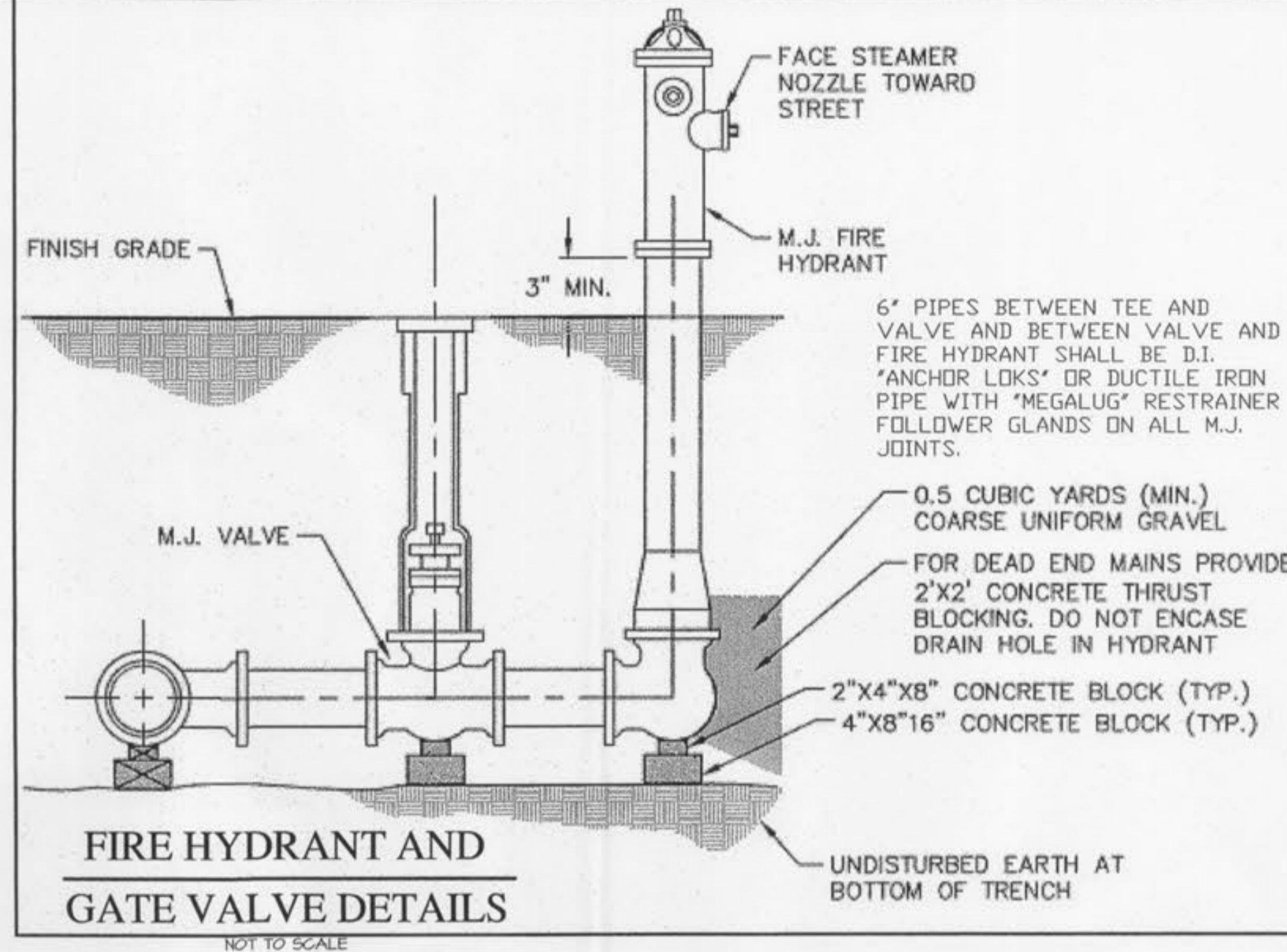


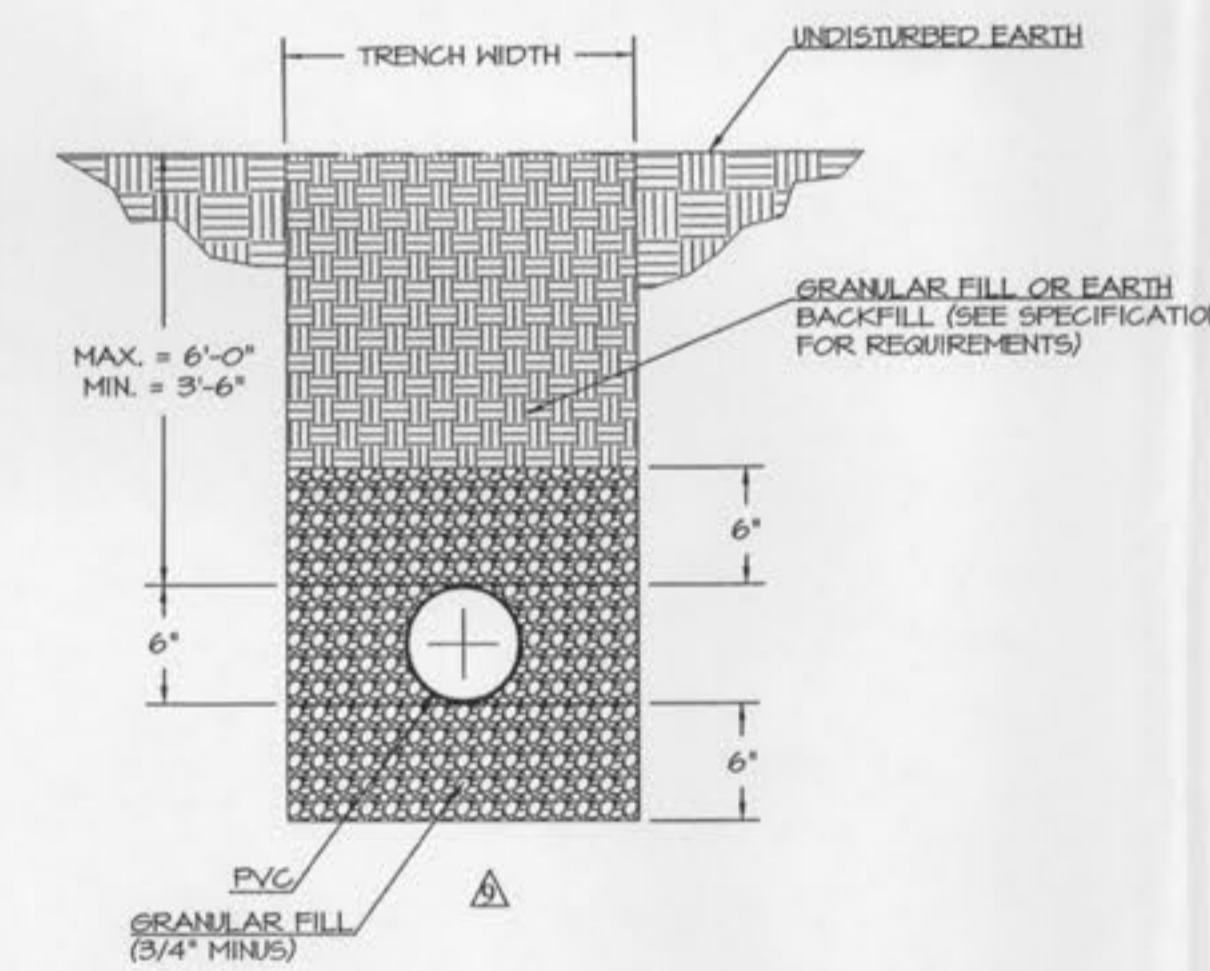
