LOCATIONS SHALL BE APPROVED BY THE CITY.
- THE CONTRACTOR SHALL FULLY RESTORE ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES.
- EXISTING CONCRETE CURB WHICH IS DISTURBED SHALL BE REPLACED IN-KIND.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING AND SHORING (PROPRIETARY & NON-PROPRIETARY) AS NECESSARY. DEWATERING SHALL BE UTILIZED AS REQUIRED TO KEEP TRENCHES AND EXCAVATIONS DRY THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE GENERAL PUBLIC'S SAFETY WHEN CONSTRUCTION EXCAVATIONS ARE LEFT UNATTENDED. EXCAVATIONS SHALL HAVE TEMPORARY SAFETY FENCING PLACED AROUND THE PERIMETER OF THE EXCAVATION. EXCAVATION PROTECTION MEASURES SHALL BE COMPLETED PRIOR TO CONSTRUCTION PERSONNEL LEAVING THE SITE THROUGHOUT THE DURATION OF CONSTRUCTION.
- ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "FLORIDA TRENCH SAFETY ACT". THE CONTRACTOR SHALL ENSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH ALL OSHA REGULATIONS.
- ALL VALVE BOXES, MANHOLE FRAMES, CLEAN-OUTS, IRRIGATION BOXES, ETC. SHALL BE ADJUSTED TO MATCH FINISHED GRADES. FOR MANHOLE FRAME ADJUSTMENTS, UTILIZE CONCRETE ADJUSTMENT RINGS AS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE OR PERFORM TEMPORARY SUPPORT ACTIVITIES FOR UTILITY POLES AS NEEDED.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE A HURRICANE PREPARATION PLAN TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION.
- THE CITY WILL ONLY PERMIT THE USE OF SELECT FILL WHEN FILL IS IMPORTED TO ACHIEVE THE PROPOSED GRADES. SELECT FILL SHALL BE CLASSIFIED AS A-1 OR A-3 SOILS PER AASHTO M 145. THE CONTRACTOR SHALL SUBMIT DOCUMENTATION ON THE CLEAN FILL MATERIAL AS A SHOP DRAWING.
- SELECT FILL IN SOD AREAS SHALL CONTAIN AMPLER ORGANIC MATTER (<2.5%) TO FACILITATE GROUND COVER GROWTH. ORGANIC CONTENT SHALL NOT EXCEED 5% (MAX.).
- ANY TEMPORARY FENCING USED SHALL BE INSTALLED AND REMOVED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL PROTECT EXISTING MAILBOXES DURING CONSTRUCTION. IN THE EVENT THAT A RESIDENT'S MAILBOX NEEDS TO BE TEMPORARILY REMOVED FOR CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL PROVIDE A MEANS FOR RESIDENTS TO RECEIVE MAIL DURING THE COURSE OF CONSTRUCTION ACTIVITIES AND RESET THE MAILBOX AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED IN THE IMMEDIATE AREA.

**EROSION & SEDIMENT CONTROL/DEWATERING:**

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE WHATEVER MEANS NECESSARY TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT TO SURFACE WATERS & DRAINS DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE EROSION CONTROL/ SEDIMENTATION BARRIERS AS SHOWN ON THE PLANS OR AS DIRECTED IN THE FIELD, TO PREVENT SILT EROSION DUE TO CONSTRUCTION ACTIVITIES. THESE DEVICES SHALL BE INSPECTED AND MAINTAINED ON A DAILY BASIS.
- IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION OR OTHER ACCEPTED METHOD.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRODUCE A "STORMWATER POLLUTION PREVENTION PLAN" (SWPPP) AND OBTAIN COVERAGE UNDER A "NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM" (NPDES) PERMIT BEFORE CONSTRUCTION PROCEEDS. A "NOTICE OF INTENT" (NOI) FORM SHALL BE COMPLETED AND SUBMITTED TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP). A COPY OF THE SUBMITTED SWPPP AND NOI SHALL BE PROVIDED TO THE CITY PRIOR TO THE NOTICE OF COMMENCEMENT. FOR MORE INFORMATION, CONTACT 850-245-7520 OR VISIT THE FOLLOWING WEB SITE: [www.dep.fl.us/water/stormwater/npdes/index.htm](http://www.dep.fl.us/water/stormwater/npdes/index.htm).
- THE CONTRACTOR SHALL PLACE SILT FENCING AROUND THE PERIMETER OF ALL STAGING & MATERIAL STORAGE AREAS.
- DURING CONSTRUCTION, NEW INLETS SHALL HAVE INLET PROTECTION DEVICES INSTALLED UNTIL CONSTRUCTION IS COMPLETE.
- THE CONTRACTOR SHALL INCORPORATE WASHDOWN AREAS OR SOIL TRACKING SYSTEMS INTO THE EROSION CONTROL PLAN IN AN EFFORT TO KEEP SEDIMENT OFF OF PUBLIC ROADWAYS. SOIL TRACKING SYSTEMS SHALL USE FDOT SIZE #1 AGGREGATE AND BE A MINIMUM OF 4" THICK.
- SEDIMENT SHALL BE REMOVED FROM VEHICLE USE AREAS ON A DAILY BASIS.
- ANY DEWATERING ACTIVITY THAT DISCHARGES PRODUCED GROUNDWATER TO WATERS OF THE STATE OR ANY MS4 SHALL BE PERMITTED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP). THE CONTRACTOR WILL BE RESPONSIBLE FOR GROUNDWATER TESTING, THE PREPARATION OF A GROUNDWATER REMEDIATION PLAN FOR DEWATERED FLOWS, PERMITTING OF THIS PLAN THROUGH THE FDEP AND IMPLEMENTATION OF THIS PLAN. PLEASE REFERENCE THE SPECIFICATIONS TO VIEW GROUNDWATER TESTING RESULTS. IT SHALL BE NOTED THAT ADDITIONAL PAYMENT WILL NOT BE PROVIDED IN THE EVENT CONCENTRATIONS IDENTIFIED IN THE SPECIFICATIONS ARE LESS THAN THE CONCENTRATIONS OBSERVED IN THE FIELD.
- PRIOR TO THE NOTICE TO PROCEED, THE CONTRACTOR SHALL COMPLETE ILLICIT DISCHARGE TRAINING. THIS IS A STATEWIDE REQUIREMENT. AT LEAST ONE PERSON WHO HAS RECEIVED THE TRAINING MUST BE PRESENT AT THE CONSTRUCTION SITE. THERE ARE A FEW OPTIONS TO RECEIVE THE TRAINING:
  - THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION IS CREATING AN ONLINE ILLICIT DISCHARGE TRAINING PROGRAM. IF THIS COURSE HAS BEEN COMPLETED, PLEASE PROVIDE THE CERTIFICATION NUMBERS OF THE APPLICABLE PERSONNEL.
  - OTHER MUNICIPALITIES IN FLORIDA HAVE THE SAME REQUIREMENT. PROVIDE EVIDENCE THAT APPLICABLE PERSONNEL HAVE RECEIVED TRAINING THROUGH ANOTHER MUNICIPALITY OR SOURCE.

