

2026 WATER MAIN REPLACEMENT PROJECT



LEGEND

- EXISTING:**
- WALK
 - CURB & GUTTER
 - ROW
 - WATER MAIN & VALVE
 - FIRE HYDRANT
 - SANITARY SEWER & MANHOLE
 - INLET
 - STORM SEWER & MANHOLE
 - GAS LINE
 - ELECTRIC LINE
 - FIBER OPTIC LINE
 - CABLE TV
 - UTILITY POLE

PROPOSED CONCRETE:

- 4" CONCRETE
- 8" CONCRETE
- CURBWALK
- CURB AND GUTTER
- ASPHALT PATCH

SHEET NO.

- 2
- 3
- 4
- A5
- A6
- A7-A8
- 9
- 10

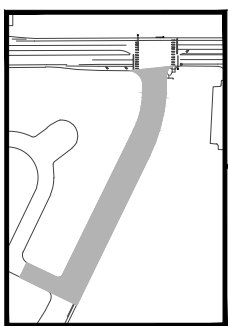
SHEET INDEX

- SHEET TITLE**
- NOTES
- CIRCLE DR.
- GRANT AVE.
- ALTERNATE NO.1 - GARFIELD AVE.
- ALTERNATE NO.2 - JEFFERSON AVE.
- ALTERNATE NO.3 - TRAILER PARK WATER METER
- DETAILS
- DETAILS

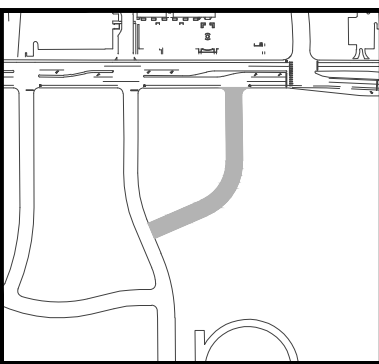
WATER LEGEND

PROPOSED:

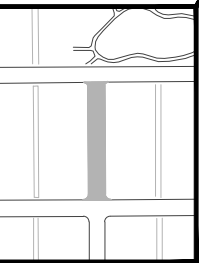
- 90° BEND
- 45° BEND
- 22.5° BEND
- 11.25° BEND
- FIRE HYDRANT
- CROSS
- TEE W/ THRUST BLOCK
- GATE VALVE
- CAP
- REDUCER
- SOLID SLEEVE
- SOLID X SWIVEL ADAPTER



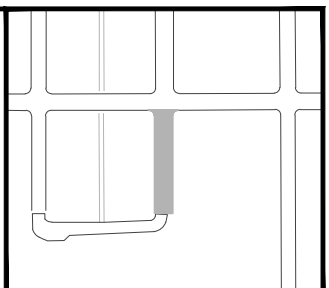
ALTERNATE NO. 3
TRAILER PARK WATER METER
SHEET A7-A8



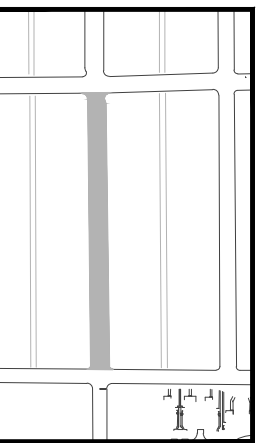
CIRCLE DR
SHEET 3



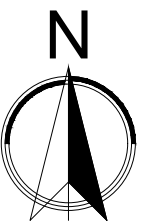
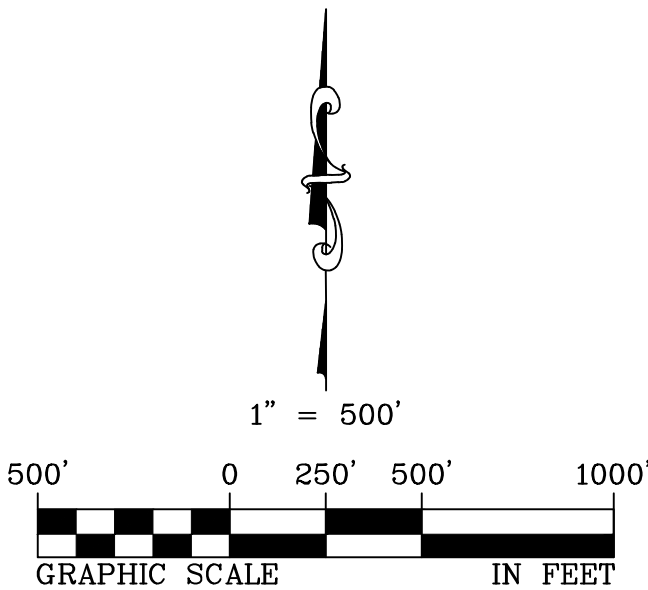
GRANT AVE
SHEET 4



ALTERNATE NO. 1
GARFIELD AVE
SHEET A5



ALTERNATE NO. 2
JEFFERSON AVE
SHEET A6



LOCATION MAP

1"=1000'

FOR ADVERTISEMENT
APPROVED BY: TYLER TROJAN
JUNE 2026

GENERAL NOTES (ALL CONSTRUCTION):

- ALL MATERIALS AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH THE DESIGN AND CONSTRUCTION STANDARDS OF THE CITY OF LOUISVILLE AND THESE CONTRACT SPECIFICATIONS. THE CONTRACTOR SHALL HAVE IN HIS POSSESSION AT ALL TIMES ONE (1) SIGNED COPY OF THE PLANS, STANDARDS, AND CONTRACT SPECIFICATIONS AS APPROVED BY THE CITY. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FOR ANY VARIANCE TO THE ABOVE DOCUMENTS.
- THE CONTRACTOR SHALL MAINTAIN ONE RECORD COPY OF ALL DRAWINGS WHICH ARE TO BE READILY AVAILABLE TO THE ENGINEER AT ALL TIMES. THE FINAL RECORD DRAWINGS (AS-BUILTS) SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FINAL PAYMENT.
- CONTRACTOR SHALL OBTAIN, AT HIS OWN EXPENSE, ALL APPLICABLE CODES, LICENSES, STANDARDS, SPECIFICATIONS, PERMITS, BONDS, ETC. WHICH ARE NECESSARY TO PERFORM THE PROPOSED WORK. THE CONTRACTOR, ALONG WITH ALL SUBCONTRACTORS SHALL BE LICENSED IN THE CITY OF LOUISVILLE. CONTRACTOR SHALL SUBMIT A LIST OF ALL SUBCONTRACTORS INVOLVED IN THE PROJECT AND THEIR LICENSE NUMBERS TO THE ENGINEER. THE CONTRACTOR SHALL OBTAIN A RIGHT OF WAY PERMIT FROM THE CITY OF LOUISVILLE PUBLIC WORKS DEPARTMENT FOR THE PROJECT. A COPY OF THE RIGHT OF WAY PERMIT SHALL BE ON SITE AT ALL TIMES AND THE CONTRACTOR SHALL FORWARD A COPY TO ALL SUBCONTRACTORS.
- IF WATER IS REQUIRED FOR THE PROJECT, THE CONTRACTOR SHALL OBTAIN A BULK WATER PERMIT FROM THE CITY OF LOUISVILLE PUBLIC WORKS DEPARTMENT IN ACCORDANCE WITH THE PERMIT REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING STREETS, CURBS, SIDEWALKS, BUILDINGS, DRIVEWAYS, ALLEYS, LAWNS, PARKING LOTS, ETC. ADJACENT TO THE PROJECT FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGES CAUSED BY THE CONTRACTORS OPERATIONS SHALL BE RECONSTRUCTED OR REPAIRED WITH LIKE MATERIALS TO THE SATISFACTION OF THE ENGINEER AND AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL PROVIDE DAILY CLEANUP OF THE SITE INCLUDING, BUT NOT LIMITED TO, REMOVAL OF ALL TRASH AND DEBRIS AND REMOVAL OF MUD, DIRT, ETC. FROM SIDEWALK AND PAVEMENT SURFACES WITHIN AND ADJACENT TO THE SITE. CLEANUP WILL INCLUDE SWEEPING ADJACENT SURFACES ACCESSIBLE TO THE GENERAL PUBLIC.
- THE CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS/RESIDENTS TO PHASE WORK SUCH THAT EMERGENCY ACCESS IS PROVIDED AT ALL TIMES AND RESIDENCE ACCESS IS AVAILABLE DURING NON-WORKING HOURS.
- WHERE IT IS REQUIRED TO CUT EXISTING ASPHALT OR CONCRETE, THE CUTTING SHALL BE DONE TO NEAT, STRAIGHT LINE BY SAW CUTTING.
- COMPACTION FOR THE PROJECT SHALL BE AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS.
- WATER SHALL BE USED AS A DUST PALLIATIVE WHERE REQUIRED. LOCATIONS SHALL BE AS ORDERED BY THE ENGINEER. THIS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE WORK.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CITY ENGINEER AND PROJECT ENGINEER OF ANY PROBLEM IN CONFORMING TO THE APPROVED PLANS OR ANY ELEMENT OF THE PROPOSED IMPROVEMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING BOULDER COUNTY COMMUNICATION AND THE LOUISVILLE FIRE DEPARTMENT OF ALL STREETS CLOSINGS AND OF EXISTING FIRE HYDRANTS TAKEN OUT OF SERVICE AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY ALL PUBLIC UTILITY COMPANIES AND DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO PROCEEDING WITH

CONSTRUCTION. ALL WORK PERFORMED IN THE AREA OF PUBLIC UTILITIES SHALL BE PERFORMED ACCORDING TO THE REQUIREMENTS OF THESE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ANY EXISTING UTILITY (INCLUDING DEPTH) WHICH MAY CONFLICT WITH THE PROPOSED CONSTRUCTION, 72 HOURS PRIOR TO COMMENCEMENT OF THE IMPROVEMENTS DESCRIBED IN THE PROJECT. THE CONTRACTOR SHALL PROTECT, AT HIS OWN EXPENSE, ALL EXISTING UTILITIES AND BE RESPONSIBLE FOR THEIR REPAIR IF THEY ARE DAMAGED DURING CONSTRUCTION. ALL KNOWN EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ON THE PLANS. THE ACTUAL LOCATION MAY VARY FROM THE PLANS, ESPECIALLY IN THE CASE OF UNDERGROUND UTILITIES. WHENEVER THE CONTRACTOR DISCOVERS A DISCREPANCY IN LOCATIONS, HE SHALL CONTACT THE ENGINEER IMMEDIATELY.

- ANY CONSTRUCTION DEBRIS OR MUD TRACKED ONTO EXISTING ROADWAYS SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR. THE CONTRACTOR SHALL REPAIR ANY EXCAVATIONS OR PAVEMENT FAILURES CAUSED BY HIS CONSTRUCTION.
- THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS AT AND ADJACENT TO THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- EXCEPT WHERE OTHERWISE PROVIDED FOR IN THESE PLANS AND SPECIFICATIONS, THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 2011 EDITION, AND THE CITY OF LOUISVILLE DESIGN AND CONSTRUCTION STANDARDS, 1994 EDITION, SHALL APPLY.
- DRAWINGS ARE NOT INTENDED TO BE SCALED, BUT ARE SUPPLIED FOR GENERAL INFORMATION TO THE CONTRACTOR.
- NO WORK SHALL BE BACKFILLED UNTIL THE CONSTRUCTION HAS BEEN INSPECTED AND APPROVED FOR BACKFILLING BY THE CITY OF LOUISVILLE.
- PRIOR TO THE PLACEMENT OF ANY CONCRETE, THE CONTRACTOR SHALL CONFIRM THAT THE GRADE AND CROSS SLOPE OF THE CURB AND GUTTER OR SIDEWALK FORMS PROVIDE PROPER DRAINAGE. GRADE STAKES SHALL BE SET WITH A SURVEYING LEVEL AND TRIPOD. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY SECTION WHICH DOES NOT CONFORM TO THE DESIGN OR THE TYPICAL SECTION.
- THE CONTRACTOR IS REQUIRED TO PROVIDE AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE STATE OF COLORADO, URBAN DRAINAGE AND FLOOD CONTROL DISTRICT "URBAN STORM DRAINAGE CRITERIA MANUAL VOLUME 3", AND THE M-STANDARD PLANS OF THE COLORADO DEPARTMENT OF TRANSPORTATION. DURING ALL WET OR DRY CONCRETE SAW CUTTING OPERATIONS ALL RESIDUAL SHALL BE VACUUMED. ENGINEER MAY REQUIRE THE CONTRACTOR TO PROVIDE ADDITIONAL EROSION CONTROL MEASURES DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE PLANS DO NOT FUNCTION AS INTENDED. THE CONTRACTOR IS RESPONSIBLE FOR PROHIBITING SILT AND DEBRIS LADEN RUNOFF FROM LEAVING THE SITE, AND FOR KEEPING ALL PUBLIC AREAS FREE OF MUD AND DEBRIS. THE CONTRACTOR IS RESPONSIBLE FOR REESTABLISHING FINAL GRADES AND FOR REMOVING ACCUMULATED SEDIMENTATION FROM ALL AREAS INCLUDING SWALES AND DETENTION/WATER QUALITY AREAS.

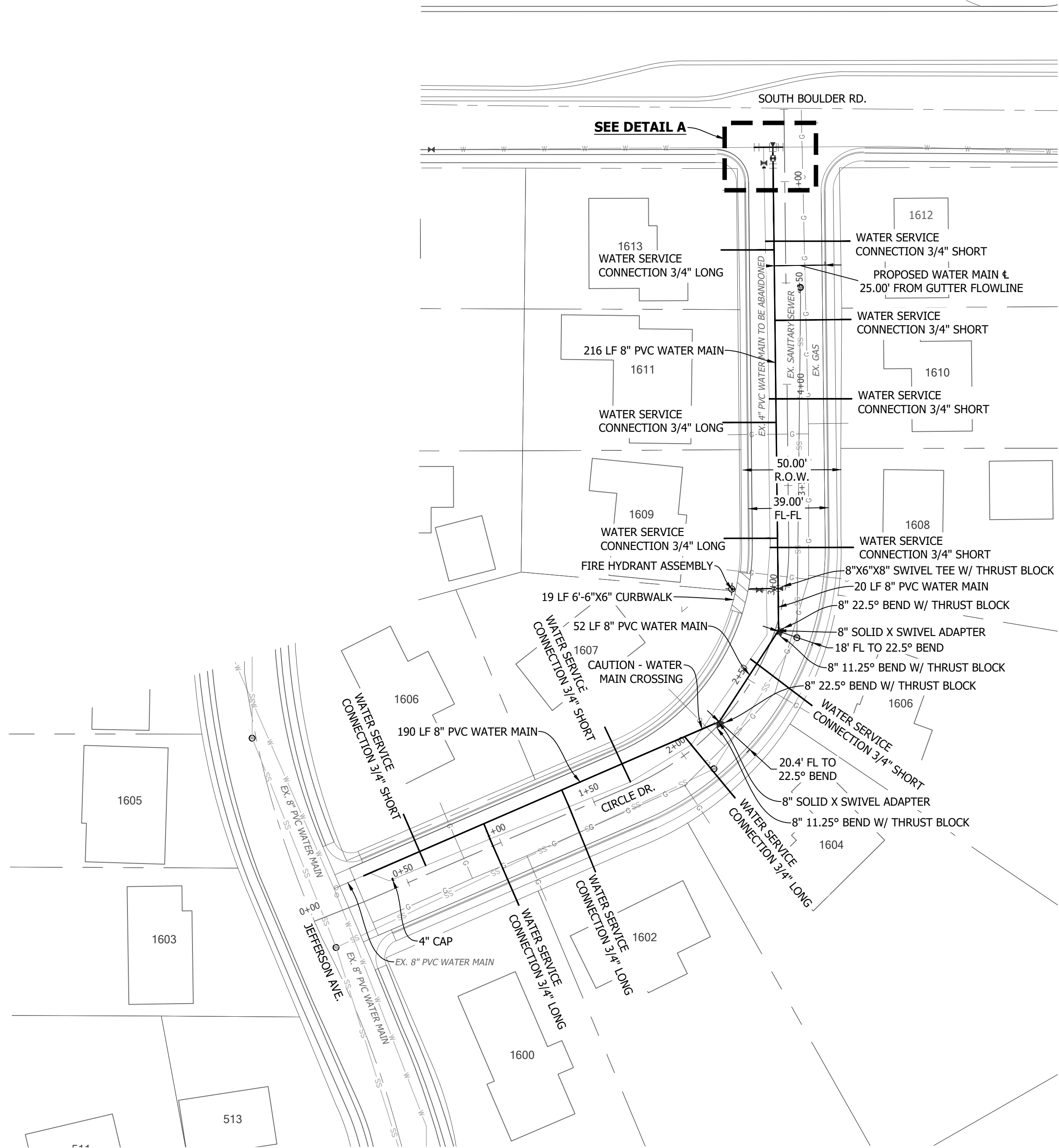
BEST MANAGEMENT PRACTICES FOR STORMWATER MANAGEMENT

- SEDIMENT CONTROL SHALL BE PROVIDED AT STORM SEWER INLETS AND/OR DOWNSTREAM OF STREET OR AS DIRECTED USING CURB SOCKS WITH 1½" CLEAN GRAVEL AND ½" STEEL MESH. IMPLEMENTING THESE MEASURES SHOULD MINIMIZE NUISANCE SILT AND SEDIMENTATION EXITING THE SITE AND PREVENT CLOGGING EXISTING STORM SEWERS AND STREET GUTTERS.
- APPLICATION OF THESE BMPS FOR STORMWATER MANAGEMENT ARE FOR CONSTRUCTION PERIODS AND ARE CONSIDERED TEMPORARY. POST-CONSTRUCTION STORMWATER MANAGEMENT IS PROVIDED THROUGH STORM COLLECTION SYSTEM.

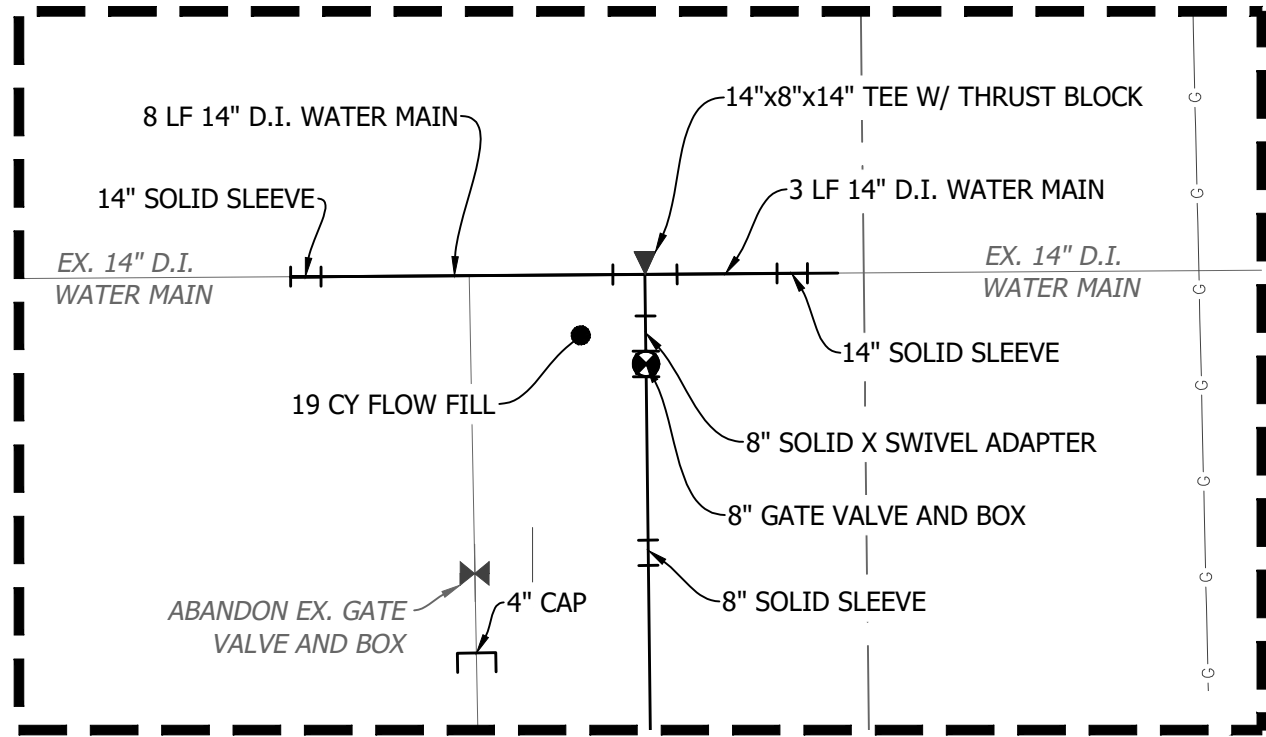
INSPECTION AND MAINTENANCE:

SEDIMENTS DEPOSITED IN THE PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY. AT MINIMUM THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL BMPS EVERY 14 DAYS AND AFTER SIGNIFICANT PRECIPITATION EVENTS. INSTALLATIONS AND MODIFICATIONS AS REQUIRED BY THE CITY WILL BE IMPLEMENTED WITHIN 48 HOURS OF NOTIFICATION.

