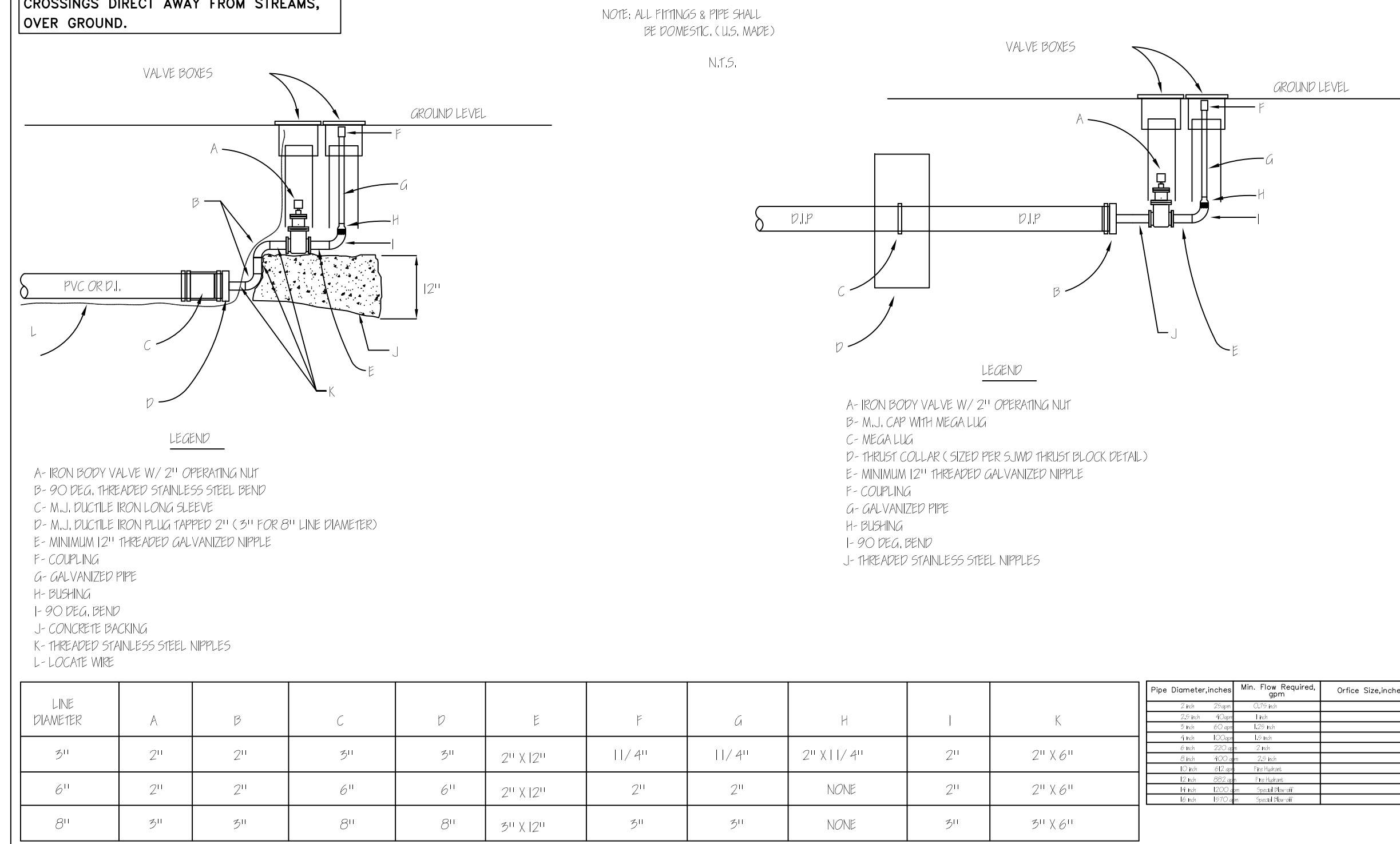


NOTE: BLOW-OFFS SHALL NOT BE DIRECTED TOWARDS ROADS OR SO THAT THE WATER WILL FLOW INTO CREEKS, ETC. AT STREAM CROSSINGS DIRECT AWAY FROM STREAMS, OVER GROUND.