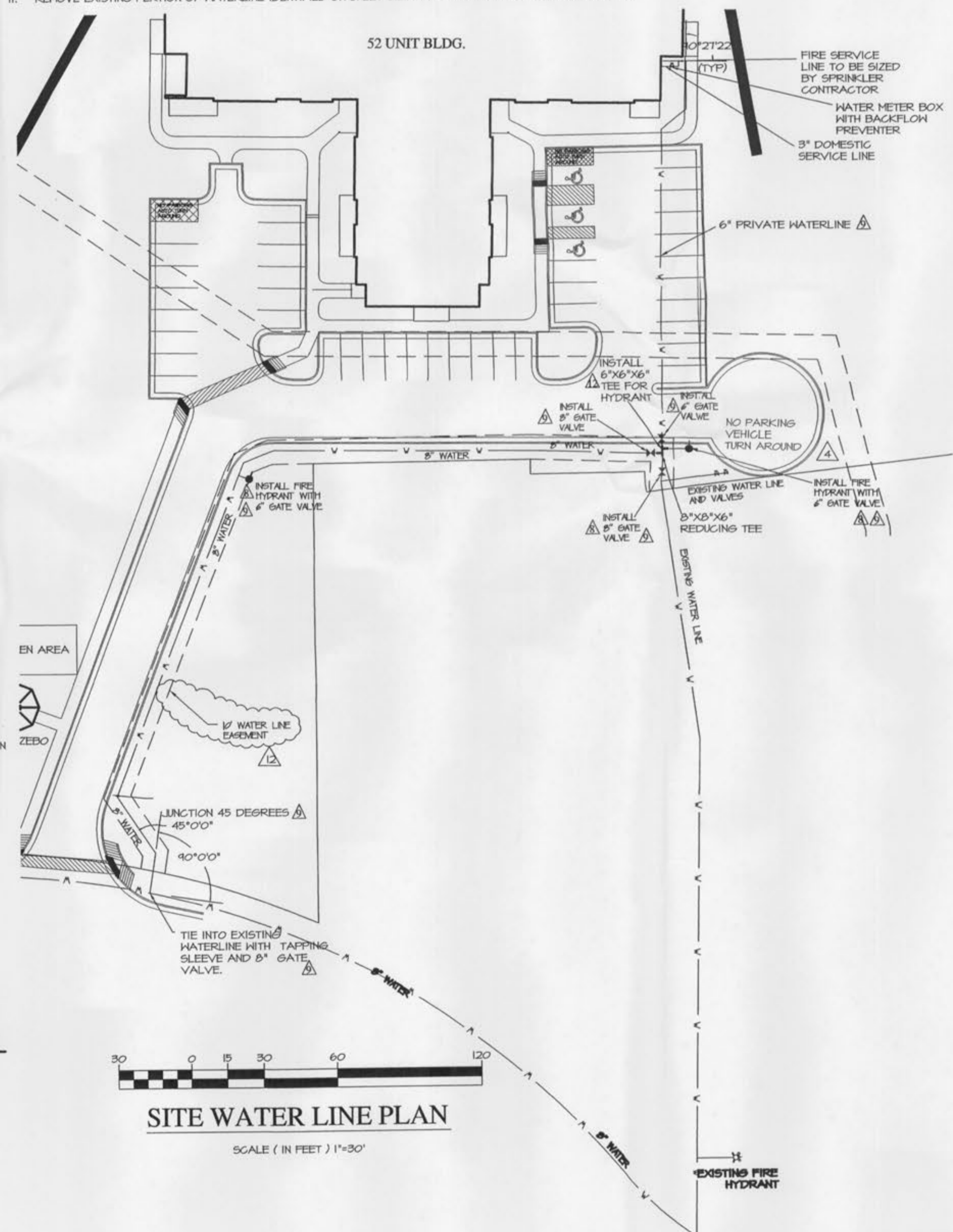
GENERAL NOTES

