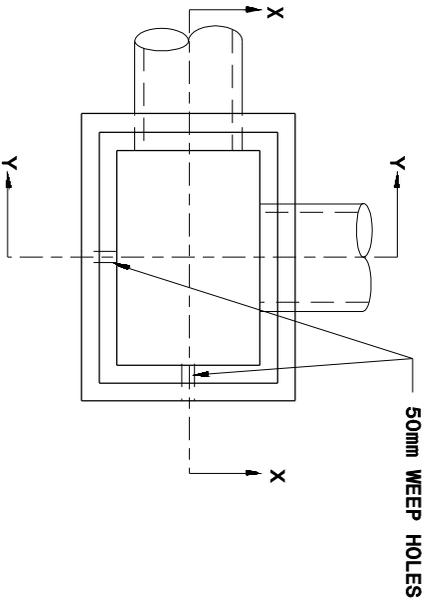


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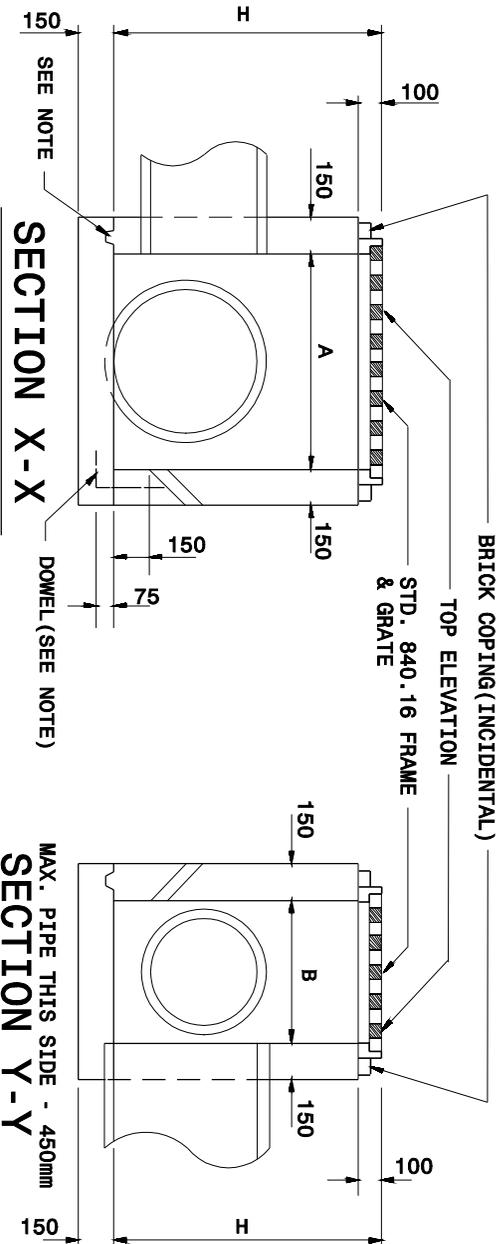
METRIC STANDARD DRAWING FOR
CONCRETE DROP INLET
300mm THRU 750mm PIPE

840.14



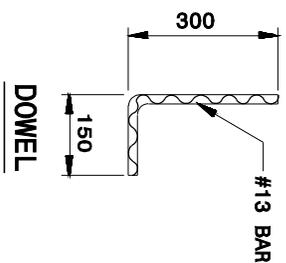
WITH GRATE & FRAME REMOVED

PLAN



MAX. PIPE THIS SIDE - 450mm
SECTION Y-Y

GENERAL NOTES:
USE CLASS "B" CONCRETE THROUGHOUT.
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 CROWNS MATCHING.
MAX. DEPTH OF THIS STRUCTURE FROM TOP OF BOTTOM SLAB TO TOP ELEV. IS 3.6 METERS.
INSTALL 50mm WEEPHOLES AS DIRECTED BY THE ENGINEER.
INSTALL STONE DRAINS, OF A MINIMUM OF 0.028 CUBIC METER OF NO. 7&M STONE IN A PEROUS FABRIC BAG OR WRAP, AT EACH WEEP HOLE OR AS DIRECTED BY THE ENGINEER.
CHAMFER ALL EXPOSED CORNERS 25mm.
DRAWING NOT TO SCALE.



DIMENSIONS AND QUANTITIES FOR DROP INLET (BASED ON MIN. HEIGHT, H)				TOTAL CONCRETE BOX & COVER		DEDUCTIONS FOR ONE PIPE	
PIPE DIMENSIONS	SPAN	WIDTH	HEIGHT	CUBIC METERS IN BOX	m ³ MIN. H	C.S.	R.C.
D	A	B	H	BOTTOM SLAB	WALL / m. H		
300	914	610	610	0.166	0.554	0.453	0.011
375			686			0.495	0.017
450			762			0.537	0.025
600			914			0.622	0.045
750	914	610	1067	0.166	0.554	0.707	0.070

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

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