

90° BENDS												
SIZE	2	4	6	8	10	12	14	16	18	20	24	30
D"	6	8	8	10	12	14	22	22	24	24	30	30
L"	16	20	24	30	32	34	68	68	80	80	96	120
W"	8	10	12	18	22	24	34	34	40	40	48	60
T"	10	12	16	20	22	22	38	38	40	40	44	52

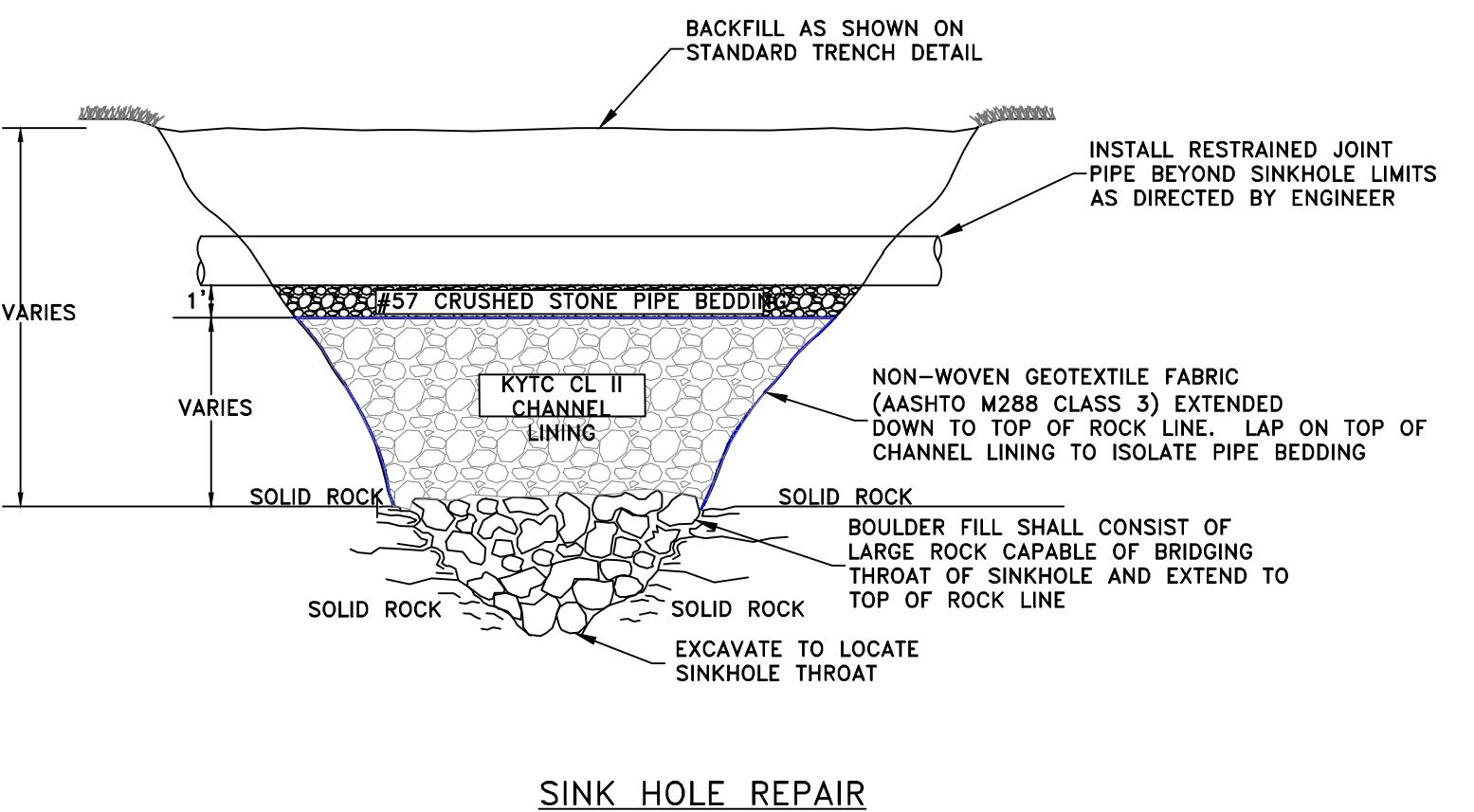
45° BENDS												
ZE	2	4	6	8	10	12	14	16	18	20	24	30
D"	6	6	8	10	12	12	22	22	24	24	30	30
L"	14	18	18	22	24	24	51	51	60	60	72	90
W"	8	10	12	16	18	18	25	25	29	29	36	44