**PAVING & GRADING NOTES:**

- ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS, ETC.) SHALL BE EXCAVATED AND REMOVED FROM THE SITE. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
- CRUSHED CONCRETE SHALL MEET FDOT GRADATION AND MATERIAL COMPOSITION REQUIREMENTS.
- THE CONTRACTOR SHALL RESTORE THE ROADWAY TO THE PRE-CONSTRUCTION ELEVATIONS UNLESS SPECIFIED OTHERWISE.
- THE CONTRACTOR SHALL SAW CUT THE EXISTING ASPHALT DRIVEWAYS TO BE REMOVED IN LOCATIONS WHERE CONCRETE DRIVEWAYS ARE PROPOSED. SAW CUTS SHALL BE CLEAN AND STRAIGHT.
- THE CONTRACTOR SHALL SAW CUT THE EXISTING ASPHALT ROADWAY IN AREAS WHERE PROPOSED STORMWATER PIPING IS CROSSING THE ROADWAY. SAW CUTS SHALL BE CLEAN AND STRAIGHT. THE CONTRACTOR SHALL USE SHEETING/SHORING/TRENCH PROTECTION MEASURES AS NEEDED TO ENSURE LIMITS OF ROADWAY RESTORATION ARE NOT INCREASED.
- THE CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
- ALL PROPOSED ELEVATIONS REPRESENT FINISHED GRADE AFTER SOD REPLACEMENT

**STORMWATER BYPASS:**

- THE CONTRACTOR SHALL PREPARE AND SUBMIT (FOR CITY APPROVAL) A STORMWATER BYPASS PLAN DEPICTING HOW STORMWATER FLOWS WILL BE MANAGED DURING CONSTRUCTION. THE PLAN SHALL INCLUDE CONTINGENT PROVISIONS IN THE EVENT STORM FLOWS EXCEED THE CAPACITY OF THE BYPASS SYSTEM. UNOBSTRUCTED FLOW THROUGH THE EXISTING AND/OR PROPOSED STORMWATER SYSTEMS WILL LIKELY BE NEEDED DURING MORE SIGNIFICANT STORM EVENTS.
- THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMISSIONS TO PLACE BYPASS PUMPS AND ASSOCIATED EQUIPMENT ON PRIVATE PROPERTY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND REMOVAL OF ALL TEMPORARY STRUCTURES ASSOCIATED WITH STORMWATER BYPASS AND OTHER CONSTRUCTION ACTIVITIES.

**DRAINAGE NOTES:**

- ALL STRUCTURE DIMENSIONS LISTED ARE INTERNAL DIMENSIONS. NO PRECAST STRUCTURES SHALL BE ORDERED UNTIL THE DESIGN ENGINEER HAS REVIEWED AND APPROVED SHOP DRAWINGS SUBMITTED BY THE CONTRACTOR.
- ALL PIPES SHALL HAVE ALL JOINTS WRAPPED WITH A FILTER FABRIC JACKET PER FDOT INDEX 430-001.
- CONTRACTOR SHALL MODIFY AND FULLY RESTORE EXISTING CATCH BASINS AND INLETS AS REQUIRED FOR THE INSTALLATION AND / OR REMOVAL OF STORM PIPE. THIS SHALL INCLUDE THE REMOVAL OF EXISTING PIPING, SAWING, CORING, WALL REPAIRS AND FLOW CHANNEL/BENCH RESTORATION. CONTRACTOR SHALL USE CAUTION SO AS NOT TO DAMAGE EXISTING STRUCTURES.
- THE CONTRACTOR SHALL FIELD CONFIRM EXISTING STORMWATER PIPE INVERTS WHERE AN EXISTING PIPE IS PROPOSED TO BE CONNECTED TO A NEW STRUCTURE.
- BENCHES SHALL BE POURED IN STRUCTURES PER FDOT INDEX NO. 425-001.
- STRUCTURE & PIPE CULVERTS SHALL BE FURNISHED & INSTALLED PER FDOT SPECIFICATION SECTION 125 (EXCAVATION FOR STRUCTURES AND PIPE), SECTION 425 (INLETS, MANHOLES, AND JUNCTION BOXES) AND SECTION 430 (PIPE CULVERTS).
- LASER PROFILING WILL NOT BE REQUIRED.

**CLEARING & SITE PREPARATION NOTES:**

- THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE AREAS NECESSARY FOR CONSTRUCTION. ALL DISTURBED AREAS MUST BE RESTORED IMMEDIATELY FOLLOWING CONSTRUCTION OR AS INDICATED ON THE PLANS.
- ANY UNUSED EXCESS GROUND MATERIAL STRIPPED DURING CLEARING AND GRUBBING ACTIVITIES SHALL BE REMOVED FROM THE PROJECT SITES.
- ALL CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS.
- THE CONTRACTOR SHALL NOTE THAT THERE ARE BURIED TELEPHONE, BURIED ELECTRICAL, WATER AND SANITARY SEWER SERVICES NEAR PROJECT SITES. THESE FACILITIES SHALL BE ACCURATELY FIELD LOCATED PRIOR TO ANY CLEARING AND GRUBBING WORK AND SHALL BE PROTECTED THROUGHOUT CONSTRUCTION ANY DAMAGE TO THESE FACILITIES WILL BE PROMPTLY CORRECTED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SPRINKLER SYSTEMS. COORDINATE WITH EACH PROPERTY OWNER TO TEST THE SPRINKLER SYSTEM ONCE REPAIRS ARE MADE. ALL WORK MUST MEET THE APPROVAL OF THE PROPERTY OWNER AND CITY REPRESENTATIVE.

**SURVEYOR'S REPORT (JOHNSON RD.)**

- NO UNDERGROUND INSTALLATIONS OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN.
- NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHT OF WAY AND/OR OWNERSHIP WERE FURNISHED TO THIS SURVEYOR EXCEPT AS SHOWN.
- THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
- USE OF THIS SURVEY BY ANYONE OTHER THAN THOSE PREPARED FOR WILL BE THE RE-USERS SOLE RISK WITHOUT LIABILITY TO THE SURVEYOR.
- THERE MAY BE ITEMS DRAWN OUT OF SCALE TO GRAPHICALLY SHOW THEIR LOCATION.
- THE SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE COMMITMENT AND IS SUBJECT TO EASEMENTS, RIGHTS-OF-WAY AND SIMILAR MATTERS OF TITLE.
- NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
- THE HORIZONTAL DATUM IS TIED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM (GRID), WEST ZONE NORTH AMERICAN DATUM 1983, ADJUSTMENT 2011.
- ELEVATIONS SHOWN HEREON ARE IN FEET AND REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988. (N.A.V.D.) REFERENCE BENCHMARK No.1: SEMINOLE T, ELEVATION = 35.01'.
- THIS SURVEY IS FOR TOPOGRAPHIC PURPOSES AND IS NOT A BOUNDARY SURVEY.
- SUBJECT PROPERTY LIES IN FLOOD ZONE X ACCORDING TO FEMA MAP PANEL 12103C0183H, EFFECTIVE DATE 8/24/2021.
- BEARINGS AND DISTANCES ARE MEASURED UNLESS OTHERWISE NOTED.
- BASIS OF BEARING IS GRID NORTH.

**SURVEYOR'S REPORT (72nd TERRACE)**

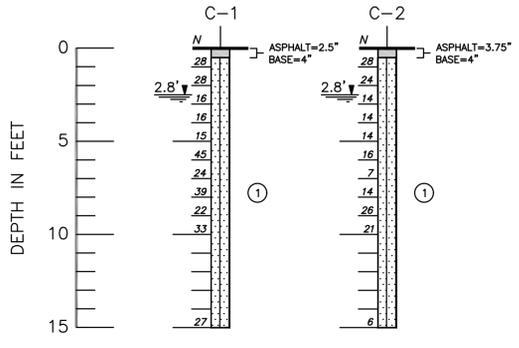
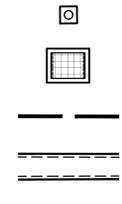
- NO UNDERGROUND INSTALLATIONS OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN.
- NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHT OF WAY AND/OR OWNERSHIP WERE FURNISHED TO THIS SURVEYOR EXCEPT AS SHOWN.
- THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
- USE OF THIS SURVEY BY ANYONE OTHER THAN THOSE PREPARED FOR WILL BE THE RE-USERS SOLE RISK WITHOUT LIABILITY TO THE SURVEYOR.
- THERE MAY BE ITEMS DRAWN OUT OF SCALE TO GRAPHICALLY SHOW THEIR LOCATION.
- THE SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE COMMITMENT AND IS SUBJECT TO EASEMENTS, RIGHTS-OF-WAY AND SIMILAR MATTERS OF TITLE.
- NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
- THE HORIZONTAL DATUM IS TIED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM (GRID), WEST ZONE NORTH AMERICAN DATUM 1983, ADJUSTMENT 2011.
- ELEVATIONS SHOWN HEREON ARE IN FEET AND REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988. (N.A.V.D.) REFERENCE BENCHMARK No.1: SEMINOLE T, ELEVATION = 35.01'.
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- BEARINGS AND DISTANCES ARE MEASURED UNLESS OTHERWISE NOTED.
- BASIS OF BEARING IS GRID NORTH.