BLOW-OFF ASSEMBLY

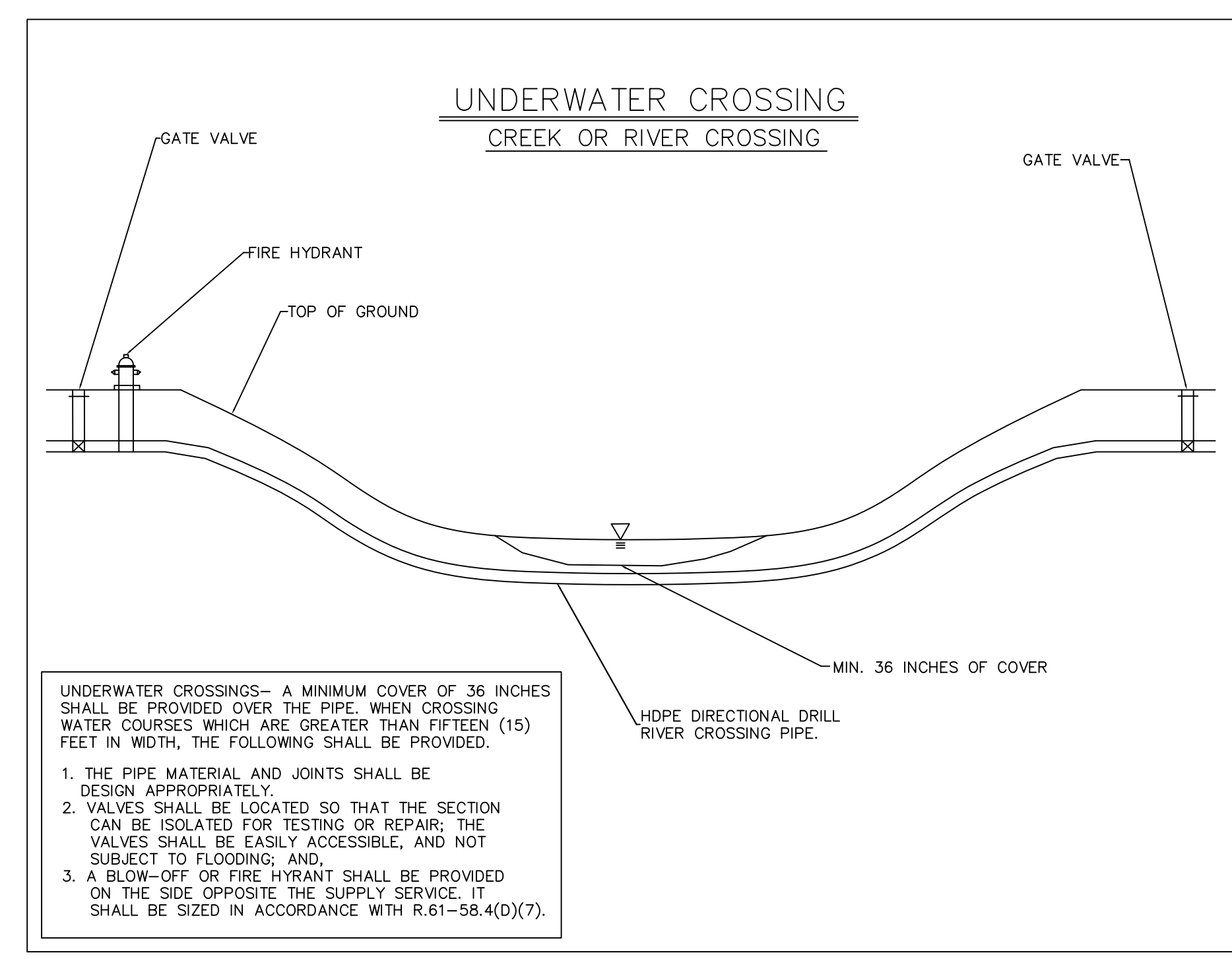