	10	12	16	18	18	18	36	36	40	40	44	52
22 1/2° & 11 1/4° BENDS												
ZE	2	4	6	8	10	12	14	16	18	20	24	30
D"	6	10	14	18	20	20	22	22	24	24	30	30
L"	20	24	28	28	28	28	36	36	42	42	54	66
W"	18	20	22	24	24	24	18	18	21	21	24	31

T"	12	14	16	18	18	18	38	38	40	40	44	52
<b>TEES, PLUGS &amp; BLOWOFFS</b>												
ZE	2	4	6	8	10	12	14	16	18	20	24	30
D"	12	16	18	24	28	30	30	30	30	30	30	36
L"	12	16	18	24	28	30	60	60	72	72	84	102
W"	14	16	18	18	22	24	28	28	32	32	40	51
T"	10	10	12	12	12	12	38	38	40	40	44	52

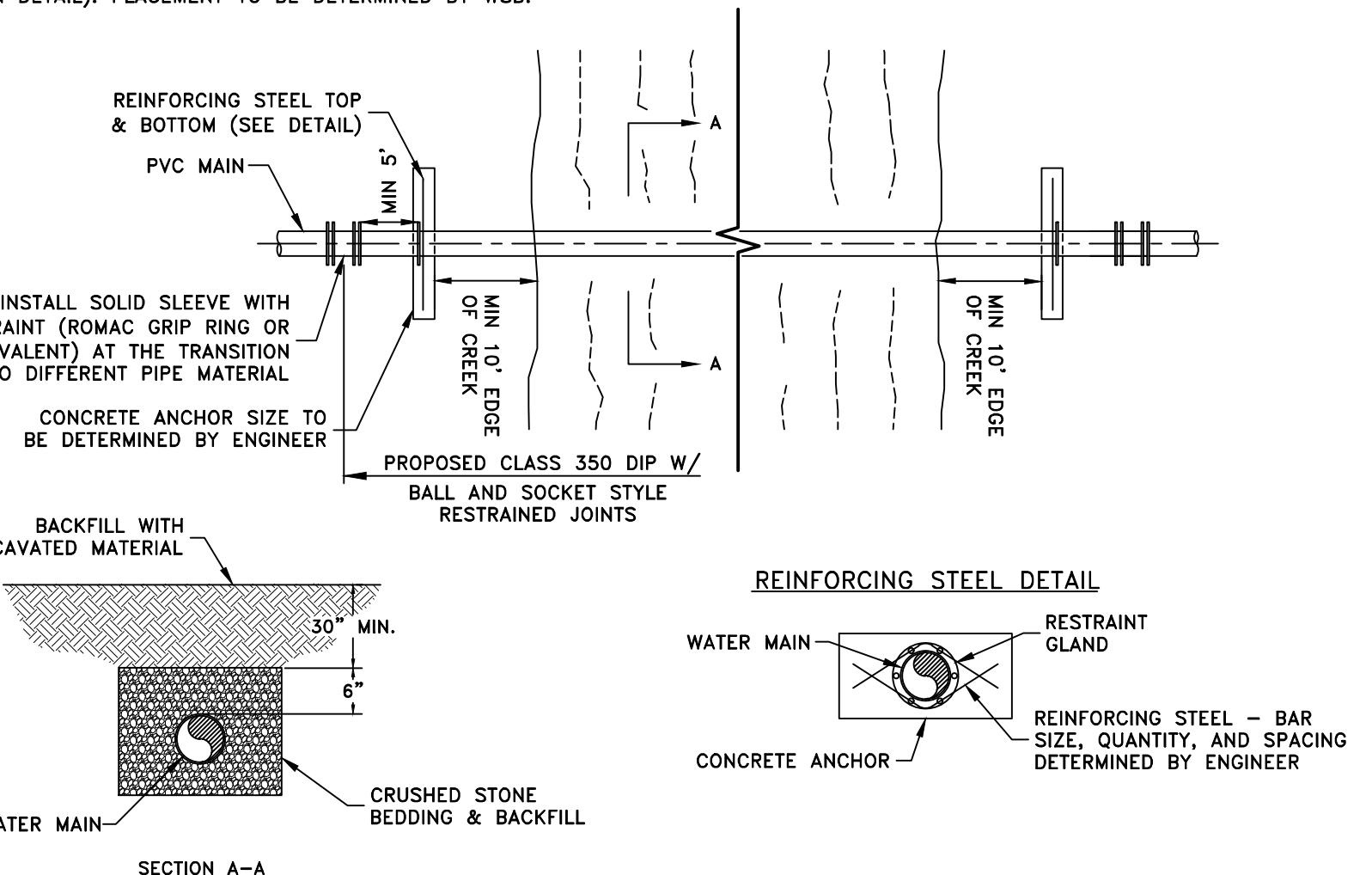
**\*ALL DIMENSIONS ARE IN INCHES**

## URFACE RESTORATION CROSSING OF ALL STREETS & HIGHWAYS)

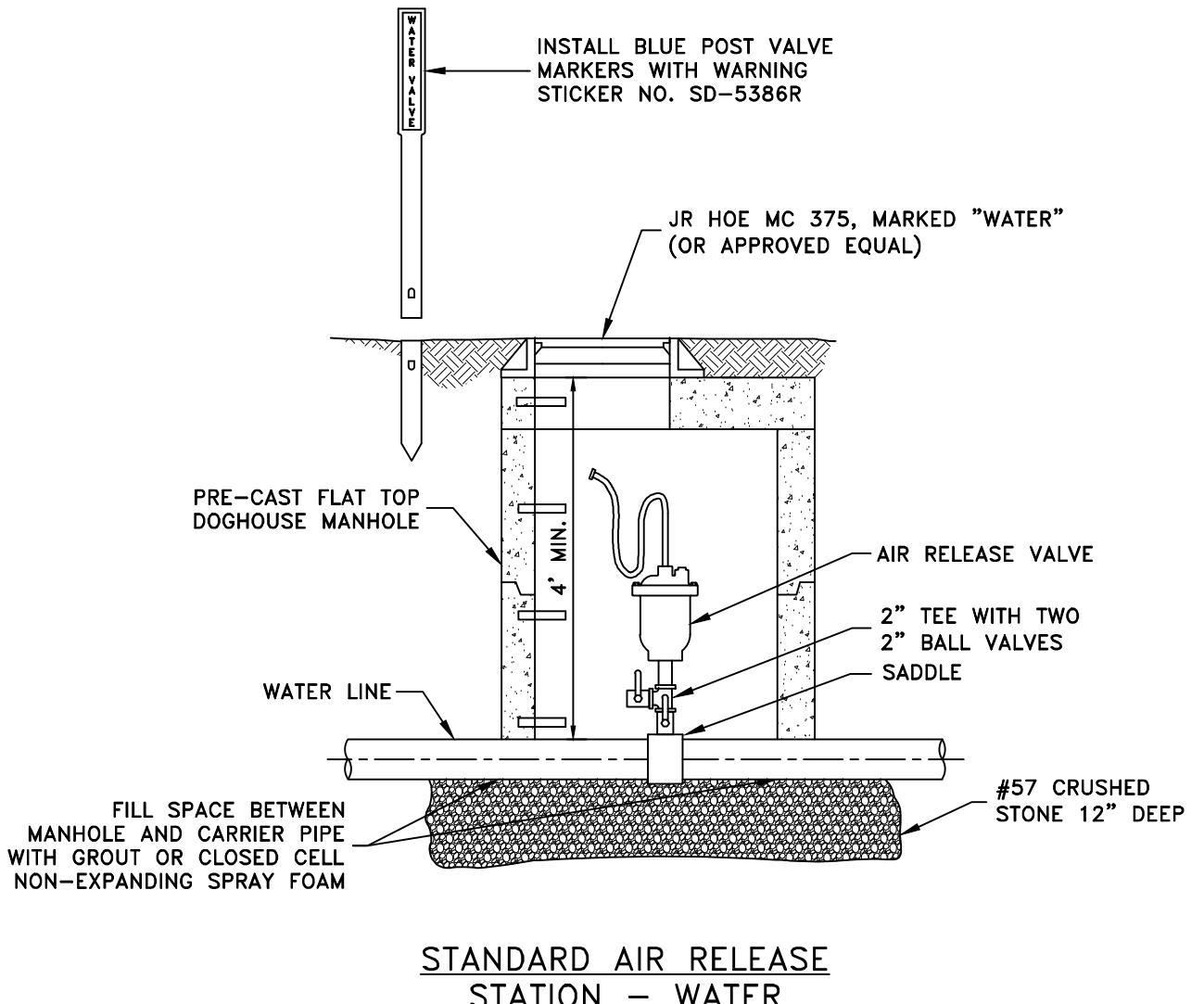


OTES:

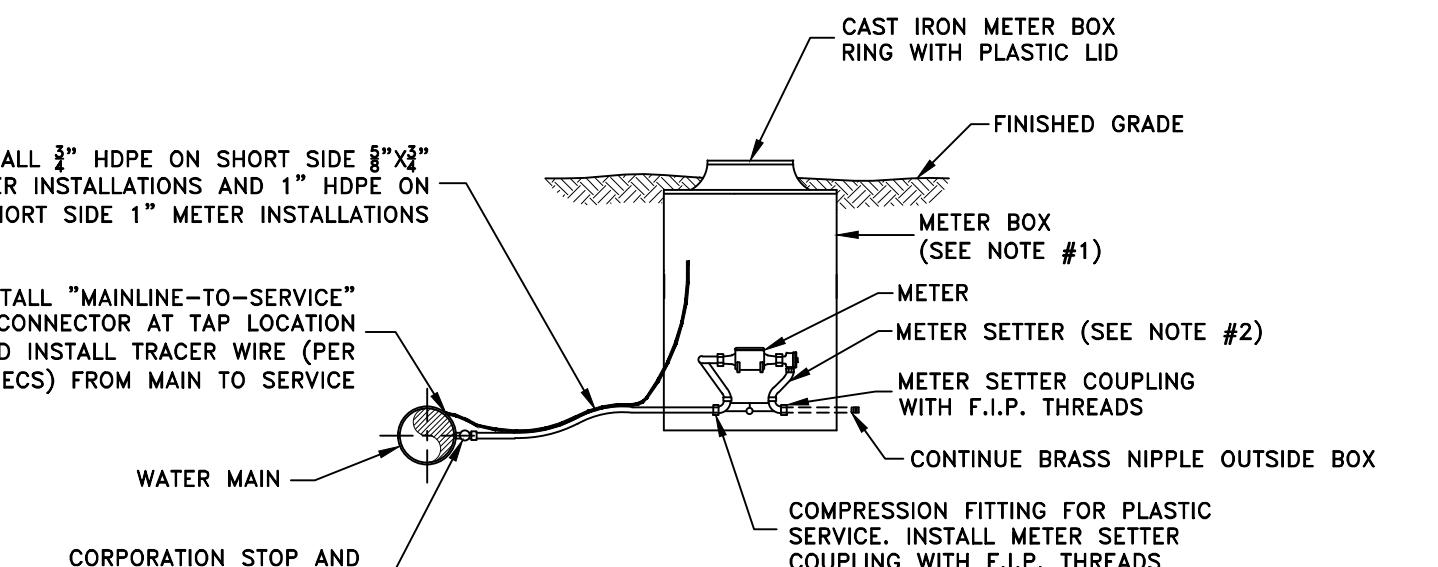
- 1) CREEK CROSSING AS SHOWN SHALL BE CONSTRUCTED ACROSS ALL MAJOR STREAMS AS INSTRUCTED BY ENGINEER.
- 2) CONSTRUCTION OF FITTINGS AND ANCHORS SHALL BE SYMMETRICAL ON EACH SIDE.
- 3) GATE VALVES ARE REQUIRED ON EACH SIDE OF THE CREEK CROSSING.
- 4) FOR CHANNELS GREATER THAN 15' IN WIDTH, A LEAK DETECTION STATION SHALL BE INSTALLED ON ONE SIDE OF THE STREAM (PER WSB LEAK DETECTION DETAIL). PLACEMENT TO BE DETERMINED BY WSB.



