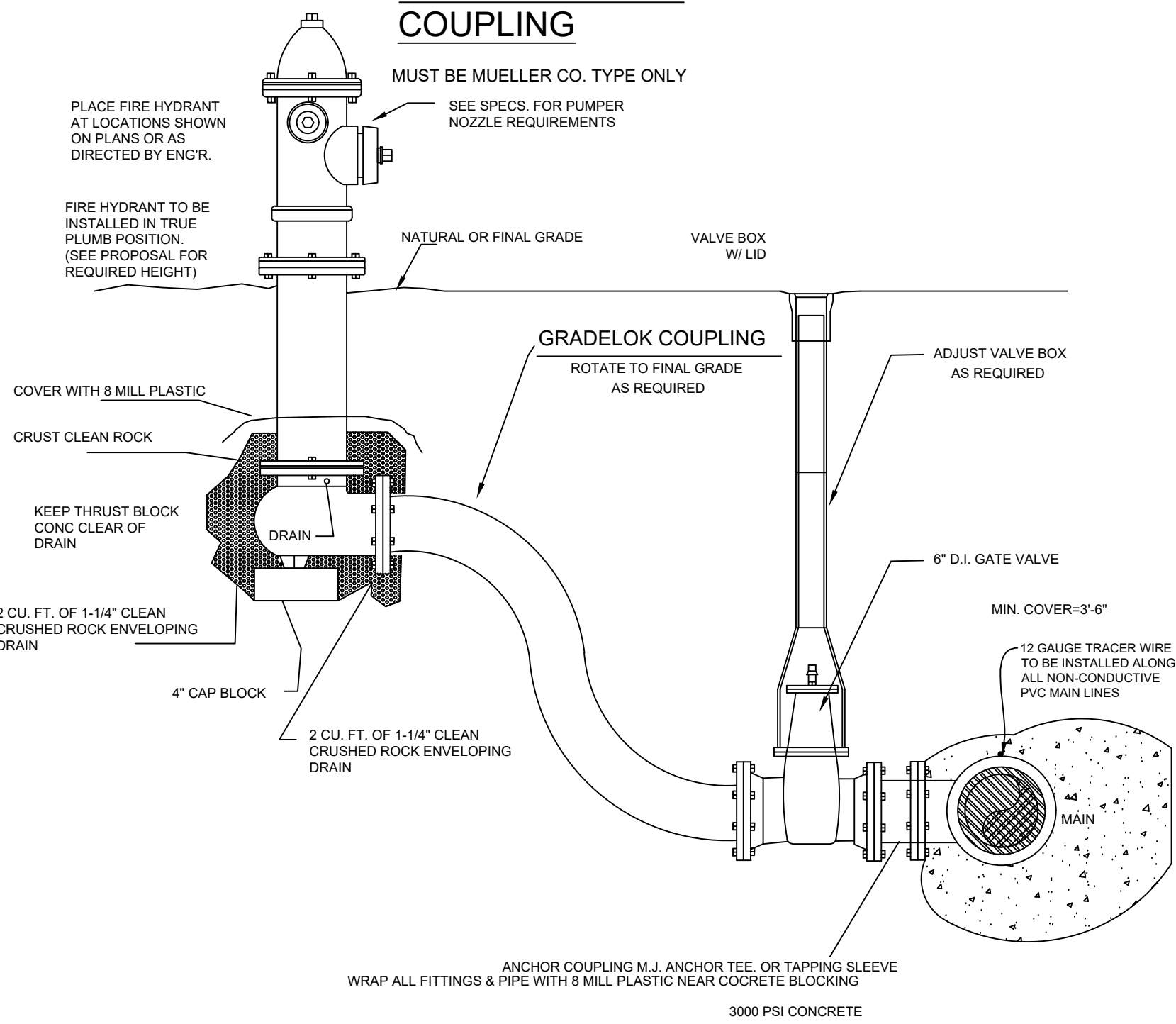
