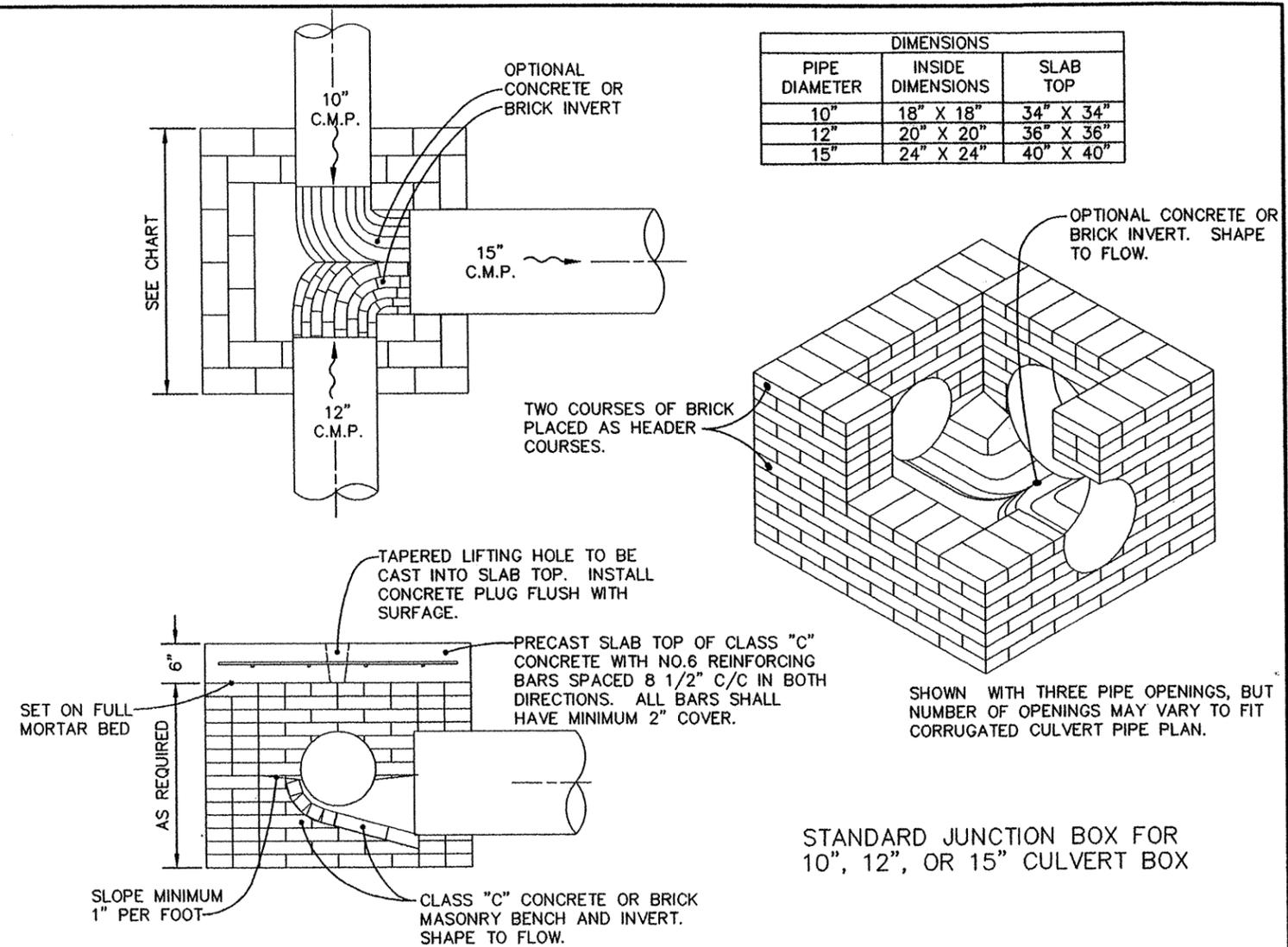


TYPE "D" INLET

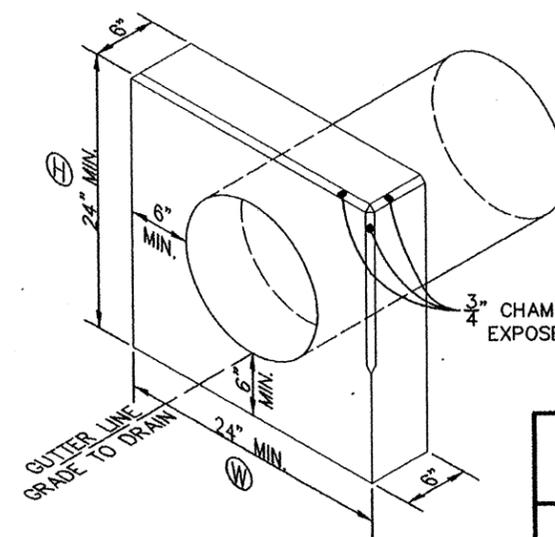
INLET SHALL BE CONSTRUCTED OF 8" BRICK WALLS LAID UP IN PORTLAND CEMENT MORTAR, WITH EVERY SEVENTH COURSE BEING A HEADER COURSE. AT THE OPTION OF THE CONTRACTOR, INLET MAY BE CONSTRUCTED OF CLASS "C" CONCRETE WITH 8" WALLS. INLET MAY BE CONSTRUCTED TO FIT ANY SIZE PIPE BY VARYING THE LENGTH AND WIDTH.

- (A) No.57 SLAG OR LIMESTONE, MINIMUM 3" THICK ON UNDISTURBED GROUND.
- (B) CLASS "C" CONCRETE.
- (C) CLASS "C" CONCRETE OR BRICK MASONRY.
- (D) PRECAST SLAB TOP OF CLASS "C" CONCRETE, W/36" LONG No.3 REINFORCING BARS SPACED 6" C/C BOTH DIRECTIONS. ALL BARS SHALL HAVE MINIMUM 1 1/2" COVER.
- (E) INLET IS SHOWN OPEN ON FOUR SIDES, ANY OF WHICH MAY BE CLOSED AS REQUIRED.



DIMENSIONS		
PIPE DIAMETER	INSIDE DIMENSIONS	SLAB TOP
10"	18" X 18"	34" X 34"
12"	20" X 20"	36" X 36"
15"	24" X 24"	40" X 40"

STANDARD JUNCTION BOX FOR 10", 12", OR 15" CULVERT BOX



