

ADDENDUM NO. 2:

Date: February 9, 2026
Project: Verbena Elementary School Classroom, Kitchen and Gym Additions
DCM# 2025552

Owner: Chilton County Board of Education
Architect: Ward Scott Morris Architecture, Inc.

BID DATE: February 10, 2026
BID TIME: 2:30 PM Local Time
BID LOCATION: Chilton County Board of Education, 1705 Lay Dam Road



This Addendum forms a part of the Contract Documents and modifies the original Bid Documents dated January 14, 2026, as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Proposal Form.

1.1 SPECIFICATIONS:

- A. Proposal Form; Unit Prices, DCM Form C-3; para. 1.1.A; change unit price measurement to cubic yards in lieu of cubic feet.
- B. Section 085113; Aluminum Windows; Para 2.1; Manufactures; Add Thermal Windows, Inc.

1.2 DRAWINGS:

- A. Sheets C601 and C803; replace with attached revised sheets.
- B. Sheet C602; Add the attached sheet to the construction documents.

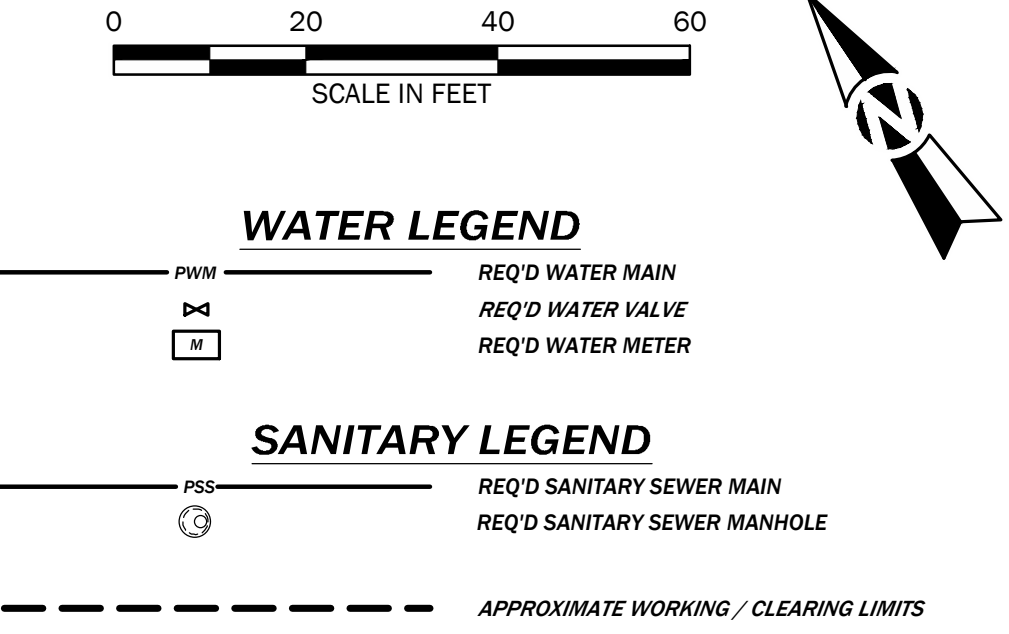
ATTACHED TO ADDENDUM

Sheets C601, C602 and C803

END OF ADDENDUM

GENERAL ALDOT PROJECT NOTES:

1. ALL METERS ARE TO BE INSTALLED OFF OF ALDOT RIGHT-OF-WAY.
2. ALL MANHOLES, VALVE BOXES, AND HAND HOLES SHOULD BE FLUSH WITH EXISTING GROUND.
3. THE APPLICANT SHALL NOTIFY THE DISTRICT ADMINISTRATOR AT (205) 366-2954 A MINIMUM OF 48 HOURS PRIOR TO BEGINNING WORK WITHIN ALDOT RIGHT-OF-WAY. [DANIEL HALMON - (205) 764-8207]
4. WRITE LETTER REQUESTING TO MEET WITH DISTRICT ADMINISTRATOR UPON COMPLETION OF PERMITTED WORK TO EVALUATE PUNCH LIST FOR COMPLETION OF PROJECT.
5. IF APPLICABLE, THE BOND ASSOCIATED WITH THE PERMIT WILL BE GOOD FOR ONE FULL YEAR AFTER THE WORK IS ACCEPTED BY THE DEPARTMENT.
6. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH PART 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) 2003 EDITION. (IF PERMIT WORK WILL NECESSITATE ANY LANE CLOSURES, LANE CLOSURE MUST BE MADE PART OF THE PERMIT.)
7. ON SITE REPRESENTATIVES & CONTACT INFORMATION:
8. ON SITE REPRESENTATIVES WILL HAVE ON HAND, AT ALL TIMES:
 - A. APPROVED PERMIT AND PLANS AS APPROVED BY THE AREA ENGINEER
 - B. TRAFFIC CONTROL PLANS
 - C. EROSION CONTROL PLANS
9. ALL DISTURBED AREAS WILL BE RESODDED OR SEEDDED AS DIRECTED BY THE DEPARTMENT OF TRANSPORTATION'S DISTRICT ADMINISTRATOR
10. ALL WORK WILL MEET OR EXCEED ALDOT SPECIFICATIONS.
11. ALL WORK ON THE ROW WILL BE IN THE CONFORMANCE WITH THE LATEST EDITION OF ALDOT STANDARD SPECIFICATION.
12. ELECTRIC POWER AND COMMUNICATION FACILITIES WILL CONFORM TO THE CURRENT APPLICABLE NATIONAL ELECTRICAL SAFETY CODE.
13. A BEST MANAGEMENT PLAN SHALL AT MINIMUM RETURN ALL EXPOSED AREAS TO ORIGINAL OR BETTER CONDITION WITH A GOOD STAND OF GRASS AND/ OR SOD, SILT FENCE, WATTLES, AND ANY OTHER EROSION CONTROL ITEMS NECESSARY SHALL BE USED TO PREVENT EROSION.
14. ALL TREES OVER 4" DBH SHALL NOT BE CUT/REMOVED WITHOUT WRITTEN PERMISSION FROM ALDOT.
15. ALL INSTALLATIONS THAT REQUIRE BORE PITS MUST STATE/ DEPICT BORE PIT DIMENSIONS.
16. ABSOLUTELY NO BORE PITS SHALL BE ALLOWED TO BE UNFILLED AND/OR UNCOVERED OVERNIGHT UNLESS PROTECTED. (BORE PITS ARE ALLOWED UP TO 72 HOURS TO BE OPEN BEFORE BEING FILLED UPON COMPLETION OF THE BORE.)
17. UPON COMPLETION AND ANY TIME THEREAFTER, ALDOT RETAINS THE RIGHT TO REQUEST AN AS-BUILT PROFILE ON ANY BURIED UTILITIES IN SAID DEPARTMENT'S ROW.
18. WARNINGS: DO NOT DISTURB SURVEY MARKERS LOCATED ON ALDOT R.O.W. ANY PROPERTY MARKERS DISTURBED DURING CONSTRUCTION SHALL BE RE-ESTABLISHED BY AN ALABAMA LICENSED PROFESSIONAL LAND SURVEYOR AT THE CONTRACTOR/ APPLICANT'S EXPENSE.
19. THE AMOUNT OF AREA TO BE DISTURBED DURING CONSTRUCTION OF THIS PERMIT IS: >1 ACRES) (ON AND OFF OF RIGHT-OF-WAY)
20. WATER LINES SHALL CONFORM TO THE CURRENTLY APPLICABLE STANDARDS OF THE AMERICAN WATER WORKS ASSOCIATION.
21. PRESSURE PIPE LINES WILL CONFORM TO THE CURRENTLY APPLICABLE STANDARDS OF THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).
22. AS REQUIRED BY ALABAMA ACT 94-487, CALL TWO WORKING DAYS BEFORE EXCAVATION 1-800-292-8525, ALABAMA LINE LOCATION CENTER, INC.
23. IT SHALL BE THE CONTRACTOR/ APPLICANT'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY OWNERS AND DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES ON THE PROJECT, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE COMMENCING WORK. THE CONTRACTOR/ APPLICANT SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.
24. THE CONTRACTOR/ APPLICANT SHALL BE RESPONSIBLE FOR ANY ORNAMENTAL VEGETATIVE LANDSCAPING (SHRUBS, FLOWERS, ORNAMENTAL GRASS, ETC.) DISTURBED DURING CONSTRUCTION AND SHALL BE REPLACED, TRANSPLANTED OR RE-SODDED AS DIRECTED BY THE ALABAMA DEPARTMENT OF TRANSPORTATION DISTRICT ADMINISTRATOR.
25. ALL FILL MATERIAL OR ONSITE DEBRIS DEPOSITED IN THE RIGHT-OF-WAY SHALL BE REMOVED PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
26. THE CONTRACTOR/ APPLICANT SHALL BE RESPONSIBLE FOR ANY SOLID WASTE (I.E. WOOD, STUMPS, ETC.) TO BE DISPOSED OF AND MUST BE IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM).
27. PROPERTY OBSTRUCTIONS WHICH ARE TO REMAIN IN PLACE, SUCH AS HISTORICAL STRUCTURES, TREES, DRAINS, WATER OR GAS PIPES, POLES, WALLS, ETC. ARE NOT TO BE DISTURBED UNLESS NOTED AND APPROVED BY SHPO, ALDOT, ADEM, EPA, ETC.
28. CLEAN UP STREETS IMMEDIATELY AFTER CONCRETE OR OTHER DELIVERY TRUCKS LEAVE THE SITE. MUD AND DEBRIS ARE TO BE KEPT OFF STREETS, INLETS, DITCHES ETC.
29. FUEL TANKS SHALL NOT BE STORED ON THE RIGHT-OF-WAY OVERNIGHT. VEHICLES TRANSPORTING FUEL, CHEMICALS, FERTILIZERS, ETC. ONTO RIGHT-OF-WAY SHALL NOT BE LEFT UNATTENDED.
30. PROMPTLY NOTIFY THE ENGINEER AND ALDOT OF ANY PERCEIVED CONFLICTS, AMBIGUOUS ITEMS OR DEFICIENCIES IN THE PLANS, SPECIFICATIONS, GENERAL NOTES OR RELATED CONTRACT DOCUMENTS.
31. MILEPOST 212.80 TO 212.85, SPEED LIMIT 55, STOPPING SIGHT DISTANCE 495 FEET
32. CONTRACTOR'S VEHICLES AND EQUIPMENT SHALL NOT BE STORED OR LEFT UNATTENDED WITHIN THE 30 FOOT CLEAR ZONE OUTSIDE OF WORKING HOURS.