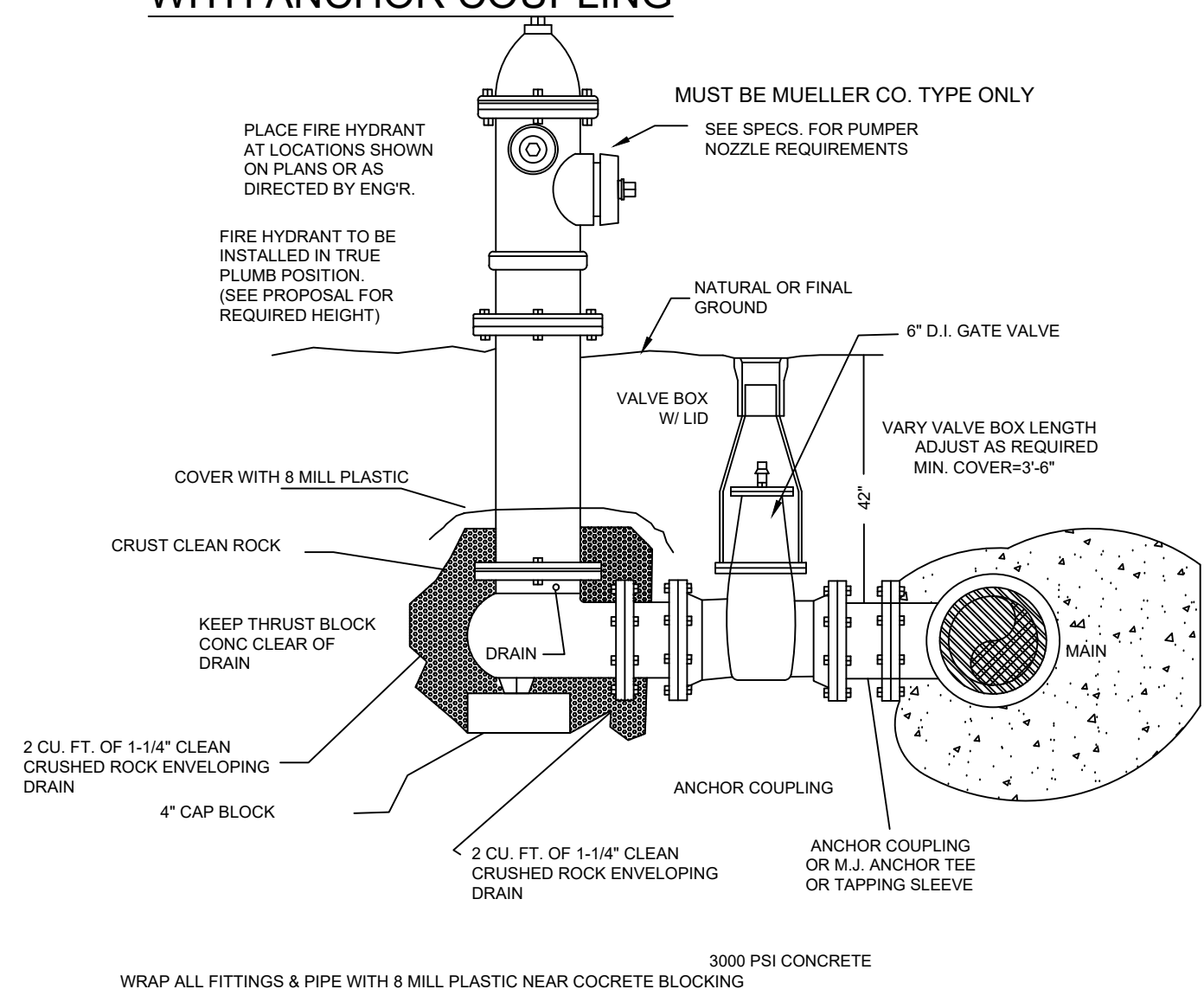


