



FRONT ELEVATION

END ELEVATION

NOTE:

WHEN DITCH PAVING IS SPECIFIED RECESS SURFACE OF FOOTING TO ACCOMMODATE THICKNESS OF DITCH PAVING.

DIMENSIONS							QUANTITIES ONE ENDWALL				CONC IN WALL & FT'G FOR EACH ADD'L LINE
OPENING		WALL			FOOTING		CLASS "B" CONCRETE				
D	AREA SQ FT	G *	H	B	E	F	CUBIC FT		TOTAL		
							WALL	FOOT	CU FT	CU YD	
12"	0.8	4'-0"	2'-0"	1'-2"	1'-10"	1'-0"	7.2	7.3	14.5	0.54	0.25
15"	1.2	5'-0"	2'-3"	1'-2"	1'-10"	1'-2"	9.9	10.7	20.6	0.76	0.32
18"	1.8	6'-0"	2'-6"	1'-3"	1'-11"	1'-3"	13.6	14.4	28.0	1.04	0.38
24"	3.1	8'-0"	3'-0"	1'-4"	2'-0"	1'-4"	22.3	21.3	43.6	1.62	0.52
30"	4.9	10'-0"	3'-6"	1'-6"	2'-2"	1'-6"	34.7	32.5	67.2	2.49	0.73
36"	7.1	12'-0"	4'-0"	1'-8"	2'-4"	1'-8"	50.5	46.7	97.2	3.60	0.97
42"	9.6	14'-0"	4'-6"	1'-10"	2'-6"	2'-0"	70.3	70.0	140.3	5.20	1.33
48"	12.6	16'-0"	5'-0"	2'-1"	2'-9"	2'-0"	96.9	88.0	184.9	6.85	1.64
54"	16.0	18'-0"	5'-6"	2'-4"	3'-0"	2'-0"	129.4	108.0	237.4	8.79	1.96
60"	19.6	20'-0"	6'-0"	2'-6"	3'-2"	2'-0"	164.6	126.7	291.3	10.79	2.23

NOTE:

* FOR EACH ADDITIONAL PIPE LINE, 12" TO 30", ADD 1'-6" + I.D., 30" AND ABOVE ADD 2'-0" + I.D.

STANDARD CONSTRUCTION
DETAILS



CONCRETE HEADWALL STRAIGHT TYPE

PLATE NUMBER:

APPROVED:

John M. Lester
CITY ENGINEER

SCALE:

N.T.S.

DATED:

FEBRUARY 2019

D10