UNLESS OTHERWISE NOTED, THIS TYPE OF HEADWALL SHALL BE USED WHENEVER HEADWALLS ARE REQUIRED FOR ROADWAY DRAINAGE, AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. HEADWALL SHALL BE CONSTRUCTED OF CLASS "C" CONCRETE IN ACCORDANCE WITH ITEM 602.

QUANTITY OF CONCRETE REQUIRED		(H)	(W)
10" PIPE = .064 C.Y., 1.72 C.F.		24"	24"
12" PIPE = .060 C.Y., 1.61 C.F.		24"	24"
15" PIPE = .071 C.Y., 1.91 C.F.		27"	27"

STANDARD HEADWALL FOR 10", 12" OR 15" CULVERT PIPE

DO NOT SCALE - USE DIMENSIONS ONLY

<p>CITY OF AKRON BUREAU OF ENGINEERING</p> <p><i>Michael L. Madonia</i> 3/14/02 MANAGER, DESIGN DIVISION</p> <p><i>James P. Miller</i> 3-15-02 MANAGER, CONSTRUCTION DIVISION</p> <p><i>David J. Jelic</i> 3-15-02 CITY ENGINEER</p>	<p>CONSTRUCTION STANDARD DWG. No. 1-1</p> <p style="text-align: center;">TYPE "D" INLET JUNCTION BOX HEADWALL</p> <p>AUTOCAD DRAWING - STD_1-3.DWG February 28, 2002</p> <p>REVISIONS:</p>
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