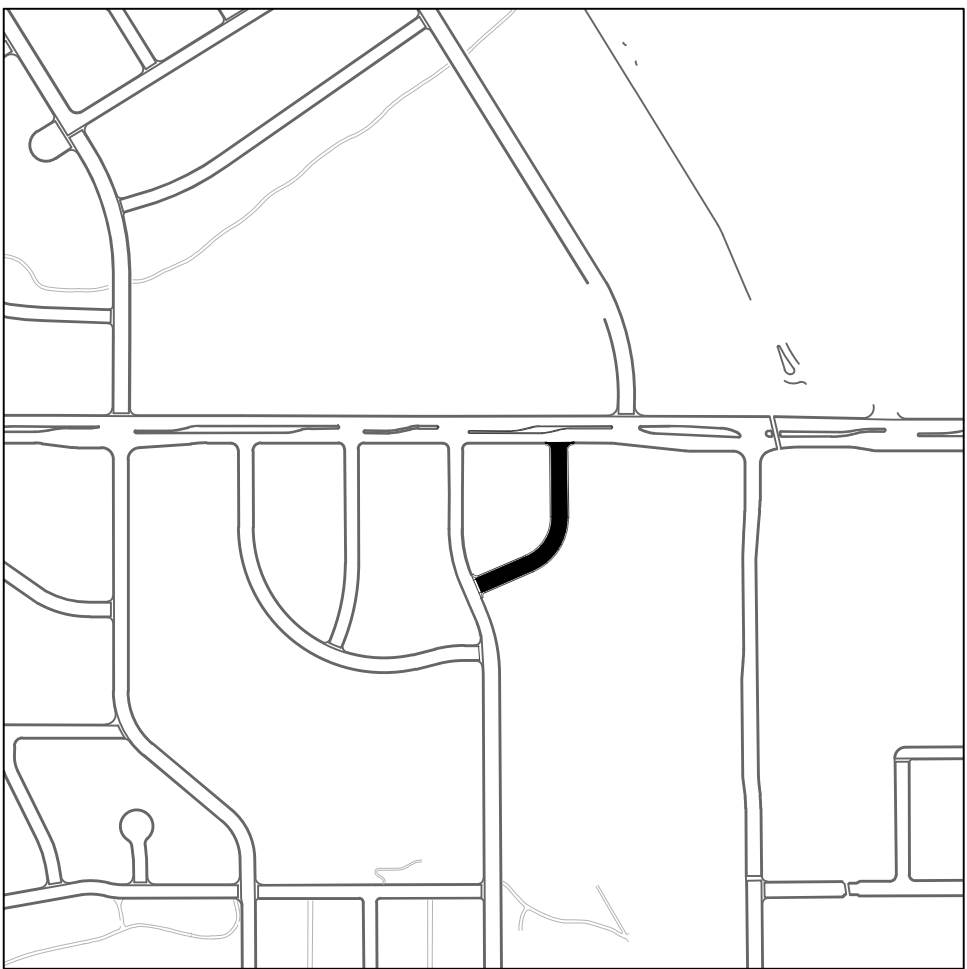
DESIGN BY: MW
DRAWN BY: MH
CHECKED BY: MW
APPROVED BY: TT
ISSUE DATE: JUNE 2026
REVISIONS:



CIRCLE DR. PLAN
1" = 40'



DETAIL A
1"=5"

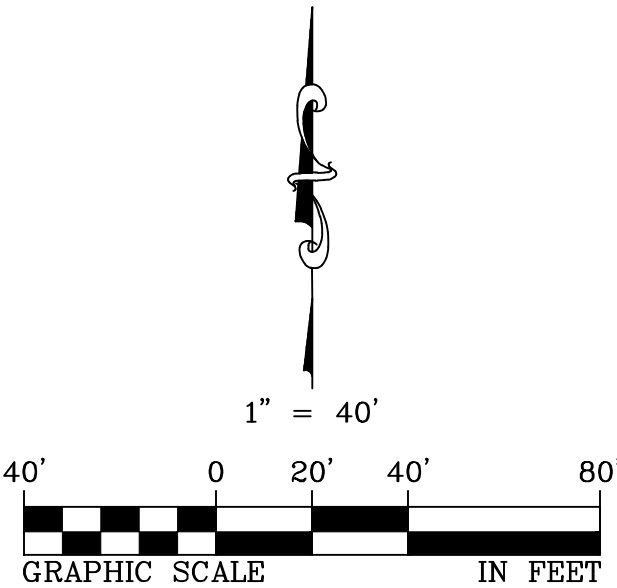


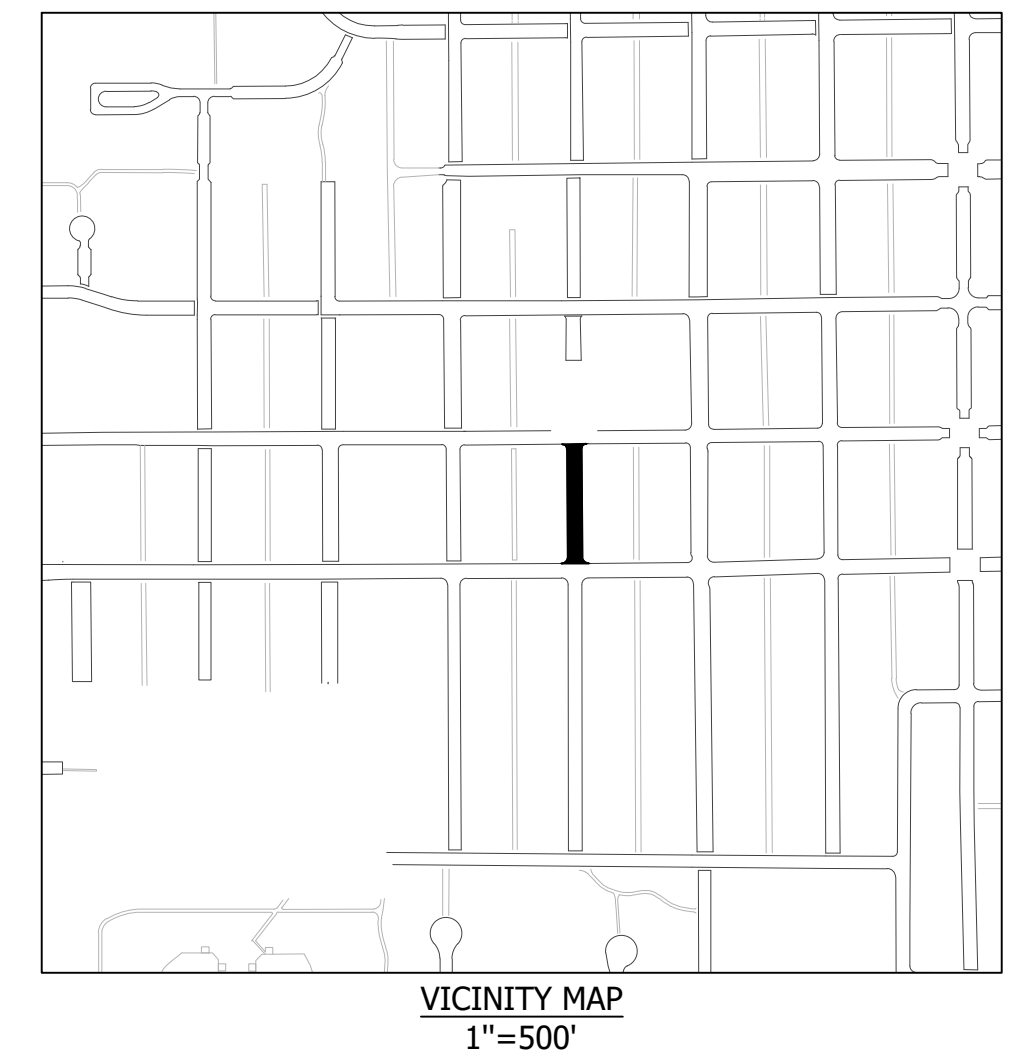
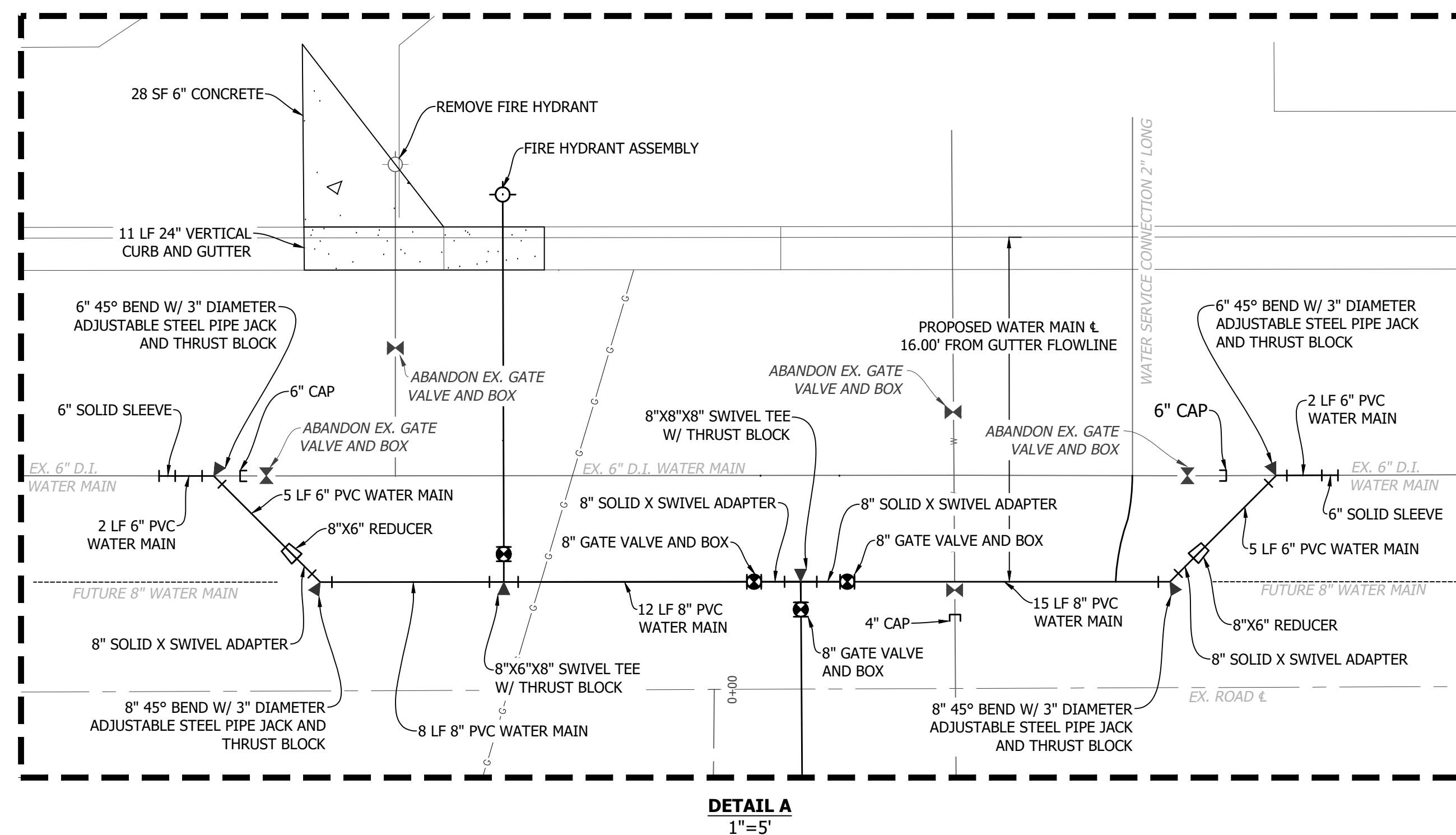
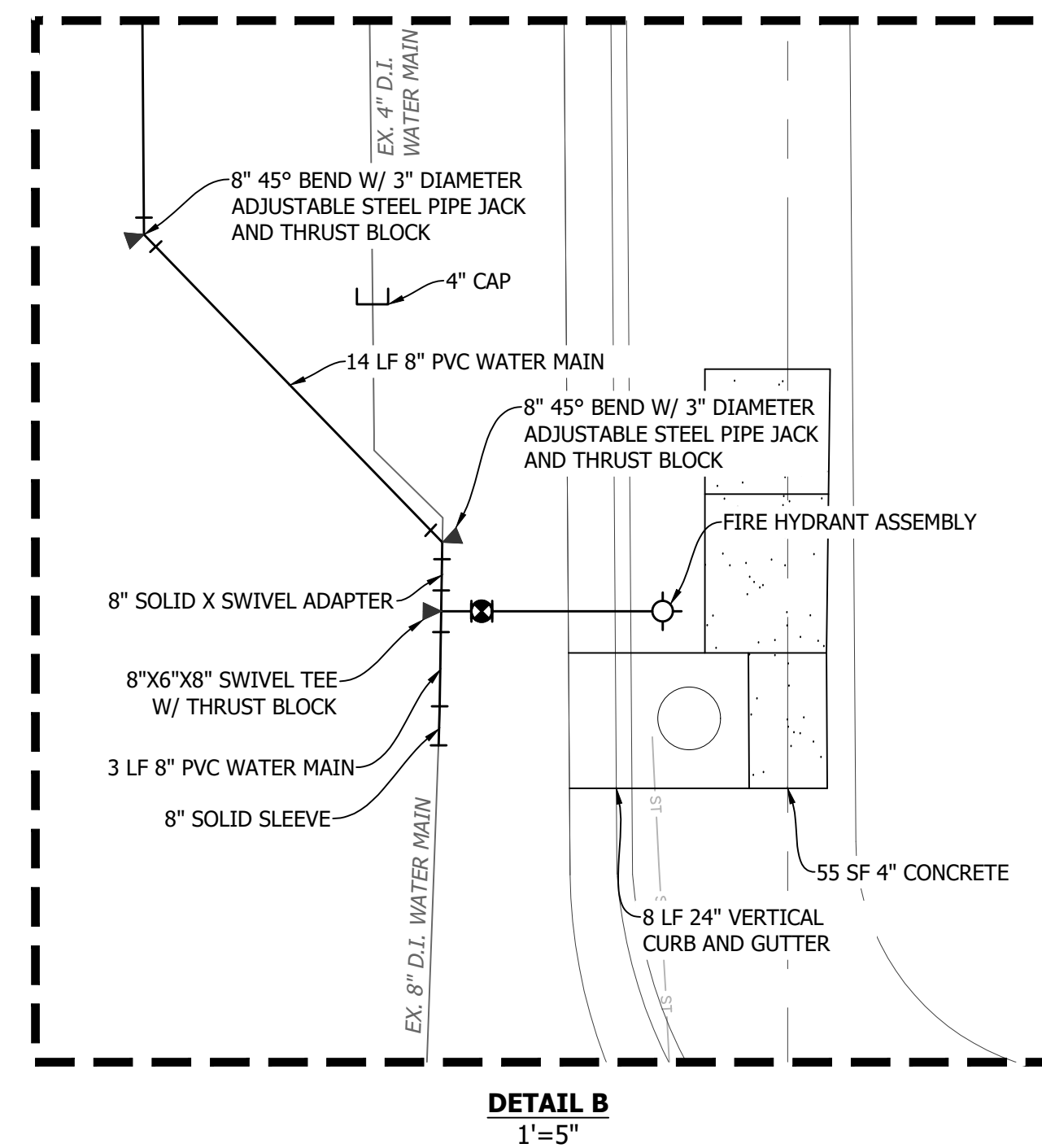
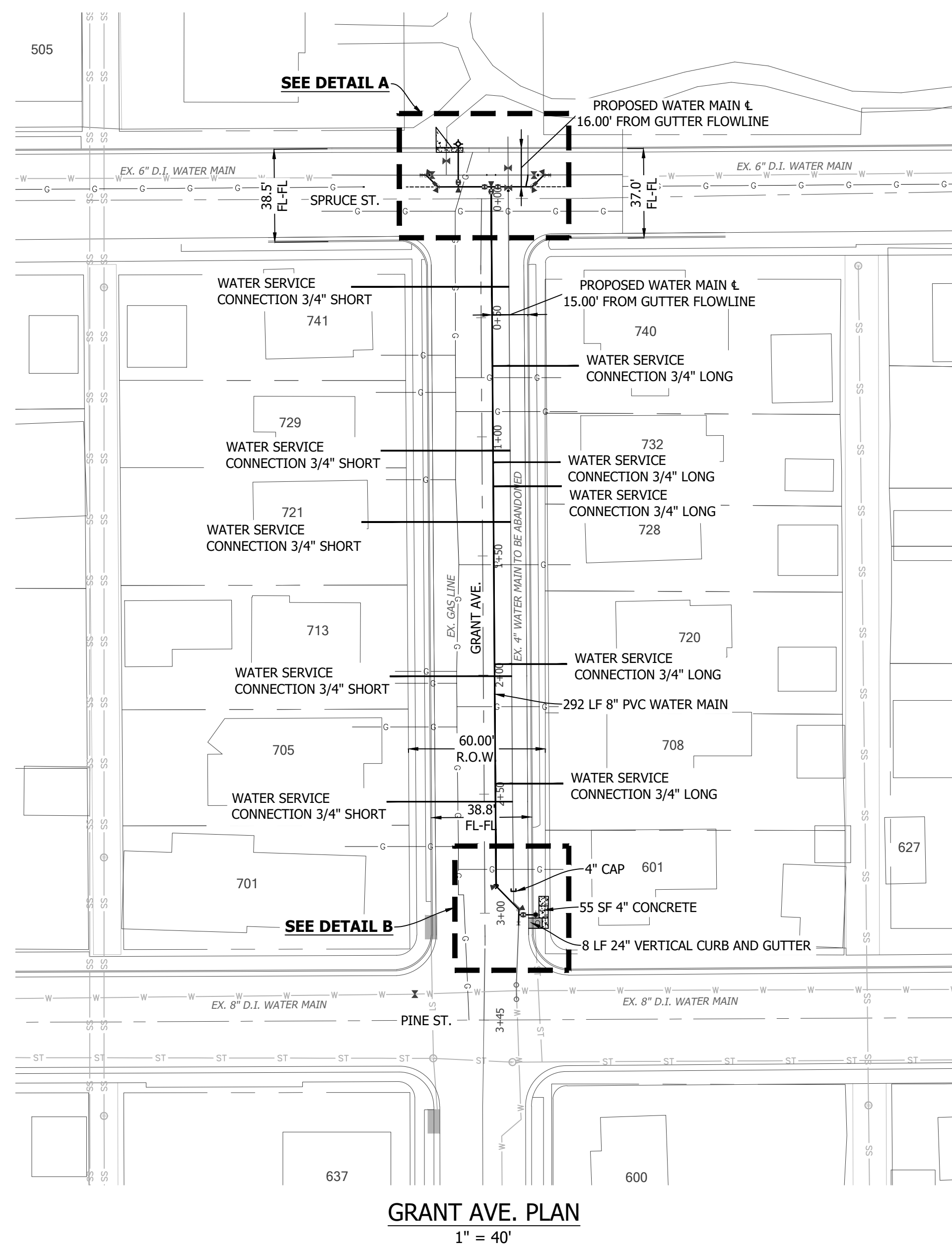
VICINITY MAP
1"=500'

NOTES

1. LOCATIONS OF ALL SERVICES, MAINS, DRY AND WET UTILITIES ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL CONFLICTING UTILITIES PRIOR TO CONSTRUCTION.
2. JOINT DEFLECTIONS TO BE LESS THAN 0.5% UNLESS DIRECTED BY THE ENGINEER.
3. PIPE DEFLECTION TO OCCUR AT THE JOINT AND NOT BY LONGITUDINAL DEFLECTION BY BENDING THE PVC.
4. OFFSET DIMENSIONS ARE FROM FLOW LINE.

