- CO GENERAL NOTES
- C1 OFFSITE 12" WATER DISTRIBUTION PLAN
- C2 OFFSITE 12" WATER DISTRIBUTION PLAN
 C3 WATER DETAILS-1
- C4 WATER DETAILS-2
- C5 WATER DETAILS-3
 C6 WATER DETAILS-4
 C7 WATER DETAILS-5

SHSUD GENERAL NOTES

- 1. ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THE PROJECT SHALL BE APPROVED BY SHSUD AND COMPLY WITH ALL APPLICABLE STANDARDS AND REGULATIONS.
- 2. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK UNTIL WRITTEN APPROVAL IS OBTAINED FROM SHSUD. WORK COMPLETED BY THE CONTRACTOR, WHICH HAS NOT RECEIVED AN APPROVAL WILL BE SUBJECT TO REMOVAL AND REPLACEMENT BY AND AT THE EXPENSE OF THE CONTRACTOR AT THE PREROGATIVE OF SHSUD.
- 3. THE DEVELOPER DEDICATES THE WATER MAINS UPON COMPLETION BY THE DEVELOPER AND ACCEPTANCE BY SHSUD.

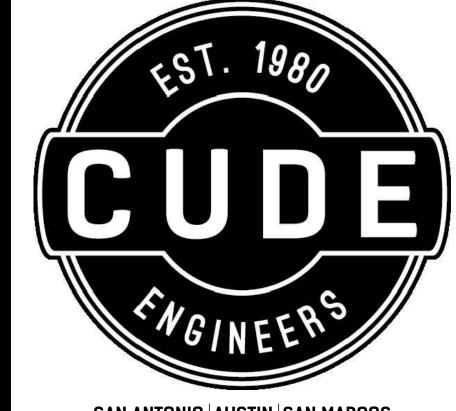
 SHSUD WILL OWN AND MAINTAIN SAID WATER MAINS WHICH ARE LOCATED WITHIN SAID SURDIVISION (AS APPLICABLE)
- 4. CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNERS AND THE ENGINEER AND HIS EMPLOYEES, PARTNERS OFFICERS, DIRECTORS, OR CONSULTANTS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING FROM LIABILITY ARISING FROM SOLE NEGLIGENCE OF THE OWNER OR ENGINEER, ENGINEER'S
- 5. CONTRACTOR AND / OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL OR BETTER CONDITION, ANY DAMAGES DONE TO EXISTING FENCES, CURBS, STREETS, DRIVEWAYS, LANDSCAPING AND STRUCTURES, AND EXISTING UTILITIES (NOT ADJUSTED ON PLANS). COST OF RESTORATIONS, IF ANY, SHALL BE THE CONTRACTOR'S ENTIRE EXPENSE.
- 7. THE CONTRACTOR SHALL AVOID CUTTING ROOTS LARGER THAN ONE INCH IN DIAMETER WHEN EXCAVATING NEAR EXISTING TREES. EXCAVATION IN VICINITY OF TREES SHALL PROCEED WITH CAUTION.
- 8. THE CONTRACTOR SHALL PROCURE ALL PERMITS AND LICENSES, PAY ALL CHARGES, FEES AND TAXES AND GIVE ALL NOTICES NECESSARY AND INCIDENTAL TO THE DUE AND LAWFUL PROSECUTION OF THE WORK.
- 9. NO EXTRA PAYMENT SHALL BE ALLOWED FOR WORK CALLED FOR ON THE PLANS BUT NOT INCLUDED ON THE BID SCHEDULE. THIS INCIDENTAL WORK WILL BE REQUIRED AND SHALL BE INCLUDED UNDER THE PAY ITEM TO WHICH IT RELATES.
- 10. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL WASTE MATERIALS UPON PROJECT COMPLETION. THE CONTRACTOR SHALL NOT PERMANENTLY PLACE ANY WASTE MATERIALS IN THE 100-YEAR FLOOD PLAIN WITHOUT FIRST OBTAINING AN APPROVED FLOOD PLAIN DEVELOPMENT PERMIT.
- 11. THE CONTRACTOR SHALL NOT PLACE ANY MATERIALS ON THE RECHARGE ZONE OF THE EDWARDS AQUIFER WITHOUT AN APPROVED WATER POLLUTION ABATEMENT PLAN FROM THE TCEO 31 TAC 313.4 AND 31 TAC 313.9.
- 12. BARRICADES AND WARNING SIGNS SHALL CONFORM TO THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND SHALL BE LOCATED TO PROVIDE MAXIMUM PROTECTION TO THE PUBLIC AS WELL AS CONSTRUCTION PERSONNEL AND EQUIPMENT WHILE ALWAYS PROVIDING CONTINUOUS TRAFFIC FLOW DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL DEVICES DURING CONSTRUCTION.
- 13. CONTRACTORS ARE REQUIRED TO VERIFY PROJECT ELEVATIONS. THE TERM "MATCH EXISTING" SHALL BE UNDERSTOOD TO SIGNIFY BOTH HORIZONTAL AND VERTICAL ALIGNMENT.
- 14. THE LOCATION OF UTILITIES, EITHER UNDERGROUND OR OVERHEAD, SHOWN WITHIN THE RIGHT OF WAY ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR BEFORE BEGINNING CONSTRUCTION OPERATIONS.
- 15. OSHA REGULATIONS PROHIBIT OPERATIONS THAT WILL BRING PERSONS OR EQUIPMENT WITHIN 10 FEET OF AN ENERGIZED LINE. WHERE WORKMEN AND/OR EQUIPMENT MUST WORK CLOSE TO AN ENERGIZED ELECTRICAL LINE, THE CONTRACTOR SHALL NOTIFY THE ELECTRICAL POWER COMPANY INVOLVED AND MAKE WHATEVER ADJUSTMENTS NECESSARY TO ENSURE THE SAFETY OF THOSE WORKMEN.
- 16. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UTILITY SERVICE LINES AS REQUIRED FOR CONSTRUCTION. UTILITY COMPANIES ARE ALSO PREVIOUSLY MENTIONED IN "UTILITY COMPANY NOTIFICATION".
- 17. DUE TO FEDERAL REGULATIONS TITLE 49, PART 192 (8), GAS COMPANIES MUST ALWAYS MAINTAIN ACCESS TO GAS VALVES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.
- 18. THE CONTRACTOR IS FULLY RESPONSIBLE FOR TRAFFIC CONTROL AND WILL BE RESPONSIBLE FOR FURNISHING ALL TRAFFIC CONTROL DEVICES, AND FLAGGERS. THE CONSTRUCTION METHODS SHALL BE CONDUCTED TO PROVIDE THE LEAST POSSIBLE INTERFERENCE TO TRAFFIC TO ALWAYS PERMIT THE CONTINUOUS MOVEMENT OF THE TRAFFIC IN ONE DIRECTION. THE CONTRACTOR SHALL CLEAN UP AND REMOVE FROM THE WORK AREA ANY LOOSE MATERIAL RESULTING FROM CONTRACT OPERATIONS AT THE END OF EACH WORKDAY.
- 19. PRIOR TO ORDERING MATERIALS TO BE USED IN CONSTRUCTION, CONTRACTOR SHALL PROVIDE SHSUD WITH FOUR (4) COPIES OF THE SOURCE, TYPE, GRADATION, MATERIAL SPECIFICATION DATA AND / OR SHOP DRAWINGS, AS APPLICABLE, TO SATISFY THE REQUIREMENTS OF THE FOLLOWING ITEMS AND ALL MATERIAL ITEMS REFERRED TO IN THESE LISTED ITEMS:
- A. WATER MAINS AND SERVICES
- 20. NO METER BOXES, VALVES, TO BE SET IN DRIVEWAYS OR SIDEWALKS. ANY METER BOXES SET IN THESE AREAS WILL BE RELOCATED AT THE CONTRACTOR'S AND/OR DEVELOPER'S EXPENSE.
- 21. WHERE THE MINIMUM 9-FOOT SEPARATION DISTANCE BETWEEN SEWER LINES AND WATER LINES / MAINS CANNOT BE MAINTAINED, THE INSTALLATION OF WATER LINES SHALL BE IN STRICT ACCORDANCE WITH TCEQ.
- 22. CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES. THE CONTRACTOR'S IMPLEMENTATION OF THE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLIES WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.
- 23. UTILITY TRENCH COMPACTION WITH STREET RIGHT-OF-WAY.
- A. ALL UTILITY TRENCH COMPACTION TEST WITHIN THE STREET PAVEMENT SECTION SHALL BE THE RESPONSIBILITY OF THE DEVELOPER'S GEO-TECHNICAL ENGINEER.
- B. FILL MATERIAL SHALL BE PLACED IN UNIFORM LAYERS NOT TO EXCEED TWELVE INCHES (12") LOOSE.
- C. EACH LAYER OF MATERIAL SHALL BE COMPACTED AS SPECIFIED AND TESTED FOR DENSITY AND MOISTURE IN ACCORDANCE WITH TEST METHODS TEX-113-E, TEX-114-E, TEX-115-E.
- D. THE NUMBER AND LOCATION OF THE REQUIRED TESTS SHALL BE DETERMINED BY THE GEO TECHNICAL ENGINEER AND
- E. UPON THE COMPLETION OF TESTING THE GEO-TECHNICAL ENGINEER SHALL PROVIDE SHSUD INSPECTOR WITH ALL TESTING DOCUMENTATION AND A CERTIFICATION STATING THAT THE PLACEMENT OF FILL MATERIAL HAS BEEN COMPLETED IN ACCORDANCE WITH THE PLANS.
- 24. NO VALVES, HYDRANTS, ETC. SHALL BE CONSTRUCTED WITHIN CURBS, SIDEWALKS, DRIVEWAYS, OR ROADWAYS. SHSUD WILL NOT BE RESPONSIBLE FOR ANY DAMAGES TO CONCRETE OR PAVED AREAS IF THE DEVELOPER DOES NOT
- 25. SPRINGS HILL WILL NOT ACCEPT OR PROVIDE SERVICE VIA ANY INFRASTRUCTURE THAT VIOLATES ANY OF THE STANDARDS, CONDITIONS, OR REQUIREMENTS OF THESE NOTES, THE GENERAL NOTES, THE STANDARD DETAILS, STANDARD SPECIFICATIONS, AND/OR ANY APPLICABLE AGREEMENTS REGARDING SERVICE.

CONSTRUCTION DOCUMENTS FOR

PARKHOUSE OFFSITE WATER

PRINGS HILL SPECIAL UTILITY DISTRICT

Note: The Springs Hill Special Utility District (SHSUD) signature above indicates that SHSUD has reviewed this document for general conformance with SHSUD requirements. SHSUD assumes no responsibility for the completeness and/or accuracy of these documents. Responsibility for the engineering adequacy of the facilities depicted in this document lies solely with the Texas Licensed Professional Engineer whose seal and signature is affixed to this document.



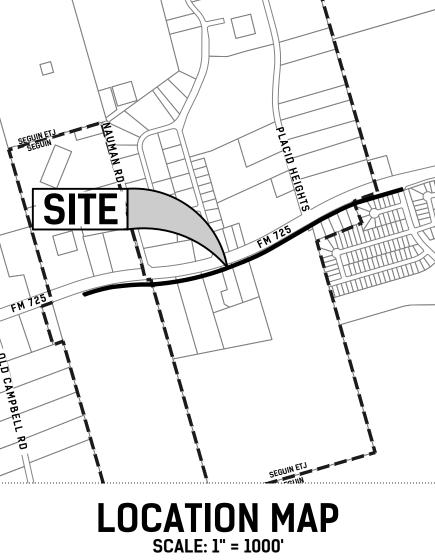
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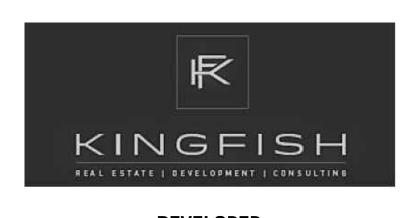
SAN ANTONIO | AUSTIN | SAN MARCOS

1290 WONDER WORLD DRIVE, SUITE 1240
SAN MARCOS, TEXAS 78666
P:(512) 260.9100
TBPE FIRM NO. 455
TBPLS FIRM NO. 10048500
SBE CERTIFIED FIRM



VICINITY MAP





REPUBLIC LAND AND DEVELOPMENT COMPANY, LP

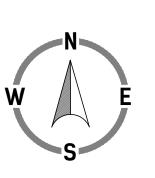
C/O KING FISH DEVELOPMENT, LLC

CONTACT PERSON: OSCAR DOMINGUEZ

2722 WEST BITTERS ROAD, SUITE 106

SAN ANTONIO, TEXAS 78248

TEL: (210) 882-6800



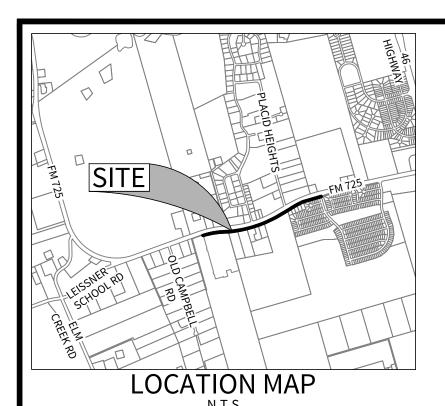
SITE ADDRESS:
FM 725, SEGUIN,
TEXAS 78155

