

**ISLE OF PALMS PHASE 3
INTERNAL DRAINAGE IMPROVEMENTS**

CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS

PREPARED FOR:

THE CITY OF ISLE OF PALMS

**T&H PROJECT NO.
J-27670.0003**

ADDENDUM NO. 1

October 23, 2020

This Addendum forms a part of the Contract Documents and hereby modifies them as follows:

PART I – CONTRACT DOCUMENTS

The Bid Documents shall be changed in the following respects:

1. Note **12** on Sheet **U1.3** has been revised as follows:

Contractor shall install line stops in each the 6-inch forcemain and the 12-inch forcemain (2 per forcemain, either side of proposed offset).

2. The following has been added as Note **13** to the plan sheet **U1.3**:

Contractor shall provide a minimum of 14 calendar days notice to IOPWSC and shall coordinate with IOPWSC for the cleaning of the 12-inch and 6-inch forcemains. After the installation of the line stops and the removal of the existing forcemains, the contractor shall allow IOPWSC access to the work site (while the trench is open) to clean the forcemains. An appropriate amount of time (minimum of 3 days) shall be allotted to IOPWSC for the cleaning. IOPWSC shall be responsible for all work associated with cleaning the lines – including collecting and disposal of fluids and maintenance of trench during cleaning activities.

3. The following has been added as Note **14** to the plan sheet **U1.3**:

It is believed that flowable fill was installed as backfill (around and above) the existing 6" and 12" force mains noted on this page where the utilities are located under existing pavement. Contractor shall remove all flowable fill around and above the sections of the force mains noted to be relocated under the proposed drainage culverts. Contractor shall provide suitable backfill material and shall place and compact the material to conform to the requirements noted in Section 02731.

The cost for removal and offsite disposal of the existing flowable fill, along with the supply, placement, and compaction of suitable backfill material shall be considered inclusive of the "Utility Work Within Project Area" line item.

4. The locations of the line stops and the relocation of the force mains have been revised on plan sheets **U1.3** and **C1.6**.

PART II – TECHNICAL SPECIFICATIONS

1. Item 3.1 of Article 3 in Section 00110 has been revised as follows:

To demonstrate qualifications of the Bidder to perform the Work, each Bidder must complete the Statement of Qualifications (SOQ) section of these bid documents and submit the completed SOQ as part of the bid package to assist Owner in determining Contractor's qualifications.

Failure to submit the completed statement of qualifications could be cause for rejection of the bid.

2. Add the following to Section 00815:

SC 6.06 Add a new paragraph after paragraph G in 6.06 of the General Conditions (Section 00700) that reads as follows:

- H. The Contractor shall not award work valued at more than fifty (50%) percent of the Contract Price to Subcontractor(s), without prior written approval of the Owner.

3. Item 4 in Section 00313 has been revised as follows:

The "Graded Aggregate Base Course (8" Uniform)" line item has been omitted for each bid tabulation to be in accordance with **Note 1** in **Detail 3** on plan sheet **C2.2**. All remaining line items have been renumbered accordingly.

The "Removal & Disposal of Existing Pavement" line item has been revised for each bid tabulation to specify that the line item "includes milling".

The "Hot Mix Asphalt Surface Course Type B" and the "Removal & Disposal of Existing Pavement" line items for the **41st Avenue at Forest Trail Bid Tabulation** have been revised to account for the revised force main relocations as shown on plan sheet **U1.3**.

A revised Bid Form is attached.

PART III – RESPONSE TO QUESTIONS

1. *What are the allowable working hours, and can work be completed on weekends?*

Working hours shall be from 8 AM to 5 PM. The typical work week shall be Monday through Friday. Weekend work is discouraged however, if the contractor needs to work on a Saturday, the Contractor shall notify the Owner and Engineer for consideration a minimum of 72 hours prior to the requested Saturday. No work shall be completed on Sundays.

All other aspects of the project remain unchanged.



A handwritten signature in blue ink that reads 'Hillary Aton', written over a horizontal line.

Hillary Aton, P.E.
Project Manager

End of ADDENDUM NO. 1

DOCUMENT 00313**BID FORM****PROJECT IDENTIFICATION:****CONTRACT IDENTIFICATION
AND NUMBER:****THIS BID IS SUBMITTED TO:**

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an agreement with OWNER in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Bid Price and within the Bid Times indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.
2. BIDDER accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the day of Bid opening, or for such longer period of time BIDDER may agree to in writing upon request of OWNER.
3. In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement, that:
 - a. BIDDER has examined and carefully studied the Plans and Specifications for the work and contractual documents relative thereto, and has read all Technical Provisions, Supplementary Conditions, and General Conditions, furnished prior to the opening of Bids and can fulfill the requirements of the work to be performed.
 - b. BIDDER further acknowledges hereby receipt of the following Addenda:

ADDENDUM NO.	DATE

- c. BIDDER has visited the site and become familiar with and is satisfied as to the general, local and site conditions possibly affecting cost, progress, performance and furnishing of the Work;
 - d. BIDDER is familiar with and is satisfied as to all federal, state, and local Laws and Regulations possibly affecting cost, progress, performance and furnishing of the Work.

