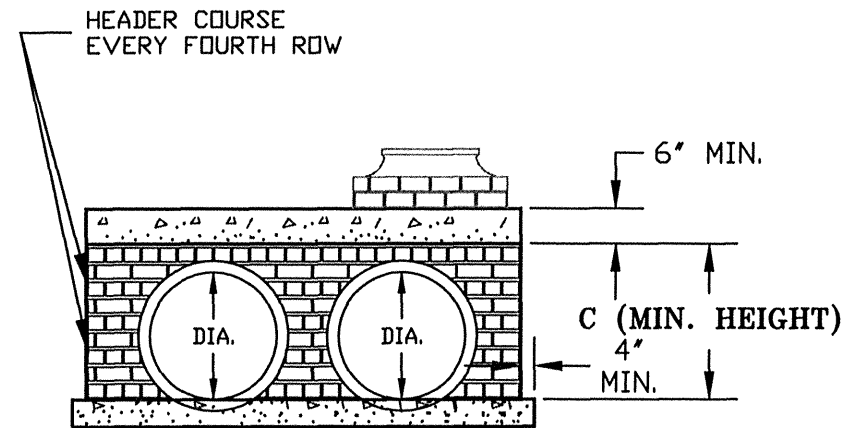


MINIMUM DIMENSIONS FOR MASONRY JUNCTION BOX WITH TWIN CULVERTS

DIA	A	B	C	D	E
15"	5'-3"	3'-0"	1'-8"	6'-7"	4'-4"
18"	5'-10"	3'-0"	2'-0"	7'-2"	4'-4"
24"	7'-10"	3'-6"	2'-6"	8'-4"	4'-10"
30"	8'-2"	4'-0"	3'-0"	9'-6"	5'-4"
36"	9'-4"	4'-6"	3'-8"	10'-8"	5'-10"
42"	10'-9"	5'-0"	4'-5"	12'-1"	6'-4"
48"	11'-11"	5'-6"	5'-0"	13'-3"	6'-10"
54"	13'-1"	6'-0"	5'-6"	14'-5"	7'-4"
60"	14'-3"	6'-0"	6'-0"	15'-7"	7'-4"



OUTLET ELEVATION

GENERAL NOTES:

ALL EXPOSED CORNERS TO BE CHAMFERED 1".  
 CLASS "A" CONCRETE TO BE USED.  
 MORTAR JOINTS 1/2" ± 1/8" THICK.  
 ALL EXPOSED JOINTS SHALL BE CONCAVE TOOLED. FORMS ARE TO BE USED FOR CONSTRUCTION OF THE BOTTOM SLAB.  
 JUMBO BRICK WILL BE PERMITTED. CONCRETE BRICK OR 4" SOLID CONCRETE BLOCKS MAY BE USED IN LIEU OF CLAY BRICK.  
 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". DIMENSIONS AND QUANTITIES TO BE ADJUSTED ACCORDINGLY.  
 IF REINFORCED CONCRETE PIPE IS SET IN BASE SLAB OF BOX, DROP BASE SUBGRADE TO PROVIDE CONSTANT THICKNESS OF CONCRETE.  
 ALL JUNCTION BOXES OVER 3'-6" IN DEPTH SHALL BE PROVIDED WITH STEPS 1'-2" ON CENTERS. STEPS SHALL BE IN ACCORDANCE WITH STD. NO. 4.9.  
 ADJUST THE STEEL, CONCRETE AND BRICK MASONRY QUANTITIES TO INCLUDE THE ADDITION OF THE MANHOLE (I.E. DIAGONAL BARS SHORTENED AROUND OPENING IN TOP SLAB, ADDITIONAL VARIABLE HEIGHT BRICK MASONRY, OPENING IN TOP SLAB.)

## JUNCTION BOX FOR TWIN RCP CULVERTS (SHEET 2 OF 2)

REVISIONS		
NO	DATE	DESCRIPTION

CITY OF ROCKY MOUNT  
 DEPT. OF ENGINEERING

APPROVED	STD. NO.
	6.16
DATE	REVISION
03-07-03	