- THE DOMESTIC WATER LINE SHALL CONSIST OF APPROXIMATELY 165' LF OF 6" SDR 21, CLASS 200 PVC PIPE AND 375' OF 8" SDR 21, CLASS 200 PVC PIPE.
- WATER LINES SHALL HAVE A MIN. 10 FEET HORIZONTAL CLEARANCE AND 18 INCHES VERTICAL CLEARANCE (MEASURED FROM EDGE OF PIPE TO EDGE OF PIPE) FROM ALL SANITARY SEWER LINES.
- WATER LINES SHALL HAVE A MINIMUM OF 42 INCHES OF COVER, UNLESS OTHERWISE NOTED, MEASURED FROM THE TOP OF FINISHED GROUND TO THE TOP OF PIPE.
- THERE SHALL BE A MINIMUM OF 18 INCHES CLEARANCE MEASURED FROM THE BOTTOM OF ANY STORMWATER PIPE TO THE TOP OF WATER LINES AT ALL CROSSINGS.
- AT WATER AND SANITARY SEWER CROSSINGS, THE FULL LENGTH OF WATER PIPE SHALL BE LOCATED SO BOTH JOINTS WILL BE AS FAR FROM SEWER AS POSSIBLE. SPECIAL STRUCTURAL SUPPORT FOR THE WATER AND SEWER PIPES MAY BE REQUIRED.
- THE GENERAL CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND /OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- NOTICE TO CONTRACTOR: PRIOR TO INSTALLATION OF WATER LINE, THE CONTRACTOR SHALL EXCAVATE, VERIFY, AND CALCULATE ALL CROSSINGS AND INFORM THE OWNER AND WALLACE ARCHITECTS OF ANY CONFLICTS PRIOR TO CONSTRUCTION.
- COORDINATE ALL CONSTRUCTION WITH THE ST. CHARLES COUNTY P.W.S.D. #2. NOTIFY THE DISTRICT AT LEAST 48 HOURS IN ADVANCE.
- POINT OF CONTACT FOR WATER INFORMATION IS P.W.S.D.#2 OF ST. CHARLES COUNTY, 100 WATER DR., OFALLON, MO 636-561-3731.
- ALL WATER MAINS, VALVES, FITTINGS, HYDRANTS, AND RELATED ITEMS ARE TO BE INSTALLED IN ACCORDANCE WITH THE CURRENT ST. CHARLES COUNTY P.W.S.D.#2 GUIDELINES AND SPECIFICATIONS AS APPROVED BY MDNR REVIEW NO. 61996-04R.
- REMOVE EXISTING PORTION OF WATERLINE IDENTIFIED ON SHEET C2.0 WHICH IMPACTS NEW CONSTRUCTION.