- e. BIDDER has carefully studied all reports of explorations and tests of subsurface conditions at or contiguous to the site and all drawings of physical conditions in or relating to existing surface or subsurface structure at or contiguous to the site (except underground Facilities) have been identified in the Supplementary Conditions. BIDDER acknowledges such reports and drawings are not Contract Documents and may not be complete for BIDDER's purposes. BIDDER acknowledges OWNER and Engineer do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Bidding Documents with respect to Underground Facilities at or contiguous to the site. BIDDER has obtained and carefully studied (or assumes responsibility for having done so) all such additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the site or otherwise which may affect cost progress, performance or furnishing of the work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by BIDDER and safety precautions and programs incident thereto. BIDDER does not consider any additional examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance and furnishing of the Work in accordance with the times, price and other terms and conditions of the Bidding Documents.
 - f. BIDDER is aware of the general nature of Work to be performed by Owner and others at the site relating to Work for which this Bid is submitted as indicated in the Bidding Documents.
 - g. BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the site, reports and drawings identified in the Bidding Documents and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
 - h. BIDDER has given ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies BIDDER has discovered in the Bidding Documents and the written resolution thereof by ENGINEER is acceptable to BIDDER. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.
 - i. This bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.
4. BIDDER will complete the Work in accordance with the Contract Documents for the following price(s):

NOTES: THE QUANTITIES LISTED HEREIN ARE ESTIMATES ONLY AND DO NOT CONSTITUTE ANY WARRANTY OR GUARANTEE BY THE CITY, AND SHOULD NOT BE RELIED UPON BY BIDDERS. ALL QUANTITIES MAY VARY. THE TOTALS REQUIRED ON THE BID FORM HEREIN ARE FOR INFORMAL COMPARISON ONLY. PAYMENTS WILL BE BASED UPON UNIT PRICES WHERE INDICATED. CONTRACTOR MUST BID ON ALL WORK HEREIN.

General Items					
Item Number	Description of Item	Quantity	Unit	Unit Price	Extended Price
1	Mobilization	1	LS		
2	Bonds and Insurance	1	LS		

Subtotal - General: _____

Sparrow Drive Drainage Improvements					
Item Number	Description of Item	Quantity	Unit	Unit Price	Extended Price
1	Traffic Control	1	LS		
2	As-Built Construction Plans	1	LS		
3	Clearing and Grubbing within Right-of-Way	0.10	AC		
4	Removal of Existing Culvert 1' x 18"	177	LF		
5	Removal of Existing Structure	2	EA		
6	24" x 38" RCEP (Class III)	177	LF		
7	Grate Inlet (36" x 36")	2	EA		
8	Rip-Rap Class B	40	TON		
9	Geotextile for Erosion Control Under Rip-Rap (Class 2) Type B	50	SY		
10	Sodding	0.55	MSY		
11	Silt Fence	385	LF		
12	Replace/Repair Silt Fence	100	LF		
13	Removal of Silt Retained by Silt Fence	385	LF		
14	Misc. Erosion Control/Water Management	1	EA		

Subtotal - Sparrow Drive: _____

Forest Trail Drainage Improvements					
Item Number	Description of Item	Quantity	Unit	Unit Price	Extended Price
1	Traffic Control	1	LS		
2	As-Built Construction Plans	1	LS		
3	Clearing and Grubbing within Right-of-Way	0.08	AC		
4	Removal & Disposal of Existing Pavement (Includes Milling)	25	SY		
5	Removal of Existing Culvert 1' x 15"	36	LF		
6	Hot Mix Asphalt Surface Course Type B	4	TON		
7	24" RC pipe (Class III)	80	LF		
8	Rip-Rap Class B	25	TON		
9	Geotextile for Erosion Control Under Rip-Rap (Class 2) Type B	30	SY		
10	Sodding	0.40	MSY		
11	Silt Fence	233	LF		
12	Replace/Repair Silt Fence	100	LF		
13	Removal of Silt Retained by Silt Fence	233	LF		
14	Utility Work Within Project Area	1	LS		
15	Misc. Erosion Control/Water Management	1	EA		

Subtotal - Forest Trail: _____

Cross Lane Drainage Improvements					
Item Number	Description of Item	Quantity	Unit	Unit Price	Extended Price
1	Traffic Control	1	LS		
2	As-Built Construction Plans	1	LS		
3	Clearing and Grubbing within Right-of-Way	0.17	AC		
4	Removal & Disposal of Existing Pavement (Includes Milling)	20	SY		
5	Removal of Existing Culvert 1' x 15"	39	LF		
6	Removal of Existing Culvert 1' x 24"	132	LF		
7	Hot Mix Asphalt Surface Course Type B	3	TON		
8	24" RC pipe (Class III)	172	LF		
9	Grate Inlet (36" x 36")	2	EA		
10	Rip-Rap Class B	65	TON		
11	Geotextile for Erosion Control Under Rip-Rap (Class 2) Type B	85	SY		
12	Sodding	0.79	MSY		
13	Silt Fence	490	LF		
14	Replace/Repair Silt Fence	200	LF		
15	Removal of Silt Retained by Silt Fence	490	LF		
16	Utility Work Within Project Area	1	LS		
17	Misc. Erosion Control/Water Management	1	EA		

Subtotal - Cross Lane: _____

32nd Ave Drainage Improvements					
Item Number	Description of Item	Quantity	Unit	Unit Price	Extended Price
1	Traffic Control	1	LS		
2	As-Built Construction Plans	1	LS		
3	Clearing and Grubbing within Right-of-Way	0.13	AC		
4	Removal & Disposal of Existing Pavement (Includes Milling)	53	SY		
5	Removal of Existing Culvert 1' x 15"	5	LF		
6	Removal of Existing Culvert 1' x 24"	240	LF		
7	Removal of Existing Structure	2	EA		
8	Hot Mix Asphalt Surface Course Type B	7	TON		
9	18" RC pipe (Class III)	5	LF		
10	36" RC pipe (Class III)	241	LF		
11	Grate Inlet (36" x 36")	3	EA		
12	Rip-Rap Class B	30	TON		
13	Geotextile for Erosion Control Under Rip-Rap (Class 2) Type B	40	SY		
14	Sodding	0.58	MSY		
15	Silt Fence	470	LF		
16	Replace/Repair Silt Fence	200	LF		
17	Removal of Silt Retained by Silt Fence	470	LF		
18	Utility Work Within Project Area	1	LS		
19	Misc. Erosion Control/Water Management	1	EA		