**LEGEND AND ABBREVIATIONS:**

- |   |   |
|---|---|
| FCM = FOUND CONCRETE MONUMENT           | LB = LICENSED BUSINESS                      |
| FIP = FOUND IRON PIPE                   | ORB = OFFICIAL RECORDS BOOK                 |
| FIR = FOUND IRON ROD                    | PB = PLAT BOOK                              |
| FPK = FOUND PK NAIL                     | PG = PAGE                                   |
| FCIR = FOUND CAPPED IRON ROD            | (C) = CALCULATED                            |
| POB = POINT OF BEGINNING                | (D) = DEED OR DESCRIPTION CALL              |
| POC = POINT OF COMMENCEMENT             | (F) = FIELD MEASUREMENT                     |
| PRM = PERMANENT REFERENCE MONUMENT      | (P) = PLATTED MEASUREMENT OR CALL           |
| SIR = SET 5/8" IRON ROD PSM #5489       | (PA) = PROPERTY APPRAISER                   |
| PSM = PROFESSIONAL SURVEYOR AND MAPPER  | (O/A) = OVERALL                             |
| Δ = DELTA                               | (N.C.F.) = NO CORNER FOUND                  |
| R = RADIUS                              | (R) = REPORTED                              |
| A = ARC                                 | FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION |
| C = CHORD                               | A/C = AIR CONDITIONER                       |
| CB = CHORD BEARING                      | D/W = DRIVEWAY                              |
| S/W = SIDEWALK                          | R/W = RIGHT-OF-WAY                          |
| W/C = WITNESS CORNER                    | ○ = POWER POLE                              |
| BLDG = BUILDING                         | ⊗ = POWER POLE WITH TRANSFORMER             |
| MES = METERED END SECTION               | ☀ = LIGHT POLE                              |
| CONG = CONCRETE                         | ⊙ = GUY ANCHOR                              |
| COV = COVERED                           | ⊘ = GROUND LIGHT                            |
| EL = ELEVATION                          | ⊙ = STORM MANHOLE                           |
| INV = INVERT ELEVATION                  | ⊙ = SIGN                                    |
| TBM = TEMPORARY BENCHMARK               | ⊙ = IRRIGATION CONTROL VALVE                |
| NGVD = NATIONAL GEODETIC VERTICAL DATUM | ⊙ = IRRIGATION GATE VALVE                   |
| OHW = OVERHEAD WIRES                    |   |
| ☐ = MAILBOX                             |   |
| ⊙ = SIGN                                |   |
| ⊙ = IRRIGATION CONTROL VALVE            |   |
| ⊙ = IRRIGATION GATE VALVE               |   |

**TREE LEGEND**

- ◆ CAMPOR TREE (SIZE AS NOTED)
- ▲ CEDAR TREE (SIZE AS NOTED)
- CYPRESS TREE (SIZE AS NOTED)
- MAPLE TREE (SIZE AS NOTED)
- MULBERRY TREE (SIZE AS NOTED)
- OAK TREE (SIZE AS NOTED)
- ★ PALM TREE (SIZE AS NOTED)
- ▲ PINE TREE (SIZE AS NOTED)
- ◇ PUNK TREE (SIZE AS NOTED)



**LEGEND:**  
 ⊙ BROWN TO VERY DARK BROWN & LIGHT BROWNISH GRAY TO GRAYISH BROWN FINE SAND TO SLIGHTLY SILTY FINE SAND (SP/SP-SM)  
 (SP) UNIFIED SOIL CLASSIFICATION SYSTEM GROUP SYMBOL  
 1.0' MEASURED DEPTH TO GROUNDWATER, NOVEMBER 6, 2025  
 N STANDARD PENETRATION RESISTANCE, IN BLOWS PER FOOT

**SOIL PROFILES (SITE 1, JOHNSON RD.)**  
 SCALE: 1"=5'

NO.	REVISIONS	BY	DATE

SCALE:	N/A
DRAWN:	S.A.T.
DESIGNED:	A.E.D.
APPROVED:	J.V.K.

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**CITY OF SEMINOLE**  
**FY26 STORMWATER IMPROVEMENTS**

**GENERAL NOTES & LEGENDS**

USER: [Steven.torres] Date: [Feb 04, 2026] Time: [5:06pm] File Location: [M:\Public\Seminoles\25\SEM-45 (FY26 Stormwater Improvements)\Cadd\Current\SEM-45\_C3 Keymap-Control.dwg]



**JOHNSON ROAD (SITE 1)**

SCALE: 1"=20'



**72nd TERRACE (SITE 2)**

SCALE: 1"=20'

NO.	REVISIONS	BY	DATE

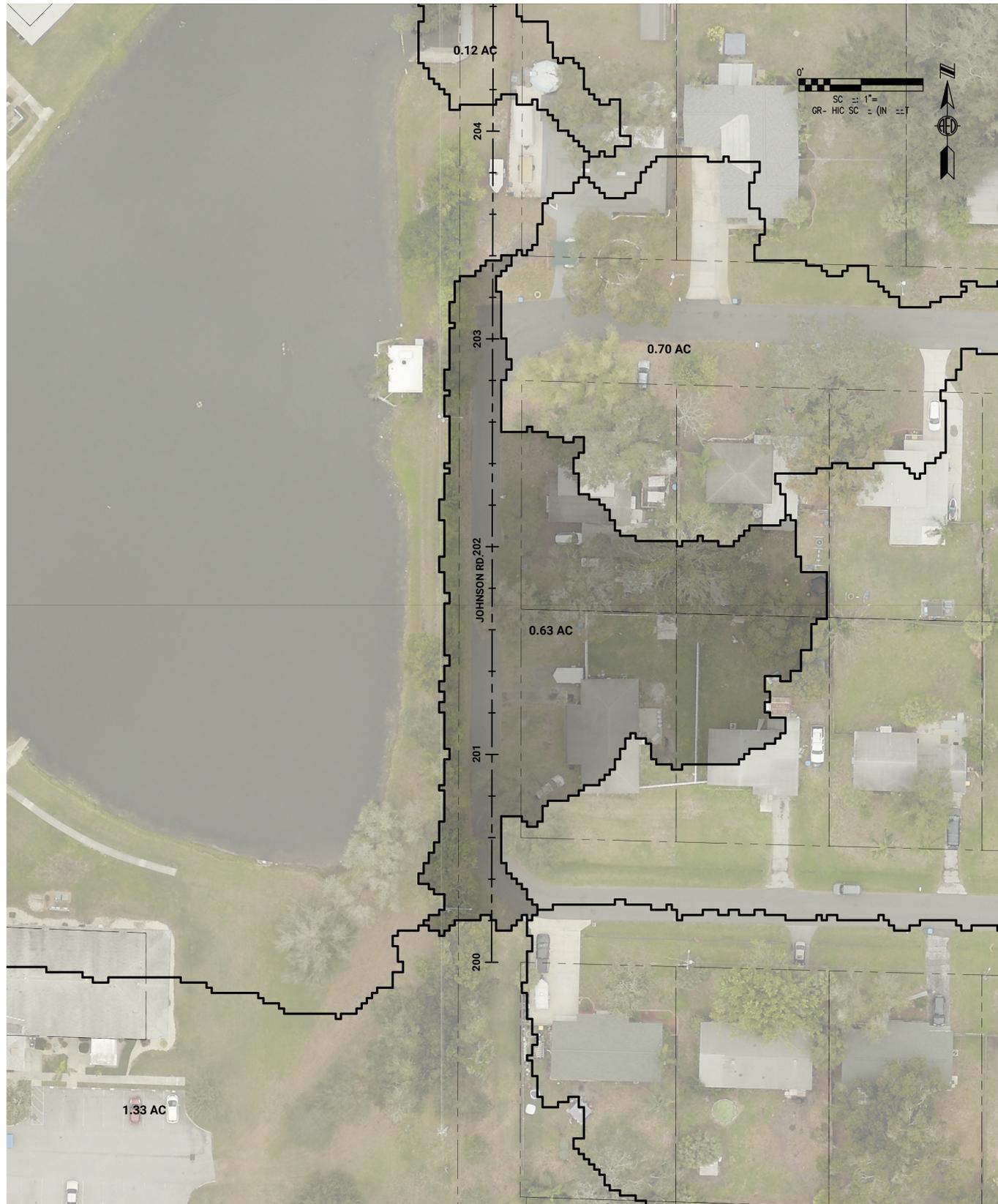
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 DRAWN: S.A.T.  
 DESIGNED: A.E.D.  
 APPROVED: J.V.K.