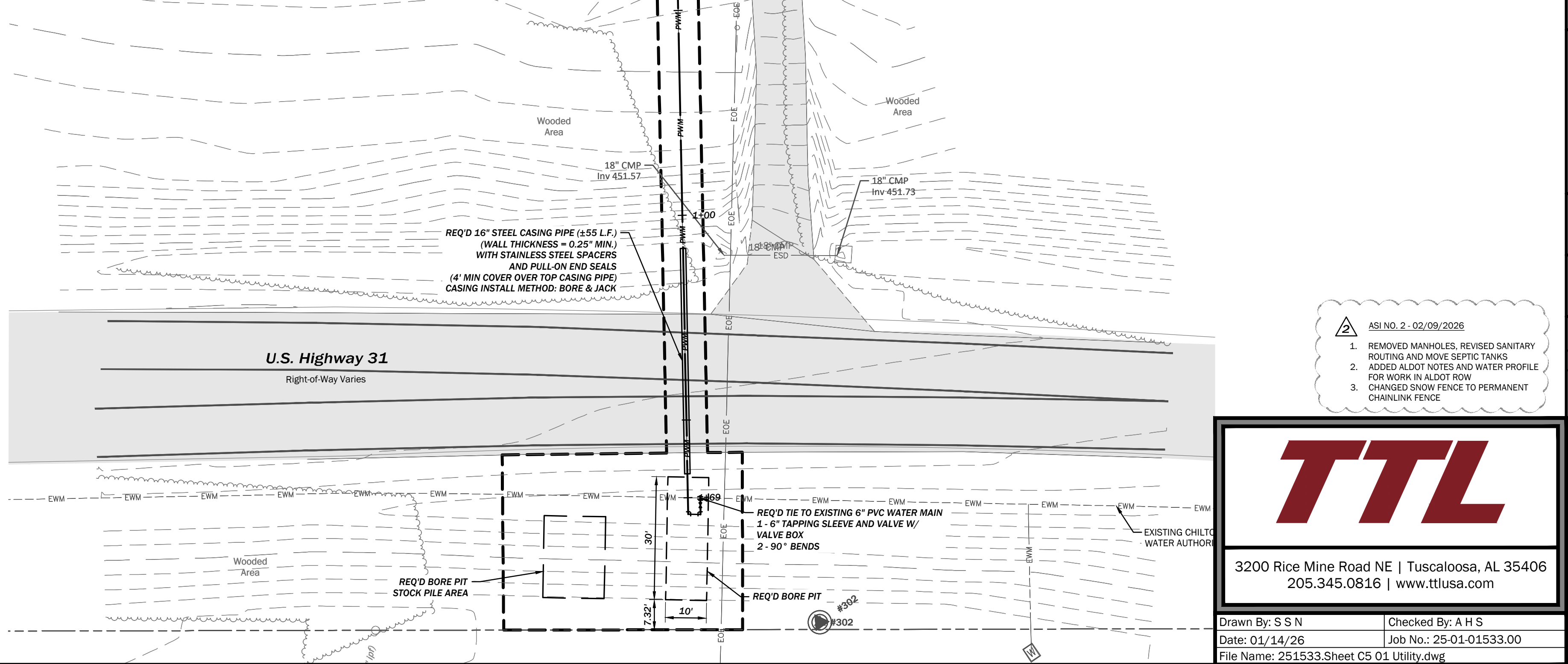
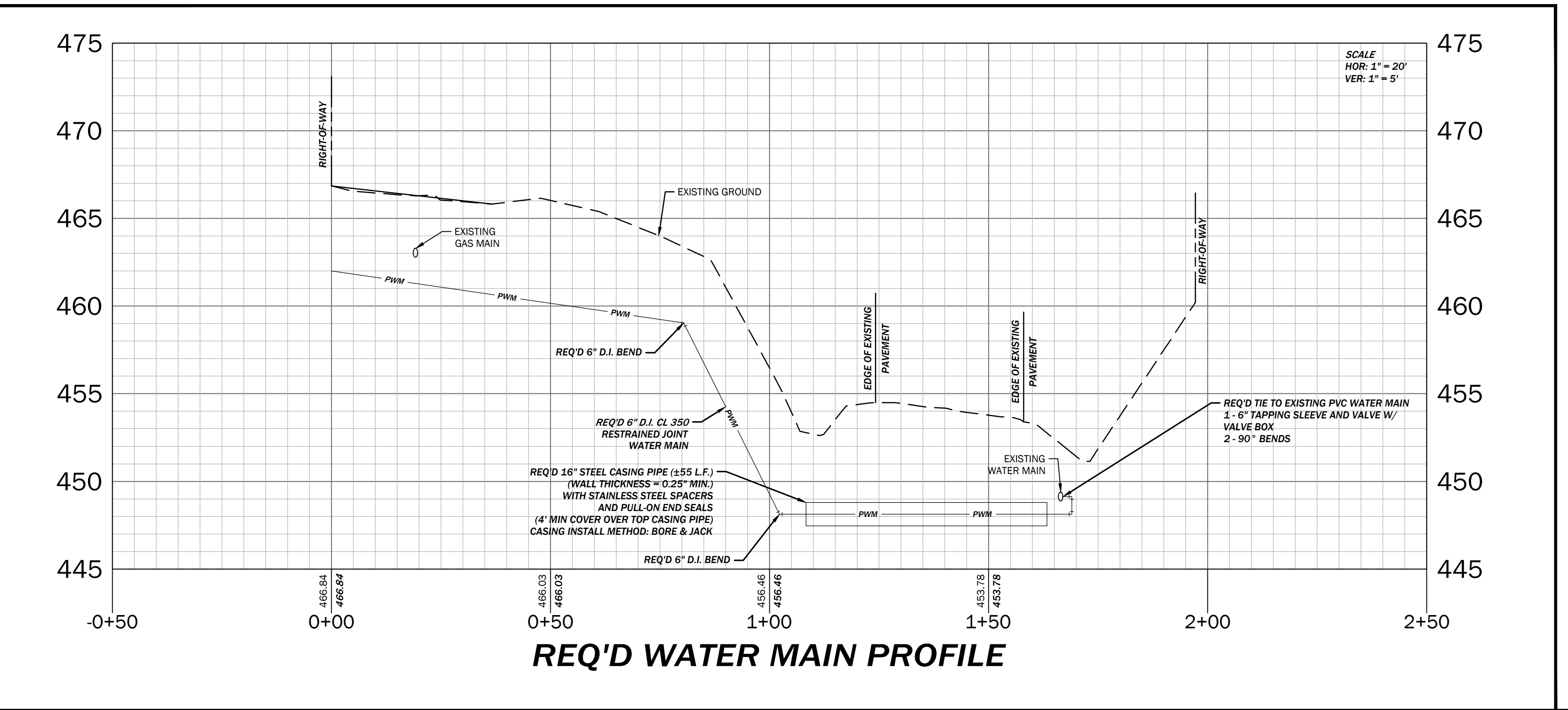
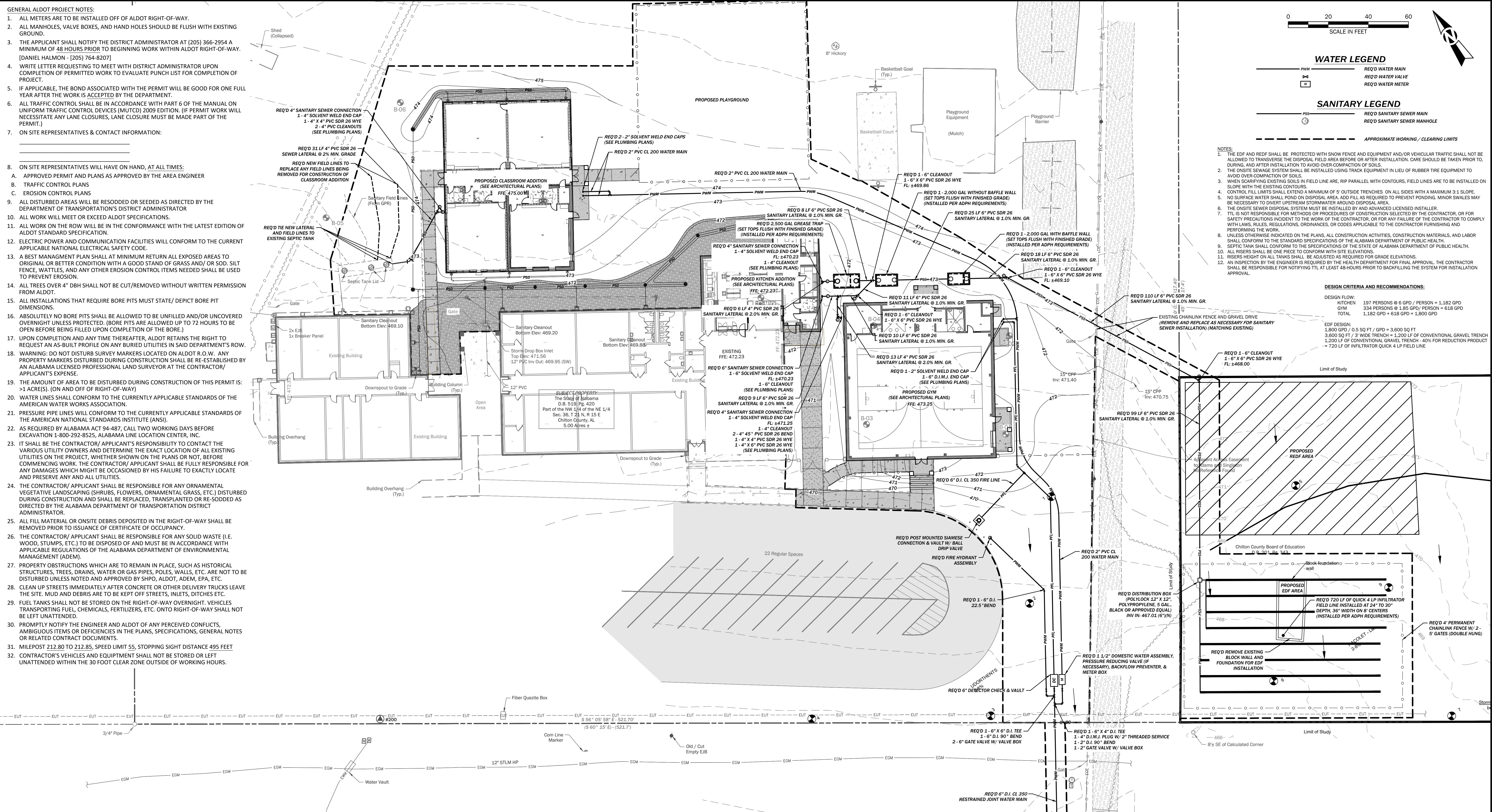