PLAN SET DATE:
APRIL 2025

PROJECT NUMBER: 04154.001



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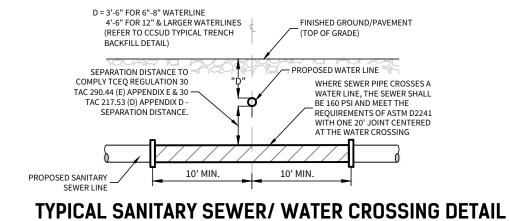
LEGEND	
PROPOSED 3/4" SINGLE WATER SERVICE	——-
PROPOSED 3/4" DUAL WATER SERVICE	————————— <u> </u>
PROPOSED 3/4" IRRIGATION WITH 5/8" METER	
PROPOSED SANITARY SEWER	8"SS —
PROPOSED SANITARY SEWER MANHOLE	•
PROPOSED WATER MAIN	XXX L.F XX" PVC C-909
EXISTING WATER MAIN	———— EX. 12" S
CONCURRENT WATER MAIN	XX
PROPOSED STANDARD FIRE HYDRANT	
PROPOSED STANDARD GATE VALVE	——•
ELECTRIC, GAS, TELEPHONE, & CABLE T.V. EASEMENT	E.G.T.CA. ESM'T.
EXISTING TREES	•

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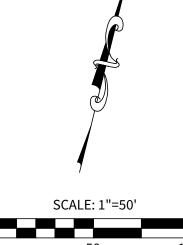
EXISTING OVERHEAD ELECTRIC

JOINT RESTRAINT DIMENSION TABLE *					
TYPE	MAIN SIZES	RESTRAINT LENGTH(S)			
TEE	12" x 12"	152' ALONG BRANCH OF TEE			
TEE	8" x 8"	81' ALONG BRANCH OF TEE			
DEAD END / IN-LINE VALVE	12"	157'			
DEAD END / IN-LINE VALVE	8"	183'			
HORIZONTAL OFFSET	12" x 1/8 BEND	46' ON BOTH SIDES OF BEND			
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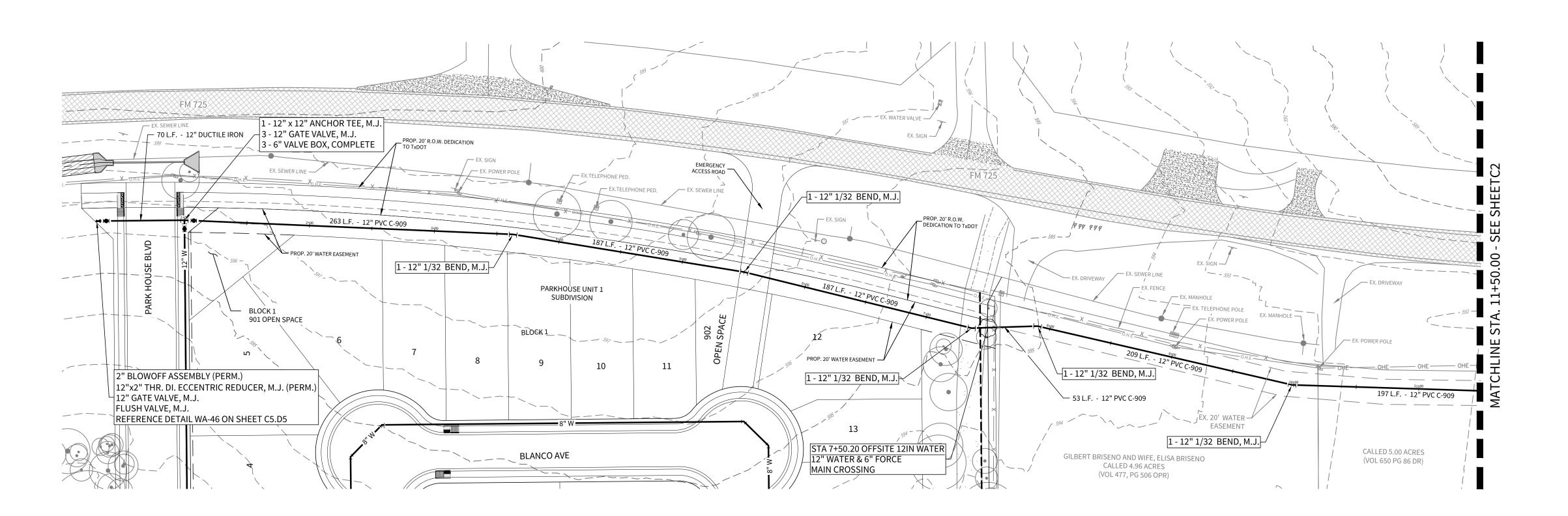




SHSUD SHEET NOTES

- 1. EXISTING WATER INFRASTRUCTURE IN THE VICINITY OF THE TRACT IS AVAILABLE TO SERVE THE PROPOSED DEVELOPMENT. IF THE DEVELOPMENT EXCEEDS THE CAPACITY OF THE EXISTING WATER INFRASTRUCTURE, THEN IT WILL BE THE DEVELOPER'S RESPONSIBILITY TO MAKE THE NECESSARY IMPROVEMENTS TO THE EXISTING WATER INFRASTRUCTURE TO PROVIDE SUFFICIENT CAPACITY. THE EXTENT OF THE NECESSARY WATER IMPROVEMENTS WILL BE OUTLINED IN A MEMORANDUM OF UNDERSTANDING OR NON-STANDARD SERVICE AGREEMENT PRIOR TO THE APPROVAL OF ANY FINAL PLAT.
- 2. SHSUD SHALL HAVE ACCESS TO METER LOCATIONS FROM THE FRONT YARD WITH THE LOCATION NOT BEING WITHIN A FENCED AREA.
- 3. ANY EASEMENT DESIGNATED AS A SHSUD UTILITY EASEMENT SHALL REMAIN OPEN ACCESS AT ALL TIMES AND SHALL NOT BE WITHIN A FENCED AREA.
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REPRODUCTION OF THE ORIGINAL SIGNED AND SEALED PLAN AND/OR ELECTRONIC MEDIA MAY HAVE BEEN INADVERTENTLY ALTERED. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE SCALE OF THE DOCUMENT AND CONTACTING CUDE ENGINEERS TO VERIFY DISCREPANCIES PRIOR TO CONSTRUCTION.



THE CONTRACTOR SHALL BE AWARE THAT UNDERGROUND UTILITY LINES EXIST ALONG FM 725. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE THESE UTILITIES LOCATED PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING N THIS AREA. ANY DAMAGE DONE TO THESE EXISTING FACILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.

TRENCH EXCAVATION PROTECTION

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS. PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

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VISIONS						

L290 Wonder World Drive, Suite 1240 San Marcos, Texas 78666 P:(210) 681.2951 F: (210) 523.7112

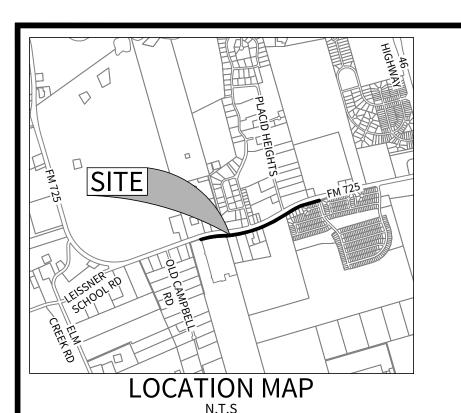
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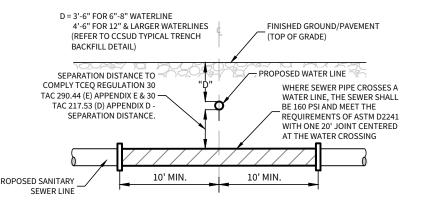
AROUND TRENCH EXCAVATION.

TRENCH EXCAVATION PROTECTION

LEGEND PROPOSED 3/4" SINGLE WATER SERVICE ———≶ ———————— PROPOSED 3/4" DUAL WATER SERVICE PROPOSED 3/4" IRRIGATION WITH 5/8" METER PROPOSED SANITARY SEWER PROPOSED SANITARY SEWER MANHOLE -PROPOSED WATER MAIN XXX L.F. - XX" PVC C-900 **EXISTING WATER MAIN** ----- EX. 12" S -----**CONCURRENT WATER MAIN** _____ XX" _____ PROPOSED STANDARD FIRE HYDRANT PROPOSED STANDARD GATE VALVE ELECTRIC, GAS, TELEPHONE, & CABLE T.V. EASEMENT E.G.T.CA. ESM'T. **EXISTING TREES** EXISTING OVERHEAD ELECTRIC ------ OHE-----LOCATE AND REPLACE EXISTING 8" WATER MAIN

SHSUD SHEET NOTES

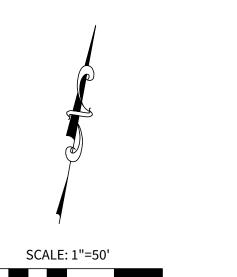
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TYPICAL SANITARY SEWER/ WATER CROSSING DETAIL

JOINT RESTRAINT DIMENSION TABLE *				
TYPE	MAIN SIZES	RESTRAINT LENGTH(S)		
TEE	12" x 12"	152' ALONG BRANCH OF TEE		
TEE	8" x 8"	81' ALONG BRANCH OF TEE		
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DEAD END / IN-LINE VALVE	8"	183'		
HORIZONTAL OFFSET	12" x 1/8 BEND	46' ON BOTH SIDES OF BEND		
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REDUCER	12" x 8"	136'		

* CALCULATIONS ARE PROVIDED FOR REFERENCE. THE RESTRAINED LENGTH SHALL BE DESIGNED BASE UPON THE CONDITIONS ENCOUNTERED DURING INSTALLATION.



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1290 Wonder World Drive, Suite 1240 San Marcos, Texas 78666 P:(210) 681.2951 F: (210) 523.7112

HOU

DATE 08/12/2025 PROJECT NO. 04154-000

DRAWN BY SG/JVA CHECKED BY

JL/AC

00 - SEE SHEET C1		EX. DRIVEY EX. SEWER LINE ONE		OHE OHE OHE EX. POWER POLE EX. DRIVEWAY EX. 20' WATER EASEMENT OHE OHE OHE OHE OHE OHE
EX. DRIVEWAY EX. DRIVEWAY EX. DRIVEWAY EX. SEWER LINE EX. STRUCTURE EX. STRUCTURE FINANCE OHE OHE OHE OHE OHE OHE OHE O	EX. SEWER LINE EX. POWER POLE OHE	EX. MANHOLE EX. POWER POLE OHE OHE OHE OHE OHE OHE OHE	1 - 12" x 8" REDUCER, M.J. 1 - 12" GATE VALVE, M.J. 1 - 6" VALVE BOX, COMPLETE	GFHF INVESTMENTS LLC (VOL. 2021 PG. 99019756) CALLED 0.0553 OF AN ACRE (VOL 608, PG 697 DR) SPRINGS HILL WSC

KEYNOTES:

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(1) see note 10 for connecting to existing water mains

2" BLOWOFF ASSEMBLY (TEMP.) 12" X 2" THR. DI. ECCENTRIC REDUCER, M.J. (TEMP.)

CONTRACTOR WILL TIE INTO EXISTING 8" WATER MAIN

12" MAIN INTO EXST. 8" WATER MAIN WITH ±5 L.F. OF 8" WATER MAIN, CUT AS REQUIRED. 12" VALVES TO REMAIN CLOSED UNTIL AFTER DISINFECTION

AFTER RELEASE FOR SERVICE, CONTRACTOR TO TIE NEW

CONTRACTOR SHALL FIELD LOCATE & VERIFY DEPTH OF EXISTING 8" LINE AND FITTINGS PRIOR TO COMMENCING

CONTRACTOR TO ENSURE EXISTING PIPES (2" & 12") WILL MEET TXDOT COVER REQUIREMENTS POST CONSTRUCTION. EXISTING PIPE NOT MEETING MINIMUM COVER STANDARDS WILL BE LOWERED AS NEEDED.

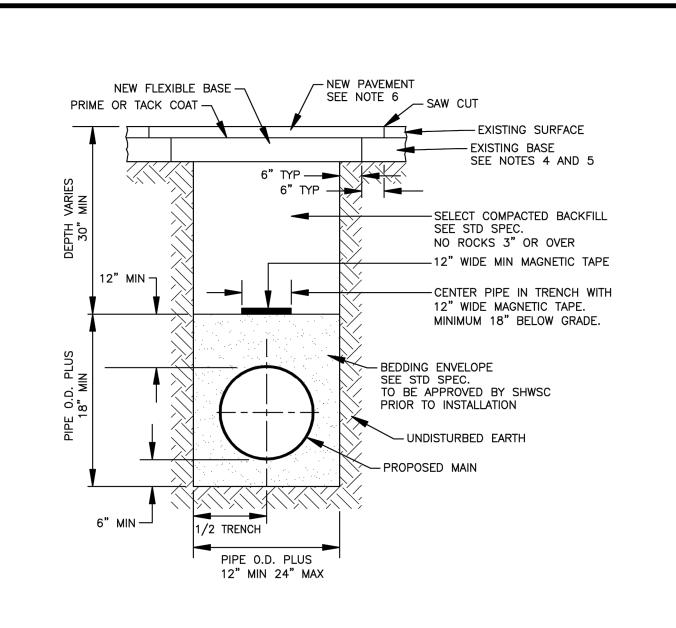
FOR CHLORINATION INJECTION 2-1" CORPORATION STOP C.C. X I.P. 2-1" COPPER TUBING, CUT AS REQ'D $2-1\frac{1}{4}$ " THD. SOLID CAPS, THR. 2-1"COMP. X $1\frac{1}{4}$ " COUPLING, CURB STOP CONTRACTOR SHALL PROVIDE A 4" JUMPER CONNECTION TO LOAD NEW MAIN

& ACCEPTANCE BY SHSUD.

