

DIMENSIONS AND ESTIMATE OF QUANTITIES (PIPE CHAMBER)

INLET SIZE 4			PIPE		Z 1	CONCRETE	
NO. 6	X	Y	MAX. DIA.	LOCA- TION		CU. YDS. 1 2	Q 3
1	2'-0"	2'-0"	12"	X OR Y	2'-2"	0.9	0.3
2	3'-0"		1.1				
3	2'-0"		15"		2'-5"	0.9	
4	3'-0"				1.2		
5	2'-0"		18"		2'-9"	1.0	
6	3'-0"				1.3		
7	2'-0"	2'-6"	21"	Y	3'-0"	1.2	
8	2'-6"	2'-0"		X		1.4	
9		2'-6"		X OR Y			
10	2'-0"	X		1.5			
11	3'-0"	2'-6"	X OR Y				
12	2'-0"	24"	Y	3'-3"	1.3		
13	2'-6"		X				
14	2'-6"		X OR Y			1.5	
15	3'-0"		X			1.4	
16	3'-0"	2'-6"	X OR Y	1.6			
17	2'-0"	3'-0"	27"	Y	3'-6"	1.5	
18	2'-6"			X		1.7	
19	3'-0"			2'-0"		X	1.5
20				2'-6"			1.7
21	3'-0"	3'-0"	X OR Y	1.9	0.4		
22	2'-0"	30"	Y	4'-1"	2.1	0.3	
23	2'-6"				2.3	0.4	
24	3'-0"				1.8	0.3	
25	3'-6"				2'-0"	X	3'-10"
26		2'-6"	2.2				
27		3'-0"	X OR Y	4'-1"	2.5		
28	2'-0"	3'-6"	33"	Y	4'-4"	2.0	0.3
29	2'-6"					2.2	0.4
30	3'-0"					2.4	
31	3'-0"					2'-0"	X
32	3'-6"	2'-6"	2.1				
33		3'-0"	2.3				
34		3'-6"	2.6				
35		3'-6"	X OR Y	4'-4"	2.6		
36	2'-0"	4'-0"	36"	Y	4'-7"	2.2	0.4
37	2'-6"					2.5	
38	3'-0"					2.7	
39	3'-6"					2.9	
40	4'-0"	2'-0"	X	4'-4"	2.1	2.9	
41		2'-6"			2.4		
42		3'-0"			2.6		
43		3'-6"			2.9		
44	4'-0"	4'-0"	X OR Y	4'-7"	3.2	0.5	
45	2'-0"	4'-6"	42"	Y	5'-2"	2.6	0.4
46	2'-6"					2.9	
47	3'-0"					3.2	

INLET SIZE (4)			PIPE		Z (1)	CONCRETE	
NO. (6)	X	Y	MAX. DIA.	LOCA- TION		CU. YDS. (1)(2)	Q (3)
48	3'-6"	4'-6"	42"	Y	5'-2"	3.4	0.5
49	4'-0"					3.7	
50	4'-6"	2'-0"		X	4'-11"	2.5	0.4
51		2'-6"				2.8	
52		3'-0"				3.0	
53		3'-6"			3.4	0.5	
54		4'-0"		5'-2"	3.5		
55		4'-6"		X OR Y	3.9		
56		2'-0"		5'-0"	48"	Y	5'-8"
57	2'-6"	3.3					
58	3'-0"	3.6	0.5				
59	3'-6"	3.9					
60	4'-0"	4.2					
61	4'-6"	4.5					
62	5'-0"	2'-0"	X			5'-5"	2.9
63		2'-6"		3.2			
64		3'-0"		3.5			0.5
65		3'-6"		5'-8"	3.9		
66		4'-0"	4.2				
67		4'-6"	4.5				
68		5'-0"		X OR Y		4.7	0.6

~ NOTES ~

1. BASED ON "Z" AS EQUAL TO D+t+12" WHEN "Y" DIMENSION IS LESS THAN 3'-6". BASED ON "Z" AS EQUAL TO D+t+15" WHEN "Y" DIMENSION IS 3'-6" OR GREATER.
2. SEE REFERENCE CHART FOR QUANTITIES TO DEDUCT FOR PIPE.
3. Q = CU. YDS. PER FT. INCREASE OR DECREASE WHEN "Z" VARIES.
4. SEE THE FOLLOWING CUR. STD. DWGS. FOR STEEL PATTERN AND DIMENSIONS:
CURB BOX INLET TYPE A - RDB-270 AND RDB-271
CURB BOX INLET TYPE B - RDB-280 AND RDB-281
5. SEE CUR. STD. DWGS. RDB-400 AND RDB-420 FOR REINFORCEMENT IN PIPE CHAMBER AND RISER WHEN "H" = 8'-0" OR GREATER.
6. INLETS ARE SHOWN ON PLANS AS CURB BOX INLET TYPE "A" OR CURB BOX INLET TYPE "B". FOLLOWING THIS ON THE PLANS ARE TWO NUMBERS AND A BOX HEIGHT. USE FIRST NUMBER WITH THIS CHART.

USE THIS DRAWING FOR BOTTOM
PHASE AND COMPLETE INLET
WITH C.B.I. A AND C.B.I. B.
USE WITH CUR. STD. DWG.

RDB-270	RDB-271	RDB-280
RDB-281	RDB-400	RDB-420

REFERENCE CHART

DIA. OF PIPE	C.B.I. TYPE A		C.B.I. TYPE B		CONCRETE TO DEDUCT FOR EACH PIPE
	PIPE ON "X" SIDE OF INLET	PIPE ON "Y" SIDE OF INLET	PIPE ON "X" SIDE OF INLET	PIPE ON "Y" SIDE OF INLET	
	CU. YDS.				
0	3'-0"	2'-0"	2'-0"	2'-0"	-
12"					0.1
15"-18"					
21"-24"		2'-6"	2'-6"	2'-6"	
27"		3'-0"	3'-0"	3'-0"	0.2
30"-33"	3'-6"	3'-6"	3'-6"	3'-6"	
36"	4'-0"	4'-0"	4'-0"	4'-0"	0.3
42"	4'-6"	4'-6"	4'-6"	4'-6"	0.4
48"	5'-0"	5'-0"	5'-0"	5'-0"	0.5