



ADDENDUM NO. 1

TO: ALL BIDDERS

PROJECT: ITB WS 26-20
HIGHWAY 90 EAST WATER AND SEWER MAIN EXTENSIONS

OWNER: OKALOOSA COUNTY

DATE: March 11, 2020

A Mandatory Pre-Bid Meeting was held on March 4, 2020. Pursuant to issues discussed and questions arising from that meeting, the following items are hereby incorporated into the project contract documents and specifications. **Note, any deletions from original documents will be stricken through and any additions or replacements of deletions shall be italicized in this addendum:**

ITEM NO. 1 – Page 00002, Notice to Respondents

Emphasized the following information:

- Bid Time/Date: 3:00 PM (LOCAL TIME), March 25, 2020
- Bid Place: Okaloosa County Courthouse, Room #282
101 E. James Lee Blvd., Crestview, FL
Note
Not a Next Day Delivery Service Location
- Note – **Security at Entry Point – Allow time for security clearance if hand delivering**

ITEM NO. 2 – Section 00100, Instructions to Bidders

Emphasized the following information:

- Article 3 – Qualifications - BIDDER must have completed a minimum of five similar projects within the past five years. A similar project is defined

as the successful installation and testing of 12" or larger water and/or sewer pressure pipelines, with a total length of piping per project of at least 5,000 linear feet.

- Article 7 – Questions - All questions are to be submitted to Purchasing in writing prior by 3:00 PM Central Time on March 10, 2020 and shall be submitted on the Pre-Bid Question Form (Section 00150-1)
- Article 13 Preparation of Bid (00100-5) - Original + 2 copies of the bid form. All originals signed in **blue ink**.
- Article 15 (00100-7) - Submittal of Bid - Again, **not a next day delivery**
- Article 22 (00100-9) - Conflict of Interest – Certification Form is included with Bid Package
- Article 31 (00100-10 & 11) – CONE OF SILENCE - Certification Form is included with Bid Package
- BID DOCUMENTS – Must submit **all** listed documents or may be deemed non-responsive. Any questions? Please direct to Purchasing...

ITEM NO. 3 – Section 00410, Bid Form With Attachments

Emphasized the following information:

- Bid Schedule (00410-3 thru 5)
- Time of Completion – Timing is **CRITICAL** on this project and work **MUST** be substantially complete within **150 calendar days** after the date when the Contract Times commences to run. Final completion within **210 calendar days**.
- **MAKE CERTAIN TO ACCOUNT FOR EXTRA CREWS, EQUIPMENT, ETC. TO ENSURE THIS PROJECT IS COMPLETED ON SCHEDULE.**

ITEM NO. 4 – Section 00520, Agreement

Emphasized the following information:

- Liquidated Damages – Amount per calendar day based on table on page 00520-2.
- Retainage – will be 5% of Work completed
- Public Records – Contractor required to maintain public records in accordance with Chapter 119 of the Florida Statutes.

ITEM NO. 5 – Section 00800, Supplementary Conditions

Emphasized the following information:

- Insurance Requirements – See pages 00800-3 & 4 for Workers Compensation, General Liability, Automobile Liability, and Pollution Insurance requirements. Insurance shall be maintained for two (2) years after the final payment.

- **ALSO, SEE EXHIBIT “C”** at the end of this section for specific insurance requirements for Railroad Crossing. **For railroad crossing, the CONTRACTOR is responsible for “During Installation Period” Insurance only.** The Post-installation insurance shown is the responsibility of the OWNER. These insurance requirements pertain only to the jack-and-bore portion of the project within the Railroad Right-of-Way.

ITEM NO. 6 – Section 01010, Summary of Work

Emphasized the following information:

- Summary Review – Installation of approximately 22,479 LF of 12" water main and approximately 19,399 L.F. of 12" sewer force main. Both lines require segments of open trench, directional bore, and jack and bore installation.

ITEM NO. 7 – Section 01700, Contract Closeout

Emphasized the following information:

- Closeout submittals – A detailed list of closeout submittal requirements is listed in 1.05, A, 1-7.

ITEM NO. 8 – Section 00950, Special Conditions

Emphasized the following information:

- Hydrant Meter - For any construction water utilized via an Okaloosa County-owned water line/hydrant meter, the Contractor shall set up an account with OCWS' Customer Service office and provide contact information. The account shall be set up in the Contractor's name with a deposit and service fee paid by the Contractor. The deposit will be refunded when the account terminates if the meter has not been damaged or lost. OCWS will be responsible for setting the hydrant meter, along with the monthly reading. If the hydrant meter needs to be relocated, the Contractor to coordinate this with OCWS Maintenance. **Water usage will not be charged to the Contractor, provided that the above conditions are met.**

ITEM NO. 9 – Section 01 22 00, Measurement and Payment

Emphasized the following information:

- This specification intends that payment will be made for those items listed in the Bid Schedule only. All items of work not specifically listed in the Bid

Schedule shall be considered incidental to the construction, and the cost of all such work and material shall be included in the prices bid for the various items listed.

ITEM NO. 10 – Section 01 41 26.02, FDEP Stormwater Permit for Construction

Emphasized the following information:

- The contractor is responsible for preparing a Stormwater Pollution Prevention Plan (SWPPP) and filing a Notice of Intent (NOI) and Notice of Termination (NOT) with the FDEP NPDES Stormwater Notices Center.

ITEM NO. 11 – Section 01 78 39, As-Built Documentation

Emphasized the following information:

- Provide the Record As-Built information in both Electronic and Hardcopy mediums. The electronic medium format shall be .TXT files in the PNEZD format.
- The coordinate system shall be Florida North (US Survey Feet) and the Datum shall be NAD83.
- Coordinates shall be captured through traditional survey or RTK GPS (survey or GIS mapping grade) with +/- 0.05' horizontal accuracy and +/- 0.05' for vertical accuracy. **GPS locations captured with a recreational GPS receiver will not be acceptable.**
- Files shall be submitted to the Owner's Project Manager for approval on a WEEKLY basis. Files may be submitted via email or on a CD or USB drive.
- **The following are the minimum items requiring location collection. All fittings, valves, valve nuts, transitions between pipe types/materials, ends of bores, ends of casings, sleeves, taps, air release valves, hydrants, connection points to existing lines, restraint locations, and the crown of every bell along pipelines.**

ITEM NO. 12 – Section 33 05 13, Precast Concrete Manholes for ARV's

Emphasized the following information:

- NOTE – ARV Manholes are required to have aluminum access doors as specified in Item 2.2. Revised detail sheets depicting aluminum access door and 60" flat top manhole are included with this addendum.

ITEM NO. 13 – Section 33 05 23.16, Utility Pipe Jacking and Boring

Emphasized the following information:

- Casing thickness requirement varies between highway crossings and railroad crossing.
- Special requirements for pipeline markings on the railroad crossings. Durable weatherproof signs required to be located over the centerline of each pipe. See Item 3.2.M on page 33 05 23.46-4 and plans for information required on markers.
 - For railroad crossing jack and bore
 - At all times when the work is being progressed, a field supervisor for the work with no less than twelve (12) months experience in the operation of the equipment being used shall be present. If boring equipment or similar machines are being used, the machine operator also shall have no less than twelve (12) months experience in the operation of the equipment being used.
 - Crossing of tracks at grade by equipment and personnel is prohibited except by prior arrangement with, and as directed by, the Chief Engineer.
 - The Owner of the facility shall reimburse the Railroad for all flagging and inspection costs associated with the pipe installation. Reimbursement by the Contractor is not acceptable.
 - **The permit for the railroad crossing has been approved contingent upon a few items including the Contractor providing acceptable insurance policies to the Railroad. This will take some time to finalize after award so plan on making railroad crossings toward the end of the project to allow time for permitting.**

ITEM NO. 14 - Section 33 05 50, Polyvinyl Chloride (PVC) Pressure Pipe

Emphasized the following information:

- No detector wire or tape is required
- The contractor is responsible for all testing, disinfection, chlorination, flushing and bacteriological testing.

ITEM NO. 15 - Section 33 05 51, Ductile Iron Piping & Ductile Iron & Cast Iron Fittings

Emphasized the following information:

- Lining for Wastewater: Interior of pipe and fittings to be lined with factory-applied ceramic epoxy (Cermapure PL 90, Perma-Shield PL Series 431, PermoX-CTF, or approved equal), 40 mils thickness.
- Lining for Water: Interior of pipe and fittings to receive a cement mortar lining of standard thickness in accordance with ANSI A21.4.

ITEM NO. 16 - Section 33 12 13, Water Service Connections

Emphasized the following information:

- Taps are required on the lines for testing/flushing/etc. – These taps shall conform to the requirements in section 33 12 13. Pay particular attention to corporation stops, curb stops, and service saddles as they have specific required models to match existing Owner standards and repair parts.

ITEM NO. 17 - Section 0 05 51, Valves

Emphasized the following information:

- Gate valves are to be utilized on water main.
- Plug valves are to be utilized on sewer force main.
- Sewage air and vacuum valves shall be H-TEC Model 989 Stainless Steel to match existing Owner standards and repair parts. Pay attention to specific tapping saddle and valve requirements for ARV assemblies.

ITEM NO. 18 – DESIGN DRAWINGS

- Sheet C-01 – Construction easement available on the south side of Hwy 90 for drill rig setup and possible material storage.
- Sheet C-13 – Coordinate tie-in at the plant with the Owner.
- Sheets C-21 & C-22 – Tying into existing 12” water main bore under Shoal River.
- Sheet C-31 – Tying into existing 12” sewer force main near Clint Mason Road.
- Sheet C-46 – The ARV manhole detail shows a heavy-duty manhole frame and lid. Revised details sheets are included at the end of this addendum depicting the previously mentioned aluminum hatch as required in Section 33 05 13, Item 2.2.

- Sheets Railroad-01 and Railroad-02 – No above ground work allowed inside railroad right-of-way. Carefully adhere to all dimensions, material, notes and other requirements on these sheets.