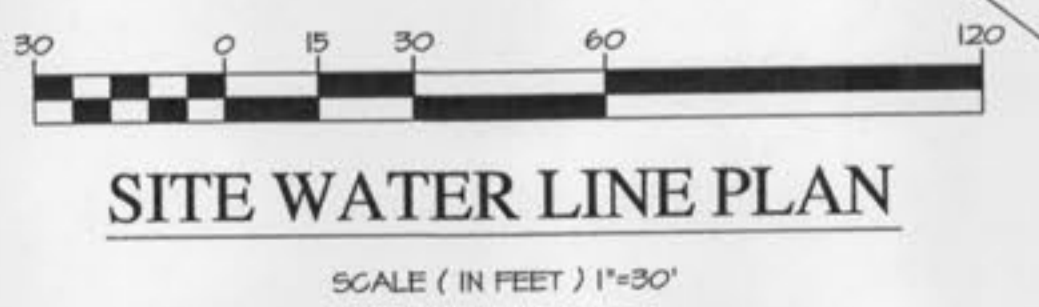


ALL UTILITY CONSTRUCTION AND UTILITY CONFLICT RESOLUTION WILL BE IN ACCORDANCE WITH THE CURRENT ST. CHARLES COUNTY P.W.S.D.#2 GUIDELINES AND SPECIFICATIONS AS APPROVED BY MDNR REVIEW NO. 61996-04R.

ALL WATER SUPPLY LINES 4" AND GREATER SHALL HAVE THRUST BLOCKS AT ALL TEES, CROSSES, CAPS, 90°, 45° AND 11.25° BENDS.

