



Highland Estates 24 in. Oversize Approach Water Main (12 in. Required)

Solicitation Number: CO-00069

Job No.: 14-1178

ADDENDUM 3

July 14, 2016

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

CHANGES TO THE SPECIFICATIONS

1. Invitation to Bidders, remove paragraph six(6) from Invitation to Bidders, Page IV and replace with the following:

Sealed bids will be received by the Contract Administration Division, 2800 U.S. Hwy 281 North, Customer Center Building, Suite 171, San Antonio, Texas 78212, until 3:00 PM (CT), July 19, 2016. Bids will then be publicly opened and read aloud in Contract Administration, CR-C137, Customer Center Building, 2800 U.S. Hwy 281 North, San Antonio, Texas. Each bid must be accompanied by a cashier's check, certified check, or bid bond in an amount not less than five percent of the total bid price.

2. Bid Proposal, remove the BP-1 in its entirety and replace with the attached Bid Proposal.

Revision to line items 8, 9 and 26 to correspond with quantities shown in plans.

CHANGES TO THE PLANS

1. Sheet 2, remove from construction set and replace with the attached drawing.

The 24" water line tie-in to the existing 16" water line was shifted to the west by approximately 20 feet.

CHANGES TO ADDENDUM 1 QUESTIONS

1. **It appears that several street crossings will be required on Highland Estates. One near the intersection of Borgfeld at the island, another at Aubrey Point and two at the cul-de-sac. Please identify any and all anticipated locations and requirements of the street restoration for Highland Estates street.**

The streets within Highland Estates will only be constructed to the base course and will not be paved until after this project is completed. For this Project, the Contractor will be responsible for protecting the existing curbs, and compacting and backfilling in accordance to project specifications. A portion of the shoulder of Borgfeld will likely require removal and replacement subject to the means and methods utilized by the Contractor. The pavement section for Borgfeld consist of 6" moisture conditioned subgrade, 7" Type B Warm Mix Asphaltic Concrete (WMAc) (PG64-22), 2" Type C WMAc (PG70-22), and 2" Type C WMAc (PG70-22). Payment for this item is considered incidental to the 24" water main installation.

2. The plans show the 24" main to be installed outside the ROW for the majority of the run on Highland Estates. Since the ROW will be cut prior to this contract, that will leave the main to be installed in the centerline of a rock wall in many cases (reference street section). This may require the need to import fill and level up the wall as high as 10' in some areas and export the fill when complete. Can you add a bid item for this additional work?

A bid item for additional work will not be added. The limit of excavation being performed under a separate contract will extend 10 feet past the right of way, therefore the Contractor for this project should only be required to level up if he anticipates excavating further than 10 feet from the right of way.

Same issue as above, can you add a clearing bid item as additional trees may need to be removed for the 24" installation?

Item No. 101 Preparing Right of Way shall include the removal of any trees, stumps, bushes, etc.

3. The 24" main profiles on Highland Estates maybe misleading as to the actual depths of the pipe installation. The profile shows a depth from street level, however the main will be installed on the high side of the street outside the ROW and will be as deep as 20' in many areas. Please confirm the anticipated depths of installation should be taken from natural ground elevations and not street elevations.

The depth of the water main shall be taken from the street elevations shown on the plans in all instances except at drainage crossings shown on Sheet 2 (Sta. 6+75 –Sta. 8+25), and Sheet 4 (Sta. 2+20- Sta. 2+75).

4. Reference the note on the plans that states that the contractor is to pay for the removal and relocation of the CPS Energy poles? Are these newly placed poles going to be relocated?

Poles within Borgfeld right of way are more or less 6' offset from the center of the 24" water main. Contractor shall coordinate with CPS if any bracing is necessary within the Borgfeld right of way but no poles are expected to be removed or replaced within this project. Any coordination and bracing will not be paid as a separate line item. Any poles shown on the plans within the Highland Estates Subdivision are not scheduled to be installed until after this project is completed.

5. Is this project sales tax exempt?

Yes, this project is tax exempt.



Samuel Bledsoe, PE
MTR Engineers



This Addendum, including these two (2) pages, is five (5) pages with attachment in its entirety.

Attached: Bid Proposal Form, Bid Item List and Revised Construction Sheet 2.