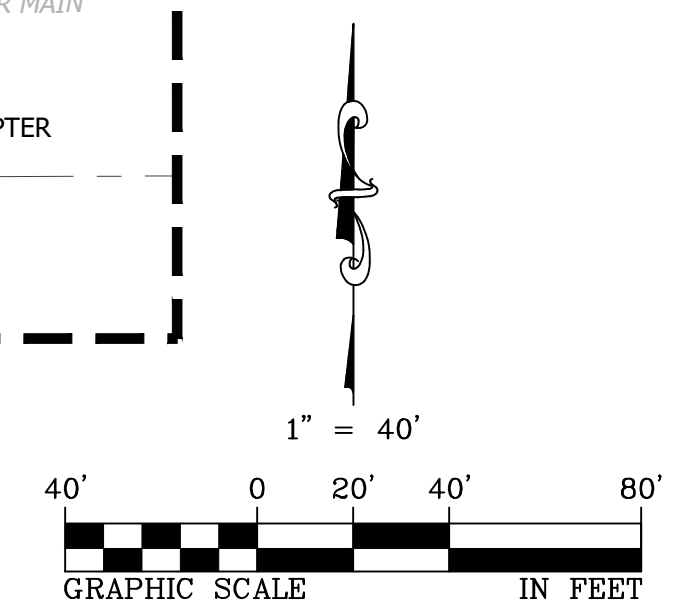
CIRCLE DR.
12 SY HOT ASPHALT PATCH GRADE SX (10")
395 SY HOT ASPHALT PATCH GRADE SX (6")

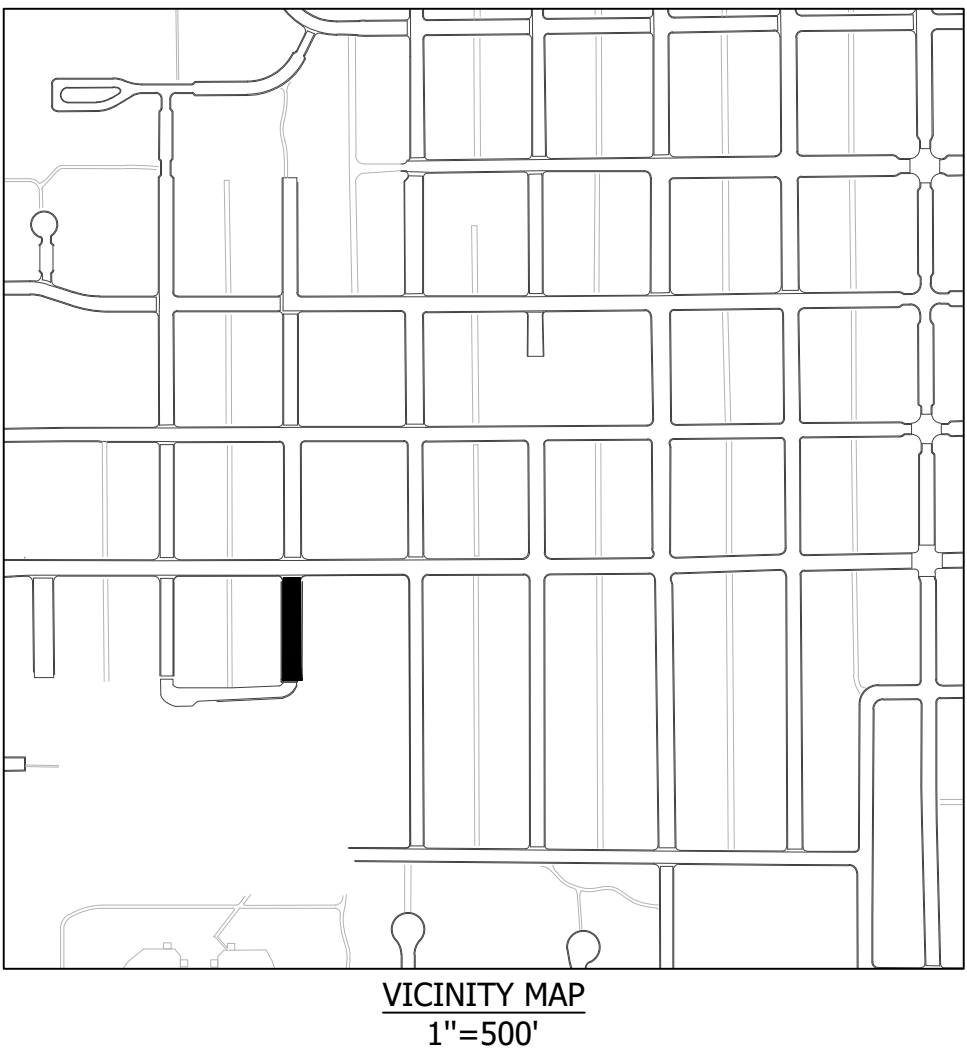
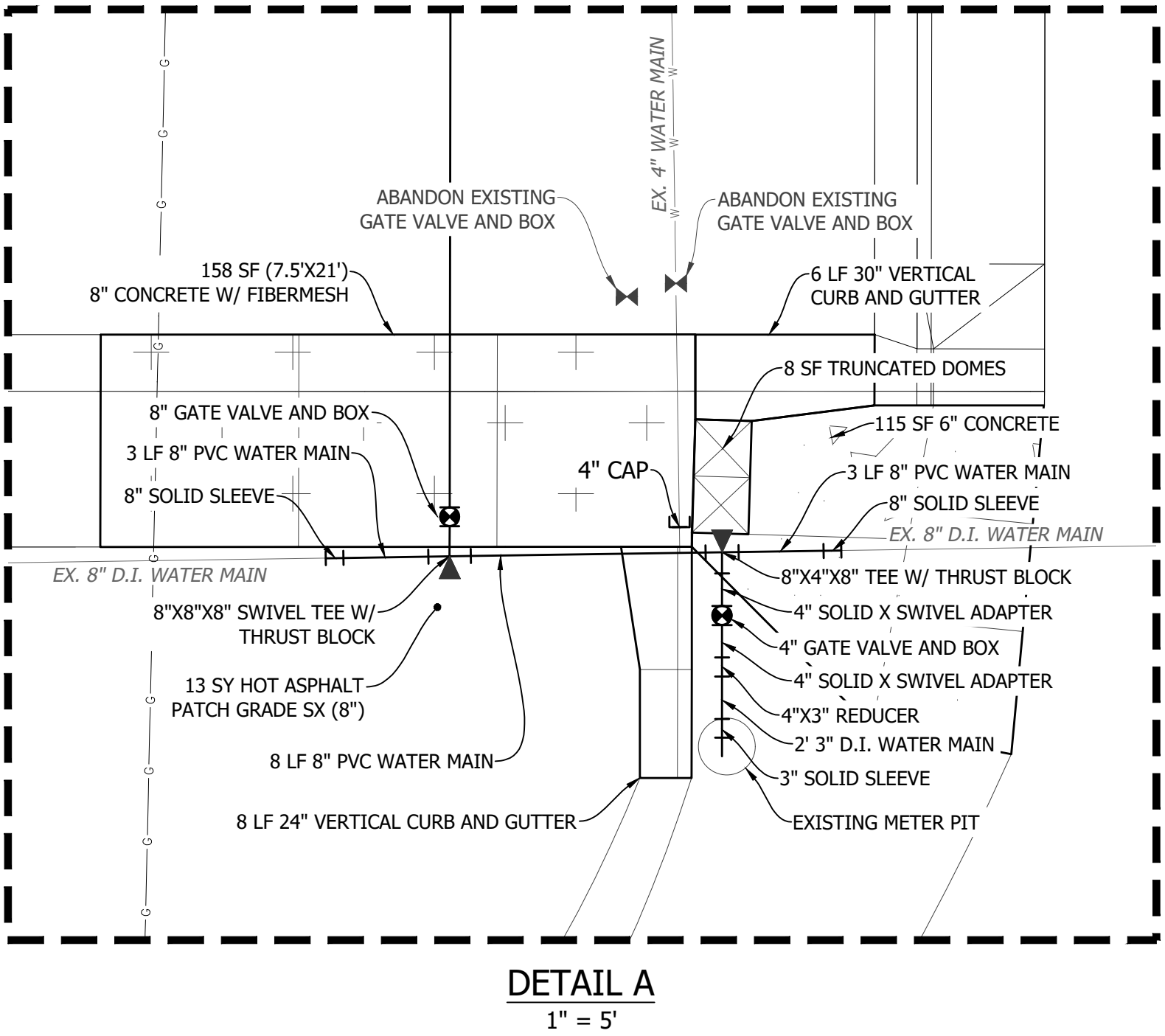
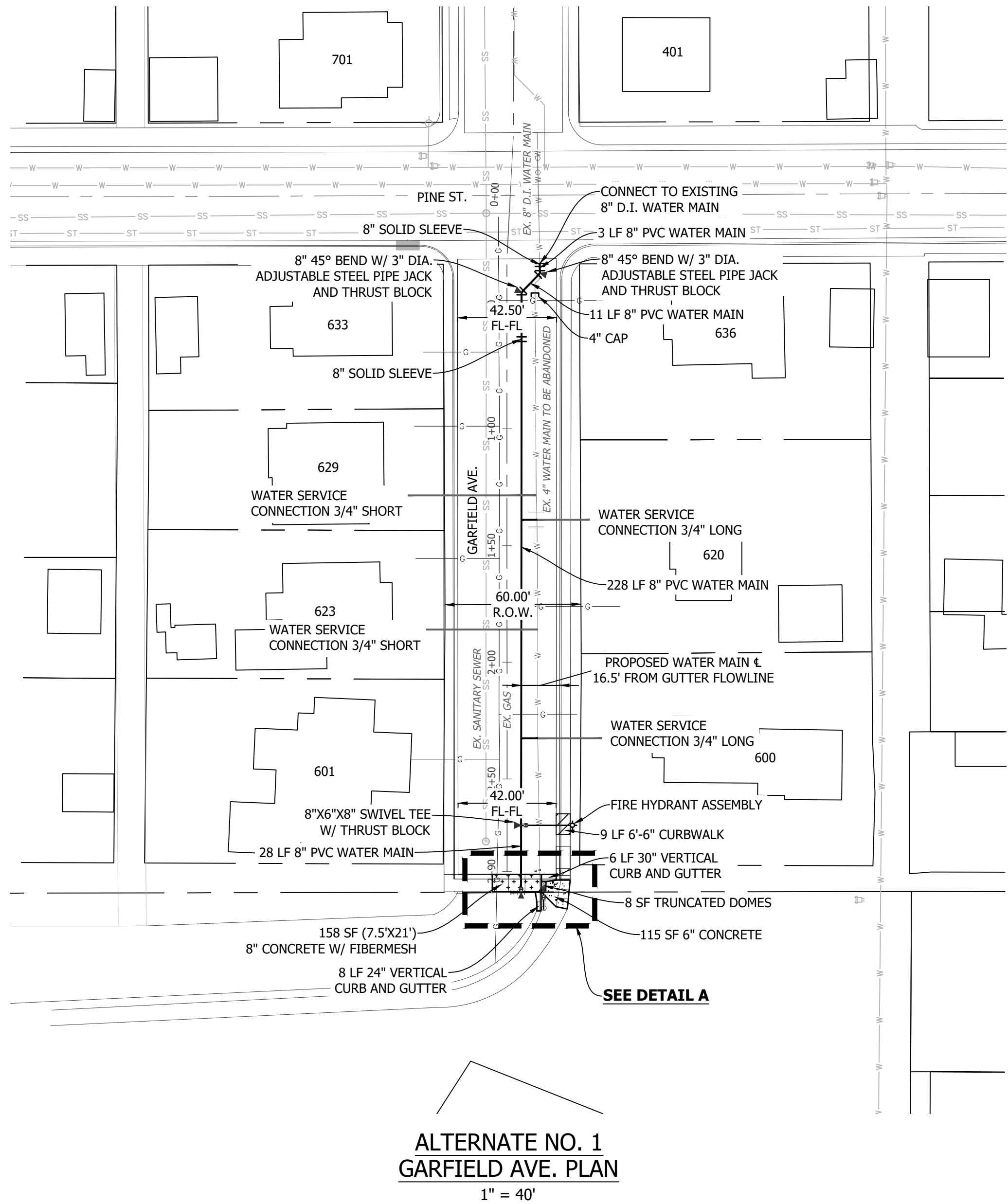




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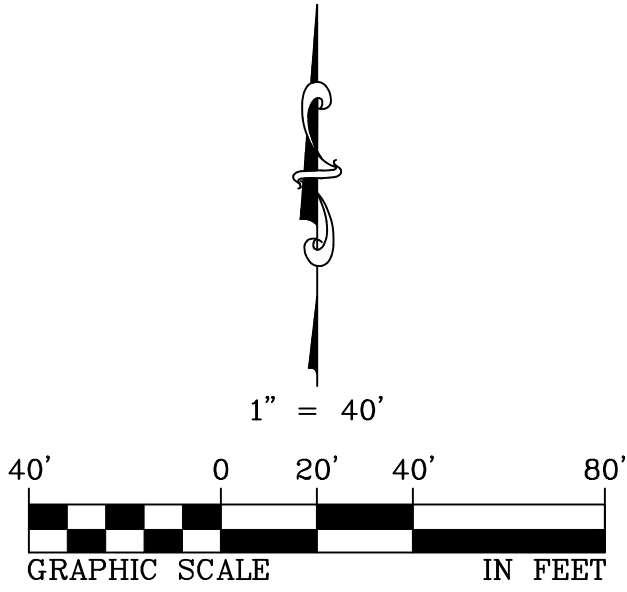
GRANT AVE.
312 SY HOT ASPHALT PATCH GRADE SX (6")





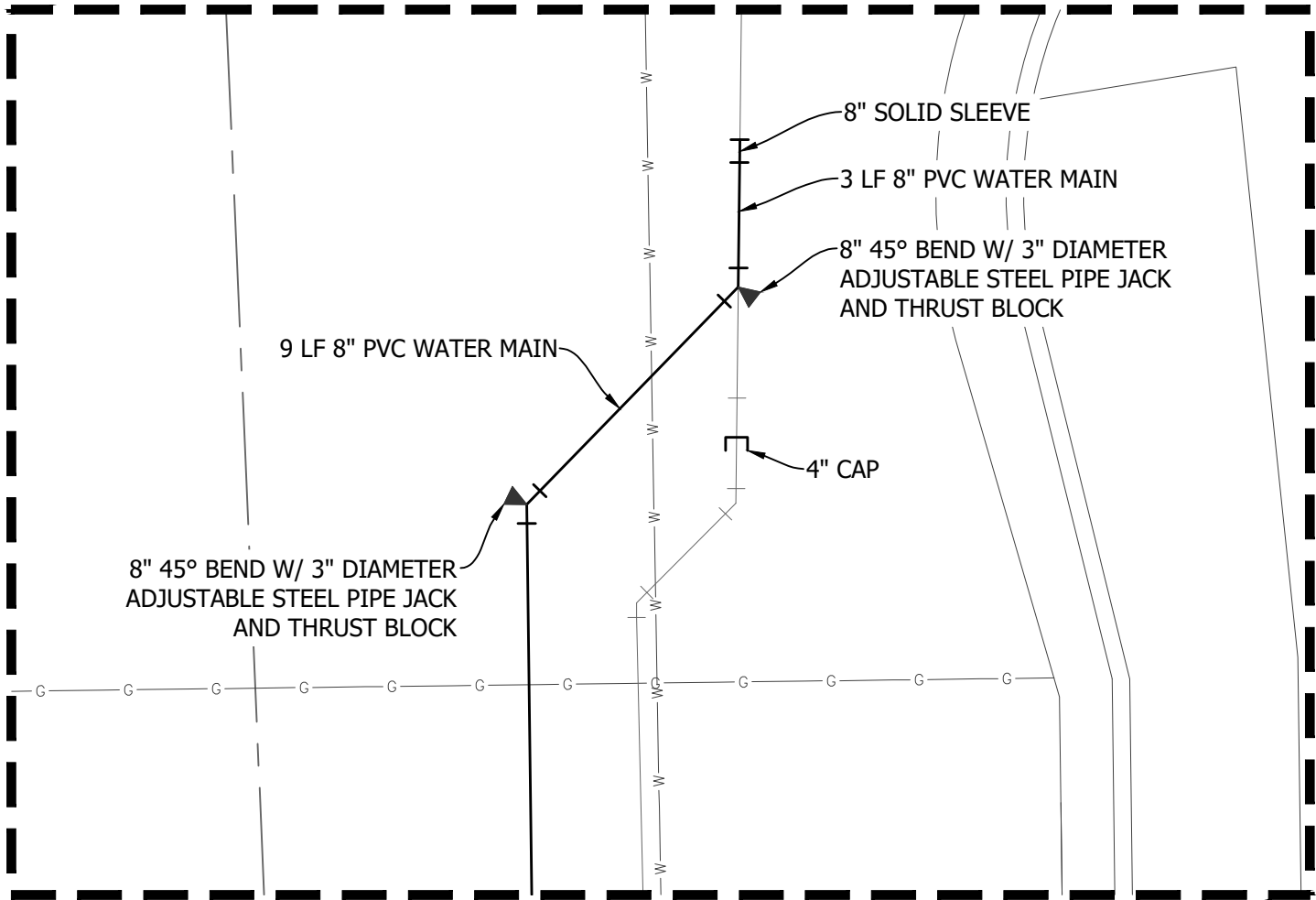
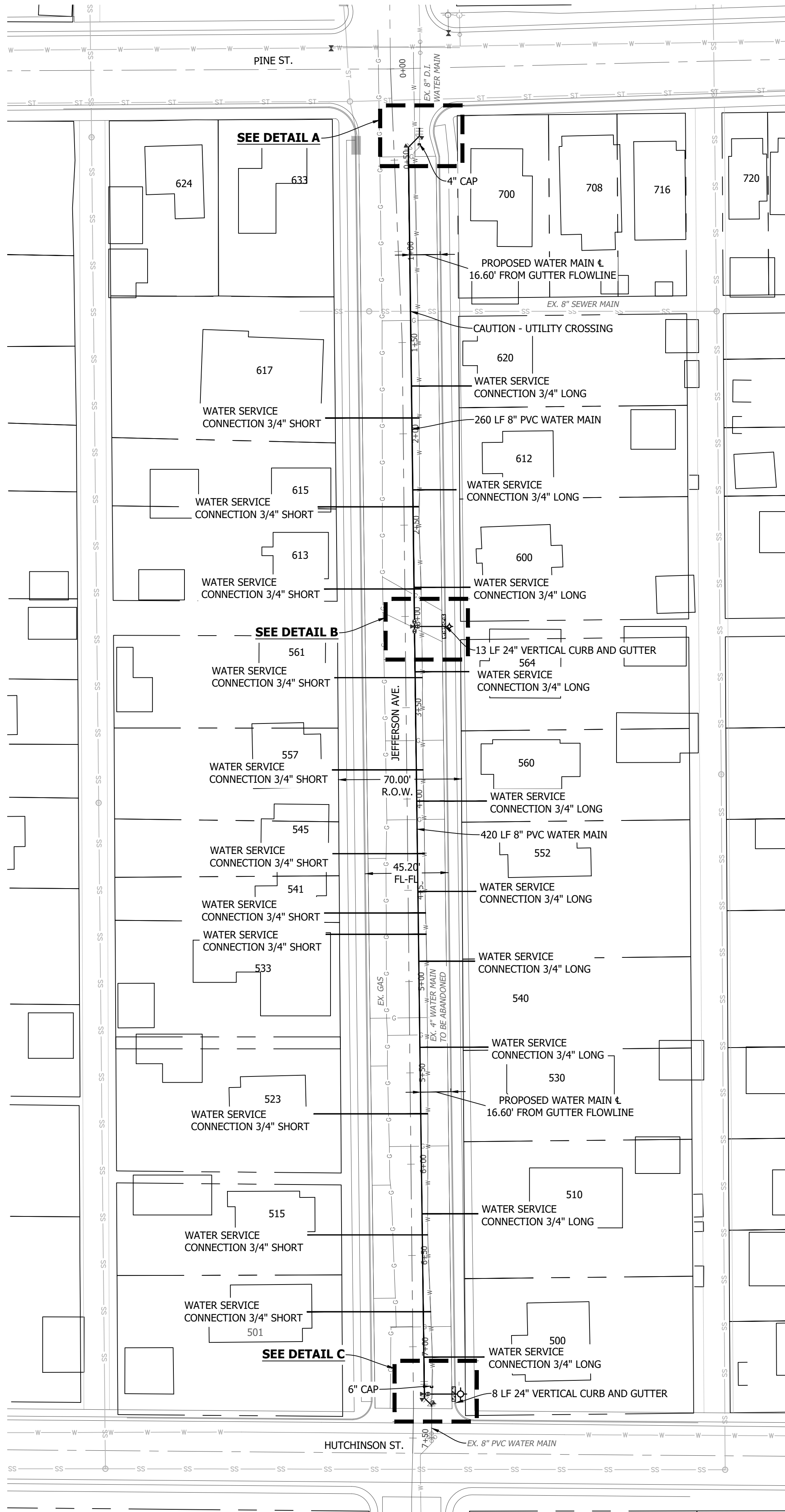
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GARFIELD AVE.
208 SY HOT ASPHALT PATCH GRADE SX (6")
13 SY HOT ASPHALT PATCH GRADE SX (8")

