



DIMENSIONS OF BOX & PIPE		REINFORCING			COVER DIMENSION					
PIPE SPAN	WIDTH	BARS-X	BARS-Y TOTAL							
D	A	B	H	NO	LENGTH	NO	LENGTH	LBS.	F	G
15"	36"	8"	27"	2	34"	7	47"	86	4'10"	37"
18"	40"	8"	31"	2	39"	8	51"	93	5'4"	41"
24"	40"	8"	35"	2	39"	8	51"	93	5'4"	41"
30"	40"	8"	39"	2	47"	9	51"	97	5'4"	41"
36"	40"	8"	43"	2	47"	9	51"	97	5'4"	41"
42"	40"	8"	47"	2	47"	9	51"	97	5'4"	41"
48"	46"	4"	51"	2	51"	10	57"	110	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  
SLAB TYPE CATCH BASIN

NOT TO SCALE

STANDARD SD-3