

ROUND PIPE			HORIZONTAL ELLIPTICAL PIPE		
Inside Diameter of Pipe (Inches)	Payline Width of Trench (Feet)	Pay Volume (cu ft per ft)	Inside Dimensions of Pipe (Inches)	Payline Width of Trench (Feet)	Pay Volume (cu ft per ft)
4	2.8	2.33			
6	2.8	2.33			
8	2.8	2.33			
10	2.8	2.33			
12	2.8	2.33			
15	3.2	2.67			
18	3.5	2.92	14 x 23	4.1	3.42
21	3.9	3.25			5.84
24	4.2	3.50			7.68
27	4.6	3.75	19 x 30	4.9	4.08
30	4.9	4.08			8.81
33	4.9	4.08	22 x 34	5.3	4.42
36	4.9	4.08			9.70
39	5.5	4.42	24 x 38	5.8	4.83
42	5.5	4.42			10.71
45	5.5	4.42	27 x 42	6.2	5.17
48	5.5	4.42			11.72
51	5.5	4.42	28 x 45	6.6	5.50
54	5.5	4.42			13.14
57	5.5	4.42	32 x 49	7.1	5.82
60	5.5	4.42			14.05
63	6.0	4.83	34 x 53	7.5	6.25
66	6.0	4.83			16.18
69	6.0	4.83	36 x 60	8.3	6.82
72	6.0	4.83			18.81
75	6.0	4.83	43 x 68	9.2	7.67
78	6.0	4.83			21.98
81	6.0	4.83	48 x 78	10.1	8.42
84	6.0	4.83			24.36
87	6.0	4.83	53 x 83	10.9	9.08
90	6.0	4.83			27.45
93	6.0	4.83	58 x 91	11.8	9.85
96	6.0	4.83			30.50
99	6.0	4.83	63 x 98	12.6	10.50
102	6.0	4.83			33.91
105	6.0	4.83	68 x 106	13.5	11.25
108	6.0	4.83			36.99
111	6.0	4.83	72 x 113	14.3	11.92
114	6.0	4.83			40.89
117	6.0	4.83	77 x 121	15.2	12.67
120	6.0	4.83			44.48
123	6.0	4.83	82 x 128	16.0	13.33
126	6.0	4.83			47.79
129	6.0	4.83	87 x 136	16.8	14.00
132	6.0	4.83			51.70
135	6.0	4.83	92 x 143	17.6	14.67
138	6.0	4.83			54.01
141	6.0	4.83	97 x 151	18.5	15.42
144	6.0	4.83			57.58