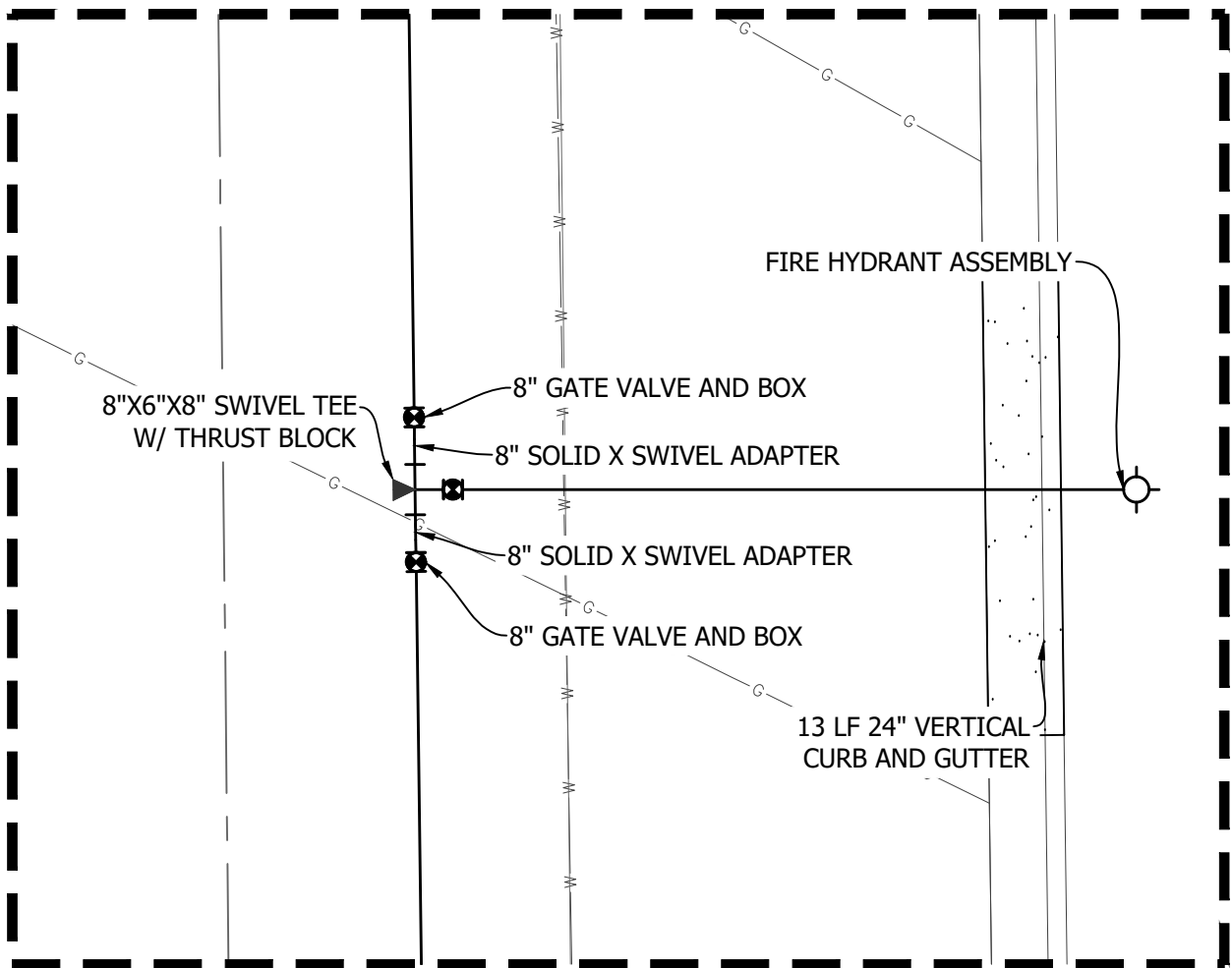


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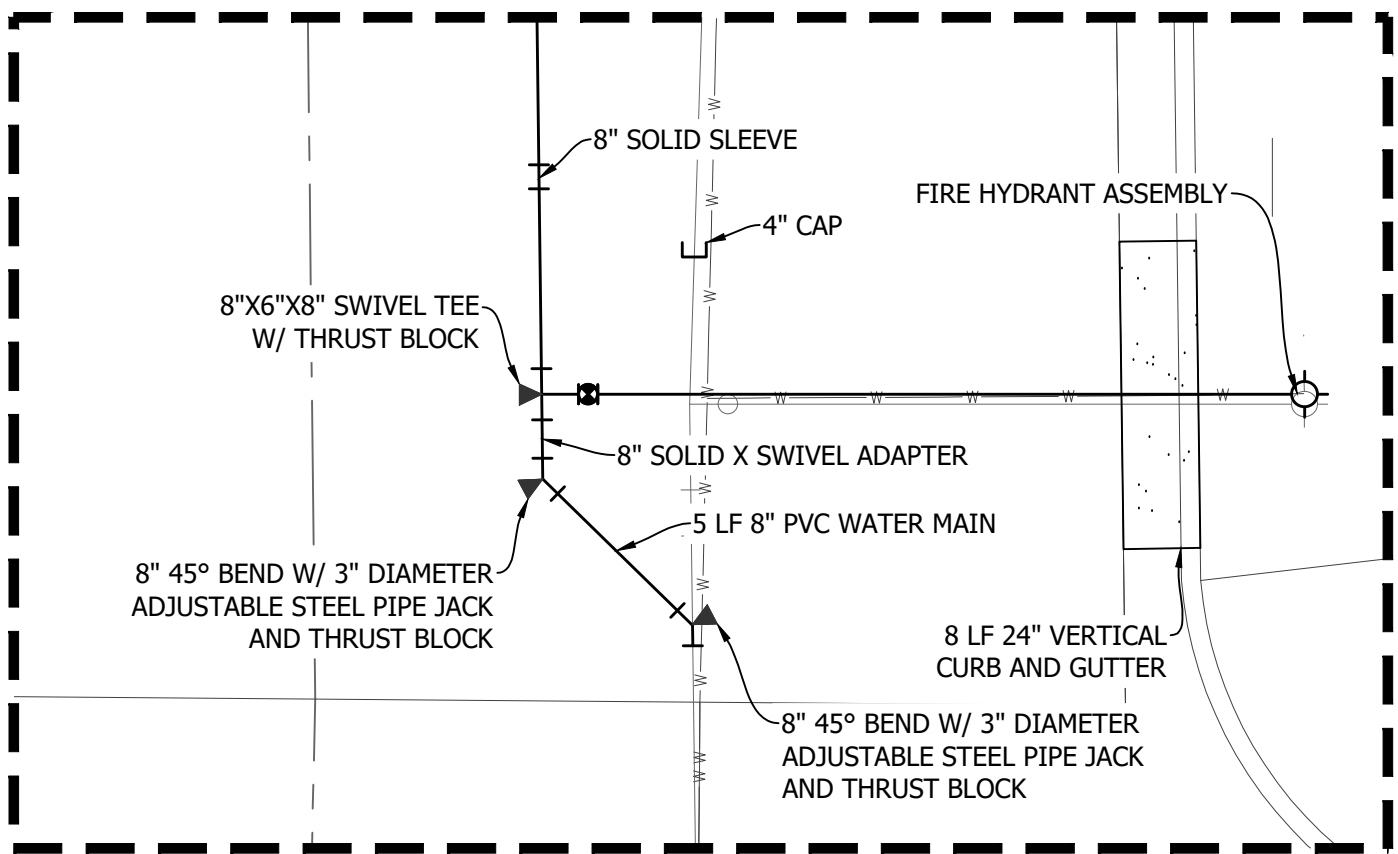
ALTERNATE NO. 2
JEFFERSON AVE. PLAN
1" = 40'



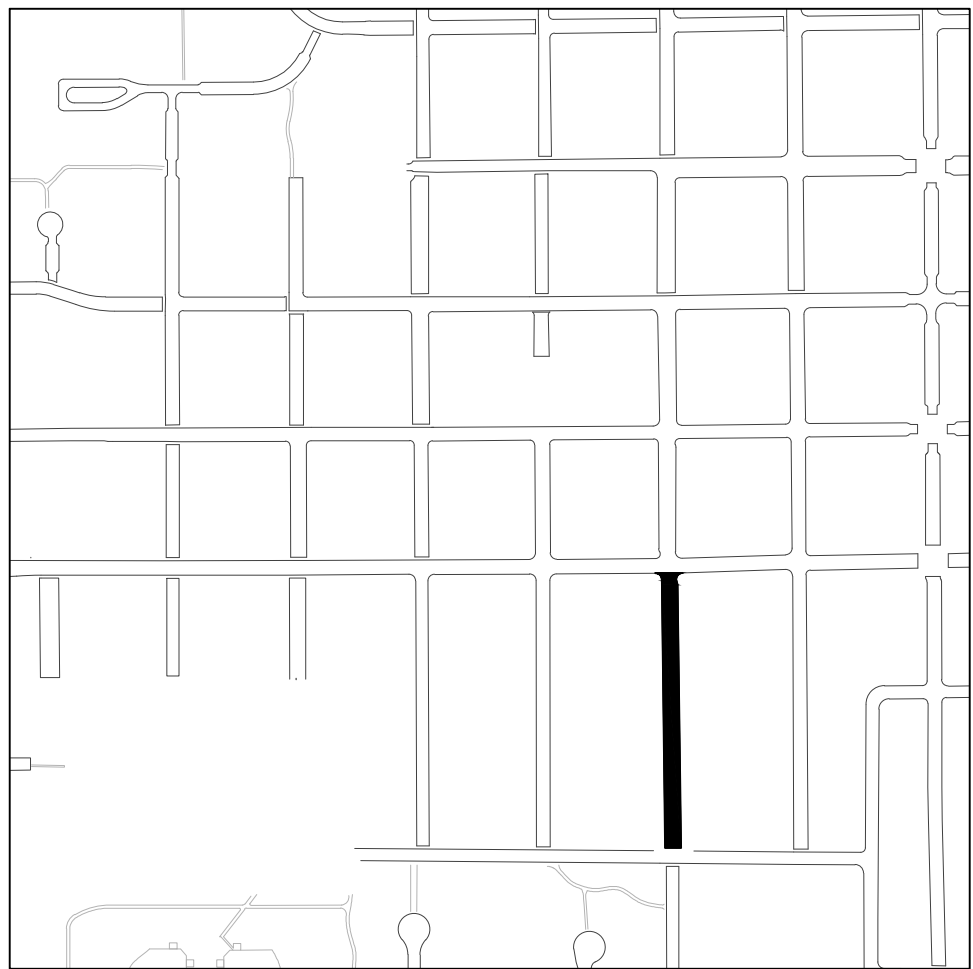
DETAIL A
1"=5"



DETAIL B
1"=5"



DETAIL C
1"=5"

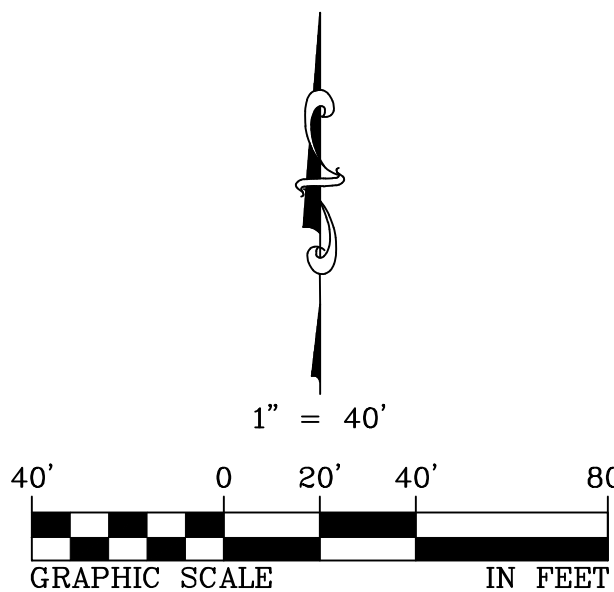


VICINITY MAP
1"=500'

NOTES

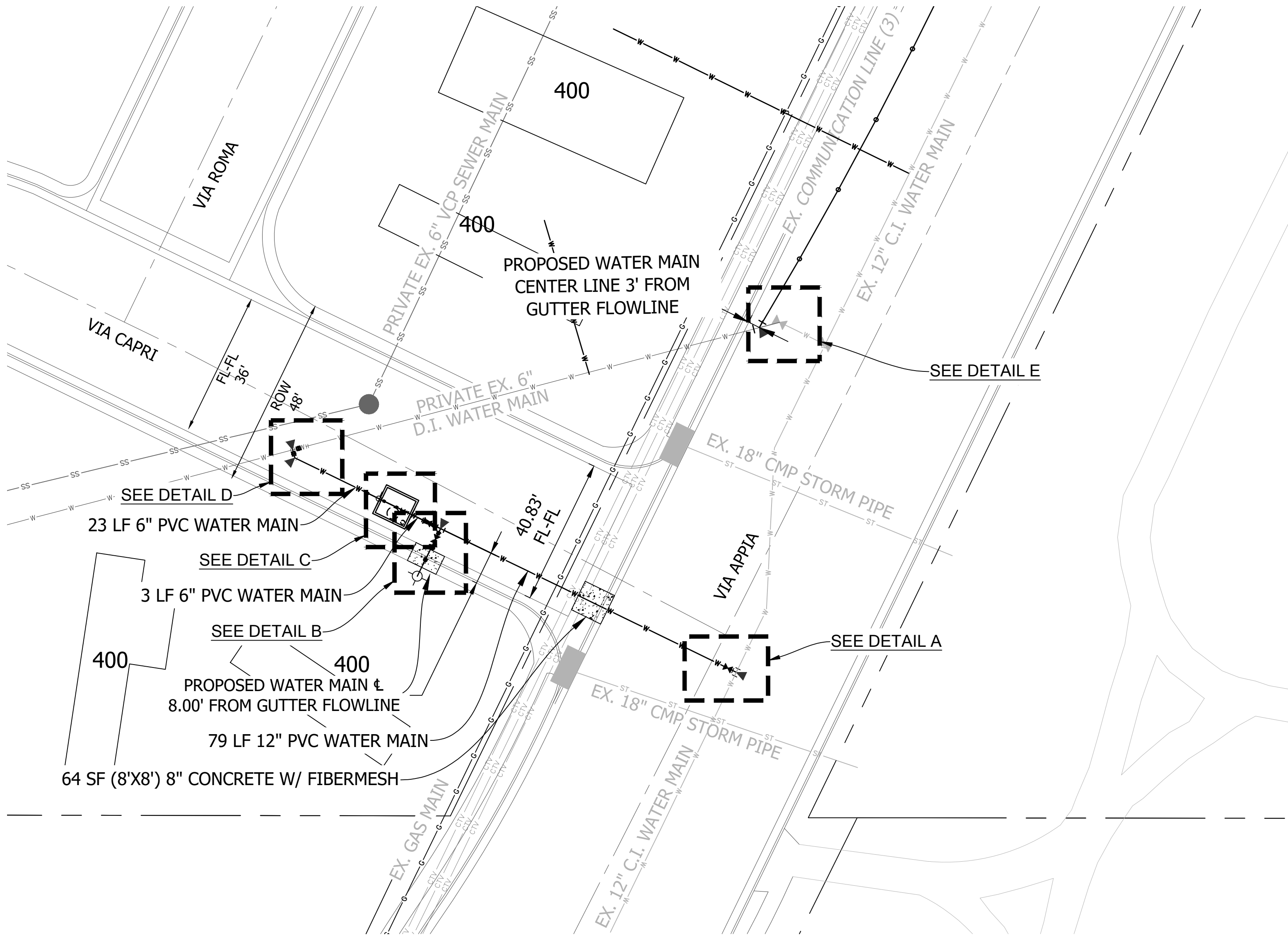
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JEFFERSON AVE.
567 SY HOT ASPHALT PATCH GRADE SX (6")

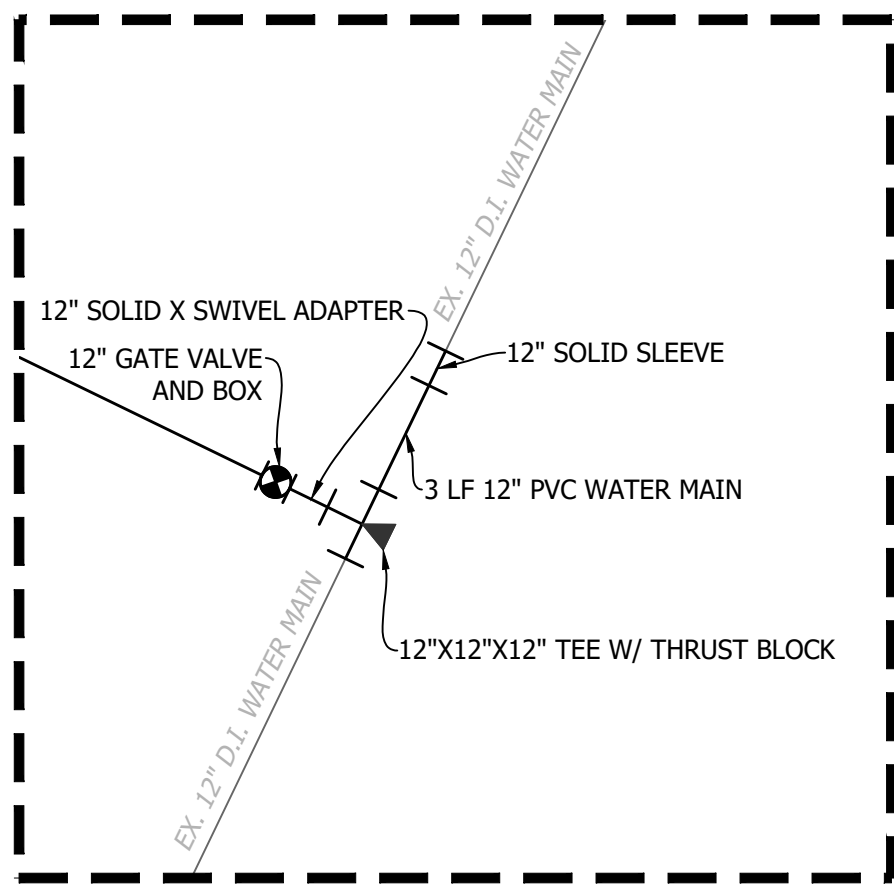


ALTERNATE NO. 2 - JEFFERSON AVE.
2026 WATER MAIN REPLACEMENT PROJECT

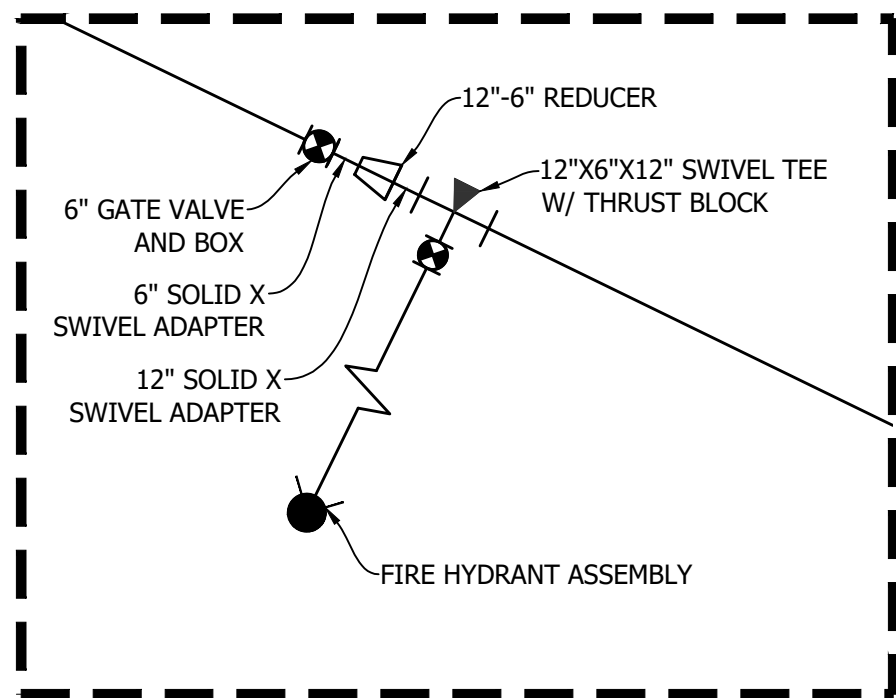
SHEET
A6
OF
10



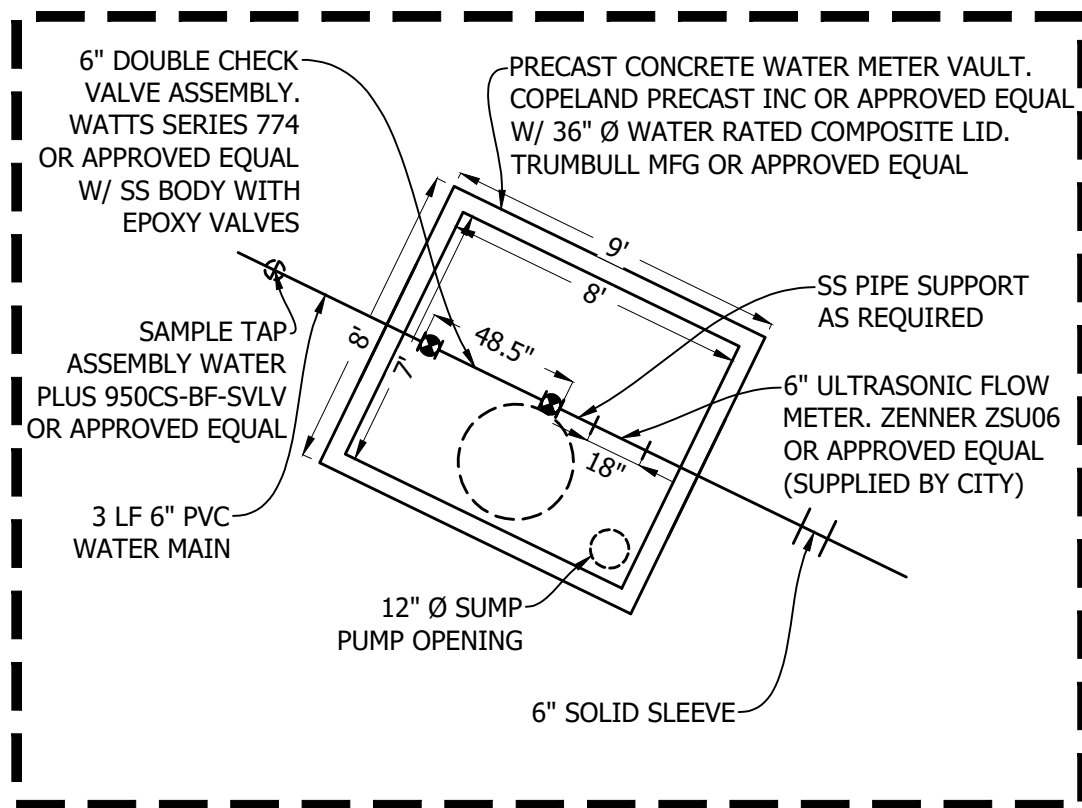
PLAN
1"=20'