- NOTES:**
1. THE EDF AND REEF SHALL BE PROTECTED WITH SNOW FENCE AND EQUIPMENT AND/OR VEHICULAR TRAFFIC SHALL NOT BE ALLOWED TO TRANSVERSE THE DISPOSAL FIELD AREA BEFORE OR AFTER INSTALLATION. CARE SHOULD BE TAKEN PRIOR TO DURING AND AFTER INSTALLATION TO AVOID OVER-COMPACTING OF SOILS.
 2. THE ONSITE STORAGE SYSTEM SHALL BE INSTALLED USING TRACK-EQUIPMENT IN LIEU OF RUBBER TIRE EQUIPMENT TO AVOID OVER-COMPACTING OF SOILS.
 3. WHEN SCARPING EXISTING SOILS IN FIELD LINE AREA, RIP PARALLEL WITH CONTOURS. FIELD LINES ARE TO BE INSTALLED ON SLOPE WITH THE EXISTING CONTOURS.
 4. CONTROL FILL LIMITS SHALL EXTEND A MINIMUM OF 5' OUTSIDE TRENCHES ON ALL SIDES WITH A MAXIMUM 3:1 SLOPE.
 5. NO SURFACE WATER SHALL RUN ON DISPOSAL AREA ADD FILL AS REQUIRED TO PREVENT SPREADING. MINOR SHOALS MAY BE NECESSARY TO DIVERT UPSTREAM STORMWATER AROUND DISPOSAL AREA.
 6. THE ONSITE SEWER DISPOSAL SYSTEM MUST BE INSTALLED BY AND ADVANCED LICENSED INSTALLER.
 7. TTL IS NOT RESPONSIBLE FOR METHODS OR PROCEDURES OF CONSTRUCTION SELECTED BY THE CONTRACTOR, OR FOR SAFETY PRECAUTIONS INCIDENT TO THE WORK OF THE CONTRACTOR, OR FOR ANY FAILURE OF THE CONTRACTOR TO COMPLY WITH LAWS, RULES, REGULATIONS, ORDINANCES, OR CODES APPLICABLE TO THE CONTRACTOR FURNISHING AND PERFORMING THE WORK.
 8. UNLESS OTHERWISE INDICATED ON THE PLANS, ALL CONSTRUCTION ACTIVITIES, CONSTRUCTION MATERIALS, AND LABOR SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF THE ALABAMA DEPARTMENT OF PUBLIC HEALTH.
 9. SEPTIC TANK SHALL CONFORM TO THE SPECIFICATIONS OF THE STATE OF ALABAMA DEPARTMENT OF PUBLIC HEALTH.
 10. ALL RISERS SHALL BE ONE RISE WITH SITE ELEVATIONS.
 11. RISERS HEIGHT ON ALL TANKS SHALL BE ADJUSTED AS REQUIRED FOR GRADE ELEVATIONS.
 12. AN INSPECTION BY THE ENGINEER IS REQUIRED BY THE HEALTH DEPARTMENT FOR FINAL APPROVAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING TTL AT LEAST 48 HOURS PRIOR TO BACKFILLING THE SYSTEM FOR INSTALLATION APPROVAL.

DESIGN CRITERIA AND RECOMMENDATIONS:

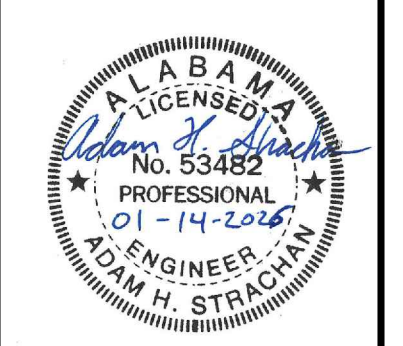
DESIGN FLOW:	197 PERSONS @ 6 GPD / PERSON = 1,182 GPD
KITCHEN:	334 PERSONS @ 385 GPD / PERSON = 618 GPD
GYM:	1,800 GPD / 0.5 SQ FT / GPD = 3,600 SQ FT
TOTAL:	1,182 GPD + 618 GPD = 1,800 GPD

EDF DESIGN:
 1,800 GPD / 0.5 SQ FT / GPD = 3,600 SQ FT
 3,600 SQ FT / 7.5' WIDE TRENCH = 480' LF OF CONVENTIONAL GRAVEL TRENCH
 1,200 LF OF CONVENTIONAL GRAVEL TRENCH - 40% FOR REDUCTION PRODUCT = 720 LF OF INFILTRATOR QUICK 4 LP FIELD LINE



WARD | SCOTT | MORRIS
 ARCHITECTURE
 TUSCALOOSA | HUNTSVILLE
 1606 PAUL W. BRYANT DRIVE, TUSCALOOSA, ALABAMA 35407
 www.wardscottmorrisc.com

CHILTON CO. VERBENA ELEM GYM & CLASSROOM ADDITION
 CHILTON COUNTY BOARD OF EDUCATION
 1705 LAY DAM ROAD, CLANTON, AL 35045