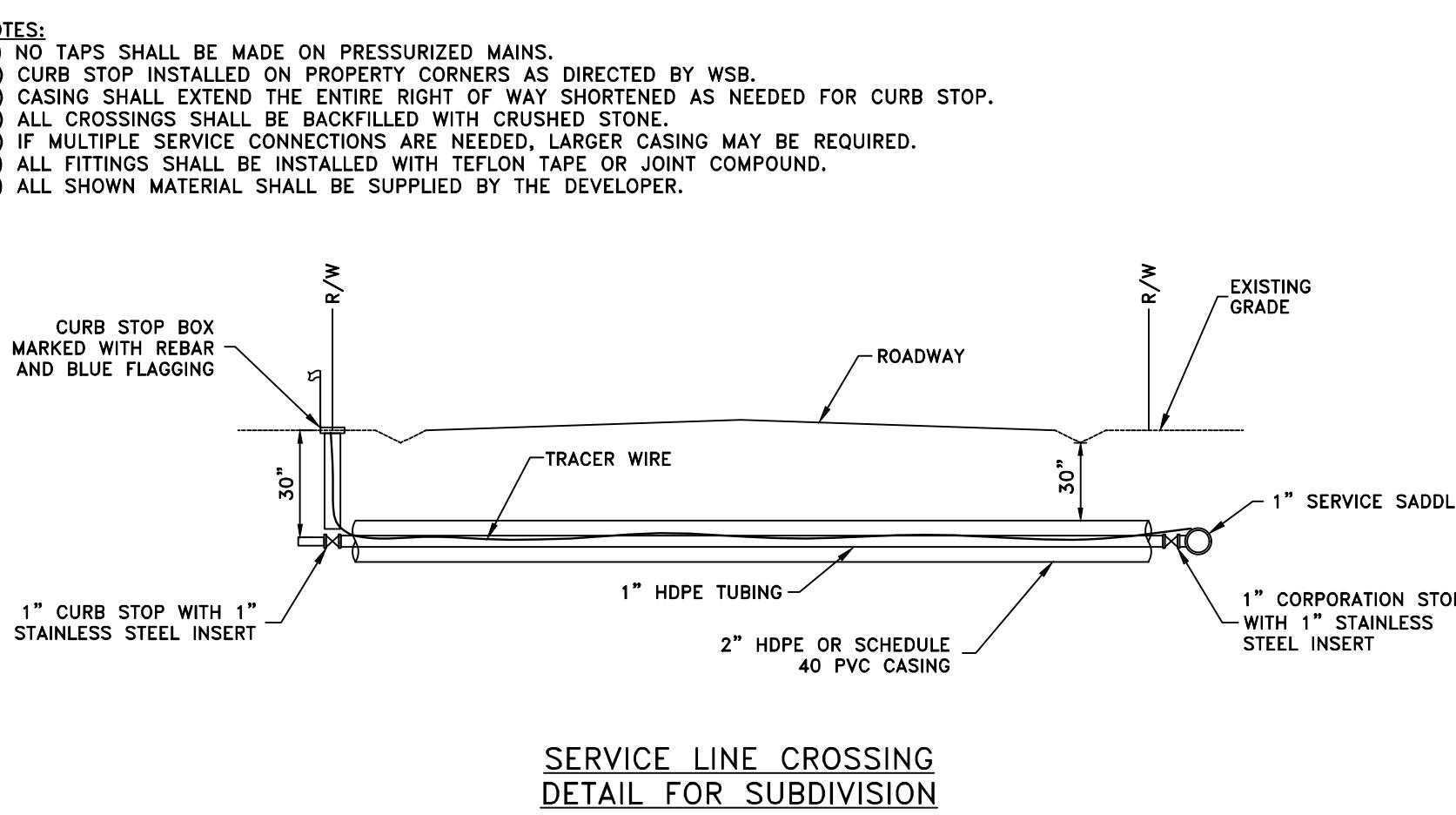
## YU TY PICAL CREEK CROSSING



**TES:**  
ALL  $\frac{5}{8}'' \times 3''$  METERS SHALL BE HOUSED IN AN 18" METER BOX. ALL 1" METERS SHALL BE HOUSED IN A 20" METER BOX.  
FOR METER ASSEMBLIES REQUIRING PRESSURE REGULATORS, A TANDEM METER SETTER WILL BE REQUIRED. REFER TO STANDARD SPECIFICATIONS FOR REGULATOR AND TANDEM SETTER MODEL NUMBERS.  
ON ROAD CROSSING SERVICE CONNECTIONS, REFER TO "LONG SIDE" SERVICE DETAIL.

