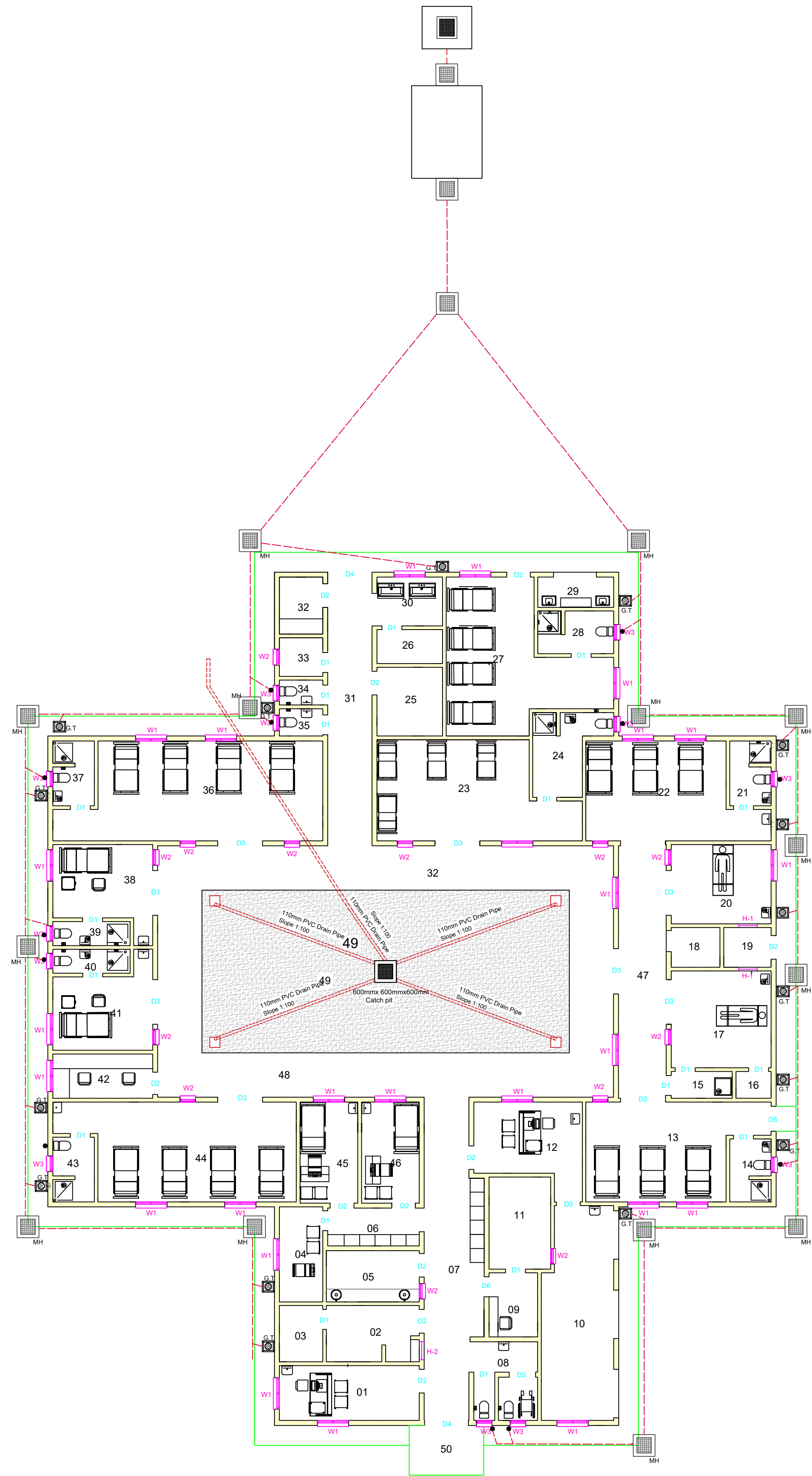
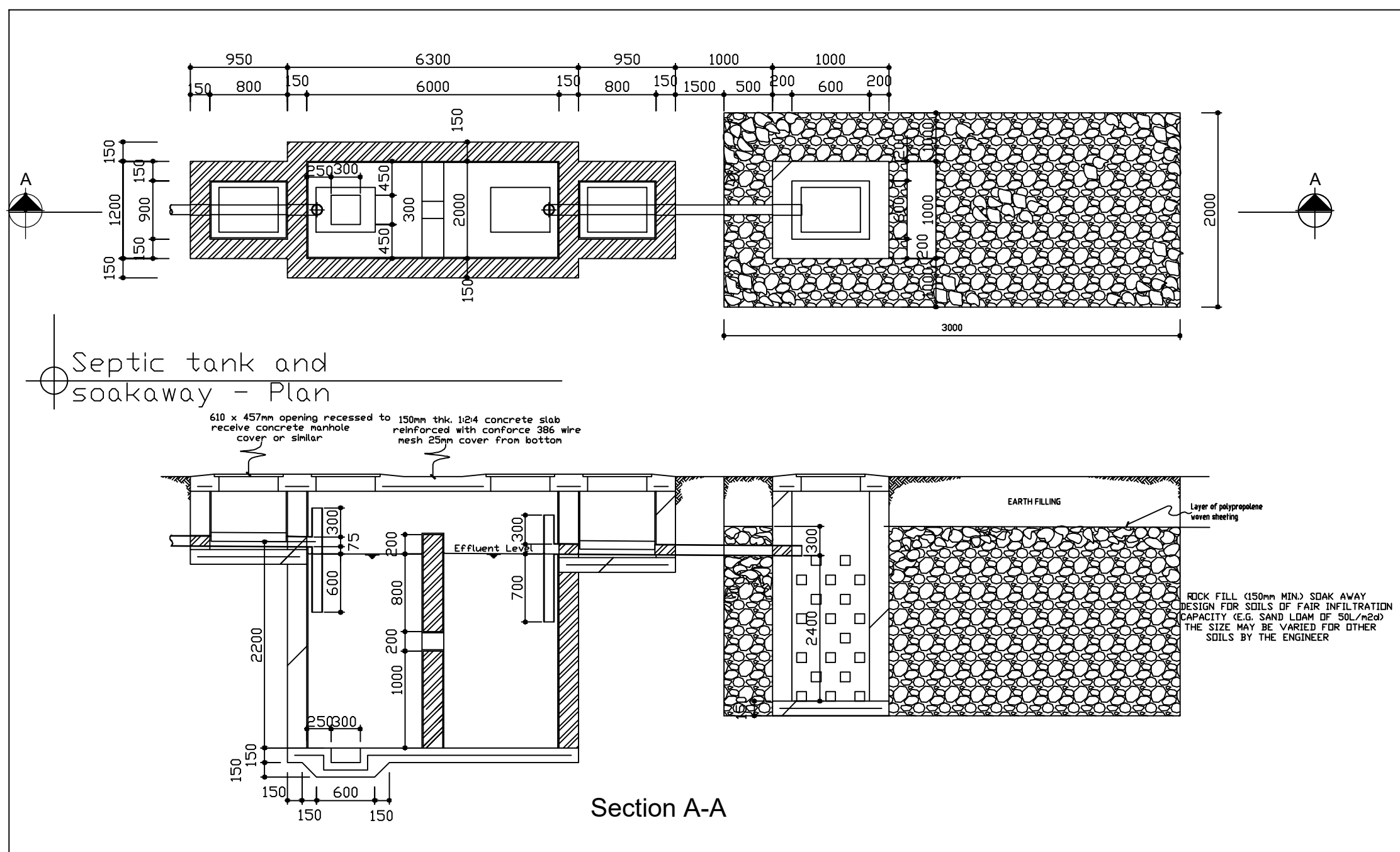