FIRE HYDRANT DETAIL  
WITH GRADELOK  
COUPLING

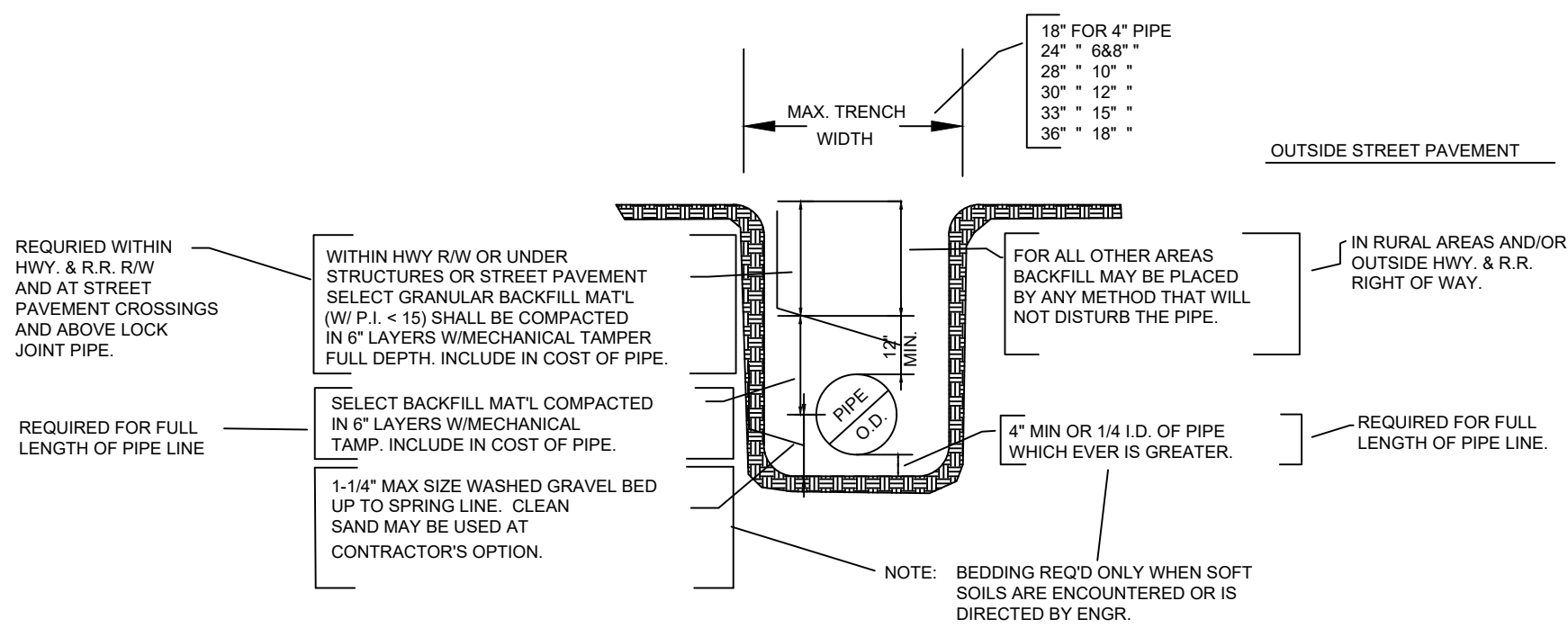


TYPICAL FIRE HYDRANT LOCATION  
ALONG HWY. RIGHT-OF-WAY

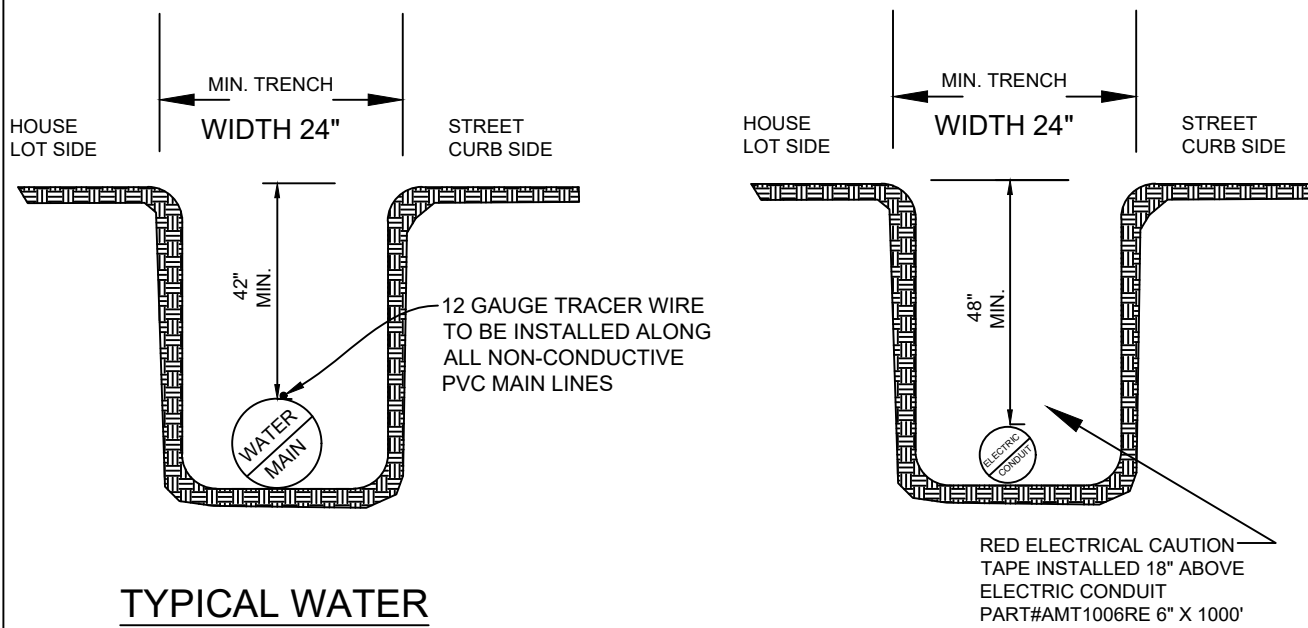
FIRE HYDRANT DETAIL  
WITH ANCHOR COUPLING