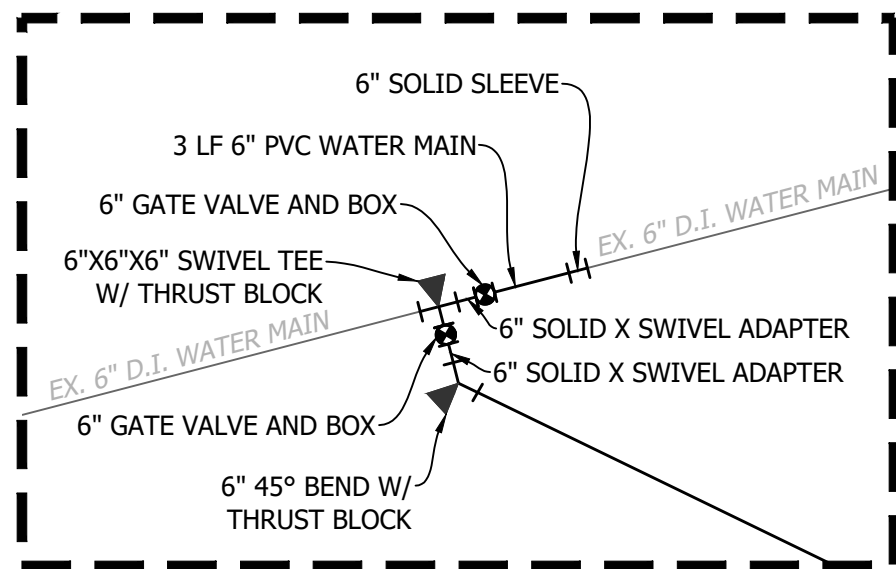
DETAIL A
CONNECT TO EX. 12" WATER MAIN
1"=5'



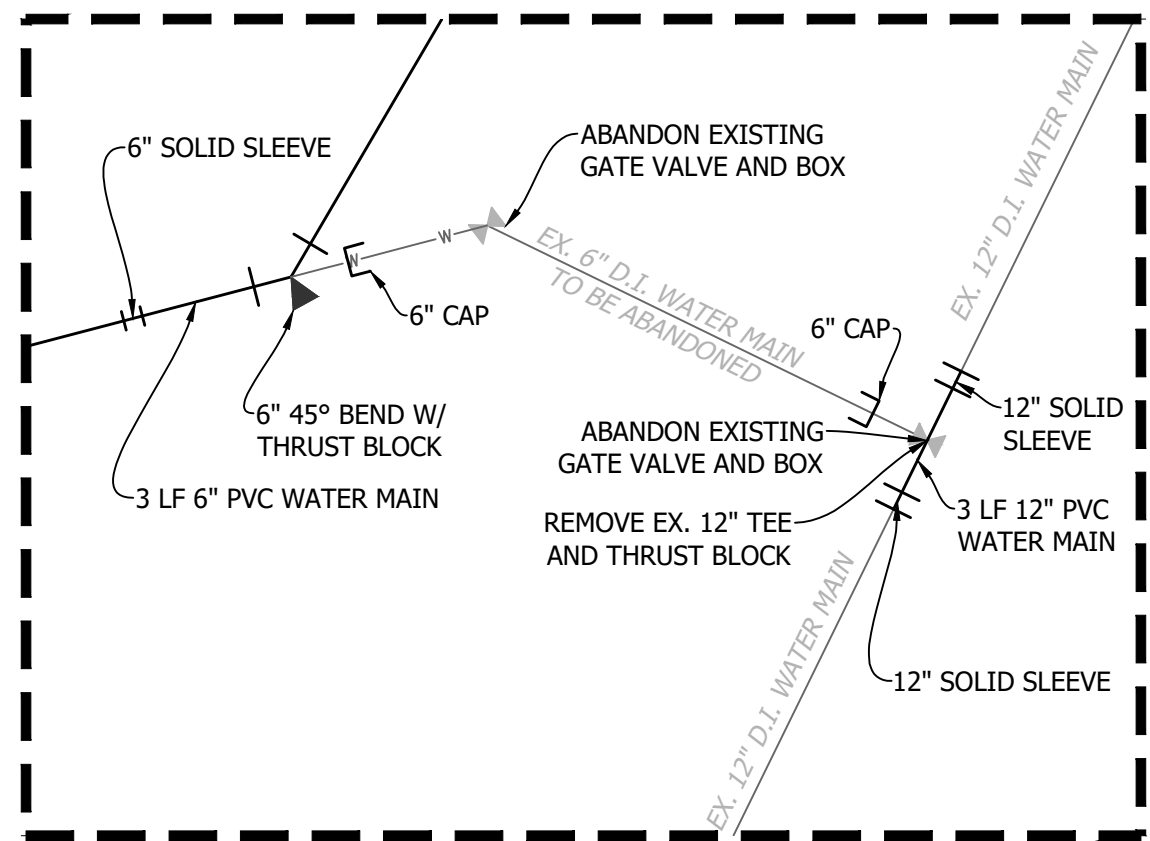
DETAIL B
CITY FIRE HYDRANT
1"=5'



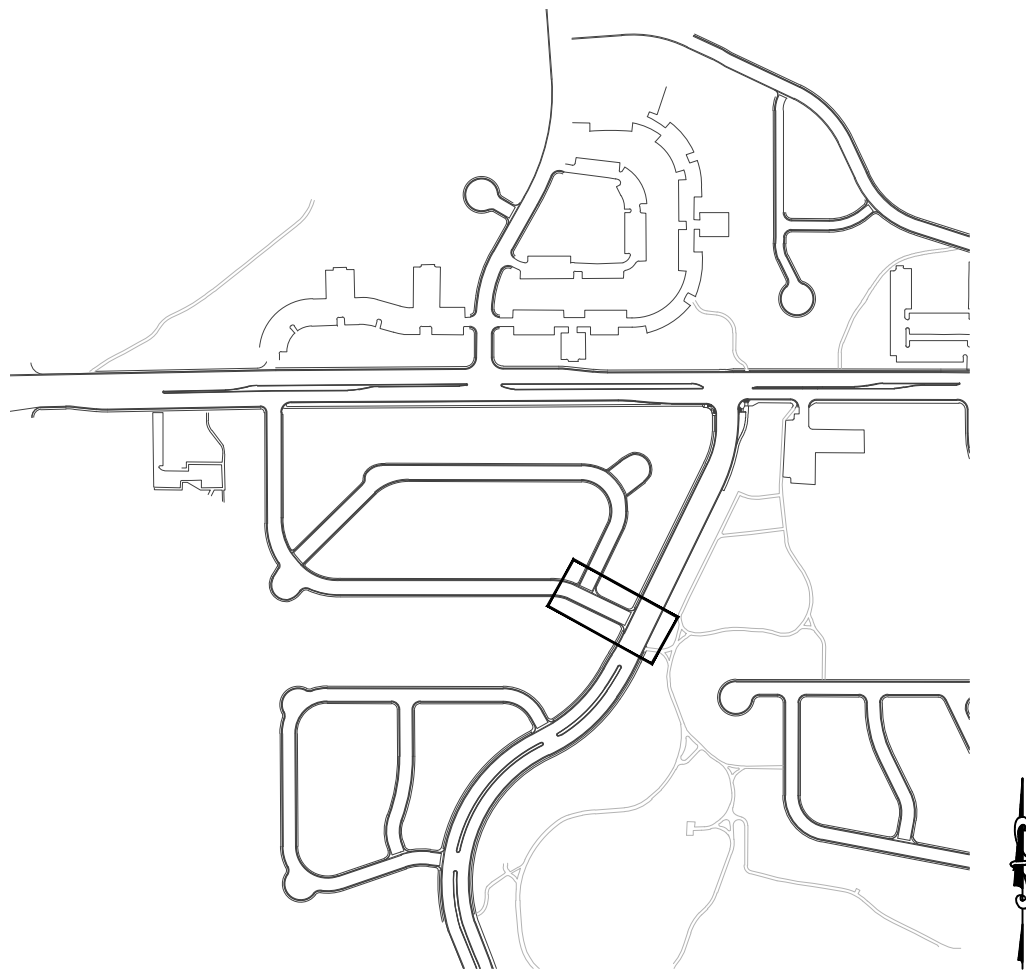
DETAIL C
METER AND BACKFLOW VAULT
1"=5'



DETAIL D
CONNECT TO EX. 6" WATER MAIN
1"=5'



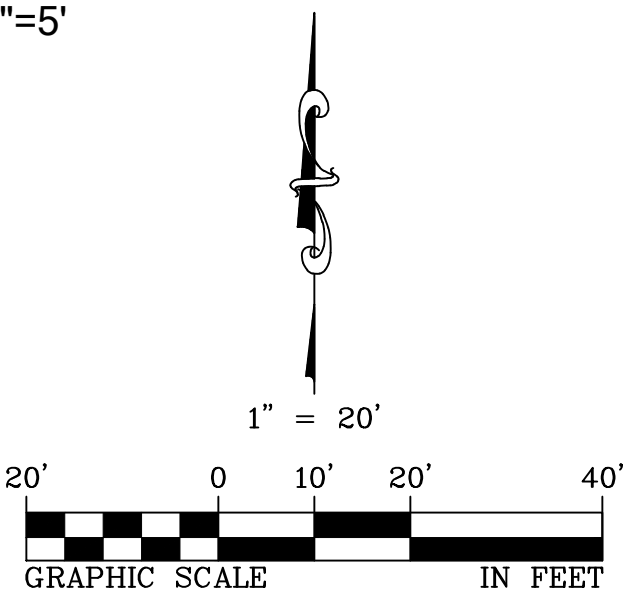
DETAIL E
1"=5'

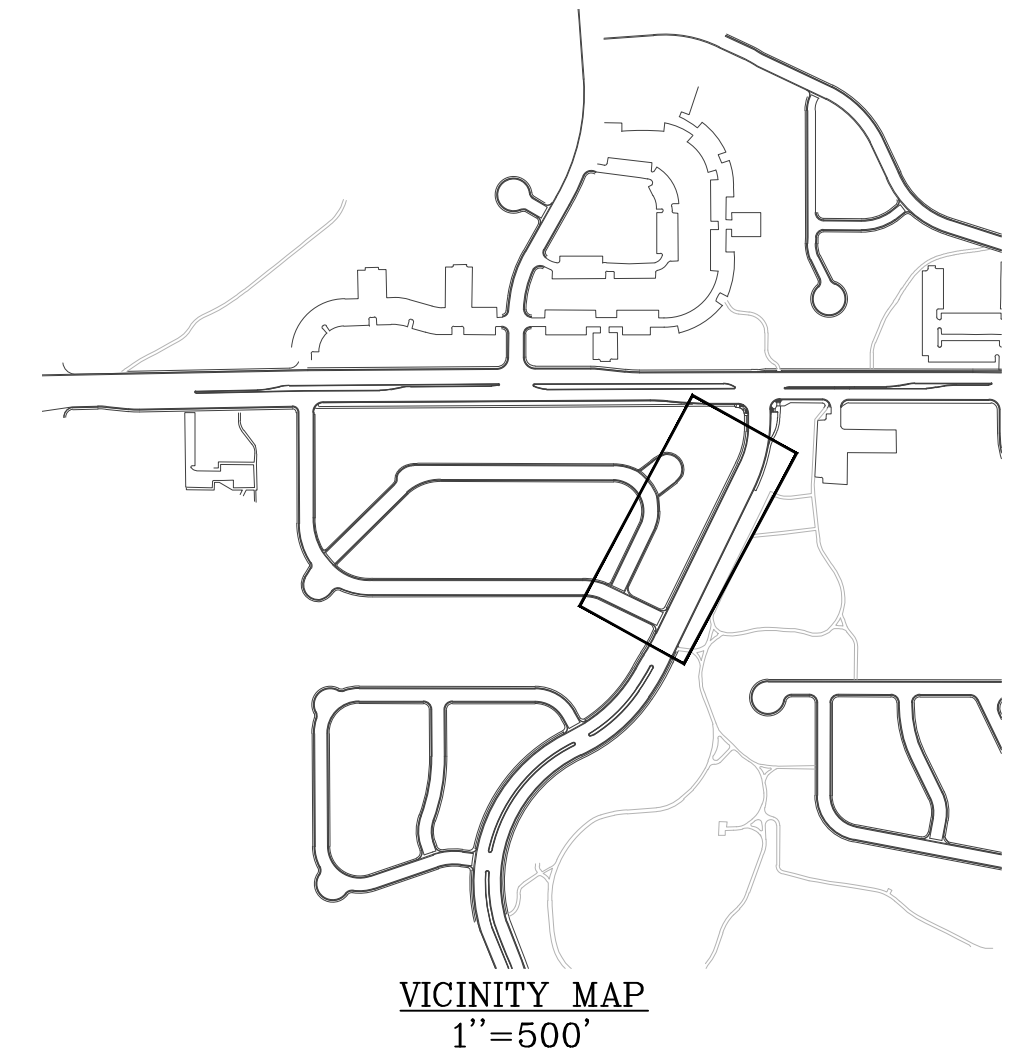
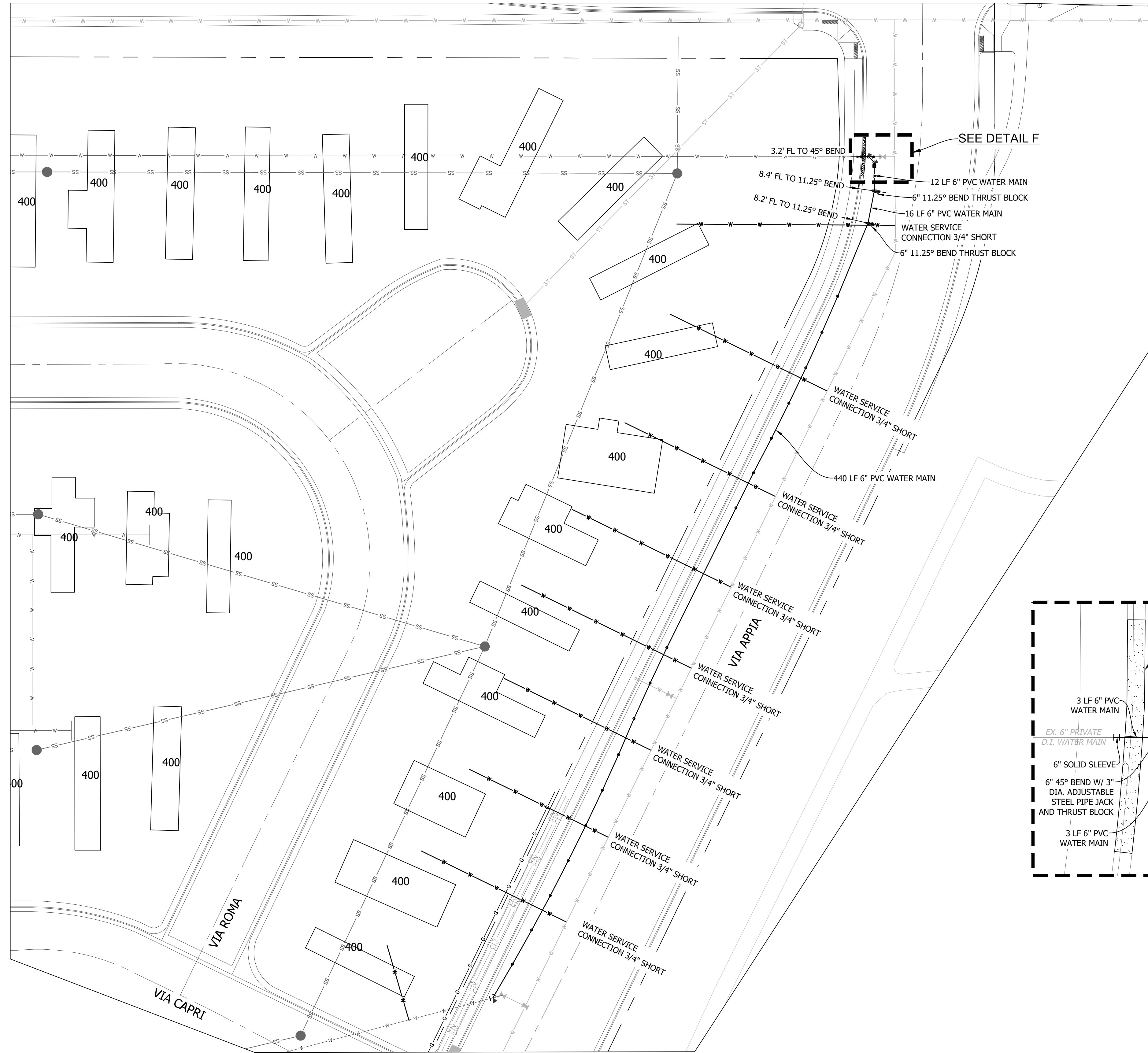


VICINITY MAP
1"=500'

NOTES

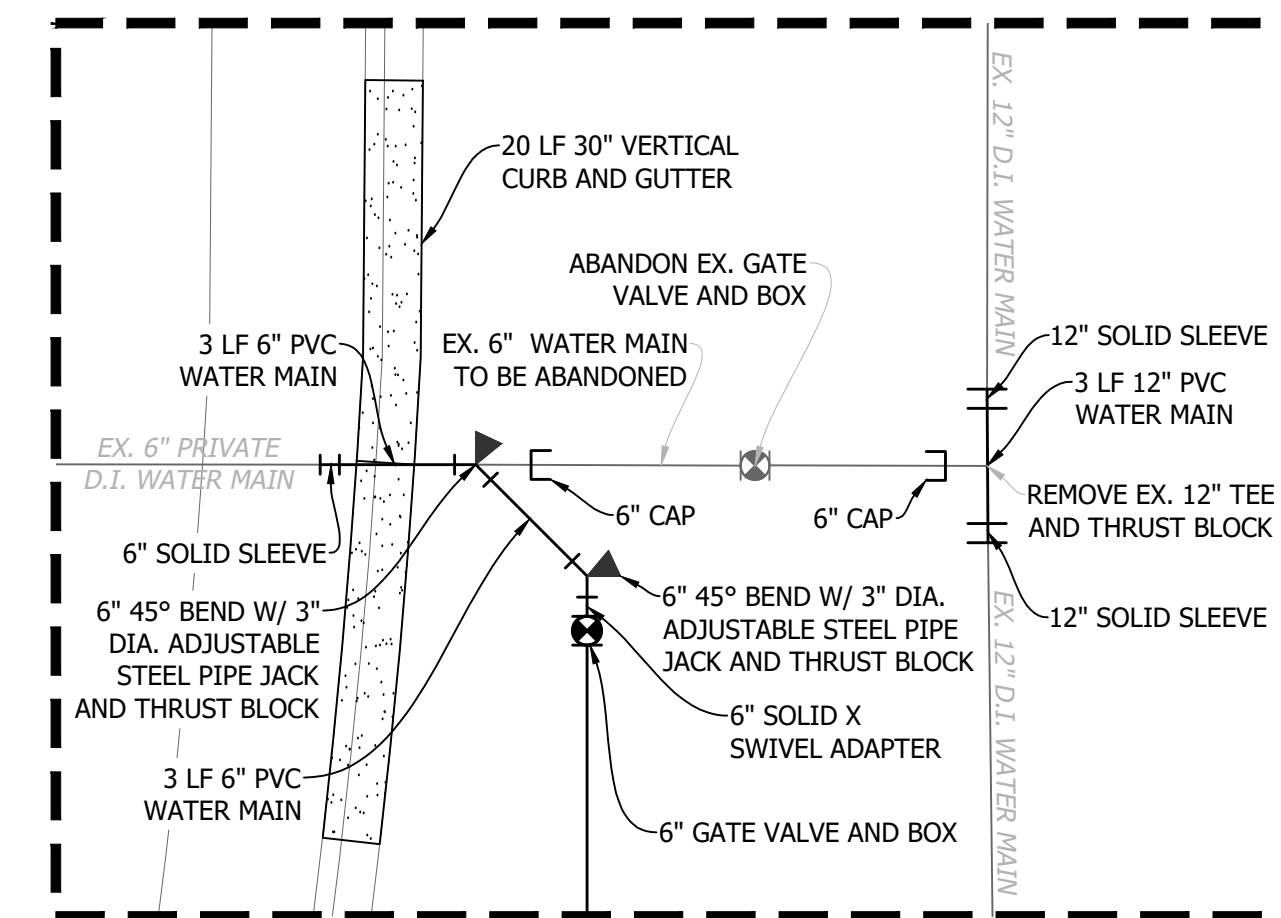
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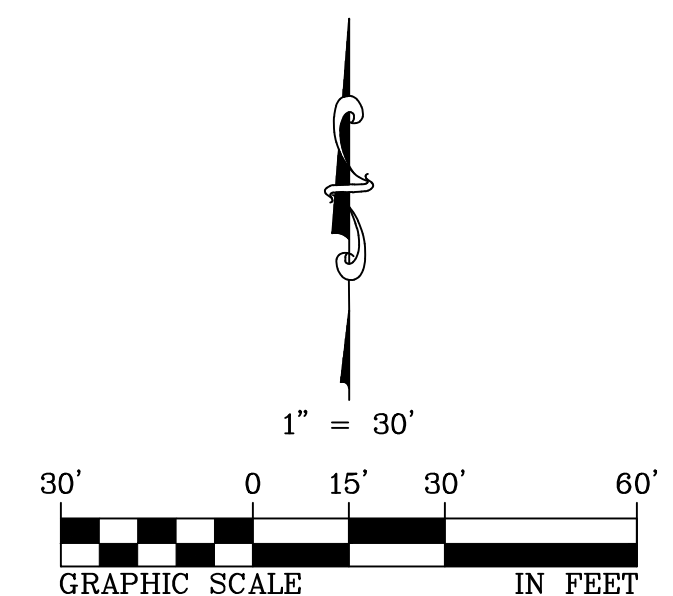