End of Addendum 3

BID PROPOSAL

PROPOSAL OF _____, a corporation
a partnership consisting of _____
an individual doing business as _____

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitation to Bidders, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the project as specified, in accordance with the Plans and Specifications for the following prices to wit:

(PLEASE SEE ATTACHED PDF LIST OF BID ITEMS)

TOTAL BID PRICE

\$ _____

Mobilization and Prep of ROW shall be limited to the maximum percentage shown. **If the percentage exceeds the allowable maximum stated for mobilization and or preparation of ROW, SAWS reserves the right to cap the amount at the percentages shown and adjust the extensions of the bid items accordingly.**

BIDDER'S SIGNATURE & TITLE

FIRM'S NAME (TYPE OR PRINT)

FIRM'S ADDRESS

FIRM'S PHONE NO. /FAX NO.

FIRM'S EMAIL ADDRESS

The Contractor herein acknowledges receipt of the following:
Addendum Nos. _____

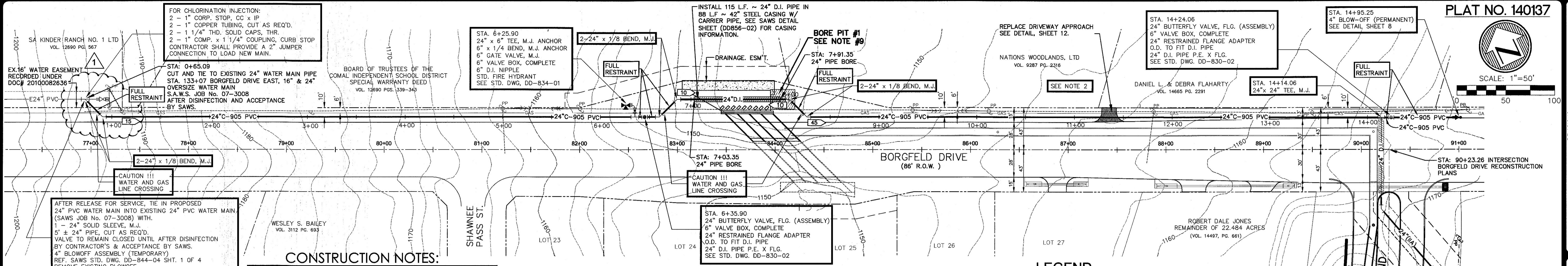
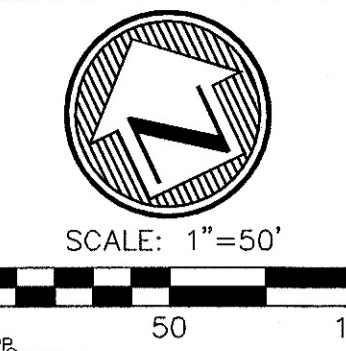
OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE BID.

The bidder offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within **90** calendar days after the start date, as set forth in the Authorization to Proceed. **The bidder understands and accepts the provisions of the contract Documents relating to liquidated damages of the project if not completed on time.**

Complete the additional requirements of the Bid Proposal which are included on the following pages.