ITEM NO. 19 – REVISED SPECIFICATIONS

- Section 00410 – Bid Form with Attachments, Page 00410-3, Item 3 description is hereby revised to read as follows:
 - 12" DR18 (C900) Fusible PVC ~~Water~~ **Sewer Force** Main Installed via Horizontal Directional Drilling, Complete In Place For
- Section 00410 – Bid Form with Attachments, Page 00410-3, Item 4 description is hereby revised to read as follows:
 - 12" DR18 (C900) Fusible PVC ~~Sewer Force~~ **Water** Main Installed via Horizontal Directional Drilling, Complete In Place For
- Section 33 05 13.02 - Precast Concrete Manholes for ARV's, Item 2.2.A on page 33 05 13.02 – 2 is hereby revised as follows:
 - Aluminum access doors shall be double leaf 48" x ~~54"~~ **48"** aluminum access hatch. Door leafs shall be minimum ¼" aluminum pattern plate reinforced with an H-20 load rating. Cover shall be equipped with a flush lifting handle and 316 stainless steel hold-open arm with a vinyl grip that automatically locks the cover in the 90-degree open position. Frame shall be extruded aluminum with an integral seat and continuous anchor flange on all four sides. Hinges shall be 316 stainless steel hinges with 316 stainless steel tamper-resistant bolts/locknuts. Latch shall be 316 stainless steel slam latch with plug and removable key wrench. Cover and frame shall be mill finish aluminum. Hardware shall be 316 stainless steel. USF Fabrication Model AHD or approved equal.

ITEM NO. 20 – REVISED DRAWING SHEETS

- Please find enclosed a revised Index Sheet (G-01) and revised detail sheets C-45 & C-46. Revised sheets C-45 & C-46 shall hereby replace sheets C-45, C-46 & C-47 in their entirety.
 - The revised sheets consolidate the details sheets, remove references to detector wire in the details, and clarify ARV manhole and hatch requirements.

ITEM NO. 21 – QUESTIONS FROM PRE BID MEETING

- Question: What is the budget for the project?
 - Answer: Around \$3,000,000
- Question: Who will pay for flagman?
 - Answer: Okaloosa County will pay for railroad flagman

- Question: Will there be a charge for water used to fill and flush lines?
 - Answer: No, as long as the Contractor uses Okaloosa County hydrants and is in compliance with the requirements for the hydrant meter outlined in the specifications. Note that there are other water providers in the area. Using water from any provider other than Okaloosa County could result in charges for water.

- Question: What are we trying to accomplish with this project within the timeline?
 - Answer: The short timeline is a result of grant requirements and land purchase requirements.

- Question: Would the Engineer or Owner be available to collect GPS as-built data for the Contractor.
 - Answer: The Owner and Engineer will have some inspectors onsite but not continuously. Since every joint of pipe will need to be RTK GPS'd, the Contractor will need to provide someone to collect the data at all times during pipeline and accessory installation.

- Question: The specs call for a 48"x54" hatch for ARVs. Would a 48"x48" hatch be acceptable?
 - Answer: Yes, the detail sheets and specs are updated with this addendum and include a 48"x48" hatch.

- Question: Will an addendum be issued with all questions?
 - Answer: Yes, further questions will be replied to via addendum after the question period has passed.

- Question: If another vendor wins the bid, will the County work with the vendor if they have issues during the construction process?
 - Answer: Yes, once the contract is awarded, everything will go back to normal. OCWS will work with the Contractor to resolve any issues in a typical manner.

- Question: How fast will the award of the contract happen?
 - Answer: We hope to have the contract awarded no later than the 1st board meeting in May.

- Question: Does the county already have the money for the project?
 - Answer: Yes, we have secured grant funds from Triumph Gulf Coast, Inc. and have County funds available.

ITEM NO. 22– RFI from Vendor

- Question: Since the County is bidding the project and are tax exempt, can the contractor become an agent of the county and be tax exempt also?
This will allow the contractor to not be at an unfair advantage.
 - Answer: All bidders, including any County department bidder, must include the sales taxes within their proposal. The County reserves the right and may, at its discretion, elect at time of award to exercise the right to direct purchase materials for this project pursuant to Section 24 and Appendix 2 of the Okaloosa County Purchasing Manual.





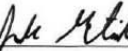
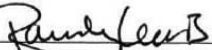
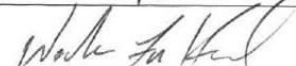
ITEM NO. 23 – PRE BID MEETING SIGN-IN SHEET

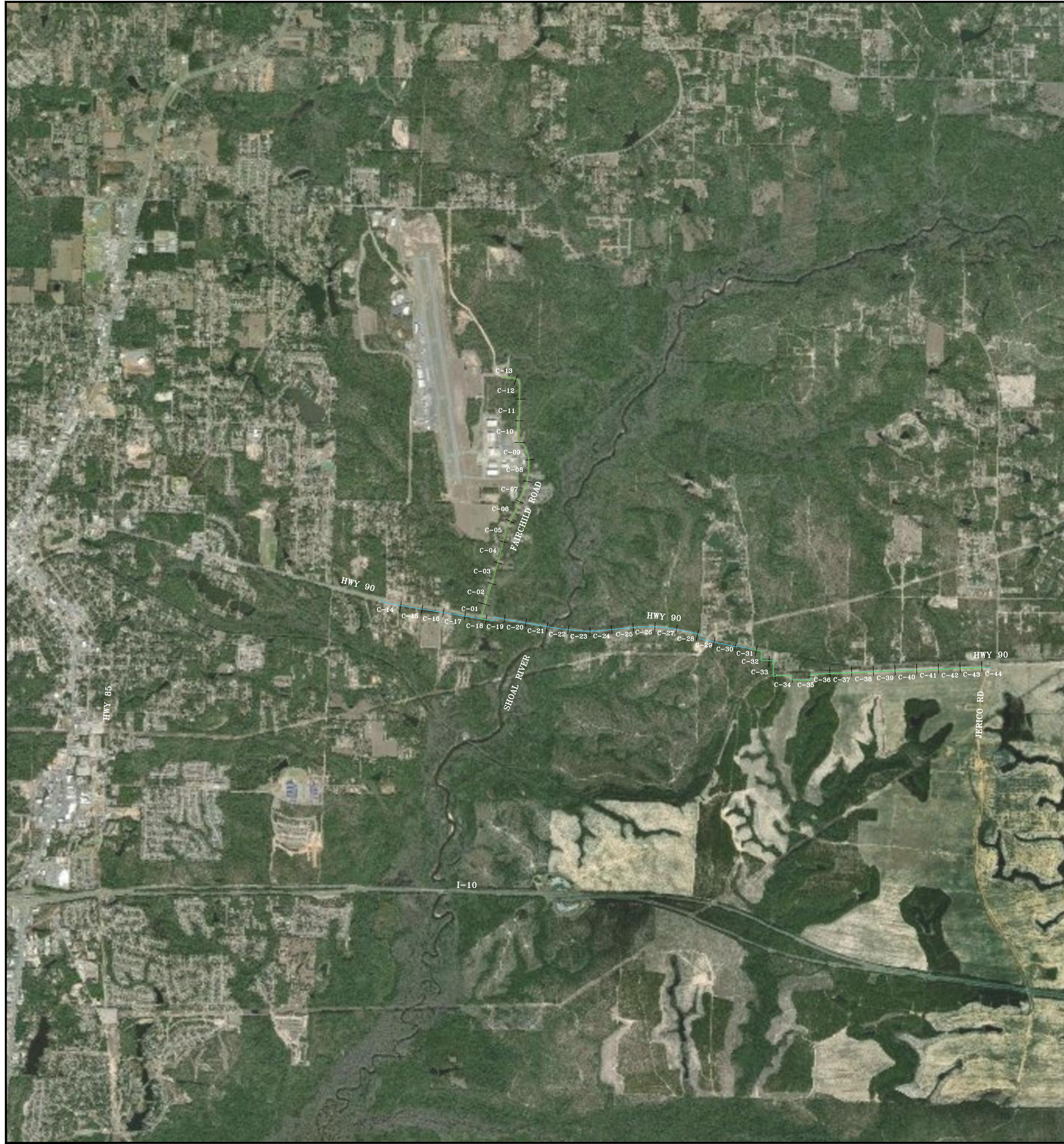
- Pre-bid meeting sign-in sheet is included on the following page:

RECEIPT OF THIS ADDENDUM SHALL BE ACKNOWLEDGED BY WRITING THIS ADDENDUM NO. AND DATE IN THE SPACE PROVIDED ON PAGE 00410-9 OF THE BID PROPOSAL.


Michael C. Evans, P.E. – Poly, Inc.

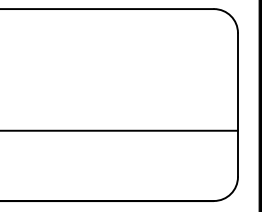
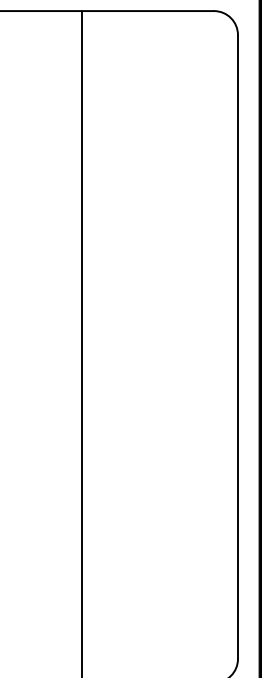
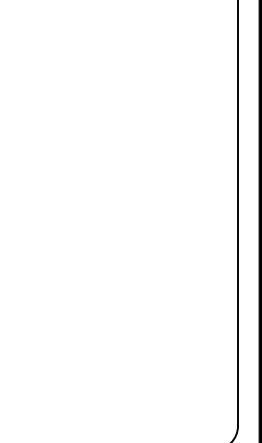
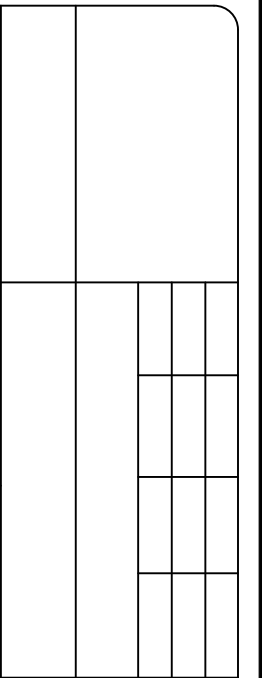
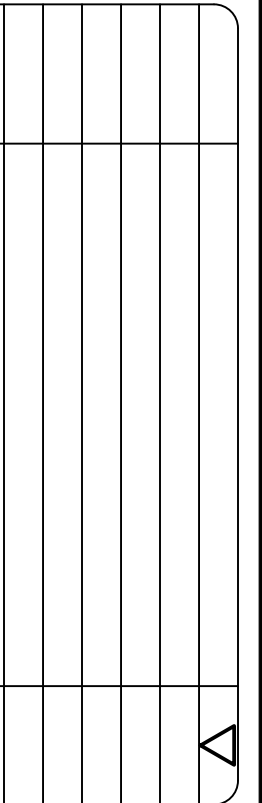
SIGN IN SHEET
Highway 90 East Water & Sewer Main Extensions
ITB WS 26-20
Pre-Bid Meeting
March 4, 2020 @ 10:00 AM CST

