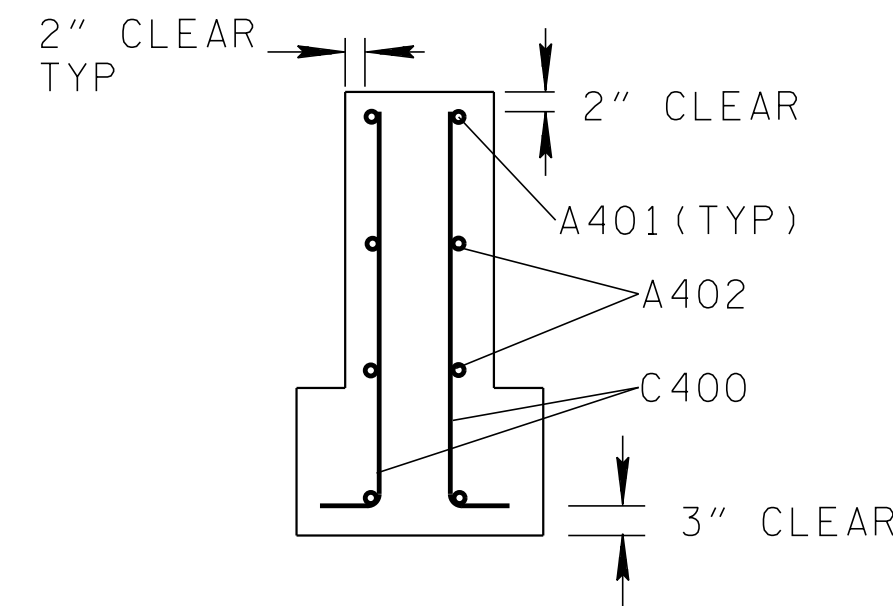
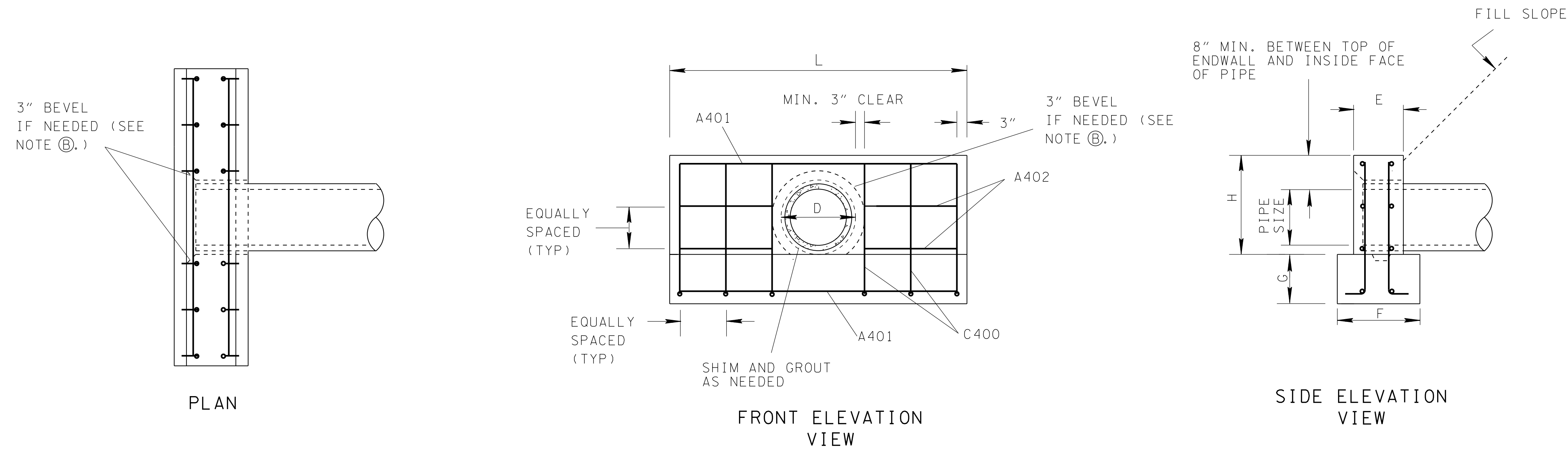


STRAIGHT TYPE CONCRETE ENDWALL



REINFORCEMENT DETAILS

REINFORCING STEEL LEGEND	
a	A400
b	C400

DIMENSIONS AND ESTIMATED QUANTITIES FOR STRAIGHT CONCRETE ENDWALL								
PIPE SIZE	HOLE SIZE	WALL			FOOTING		CONC. C.Y.	REINF. STEEL LB
		L	H	E	F	G		
18"	26"	6'-0"	2'-8"	1'-3"	2'-1"	1'-3"	1.0	45
24"	33"	8'-0"	3'-3"	1'-4"	2'-2"	1'-4"	1.5	70
30"	40"	10'-0"	3'-10"	1'-6"	2'-4"	1'-6"	2.0	93

BILL OF STEEL												
	18" PIPE				24" PIPE				30" PIPE			
BAR	a	b	LENGTH	NUMBER	a	b	LENGTH	NUMBER	a	b	LENGTH	NUMBER
A401	66	0	66	4	90	0	90	4	114	0	114	4
C400	42	6	48	8	50	6	56	12	59	6	65	12
A402	18.5	0	18.5	8	27	0	27	8	35.5	0	35.5	12
	TOTAL 796 in				TOTAL 1248 in				TOTAL 1662 in			
	LB 45				LB 70				LB 93			