



GENERAL NOTES:

1. MORTAR JOINTS SHOULD BE BETWEEN $3/8"$ AND $5/8"$ THICK.
2. ALL CONCRETE TO BE 3600 P.S.I. COMPRESSIVE STRENGTH.
3. THE $6"$ OPENING SHOWN MAY BE INCREASED TO $8"$ MAX. IF DEEMED TO BE NECESSARY BY THE ENGINEER.
4. ALL CATCH BASIN OVER $3'-6"$ IN DEPTH SHALL BE PROVIDED WITH STEPS $1'-2"$ ON CENTERS BEGINNING $1'-2"$ FROM THE BOTTOM OF THE CATCH BASIN. ①
5. CONCRETE BRICK MAY BE USED IN LIEU OF HARD COMMON CLAY BRICK.
6. 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 EXPOSED JOINTS WILL BE CONCAVE TOOLED.
9. ALL PIPE IN STORM DRAIN STRUCTURE SHALL BE STRUCK EVEN WITH THE INSIDE WALL, GROUTED AND BRUSHED SMOOTH.
10. WEEP HOLES SHALL BE PLACED IN BACK WALL WITH FILTER FABRIC OR STONE ON BACK SIDE.
11. THIS CATCH BASIN IS NOT TO BE USED WITHIN STREET RIGHT OF WAY UNLESS OTHERWISE APPROVED BY ENGINEERING DIRECTOR.

DIMENSIONS OF BOX AND PIPE			REINFORCING			COVER DIMENSION		
PIPE	SPAN	HEIGHT	BARS - X	BARS - Y	TOTAL			
D	A	B	H(MIN)	NO.	LENGTH	NO. LBS.	F	G
15"	3'-6"	2'-3"	2'-7"	2	3'-4"	7	4'-7"	26
18"	4'-0"	2'-8"	2'-11"	2	3'-9"	8	5'-1"	33
24"	4'-0"	2'-8"	3'-5"	2	3'-9"	8	5'-1"	33
30"	4'-0"	3'-6"	3'-11"	2	4'-7"	9	5'-1"	37
36"	4'-0"	3'-6"	4'-6"	2	4'-7"	9	5'-1"	37
42"	4'-0"	3'-6"	4'-11"	2	4'-7"	9	5'-1"	37
48"	4'-0"	3'-6"	5'-5"	2	5'-1"	10	5'-7"	45

REVISIONS		CITY OF MONROE UNION COUNTY NORTH CAROLINA	PREPARED BY:	FILE: 1/Maps-Details/Detail Manual/Details	
NO.	DATE			DRAWN BY: JAM	DATE: 08-07-01
1	05/2008	REVISE NOTE 4			
2	01/2015	ADD REF NO FOR STANDARD		CHECKED BY: JNL	SCALE: N.T.S.



SLAB TYPE CATCH BASIN
15" THRU 48" PIPE

CITY OF MONROE
UNION COUNTY
NORTH CAROLINA

PREPARED BY:
ENGINEERING DEPARTMENT

FILE: 1/Maps-Details/Detail Manual/Details
DRAWN BY: JAM DATE: 08-07-01
CHECKED BY: JNL SCALE: N.T.S.
DETAIL 04.01.03