Subtotal - 32nd Avenue: _____

41st Avenue (South) Drainage Improvements					
Item Number	Description of Item	Quantity	Unit	Unit Price	Extended Price
1	Traffic Control	1	LS		
2	As-Built Construction Plans	1	LS		
3	Clearing and Grubbing within Right-of-Way	0.10	AC		
4	Removal & Disposal of Existing Pavement (Includes Milling)	65	SY		
5	Removal of Existing Culvert 1' x 18"	40	LF		
6	Hot Mix Asphalt Surface Course Type B	9	TON		
7	36" RC Pipe (Class III)	82	LF		
8	Rip-Rap Class B	100	TON		
9	Geotextile for Erosion Control Under Rip-Rap (Class 2) Type B	130	SY		
10	Sodding	0.37	MSY		
11	Silt Fence	234	LF		
12	Replace/Repair Silt Fence	100	LF		
13	Removal of Silt Retained by Silt Fence	234	LF		
14	Misc. Erosion Control/Water Management	1	EA		

Subtotal - 41st Avenue (South): _____

41st Avenue at Forest Trail Drainage Improvements					
Item Number	Description of Item	Quantity	Unit	Unit Price	Extended Price
1	Traffic Control	1	LS		
2	As-Built Construction Plans	1	LS		
3	Clearing and Grubbing within Right-of-Way	0.08	AC		
4	Removal & Disposal of Existing Pavement (Includes Milling)	225	SY		
5	Removal of Existing Culvert 1' x 18"	40	LF		
6	Hot Mix Asphalt Surface Course Type B	35	TON		
7	42" RC Pipe (Class III)	80	LF		
8	Rip-Rap Class B	120	TON		
9	Geotextile for Erosion Control Under Rip-Rap (Class 2) Type B	150	SY		
10	Sodding	0.25	MSY		
11	Silt Fence	173	LF		
12	Replace/Repair Silt Fence	100	LF		
13	Removal of Silt Retained by Silt Fence	173	LF		
14	Utility Work Within Project Area	1	LS		
15	Misc. Erosion Control/Water Management	1	EA		

Subtotal - 41st Avenue at Forest Trail: _____

41st Avenue (North) Drainage Improvements					
Item Number	Description of Item	Quantity	Unit	Unit Price	Extended Price
1	Traffic Control	1	LS		
2	As-Built Construction Plans	1	LS		
3	Clearing and Grubbing within Right-of-Way	0.10	AC		
4	Removal & Disposal of Existing Pavement (Includes Milling)	62	SY		
5	Removal of Existing Culvert 1' x 18"	40	LF		
6	Hot Mix Asphalt Surface Course Type B	9	TON		
7	42" RC Pipe (Class III)	81	LF		
8	Rip-Rap Class B	150	TON		
9	Geotextile for Erosion Control Under Rip-Rap (Class 2) Type B	190	SY		
10	Sodding	0.31	MSY		
11	Silt Fence	173	LF		
12	Replace/Repair Silt Fence	100	LF		
13	Removal of Silt Retained by Silt Fence	173	LF		
14	Misc. Erosion Control/Water Management	1	EA		

Subtotal - 41st Avenue (North): _____

TOTAL BID FOR ALL ESTIMATED PRICES _____
(Use words)

_____ (\$ _____)
(Figures)

Unit Prices have been computed in accordance with paragraph 11.03.C of the General Conditions.

BIDDER acknowledges estimated quantities are not guaranteed and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities determined as provided, determined as provided in the Contract Documents.

- 5. BIDDER agrees the Work will be substantially complete within 120 calendar days after the date when the Contract Times commence to run as provided in paragraph 2.03 of the General Conditions, and completed and ready for final payment in accordance with paragraph 14.07 of the General Conditions within 150 calendar days after the date when the Contract Times commence to run.
- 6. BIDDER accepts provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within times specified in the Agreement.
- 7. The following documents are attached to and made a condition of this Bid:
 - a. Required Bid Security in the form of 10 percent of the Bid Total Price.
 - b. A tabulation of Subcontractors, Suppliers and other persons and organizations required to be identified in this Bid.
 - c. Required BIDDER's Qualification Statement with supporting data.
- 8. The undersigned further agrees in case of failure on his/her part to execute the said contract and the Bond within 15 consecutive calendar days after written notice being given of the award of the contract, the check or bid bond accompanying this bid, and the monies payable thereon shall be paid into the funds of the Owner as liquidated damages for such failure, otherwise, the check or bid bond accompanying this proposal shall be returned to the undersigned.
- 9. Communications concerning this Bid shall be addressed to:

Attn: _____

- 10. Terms used in this Bid which are defined in the General Conditions or Instructions will have the meanings indicated in the General Conditions of Instructions.