TYPICAL FIRE HYDRANT  
LOCATION

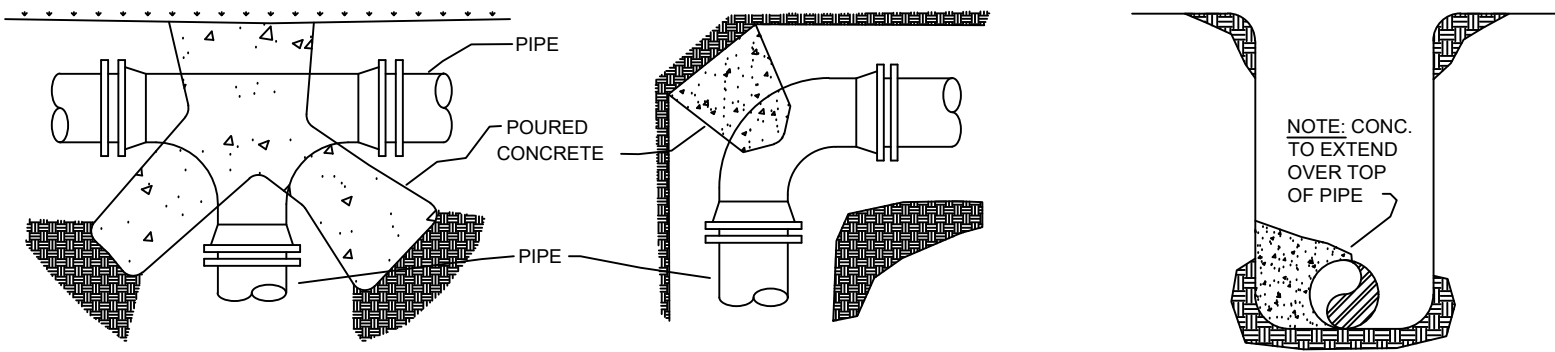


TYPICAL WATER PIPE BEDDING  
AND BACKFILL DETAIL



TYPICAL WATER  
TRENCH DETAIL

TYPICAL ELECTRIC  
TRENCH DETAIL



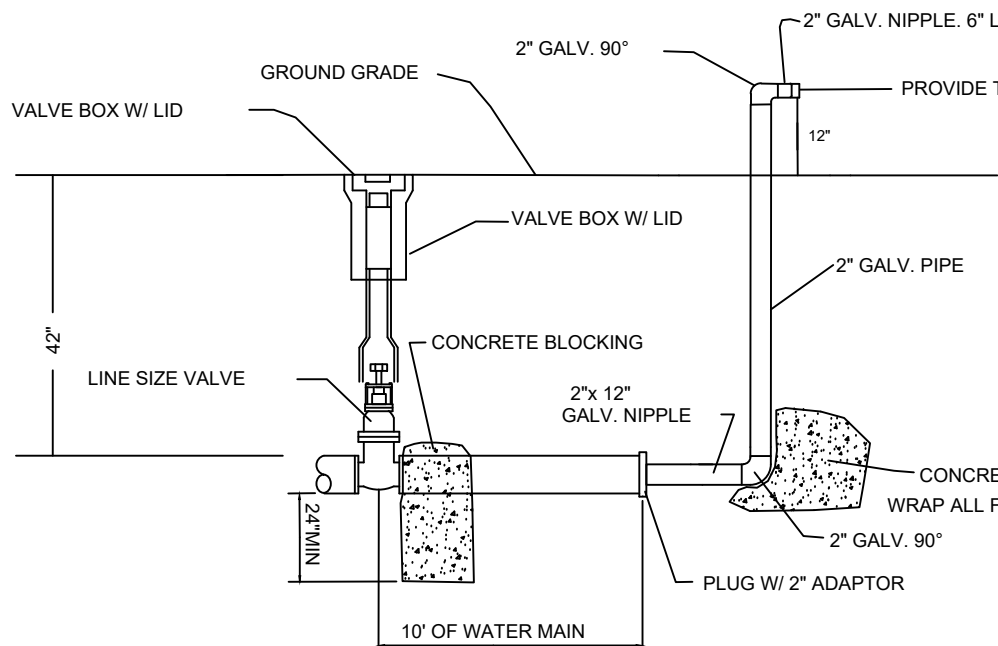
THRUST BLOCK DETAILS

NOTES:

1. ALL BLOCKING SHALL BE AGAINST UNDISTURBED HAND DUG SOIL.
2. WHERE SOIL CONDITIONS MAKE IT NECESSARY TO POUR CONCRETE BLOCKING OVER JOINTS, THE ENDS OF THE ADJACENT PIPES MUST HAVE A BRACE BLOCK TO RESIST MOVEMENT OF THESE JOINTS.