FOR TEMPORARY OR PERMANENT BLOW OFFS PLEASE REFERENCE DETAIL WA-46 ON SHEET C8

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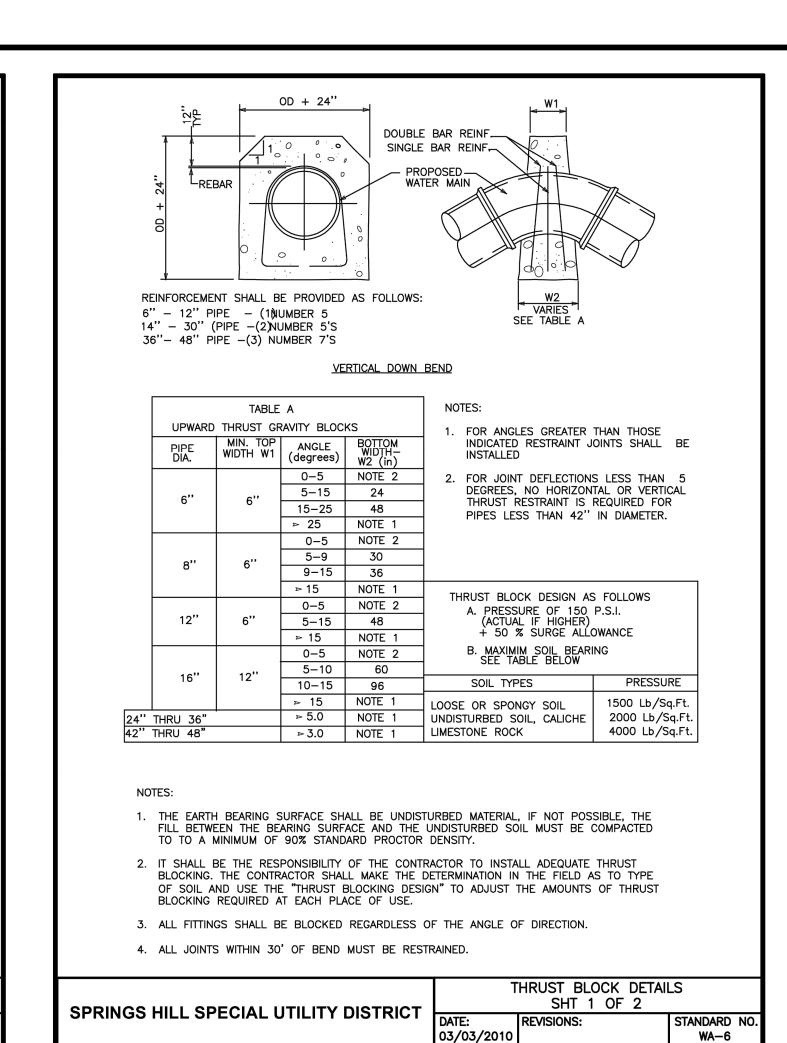
TBPEL\$ No. 10048500

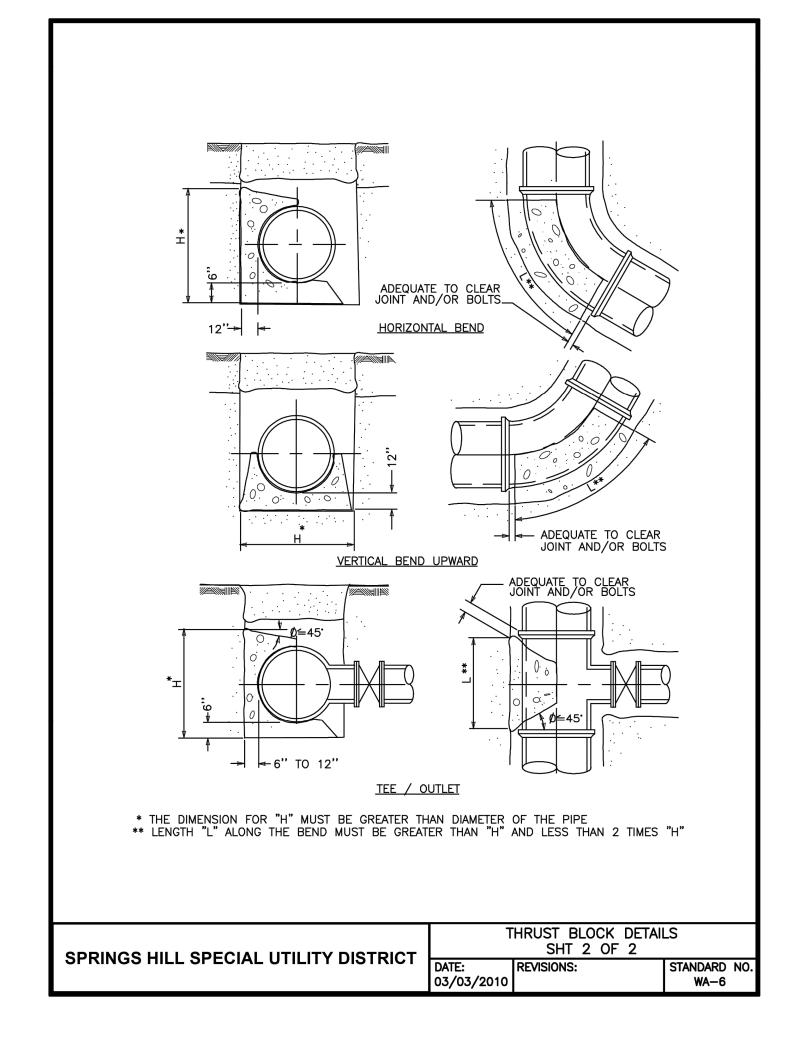


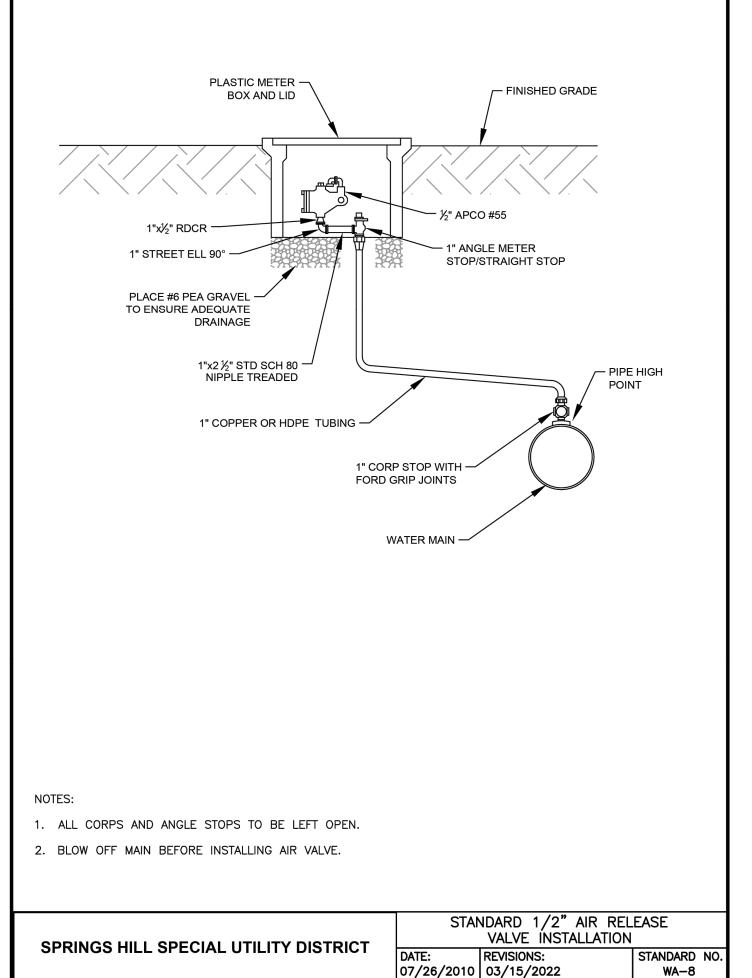
NOTES:

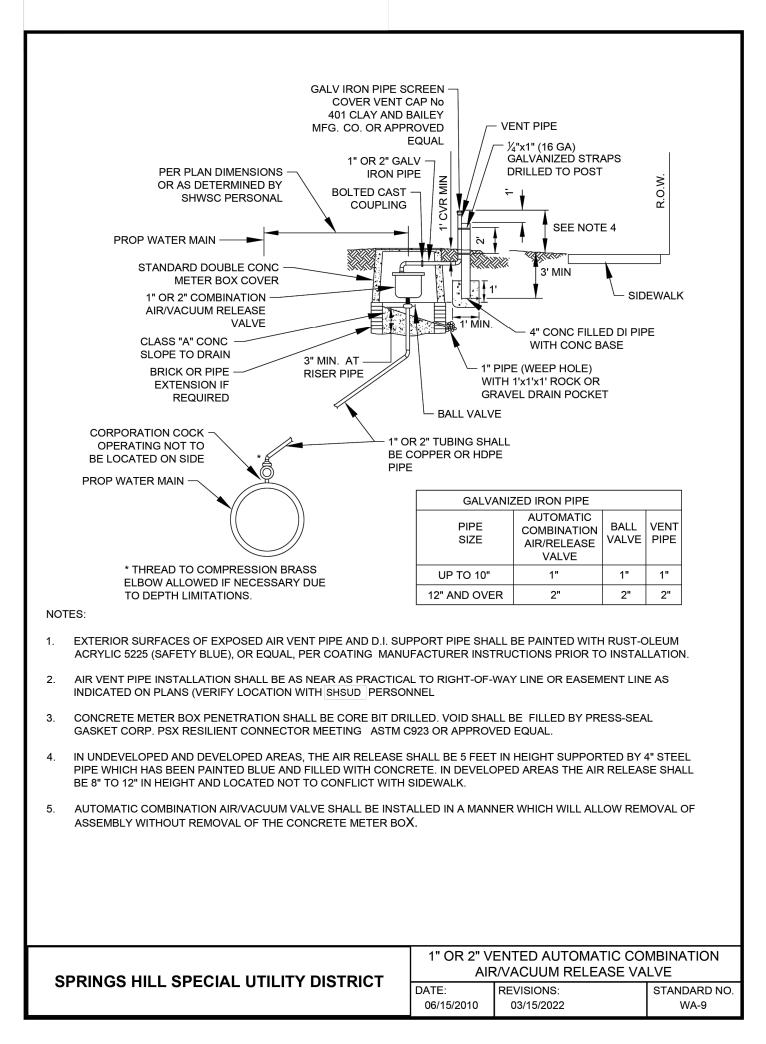
- 1. THE EXISTING PAVING SURFACE SHALL BE SAW CUT IN A STRAIGHT LINE, A MINIMUM OF 12 INCHES WIDER THAN THE UNDISTURBED SIDES OF THE TRENCH, SYMMETRICAL ABOUT THE CENTERLINE OF THE EXCAVATION.
- 2. ANY CONCRETE PAVING SHALL BE CUT 6 INCHES WIDER THAN THE UNDISTURBED SIDES OF THE EXCAVATION.
- 3. IF EXCAVATION AREA IS OPEN FOR TEMPORARY PUBLIC USE, THE SURFACE SHALL BE MAINTAINED LEVEL WITH ADJACENT RIDING SURFACE WITH COLD MIX OR TEMPORARY HOT MIX ASPHALTIC CONCRETE.
- 4. ROAD BASE AND SURFACE MATERIALS IN THE TRENCH CUT SHALL BE REPLACED IN KIND, OF EQUAL THICKNESS, OR WITH MINIMUM BASE THICKNESS OF 10 INCHES WHICHEVER IS GREATER.
- THICKNESS, OR WITH MINIMUM BASE THICKNESS OF 10 INCHES WHICHEVER IS GREATER.
- 5. ALL DAMAGED AREAS OF PAVEMENT OUTSIDE THE TRENCH CUT AREA SHALL BE REMOVED AND REPLACED WITH MINIMUM OF 8 INCHES OF BASE OR MATCH EXISTING, WHICHEVER IS GREATER.
- 6. SURFACE PAVEMENT SHALL BE OF THE KIND AND THICKNESS AS EXISTING, OR MINIMUM 2 INCHES, WHICHEVER IS GREATER.
- 7. ALL WATER LINES SHALL HAVE A MINIMUM PRESSURE CLASS OF 200 PSI.

