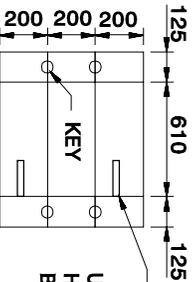
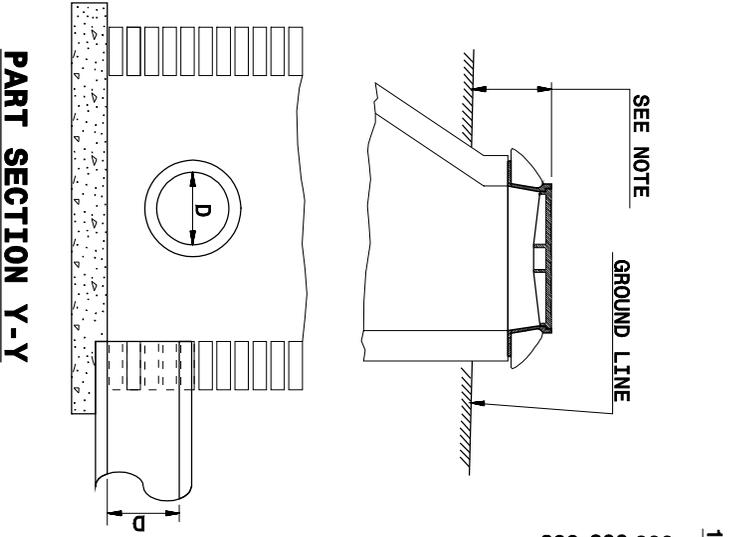


METRIC STANDARD DRAWING FOR  
**PRECAST MANHOLE WITH MASONRY BASE**  
300mm THRU 1050mm PIPE

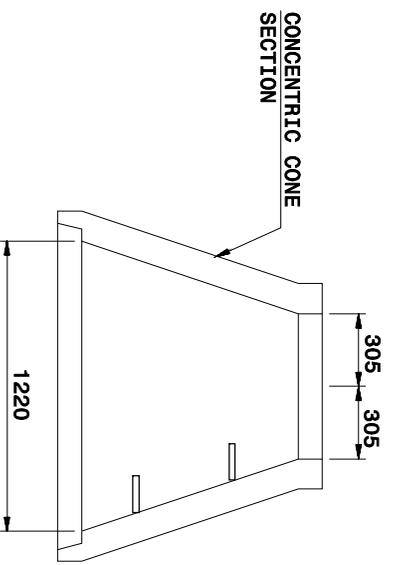
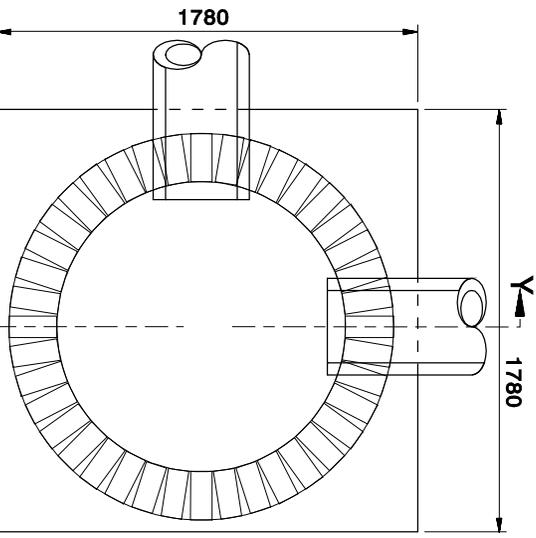
GENERAL NOTES:

- MORTAR JOINTS 13mm ± 3mm THICK.
- USE CLASS "B" CONCRETE THROUGHOUT.
- USE FORMS TO CONSTRUCT THE BASE SLAB.
- JUMBO BRICK WILL BE PERMITTED. CONCRETE BRICK OR 100mm SOLID CONCRETE BLOCK MAY BE USED IN LIEU OF CLAY BRICK.
- USE PRECAST MANHOLE COMPONENTS WHICH MEET REQUIREMENTS OF STANDARD DRAWING 840.52 AND AASHTO M199.
- FOR MANHOLE OVER 3.6m VERTICAL WALL DEPTH, BRICK MASONRY WALL THICKNESS IS 300mm. FOR MANHOLES WITH A VERTICAL WALL DEPTH LESS THAN 3658, BRICK MASONRY WALL THICKNESS IS 203mm.
- ASSEMBLE RISERS AND GRADE RINGS WITH THE STEPS SPACED 300mm FROM THE TOP TO THE BASE OF THE MANHOLE.
- 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. IF REINFORCED CONCRETE PIPE IS SET IN BASE SLAB OF BOX, ADD TO BASE AS SHOWN IN STD. NO. 840.00.

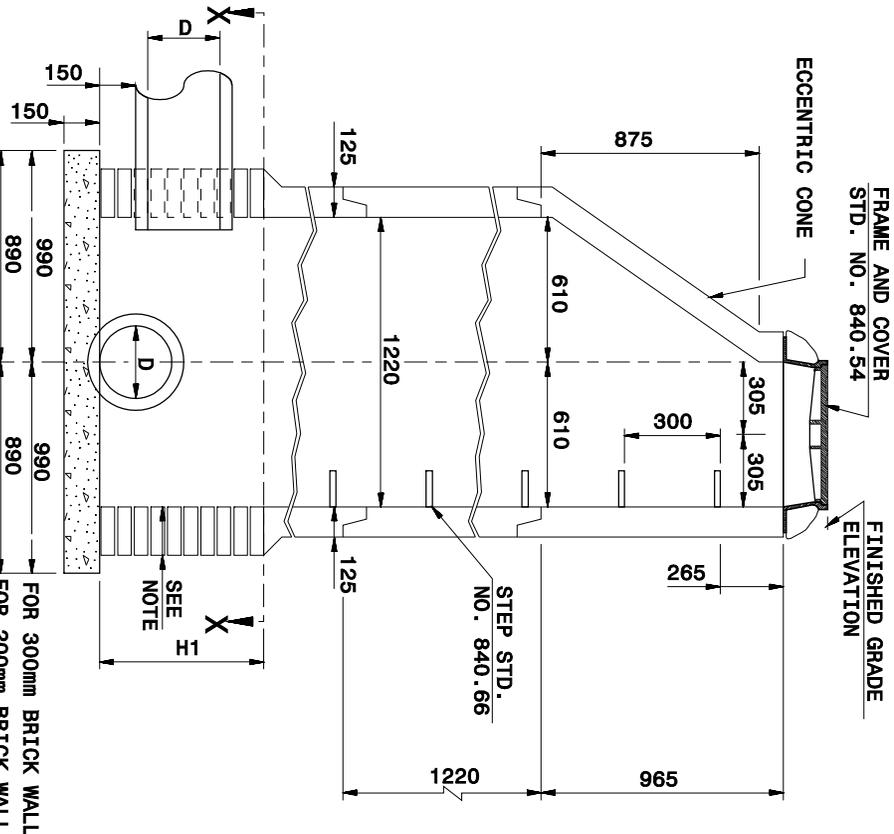
DIMENSIONS	
PIPE DIM.	BRICK HEIGHT
D	H1 (MIN)
300	432
375	508
450	584
600	762
750	914
900	1092
1050	1270



USE 610mm GRADE RINGS IN 200mm HIGH SECTIONS AS DIRECTED BY THE ENGINEER.



**ALTERNATE CONE SECTION**



**SECTION ON Q**

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