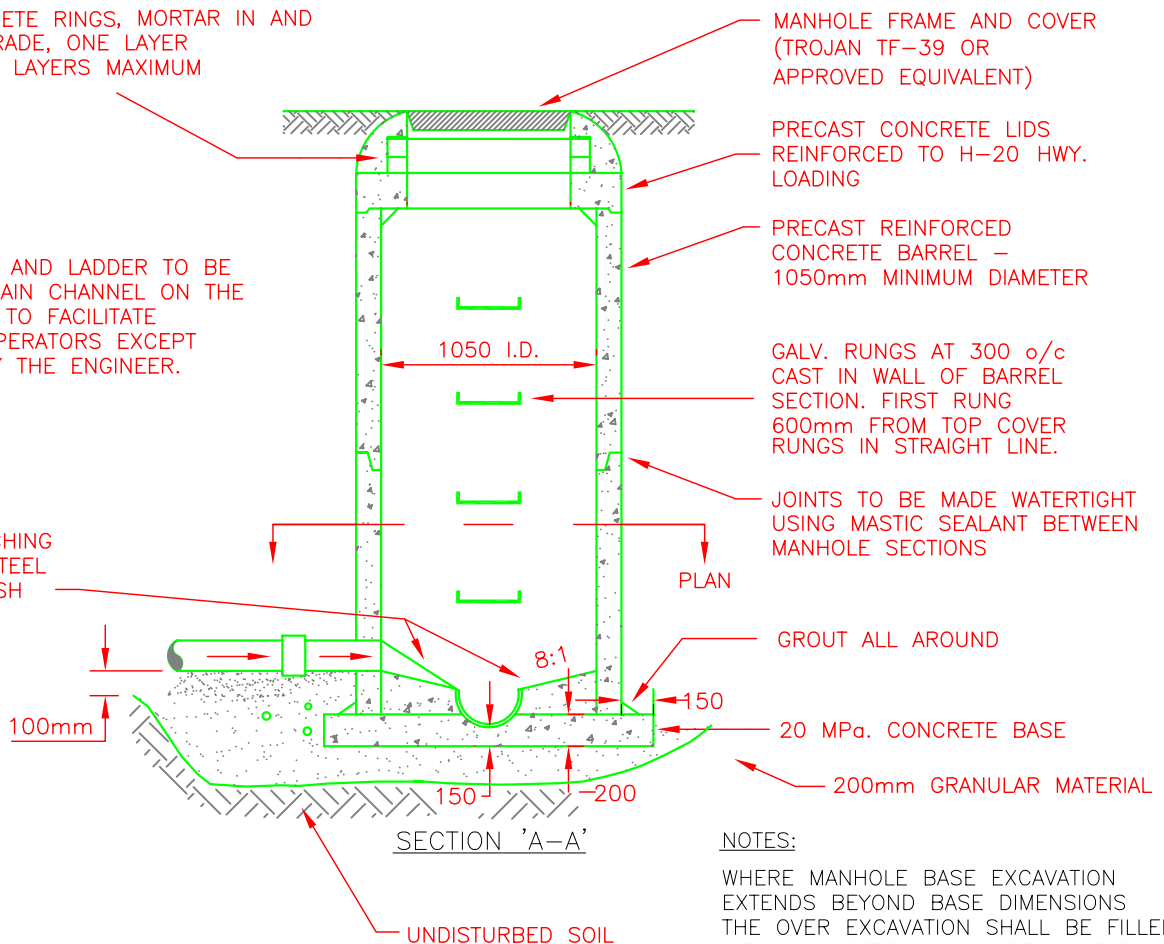


PRECAST CONCRETE RINGS, MORTAR IN AND OUT TO SUIT GRADE, ONE LAYER MINIMUM, THREE LAYERS MAXIMUM

ENTRANCE TUBE AND LADDER TO BE PLACED OVER MAIN CHANNEL ON THE UPSTREAM SIDE TO FACILITATE MAINTENANCE OPERATORS EXCEPT AS DIRECTED BY THE ENGINEER.

CONCRETE BENCHING WITH SMOOTH STEEL TROWELLED FINISH



NOTES:

WHERE MANHOLE BASE EXCAVATION EXTENDS BEYOND BASE DIMENSIONS THE OVER EXCAVATION SHALL BE FILLED WITH CONCRETE 100mm BELOW THE BOTTOM OF THE PIPE AND THE WIDTH OF THE TRENCH. ALL POURED IN PLACE CONCRETE TO BE 20 MPa.

UNITS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

TYPICAL MANHOLE AND BASE DETAILS FOR SEWER UP TO 400mm DIAMETER

2	City	Drawings revised	02/99
1	Usi	Original drawings created	04/96
No.	By	Revisions	Date

Date: February 12/99	Scale: N.T.S	Dwg. No. E-2
Drawn by: Bob Smith	Cad file: c:\...\drawings\standard\By_E2	