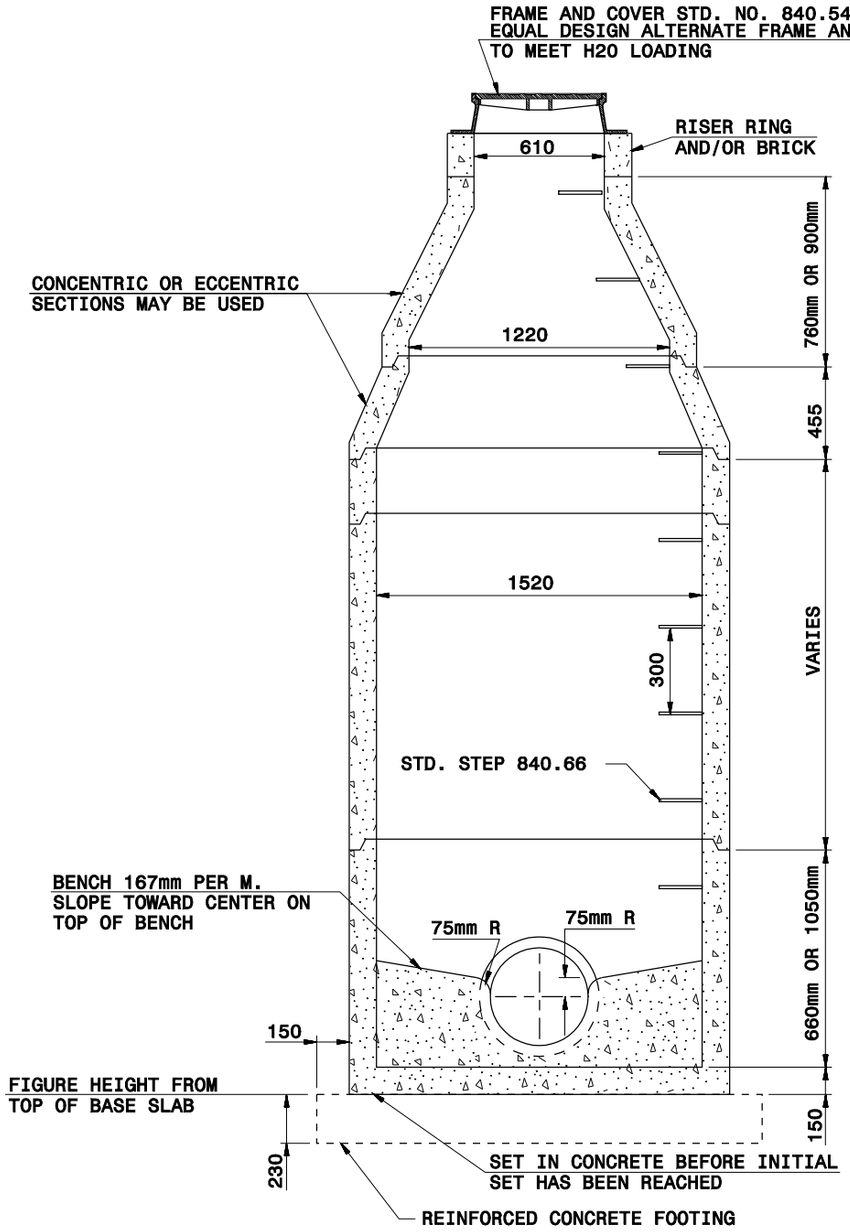
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

