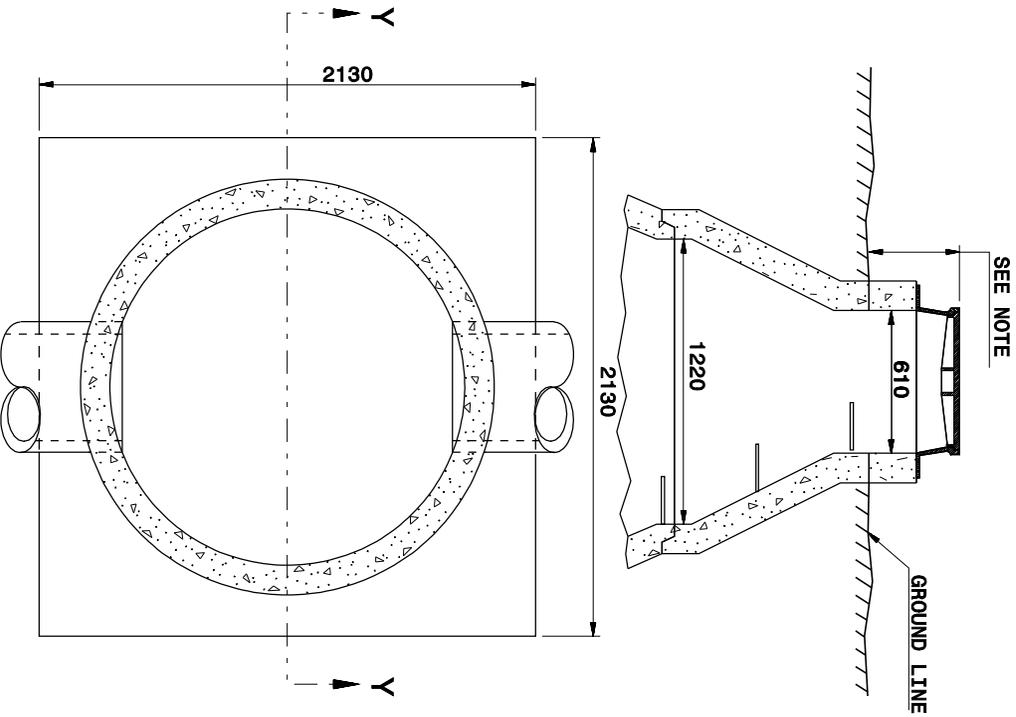


METRIC STANDARD DRAWING FOR
**PRECAST CONCRETE
SANITARY SEWER MANHOLE**

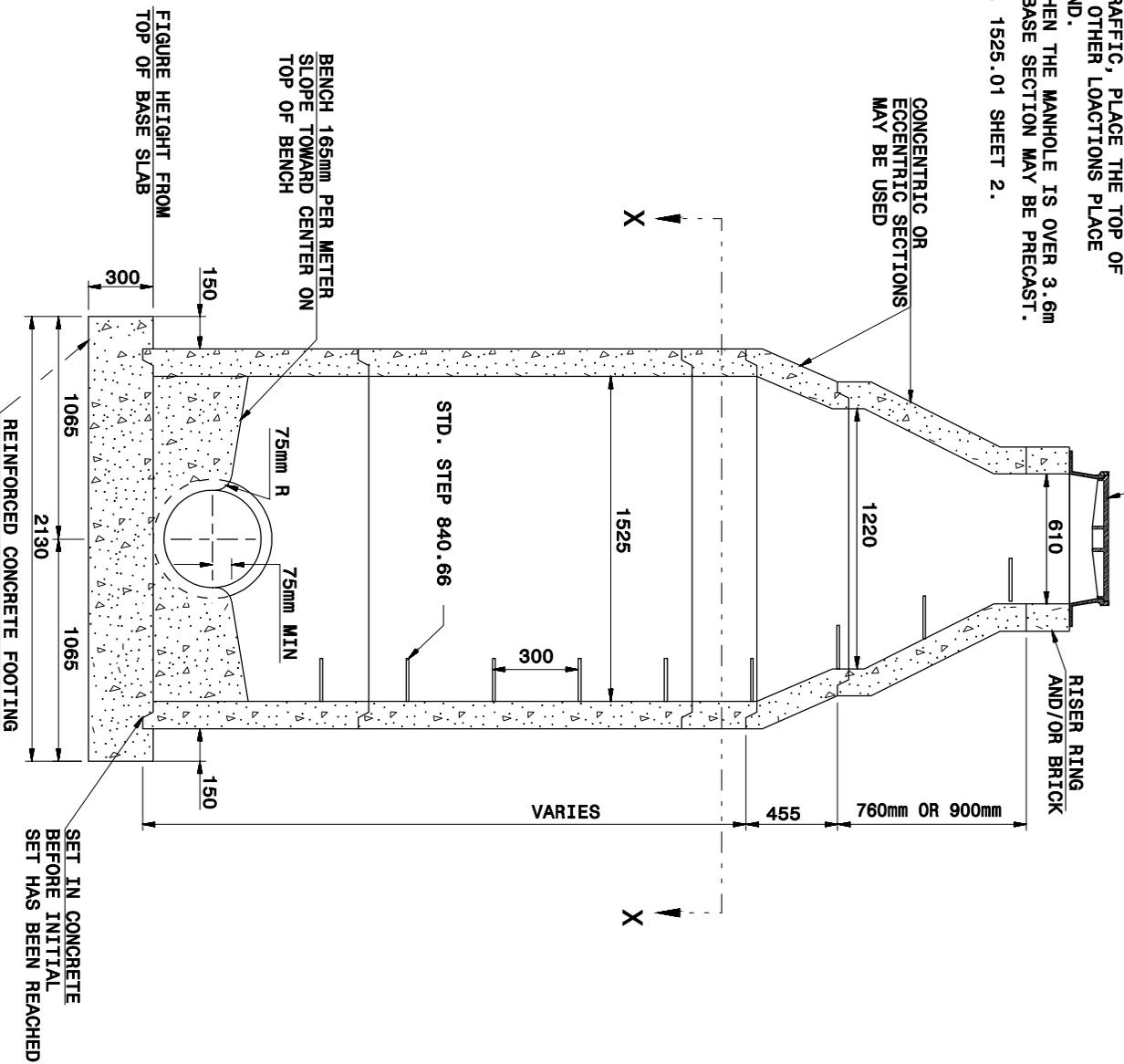
GENERAL NOTES:
 PROVIDE PRECAST MANHOLE COMPONENTS WHICH COMPLY WITH AASHTO M199.
 ASSEMBLE RISERS AND GRADE RINGS SO STEPS HAVE A SPACING OF 300mm
 FROM THE TOP TO THE BOTTOM OF THE MANHOLE.
 WHERE THE MANHOLE IS EXPOSED TO ROADWAY TRAFFIC, PLACE THE TOP OF
 THE MANHOLE FLUSH WITH THE GROUND; AND AT OTHER LOCATIONS 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.
 FOR DETAIL OF MANHOLE FOOTING SEE STD. NO. 1525.01 SHEET 2.

FRAME AND COVER STD. NO. 840.54 OR
 EQUAL DESIGN ALTERNATE FRAME AND COVER
 TO MEET H20 LOADING



SECTION X-X

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



SECTION Y-Y

METRIC STANDARD DRAWING FOR
**PRECAST CONCRETE
SANITARY SEWER MANHOLE**