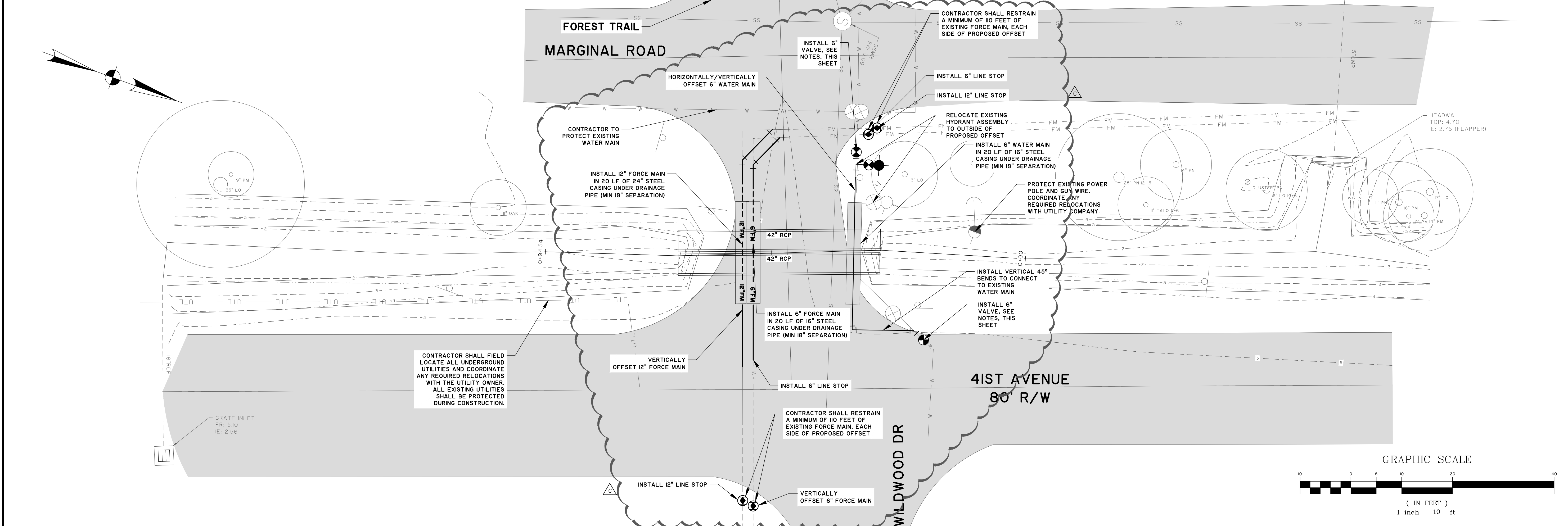
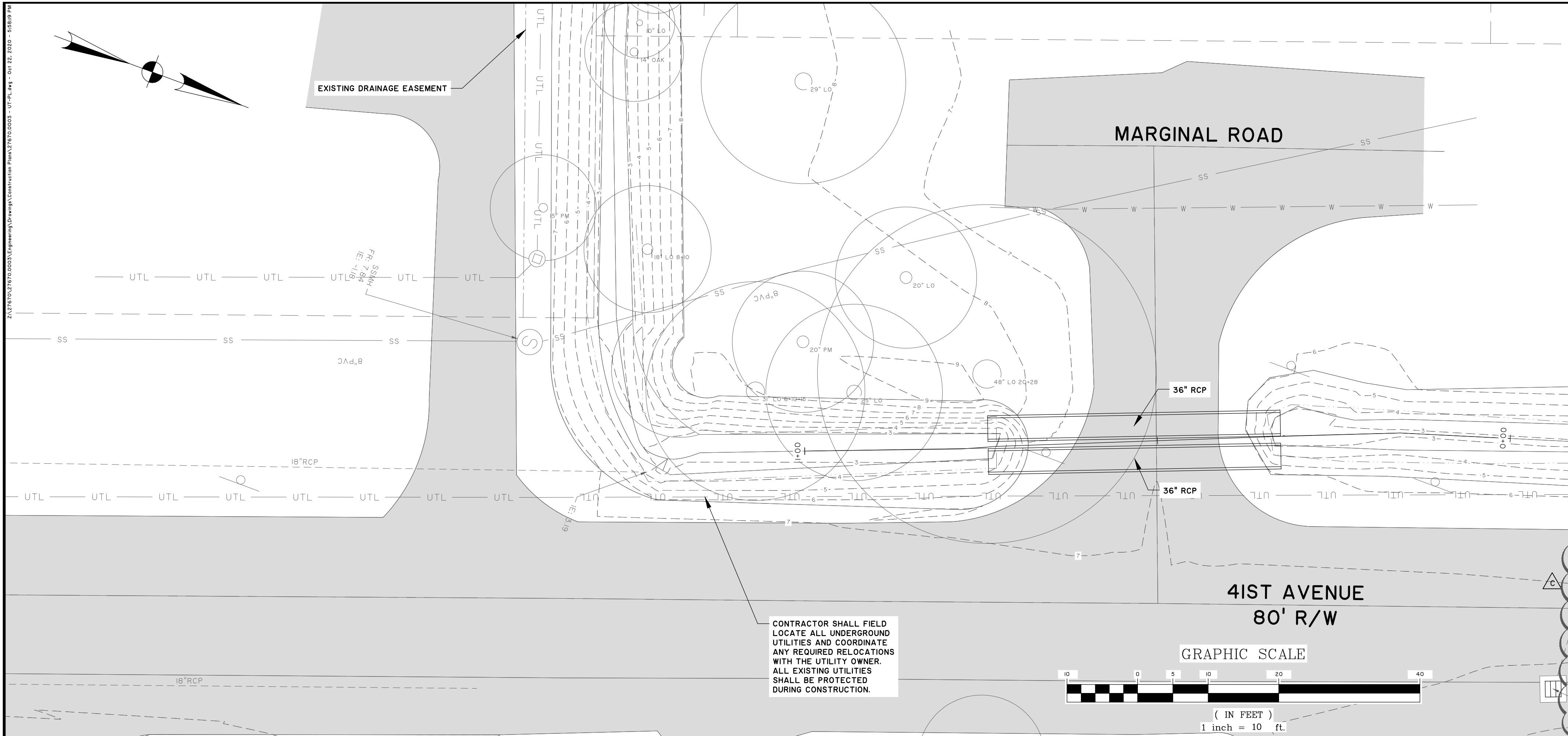
SUBMITTED on _____, 20__.