Quotes

Line No.	Item No.	Quote Category	SOV Item	Item Description	Unit	Quantity	Unit Bid Price	Total
1	503.1	General Water Bid Items	01.4600.00.0002 - Construction	Concrete Driveways (5" Thick)	SY	27.00		
2	515.1	General Water Bid Items	01.4600.00.0002 - Construction	Topsoil	CY	710.00		
3	520.1	General Water Bid Items	01.4600.00.0002 - Construction	Hydromulching	SY	6,500.00		
4	530.1	General Water Bid Items	01.4600.00.0002 - Construction	Barricades, Signs, and Traffic Handling	LS	1.00		
5	540.1	General Water Bid Items	01.4600.00.0002 - Construction	Rock Filter Dams (Install/Remove) (Type 2)	LF	675.00		
6	540.9	General Water Bid Items	01.4600.00.0002 - Construction	Temporary Sediment Control Fence	LF	3,730.00		
7	550	General Water Bid Items	01.4600.00.0002 - Construction	Trench Excavation Safety Protection	LF	4,734.00		
8	814	General Water Bid Items	01.4600.00.0002 - Construction	24" Ductile Iron Pipe	LF	27.00		
9	818	General Water Bid Items	01.4600.00.0002 - Construction	24" C-905 PVC Waterline, DR-18	LF	3,948.00		
10	818	General Water Bid Items	01.4600.00.0002 - Construction	8" C-900 PVC Waterline, DR-14	LF	806.00		
11	824.1	General Water Bid Items	01.4600.00.0002 - Construction	Standard Fire Hydrant Assembly	EA	2.00		
12	824	General Water Bid Items	01.4600.00.0002 - Construction	3/4" Single Service: Short	EA	3.00		
13	824	General Water Bid Items	01.4600.00.0002 - Construction	3/4" Single Service: Long	EA	8.00		
14	828	General Water Bid Items	01.4600.00.0002 - Construction	8" Gate Valve, M.J. w/Box Complete	EA	3.00		
15	830	General Water Bid Items	01.4600.00.0002 - Construction	24" Butterfly Valves	EA	6.00		
16	833	General Water Bid Items	01.4600.00.0002 - Construction	Meter Box	EA	11.00		
17	836	General Water Bid Items	01.4600.00.0002 - Construction	Pipe Fittings, All Sizes and Types	TN	5.10		
18	840	General Water Bid Items	01.4600.00.0002 - Construction	24" Water Tie-In	EA	1.00		
19	841	General Water Bid Items	01.4600.00.0002 - Construction	Hydrostatic Testing	EA	1.00		
20	844.5	General Water Bid Items	01.4600.00.0002 - Construction	4" Blow-Off, Permanent	EA	2.00		
21	844.4	General Water Bid Items	01.4600.00.0002 - Construction	4" Blow-Off, Temporary	EA	1.00		
22	846	General Water Bid Items	01.4600.00.0002 - Construction	4" Air Release Assemblies	EA	1.00		
23	846	General Water Bid Items	01.4600.00.0002 - Construction	6" Air Release Assemblies	EA	1.00		
24	856.1	General Water Bid Items	01.4600.00.0002 - Construction	Jacking, Boring, or Tunneling, 42"	LF	88.00		
25	856.2	General Water Bid Items	01.4600.00.0002 - Construction	42" Steel Casing	LF	138.00		
26	856.3	General Water Bid Items	01.4600.00.0002 - Construction	24" Carrier Pipe For Jacking, Boring, or Tunneling	LF	220.00		
27	101	General Water Bid Items	01.4600.00.0002 - Construction	Preparation of Right of Way (5% Max of Lines 1 through 26)	LS	1.00		
28	100	General Water Bid Items	01.4600.00.0002 - Construction	Mobilization (10% Max of Lines 1 through 26)	LS	1.00		



CONSTRUCTION NOTES:

1. THE CONTRACTOR IS HEREBY CAUTIONED THAT THE SUBSURFACE DURING EXCAVATION IS ANTICIPATED TO BE ROCK-LIKE MATERIAL ACCORDING TO THE STANDARD SOIL SURVEY METROPOLITAN AREA REFERENCE. ALL EXCAVATION IS UNCLASSIFIED AND NO SEPARATE PAYMENT SHALL BE PROVIDED.
2. CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO DEVELOP THE CONTRACTOR'S PLANS TO IMPLEMENT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S PLAN SHALL PROVIDE FOR ADEQUATE TRENCH SAFETY SYSTEMS THAT COMPLY WITH AS A MINIMUM O.S.H.A. STANDARDS FOR TRENCH EXCAVATION SPECIFICALLY, CONTRACTORS AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL DEVELOP AND IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH O.S.H.A. STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUAL WORKING IN AND AROUND TRENCH EXCAVATION.
3. DUE TO FEDERAL REGULATIONS TITLE 49, PART 192.181, C.P.S. MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA. THE CONTRACTOR SHALL NOTIFY C.P.S. LOCATOR AT 978-3500, 48 HOURS BEFORE BEGINNING ANY EXCAVATION.
4. THE LOCATIONS AND DEPTHS OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. ACTUAL LOCATIONS AND DEPTHS OF UTILITIES MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UTILITIES SERVICES LINES AS REQUIRED FOR CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY CONFLICTS IMMEDIATELY. ANY DAMAGE BY THE CONTRACTOR TO EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR, AT HIS EXPENSE.
5. WHEN SEWER LINES ARE INSTALLED IN THE VICINITY OF WATER MAINS, SUCH INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH THE TEXAS DEPARTMENT OF HEALTH "RULES AND REGULATIONS FOR PUBLIC WATER SYSTEM" (1988 OR ANY REVISIONS THERETO).