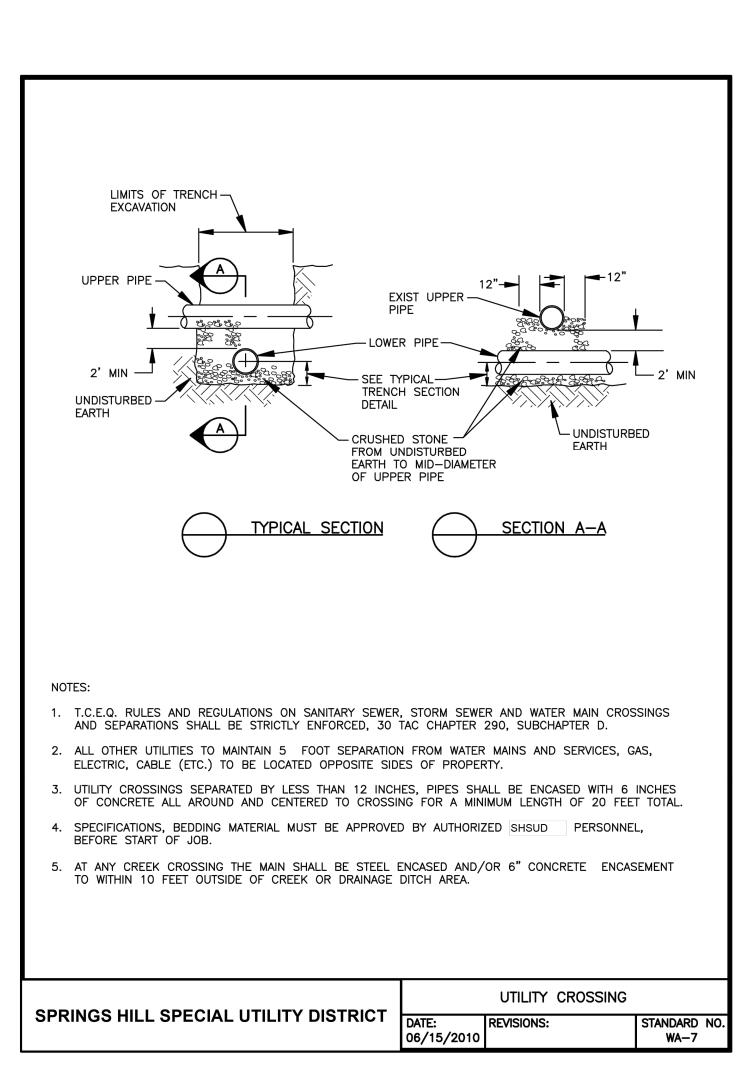
EDDINGS HILL EDECIAL LITTLITY DISTRICT	TRE	NCH WITH	PAVED SU	RFACE	
SPRINGS HILL SPECIAL UTILITY DISTRICT	DATE: 07/26/2010	REVISIONS:		STANDARD WA-4	NC



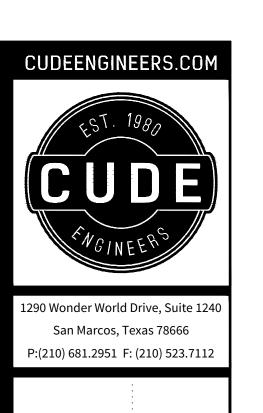








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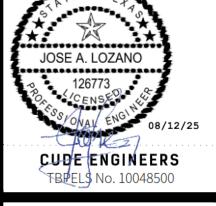
RK HOUSE UNIT 1

DATE
08/12/2025
PROJECT NO.
04154-000
DRAWN BY

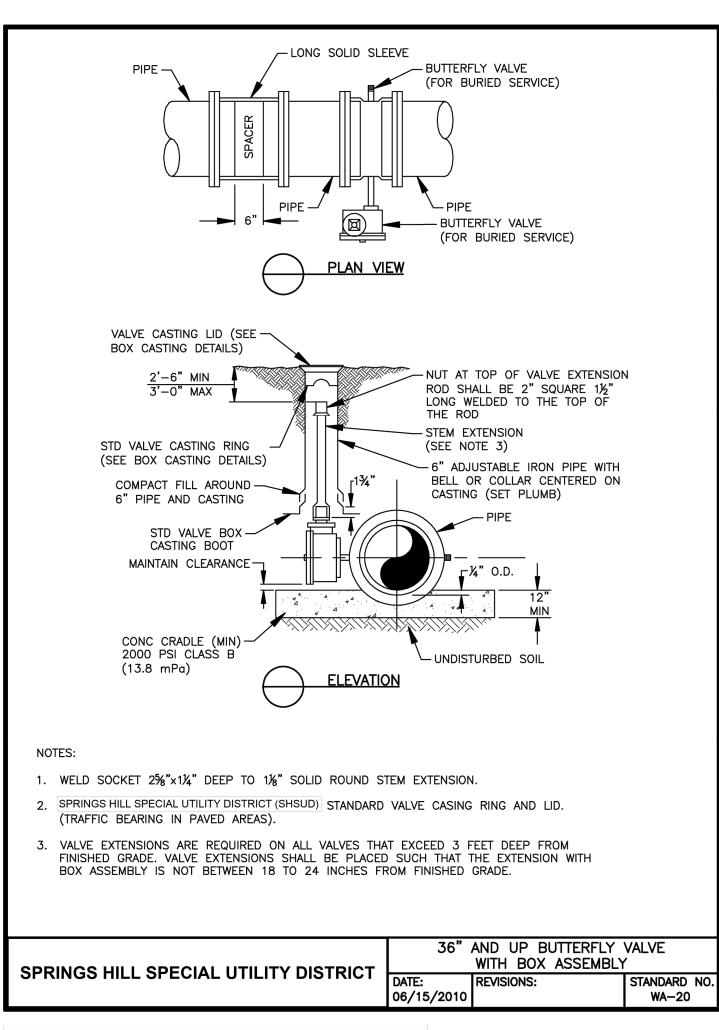
SG/JVA

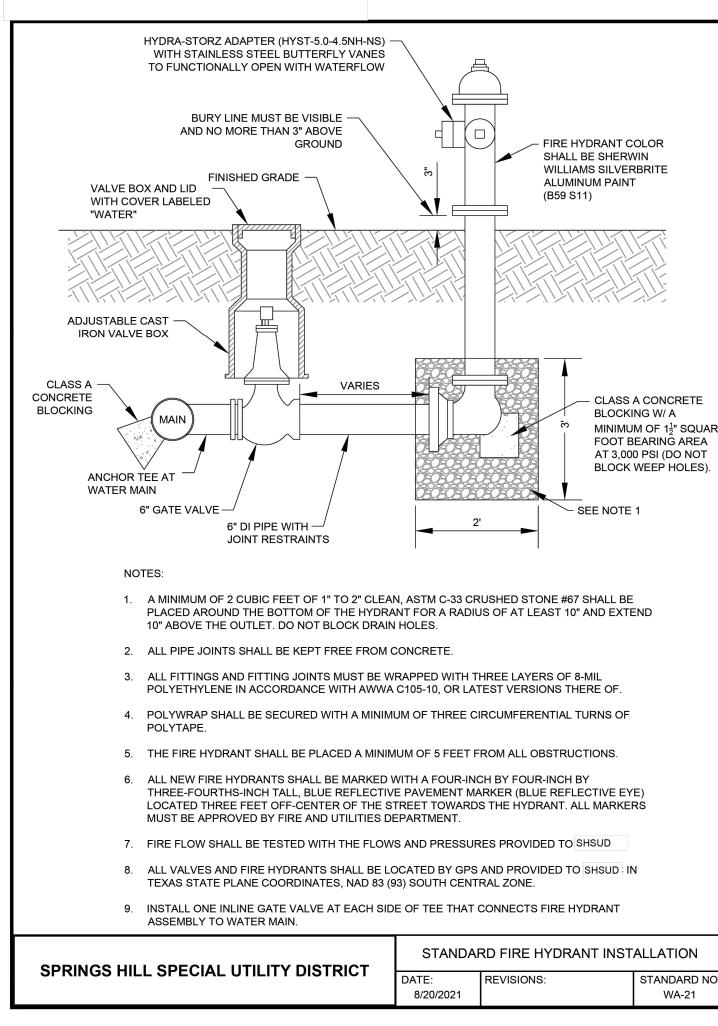
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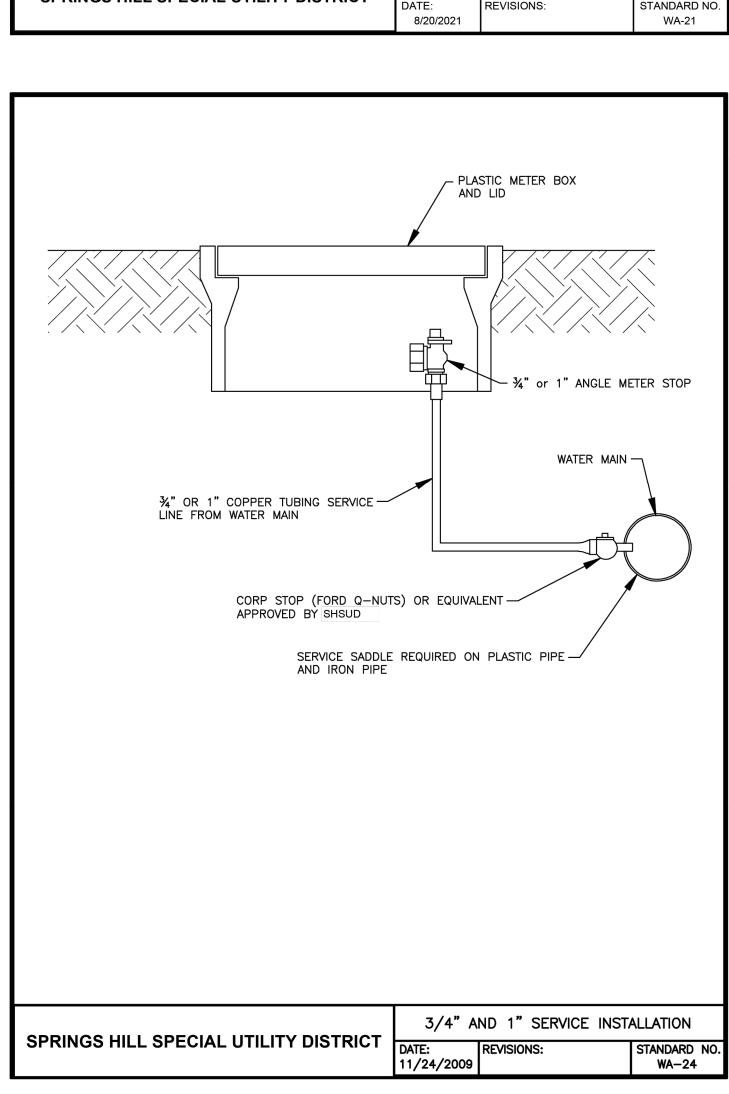
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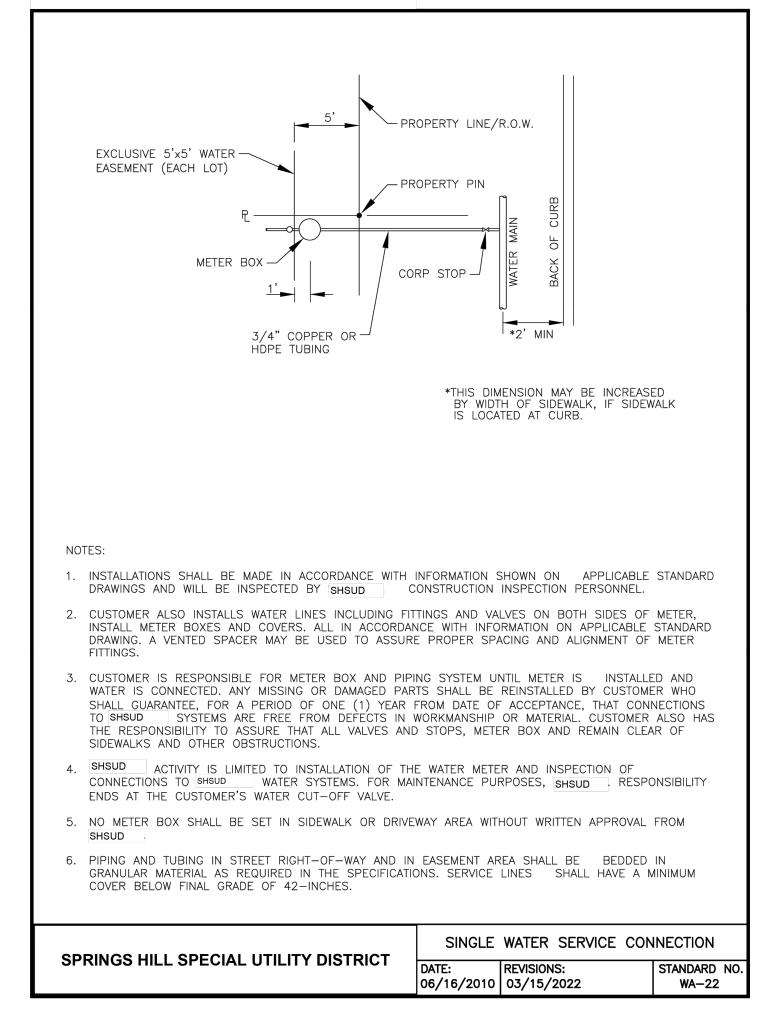