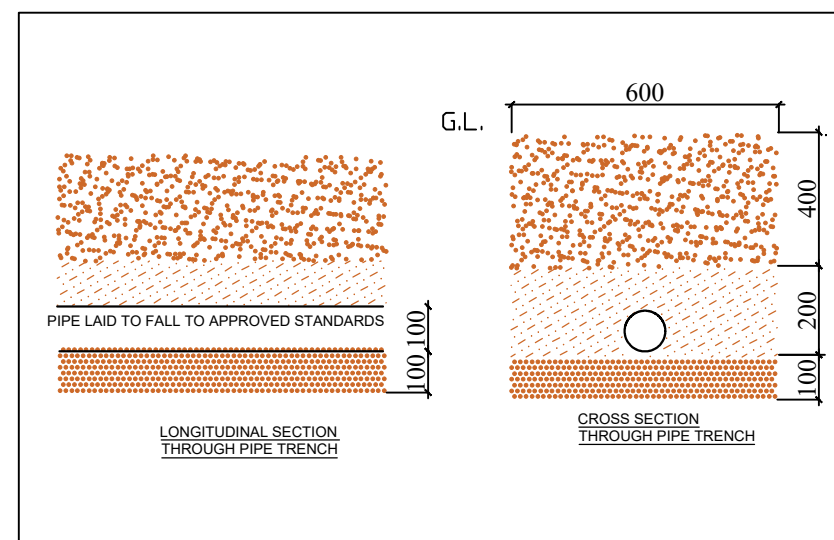
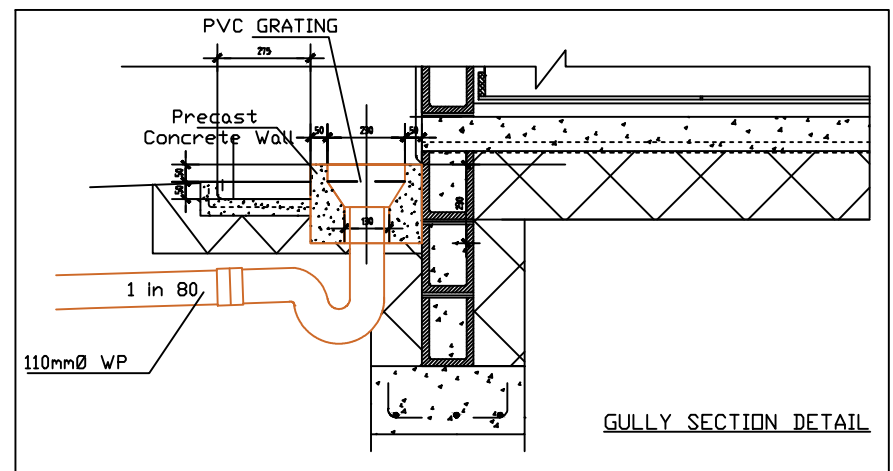
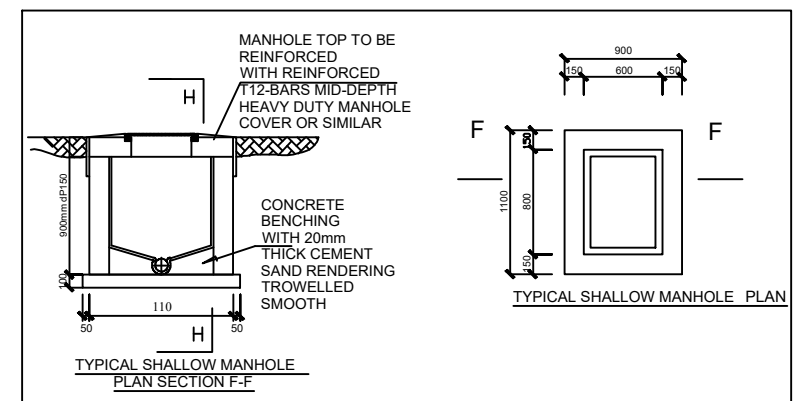