6. ALL SPOIL AND OTHER UNSUITABLE MATERIAL FROM THIS WORK SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR, AT HIS EXPENSE.
7. PREVIOUSLY CONSTRUCTED LANDSCAPE AREAS DISTURBED OR IMPACTED DURING CONSTRUCTION SHALL BE RETURNED TO THE SAME OR BETTER CONDITION AS EXISTED PRIOR TO CONSTRUCTION WHERE NO PAY ITEM IS PROVIDED TO RESPECTIVE LANDSCAPE FEATURES. PAYMENT SHALL BE CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS.
8. CONTRACTOR TO REPLACE DISTURBED AREAS WITH HYDROMULCH AND SIX (6") INCHES TO COMPOST MANUFACTURED TOP SOIL WHICH IS TWO (2") INCHES OF COMPOST INCORPORATED WITH THE TOP FOUR (4") INCHES OF TOP SOIL FOR A TOTAL OF (6") INCHES. PAY ITEMS INCLUDES THE ENTIRE LENGTH OF WATER LINE TIMES (X) 20 FEET, MINUS LENGTH OF WATER LINE THAT IS BORED. ANY ADDITIONAL WIDTH IN EXCESS OF 20 FEET SHALL BE AT CONTRACTOR'S COST.
9. BORE PIT DIMENSIONS MAY VARY DUE TO EXISTING SITE CONDITIONS.
10. THE EXISTENCE AND LOCATION OF UNDERGROUND CABLE INDICATED ON THESE PLANS ARE TAKEN FROM THE BEST RECORDS AVAILABLE, AND ARE NOT GUARANTEED TO BE ACCURATE. THE CONTRACTOR SHOULD CALL FOR LOCATES THROUGH THE "ONE CALL" UTILITY LOCATE SERVICES (1-800-344-8377) 48 HOURS PRIOR TO CONSTRUCTION/EXCAVATION WORK. CONTRACTORS HAVE THE RESPONSIBILITY TO PROTECT AND SUPPORT TELEPHONE COMPANY PLANT DURING CONSTRUCTION.
11. JOINT RESTRAINTS: ALL FITTING AND VALVE JOINTS SHALL BE RESTRAINED. PIPE JOINT RESTRAINT SHALL BE AS SHOWN ON THE PLANS, REFER TO PLAN NOTES, LEGEND.
12. ANY PRIVATE DRIVEWAYS, TRAFFIC SIGNS, CULVERTS, AND CONCRETE RIP-RAP THAT CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND REPLACED AS NECESSARY AT NO SEPARATE PAY ITEM.
13. ALL TRENCHES WITHIN 2 FEET OF THE EDGE OF A PAVED SHOULDER ALONG BORGFELD DRIVE SHALL BE REQUIRED TO BE CAPPED WITH CEMENT STABILIZED BASE OR APPROVED EQUIVALENT AS REQUIRED BY BEXAR COUNTY.

C.P.S. UTILITIES NOTES:

CALL THE TEXAS STATE WIDE CALL LOCATOR NUMBER 1-800-344-8377, 48 HOURS BEFORE BEGINNING ANY EXCAVATION.

DUE TO FEDERAL REGULATION TITLE 49, PART 192.181, C.P.S. MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.

THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING C.P.S. OVERHEAD AND UNDERGROUND ELECTRIC FACILITIES IF ADJACENT TO WORK AREA (N.S.P.I.).

NOTES:

DEFLECT PIPE AT THE RECOMMENDED MANUFACTURER TOLERANCES ADD FITTINGS ACCORDINGLY AS REQUIRED.

LEGEND

- EXISTING WATER MAIN
- PROPOSED WATER MAIN
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EXISTING GATE VALVE
- PROPOSED GATE VALVE
- RESTRAINT/RESTRAINT LENGTH (FT.)
- ELEC. GAS, TELE, CABLE TV ESM.T.
- EXISTING POWER POLE
- EXISTING GAS MAIN
- EXISTING STORM DRAIN
- RIGHT-OF-WAY LINE

1,342' ± 24" C-905 PVC (IN OPEN CUT)
24" OVERSIZE APPROACH MAIN
 STA. 0+65.09 TO STA. 14+95.25

CONTRACTOR TO COORDINATE ANY REVISIONS TO THE TRAFFIC CONTROL PLAN WITH THE TxDOT INSPECTOR. ALL FEES, PERMITS, AND COSTS TO BE PAID BY THE CONTRACTOR FOR REVISIONS TO THE PLANS.

CONTRACTOR TO SUPPORT / SHORE C.P.S. ENERGY POWER POLES TO ALLOW FOR CONSTRUCTION. ALL FEES, PERMITS, + COSTS TO BE PAID BY CONTRACTOR FOR THE REMOVAL AND RELOCATION OF C.P.S. ENERGY POWER POLES.

