



DIMENSIONS OF BOX AND PIPE							REINFORCING			COVER			
PIPE	SPAN	WIDTH	WIDTH	SPAN	HEIGHT	HEIGHT	BARS-X	BARS-Y	TOTAL	DIMENSION			
D	A	B	C	G	MIN.	H1	NO.	LENGTH	NO.	LENGTH	LBS.	E	F
15'	3' 0"	2'	2'		2'	6"	2	3'4"	7	4'7"	26		
18'	3' 0"	2'	2'		2'	10"	2	3'9"	8	5'1"	33		
24'	3' 0"	2'	2'		3'	4"	2	3'9"	8	5'1"	33		
30'	3' 0"	2'	2'	3'	3'	2"	2	4'7"	9	5'1"	37	1' 10"	4' 4"
36'	3' 0"	2'	2'	3'	3'	8"	2	4'7"	9	5'1"	37	2' 4"	4' 4"
42'	3' 0"	2'	2'		4'	5'	2	4'7"	9	5'1"	37	2' 1"	3' 6"
48'	3' 0"	2'	2'		5'	0'	2	5'1"	10	5'7"	45	2' 8"	3' 6"
54'	3' 0"	2'	2'		5'	7'	2					3' 3"	3' 6"

GENERAL NOTES

1. MORTAR JOINTS 1/2" THICK + 1/8
2. ALL CONCRETE TO BE 3000 PSI
3. THE POURING OF FLOOR SLAB TO BE ACCOMPLISHED BY FORMING.
4. ALL CATCH BASINS OVER 3'6" IN DEPTH SHALL BE PROVIDED WITH STEPS 16" ON CENTERS.
5. CONCRETE BRICK MAY BE USED IN LIEU OF CLAY BRICK. JUMBO BRICK WILL BE PERMITTED.
6. FOR 8'-0" IN HEIGHT OR LESS USE 8" WALL. OVER 8'-0" IN HEIGHT USE 12" WALL TO 6'-0" FROM TOP OF WALL, AND 8" WALL FOR THE REMAINING 6'-0".
7. FRAME AND GRATE BY DEWEY BROTHERS OR APPROVED EQUAL. SEE SD-5 .
8. ALL PIPE IN STORM DRAIN STRUCTURE TO BE STRUCK EVEN WITH THE INSIDE WALL; GROUTED AND BRUSHED SMOOTH.
9. PRECAST BOTTOM AND BARREL ARE PERMITTED.
10. CURB MAY OR MAY NOT BE DEPRESSED APPROACHING THE CATCH BASIN, AT THE OPTION OF THE DESIGNER.

CITY OF SALISBURY, N.C. STANDARD DETAIL

DATE: JANUARY 1, 1991

STORM DRAINAGE
CATCH BASIN: 15"-54" (1)

NOT TO SCALE

STANDARD

SD-2