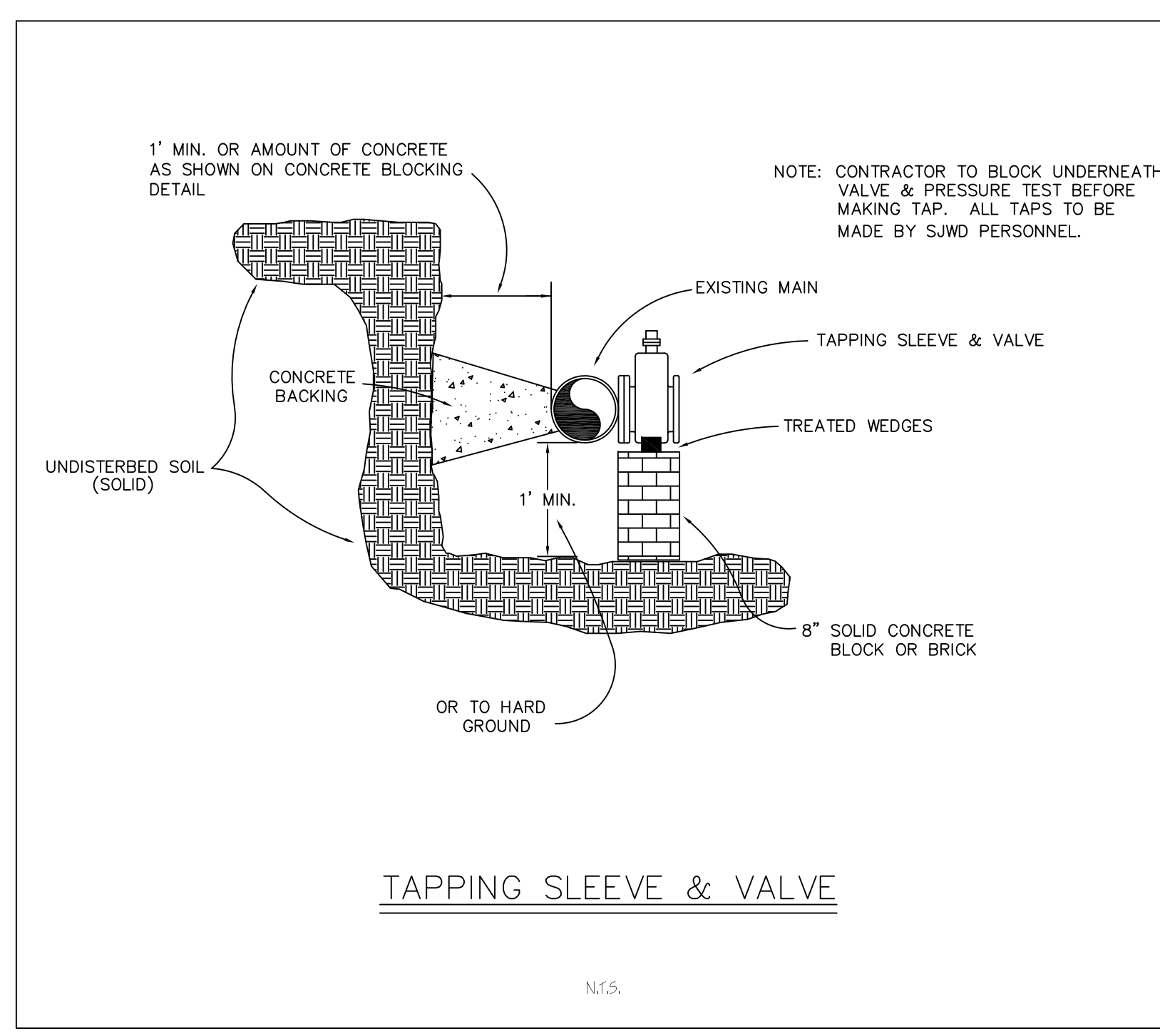
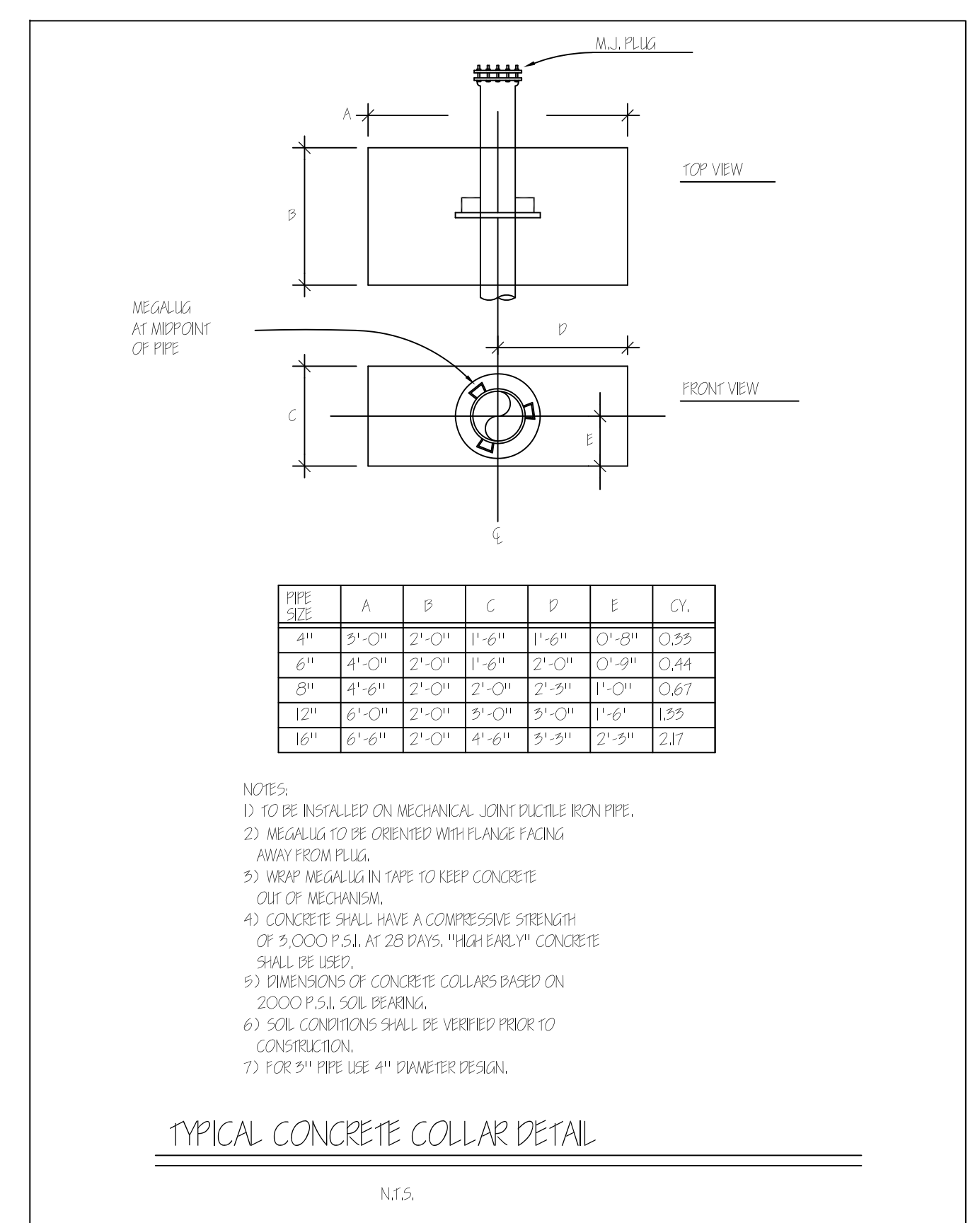