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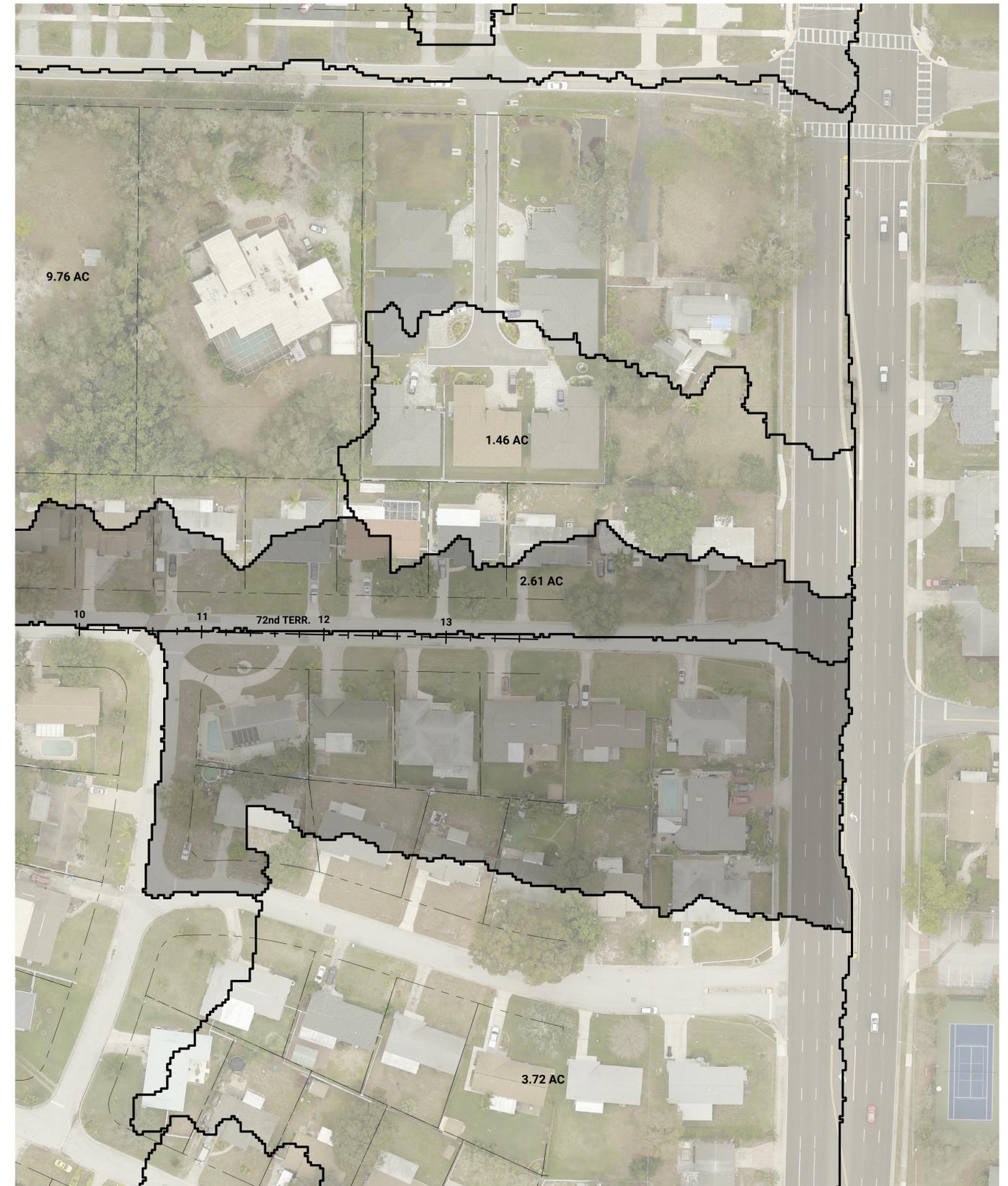


**CITY OF SEMINOLE**  
 FY26 STORMWATER IMPROVEMENTS

**KEY MAP & CONTROL PANEL**



**JOHNSON ROAD (SITE 1)**  
SCALE: 1"=30'



**72nd TERRACE (SITE 2)**  
SCALE: 1"=50'

USER: [Steven.torres] Date: [Feb 04, 2026] Time: [5:06pm] File Location: [M:\Public\Seminoles\25\SEM-45 (FY26 Stormwater Improvements)\Cadd\SEM-45\_C4 BASIN.dwg]

NO.	REVISIONS	BY	DATE

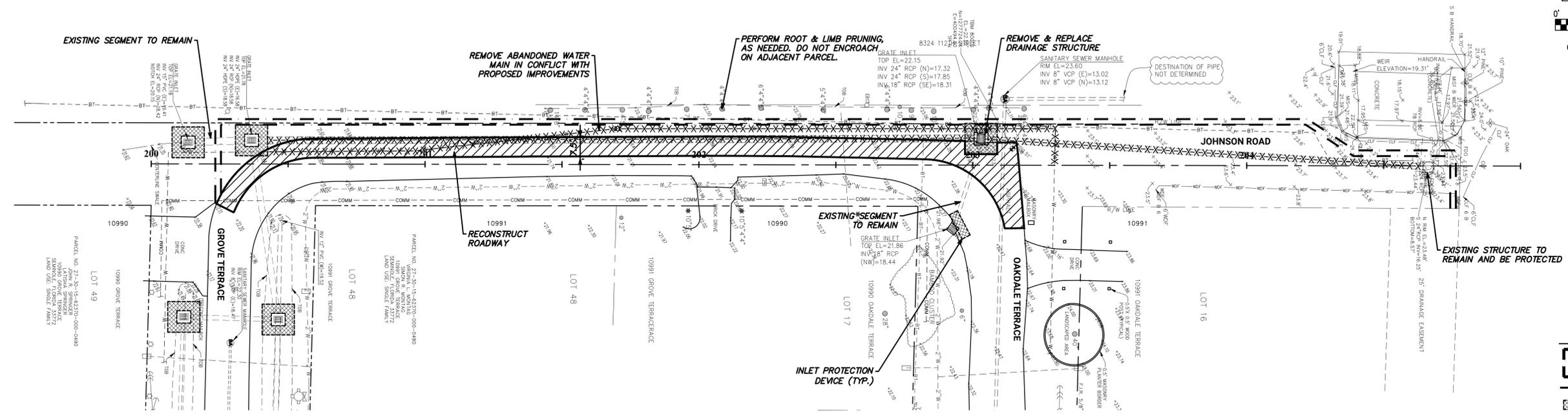
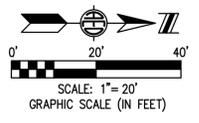
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 DESIGNED: A.E.D.  
 APPROVED: J.V.K.