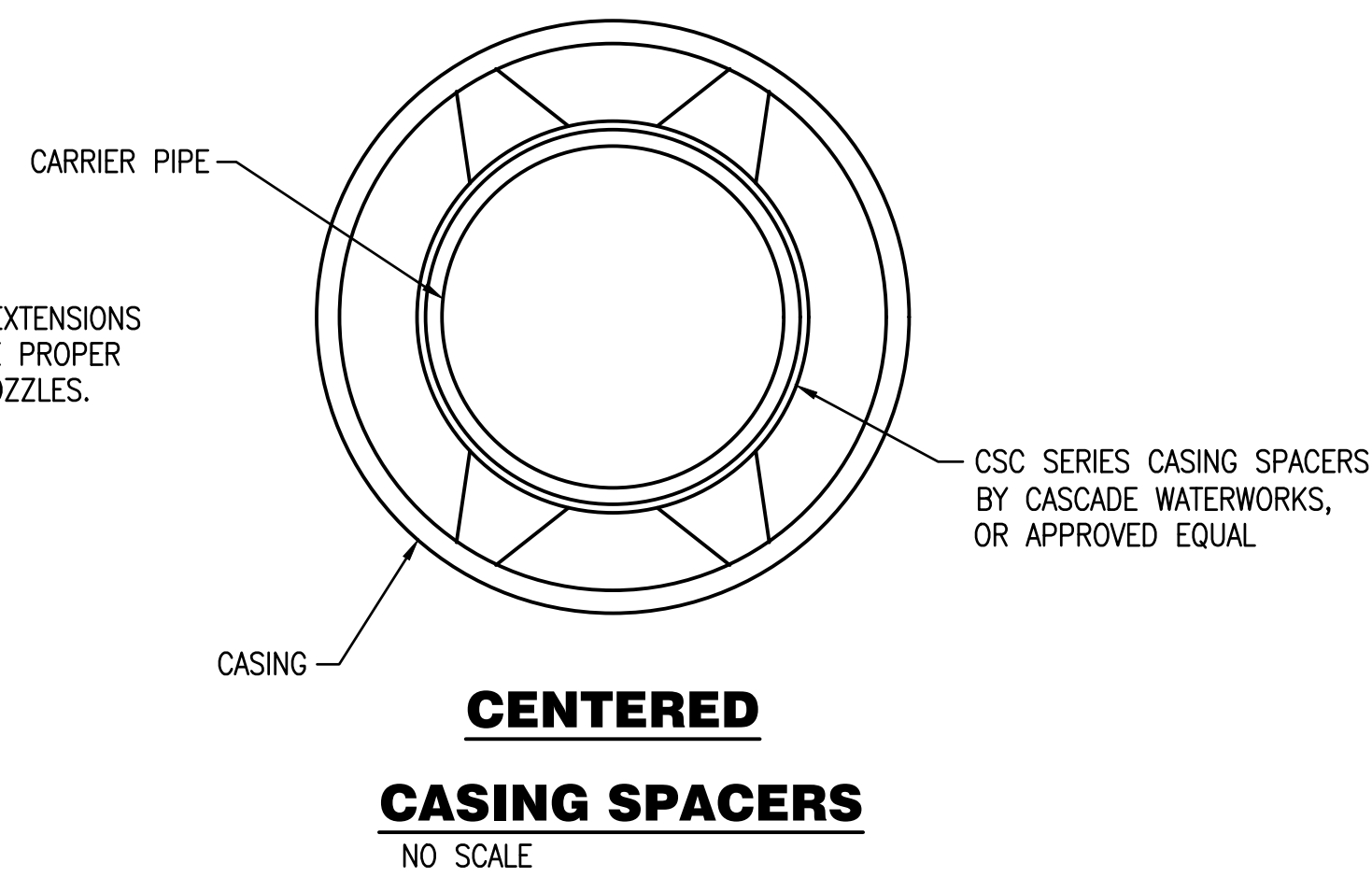
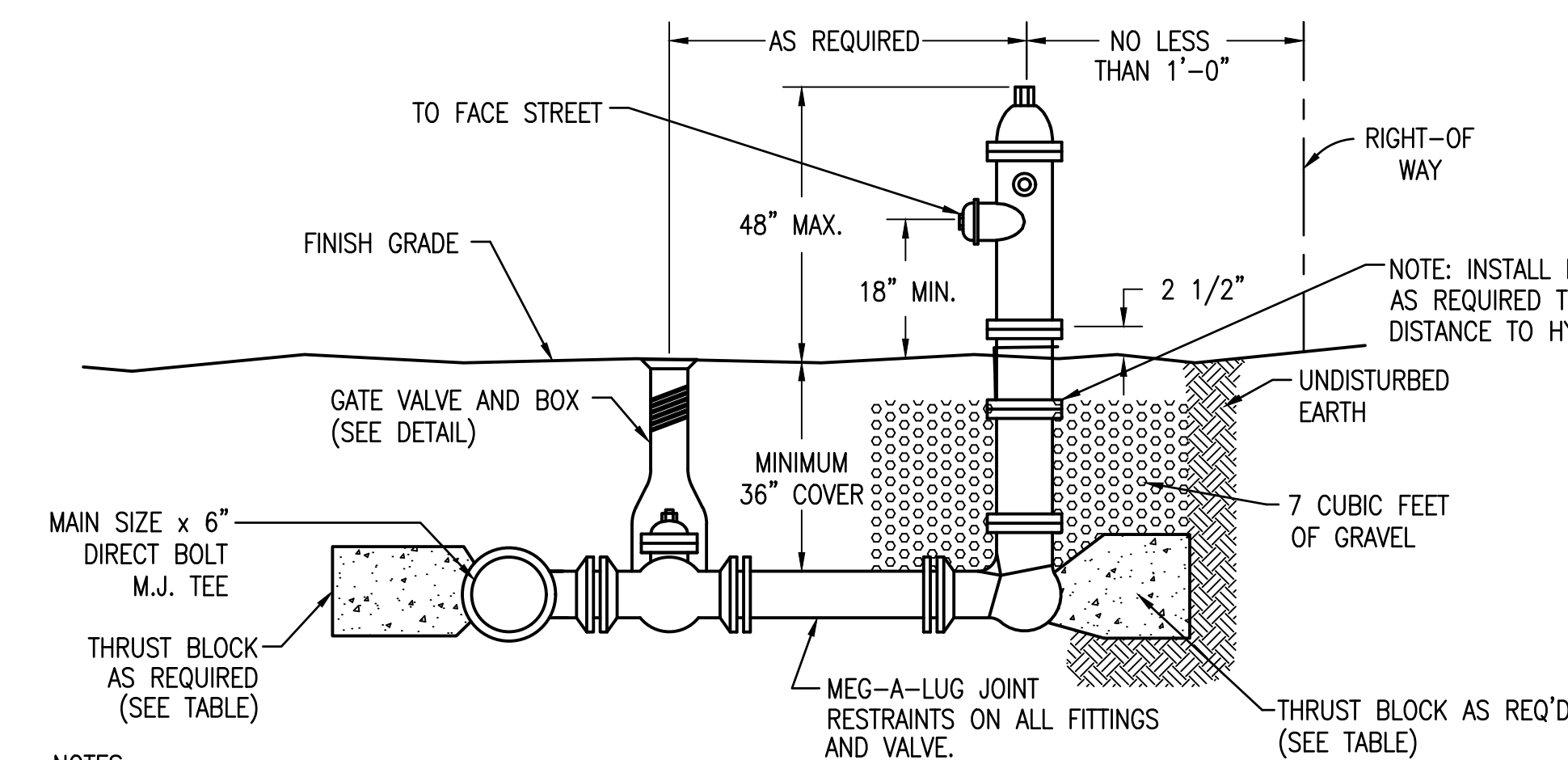
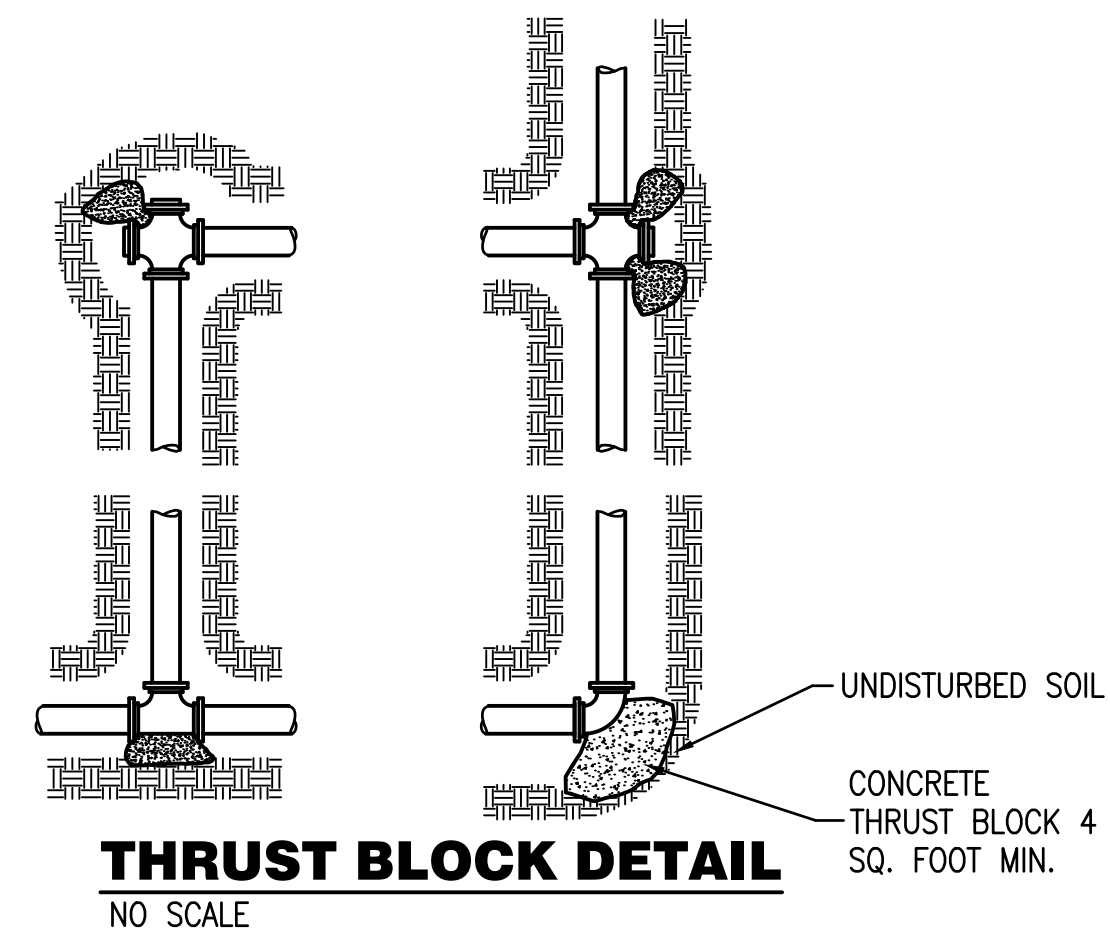
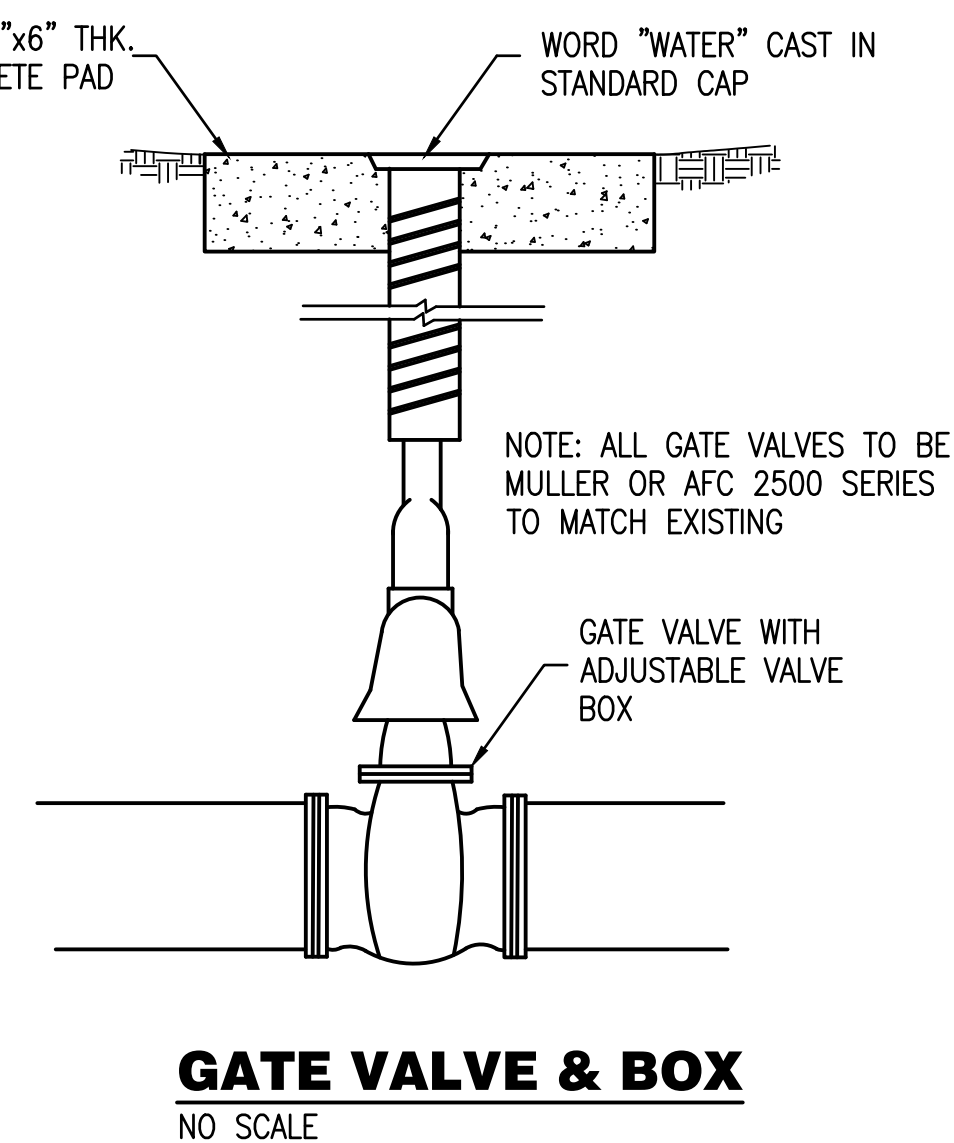
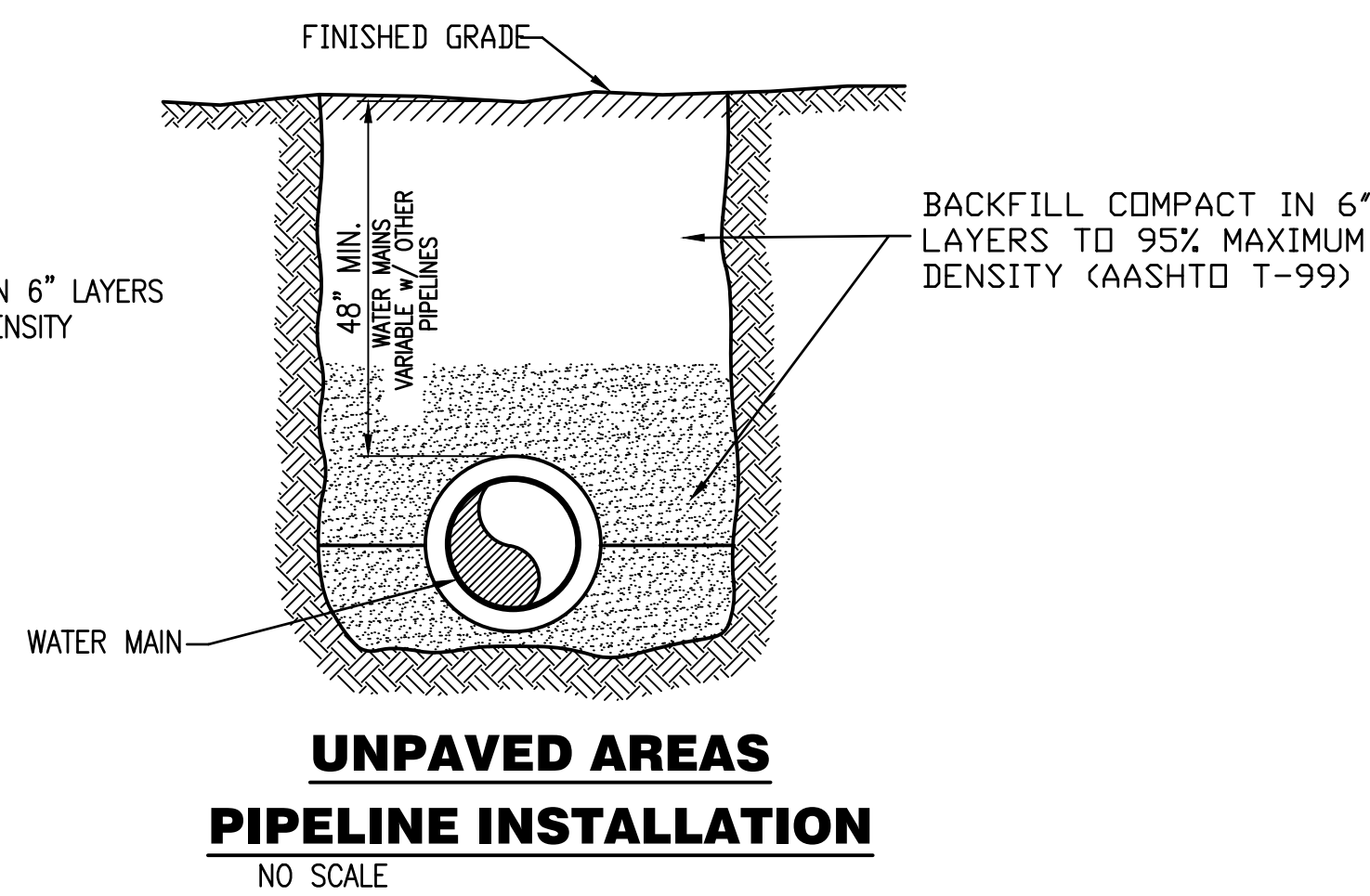
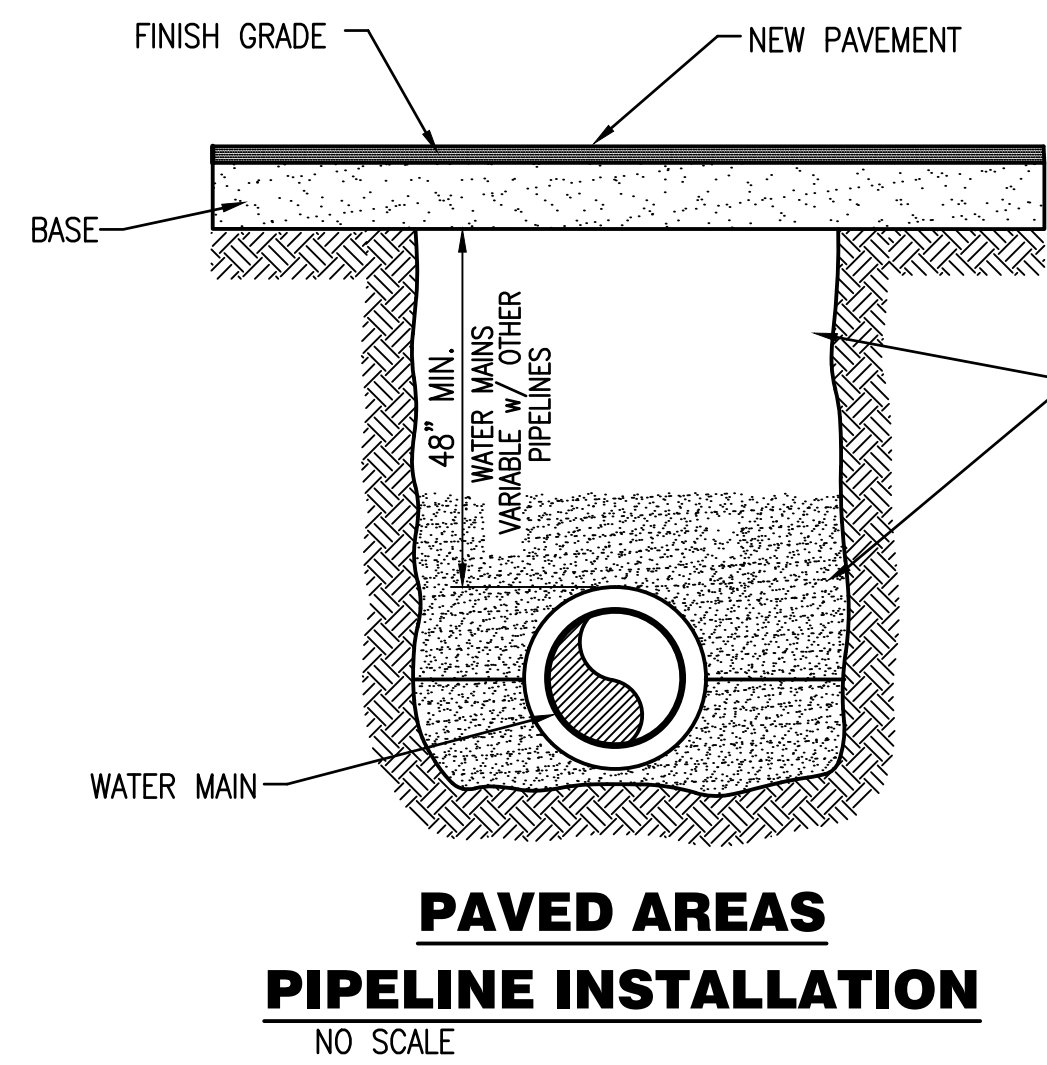
COMPANY/DEPARTMENT	SIGNATURE	TELEPHONE #	EMAIL ADDRESS (PLEASE PRINT NEATLY)
Okaloosa Co. Water & Sewer		850-978-3813	jschewster@myokaloosa.com
OCWS	 Jon Kanak	850-826-0748	jkanak@myokaloosa.com
OCWS		850-978-0013	H. Goodwin@myokaloosa.com
Underground Solutions		229-378-0315	candrews@aejibn.com
Underground Solutions	Mich Dross	904 362 3260	mdross@aejibn.com
L&K CONTRACTORS CO	CHRIS KRAKOWSKI	334-714-9379	landkcontracting@aol.com
Hemphill Construction Company	Jack Gratwick 	601-818-0564	jgratwick@hemphillconstruction.com
Randy Lewis/Triumph GC		850 524 2398	randylewis@aia@gmail.com
Okaloosa County PWR	Delita Mason	850-9089-5960	dmason@myokaloosa.com
Okaloosa County PWR	Jeff Hyde	850-689-5900	jhyde@myokaloosa.com
Poly Inc		334 726 7192	wfulford@poly-inc.com
Poly, Inc	Michael C Evans	850-609-1100	mevans@poly-inc.com