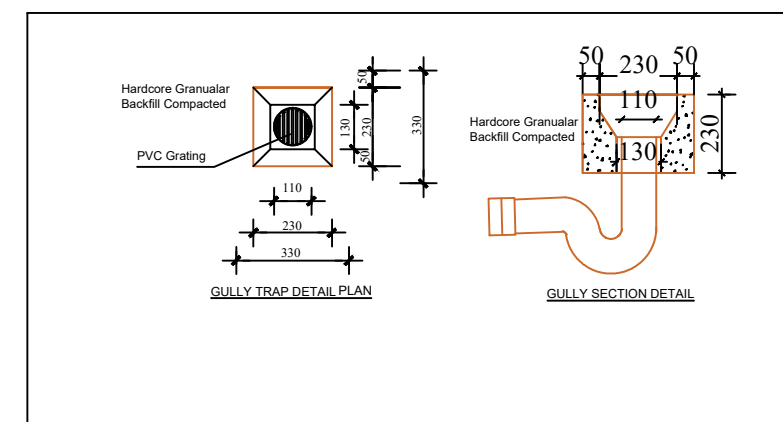
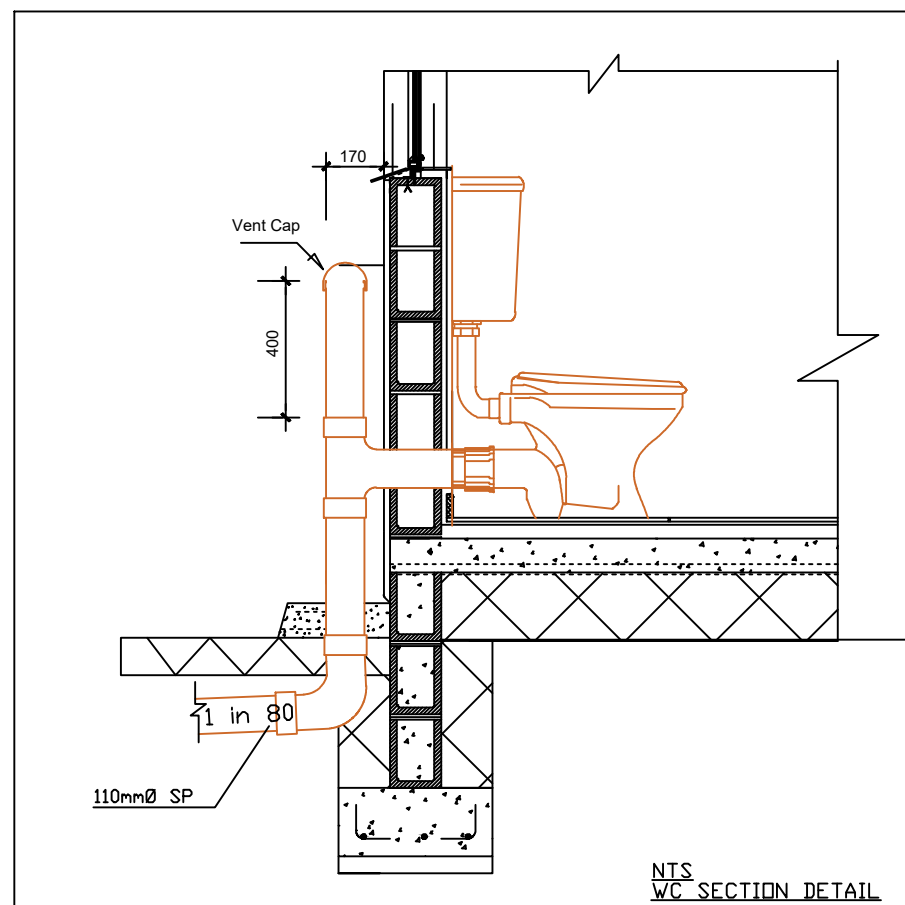