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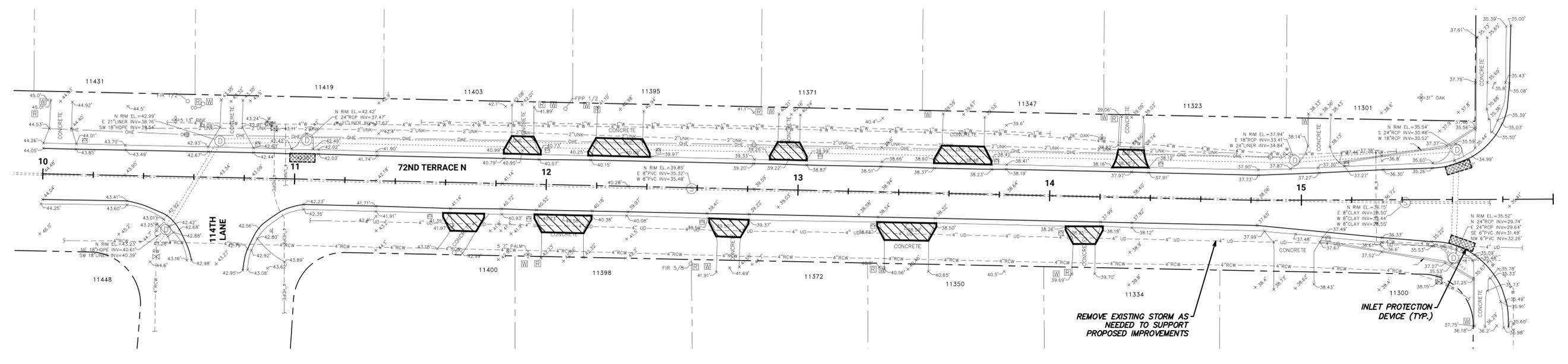
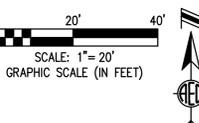


**CITY OF SEMINOLE**  
 FY26 STORMWATER IMPROVEMENTS

**DRAINAGE BASIN MAP**



**JOHNSON ROAD (SITE 1)**  
SCALE: 1"=20'



**72nd TERRACE (SITE 2)**  
SCALE: 1"=20'

USER: [steven.torres] Date: [Feb 04, 2026] Time: [5:07pm] File Location: [M:\Public\seminole\25\SEM-45 (FY26 Stormwater Improvements)\Cadd\Current\SEM-45\_C5 DEMO.dwg]

NO.	REVISIONS	BY	DATE

SCALE: AS SHOWN  
DRAWN: S.A.T.  
DESIGNED: A.E.D.  
APPROVED: J.V.K.

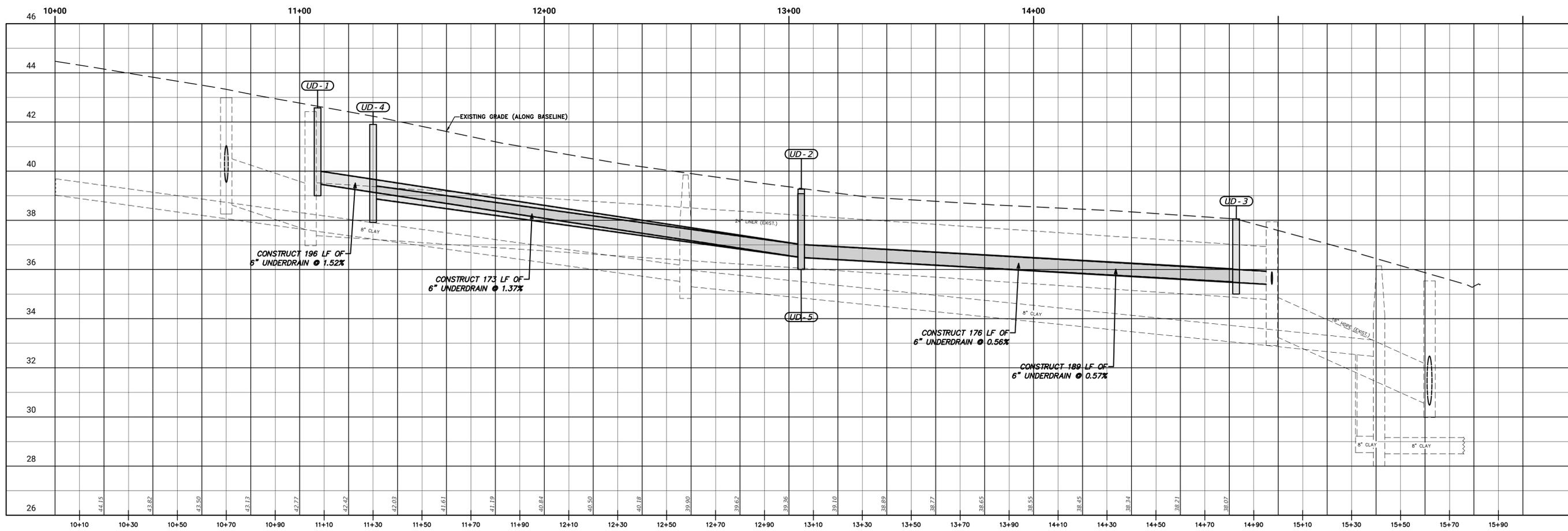
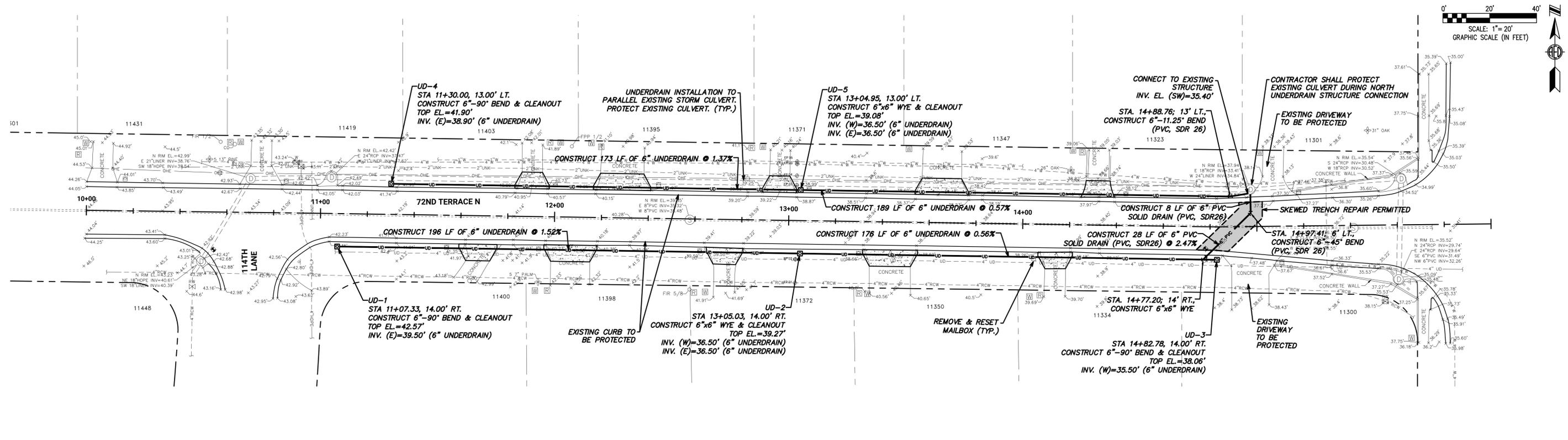
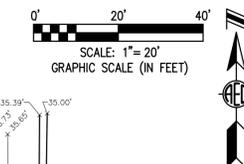
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**CITY OF SEMINOLE**  
FY26 STORMWATER IMPROVEMENTS

**DEMOLITION, EROSION & SEDIMENT CONTROL PLAN**





USER: [steven.torres] Date: [Feb 04, 2026] Time: [5:07pm] File Location: [M:\Public\Seminoles\25\SEM-45 (FY26 Stormwater Improvements)\Cadd\Current\SEM-45\_C6 P&P.dwg]

NO.	REVISIONS	BY	DATE

1"=20' (HORZ.)  
 SCALE: 1"=2' (VERT.)  
 DRAWN: S.A.T.  
 DESIGNED: A.E.D.  
 APPROVED: J.V.K.