CONTRACTOR'S NAME

ADDRESS:

BY: _____

State Utility Contractor License No. _____ SC



NOTES:

- CONNECTION OF NEW WATER AND SEWER LINES TO EXISTING SYSTEMS (LINES, HYDRANTS, SERVICES, ETC.) SHALL BE COMPLETED AFTER PERMIT TO OPERATE IS OBTAINED FROM SCDEIC. EXISTING SYSTEMS SHALL REMAIN IN OPERATION UNTIL PERMIT IS OBTAINED.
- CONTRACTOR SHALL COORDINATE WITH POWER COMPANY TO SECURE POWER POLES PRIOR TO RELOCATION OF EXISTING UTILITIES.
- CONTRACTOR SHALL RESTORE AREAS DISTURBED WITHIN THE RIGHT-OF-WAY WITH SOD OF SIMILAR TYPE TO EXISTING SOD IN ADJACENT AREAS OF THE RIGHT-OF-WAY. THIS INCLUDES AREAS WHERE LANDSCAPE PLANTS HAVE BEEN REMOVED FROM WITHIN THE RIGHT-OF-WAY. SOD REPLACEMENT SHALL BE INCLUDED WITHIN THE GRASSING CONTRACT PRICE.
- CONTRACTOR SHALL ADHERE TO SCDOT STANDARD DETAIL 610-005-00 FOR ALL SINGLE LANE CLOSURES. IF CONTRACTOR REQUIRES CLOSURE OF BOTH LANES, A TRAFFIC CONTROL AND DETOUR PLAN SHALL BE SUBMITTED TO SCDOT PRIOR TO COMMENCEMENT OF THE PROJECT FOR REVIEW AND APPROVAL. THE PLAN SHALL ADHERE TO SCDOT REQUIREMENTS. NO ROAD CLOSURES WILL BE ALLOWED UNTIL SCDOT WRITTEN APPROVAL IS OBTAINED AND SUBMITTED TO THE ENGINEER.
- ALL DIP PIPE SHALL BE RESTRAINED. ALL WATER MAIN OFFSETS SHALL BE COMPLETED WITH DIP PIPE AND FITTINGS. ADDITIONALLY, PVC PIPE SHALL BE RESTRAINED PER UTILITY OWNER REQUIREMENTS.
- CONTRACTOR SHALL PROTECT EXISTING WATER AND SEWER UTILITIES DURING CONSTRUCTION OF DRAINAGE SYSTEM. ANY DAMAGE TO EXISTING SERVICES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL MAINTAIN WATER SERVICES TO ALL RESIDENTS DURING CONSTRUCTION OF THE DRAINAGE IMPROVEMENTS. ANY TEMPORARY WATER MAINS, SERVICES, SERVICE RELOCATIONS, AND REPAIRS SHALL BE CONSIDERED INCLUSIVE OF THE UTILITY RELOCATION PAY ITEM.
- REPLACEMENT WATER MAINS AND FORCE MAINS SHALL BE TESTED BY THE CONTRACTOR AND PERMITTED FOR OPERATION BY ISLE OF PALMS WATER & SEWER COMMISSION (IOPWSC).

ALL WORK ASSOCIATED WITH THE REMOVAL AND REPLACEMENT OF WATER MAINS, FORCE MAINS, AND ASSOCIATED APPURTENANCES (EG VALVES) SHALL BE CONSIDERED INCLUSIVE OF THE "UTILITY RELOCATION PAY ITEM."

9. ALL NEW WATER MAINS SHALL BE CONSTRUCTED OF CL 350 DIP MJ SLIP JOINT PIPE, AND SHALL BE RESTRAINED PER DETAILS IN THIS PLAN SET.