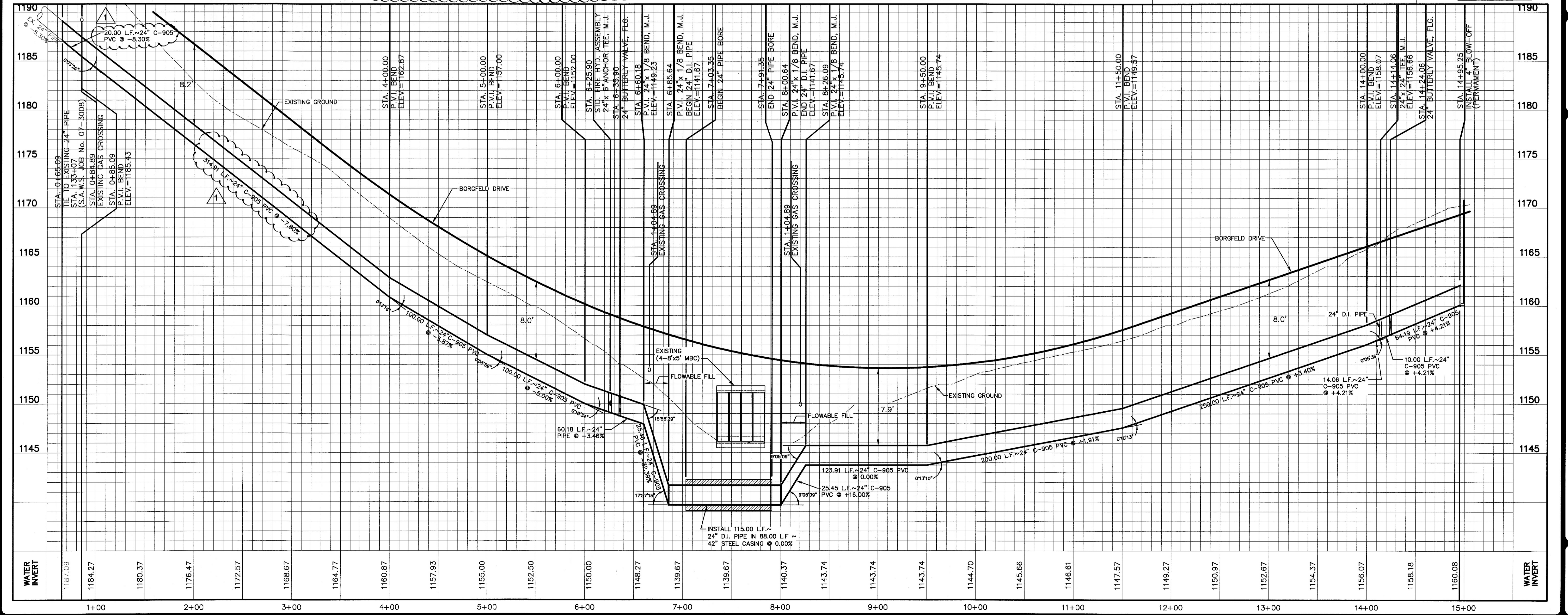
CAUTION!!!

CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITED TO WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING ELECTRIC, SECONDARY ELECTRIC, PRIMARY ELECTRICAL DUCTBANKS, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES. ANY UTILITY CONFLICTS THAT ARISE SHOULD BE COMMUNICATED TO THE ENGINEER IMMEDIATELY AND PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT 1-800-DIG-TESS A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND THE REPAIR SHALL BE AT CONTRACTOR'S SOLE EXPENSE WHETHER THE UTILITY IS SHOWN ON THESE PLANS OR NOT.

Developer's Name SA HIGHLAND ESTATES, INC.
 Developer's Address 11 LYNN BATTIS LN., SUITE 100
 City SAN ANTONIO State TX Zip 78218
 Phone # 210-818-6132 Fax # 210-828-6137
 SAWS Block Map # 168682 Total EDU's 11 Total Acreage N/A
 Total Linear Footage of Pipe 4,951' Plat No. 140137
 Number of Lots 11 SAWS Job No. 14-1178

CONTRACTOR TO TRIM OR CUT EXISTING VEGETATION AND TREES TO ALLOW FOR NEW CONSTRUCTION OF WATER MAIN.

HORIZONTAL SCALE: 1" = 50'
 VERTICAL SCALE: 1" = 5'



NO.	DATE	DESCRIPTION	BY
1.	7/11/16	Addendum No. 1 - Revised Tie-In.	

MIR
 Engineers
 Surveyors
 Planners

Moy Tarin Ramirez Engineers, LLC
 FIRM TYPE NO. F-5297
 12770 CHAMARRON PATH, SUITE 100
 SAN ANTONIO, TEXAS 78249
 TEL: (210) 698-5051
 FAX: (210) 698-5085

HIGHLAND ESTATES
24" OVERSIZE APPROACH MAIN
 (12" REQUIRED)
 WATER MAIN - LINE "A" PLAN & PROFILE

SHEET **2**
 OF 13