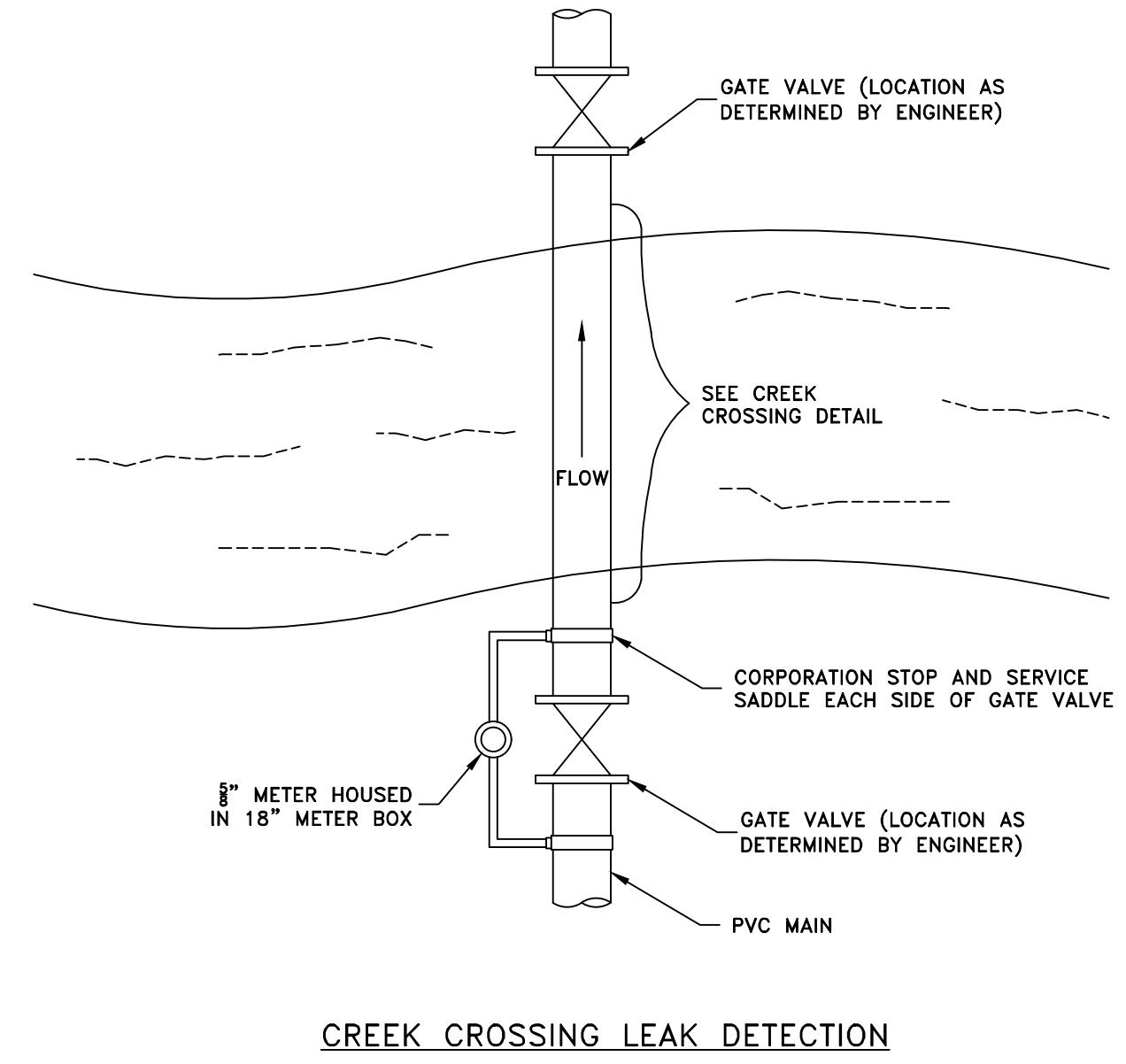


YPICAL METER SETTING FOR  
"SHORT SIDE"  
3" & 1" SERVICES

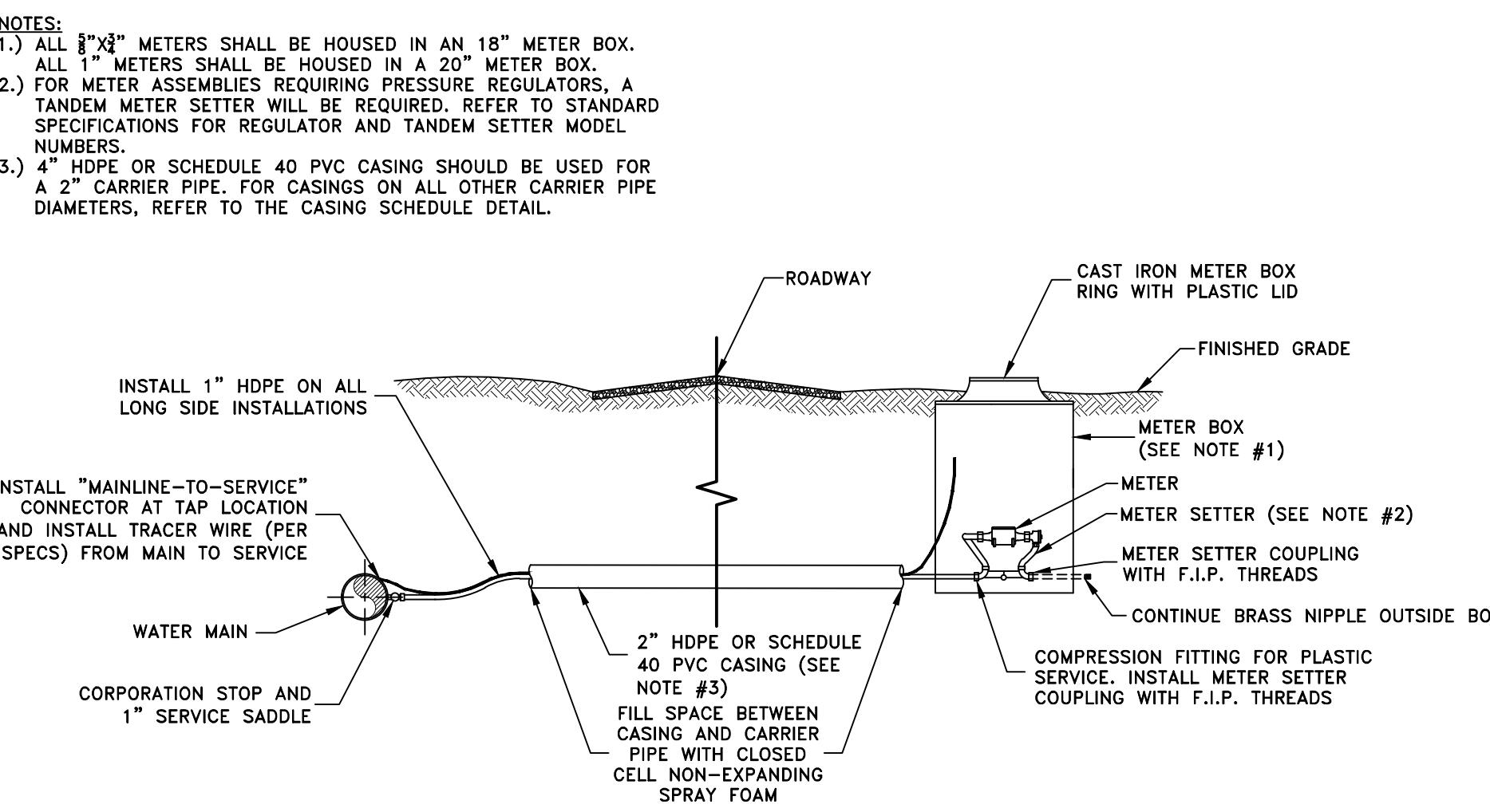


**NOTES:**

- 1.) NO TAPS SHALL BE MADE ON PRESSURIZED MAINS.
- 2.) CURB STOP INSTALLED ON PROPERTY CORNERS AS DIRECTED BY WSB.
- 3.) CASING SHALL EXTEND THE ENTIRE RIGHT OF WAY SHORTENED AS NEEDED FOR CURB STOP.
- 4.) ALL CROSSINGS SHALL BE BACKFILLED WITH CRUSHED STONE.
- 5.) IF MULTIPLE SERVICE CONNECTIONS ARE NEEDED, LARGER CASING MAY BE REQUIRED.
- 6.) ALL FITTINGS SHALL BE INSTALLED WITH TEFLON TAPE OR JOINT COMPOUND.
- 6.) ALL SHOWN MATERIAL SHALL BE SUPPLIED BY THE DEVELOPER.



## CREEK CROSSING LEAK DETECTION



TYPICAL METER SETTING FOR  
"LONG SIDE"  
3" & 1" SERVICES