

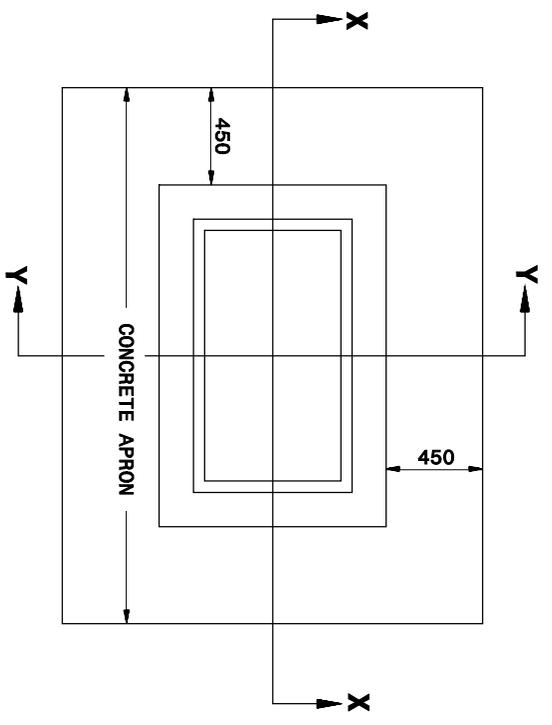
7-06

**METRIC STANDARD DRAWING FOR  
BRICK MEDIAN DROP INLET TYPE "D"**

300mm THRU 900mm PIPE

SHEET 1 OF 1

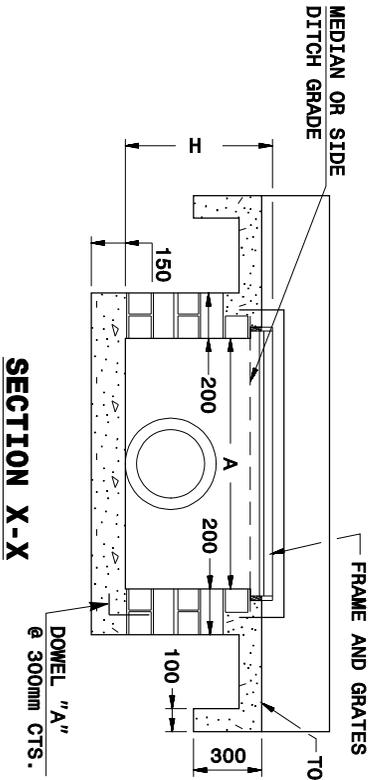
840.28



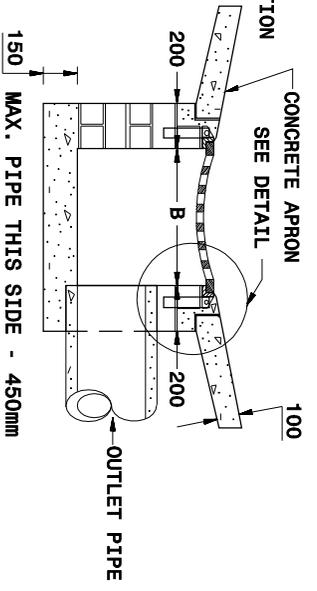
**PLAN**

**GENERAL NOTES:**

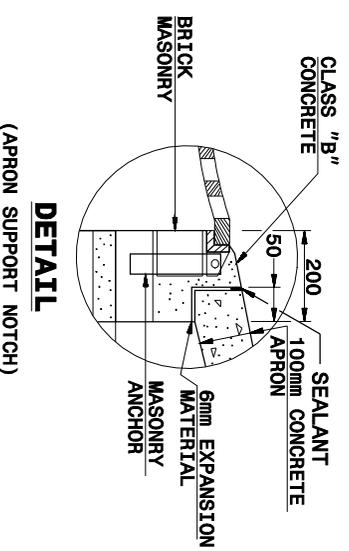
- USE CLASS "B" CONCRETE THROUGHOUT.
- JUMBO BRICK WILL BE PERMITTED. CONCRETE BRICK OR 100mm SOLID CONCRETE BLOCKS MAY BE USED IN LIEU OF CLAY BRICKS.
- PROVIDE ALL DROP INLETS OVER 1.0m IN DEPTH WITH STEPS 300mm ON CENTER. USE STEPS WHICH COMPLY WITH STD. DRAWING 840.66.
- OPTIONAL CONSTRUCTION - MONOLITHIC POUR, 50mm KEYWAY, OR #13 BAR DOWELS AT 300mm CENTERS AS DIRECTED BY THE ENGINEER.
- USE FORMS FOR THE CONSTRUCTION OF THE BOTTOM SLAB.
- IF REINFORCED CONCRETE PIPE IS SET IN BOTTOM SLAB OF BOX, ADD TO SLAB AS SHOWN ON STD. NO. 840.00.
- CONSTRUCT WITH PIPE GROWNS MATCHING.
- MAX. DEPTH OF THIS STRUCTURE FROM TOP OF BOTTOM SLAB TO TOP ELEVATION IS 3.6 METERS.
- USE STANDARD FRAMES AND GRATES 840.22 (SHOWN), 840.24 (SHOWN), 840.20, 840.29, AND 840.33.
