

REINFORCING SCHEDULE

12" - 30" DIAMETER

4 X 4 DROP INLET W / 8" WALLS

DEPTH	• G	LENGTH	• H	LENGTH	• J	LENGTH
3'-0	15	2'-8	11	3'-8	10	3'-8
3'-6	15	3'-2	11	3'-8	10	3'-8
4'-0	15	3'-8	13	3'-8	12	3'-8
4'-6	15	4'-2	13	3'-8	12	3'-8
5'-0	15	4'-8	15	3'-8	14	3'-8
5'-6	15	5'-2	15	3'-8	14	3'-8
6'-0	15	5'-8	17	3'-8	16	3'-8
6'-6	15	6'-2	17	3'-8	16	3'-8
7'-0	15	6'-8	19	3'-8	18	3'-8
7'-6	15	7'-2	19	3'-8	18	3'-8
8'-0	15	7'-8	21	3'-8	20	3'-8
8'-6	15	8'-2	21	3'-8	20	3'-8
9'-0	15	8'-8	23	3'-8	22	3'-8
9'-6	15	9'-2	23	3'-8	22	3'-8

MINIMUM DEPTH FOR 18" DIA
MINIMUM DEPTH FOR 24" DIA
MINIMUM DEPTH FOR 30" DIA

REINFORCING SCHEDULE

36" - 54" DIAMETER

4 X 6 DROP INLET W / 8" WALLS

DEPTH	• G	LENGTH	• H	LENGTH	• J	LENGTH
5'-0	17	4'-8	15	3'-8	14	5'-8
5'-6	17	5'-2	15	3'-8	14	5'-8
6'-0	17	5'-8	17	3'-8	16	5'-8
6'-6	17	6'-2	17	3'-8	16	5'-8
7'-0	17	6'-8	19	3'-8	18	5'-8
7'-6	17	7'-2	19	3'-8	18	5'-8
8'-0	17	7'-8	21	3'-8	20	5'-8
8'-6	17	8'-2	21	3'-8	20	5'-8
9'-0	17	8'-8	23	3'-8	22	5'-8
9'-6	17	9'-2	23	3'-8	22	5'-8

MINIMUM DEPTH FOR 36" DIA
MINIMUM DEPTH FOR 48" DIA
MINIMUM DEPTH FOR 54" DIA

BRICKS ARE INCLUDED IN CONCRETE QUANTITIES IN CHART.

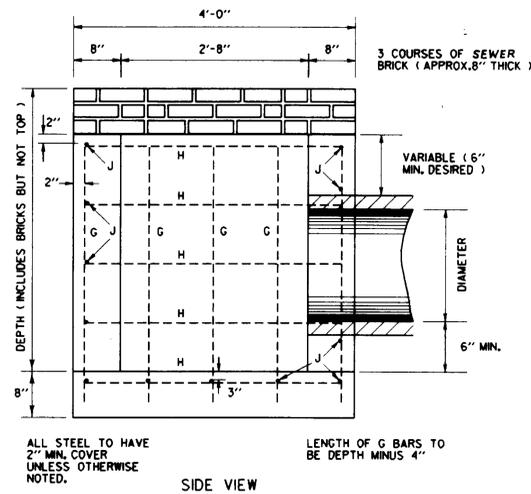
TO FIND VOLUME OF CONCRETE, FOR THE ENTIRE STRUCTURE, ADD THE VOLUME FOR THE TOP USED, TO THE VOLUME IN THIS TABLE, FOR VOLUME IN TOP, SEE SHEETS D-9, D-10.

ALL REINFORCING STEEL TO BE NO. 5 Ø DEFORMED BARS GRADE 40, EVENLY SPACED, WITH A MAXIMUM SPACING OF 12" CENTER TO CENTER.

DROP INLET TO BE CONSTRUCTED IN ACCORDANCE WITH STRUCTURAL CONCRETE, SECTION 501.