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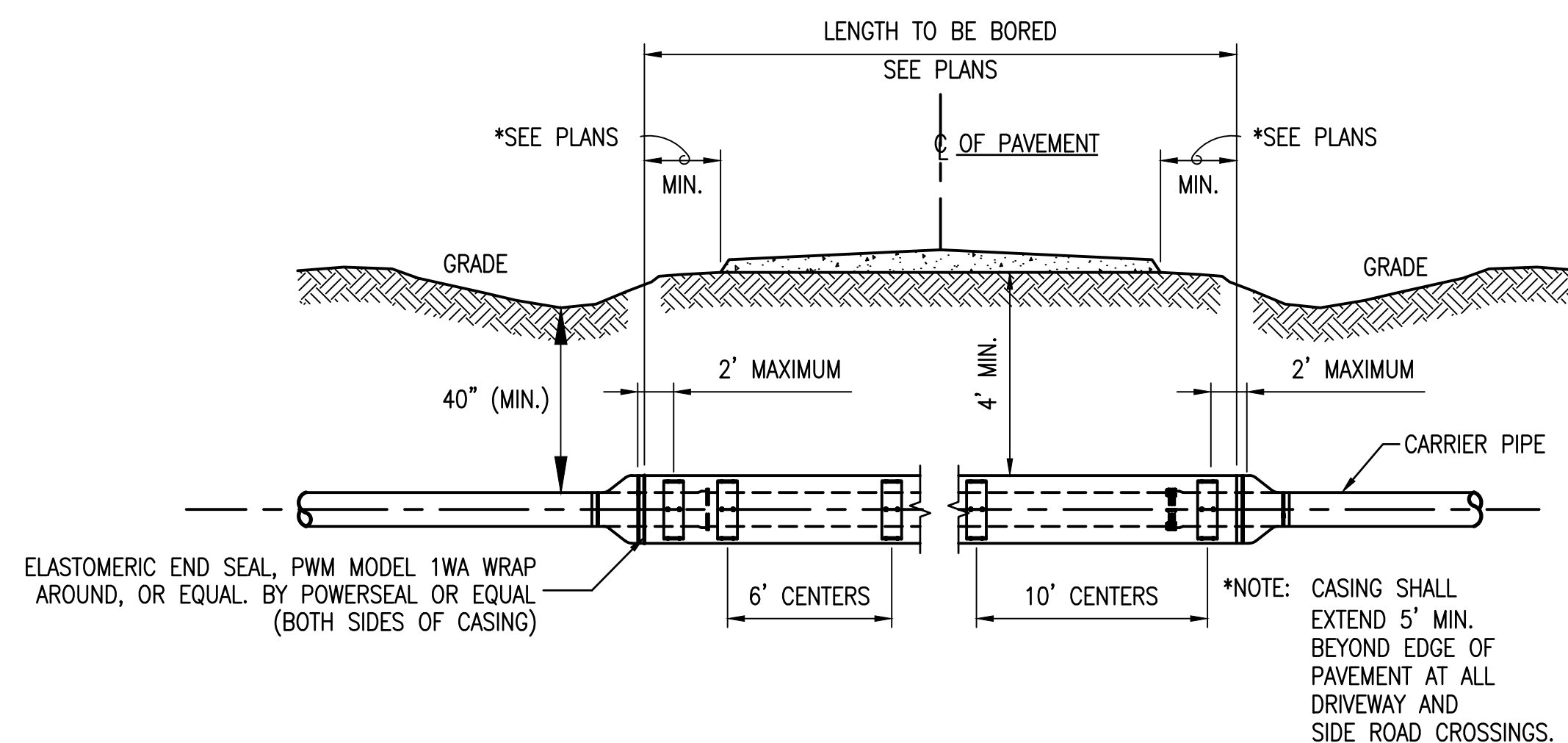
FAIRCHILD ROAD FORCE MAIN	0+00 - 7+80	C-01
FAIRCHILD ROAD FORCE MAIN	7+80 - 15+60	C-02
FAIRCHILD ROAD FORCE MAIN	15+60 - 23+40	C-03
FAIRCHILD ROAD FORCE MAIN	23+40 - 31+20	C-04
FAIRCHILD ROAD FORCE MAIN	31+20 - 39+00	C-05
FAIRCHILD ROAD FORCE MAIN	39+00 - 46+80	C-06
FAIRCHILD ROAD FORCE MAIN	46+80 - 54+60	C-07
FAIRCHILD ROAD FORCE MAIN	54+60 - 62+40	C-08
FAIRCHILD ROAD FORCE MAIN	62+40 - 70+20	C-09
FAIRCHILD ROAD FORCE MAIN	70+20 - 78+00	C-10
FAIRCHILD ROAD FORCE MAIN	78+00 - 85+80	C-11
FAIRCHILD ROAD FORCE MAIN	85+80 - 93+60	C-12
FAIRCHILD ROAD FORCE MAIN	93+60 - 98+66	C-13
HWY 90 EAST WATER MAIN	0+00 - 7+80	C-14
HWY 90 EAST WATER MAIN	7+80 - 15+60	C-15
HWY 90 EAST WATER MAIN	15+60 - 23+40	C-16
HWY 90 EAST WATER MAIN	23+40 - 31+20	C-17
HWY 90 EAST WATER MAIN	31+20 - 39+00	C-18
HWY 90 EAST WATER MAIN	39+00 - 46+80	C-19
HWY 90 EAST WATER MAIN	46+80 - 54+60	C-20
HWY 90 EAST WATER MAIN	54+60 - 62+40	C-21
HWY 90 EAST WATER MAIN	62+40 - 70+20	C-22
HWY 90 EAST WATER MAIN	70+20 - 78+00	C-23
HWY 90 EAST WATER MAIN	78+00 - 85+80	C-24
HWY 90 EAST WATER MAIN	85+80 - 93+60	C-25
HWY 90 EAST WATER MAIN	93+60 - 101+40	C-26
HWY 90 EAST WATER MAIN	101+40 - 109+20	C-27
HWY 90 EAST WATER MAIN	109+20 - 117+00	C-28
HWY 90 EAST WATER MAIN	117+00 - 124+80	C-29
HWY 90 EAST WATER MAIN	124+80 - 132+60	C-30
HWY 90 EAST WATER/FORCE MAIN	132+60 - 140+40	C-31
HWY 90 EAST WATER/FORCE MAIN	140+40 - 148+20	C-32
HWY 90 EAST WATER/FORCE MAIN	148+20 - 156+09	C-33
HWY 90 EAST WATER/FORCE MAIN	156+09 - 163+90	C-34
HWY 90 EAST WATER/FORCE MAIN	163+90 - 171+70	C-35
HWY 90 EAST WATER/FORCE MAIN	171+70 - 179+50	C-36
HWY 90 EAST WATER/FORCE MAIN	179+50 - 187+30	C-37
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- NOTES:**
- ALL FIRE HYDRANTS SHALL FACE THE STREET AND BE LOCATED WITHIN 5 FEET OF THE RIGHT-OF-WAY UNLESS OTHERWISE SHOWN OR DIRECTED ON LOT LINES.
 - ALL FIRE HYDRANTS SHALL HAVE MAIN SIZE BY 6" DIRECT BOLT M.J. TEES AND ALL HYDRANT LEADS SHALL BE DUCTILE IRON CEMENT LINED CLASS 350 PIPE WITH MEG-A-LUG JOINT RESTRAINTS.
 - THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL ADAPTERS, GLANDS AND OTHER FITTINGS REQUIRED TO PROPERLY INSTALL THE FIRE HYDRANT. A FIRE HYDRANT EXTENSION PIECE OF THE SAME BRAND AS THE FIRE HYDRANT SHALL BE USED TO ADJUST HYDRANT TO PROPER GRADE. HYDRANTS TO BE TRUE AND PLUMB. EARTH BUILT-UP AROUND HYDRANT TO ADJUST GRADE IS NOT ACCEPTABLE. HYDRANT EXTENSIONS (IF REQUIRED) SHALL BE INCLUDED IN PRICE FOR HYDRANT ASSEMBLY.
 - CONCRETE THRUST BLOCKS SHALL NOT OBSTRUCT HYDRANT DRAIN HOLES. THRUST BLOCKS SHALL CONSIST OF 2500 PSI CONCRETE POURED AGAINST UNDISTURBED EARTH.
 - INSTALL A LOCATOR WIRE, 12 GAUGE COATED SOLID COPPER WIRE, FROM WATER MAIN AND CONNECT TO THE FIRE HYDRANT AND VALVE BOX AS SHOWN.