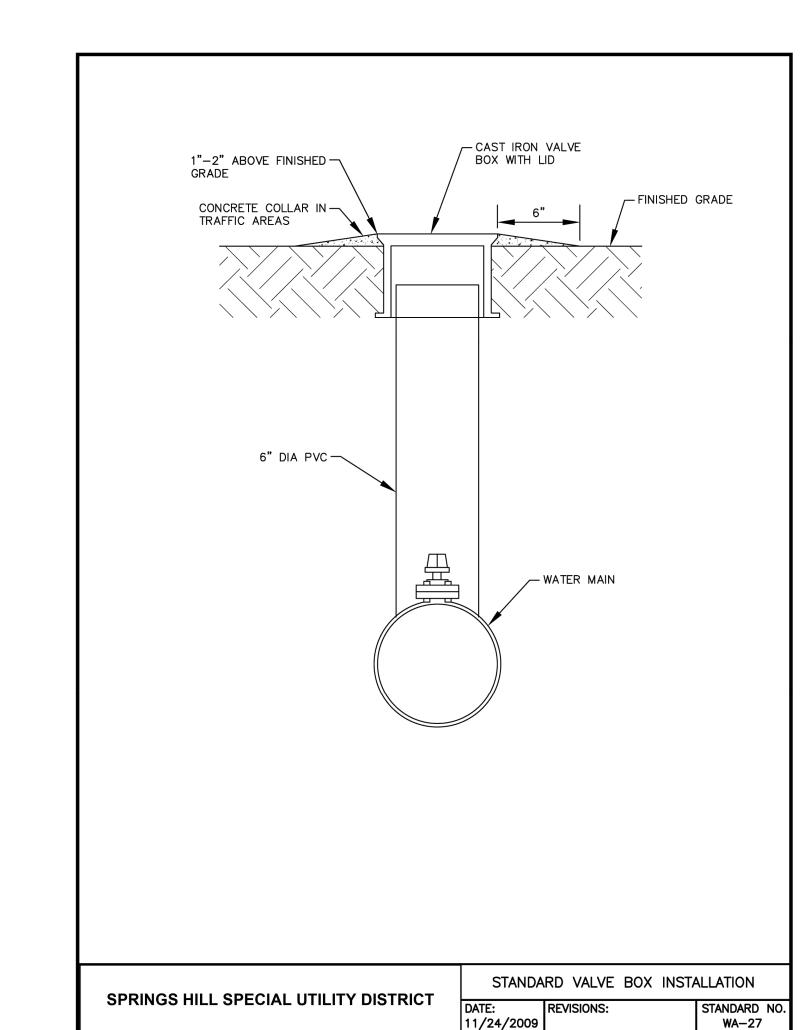
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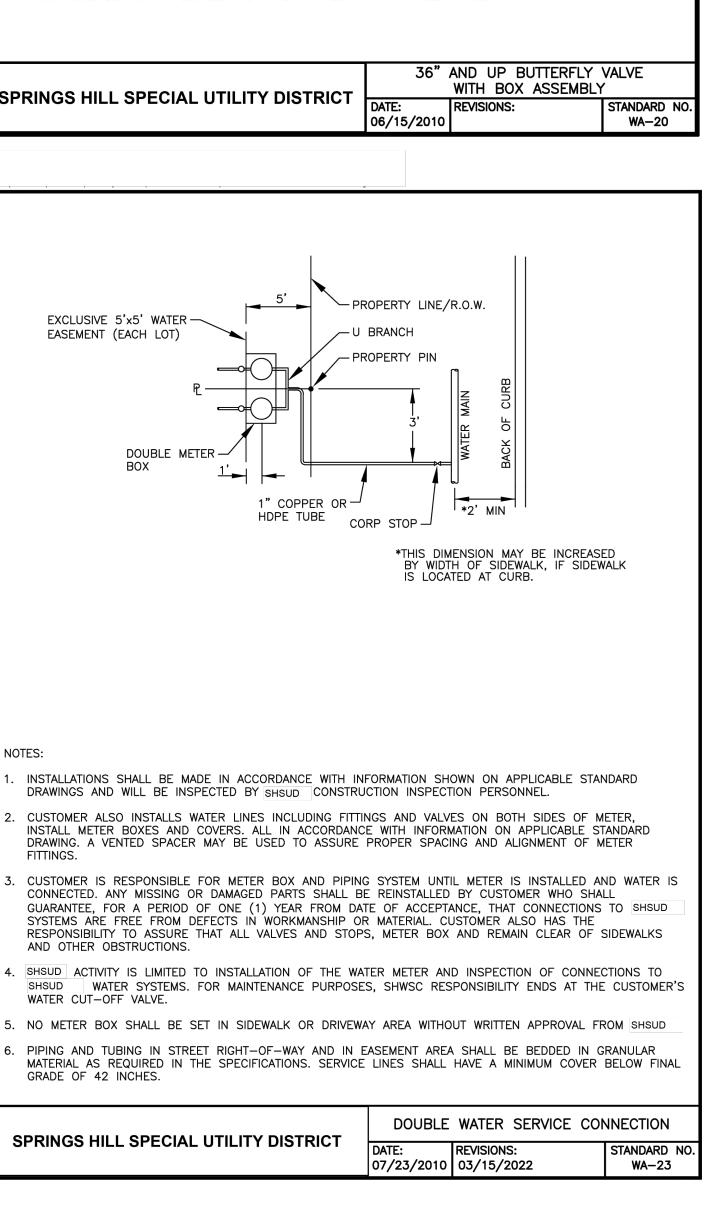


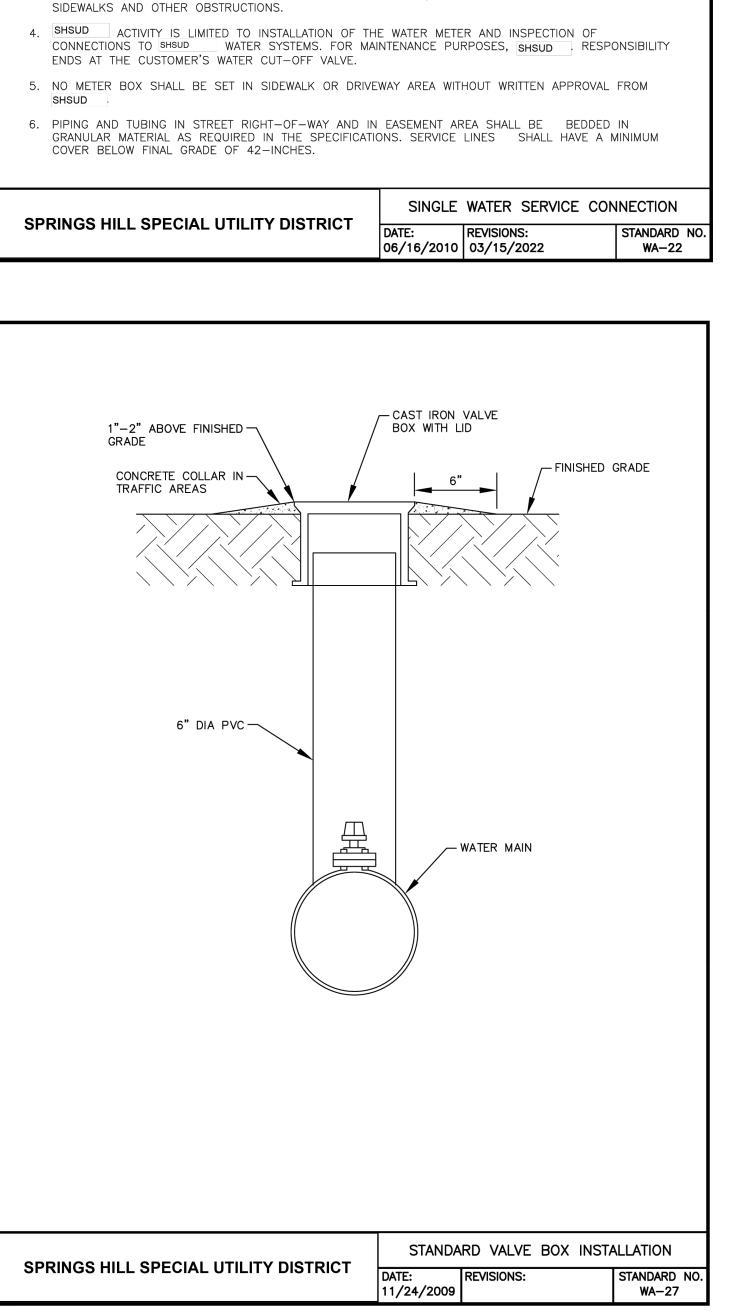




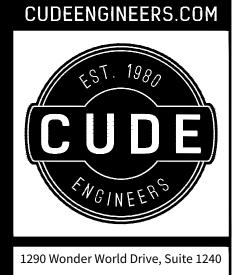








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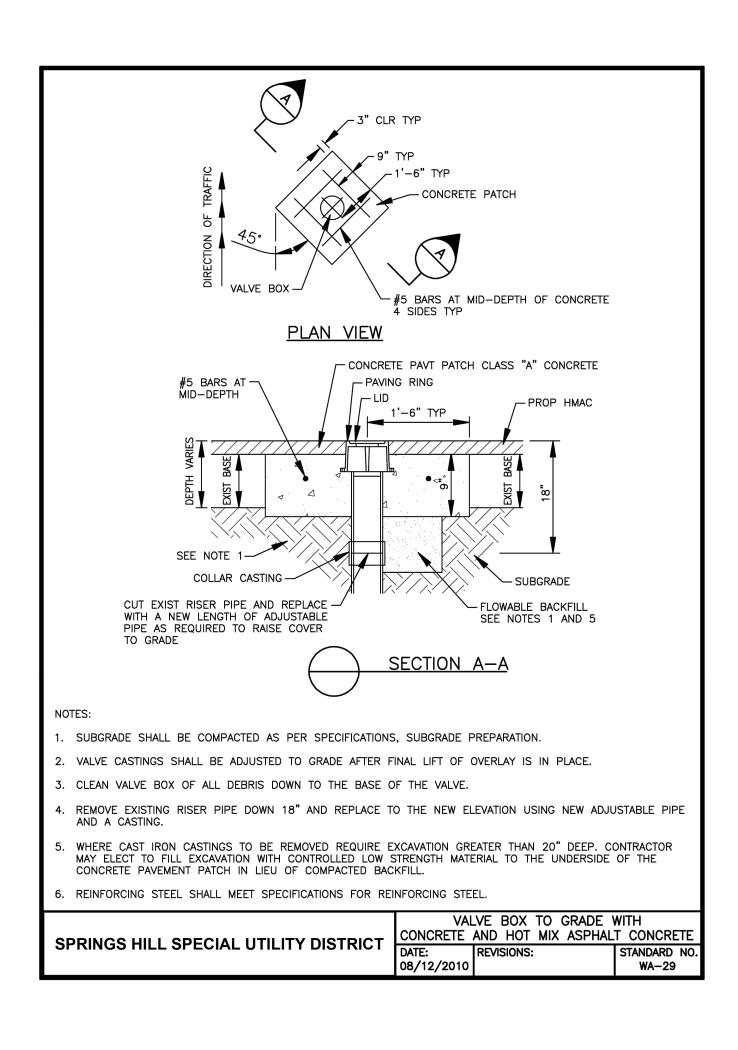


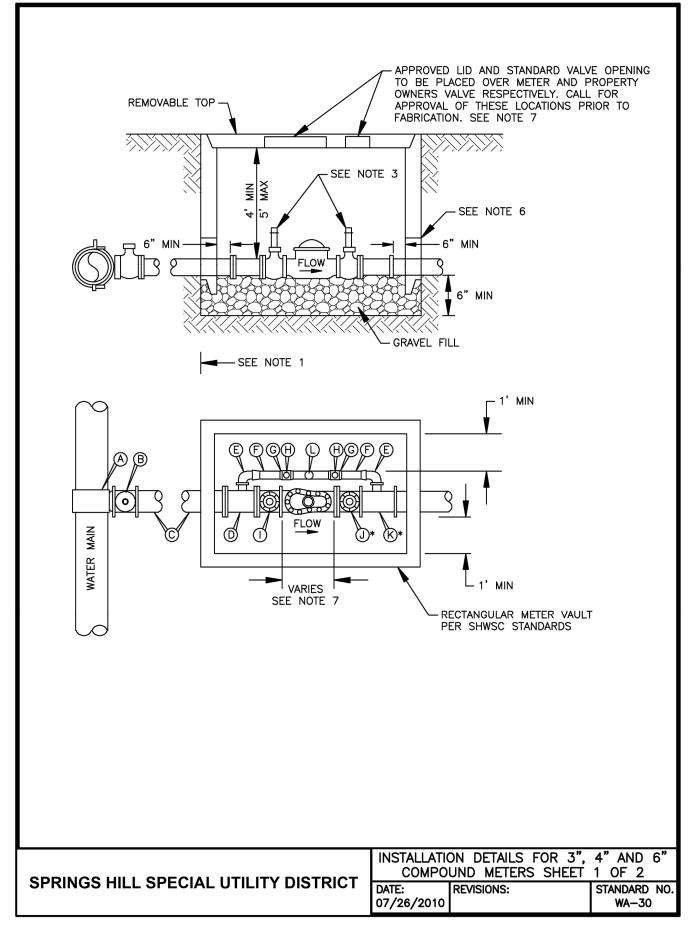
San Marcos, Texas 78666 P:(210) 681.2951 F: (210) 523.7112