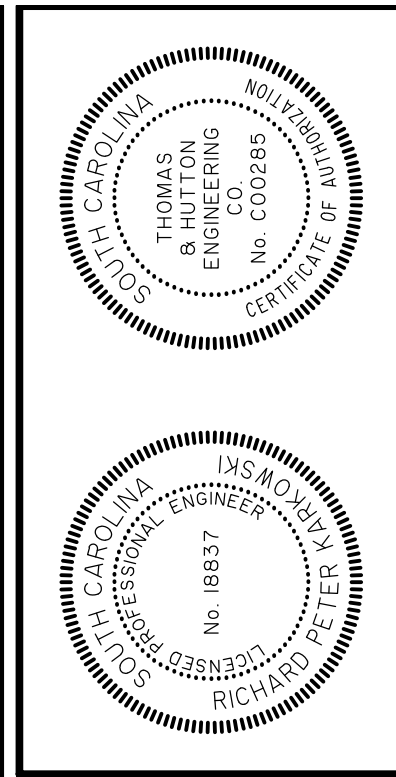
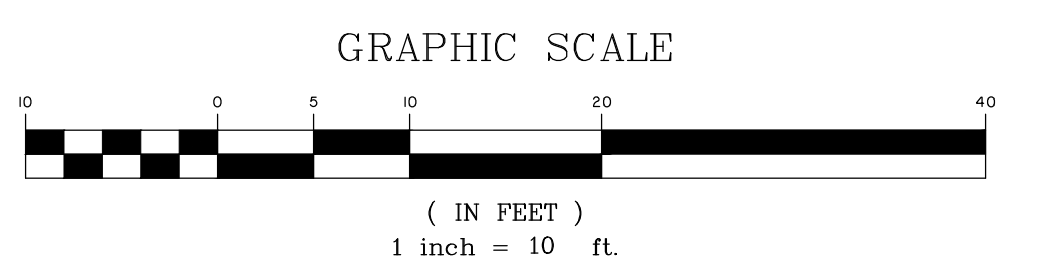
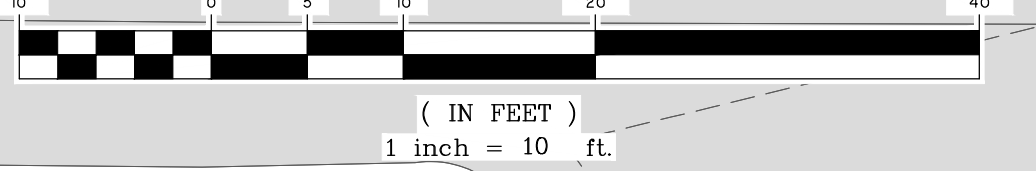
WHERE SECTION OF EXISTING WATER MAIN IS TO BE REMOVED, CONTRACTOR SHALL:

- INSTALL NEW VALVE ON EXISTING LINE APPROXIMATELY 5 FEET BEYOND WHERE PROPOSED OFFSET WILL CONNECT (BOTH SIDES OF PROPOSED OFFSET);
- INSTALL 5 FEET OF DIP ON VALVE WITH MJ CAP, EACH SIDE OF PROPOSED OFFSET.
- INSTALL TEMPORARY THRUST BLOCKS AGAINST MJ CAP. IN NO CASE SHALL CONCRETE THRUST BLOCK BE POURED AROUND A VALVE, VALVE BOX, OR ACTIVE MAIN;
- PRIOR TO REMOVING THRUST BLOCKING, CUT OUT SECTIONS OF 5 FEET EXTENSION FROM VALVE. DO NOT ATTEMPT TO REMOVE THRUST BLOCKING WHILE CONNECTED TO ACTIVE MAIN.

WORK ASSOCIATED WITH THE TEMPORARY REMOVAL AND REPLACEMENT OF WATER MAINS WITHIN THE PROJECT AREA SHALL BE COMPLETED AT NIGHT. CONTRACTOR SHALL COORDINATE WITH IOPWSC FOR TEMPORARY SHUT-OFF OF THE WATER SYSTEM PRIOR TO REMOVING AND REPLACEMENT OF EXISTING WATER MAIN.

ALL WORK ASSOCIATED WITH THE REMOVAL AND REPLACEMENT OF WATER MAIN SHALL BE CONSIDERED INCLUSIVE OF THE UTILITY RELOCATION PAY ITEM.

- CONTRACTOR SHALL SUBMIT A UTILITY RELOCATION CONSTRUCTION SEQUENCE FOR REVIEW AND APPROVAL BY IOPWSC PRIOR TO COMMENCEMENT OF ANY WORK ON EXISTING WATER AND SEWER UTILITIES.
- COMPLETION OF WORK ON WATER AND SEWER UTILITIES SHALL ONLY BE COMPLETED BY CONTRACTORS LISTED ON IOPWSC'S PREQUALIFIED CONTRACTORS LIST. CONTACT IOPWSC FOR A COPY OF THIS LIST.
- CONTRACTOR SHALL INSTALL LINE STOPS IN EACH THE 6-INCH FORCEMAIN AND THE 12-INCH FORCEMAIN (2 PER FORCEMAIN, EITHER SIDE OF PROPOSED OFFSET).
- CONTRACTOR SHALL PROVIDE A MINIMUM OF 14 CALENDAR DAYS NOTICE TO IOPWSC AND SHALL COORDINATE WITH IOPWSC FOR THE CLEANING OF THE 12-INCH AND 6-INCH FORCEMANS. AFTER THE INSTALLATION OF THE LINE STOPS AND THE REMOVAL OF THE EXISTING FORCEMANS, THE CONTRACTOR SHALL ALLOW IOPWSC ACCESS TO THE WORK SITE (WHILE THE TRENCH IS OPEN) TO CLEAN THE FORCEMANS. AN APPROPRIATE AMOUNT OF TIME (MINIMUM OF 3 DAYS) SHALL BE ALLOTTED TO IOPWSC FOR THE CLEANING. IOPWSC SHALL BE RESPONSIBLE FOR ALL WORK ASSOCIATED WITH CLEANING THE LINES - INCLUDING COLLECTING AND DISPOSAL OF FLUIDS AND MAINTENANCE OF TRENCH DURING CLEANING ACTIVITIES.
- IT IS BELIEVED THAT FLOWABLE FILL WAS INSTALLED AS BACKFILL (AROUND AND ABOVE) THE EXISTING 6" AND 12" FORCE MAINS NOTED ON THIS PAGE WHERE THE UTILITIES ARE LOCATED UNDER EXISTING PAVEMENT. CONTRACTOR SHALL REMOVE ALL FLOWABLE FILL AROUND AND ABOVE THE SECTIONS OF THE FORCE MAINS NOTED TO BE RELOCATED UNDER THE PROPOSED DRAINAGE CULVERTS. CONTRACTOR SHALL PROVIDE SUITABLE BACKFILL MATERIAL AND SHALL PLACE AND COMPACT THE MATERIAL TO CONFORM TO THE REQUIREMENTS NOTED IN SECTION 02731.
- THE COST FOR REMOVAL AND OFFSITE DISPOSAL OF THE EXISTING FLOWABLE FILL, ALONG WITH THE SUPPLY, PLACEMENT, AND COMPACTION OF SUITABLE BACKFILL MATERIAL SHALL BE CONSIDERED INCLUSIVE OF THE "UTILITY WORK WITHIN PROJECT AREA" LINE ITEM.