FIRE HYDRANT ASSEMBLY DETAIL
Not to scale



TYPICAL JACKING & BORING DETAIL
NOT TO SCALE

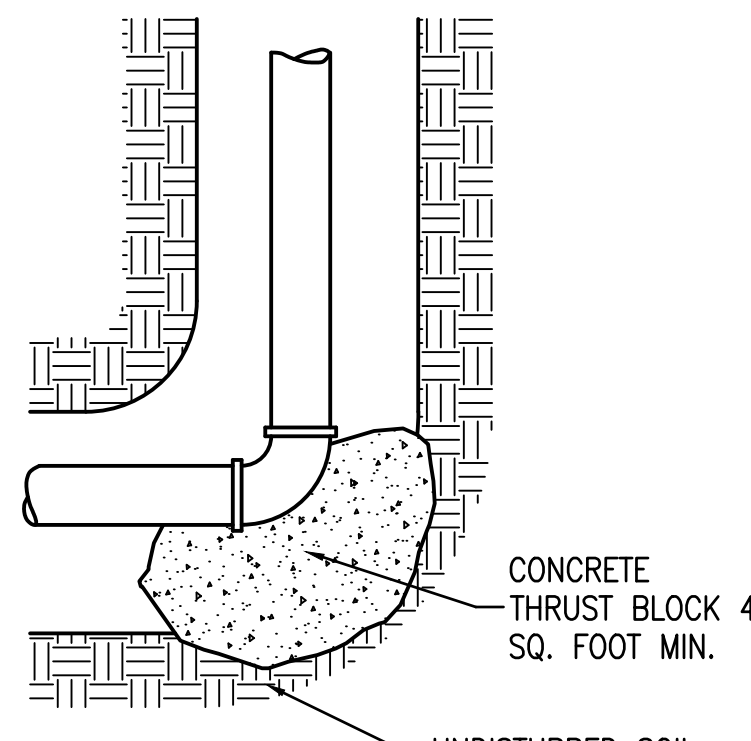
LOCATION OF PUBLIC WATER SYSTEM MAINS IN ACCORDANCE WITH F.A.C. RULE 62-555.314

Other Pipe	Horizontal Separation	Crossings (1)	Joint Spacing @ Crossings (Full Joint Centered)
Storm Sewer, Stormwater Force Main, Reclaimed Water (2)	Water Main 3 ft. minimum	Water Main 12 inches is the minimum, except for storm sewer, then 6 inches is the minimum and 12 inches is preferred	Alternate 3 ft. minimum Water Main
Vacuum Sanitary Sewer	Water Main 10 ft. preferred 3 ft. minimum	Water Main 12 inches preferred 6 inches minimum	Alternate 3 ft. minimum Water Main
Gravity or Pressure Sanitary Sewer, Sanitary Sewer Force Main, Reclaimed Water (4)	Water Main 10 ft. preferred 6 ft. minimum (3)	Water Main 12 inches is the minimum, except for gravity sewer, then 6 inches is the minimum and 12 inches is preferred	Alternate 6 ft. minimum Water Main
On-Site Sewage Treatment & Disposal System	10 ft. minimum	---	---

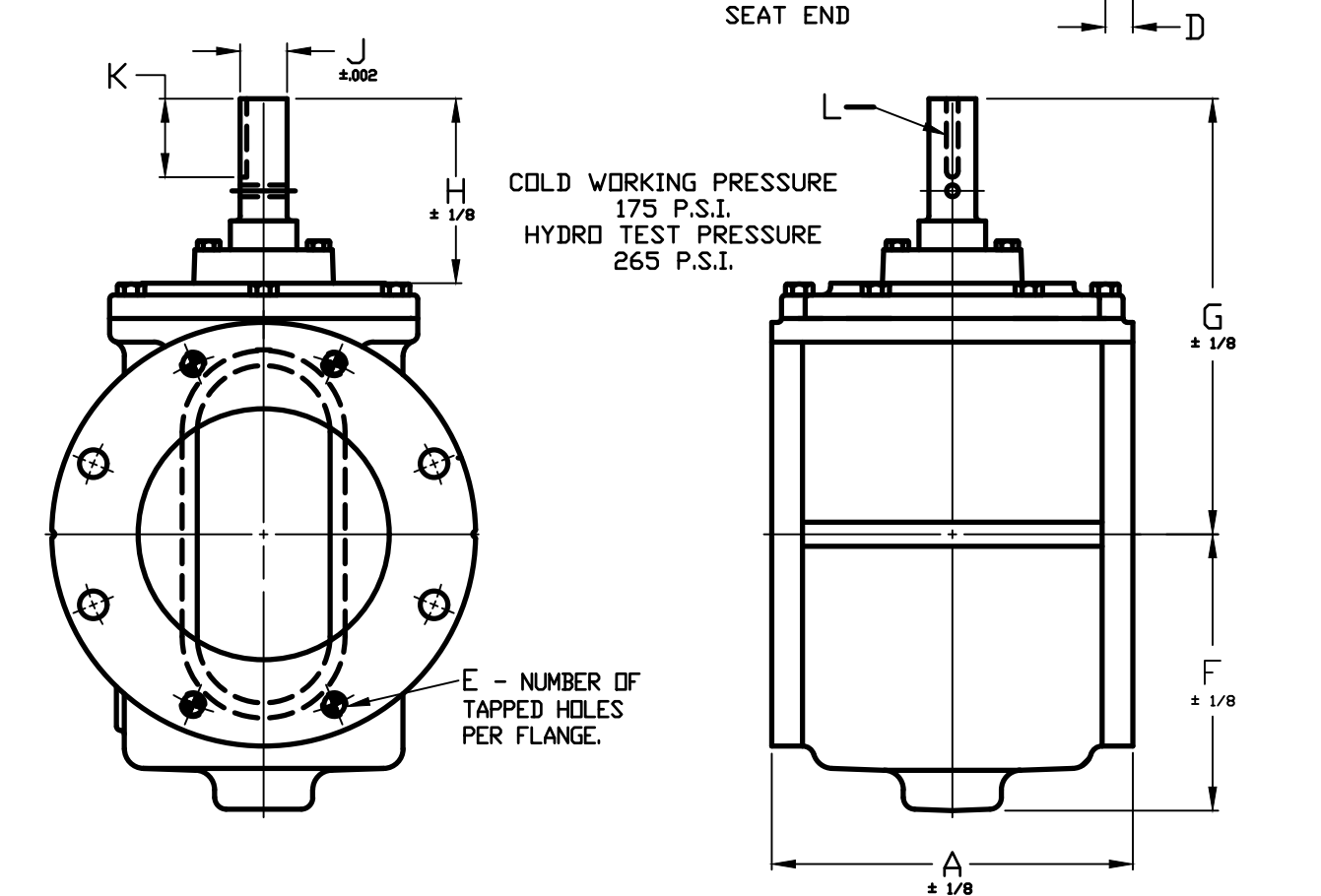
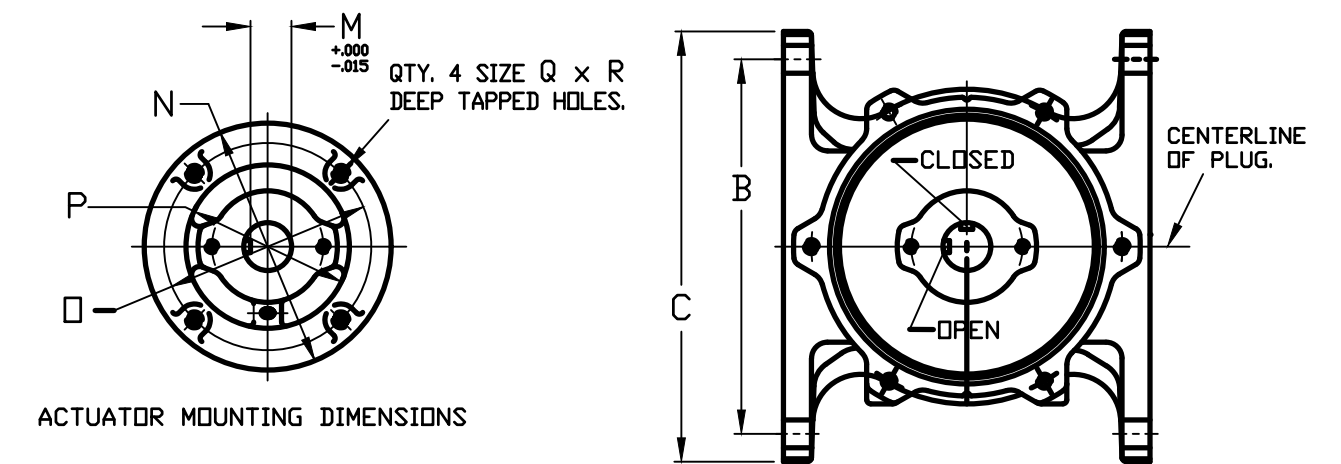
- (1) Water main should cross above other pipe. When water main must be below other pipe, the minimum separation is 12 inches.
 (2) Reclaimed water regulated under Part III of Chapter 62-610, F.A.C.
 (3) 3 ft. for gravity sanitary sewer where the bottom of the water main is laid at least 6 inches above the top of the gravity sanitary sewer.
 (4) Reclaimed water not regulated under Part III of Chapter 62-610, F.A.C.

Disclaimer - This document is provided for your convenience only. Please refer to F.A.C. Rule 62-555.314 for additional construction requirements.