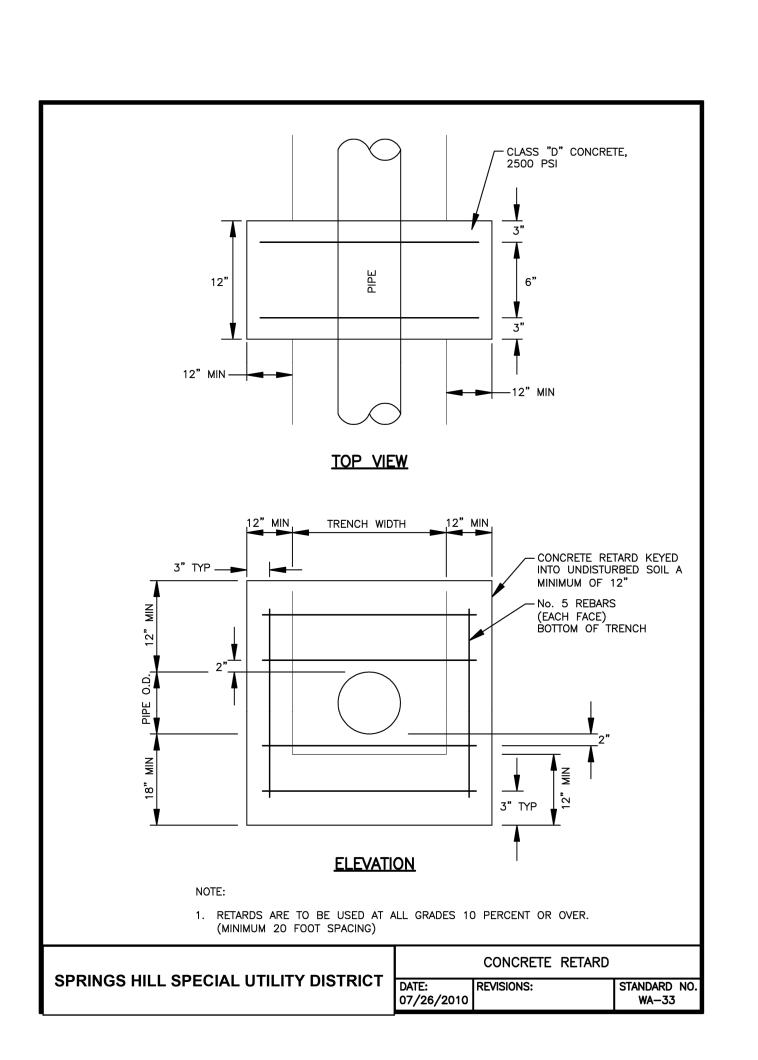
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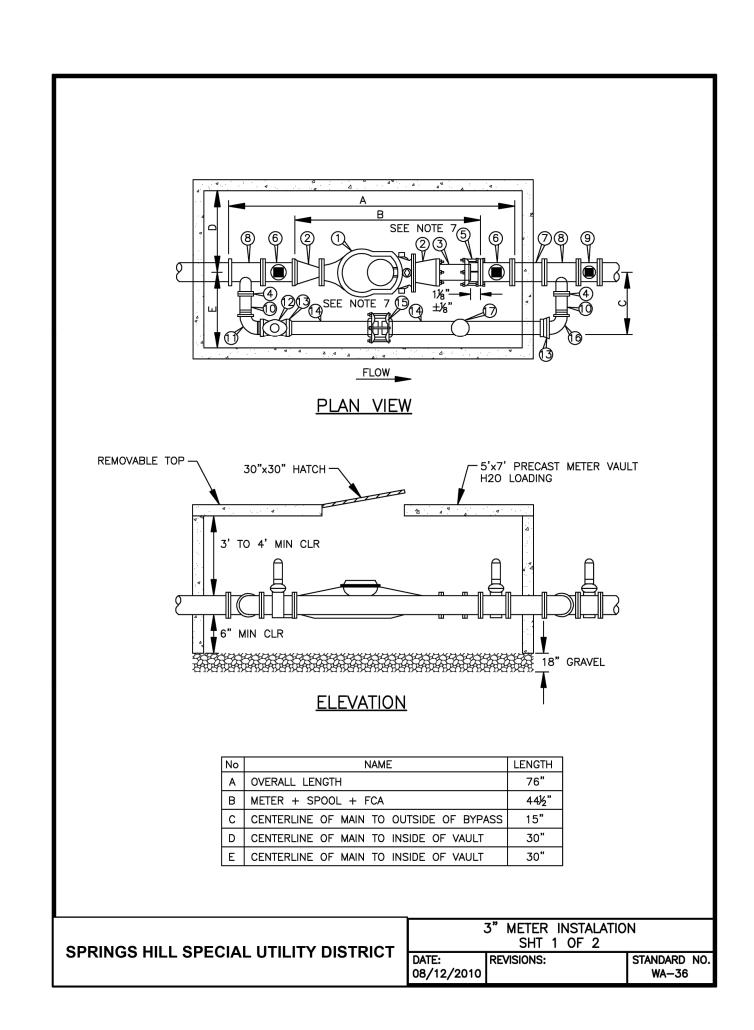
08/12/2025 PROJECT NO. 04154-000 DRAWN BY SG/JVA CHECKED BY

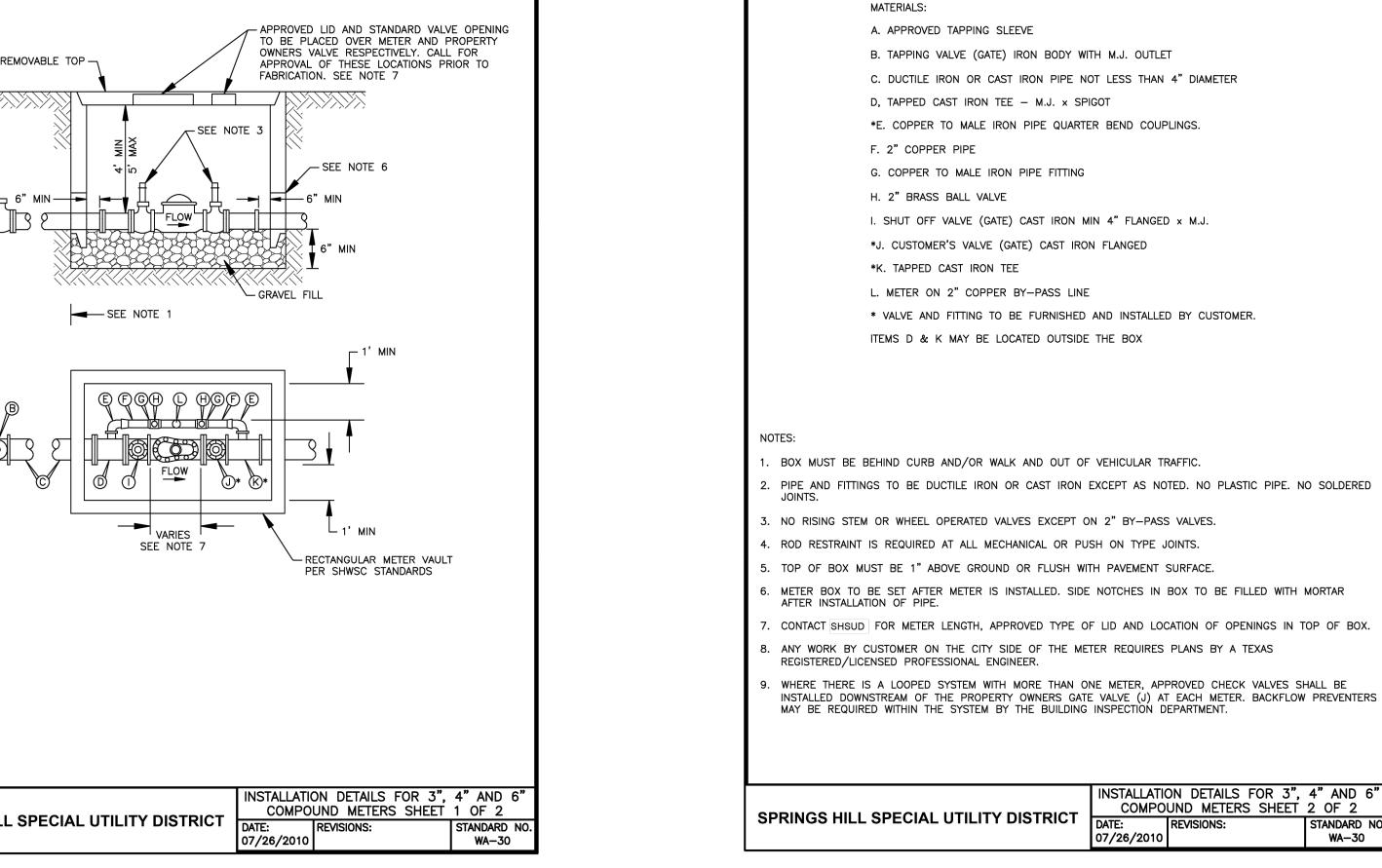
> CUDE ENGINEERS TB₽EL\$ No. 10048500

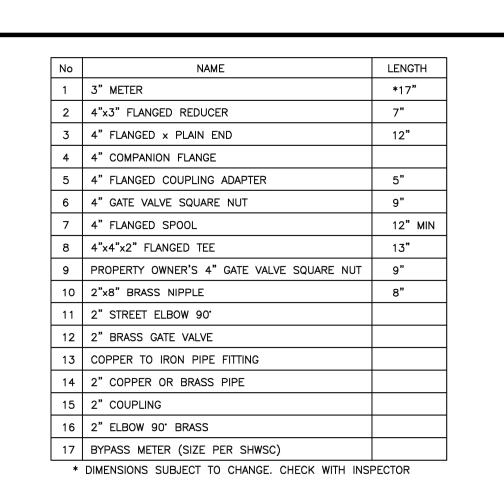












- 1. PIPE AND METER SIZE SHALL BE AS DETERMINED BY OWNER. APPROVAL BY SHSUD AND FIRE DEPARTMENT. PLANS MUST BE PREPARED BY A LICENSED ENGINEER IF INSTALLATION IN RIGHT-OF-WAY IS BY OTHER THAN
- 2. METER VAULT MUST BE BEHIND CURB AND/OR WALK AND OUT OF VEHICULAR TRAFFIC.
- . MAIN LINE AND BYPASS VALVES WILL BE RESILIENT SEAT TYPE WITH CORROSION RESISTANT FUSION BANDED EPOXY COATING INSIDE AND OUTSIDE, NON-RISING STEM. MAIN LINE VALVES SHALL HAVE SQUARE OPERATING NUTS. BYPASS VALVE WILL HAVE A HANDWHEEL. PROPERTY OWNER'S VALVE MUST BE LOCATED OUTSIDE THE
- APPROVAL WILL BE NEEDED IF HEIGHT OF VAULT EXCEEDS 72". METER MUST BE MODIFIED TO READ FROM TOP OF VAULT.
- 5. HATCH OPENING WILL BE 30"x30".
- 6. IRON PIPE TAPPING SLEEVE IN STREET RIGHT-OF-WAY SHALL BE IMBEDDED IN GRANULAR MATERIALS AS REQUIRED BY SHSUD STANDARD SPECIFICATIONS. BACKFILL ABOVE GRANULAR BEDDING AS REQUIRED.
- 7. DOUBLE HARNESS MJ WITH TIE RODS. ALL OTHER FITTINGS INSIDE VAULT WILL BE FLANGED.
- 8. CONTACT SHSUD OFFICE PRIOR TO INSTALLATION OF COMPOUND METERS FOR PROPER DOMESTIC DEMANDS.
- 9. NOTCHES WHERE PIPING GOES THROUGH VAULT SHALL BE FILLED WITH MORTAR. 10. THE TOP OF THE METER VAULT SHALL BE AT AN ELEVATION SUCH THAT THE SURROUNDING GROUND SLOPES

AWAY FROM THE VAULT.

SPRINGS HILL SPECIAL UTILITY DISTRICT PATE: IRRUSIONES I STANDARD	
DATE: REVISIONS: STANDARD	ANDARD N WA-36

3" METER INSTALATION

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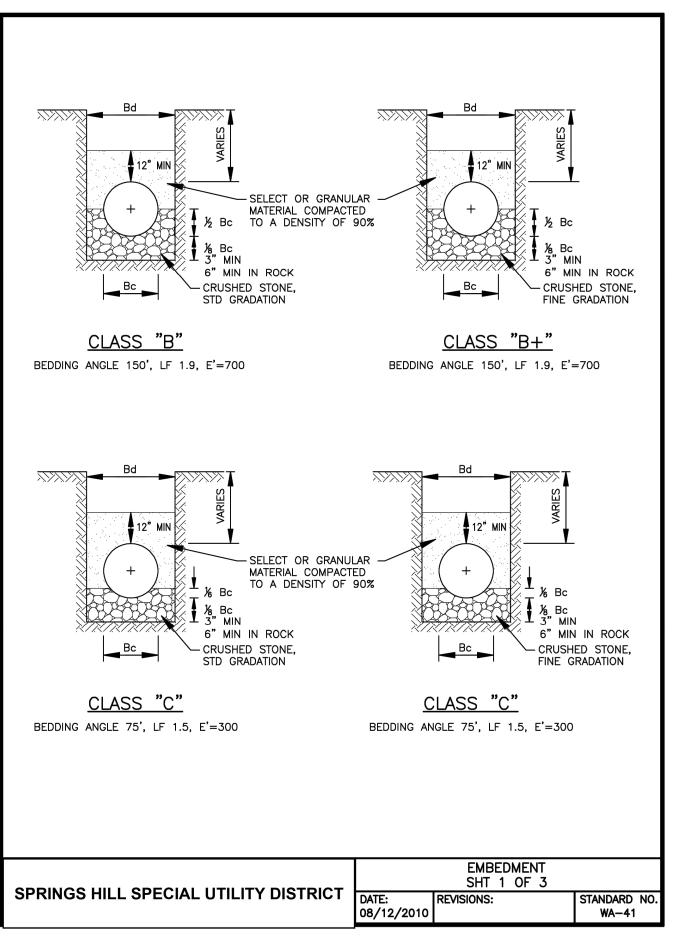
1290 Wonder World Drive, Suite 1240 San Marcos, Texas 78666 P:(210) 681.2951 F: (210) 523.7112

