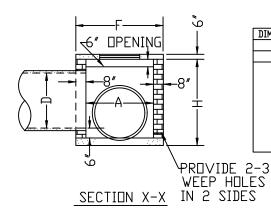


SECTION Y-Y



DIMENSIONS OF BOX & PIPE	RE	INFORCING	COVER
PIPE SPAN WTDTH	BARS-X	BARS-Y TOTAL	DIMENSION
D A B H(MIN)	ND. LENGTH	ND. LENGTH L	_BS. F G
15" 3'6" 2'3" 2'7"	2 3'4"	7 4′7 ″	26 4'10" 3'7"
18" 4'0" 2'8" 2'11"	2 3′9 ′	8 5′1 ′	33 5'4" 4'0"
24" 4'0" 2'8" 3'5"	2 3′9 ′	8 5′1 ′	33 5'4" 4'0"
30" 4'0" 3'6" 3'11"	2 4′7 ″	9 5′1 ′	37 5'4" 4'10"
36" 4'0" 3'6" 4'6"	2 4′7″	9 5′1 ″	37 5'4" 4'10"
42" 4'0" 3'6" 4'11"	2 4′7 ″	9 5′1 ′	37 5'4" 4'10"
48" 4'6" 4'0" 5'5"	2 5′1 ″	10 5′7 ″	45 5'10 " 5'10 "

NOTES:

- 1. ALL CATCH BASINS OVER 3'-6" IN DEPTH TO BE PROVIDED WITH STEPS 16 ON CENTER.
- 2. ALL EXPOSED CONCRETE CORNERS TO BE CHAMFERED 1".
- 3. ALL CONCRETE TO BE 3000 P.S.I.
- 4. ALL MORTAR JOINTS ARE TO BE 1/2" +1/8".
- 5. ALL EXPOSED JOINTS WILL BE CONCAVED TOOLED. THE 6" OPENING SHOWN MAY BE INCREASED TO 8" MAX.
- 6. CONCRETE BRICK MAY BE USED IN LIEU OF CLAY BRICK. JUMBO BRICK WILL BE PERMITTED.
- 7. 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".
- 8. ALL PIPE IN STORM DRAIN STRUCTURE SHALL BE STRUCK EVEN WITH THE INSIDE WALL, GROUTED AND BRUSHED SMOOTH.
- 9. PRECAST BOTTOM AND BARREL PERMITTED.
- 10. TO BE USED IN GRASS, NON-TRAFFIC AREAS WHERE A GRATE IS LIKELY TO BECOME CLOGGED.

CITY OF SALISBURY, N.C. STANDARD DETAIL	DATE: JANUARY 1, 1991	
STORM DRAINAGE	NOT TO SCALE	
SLAB TYPE CATCH BASIN	STANDARD SD-3	