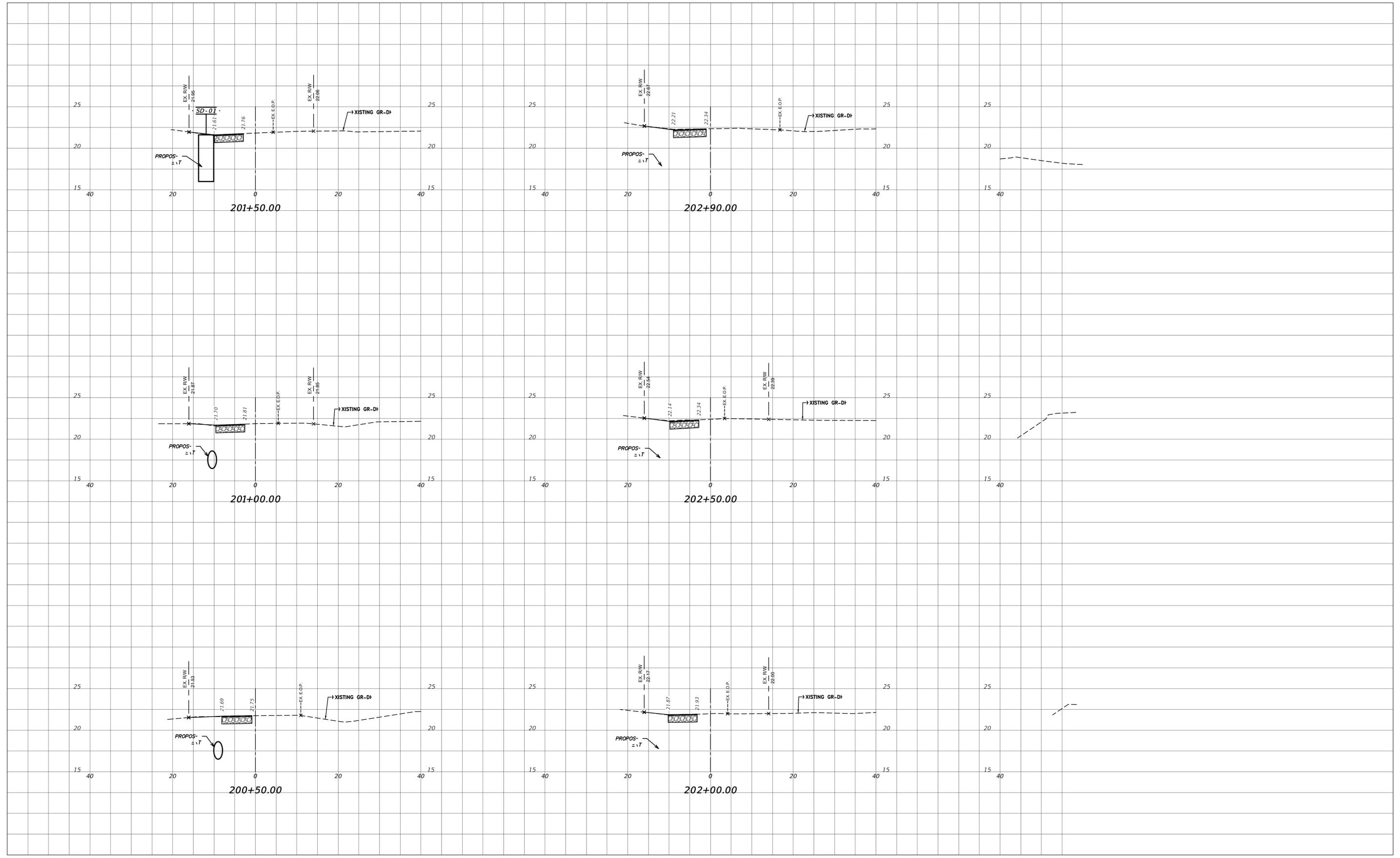
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**CITY OF SEMINOLE**  
 FY26 STORMWATER IMPROVEMENTS

**PLAN & PROFILE**  
**(72ND TERRACE)**

USER: steven.torres Date: Feb 04, 2026 Time: 5:07pm File Location: [M:\Public\Seminoles\25 SEM-45 (FY26 Stormwater Improvements)\Cadd\Current\SEM-45\_C9 XSECTIONS.dwg]



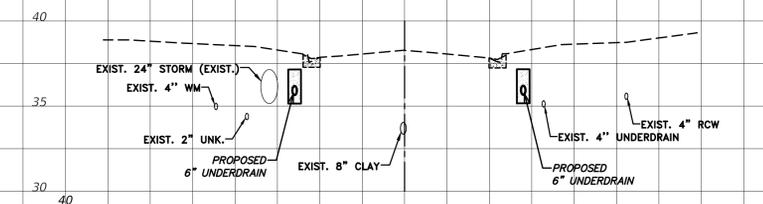
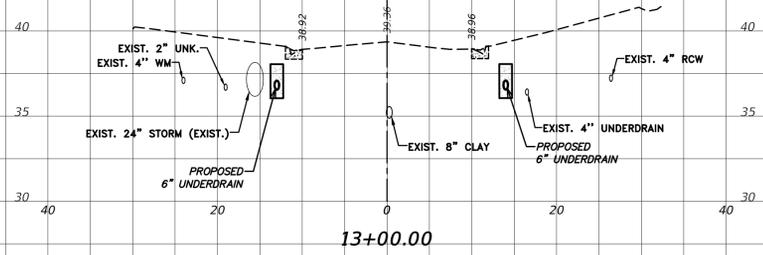
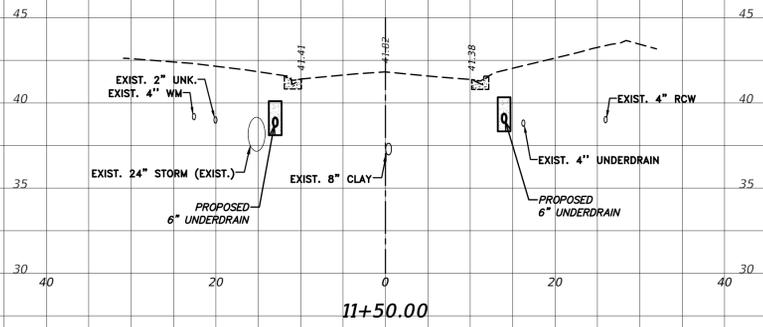
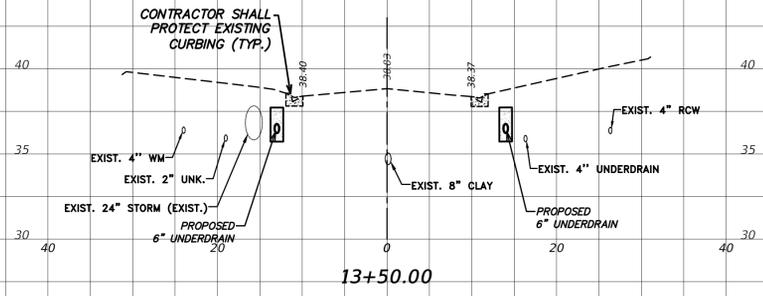
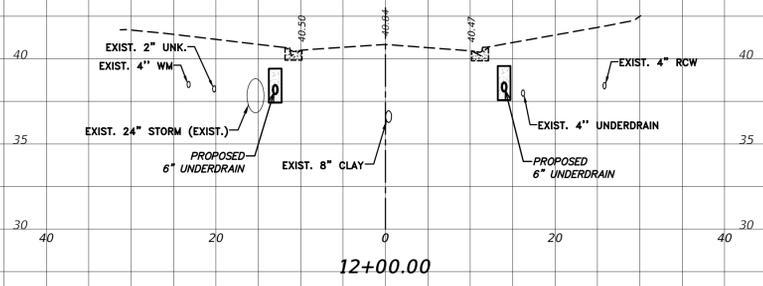
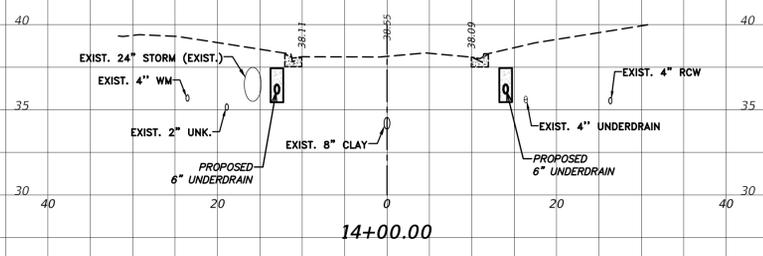
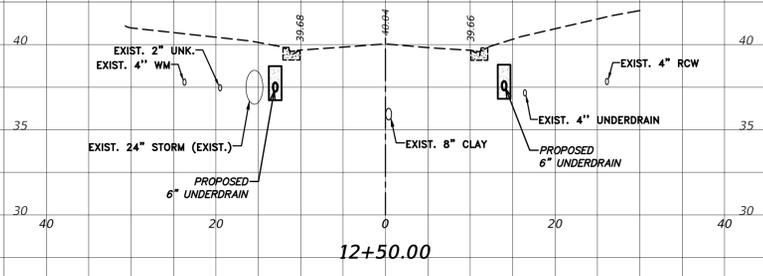
NO.	REVISIONS	BY	DATE

1"=10' (HORZ.)  
 SCALE: 1"=5' (VERT.)  
 DRAWN: S.A.T.  
 DESIGNED: A.E.D.  
 APPROVED: J.V.K.