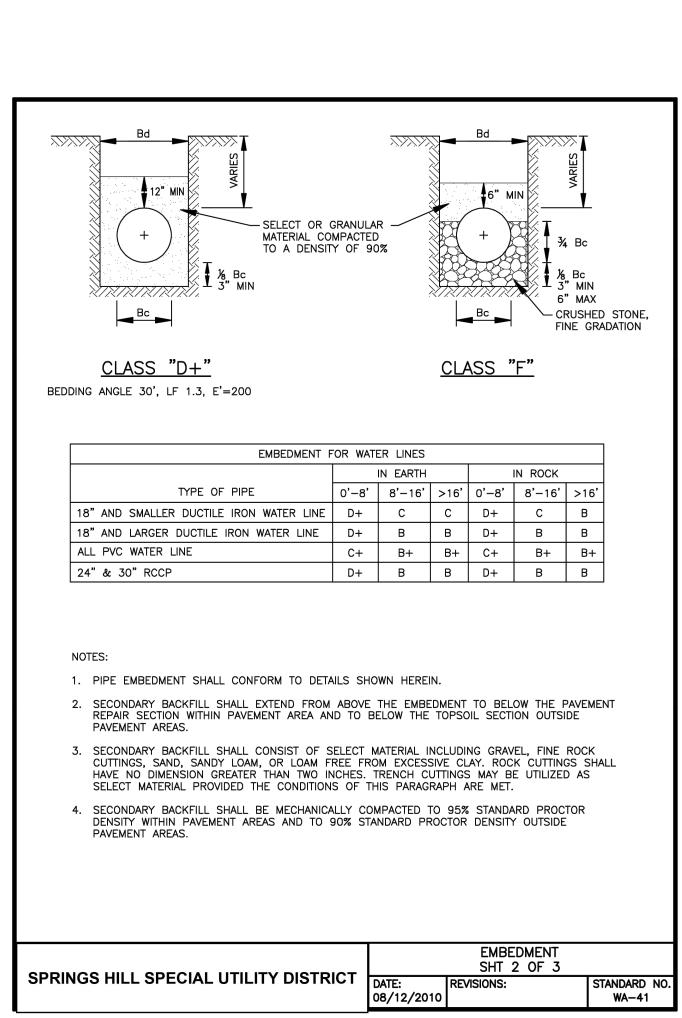
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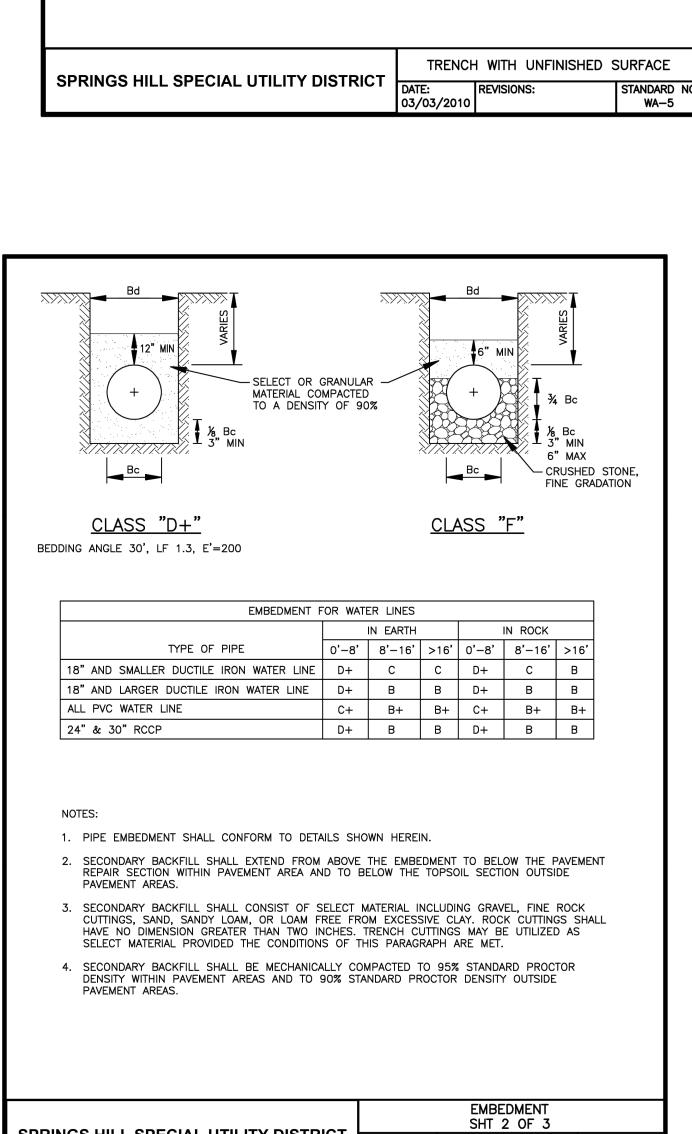
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MULCH OR SOD

PIPE O.D. PLUS

12" MIN. 24" MAX.

1. ALL WATER LINES SHALL HAVE A MINIMUM PRESSURE CLASS OF

2. BEDDING AND BACKFILL SHALL BE COMPACTED TO 90% STANDARD

- NATURAL GROUND

- SELECT COMPACTED BACK FILL SEE STD.

SPECIFICATIONS NO ROCKS 3 INCHES

-12" WIDE (MIN.) MAGNETIC TAPE (VERIFY OF SHOUD PERSONNEL)

BEDDING ENVELOPE. SEE STD.

SHSUD PERSONNEL PRIOR TO INSTALLATION/CONSTRUCTION

SPECIFICATIONS TO BE APPROVED BY

CENTER PIPE IN TRENCH WITH 12" MAGNETIC TAPE. MINIMUM 18" BELOW FINISHED GRADE.

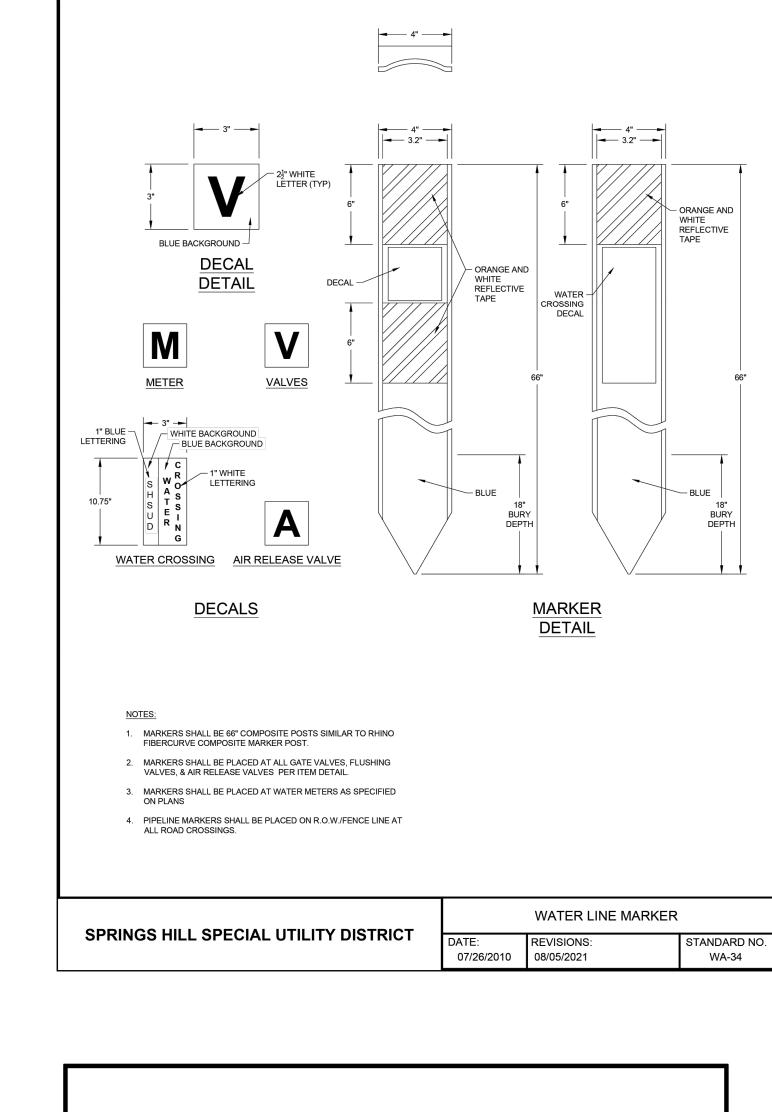
UNDISTURBED EARTH

SUBGRADE OF-

NOTES:

PROCTOR

PROPOSED



EMBEDMENT DIMENSIONS

DIAMETER

6.90

(INCHES)

9.05

9.05

8.40

13.20

13.20

12.40

17.40

17.40

19.50

21.60

21.60

25.80

25.80

30.00

32.00

32.00

32.00

08/12/2010

19.50

6.90 24

(INCHES)

24

25

25

25

29

29

29

33

33

36

38

38

42

EMBEDMENT

SHT 3 OF 3

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WA-41

PIPE

PVC WATER

6 PVC WATER

6 DI WATER

8 DI WATER

12 PVC WATER

12 DI WATER

16 DI WATER

18 DI WATER

20 DI WATER

20 PVC WATER

24 PVC WATER

30 PVC WATER

30 DI WATER

30 RCCP WATER

24

1. RCCP = REINFORCED CONCRETE CYLINDER PIPE.

SPRINGS HILL SPECIAL UTILITY DISTRICT

NOTES:

RECOMMENDATIONS.

DI WATER

RCCP WATER

2. EMBEDMENT DIMENSION FOR HDPE PIPE SHALL BE IN ACCORDANCE WITH MANUFACTURE'S

18 PVC WATER

16 PVC WATER

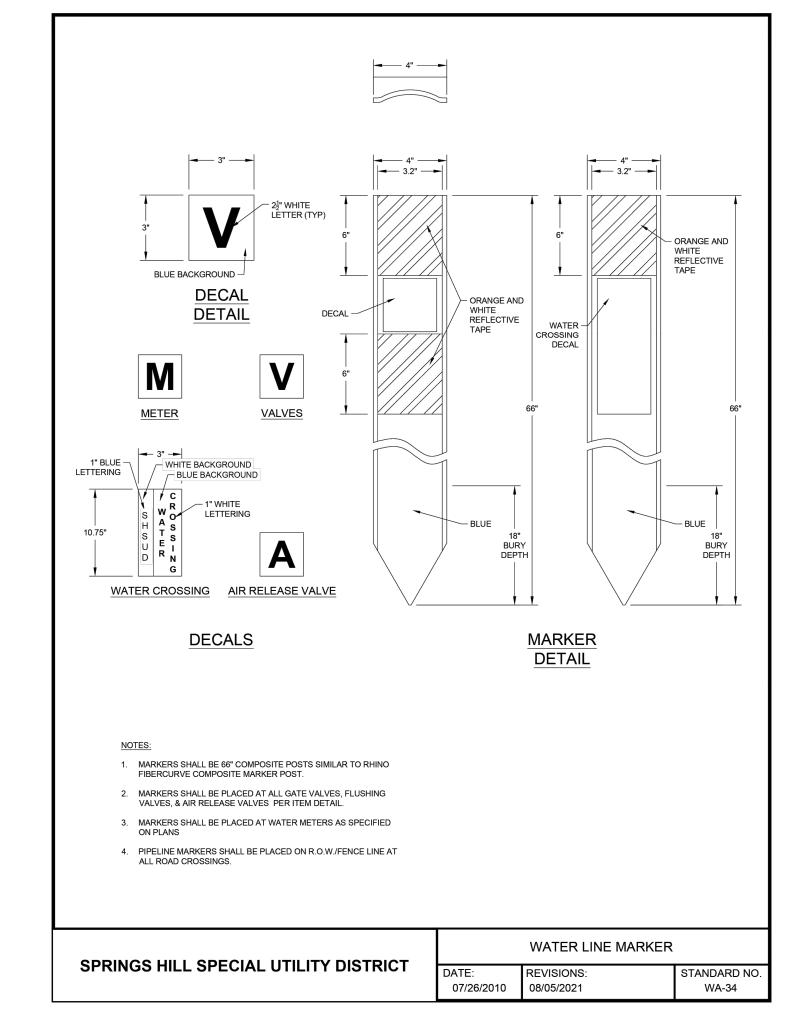
8 PVC

12 PVC

DIAMETER

(INCHES)