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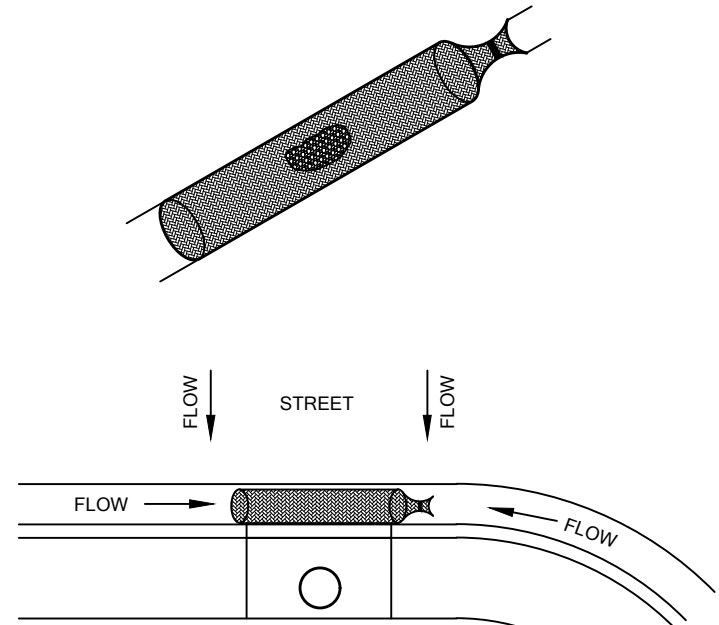
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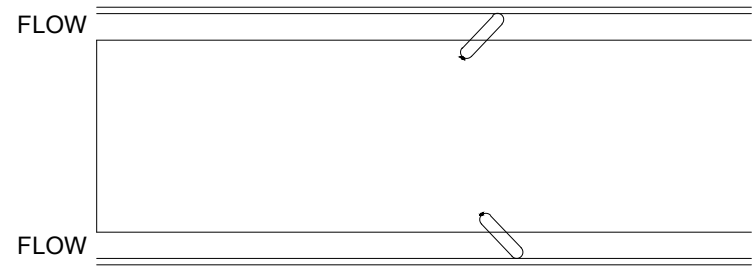
DETAIL F
1"=5'



PLAN
1"=30'

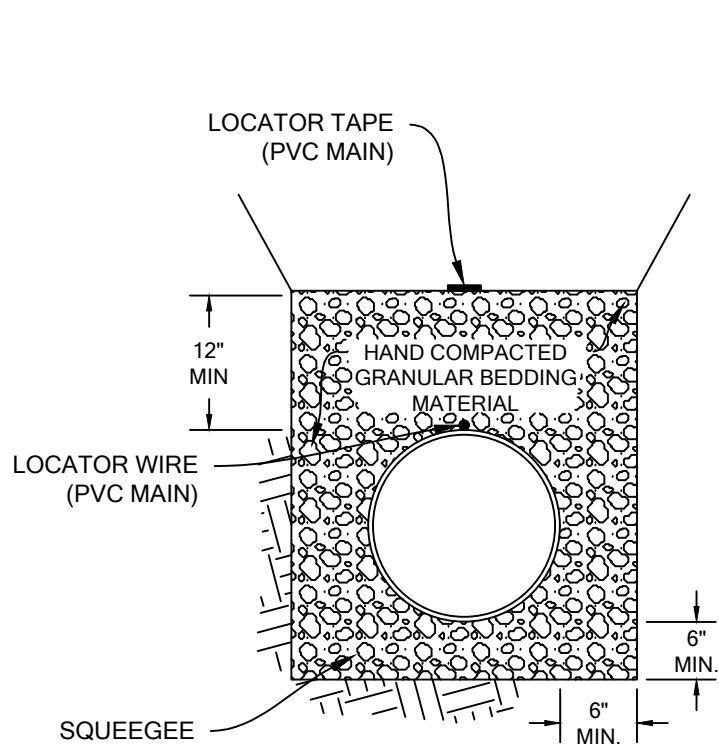


CURB SOCK

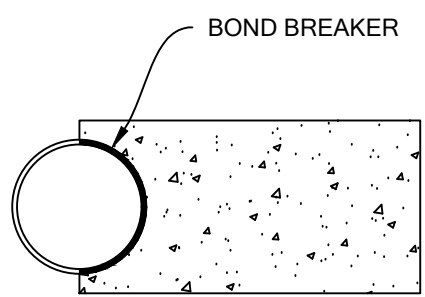


NOTE:
INSTALL CURB SOCKS DOWN STREAM FROM WORK AREA

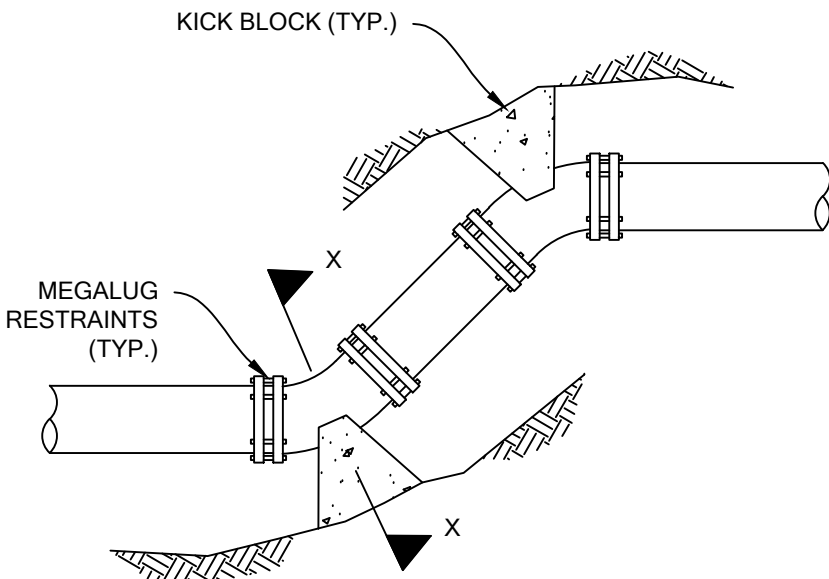
TYPICAL CURB SOCK INSTALL



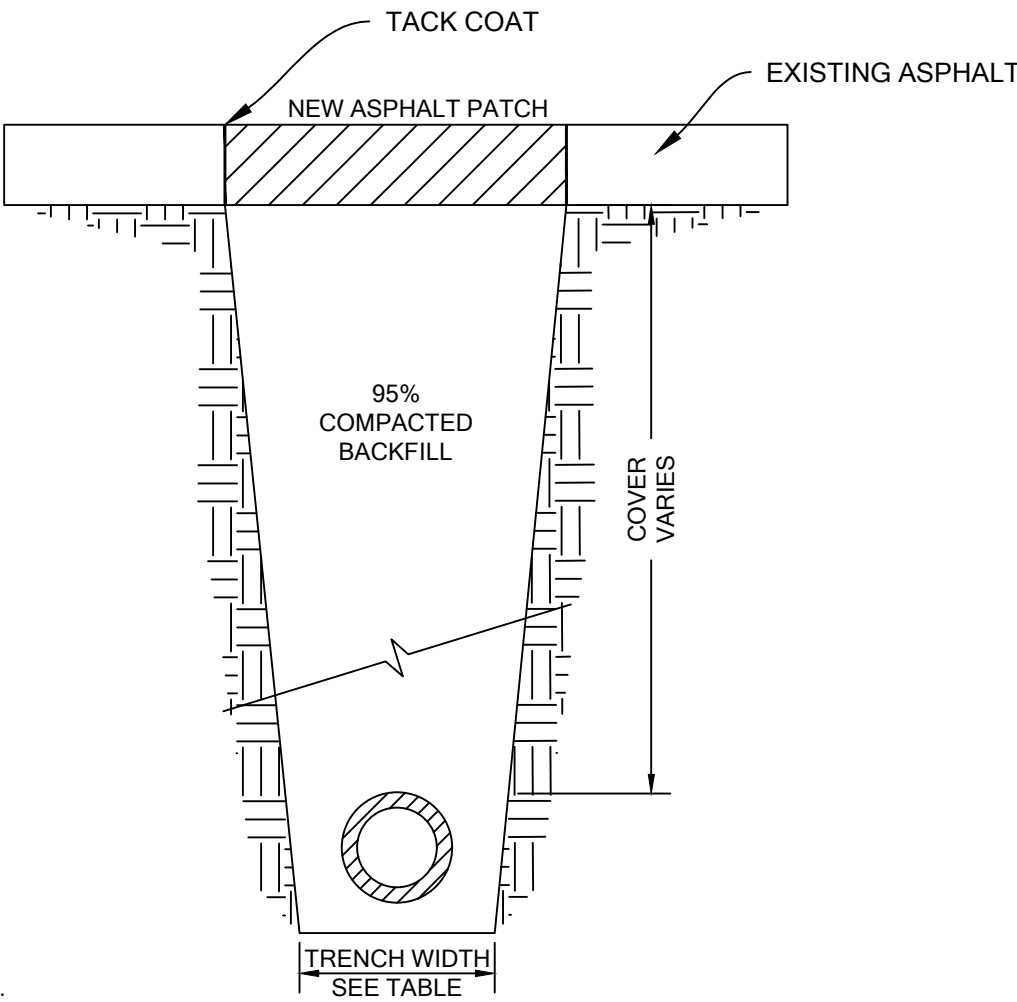
TYPICAL WATER GRANULAR BEDDING SECTION



NOTES:
1. ALL FITTINGS SHALL BE RESTRAINED WITH MEGALUGS.
2. ALL METAL SHALL BE WRAPPED IN POLYETHYLENE.



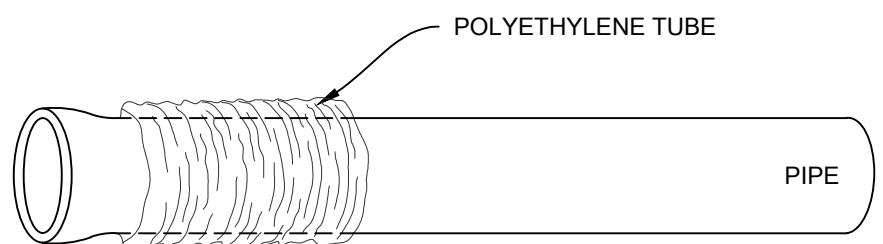
THREE PIECE HORIZONTAL OFFSET



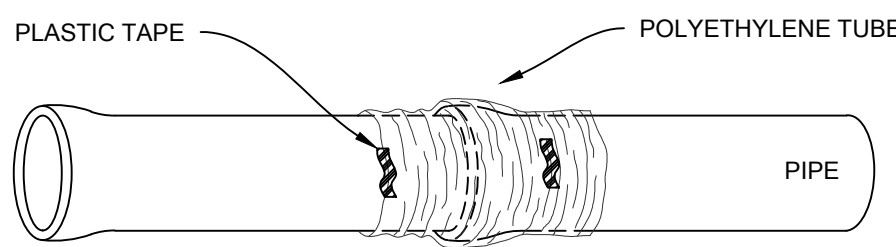
NOTES:
1. TRENCH TO BE SLOPED OR BRACED OR SHORED AS REQUIRED.
2. ASPHALT PATCH IN LIFTS AND COMPACT TO 95% MIN.

PIPE DIAMETER	6"	8"	12"
MINIMUM WIDTH	1' 10"	2' 0"	2' 4"
MAXIMUM WIDTH	2' 6"	2' 8"	3' 0"

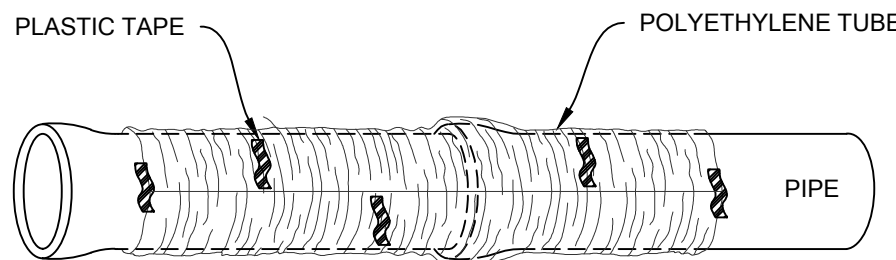
TYPICAL TRENCH PATCH SECTION



STEP 1



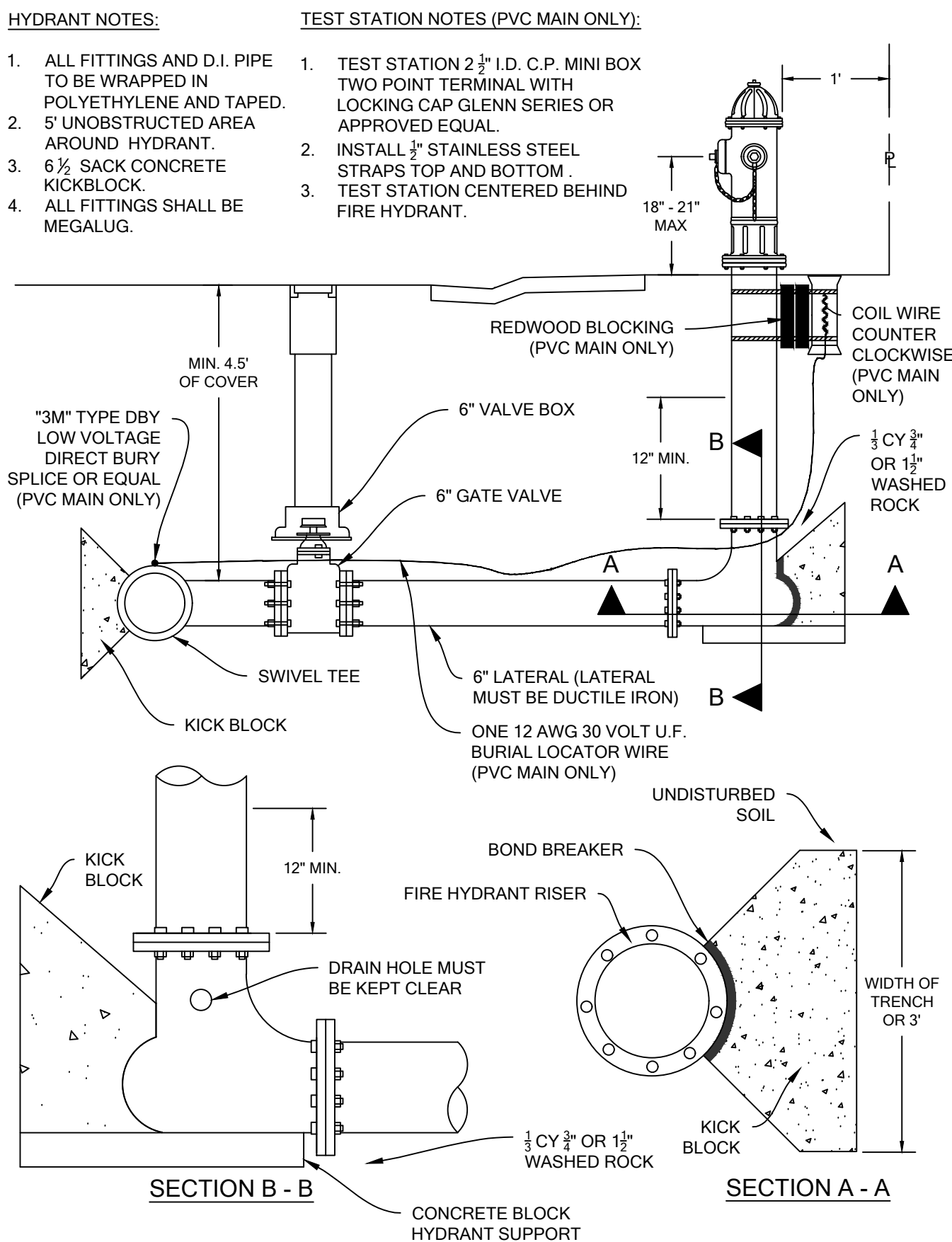
STEP 2



STEP 3

STEP 1 - PLACE TUBE OF POLYETHYLENE MATERIAL ON PIPE PRIOR TO LOWERING IT INTO TRENCH.
STEP 2 - PULL THE TUBE OVER THE LENGTH OF THE PIPE. TAPE TUBE TO PIPE AT JOINT. FOLD MATERIAL AROUND THE ADJACENT SPIGOT END AND WRAP WITH TAPE TO HOLD THE PLASTIC TUBE IN PLACE.
STEP 3 - OVERLAP FIRST TUBE WITH ADJACENT TUBE AND SECURE WITH PLASTIC ADHESIVE TAPE. THE POLYETHYLENE TUBE MATERIAL COVERING THE PIPE SHALL BE LOOSE. EXCESS MATERIAL SHALL BE NEATLY DRAWN UP AROUND THE PIPE BARREL, FOLDED ON TOP OF THE PIPE AND TAPED IN PLACE.

FIELD INSTALLATION - POLYETHYLENE WRAP

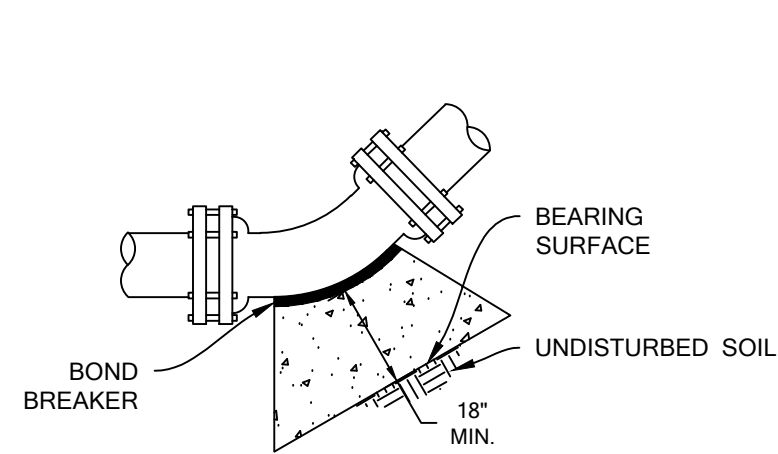


HYDRANT NOTES:

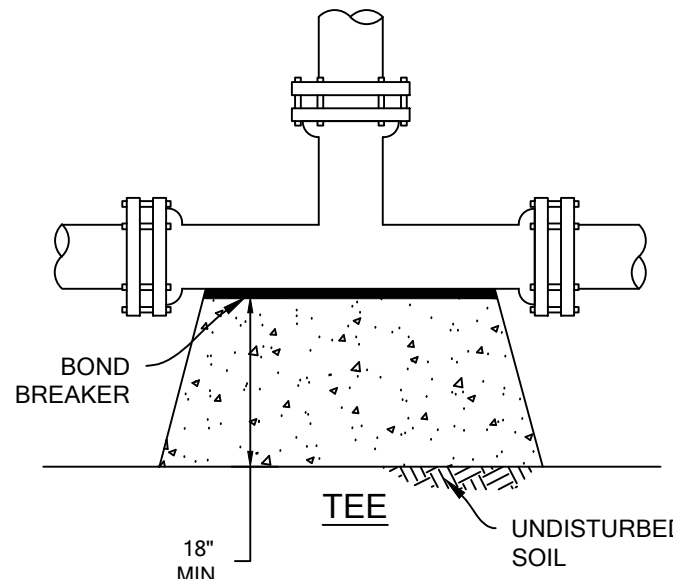
1. ALL FITTINGS AND D.I. PIPE TO BE WRAPPED IN POLYETHYLENE AND TAPED.
2. 5' UNOBSTRUCTED AREA AROUND HYDRANT.
3. 6 1/2 SACK CONCRETE KICKBLOCK.
4. ALL FITTINGS SHALL BE MEGALUG.

TEST STATION NOTES (PVC MAIN ONLY):

1. TEST STATION 2 1/4" I.D. C.P. MINI BOX TWO POINT TERMINAL WITH LOCKING CAP GLENN SERIES OR APPROVED EQUAL.
2. INSTALL 3/4" STAINLESS STEEL STRAPS TOP AND BOTTOM.
3. TEST STATION CENTERED BEHIND FIRE HYDRANT.

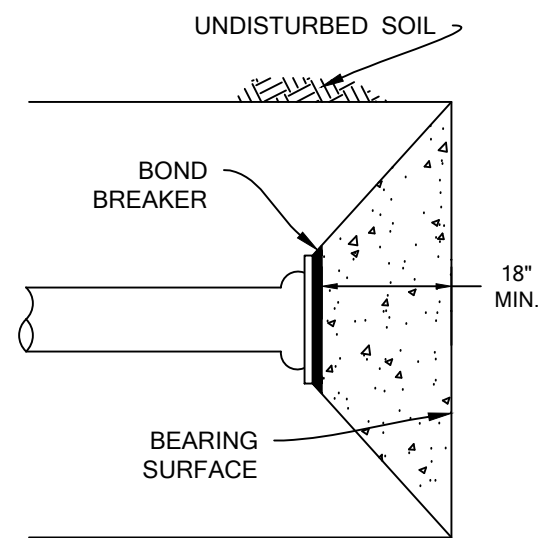


45° AND 90° BENDS

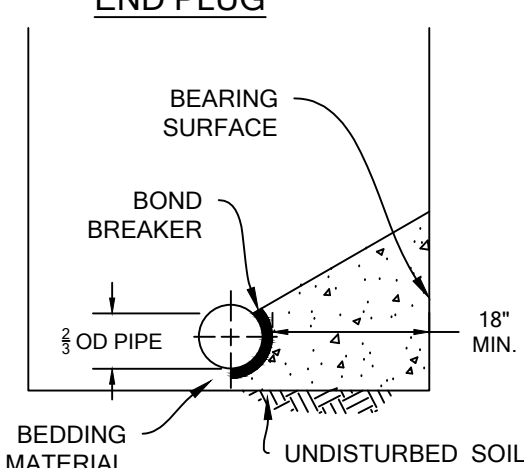


NOTES:

1. ALL FITTINGS SHALL BE MEGALUG.
2. BEARING SURFACES SHOWN IN CHART ARE MINIMUM.
3. 6.5 SACK CONCRETE SHALL BE REQUIRED.
4. ALL DUCTILE & CAST IRON SHALL BE WRAPPED IN POLYETHYLENE.