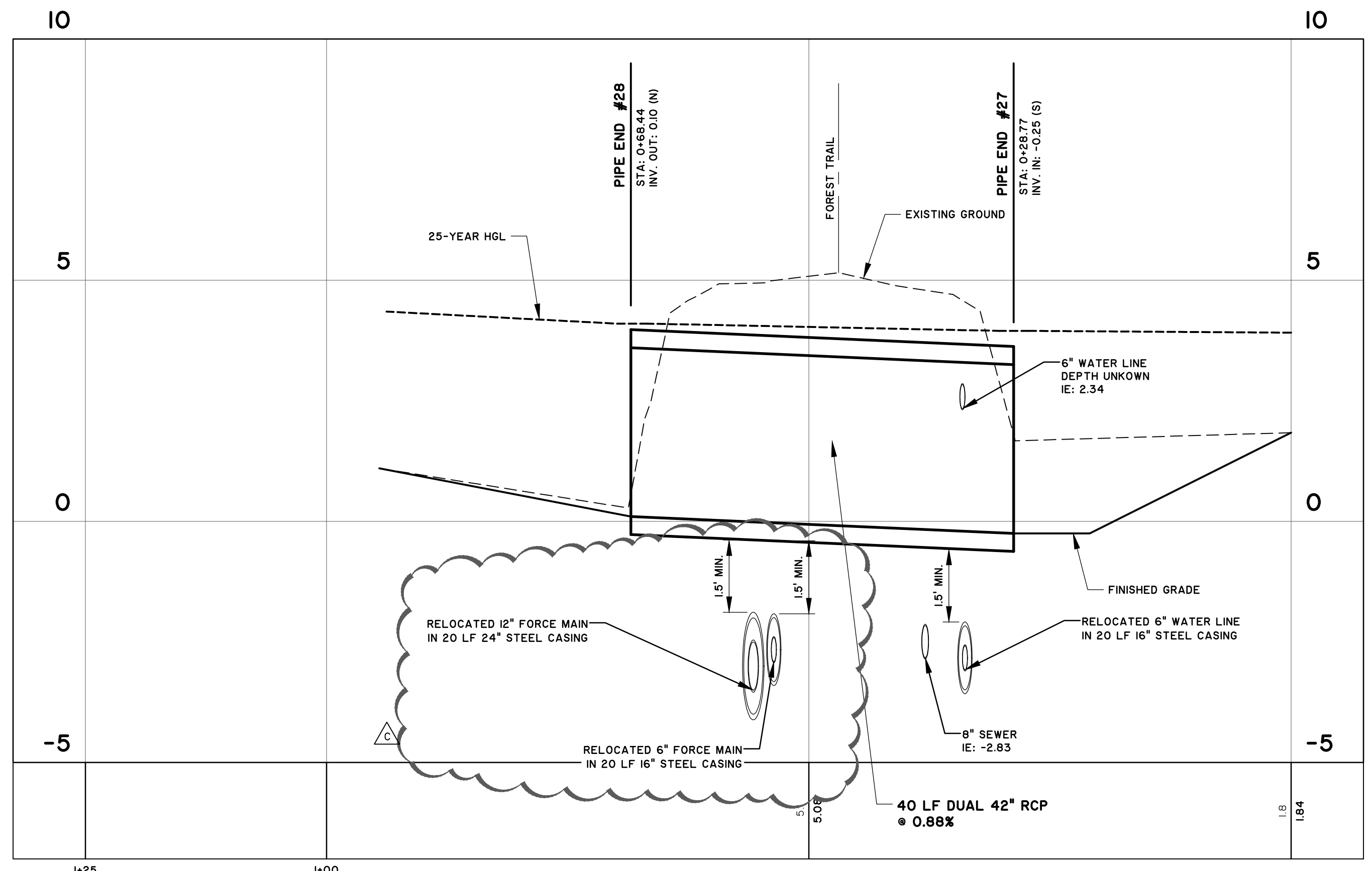
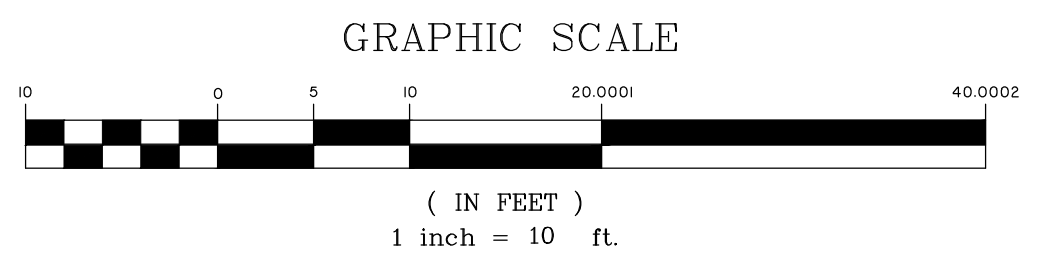
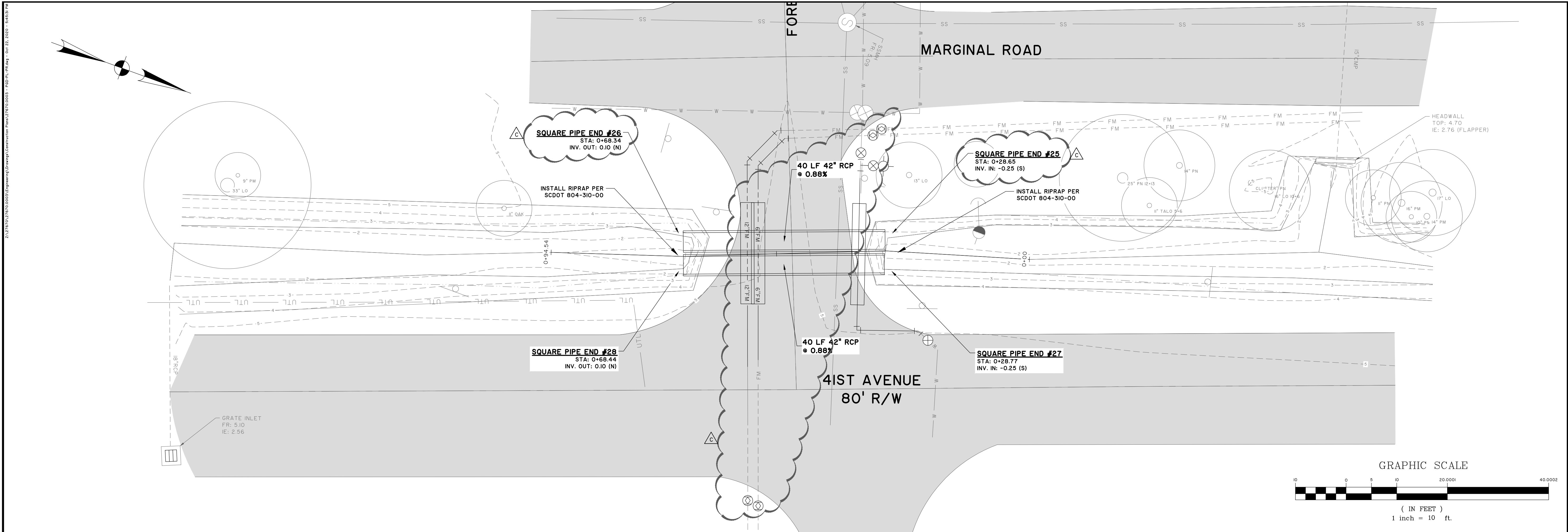
NO.	DATE	BY	REVISIONS
C	10/14/20	DFM	IOPWSC COORD. (FM OFFSETS)