8





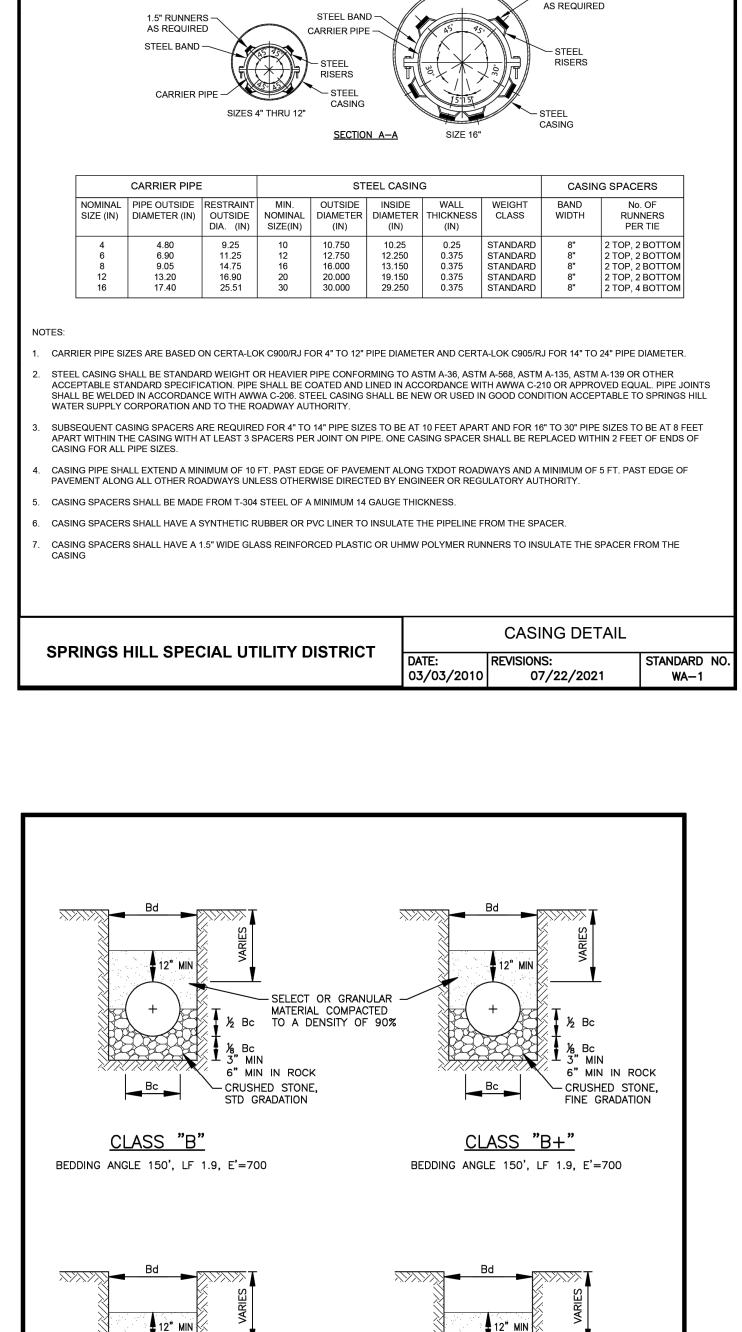
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San Marcos, Texas 78666

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NATURAL -

-1.5" RUNNERS

- CASING SPACER

NOT TO SCALE

WITH CERTA-LOK PIPE

(BOTH ENDS) ✓ WATER MAIN

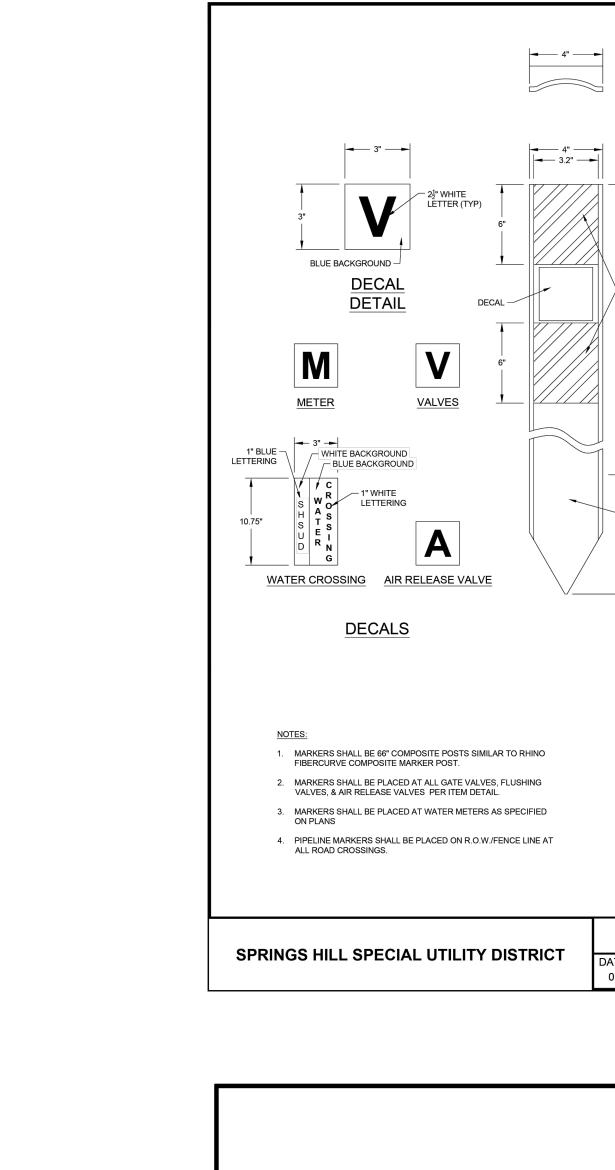
DRAINAGE DITCH -

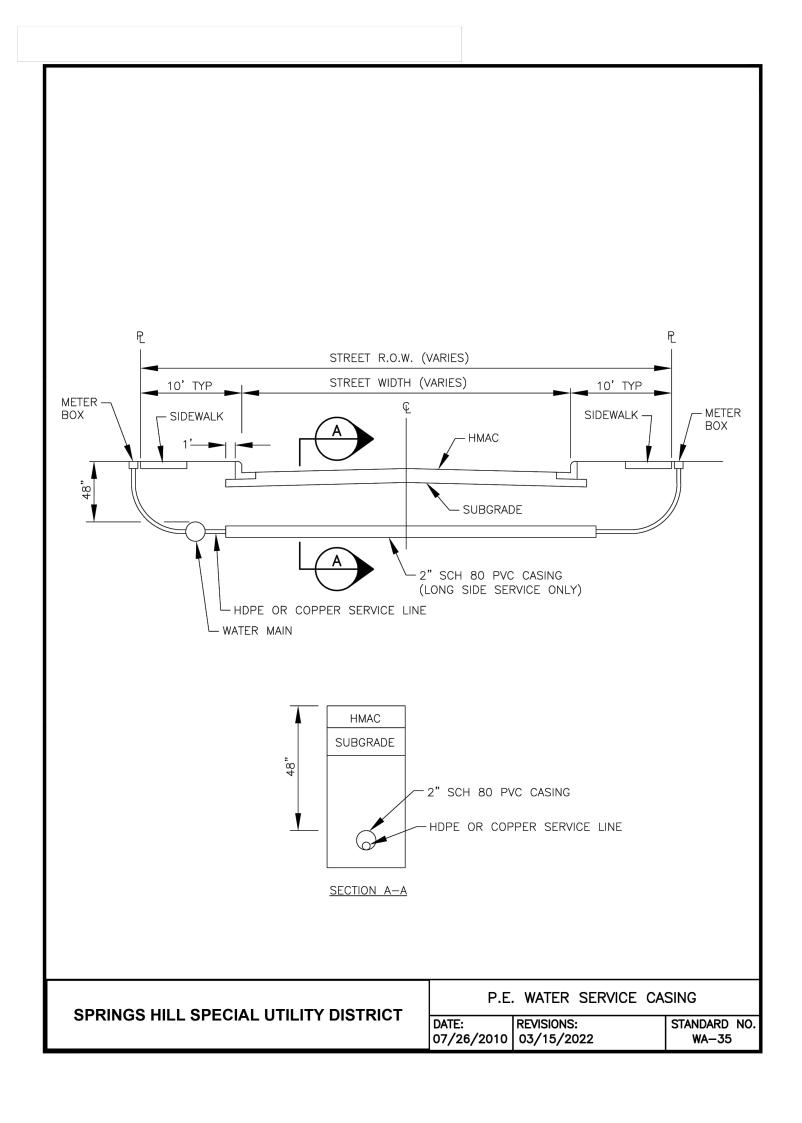
STEEL -

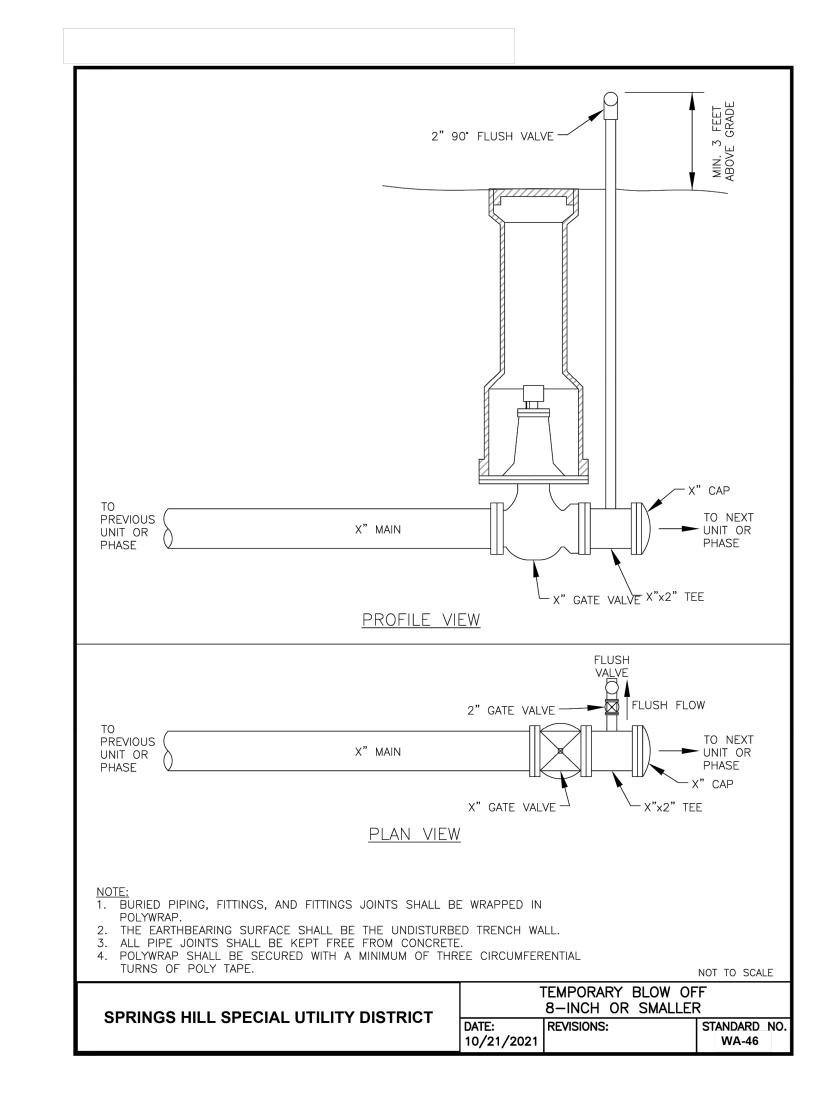
PIPE

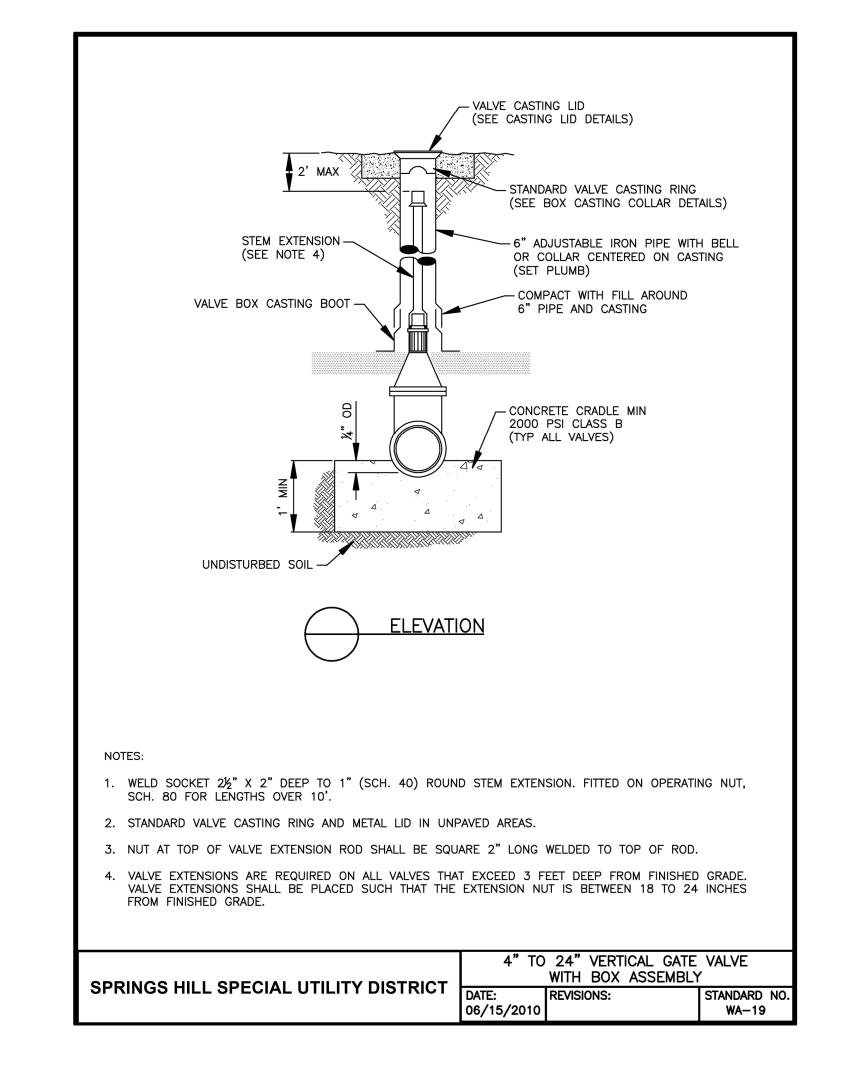
— 10' MAX —►

M.J. FITTING WITH 7

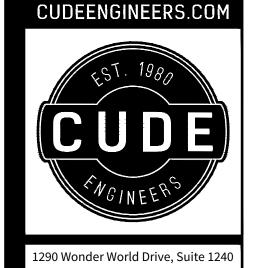








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ARK HOUSE UNIT 1

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