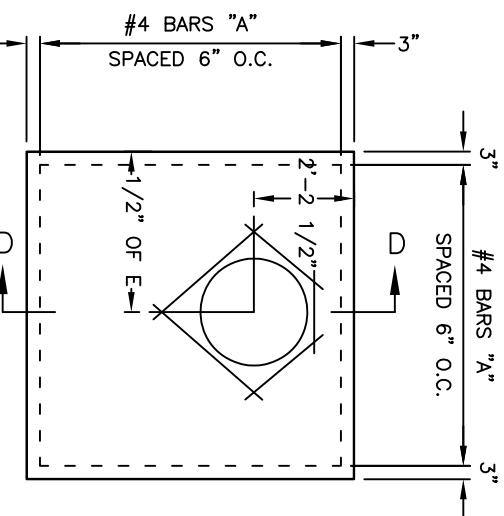
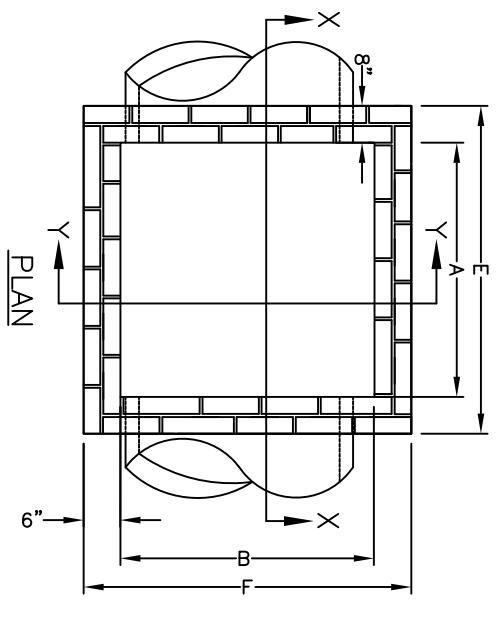


GENERAL NOTES:

- ALL EXPOSED CONCRETE TO BE CHAMFERED 1"
- ALL CONCRETE TO BE 3600 P.S.I.
- ALL EXPOSED JOINTS SHALL BE CONCAVE TOOLED.
- MORTAR JOINTS SHOULD BE BETWEEN 3/8" AND 5/8" THICK.
- CONCRETE BRICK MAY BE USED IN LIEU OF HARD COMMON CLAY BRICK. JUMBO BRICK WILL BE PERMITTED.
- 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".
- ALL JUNCTION BOXES OVER 3'-6" IN DEPTH SHALL BE PROVIDED WITH STEPS 1'-2" ON CENTERS BEGINNING 1'-2" FROM THE BOTTOM OF THE CATCH BASIN.
- FOR RING AND COVER DETAIL SEE STD. 04.02.04.
- ALL PIPE IN STORM DRAIN STRUCTURE TO BE STRUCK EVEN WITH THE INSIDE WALL, GROUTED AND BRUSHED SMOOTH.
- WEEP HOLES SHALL BE PLACED IN BACK WALL. A STONE DRAIN CONSISTING OF 1 (ONE) CUBIC FOOT OF NUMBER 78M STONE CONTAINED IN A BAG OF POROUS FABRIC SHALL BE PLACED AT EACH WEEP HOLE.
- ALL SLABS SHALL BE FORMED.

RING AND COVER  
STD. 04.02.04



SECTION D-D

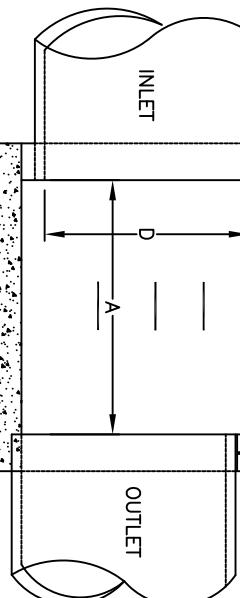
MANHOLE C  
SEE DETAIL 04.02.04 ②

DIMENSIONS OF BOX AND PIPE						REINF. BARS
PIPE	SPAN	WDTH	HEIGHT	SIZE	NO.	LENGTH
D	A	B	H	E	F	
42"	4'-8"	4'-8"	4'-9"	6'-0"	6'-0"	22
48"	5'-0"	5'-0"	5'-3"	6'-4"	6'-4"	24
54"	5'-6"	5'-6"	5'-9"	6'-10"	6'-10"	26
60"	6'-0"	6'-0"	6'-3"	7'-4"	7'-4"	28
66"	6'-6"	6'-6"	6'-9"	7'-10"	7'-10"	30

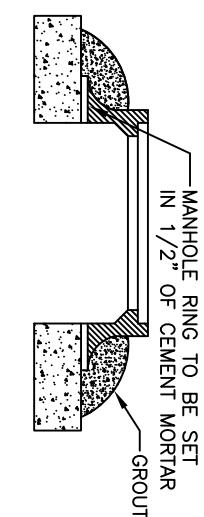
10. A STONE DRAIN CONSISTING OF 1 (ONE) CUBIC FOOT OF NUMBER 78M STONE CONTAINED IN A BAG OF POROUS FABRIC SHALL BE PLACED AT EACH WEEP HOLE.

11. ALL SLABS SHALL BE FORMED.

SECTION X-X



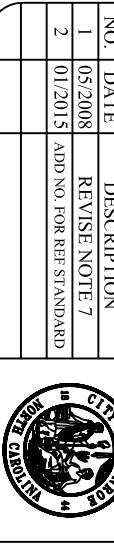
SECTION Y-Y



RING DETAIL ②

MANHOLE RING TO BE SET  
IN 1/2" OF CEMENT MORTAR  
GROUT

NO.	DATE	DESCRIPTION
1	05/2008	REVISE NOTE 7
2	01/2015	ADD NO. FOR REF STANDARD



BRICK JUNCTION BOX  
42" THRU 66" PIPE

CITY OF MONROE  
UNION COUNTY  
NORTH CAROLINA

PREPARED BY:  
ENGINEERING DEPARTMENT

FILE: I:\Maps-Details\Detail Manual\Details

DRAWN BY: JAM

DATE: 08-07-01

CHECKED BY: JNL

SCALE: N.T.S.

DETAIL 04.01.07