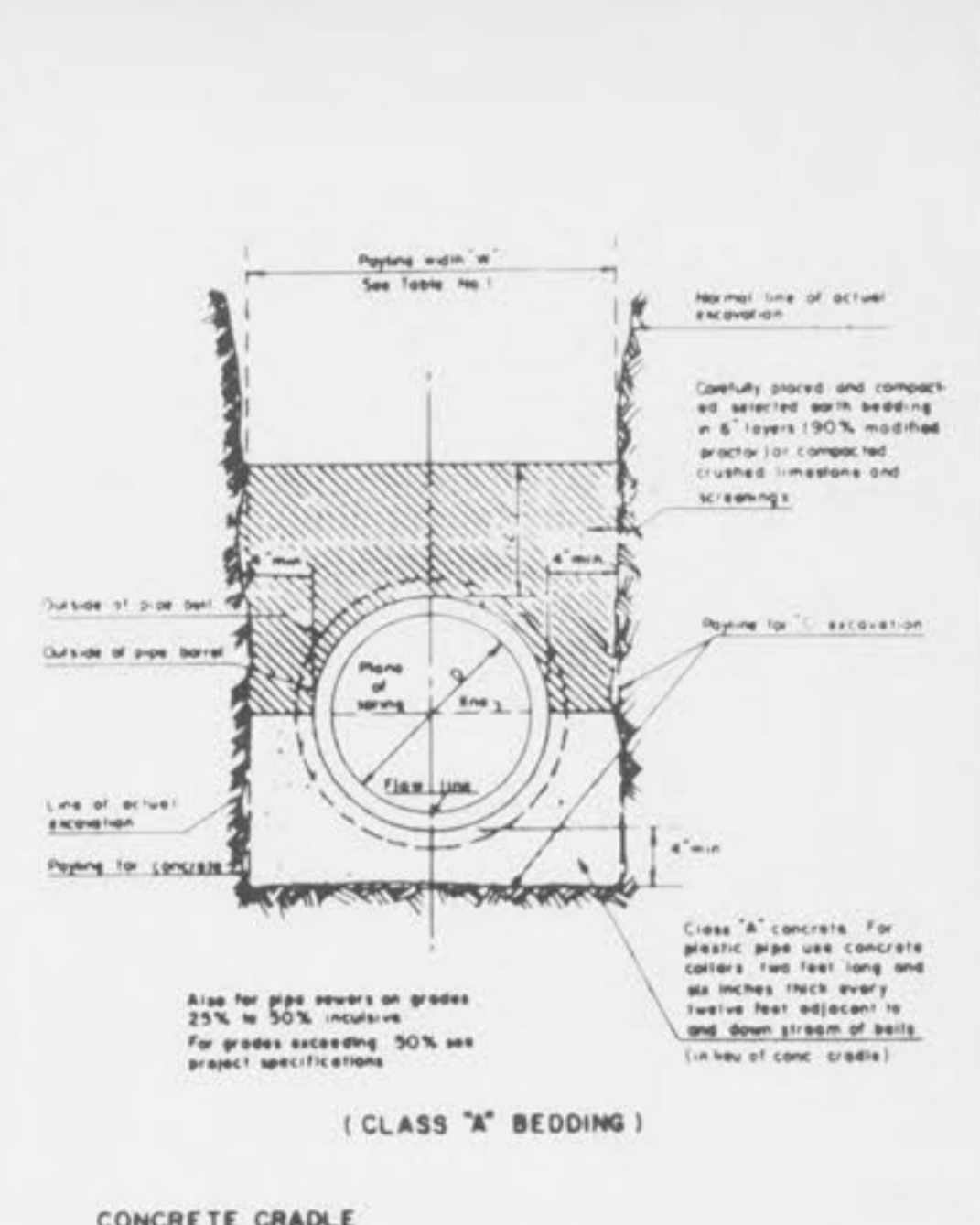
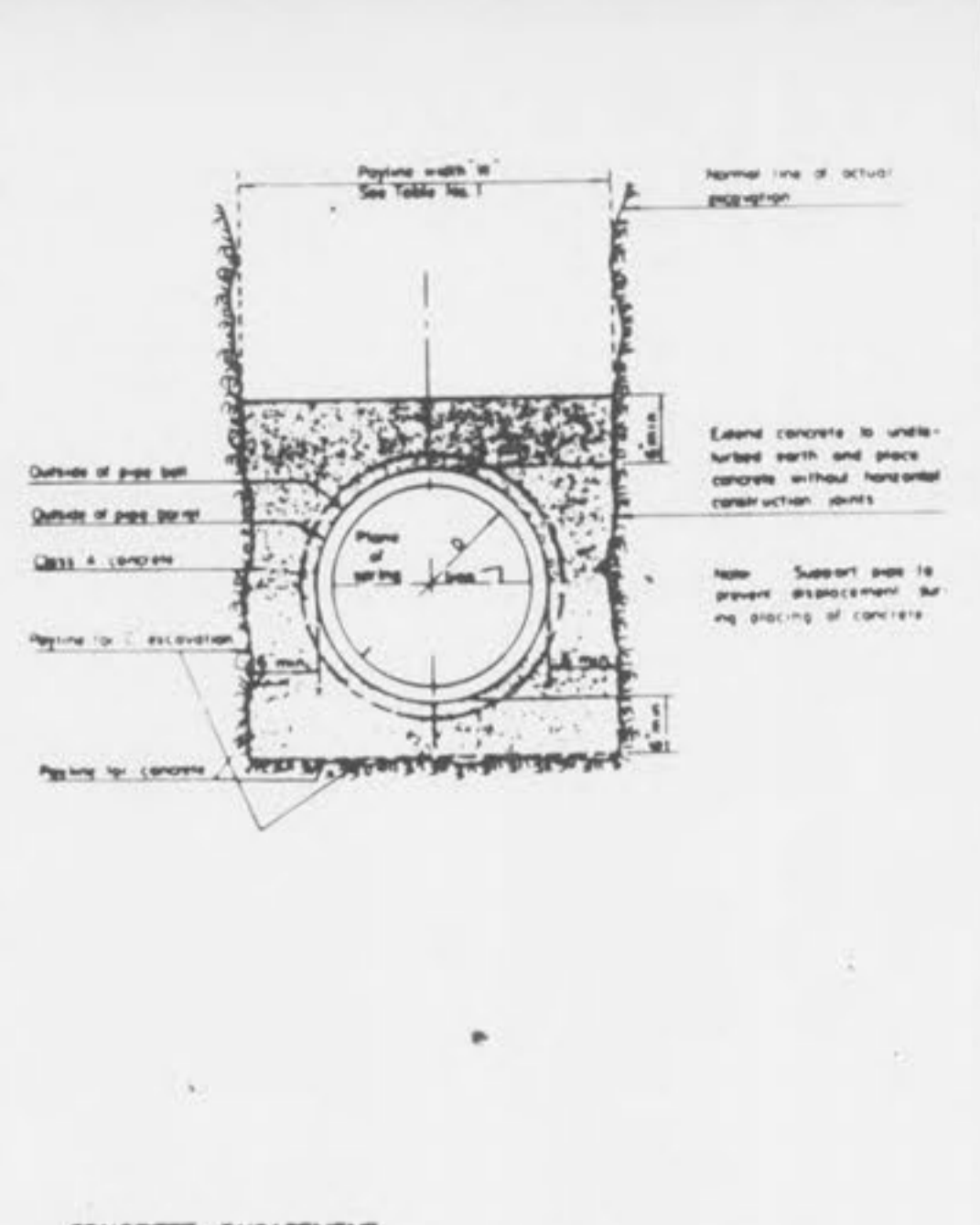
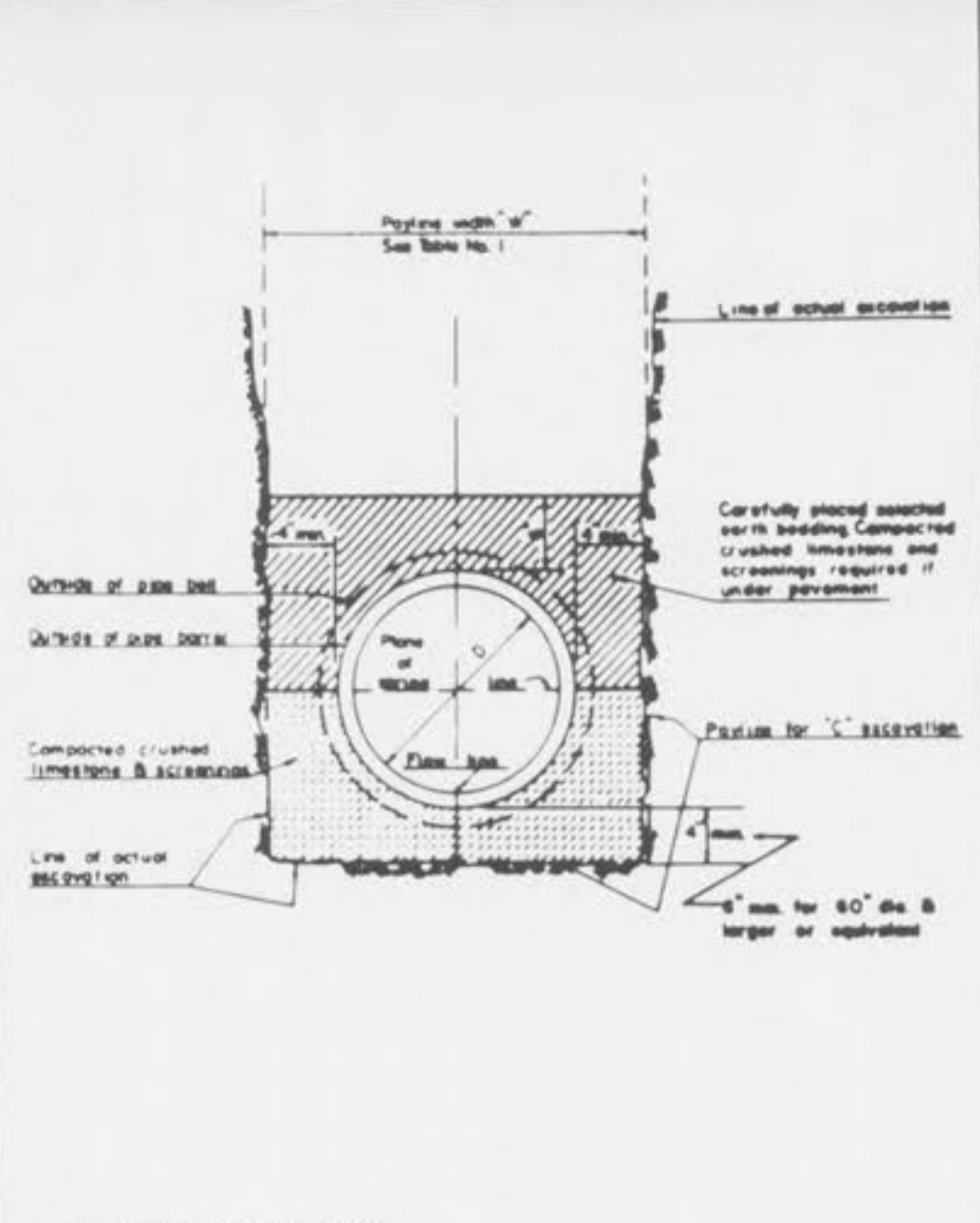
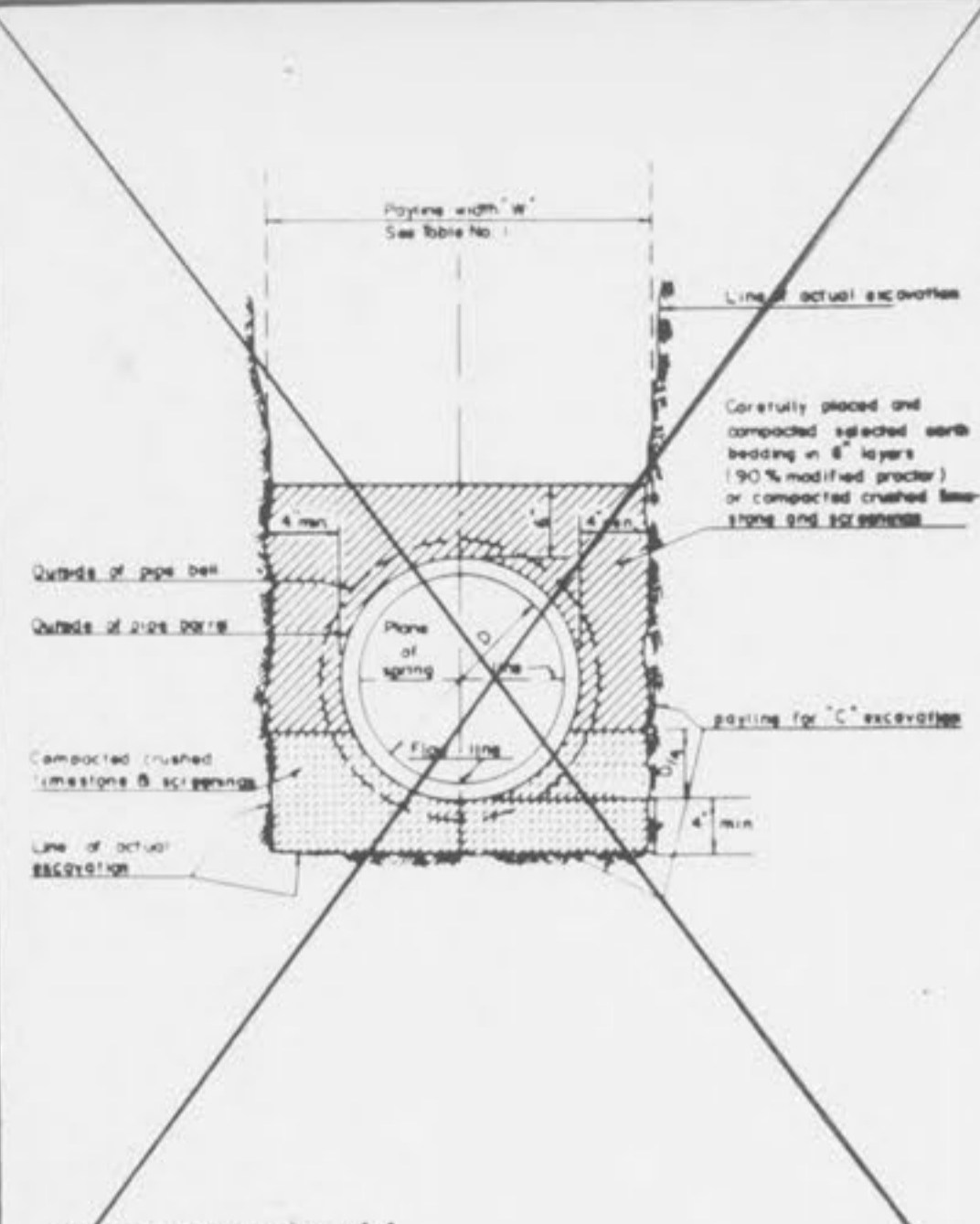


TABLE NO 2
 STANDARD MANHOLE DIMENSIONS

Section of Manhole	Dimension
Top Transition	Upper 2'-2 1/2" Dia Lower 3'-5" Dia
Bottom Section	8" thru 24" Dia Pipe 3'-6" Dia 4'-0"
Bottom Section	27" thru 36" Dia Pipe 4'-0" 3'-6" Square

TABLE NO 1
 PAYLINE WIDTHS OF TRENCH AND PAY-QUANTITIES OF CONCRETE

PIPE BEDDING CLASS 'C' (FOR ALL PIPE EXCEPT REINFORCED CONCRETE PIPE)

PIPE BEDDING CLASS 'C' (MODIFIED FOR REINFORCED CONCRETE PIPE)

CONCRETE ENCASUREMENT

CONCRETE CRADLE

TABLE NO 2
 STANDARD MANHOLE DIMENSIONS