3. ALL FITTINGS & PIPE SHALL BE COVERED WITH 8 MILL PLASTIC WHEN BLOCKING TO PREVENT BONDING OF CONCRETE.
4. WHERE SHEAR IS HIGH PROPER REINFORCING MUST BE INSTALLED INTO THE BLOCKING AS DIRECTED BY ENGINEER.
5. COVER SHALL BE A MINIMUM OF 3\"/>

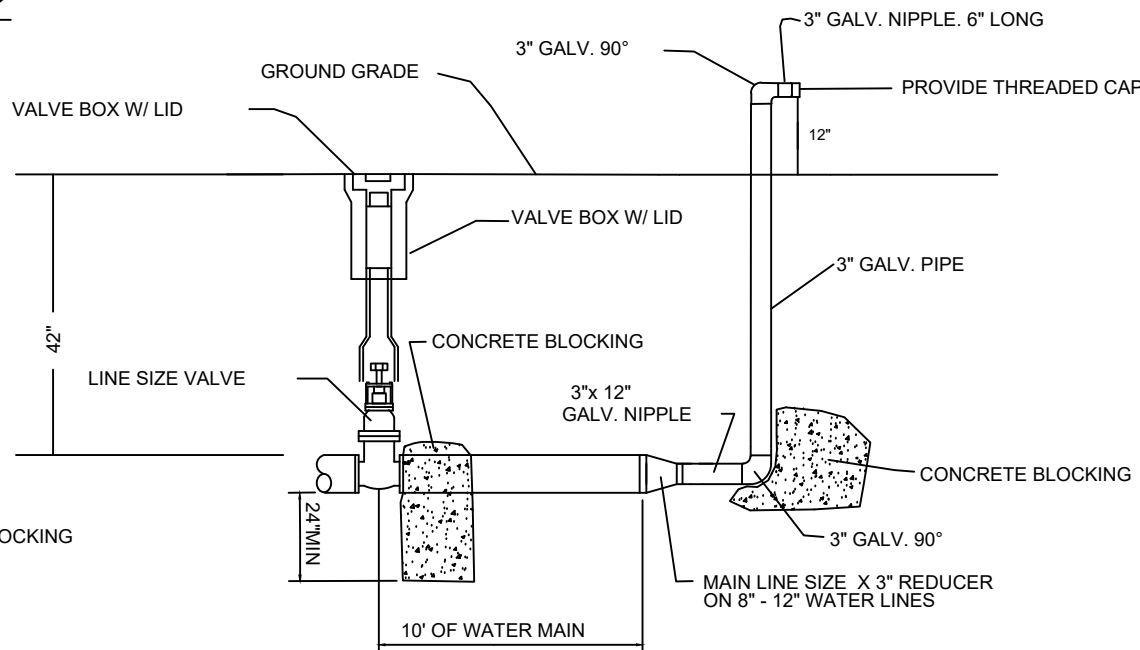
WATERLINE PIPE BEND THRUST BLOCK AREA		
SIZE & BEND DEGREE	STATIC THRUST (LB)	BLOCKING AREA (FT²)
4" - 22 ½°	1103	1
4" - 45°	2164	2
4" - 90°/TEE/PLUG	3998	4
6" - 22 1/2°	2482	2.5
6" - 45°	4867	5
6" - 90°/ TEE/PLUG	8997	9
8" - 22 1/2°	4413	4.5
8" - 45°	8656	8.5
8" - 90°/ TEE/PLUG	15994	16