CONSTRUCTION DOCUMENTS

DATE: 01/14/26
 PROJ NO: 25-060

REVISIONS

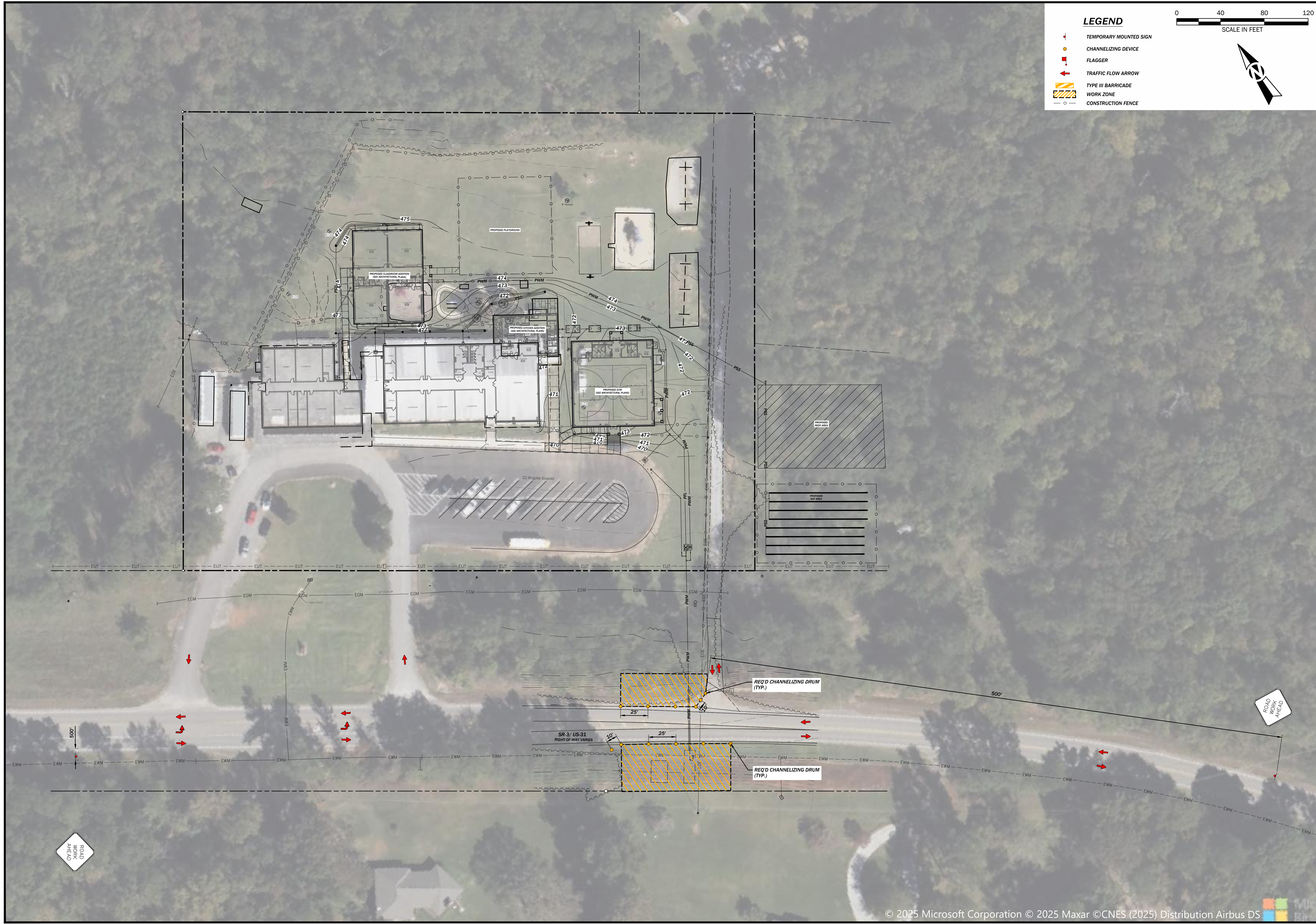
#	DESC	DATE

SITE UTILITY PLAN

C601

3200 Rice Mine Road NE | Tuscaloosa, AL 35406
 205.345.0816 | www.ttlusa.com

Drawn By: S S N Checked By: A H S
 Date: 01/14/26 Job No.: 25-01-01533.00
 File Name: 251533.Sheet C5 01 Utility.dwg



TTL

3200 Rice Mine Road NE | Tuscaloosa, AL 35406
205.345.0816 | www.ttlusa.com

**ALDOT PERMIT FOR:
CHILTON CO. VERBENA ELEM GYM &
CLASSROOM ADDITION**
CHILTON COUNTY BOARD OF EDUCATION
4675 AL-3 / US-31
VERBENA, CHILTON COUNTY, ALABAMA

TRAFFIC CONTROL PLAN	
No.	Revision Description

Drawn By: C G S	Checked By: A H S
Date: 01/14/26	Job No: 25-01-01533.00
File Name: 2515333-Sheet C4 01 Traffic Control Plan-ALDOT.dwg	

Sheet No. **C602**

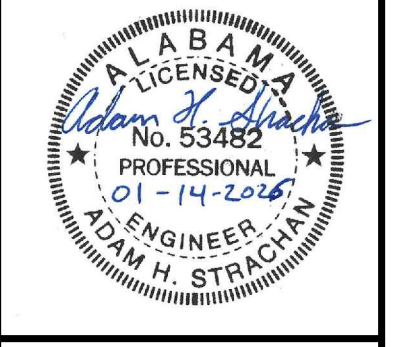
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Drawn By: S S N | Checked By: A H S
Date: 01/14/26 | Job No: 25-01-01533.00
File Name: 2515333-Sheet C4 01 Traffic Control Plan-ALDOT.dwg