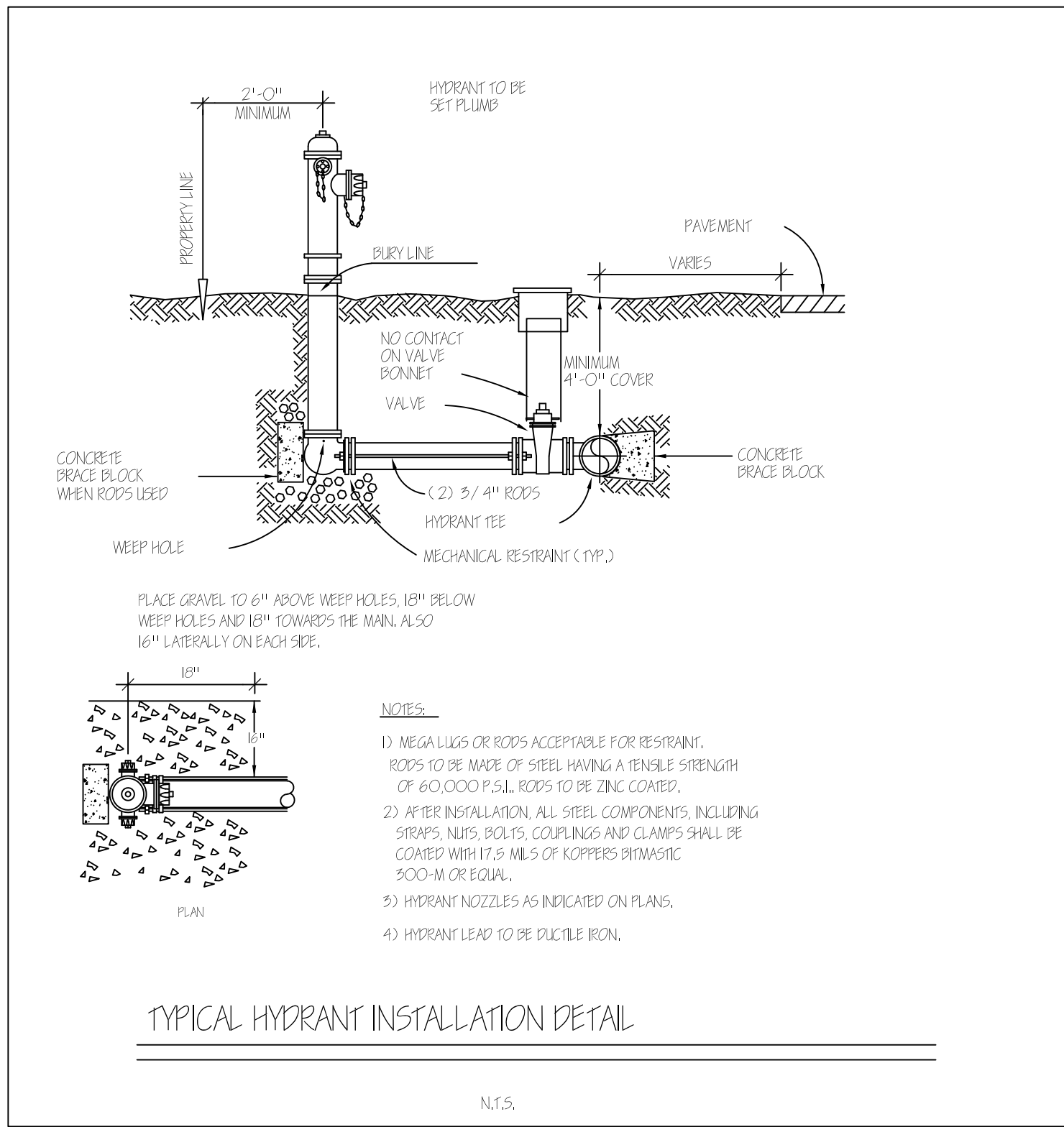


NOTE: SOIL CONDITIONS SHALL BE VERIFIED BY S.J.W.D. WATER DISTRICT INSPECTOR BEFORE DESIGN IS IMPLEMENTED.