BLOW-OFF ASSEMBLY DETAILS

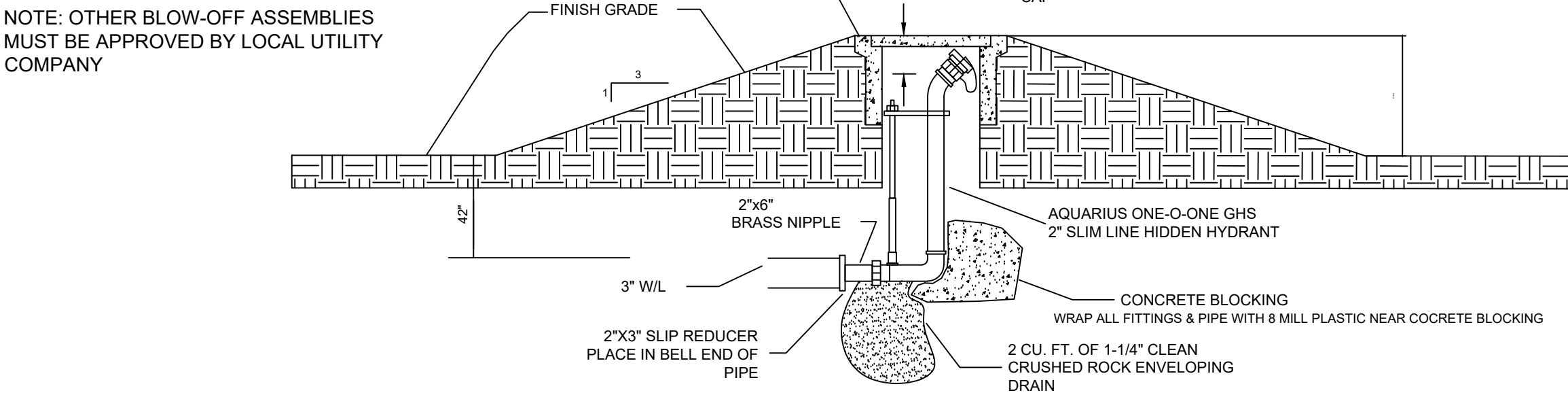


2\"/>

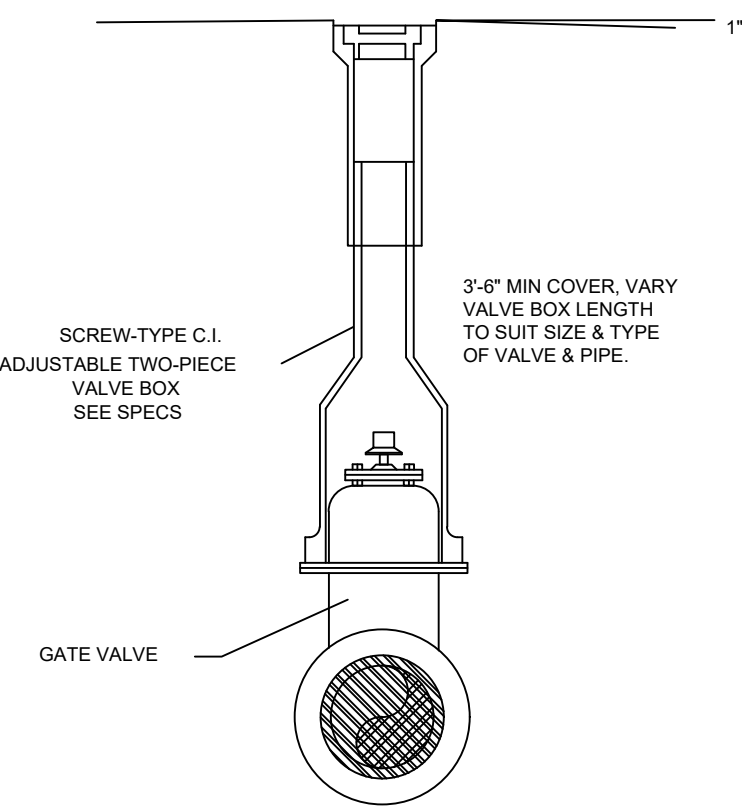
NOTE: ALL 2\", OR 3\" GALVANIZED PIPE AND FITTINGS ARE TO BE SCH 40