ASI NO. 2 - 03/09/2026
1 - ADDED TRAFFIC CONTROL SHEET C602

CHILTON CO. VERBENA ELEM GYM & CLASSROOM ADDITION
CHILTON COUNTY BOARD OF EDUCATION
1705 LAY DAM ROAD, CLANTON, AL 35045



CONSTRUCTION DOCUMENTS

DATE: 01/14/26
PROJ NO: 25-060

REVISIONS

#	DESC	DATE

TRAFFIC CONTROL PLAN

C602



CONSTRUCTION DOCUMENTS

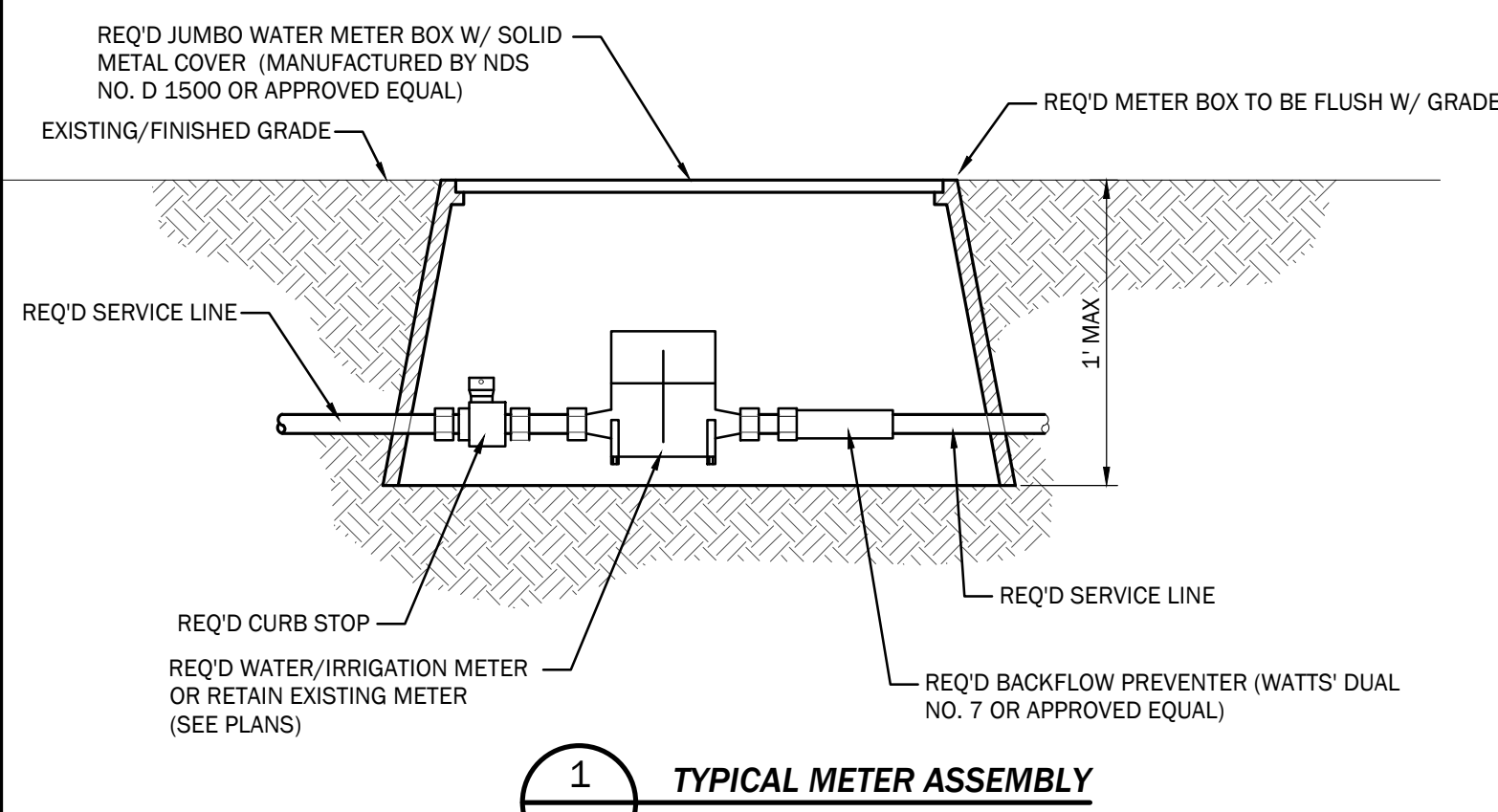
DATE: 01/14/26
PROJ NO: 25-060

REVISIONS

#	DESC	DATE
1	ADDED ENCASUREMENT DETAIL	

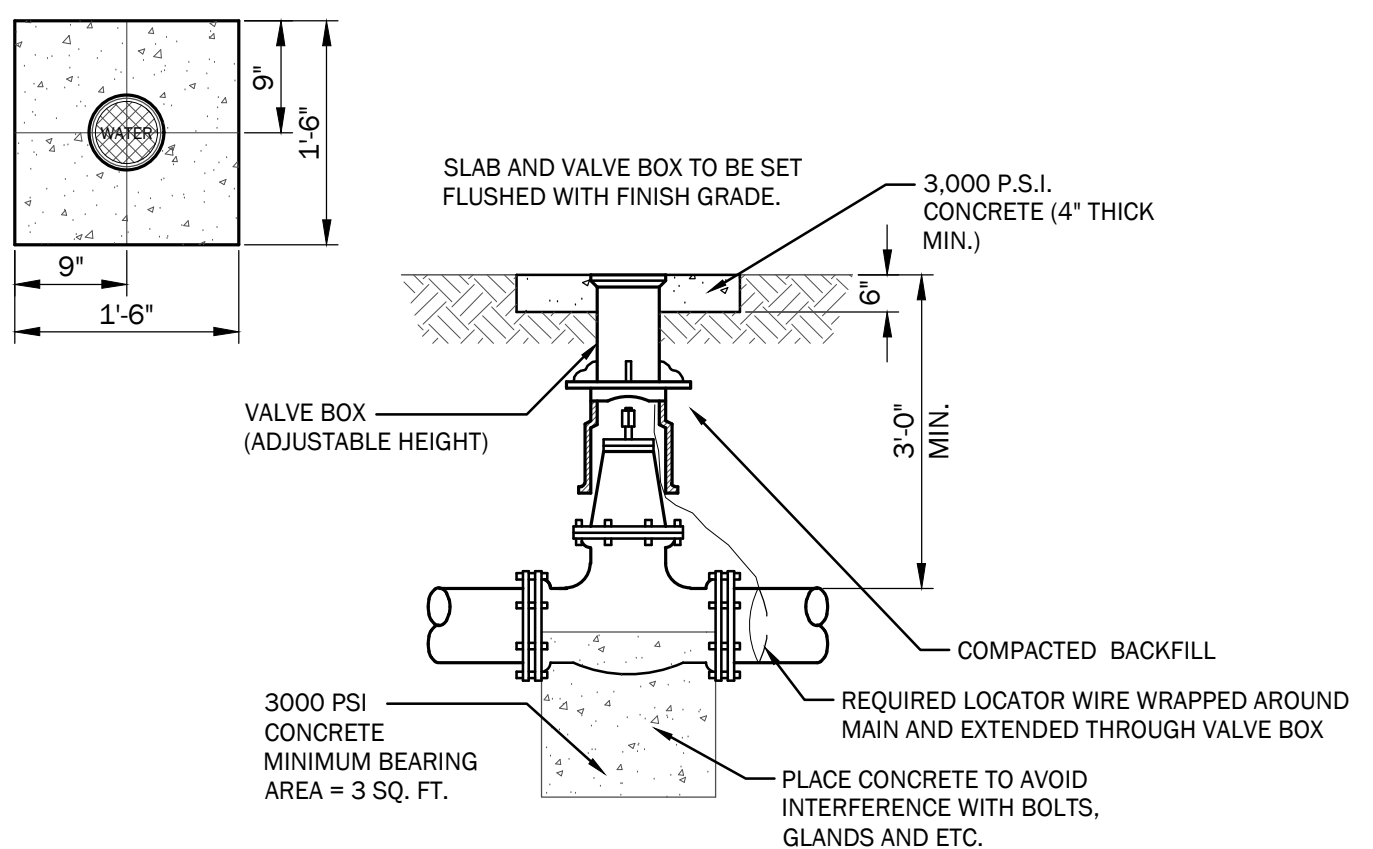
STANDARD DETAILS

C803

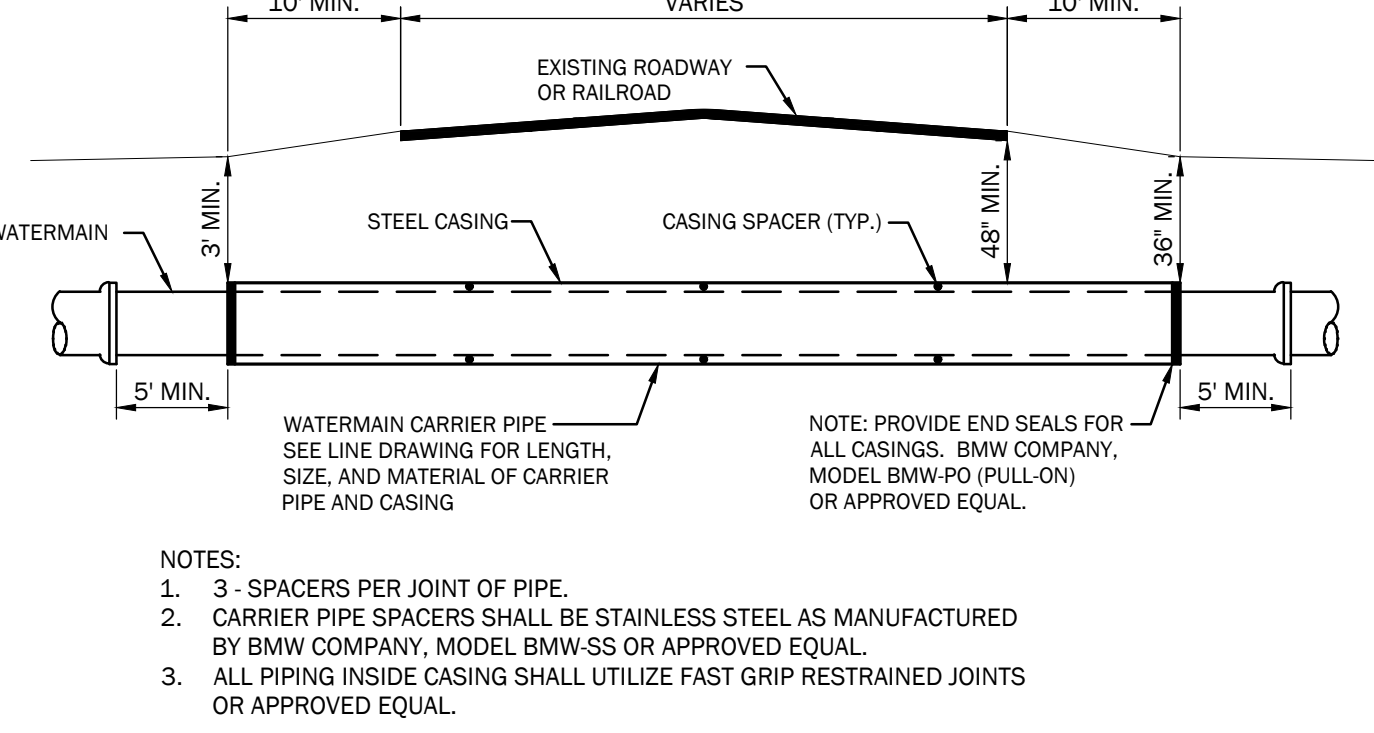


1 TYPICAL METER ASSEMBLY
NOT TO SCALE

- NOTES:
- IN VEGETATED AREAS, THE CONTRACTOR SHALL INSTALL A STANDARD JUMBO PLASTIC METER BOX (13' x 20' x 12") WITH A SOLID METAL LID. LID TO BE DFW MODEL 15 OR APPROVED EQUAL.
 - ALL EXISTING GALVANIZED AND/OR LEAD WATER SERVICE LINES TO BE RETAINED SHALL BE REMOVED AND REPLACED WITH COPPER PIPING OR PVC (IF 2" OR LARGER DIAMETER) FROM THE WATER MAIN TO THE METER AND FROM THE METER TO THE R.O.W. THE EXISTING SERVICE TAP AT THE MAIN SHALL BE TURNED OFF AND PLUGGED.
 - ALL METERS SHALL HAVE A BACKFLOW PREVENTER INSTALLED IF ONE DOES NOT EXIST.
 - IN CONCRETE AREAS, THE CONTRACTOR SHALL INSTALL A BCF SERIES METER BOX (13' x 24" x 12") WITH A SOLID METAL LID OR APPROVED EQUAL.
 - THIS METER BOX IS TYPICAL FOR ONE AND ONE-HALF INCH (1 1/2") AND SMALLER METERS.
 - FOR 2" JUMBO METER BOXES, IN SUCCESSION, TO ACCOMMODATE THE METER, BACKFLOW PREVENTER, AND PRESSURE REDUCER VALVE. IN PAVED AREAS A 3' x 5' VAULT IS REQUIRED.