- SEE STANDARD DRAWING 840.25 FOR ATTACHMENT OF FRAMES AND GRATES NOT SHOWN. CHAMFER ALL EXPOSED CORNERS 25mm.
- DRAWING NOT TO SCALE.



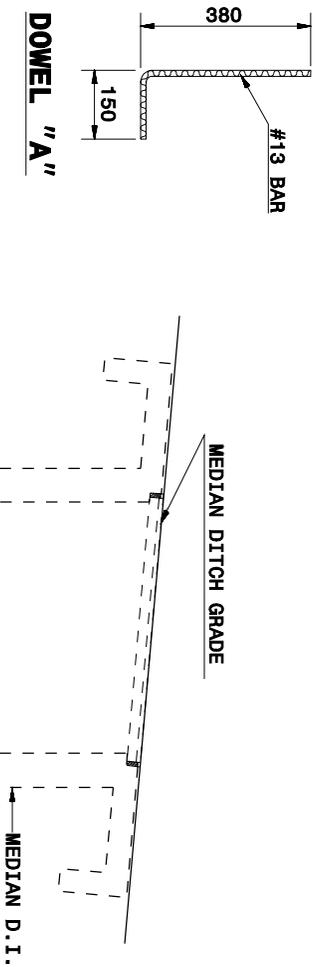
**SECTION X-X**



**SECTION Y-Y**



**DETAIL**



**DOWEL "A"**

**Note:**  
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

**MINIMUM DIMENSIONS AND QUANTITIES FOR CONCRETE DROP INLET**

PIPE	SPAN	WIDTH	HEIGHT	m <sup>3</sup> OF CONC IN BOX	m <sup>3</sup> OF BRICK MASONRY IN BOX	H PER m. HT.	TOTAL H	TOTAL m <sup>3</sup> IN BOX	DEDUCTIONS FOR ONE PIPE	R.C.
D	A	B	H	BASE SLAB					C.S.	
300	1118	610	509	0.236	0.866	0.419	0.500	0.015	0.015	0.024
375	1118	610	584	0.236	0.866	0.484	0.551	0.017	0.017	0.027
450	1118	610	661	0.236	0.866	0.551	0.601	0.025	0.025	0.037
600	1118	610	813	0.236	0.866	0.705	0.720	0.045	0.045	0.065
750	1118	610	965	0.236	0.866	0.838	0.821	0.070	0.070	0.097
900	1118	610	1118	0.236	0.866	0.970	0.922	0.100	0.100	0.136

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SHEET 1 OF 1

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