SEPARATION REQUIREMENTS
NOT TO SCALE



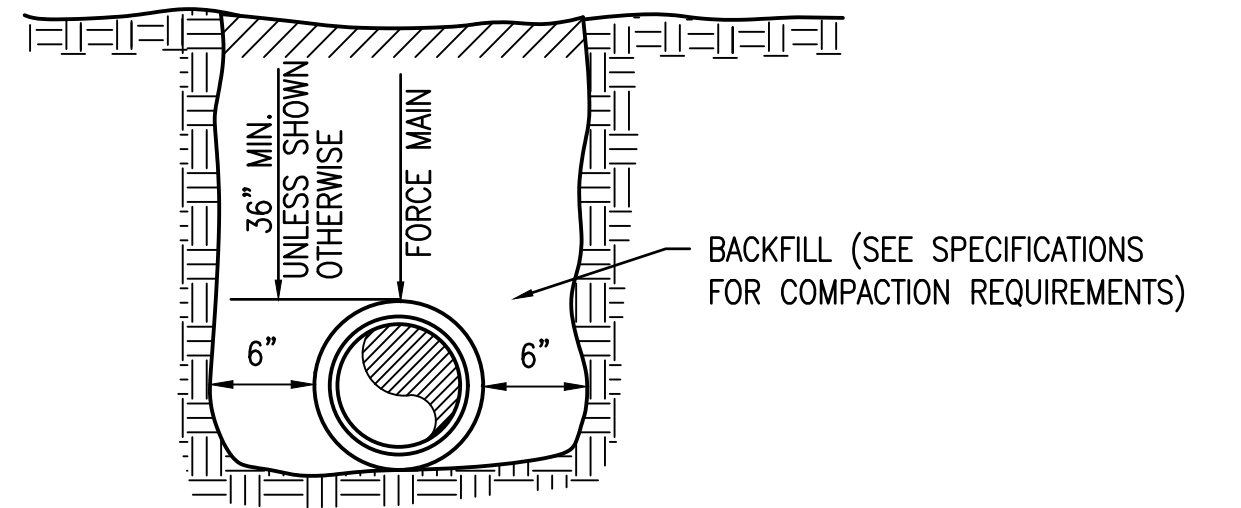
THRUST BLOCK DETAIL



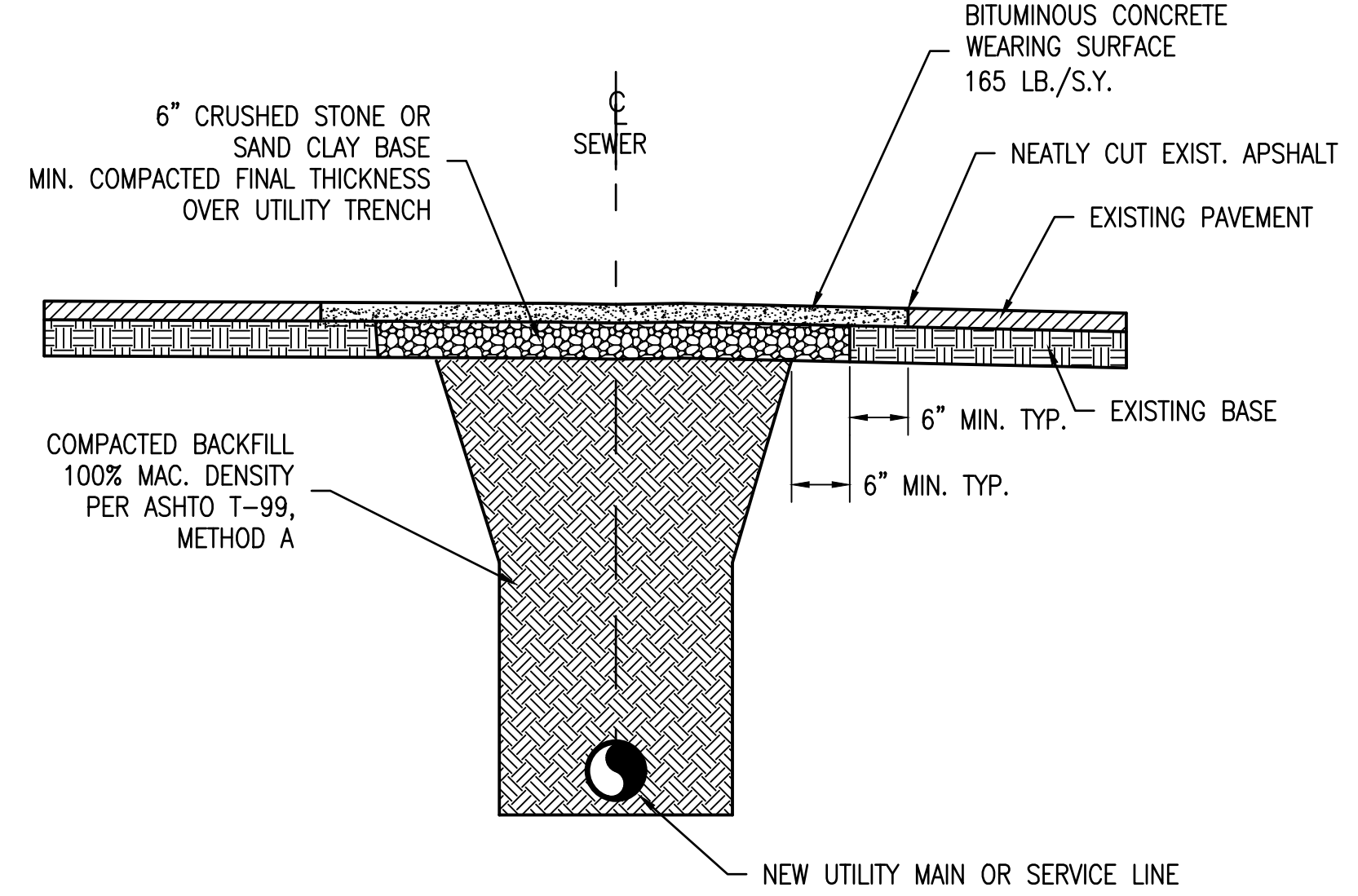
FLANGE DIMENSIONS, INCHES

VALVE SIZE	A	B	C	D	E QTY.	E TAP DEEP	F	G	H	J	K	L	M	N	O	P	Q	R	BOLT SIZE	NO. OF BOLTS
12																			3/4	8

PLUG VALVE & BOX

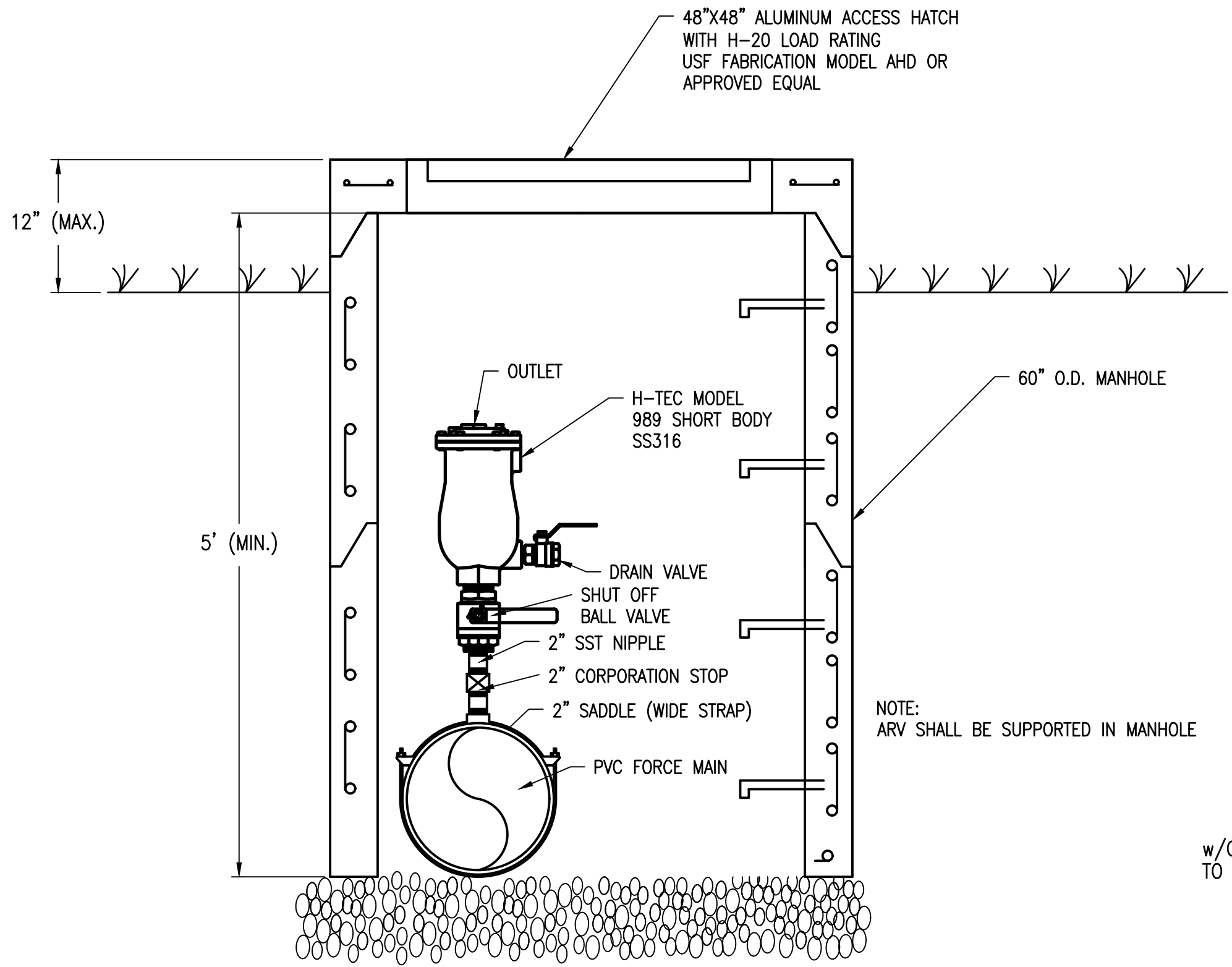


UNPAVED AREAS

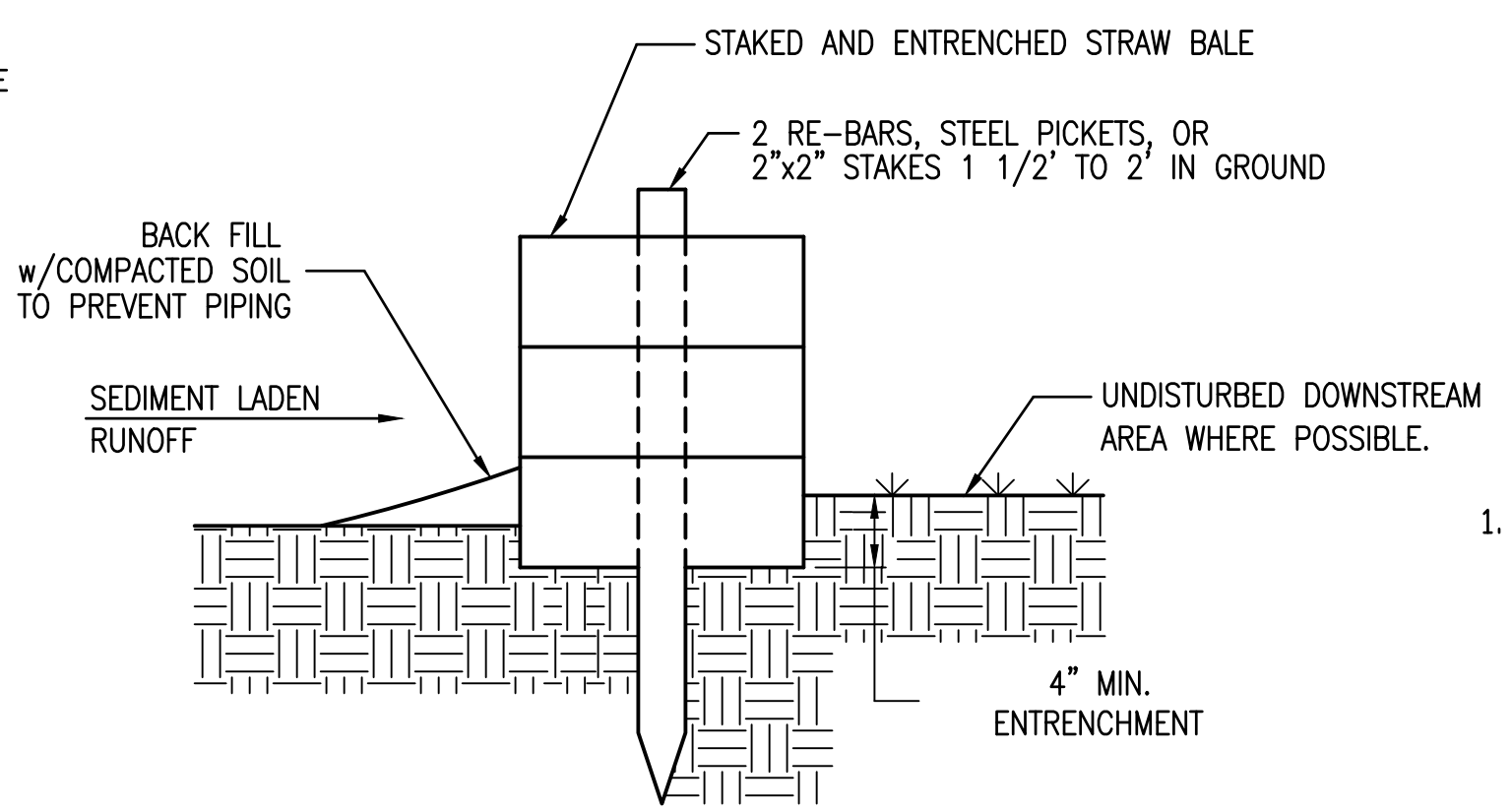


TYPICAL PAVING REPLACEMENT SECTION (REMOVE/REPLACE)

NO SCALE



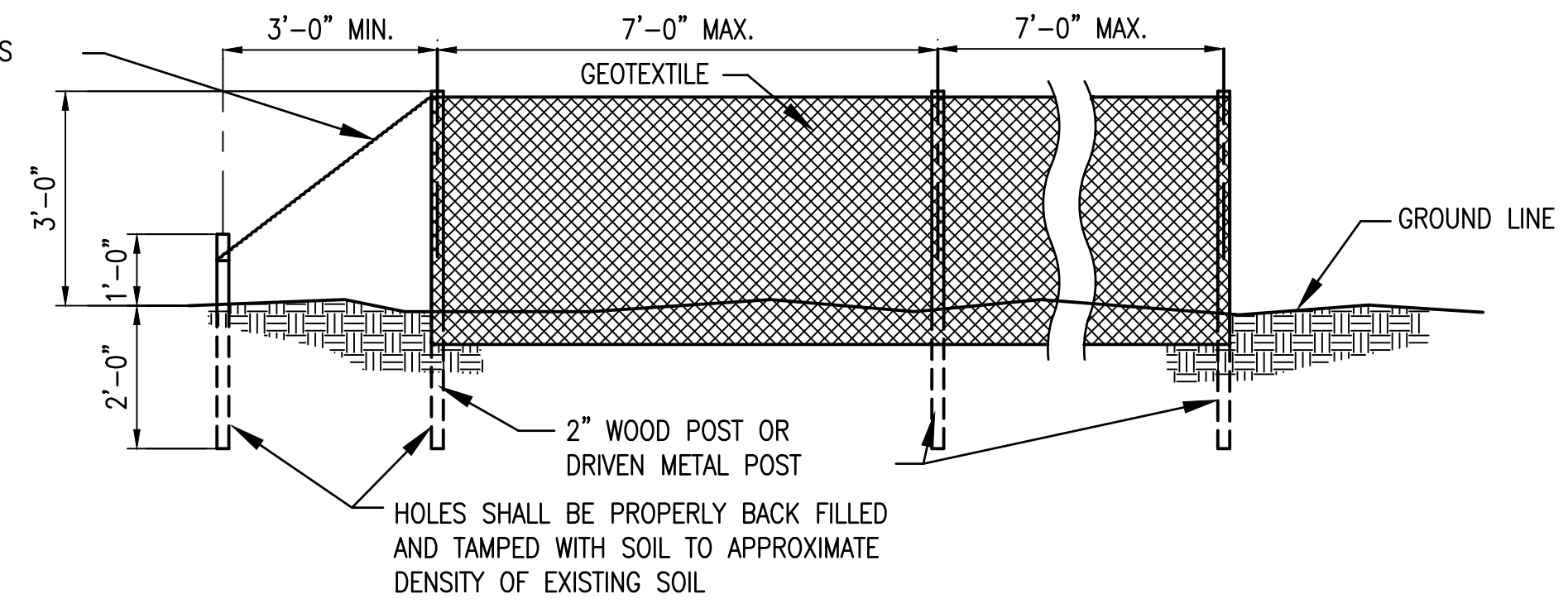
2" SEWAGE AUTOMATIC AIR RELEASE AND VACUUM VALVE IN PRE-CAST 60" DOGHOUSE FLAT TOP MANHOLE OVER FORCE MAIN



NOTES:
BALES WILL BE PLACED IN A SINGLE ROW, LENGTHWISE, ON THE CONTOUR.