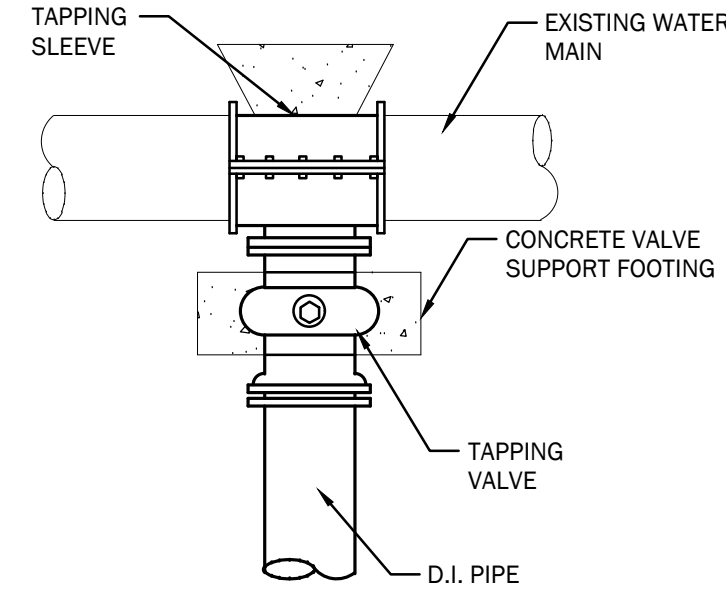


2 GATE VALVE AND BOX DETAIL
NOT TO SCALE



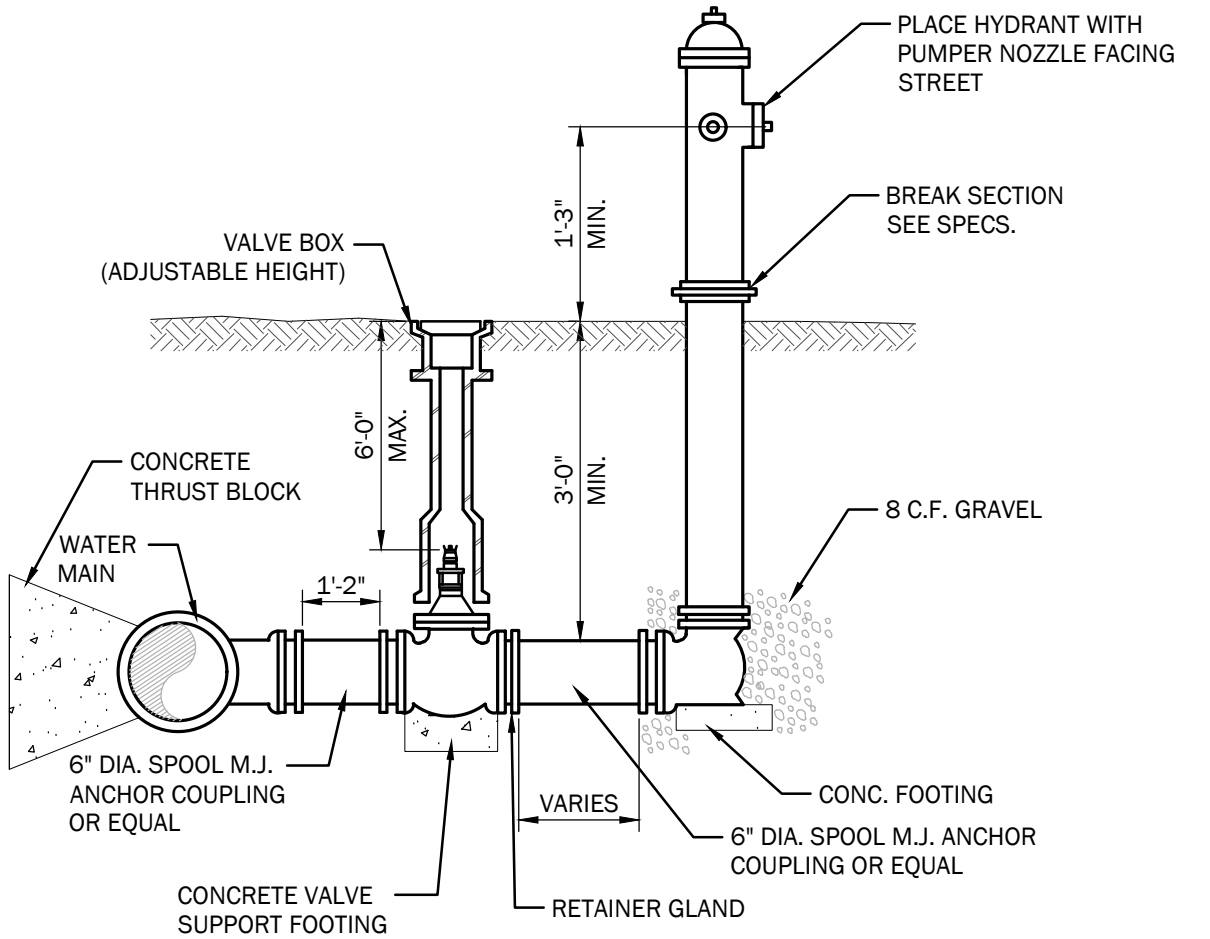
3 TYPICAL ENCASUREMENT DETAIL (BORE OR OPEN-CUT)
NOT TO SCALE

- NOTES:
- 3 - SPACERS PER JOINT OF PIPE.
 - CARRIER PIPE SPACERS SHALL BE STAINLESS STEEL AS MANUFACTURED BY BMW COMPANY, MODEL BMW-SS OR APPROVED EQUAL.
 - ALL PIPING INSIDE CASING SHALL UTILIZE FAST GRIP RESTRAINED JOINTS OR APPROVED EQUAL.



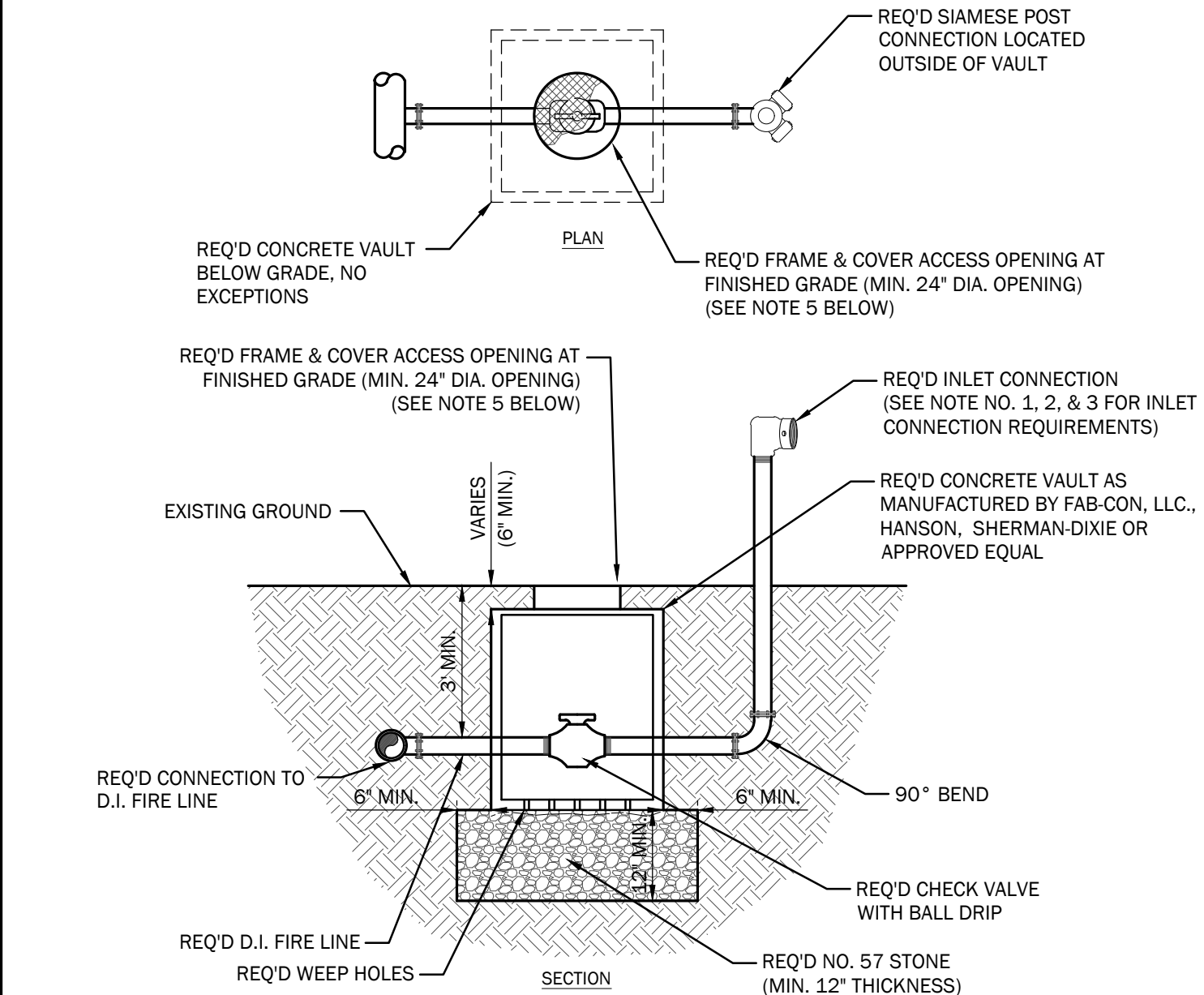
4 HOT TAP DETAIL
NOT TO SCALE

- NOTES:
- PAYMENT FOR HOT TAP SHALL INCLUDE TAPPING SADDLE, TAPPING VALVE, CONCRETE SUPPORTS, AND LABOR NECESSARY TO COMPLETE TAP.