**CITY OF SEMINOLE**  
 FY26 STORMWATER IMPROVEMENTS

**CROSS SECTIONS  
 (JOHNSON ROAD)**



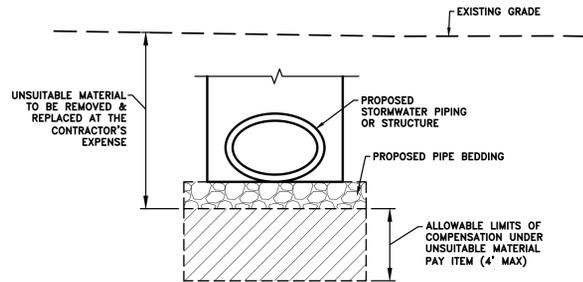
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1"=10' (HORZ.)  
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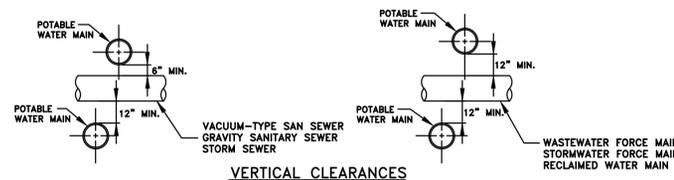
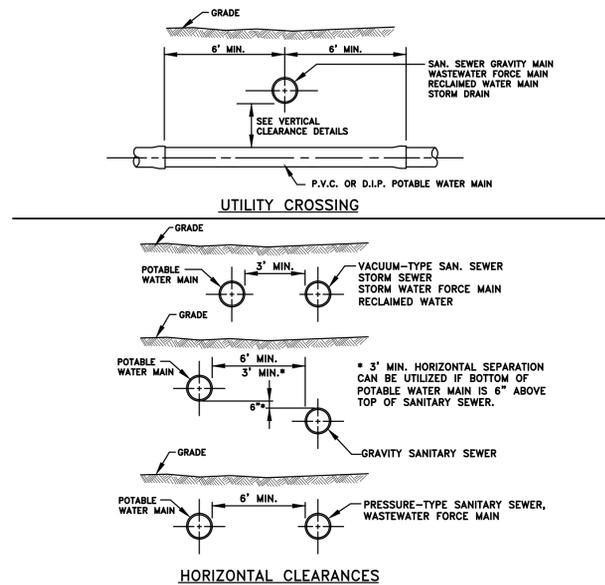
**CITY OF SEMINOLE**  
 FY26 STORMWATER IMPROVEMENTS

**CROSS SECTIONS  
 (72ND TERRACE)**



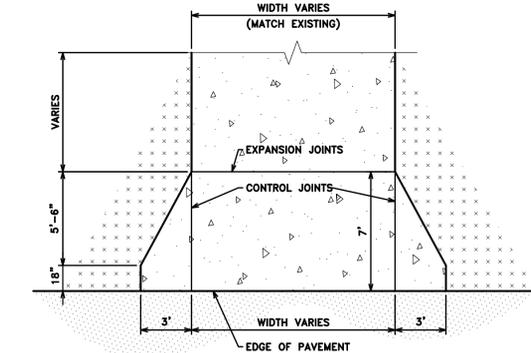
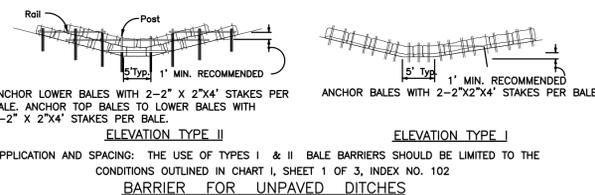
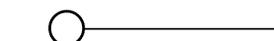
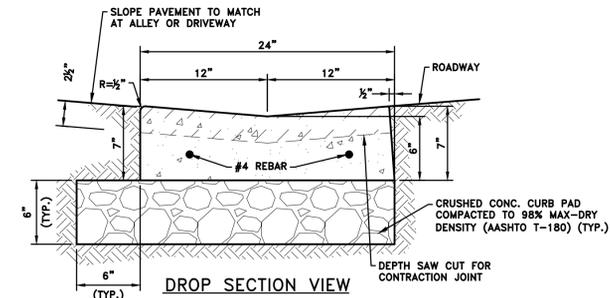
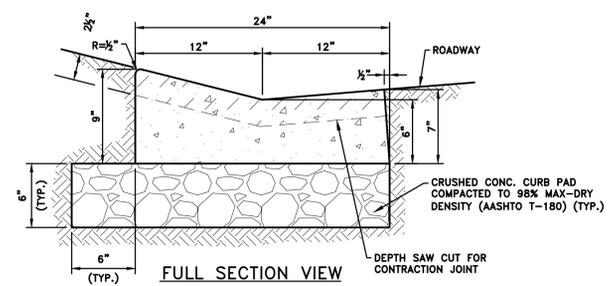
- NOTES:**
- PIPE LOCATION & ELEVATION IN RELATION TO THE EXISTING GRADE SHALL BE DETERMINED BY THE PLAN & PROFILE. PIPE LOCATION SEEN ABOVE IS SCHEMATIC IN NATURE.
  - IF NEEDED, THE CONTRACTOR SHALL OBTAIN MATERIAL TESTING, AT NO COST TO THE CITY, TO DETERMINE SUITABILITY OF MATERIAL.

**1 UNSUITABLE MATERIALS COMPENSATION LIMITS**  
NOT TO SCALE

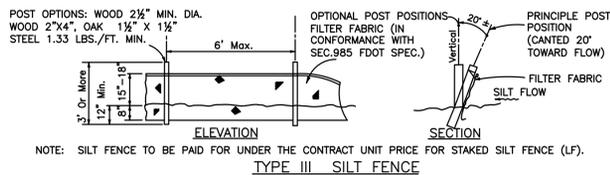
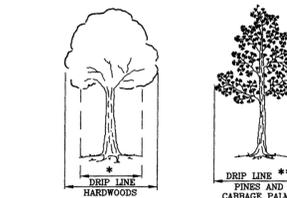


- NOTES:**
- ALL BACKFILL SHALL BE PLACED IN LIFTS AND COMPACTED AS PER SPECIFICATION.
  - PAVEMENT SHALL BE 1.5" FDOT SP-9.5 (FINE) FOR TRAFFIC LEVEL C.
  - RECYCLED CONCRETE AGGREGATE SHALL BE #57 AS SPECIFIED IN FDOT SECTION 901 AND FULLY WRAPPED WITH A LAYER OF TYPE D-4 FILTER FABRIC AS SPECIFIED IN FDOT SPECIFICATION SECTION 985.

**3 PIPE BEDDING DETAIL**  
NOT TO SCALE

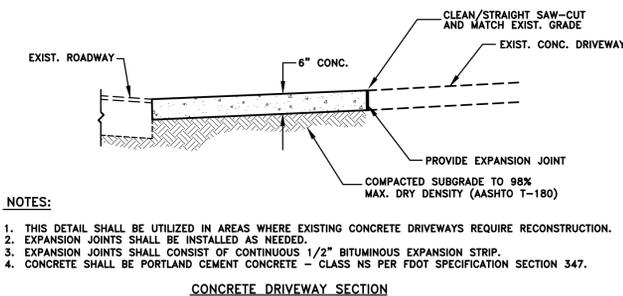


- NOTES:**
- NO TREE SHALL BE REMOVED UNLESS SPECIFICALLY TAGGED FOR REMOVAL BY THE ENGINEER.
  - THE CONTRACTOR SHALL TAKE SPECIAL CARE NOT TO DAMAGE TREES THAT ARE TO REMAIN.
  - ROOTS GREATER THAN 1" DIAMETER SHALL NOT BE CUT UNLESS OTHERWISE APPROVED BY THE ENGINEER.
  - ALL ROOT PRUNING SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST IN ACCORDANCE WITH ANSI-A300 STANDARDS.
  - STOCKPILED MATERIALS OR UNNECESSARY VEHICULAR TRAFFIC SHALL NOT BE ALLOWED OVER ANY TREE ROOTS SYSTEM.
  - BARRIER SHALL BE CONSTRUCTED WHEN CALLED FOR ON PLANS OR AS DIRECTED BY THE ENGINEER. BARRIERS SHALL BE MAINTAINED IN PLACE UNTIL REMOVAL IS DIRECTED BY THE ENGINEER.
  - COST OF ALL TREE BARRICADES SHALL BE INCLUDED IN PAY ITEM 900-9004 (CLEARING & GRUBBING).
  - SUBSTITUTION FOR WOODEN (1" X 2" MIN.) BEAMS WITH OTHER MATERIALS REQUIRE PRE-APPROVAL BY THE COUNTY ENGINEER.