TYPICAL INSTALLATION OF STRAW BALES

2 WIRES TWISTED TO SINGING TAUTNESS (12 GA. MINIMUM)



SILT FENCE DETAIL

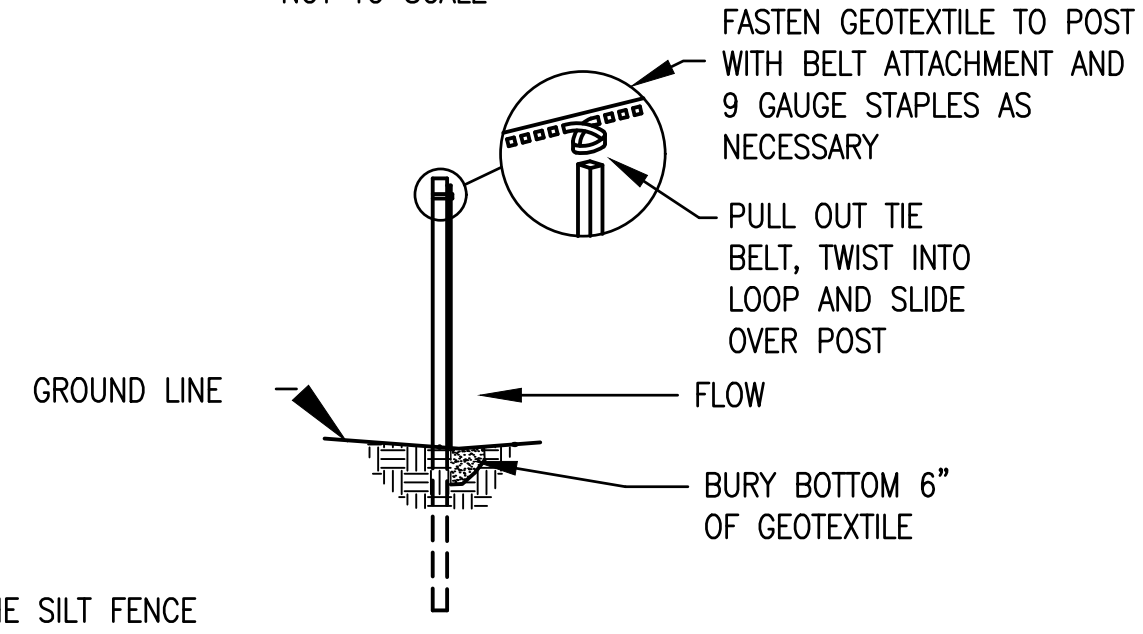
NOT TO SCALE

GENERAL NOTES:

1. GEOTEXTILE FABRIC SHALL BE A MIN. OF 36" IN WIDTH AND SHALL BE ADEQUATELY FASTENED TO THE WIRE.

MAINTENANCE

1. THE CONTRACTOR SHALL MAINTAIN THE SILT FENCE UNTIL THE PROJECT IS VEGETATED OR ACCEPTED.
2. FILTER FABRIC SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT IT REDUCES THE EFFECTIVENESS OF THE FABRIC.



SECTION

NOT TO SCALE

Poly, Inc. - H:\MASTER PROJECT FOLDER(41) Okaloosa\41-470 HWY 90 W&SW\IP01-GENERAL\Details.dwg [FORCE MAIN - EROSION CONTROL DETAILS] Last Printed: March 11, 2020 - 12:55pm By: mevans