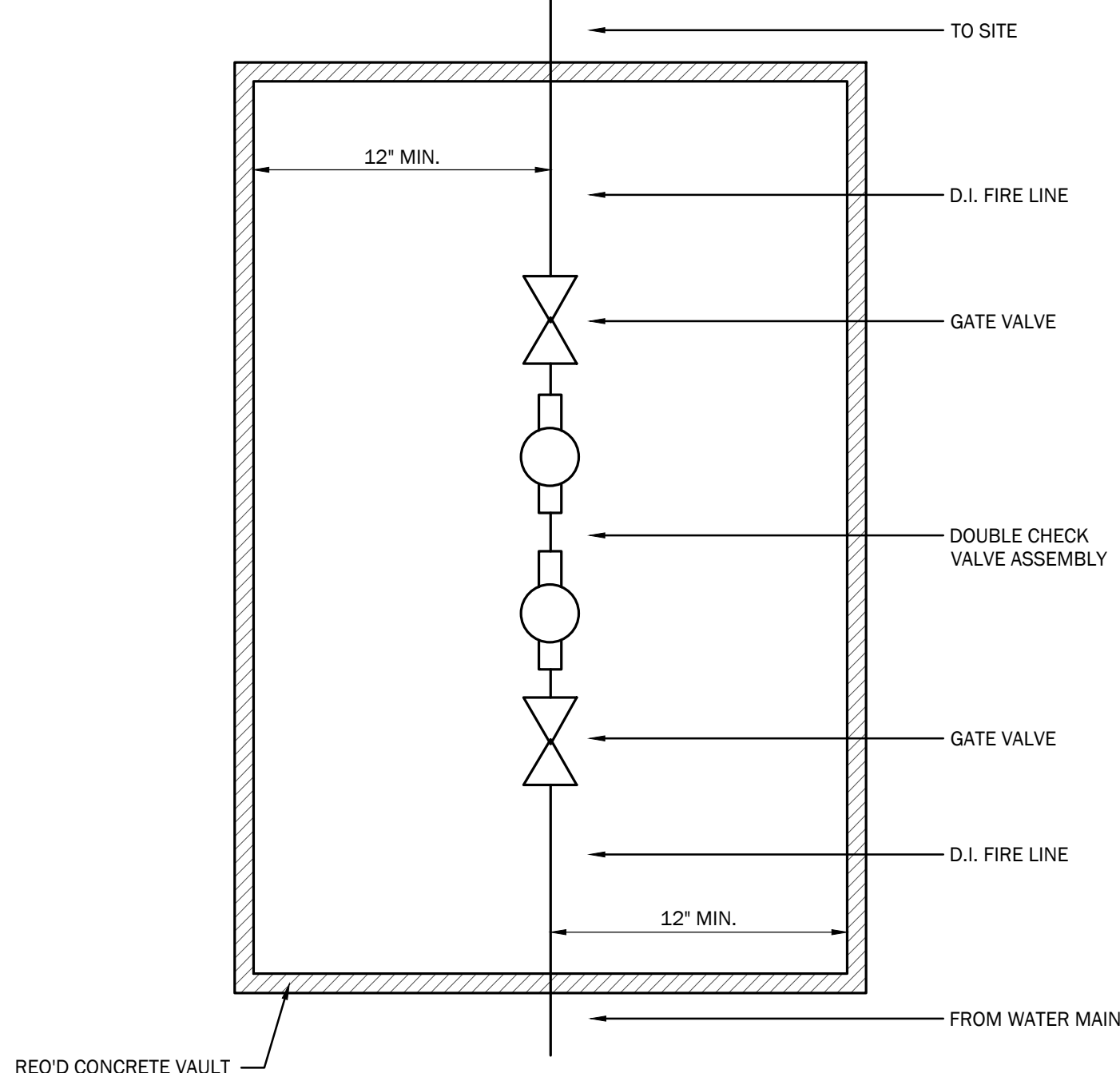
5 FIRE HYDRANT ASSEMBLY DETAIL
NOT TO SCALE

- NOTES:
- PLACE CONCRETE TO AVOID INTERFERENCE WITH BOLTS, GLANDS, ETC.



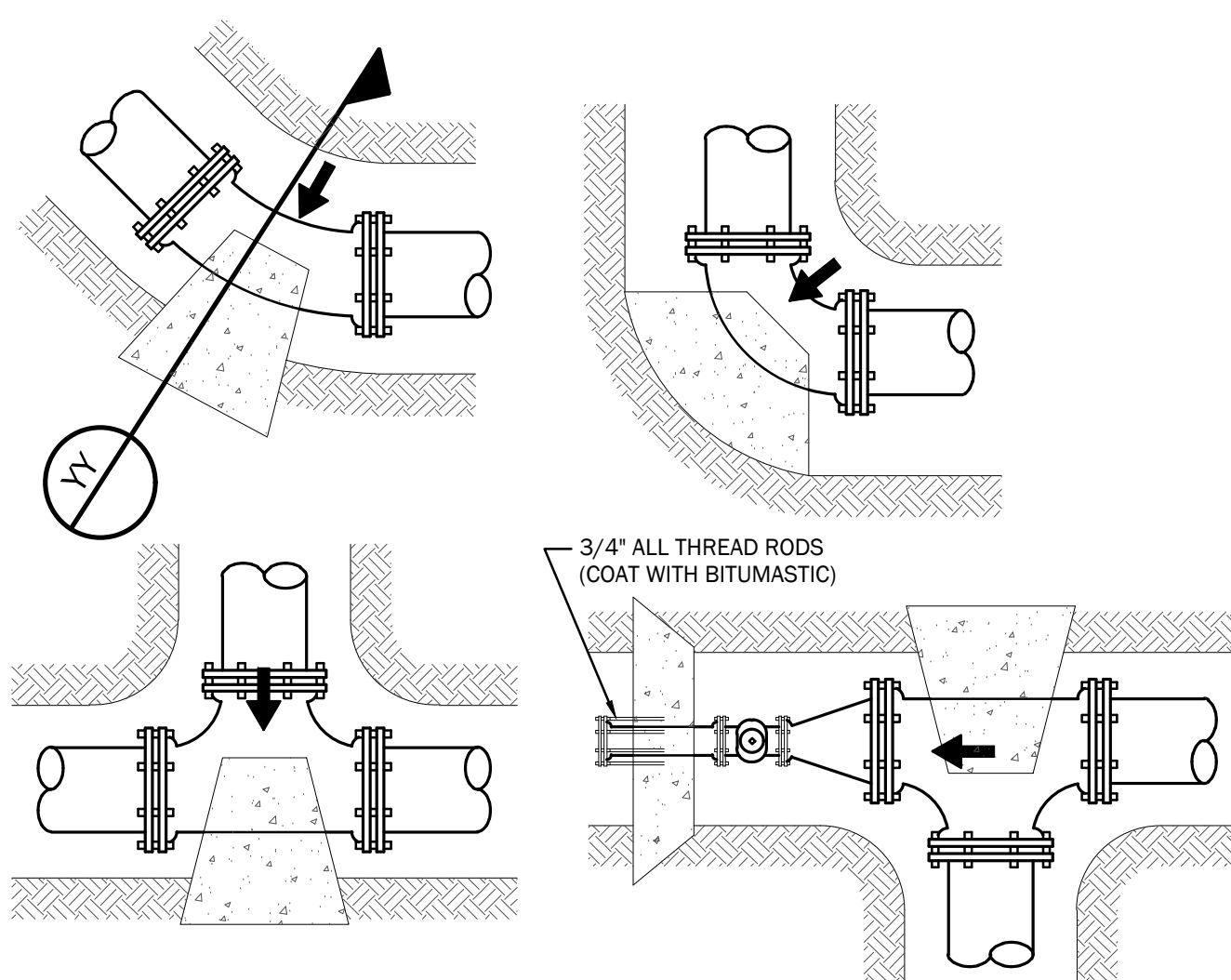
6 SIAMESE CONNECTION DETAIL
NOT TO SCALE