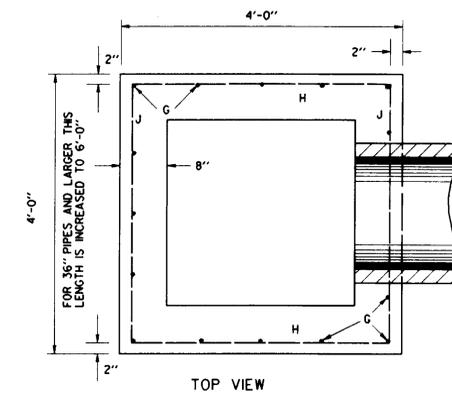
FURNISHING AND LAYING OF BRICKS FOR ADJUSTING ELEVATION OF GRATE, SHALL BE INCLUDED AS CONCRETE, CLASS B, PAY ITEM 501.25, AND THEIR VOLUME TO BE INCLUDED IN THE FINAL QUANTITIES.

MORTAR, TYPE II, TO BE USED FOR JOINT FILLER AND LAYING OF BRICK.



REINFORCED CONCRETE DROP INLET WITH GRATE (BOTTOM SECTION)

SEE STANDARD SHEETS D-9, D-10, D-11, AND D-16 FOR TOP SECTION.



CONCRETE AND REINFORCING STEEL QUANTITIES FOR DROP INLETS W / 8" WALLS
(BOTTOM SECTION ONLY)

BRICKS ARE INCLUDED IN CONCRETE QUANTITY IN CHART

DEPTH	4 X 4				4 X 6							
	12" - 24"		30"		36"		42"		48"		54"	
	CONC	STEEL	CONC	STEEL	CONC	STEEL	CONC	STEEL	CONC	STEEL	CONC	STEEL
	CY	LB	CY	LB	CY	LB	CY	LB	CY	LB	CY	LB
3'-0	1.38	122										
3'-6	1.55	130										
4'-0	1.71	153										
4'-6	1.88	161	1.76	161								
5'-0	2.04	184	1.92	184	2.55	223						
5'-6	2.21	192	2.09	192	2.77	232	2.71	232				
6'-0	2.37	215	2.25	215	2.98	260	2.92	260	2.85	260		
6'-6	2.53	223	2.41	223	3.19	269	3.13	269	3.06	269	2.98	269
7'-0	2.70	246	2.58	246	3.41	297	3.35	297	3.28	297	3.20	297
7'-6	2.86	254	2.74	254	3.62	306	3.56	306	3.49	306	3.41	306
8'-0	3.03	277	2.91	277	3.84	335	3.78	335	3.71	335	3.63	335
8'-6	3.19	285	3.07	285	4.05	344	3.99	344	3.92	344	3.84	344
9'-0	3.36	308	3.24	308	4.26	372	4.20	372	4.13	372	4.05	372
9'-6	3.52	316	3.40	316	4.48	381	4.42	381	4.35	381	4.27	381

BUILT AS DESIGNED 4/19/94

FOR PIPES OF 30" OR MORE IN DIAMETER, AN ALLOWANCE SHALL BE MADE FOR THE OPENING IN COMPUTING CONCRETE VOLUMES. THIS DEDUCTION WILL BE BASED ON THE RATED DIAMETER OF THE PIPE USED, WITH THE SAME DEDUCTION FOR ALL TYPES OF PIPE. THE ABOVE CONCRETE QUANTITIES INCLUDE THE DEDUCTION FOR ONE PIPE

ALLOWANCES

30" DIA = .12 CY 36" DIA = .18 CY 42" DIA = .24 CY 48" DIA = .31 CY 54" DIA = .39 CY

8" WALL REINFORCED CONCRETE DROP INLET

VERMONT ROUTE 289 (F.A.P.)

PROJ. NO.
WILLISTON - COLCHESTER PB 033 - 1(2)
SHEET 165 OF 400
DATE 6/88