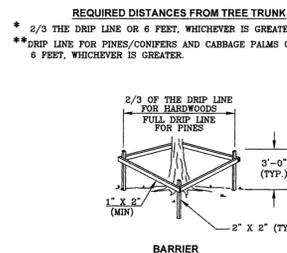
- NOTES:**
- EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED THROUGHOUT CONSTRUCTION TO PREVENT THE INFILTRATION OF PROJECT SITE SOILS INTO A PUBLIC DRAINAGE SYSTEM.
  - FOR ADDITIONAL DETAIL, REFER TO F.D.O.T. INDEX #102, 103, AND 104. (2010 DESIGN STANDARDS).

**5 EROSION CONTROL DEVICES**  
NOT TO SCALE

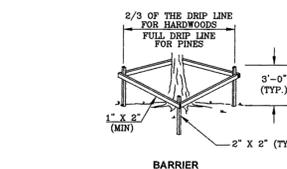


- NOTES:**
- THIS DETAIL SHALL BE UTILIZED IN AREAS WHERE EXISTING CONCRETE DRIVEWAYS REQUIRE RECONSTRUCTION.
  - EXPANSION JOINTS SHALL BE INSTALLED AS NEEDED.
  - EXPANSION JOINTS SHALL CONSIST OF CONTINUOUS 1/2" BITUMINOUS EXPANSION STRIP.
  - CONCRETE SHALL BE PORTLAND CEMENT CONCRETE - CLASS NS PER FDOT SPECIFICATION SECTION 347.

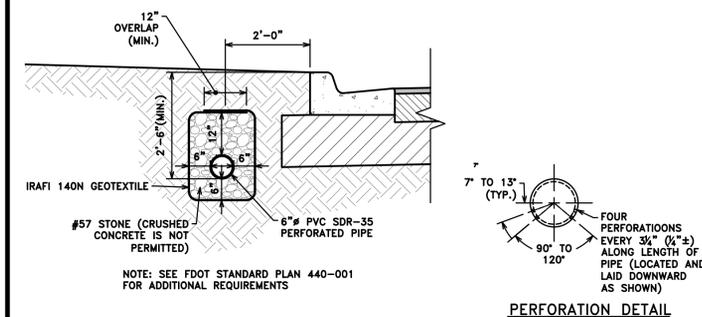
**6 RESIDENTIAL DRIVEWAY DIMENSIONS**  
SCALE: 1"=5'



- REQUIRED DISTANCES FROM TREE TRUNK**
- \* 2/3 THE DRIP LINE OR 6 FEET, WHICHEVER IS GREATER.
  - \*\* DRIP LINE FOR PINES/CONIFERS AND CABBAGE PALMS OR 6 FEET, WHICHEVER IS GREATER.



**7 TREE PROTECTION DETAIL**  
NOT TO SCALE



USER: [steven.torres] Date: [Feb 04, 2026] Time: [5:07pm] File Location: [M:\Public\Seminoles\25.SEM-45 (FY26 Stormwater Improvements)\Cadd\Current\SEM-45\_C10\_GEN-DET.dwg]

NO.	REVISIONS	BY	DATE

SCALE: N/A  
DRAWN: S.A.T.  
DESIGNED: A.E.D.  
APPROVED: J.V.K.

**ADVANCED ENGINEERING & DESIGN, INC.**  
3931 68th Avenue North, Pinellas Park, FL 33781 • (727) 526-9158 • www.aed-fl.com



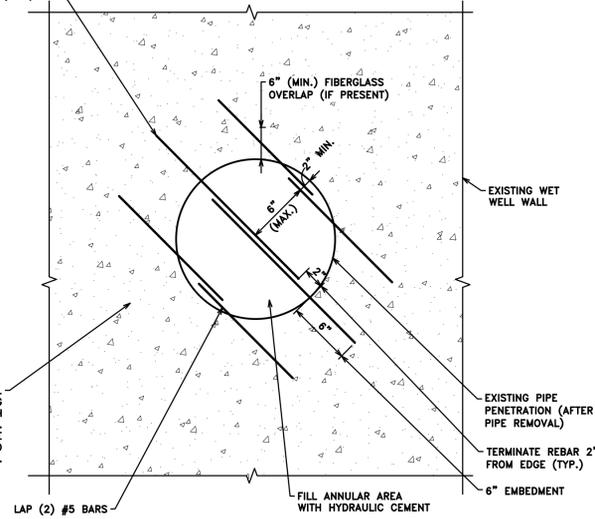
**CITY OF SEMINOLE**  
FY26 STORMWATER IMPROVEMENTS

**GENERAL DETAILS**

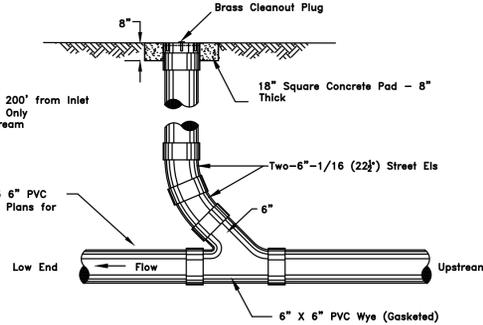
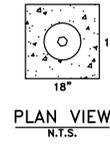
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DRILL 3/8" Ø HOLE & CLEAN. PLACE SIMPSON SET EPOXY IN DRILLED HOLE. PLACE REBAR (TYP.)

CLEAN EXISTING WALL PRIOR TO PERFORMING REPAIR USING HIGH PRESSURE WATER SPRAY. USE CAUTION TO ENSURE NO DAMAGE OCCURS TO EXISTING LINER.



**1 WALL PENETRATION REPAIR**  
NOT TO SCALE

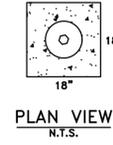


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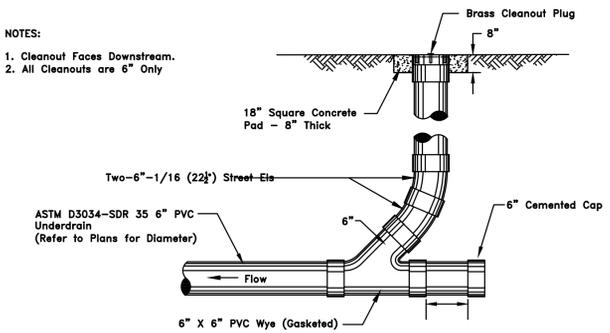
1. Place Cleanout Every 200' from Inlet
2. All Cleanouts are 6" Only
3. Cleanout Faces Upstream

ASTM D3034-SDR 35 6" PVC Underdrain (Refer to Plans for Diameter)

**2 STANDARD UNDERDRAIN CLEANOUT - STORM**  
NOT TO SCALE



NOTES:  
1. Cleanout Faces Downstream.  
2. All Cleanouts are 6" Only



**2 TERMINAL END UNDERDRAIN CLEANOUT - STORM**  
NOT TO SCALE

NO.	REVISIONS	BY	DATE
Δ	ADDENDUM NO.2	C.J.S.	2/4/26

SCALE:	N/A
DRAWN:	S.A.T.
DESIGNED:	A.E.D.
APPROVED:	J.V.K.

**ADVANCED**  
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**CITY OF SEMINOLE**  
FY26 STORMWATER IMPROVEMENTS

**GENERAL DETAILS**