7-06

METRIC STANDARD DRAWING FOR

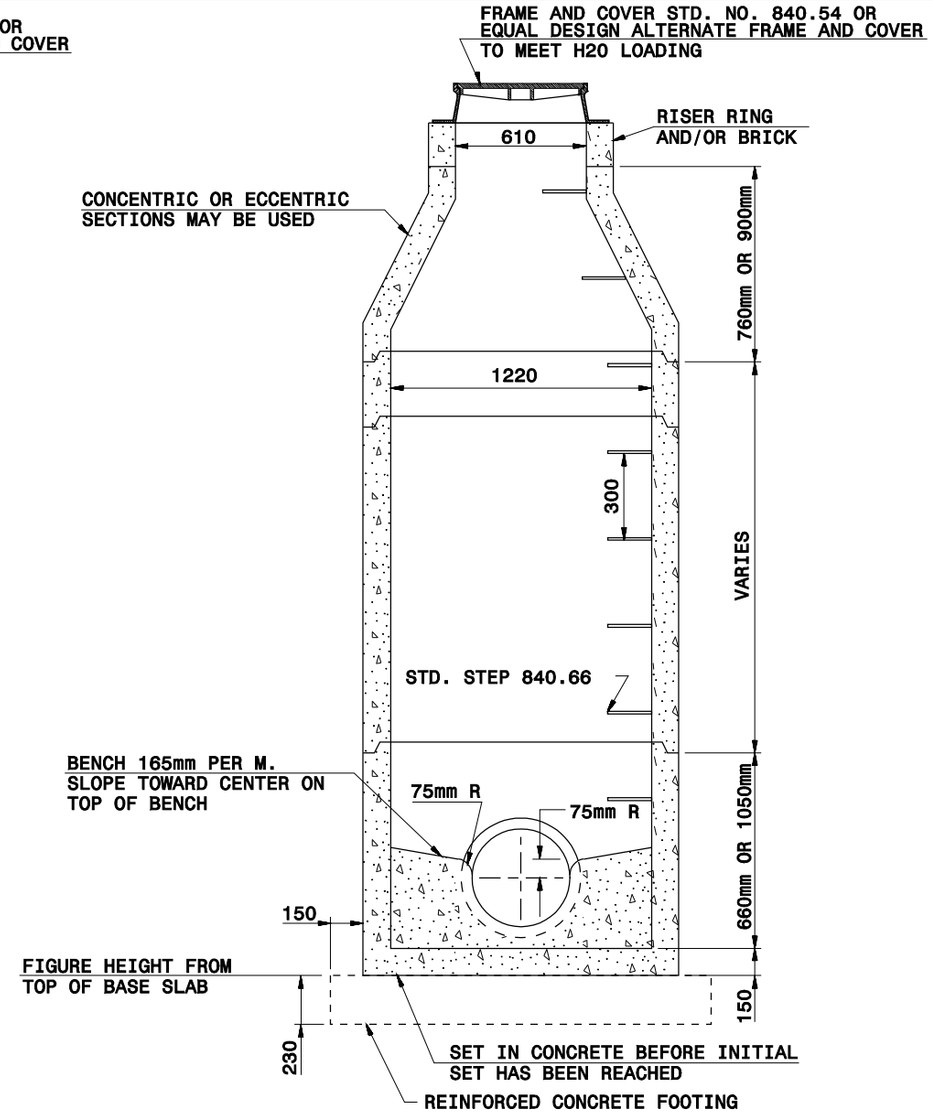
PRECAST SANITARY SEWER MANHOLE

1.2m AND 1.5m DIAMETER



1.5m PRECAST MANHOLE

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



1.2m PRECAST MANHOLE

GENERAL NOTES:

PROVIDE PRECAST MANHOLE COMPONENTS WHICH COMPLY WITH AASHTO M199.

ASSEMBLE RISERS AND GRADE RINGS SO STEPS HAVE A SPACING OF 300mm FROM THE TOP TO THE BOTTOM OF THE MANHOLE.

WHERE THE MANHOLE IS EXPOSED TO ROADWAY TRAFFIC, PLACE THE TOP OF THE MANHOLE FLUSH WITH THE GROUND; AND AT OTHER LOACTIONS PLACE THE TOP A MINIMUM OF 230mm ABOVE THE GROUND.

REINFORCED CONCRETE FOOTING IS REQUIRED WHEN THE MANHOLE IS OVER 3.6m OR ON A POOR SOIL BASE. THE FOOTING AND BASE SECTION MAY BE PRECAST.

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SHEET 1 OF 2
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