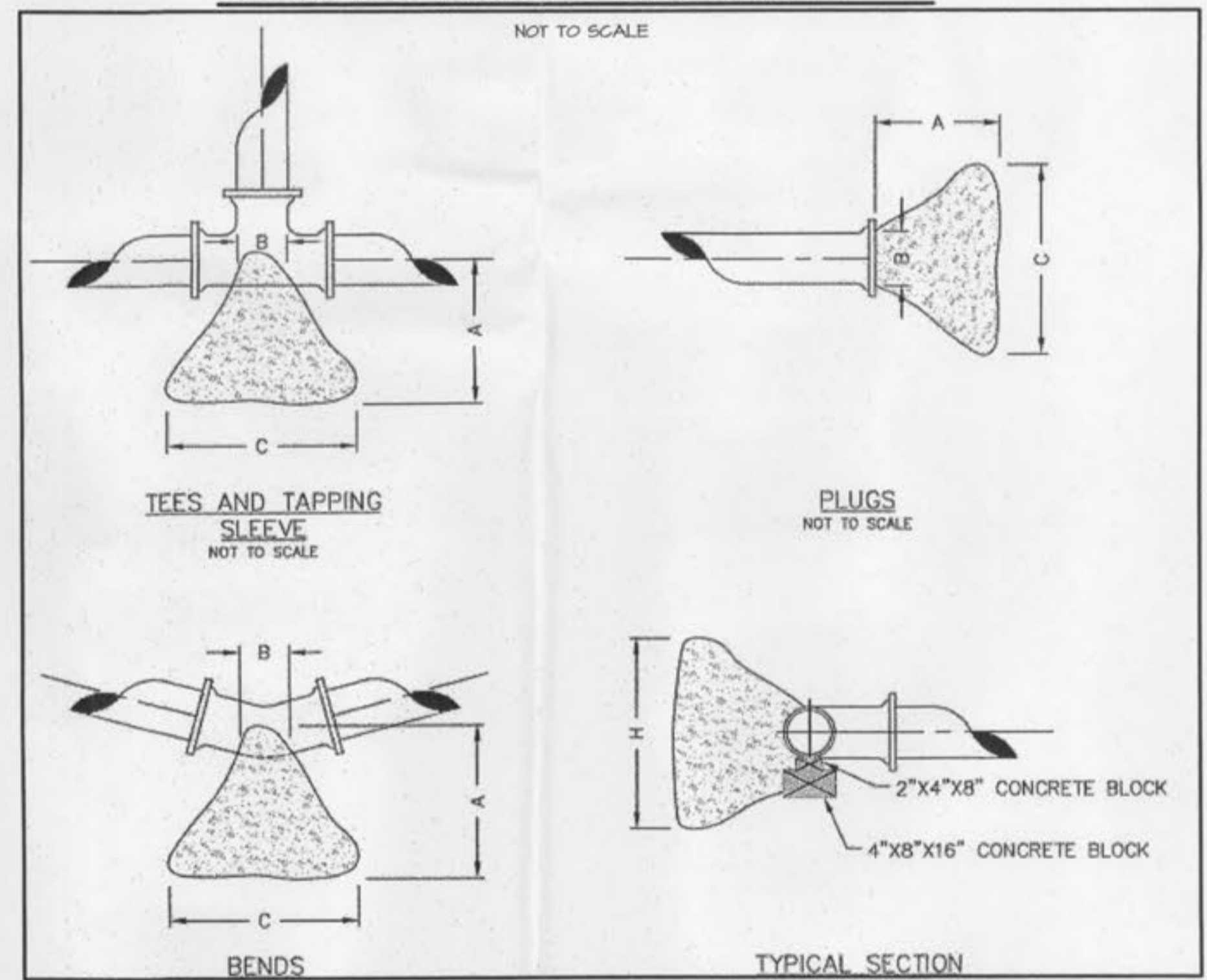


WATERLINE TRENCH AND BEDDING
NOT TO SCALE



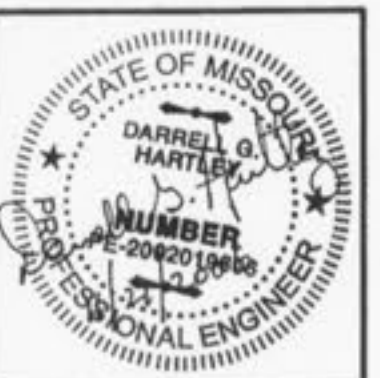
SITE WATER LINE PLAN
SCALE (IN FEET) 1"=30'

P.W.S.D # 2
TYPICAL THRUST BLOCKING
NOT TO SCALE



PIPE DIA.	ALL FTGS.		TEE PLUG TAPPING		90 DEGREE BEND		45 DEGREE BEND		22-1/2 BEND		11-1/4 BEND	
	A	B	C	H	C	H	C	H	C	H	C	H
4	14	4	24	12	26	15	18	12	12	12	12	12
6	16	6	36	18	36	24	30	18	24	12	12	12
8	20	8	36	30	42	36	36	24	24	18	18	12
10	20	10	48	36	66	36	36	36	28	24	18	18
12	24	12	68	36	82	42	52	36	40	24	28	18

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