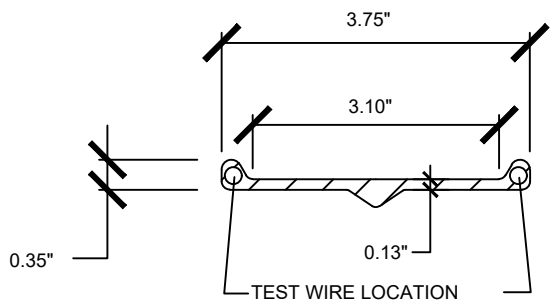
3\"/>



UNDERGROUND WASHOUT ASSEMBLY  
FOR COVES AND DEAD END LINES WITH  
NO FUTURE EXTENSION

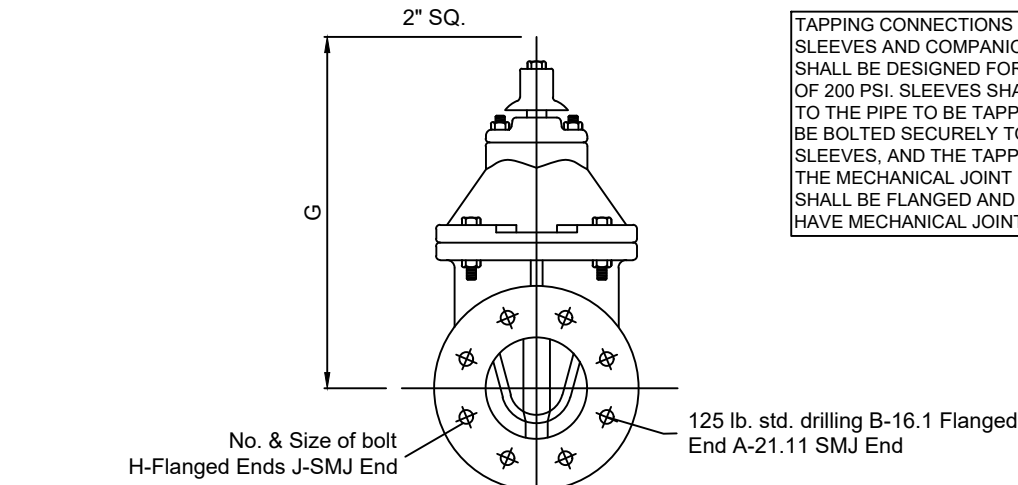
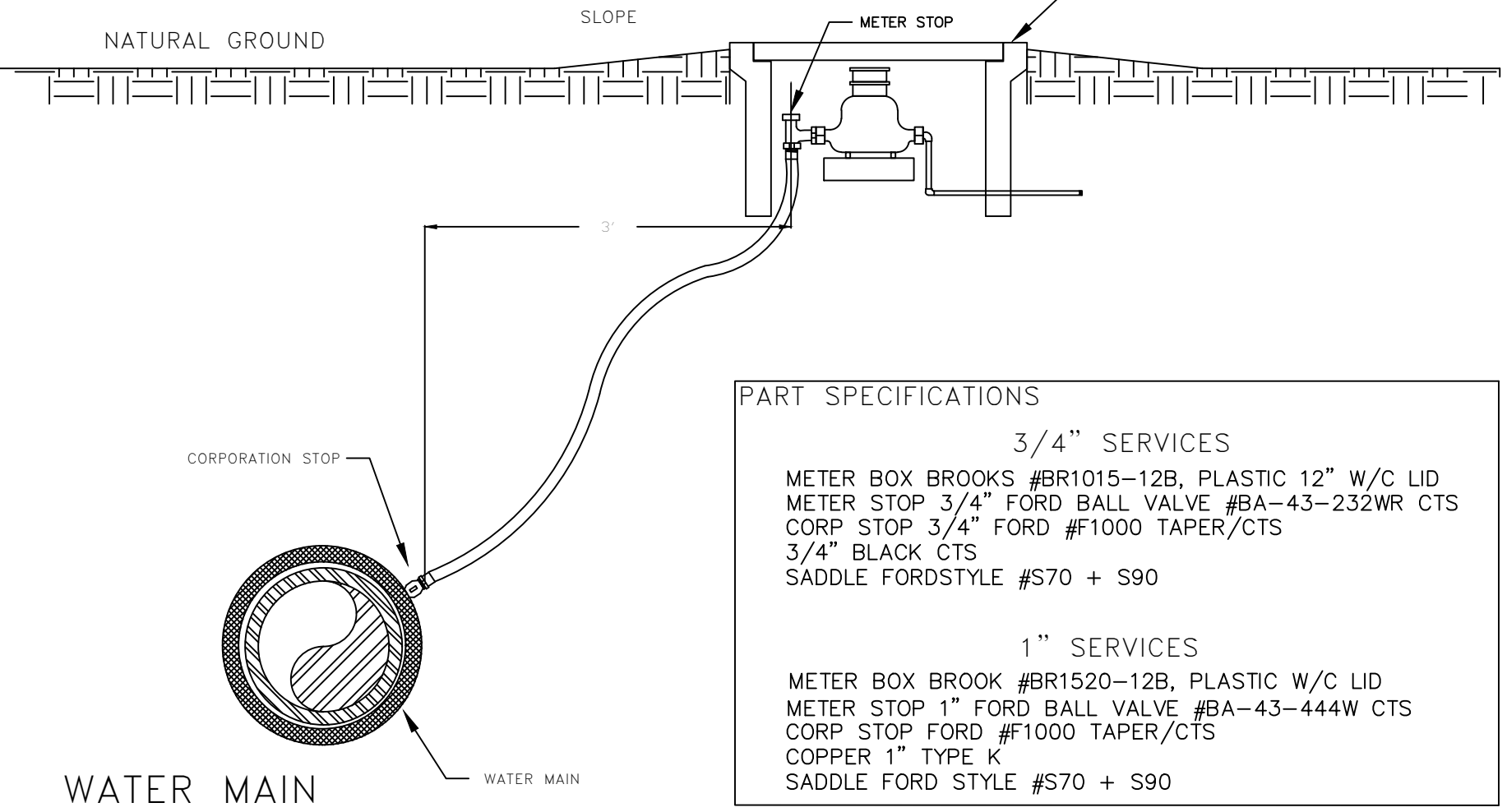


VALVE BOX DETAIL



WATER LINE & FORCE MAIN  
MARKER DETAIL

SERVICE CONNECTION AND METER SETTING



TAPPING SLEEVE  
TAPPING VALVE DETAIL

MARK MORRIS P.E.  
6011 SOUTHWEST DRIVE  
JONESBORO, AR 72404  
PH: 1-870-919-7700  
MARK@MARKMORRISHOMES.COM

MARK MORRIS

SARAH CROSSING - PHASE IV

WATER DETAILS



REVISIONS		
DATE	BY	DESCRIPTION
DRAWING INFO.		
DRAWN BY:		
DATE:		
SCALE:		
SHEET NUMBER:		
DT-2		