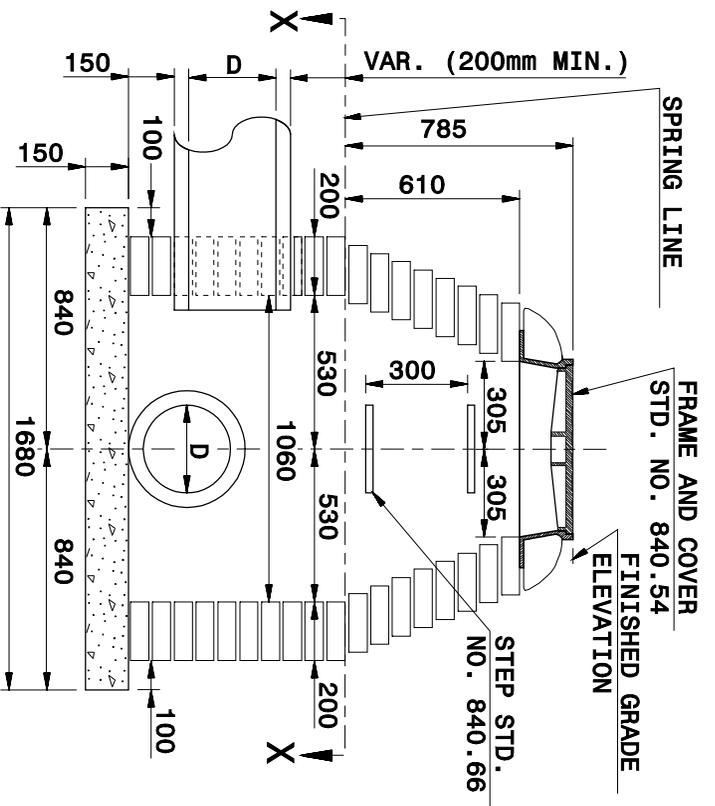
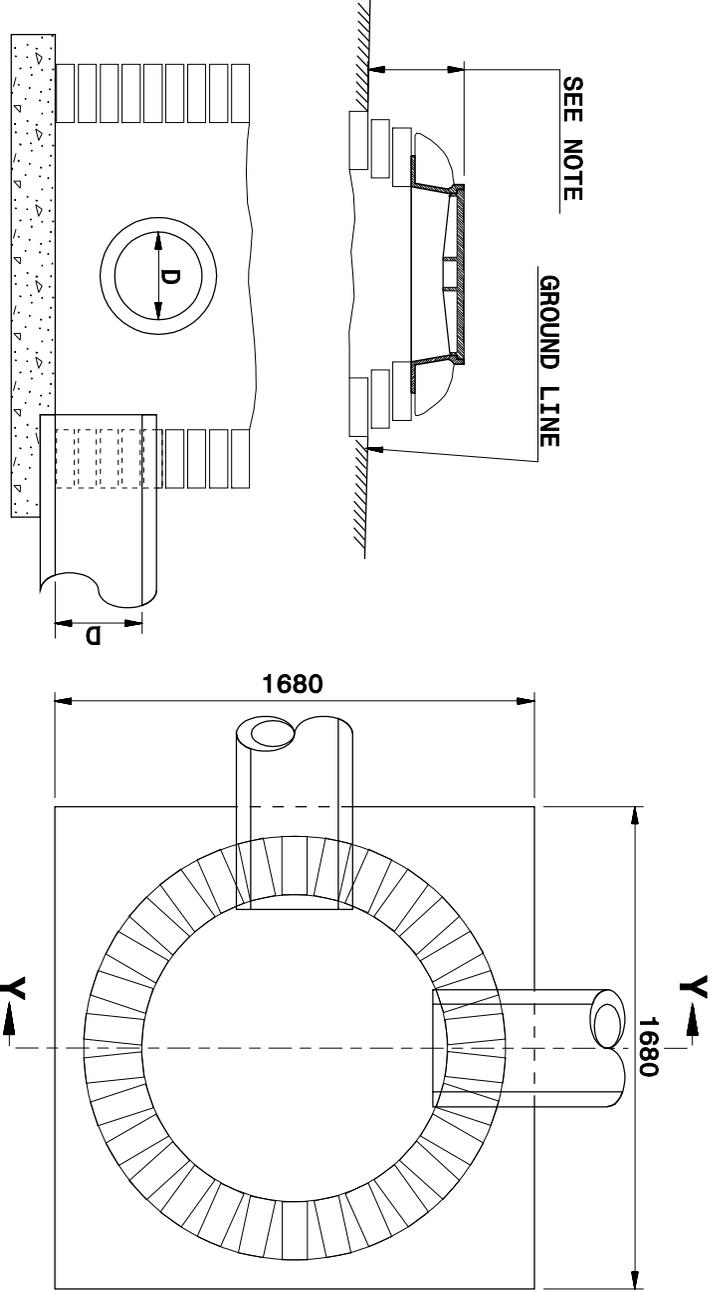


7-06

METRIC STANDARD DRAWING FOR
BRICK MANHOLE
300mm THRU 900mm PIPE



SECTION ON X-X



SECTION ON Y-Y

MINIMUM DIMENSIONS AND QUANTITIES FOR MANHOLE				
PIPE DIM.	CONCRETE	TOTAL BRICK MASONRY	BRICK MASONRY PER m. HT.	DEDUCTIONS FOR ONE PIPE (m ³)
D	BASE	ABOVE S-L	BELOW S-L	C.S. R.C.
300	0.428	0.405	0.810	0.015 0.024
375	0.428	0.405	0.810	0.023 0.035
450	0.428	0.405	0.810	0.033 0.049
600	0.428	0.405	0.810	0.059 0.086
750	0.428	0.405	0.810	0.093 0.130
900	0.428	0.405	0.810	0.134 0.182

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

GENERAL NOTES:

- MORTAR JOINTS 13mm ± 3mm THICK.
- CONCAVE TOOL ALL EXPOSED JOINTS.
- USE CLASS "B" CONCRETE THROUGHOUT.
- USE FORMS TO CONSTRUCT THE BASE SLAB.
- JUMBO BRICK WILL BE PERMITTED. CONCRETE BRICK OR 100mm SOLID CONCRETE BLOCKS MAY BE USED IN LIEU OF CLAY BRICK.
- IF REINFORCED CONCRETE PIPE IS SET IN BASE SLAB OF BOX, ADD TO BASE AS SHOWN IN STD. DWG. 840.00.
- WHERE THE MANHOLE IS EXPOSED TO ROAD TRAFFIC, PLACE THE TOP OF THE MANHOLE FLUSH WITH THE GROUND. AT OTHER LOCATIONS, PLACE IT A MINIMUM OF 230mm ABOVE THE GROUND.
- PROVIDE MANHOLES OVER 1.0m IN DEPTH WITH STEPS 300mm ON CENTERS IN ACCORDANCE WITH STD. NO. 840.66.

7-06