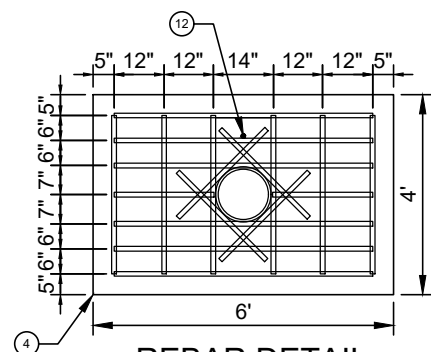
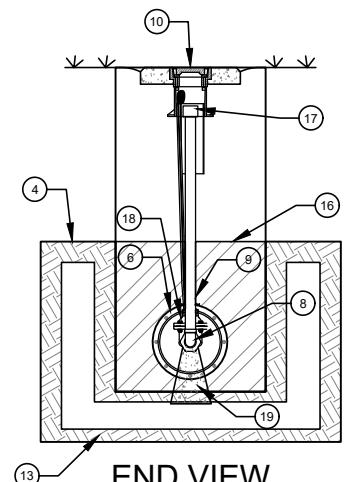
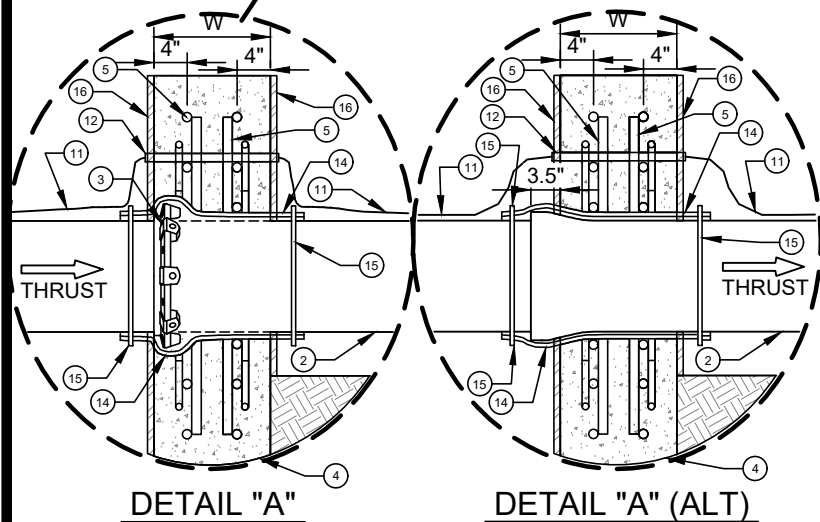




REBAR DETAIL



END VIEW



DETAIL "A" (ALT)

REBAR DIAMETER SCHEDULE				
PIPE DIAMETER	BAR SIZE	TOTAL REBAR LENGTH (FT)	TOTAL REBAR WEIGHT (LB) ONE MAT	TOTAL REBAR WEIGHT (LB) TWO MATS
6"	#5	64	67	134
8"	#5	64	67	134
10"	#5	64	67	134
12"	#5	64	67	134

APPROXIMATE SOIL BEARING CAPACITY (DIPRA)

SOIL TYPE	BEARING LOAD (LB/SQ FT)	DESIGN POINT @ (PIPE DIAMETER)
HARD CLAY	9,000	
	8,000	
SANDY CLAY	7,000	
	6,000	
SAND	5,000	
	4,000	
SANDY SILT	3,000	
	2,000	
SILT	1,750	11" (1,825)
	1,500	
SOFT CLAY	1,250	10" (1,290)
	1,000	
MUCK	750	8" (858)
	500	6" (499)
	250	
	0	

- A. WHEN DIRECTED BY THE ENGINEER, THE CONCRETE WALL BLOCK SIZE MAY BE ADJUSTED, BASED ON ACTUAL SOIL CLASSIFICATION AND PIPE DIAMETER.
- B. FULLY RESTRAINED JOINT PIPE MAY BE USED IN LIEU OF THIS DETAIL AS CALCULATED BY ENGINEER. LENGTH OF RESTRAINT SHALL BE BASED UPON ACTUAL SOIL CONDITIONS. LENGTH OF RESTRAINT SHALL BE CALLED OUT ON PLANS - SEE RESTRAINED JOINT PIPE DETAILS.
- C. ALTERNATE DETAIL "A" (USING A REVERSED BELL) MAY BE USED IN LIEU OF DETAIL "A".