THOMAS & HUTTON
 682 Johnnie Dodds Blvd. • Suite 100
 Mt. Pleasant, SC 29464 • 843.849.0200
 www.thomasandhutton.com

CITY OF ISLE OF PALMS
 ISLE OF PALMS, CHARLESTON COUNTY, SOUTH CAROLINA
 PHASE 3 INTERNAL DRAINAGE IMPROVEMENTS
 UTILITY RELOCATION PLAN

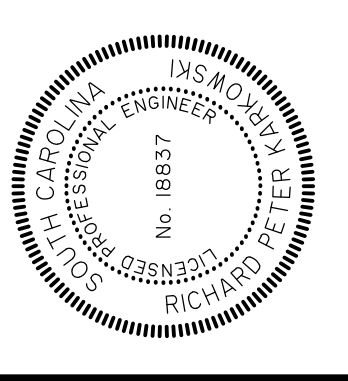
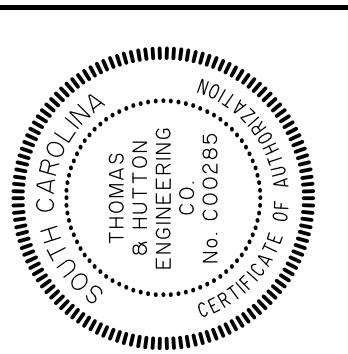
JOB NO:	J-27670.0003
DATE:	1/3/20
DRAWN:	HEA
DESIGNED:	HEA
REVIEWED:	RPK
APPROVED:	RPK
SCALE:	AS NOTED

U1.3



41ST AVENUE B
 STATIONS: 0+00 - 1+25
 SCALE: HORIZ.: 1" = 10'
 VERT.: 1" = 2'

2/27/20 10:05:53 Engineering\Projects\27670\0003 - 100 PL - RPK.dwg - 04/22/20 - 10:45:53 PM



NO.	BY	DATE	REVISIONS
C	HEA	10/14/20	IDPWSC COORD. (FM OFFSETS)
A	HEA	4/21/20	REVISED PER SCDOT COMMENTS

THOMAS & HUTTON
 682 Johnnie Dodds Blvd. • Suite 100
 Mt. Pleasant, SC 29464 • 843.849.0200
 www.thomasandhutton.com

CITY OF ISLE OF PALMS
 ISLE OF PALMS, CHARLESTON COUNTY, SOUTH CAROLINA
PHASE 3 INTERNAL DRAINAGE IMPROVEMENTS
PLAN & PROFILE

JOB NO:	J-27670.0003
DATE:	1/3/20
DRAWN:	HEA
DESIGNED:	HEA
REVIEWED:	RPK
APPROVED:	RPK
SCALE:	AS NOTED

C1.6