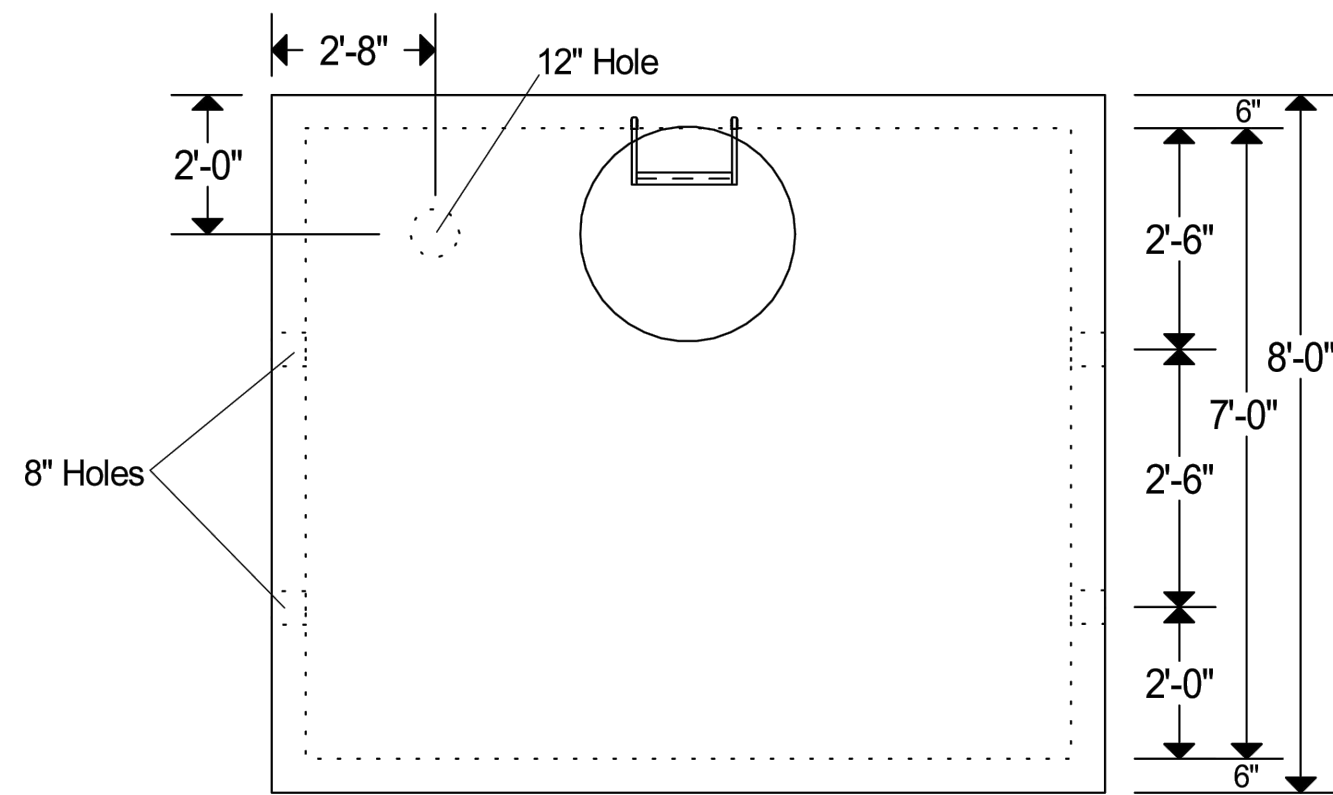
END PLUG



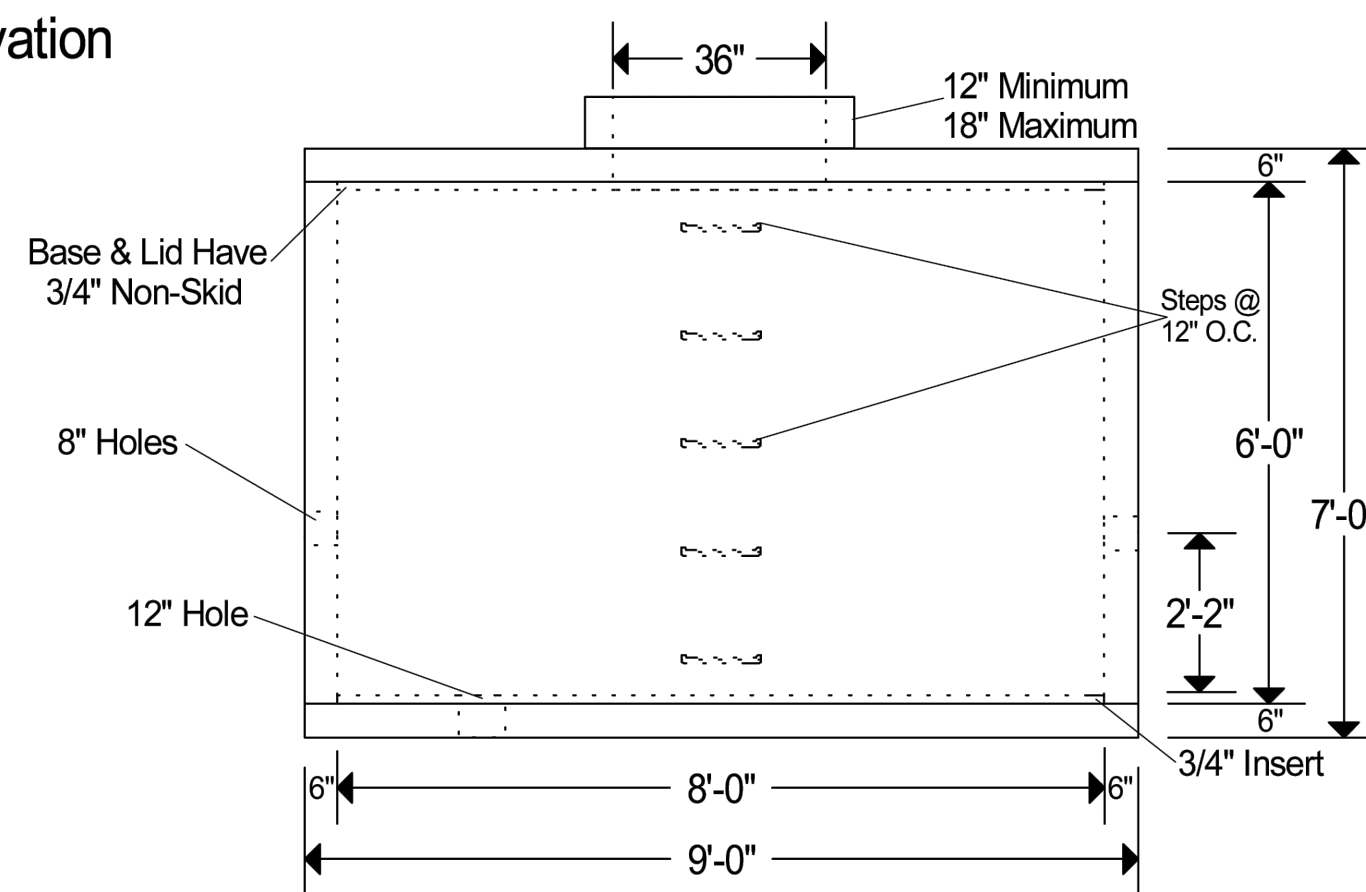
TYPICAL CROSS SECTION

OUTSIDE DIAMETER	CAP, TEE PLUG & DEAD END	BENDS			
		90°	45°	22 1/2°	11 1/4°
4" 3K	1.5	1.5	1.0	1.0	1.0
6" 3K	2.5	3.5	2.0	1.0	1.0
8" 3K	4.5	6.0	3.5	2.0	1.0
12" 3K	9.5	13.5	7.5	4.0	2.0
16" 3K	7.0	24.0	13.0	7.0	3.5
24" 3K	38.0	53.5	29.0	15.0	7.5

Plan

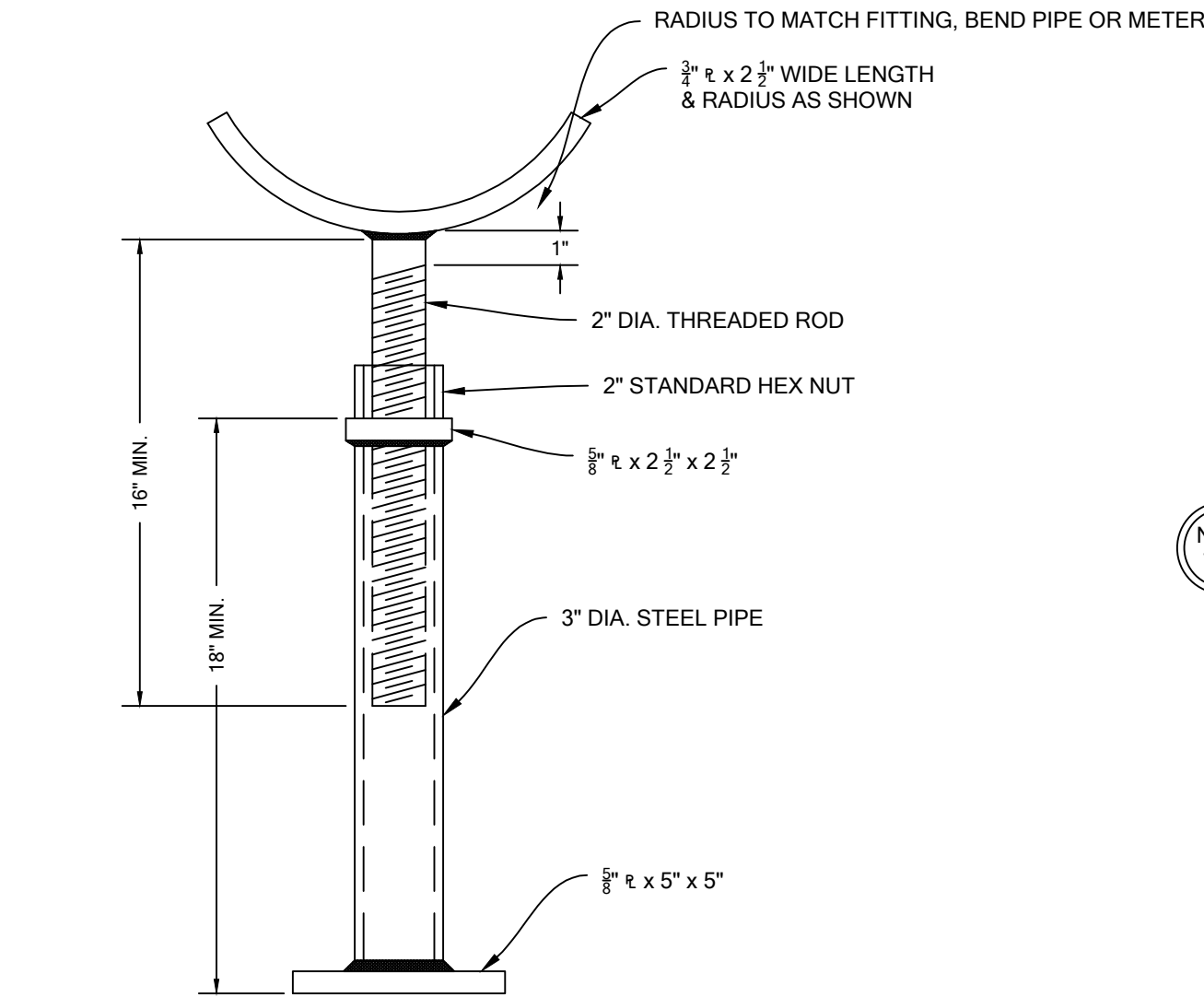


Elevation

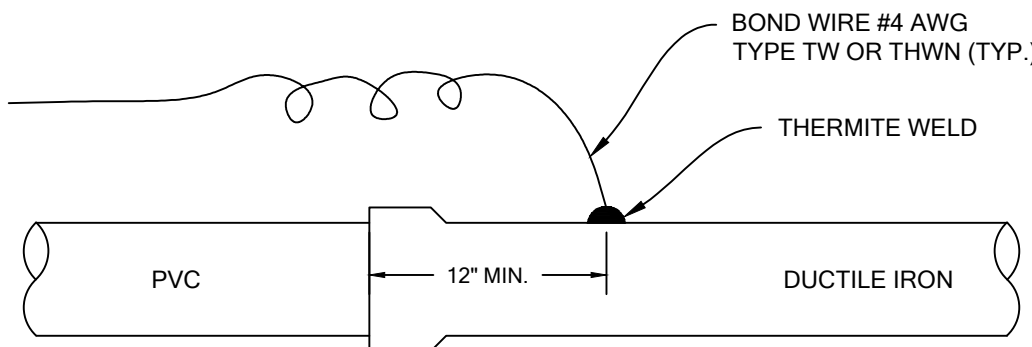


NOTES:

1. Weight: Walls 14,500 lbs. Lid & Base: 6100 lbs. Each.
2. Lifting Plan: Walls & Base Use Utility Lifting Anchors (PL66G)
Lid Uses Wire Rope Anchors (PL1111G)
3. 5,000 P.S.I. Minimum Strength Concrete.

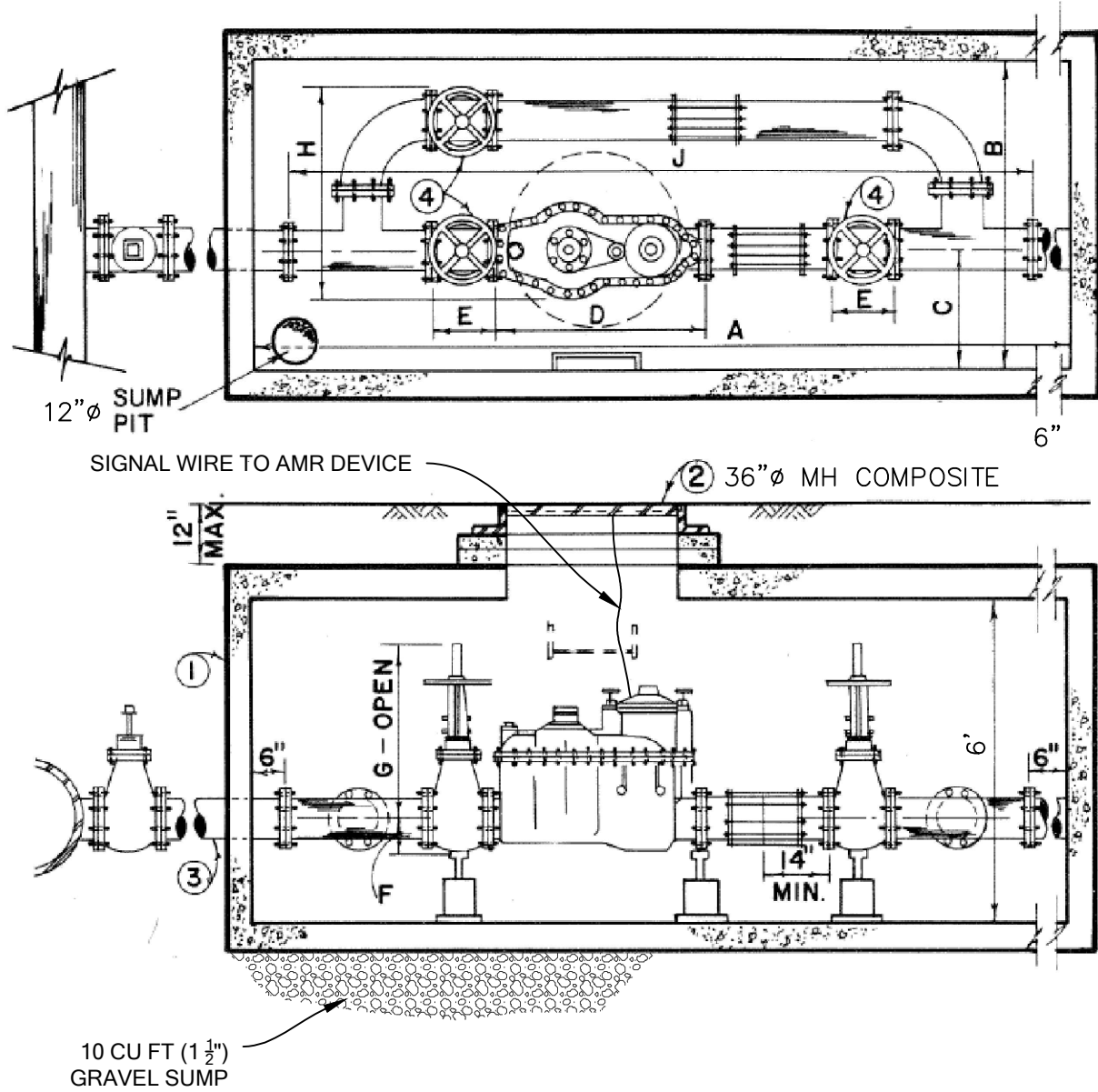


3" DIA. ADJUSTABLE STEEL COLUMN JACK



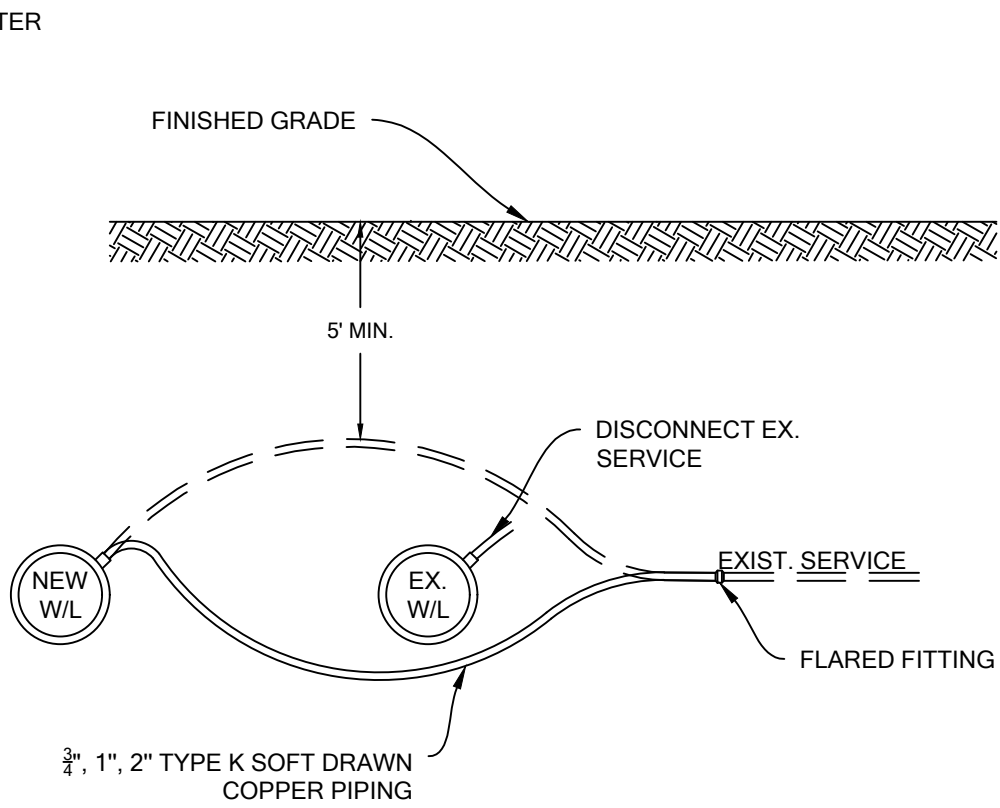
NOTE: BOND WIRES SHALL BE ATTACHED TO THE PIPE, VALVE OR FITTING TOP CENTERLINE.