Sewer Layout

1:100



Section A-A

1:25

GENERAL NOTES

CWS - COLD WATER SUPPLY

SVP - SEWER VENT PIPE

G.T - GULLY TRAP

F.D - FLOOR DRAIN

WC - WATER CLOSET

WHB - WASH HAND BASIN

MH - MAN HOLE

WP - WASTE PIPE

1 All sewer pipes to be heavy duty UPVC.

2 All waste pipes from the Urinals to connect to sewer pipes not gully traps

3 All gully traps to be 400m x 300m.

4 All vent pipes to have vent valves.

5 Slope to be 1:80 for new sewer line with first manhole being 600mm deep.

6 All manholes to be 900 x 900mm.

7.All sanitary fittings to be cobra type or vaal type or equal and approved by the engineer

8.All sewer pipes passing under drive ways to be put in G.I SLEEVES

1. Backfill materials around the pipes to be clean, sieved subsoil or river sand of particle size not exceeding 6.0mm

2. The bottom of the pipe trenches are to be well compacted to 93% Mod. AASHTO.

3. Backfill materials other than the ones described above shall be the surplus of the excavated soil, free from refuse and vegetable matter. This shall be compacted in well watered layers not exceeding 150mm thick.

4. For pipes crossing roadways, place pipe in fibre cement pipe sleeves of at least 1.5x pipe diameter

CLIENT

MINISTRY OF HEALTH

PROJECT

PROPOSED CONSTRUCTION:
THE MATUWA MINI HOSPITAL IN
SIAVONGA DISTRICT - SOUTHERN
PROVINCE

DESCRIPTION

SEWER RETICULATION LAYOUT

SEWER DETAILS

DATE

APRIL 2026

APPROVED BY

MoH - INFRASTRUCTURE
PS MWANZA ZIA

DESIGNED BY NDILILA ASSOCIATES

REVISOR ZAMBEZI RIVER
AUTHORITY

SCALE

AS SHOWN

DWG NO.