- NOTES:
- FIRE DEPARTMENT INLET CONNECTION THREADS SHALL BE TYPE NST.
 - FIRE DEPARTMENT INLET CONNECTION SHALL BE COVERED WITH BRASS PLUGS WHICH ARE CONNECTED TO THE INLET WITH CHAINS.
 - THE CONTRACTOR SHALL NOTE THAT IF THIS PROJECT IS ON THE UNIVERSITY OF ALABAMA CAMPUS, THE INLET CONNECTION PLUGS SHALL BE 2.5" KNOX LOCK PLUGS (MODEL NO. 3041) IN LIEU OF THE BRASS PLUG AND CHAINS. THE CONTRACTOR SHALL COORDINATE WITH THE LOCK MANUFACTURER TO ENSURE THAT THE LOCKS ARE KEYPED TO THE REQUIREMENTS OF THE CITY OF TUSCALOOSA FIRE DEPARTMENT. COST OF THE LOCKS AND ANY ASSOCIATED KEYPING SHALL BE INCLUDED IN THE COST OF THE SIAMESE CONNECTION. ANY LOCKS NOT MEETING THESE REQUIREMENTS WILL BE REPLACED AT NO ADDITIONAL COST TO THE PROJECT.
 - FIRE DEPARTMENT CONNECTION VAULT SHALL BE A REINFORCED CONCRETE VAULT AS MANUFACTURED BY FAB-CON, LLC OR APPROVED EQUAL.
 - THE FIRE DEPARTMENT CONNECTION VAULT SHALL HAVE A FRAME AND COVER ACCESS OPENING AS MANUFACTURED BY EAST JORDAN IRON WORKS, FRAME MODEL NO. 1045 AND COVER MODEL NO. 1040, SOLID TOP MARKED "WATER" OR APPROVED EQUAL.
 - THE SIAMESE POST SHALL BE INSTALLED IN THE VEGETATED AREA AND NOT OUT OF THE CONCRETE FIRE DEPARTMENT VAULT. THE VAULT SIZE SHALL BE AS SMALL AS NECESSARY TO INCREASE THE LANDSCAPED AREAS.
 - THE CHECK VALVE WITH BALL DRIP SHALL BE LOCATED IN THE CONCRETE VAULT ONLY.
 - SEE THRUST BLOCKING DETAILS AND NOTES FOR THRUST BLOCK REQUIREMENTS.



7 REQ'D DETECTOR CHECK ASSEMBLY
NOT TO SCALE

- NOTE:
- THE CONTRACTOR SHALL ADJUST/RESET AS NECESSARY THE VAULT/METER BOX TO ENSURE IT IS FLUSH WITH THE FINAL LANDSCAPING AROUND IT. HIGH OR LOW VAULTS/BOXES SHALL NOT BE ACCEPTED.
 - THE TYPICAL SIZE VAULT FOR THE DETECTOR CHECK IS 3' x 5' OR 4' x 6'. THE OVERALL SIZE IS DICTATED BY THE DETECTOR CHECK SIZE.



8 THRUST BLOCKING DETAILS & NOTES
NOT TO SCALE

- NOTES:
- THRUST BLOCKING SHALL BE POURED AGAINST UNDISTURBED EARTH.
 - CONCRETE SHALL BE KEPT CLEAR OF JOINT AND JOINT ACCESSORIES.
 - BEARING AREA OF THRUST BLOCKS ARE BASED ON 150 PSI TEST PRESSURE AND AN ALLOWABLE SOIL BEARING OF 2000 PSF. BEARING AREAS VALUES SHALL BE ADJUSTED IF THE SPECIFICATIONS REQUIRE A DIFFERENT TEST PRESSURE OR ALLOWABLE SOIL BEARING. PROVIDE ADDITIONAL AREA IF DICTATED BY THE CONDITIONS ACTUALLY ENCOUNTERED.
 - ANY SPECIAL THRUST BLOCKINGS DETAILED ON THE PLANS SHALL SUPERSEDE THIS DETAIL.
 - VERTICAL BENDS THAT REQUIRE A THRUST BLOCK VOLUME GREATER THAN 5 C.Y. REQUIRE SPECIAL BLOCKING DETAILS.
 - ALL PRESSURE PIPE 3 INCHES IN DIAMETER AND OVER SHALL BE PROVIDED WITH CONCRETE THRUST RESTRAINTS.

TABLE "A"
BEARING AREA FOR THRUST BLOCKS SHALL BE ADJUSTED TO MATCH FIELD CONDITIONS ENCOUNTERED.

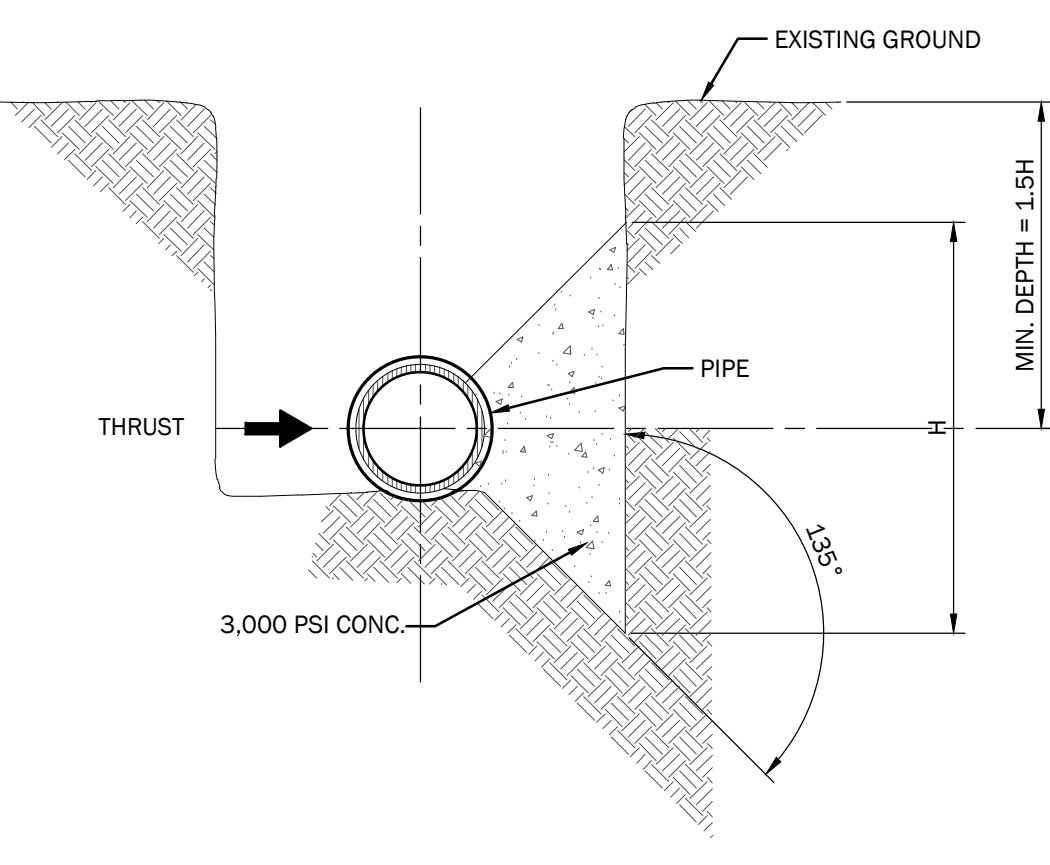
DIA. (IN.)	MINIMUM BEARING AREA OF THRUST BLOCKS (SQ. FT.)				
	TEE, WYE, PLUG, CAP	90° BEND PLUGGED CROSS	45° BEND	22 1/2° BEND	11 1/4° BEND
4	1.3	2.0	1.0	—	—
6	2.8	4.0	2.0	1.0	—
8	4.8	6.8	3.7	1.9	1.0
10	7.3	10.3	5.5	2.8	1.4
12	10.3	14.5	7.8	4.0	2.0
14	13.8	19.5	10.6	5.4	2.7
16	17.8	25.2	13.6	6.9	3.5
18	22.4	31.7	17.1	8.7	4.4
20	27.5	38.9	21.0	10.7	5.4
24	39.2	55.4	30.0	15.3	7.7
30	60.3	85.3	46.2	23.5	11.8
36	86.4	122.2	66.1	33.7	16.9
42	116.6	164.9	89.3	45.5	22.8
48	152.0	214.9	116.3	59.3	29.7
54	192.0	271.6	147.0	74.9	37.6

MINIMUM REQUIRED BEARING AREA FOR CONCRETE THRUST BLOCKS

FITTING SIZE	MINIMUM VOLUME OF THRUST BLOCK IN CUBIC YARDS (VERTICAL BENDS)		
	45° BEND	22 1/2° BEND	11 1/4° BEND
4	1.1	0.4	0.2
6	2.7	1.0	0.4
8	4.0	1.5	0.7
10	6.0	2.3	0.9
12	8.5	3.2	1.3
14	11.5	4.3	1.8
16	14.8	5.6	2.3

VERTICAL
STEEL RODS OVER FITTING AND EMBEDDED IN CONCRETE. COAT WITH BITUMASTIC. (SEE TABLE TO THE RIGHT FOR SIZES AND EMBEDMENT.)

FITTING SIZE	ROD SIZE	EMBEDMENT SIZE
12" and less	6	30"
14" - 16"	8	36"



YY TYP. SECTION @ THRUST BLOCKS
NOT TO SCALE

AS1 NO. 2 - 02/09/2026
1. ADDED ENCASUREMENT DETAIL

TTL
3200 Rice Mine Road NE | Tuscaloosa, AL 35406
205.345.0816 | www.ttlusa.com

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Date: 01/14/26 Job No.: 25-01-01533.00
File Name: 251533.Sheet C8 01 Details.dwg