PVC/DI JOINT BOND INSTALLATION
(WHERE PVC WATER MAIN TERMINATES AT DUCTILE IRON WATER MAIN)



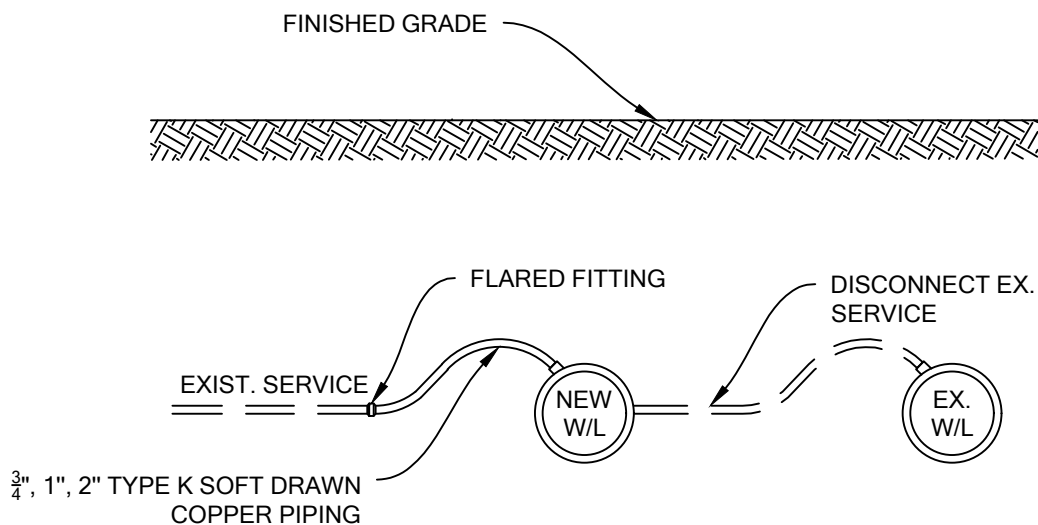
MINIMUM DIMENSIONS									
METER SIZE	COVER DIAMETER	A	B	C	D	E	F	G	H
6"	36"	108"	96"	20 1/2"	14"	10 1/2"	6"	32 3/4"	30"

- NOTES:
- VAULT-WALL THICKNESS 6". FLOOR THICKNESS 6".
 - RING AND COVER-SIZE PER TABLE. WATER CAST INTO TOP. TRUMBULL OR APPROVED EQUAL.
 - SERVICE LINES SHALL BE DUCTILE IRON CONFORMING TO A.W.W.A. AND THE SAME DIAMETER AS THE METER.
 - GATE VALVES SHALL BE USED, CLASS 150 CONFORMING TO A.W.W.A. C500 FLANGE TYPE.
 - BACKFLOW PREVENTION DEVICE TO BE LOCATED INSIDE BUILDING.
 - TOP STEP TO BE 12" - 18" BELOW THE SURFACE. STEPS TO BE SPACED 12" VERTICALLY.

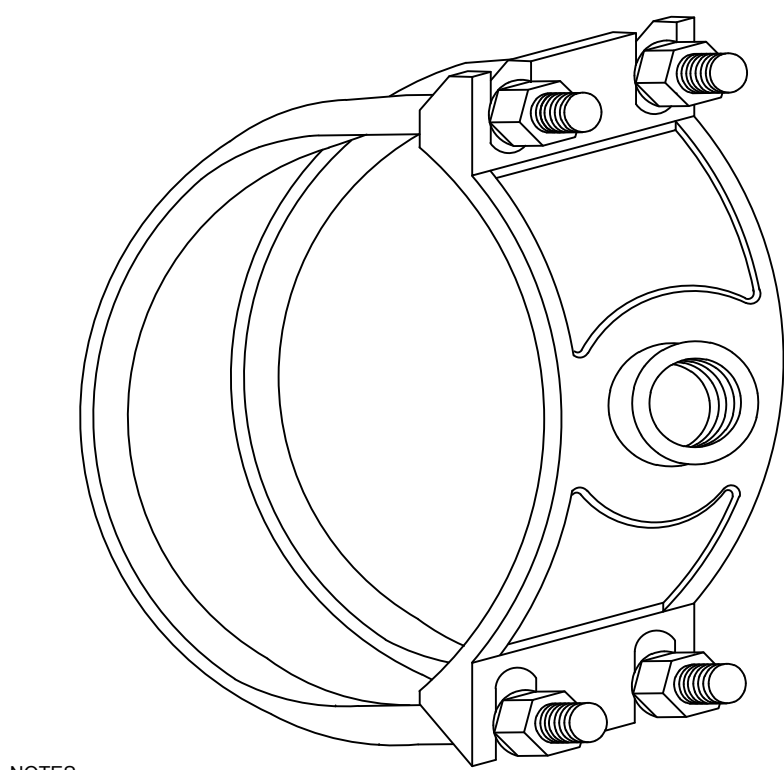


NOTE: IF THE EXISTING WATERLINE IS AT SUCH A DEPTH THAT THE NEW LONG SERVICE CAN BE INSTALLED OVER THE EXISTING WATERLINE AND STILL MAINTAIN THE 4'6" MINIMUM GROUND COVER, THE SERVICE MAY BE CONNECTED AS SHOWN IN THE DETAIL. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO CONSTRUCTING THE SERVICE CONNECTION IN THIS MANNER.

WATER SERVICE CONNECTION (LONG)

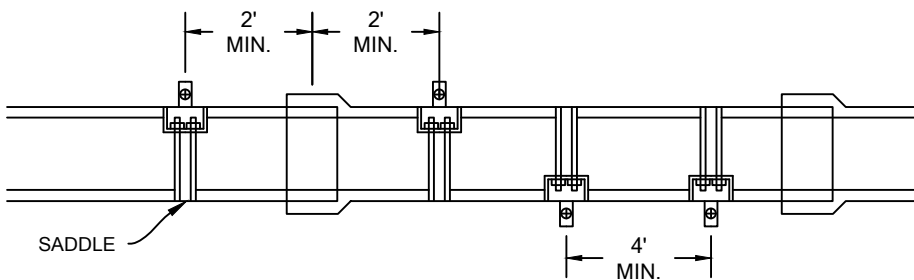


WATER SERVICE CONNECTION (SHORT)

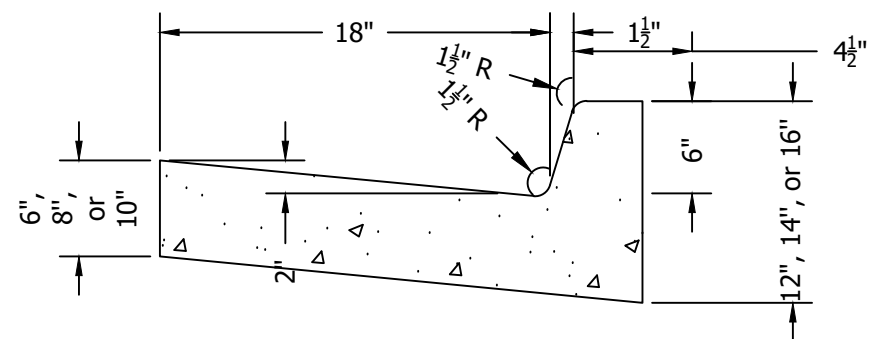


- NOTES:
- ONLY SOLID BRASS DOUBLE STRAP TAPPING SADDLES WITH AN "O" RING SEAL ARE APPROVED FOR PVC WATER MAINS. NO DIRECT TAPS SHALL BE MADE.
 - DOUBLE BRASS TAPPING SADDLES SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR.
 - CONTRACTOR SHALL TAP ALL PVC WATER MAIN CONNECTIONS.

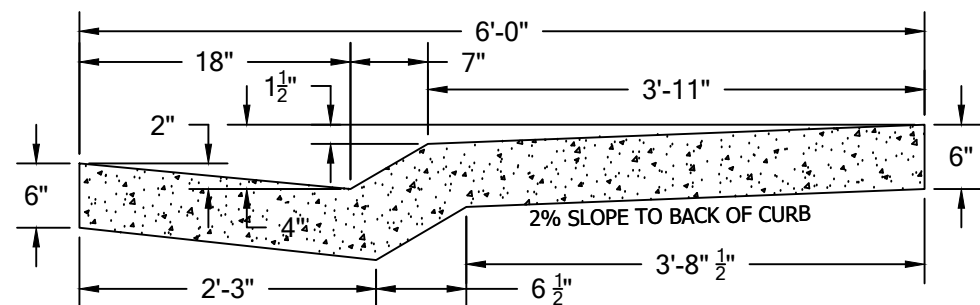
BRASS TAPPING SADDLE



PVC WATER TAP SPACING



24" VERTICAL CURB & GUTTER

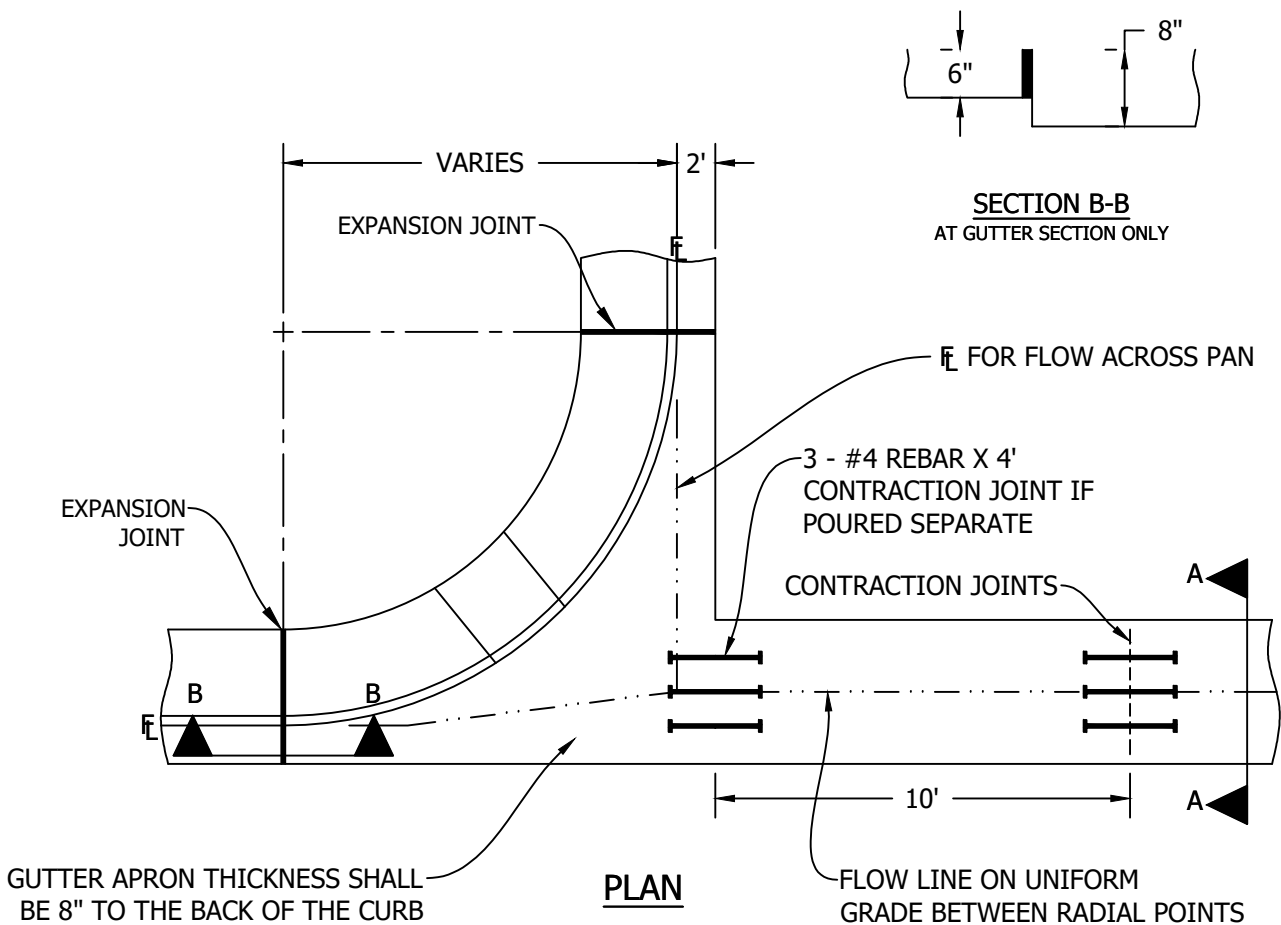


6'-0" X 6" CURB WALK

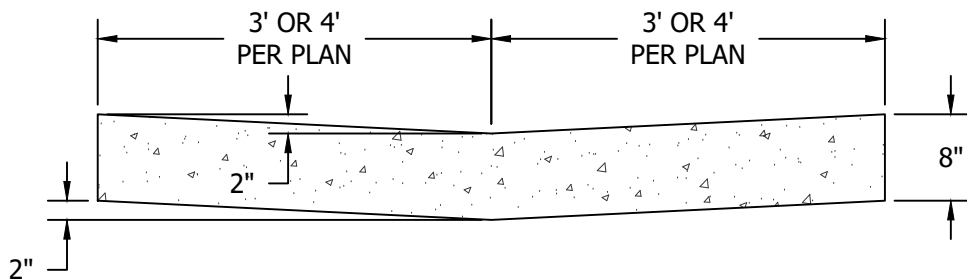


ATTACHED OR DETACHED WALK

- 4' OR 5' WIDE WALKS SHALL BE AS NOTED ON PLAN (4" OR 6").
- 8' WIDE WALKS SHALL BE 6" THICK
- ALL WALKS AT DRIVEWAYS SHALL BE 6"



PLAN

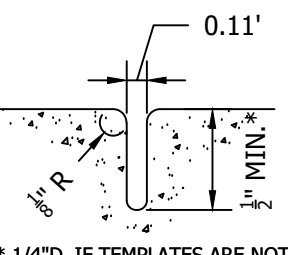


SECTION A-A

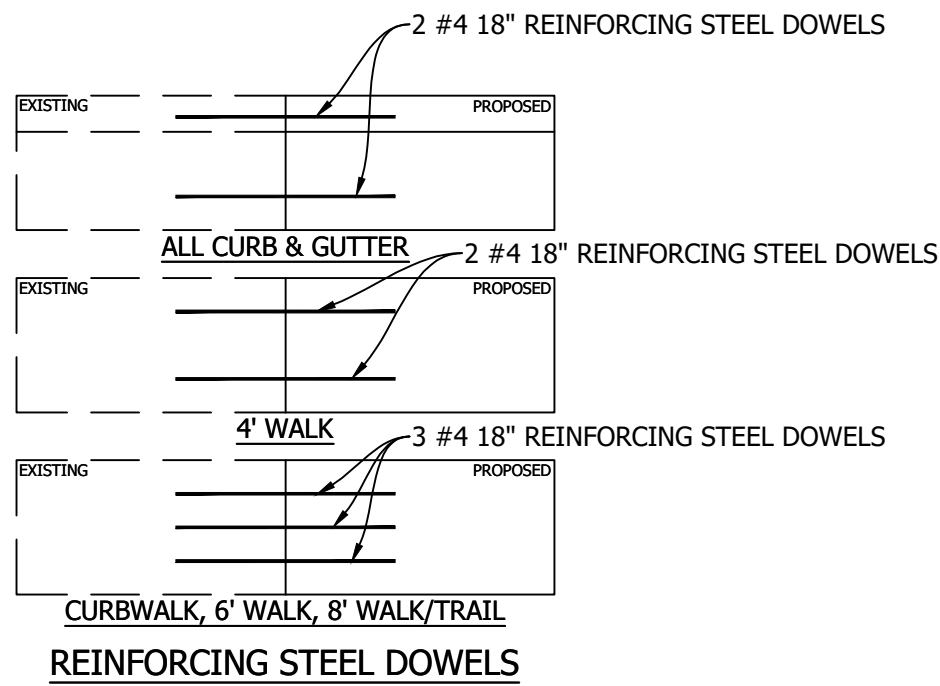
- NOTES:
- 6 1/2 SACK CONCRETE MIX WITH FIBERMESH REQUIRED.
 - CONTRACTION JOINTS SHALL BE PLACED EVERY 10' MAXIMUM IN CROSSPAN.

- NOTES:
- PROVIDE SEALANT AT 8' BIKE PATH EXPANSION JOINT LOCATIONS.
 - PROVIDE SAW CUT JOINT AT 8' BIKE PATH CONTRACTION JOINT LOCATIONS.
 - PROVIDE SAW CUT JOINT AT 6' WALK CONTRACTION JOINT LOCATIONS

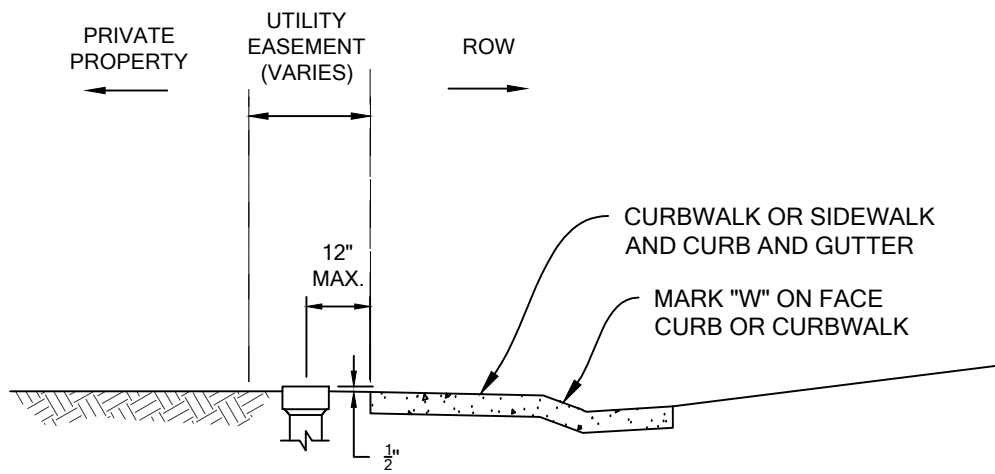
EXPANSION JOINT



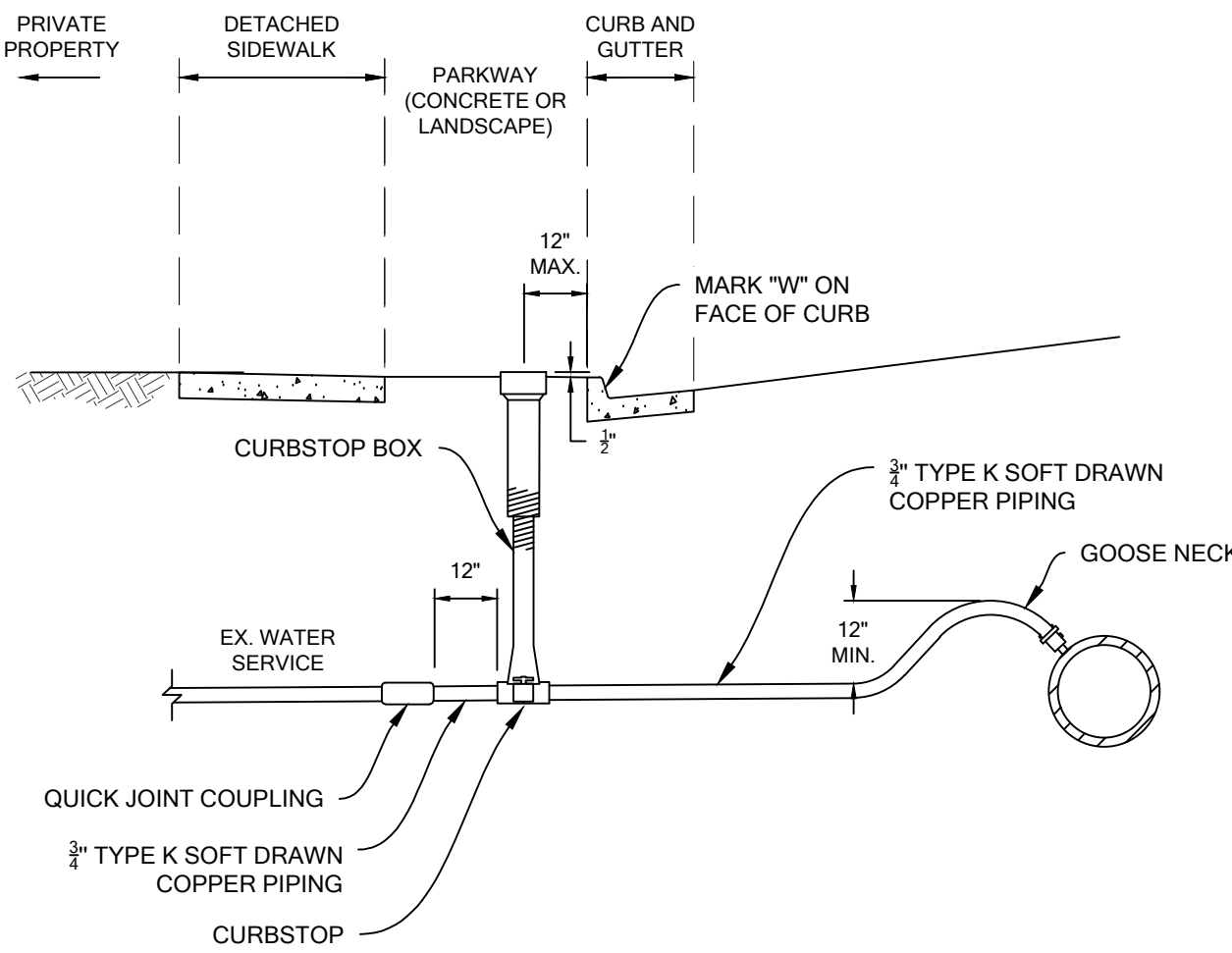
CONTRACTION OR WEAKENED PLANE JOINT



REINFORCING STEEL DOWELS



PLACEMENT FOR CURB WALK OR ATTACHED SIDEWALK



NOTES:

- CURB STOP BOX SHALL BE ADJUSTABLE BUFFALO TYPE AND BE INSTALLED VERTICALLY PLUMB AND CENTERED ABOVE CURB STOP VALVE.
- PARKWAY SHALL BE RESTORED TO PREEXISTING CONDITIONS.

GALVANIZED WATER SERVICE REPLACEMENT