DESIGN DATA:
 • DIMENSIONS OF THRUST BLOCK IN FEET BASED ON 2000 POUNDS PER SQUARE FOOT SOIL BEARING PRESSURE AND 200 POUNDS PER SQUARE INCH TEST PRESSURE ACTUAL INSIDE DIAMETER OF DUCTILE IRON PIPE, CLASS 51 USED AS STANDARD.
 • CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. HIGH EARLY CONCRETE SHALL BE USED.

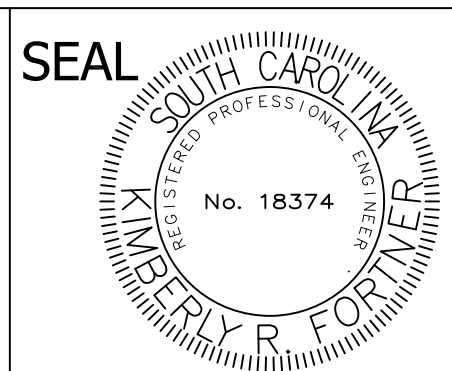
MINIMUM DIMENSIONS FOR CONCRETE BLOCKING

BEND SIZE	A	B	C	D	VOLUME CY	
11 1/4"	6"	1'-0"	2'-0"	4"	1'-0"	0.05
	8"	1'-0"	2'-0"	5"	1'-0"	0.05
	10"	1'-0"	2'-0"	6"	1'-0"	0.05
	12"	1'-0"	2'-0"	7"	1'-0"	0.05
	14"	2'-0"	2'-0"	11"	1'-6"	0.16
22 1/2"	16"	1'-0"	2'-0"	1'-3"	2'-0"	0.22
	20"	2'-0"	4'-0"	1'-3"	2'-0"	0.32
	24"	2'-0"	3'-0"	1'-6"	3'-0"	0.50
	6"	1'-0"	2'-0"	6"	1'-0"	0.05
	8"	1'-0"	2'-0"	8"	1'-0"	0.08
45'	10"	1'-0"	2'-0"	10"	2'-0"	0.11
	12"	2'-0"	4'-0"	11"	3'-0"	0.29
	14"	2'-0"	4'-0"	11"	3'-0"	0.37
	16"	3'-0"	4'-0"	1'-3"	3'-0"	0.58
	20"	3'-0"	4'-6"	1'-6"	4'-0"	1.33
90°	6"	1'-0"	2'-0"	6"	1'-0"	0.05
	8"	1'-0"	2'-0"	7"	2'-0"	0.10
	10"	2'-0"	3'-0"	9"	2'-0"	0.28
	12"	2'-0"	3'-0"	9"	2'-0"	0.28
	14"	3'-0"	4'-0"	1'-6"	3'-0"	0.72
TEES & PLUGS	16"	4'-0"	6'-0"	2'-2"	4'-9"	2.84
	20"	4'-0"	6'-0"	2'-6"	4'-9"	3.21
	24"	4'-0"	8'-0"	3'-4"	8'-0"	8.40
	6"	1'-0"	2'-0"	10"	1'-6"	0.08
	8"	1'-0"	2'-6"	1'-1"	2'-0"	0.23



DATE	REVISIONS & RECORDS OF ISSUE	BY	CH	AP	DRAWN	B. EUBANKS
					CHECKED	
					APPROVED	
					DATE	1/13/2022

SJWD WATER DISTRICT
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STANDARD DETAILS