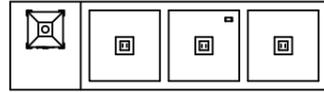




World Health Organization
Eastern Mediterranean Regional Office
Country Office, Kabul, Afghanistan

Design Concept of Containerized Health Center of BHC and SHC Level



Medical Waste Management Area

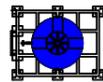


Septic Tank



Health Facility Building

Water Tank



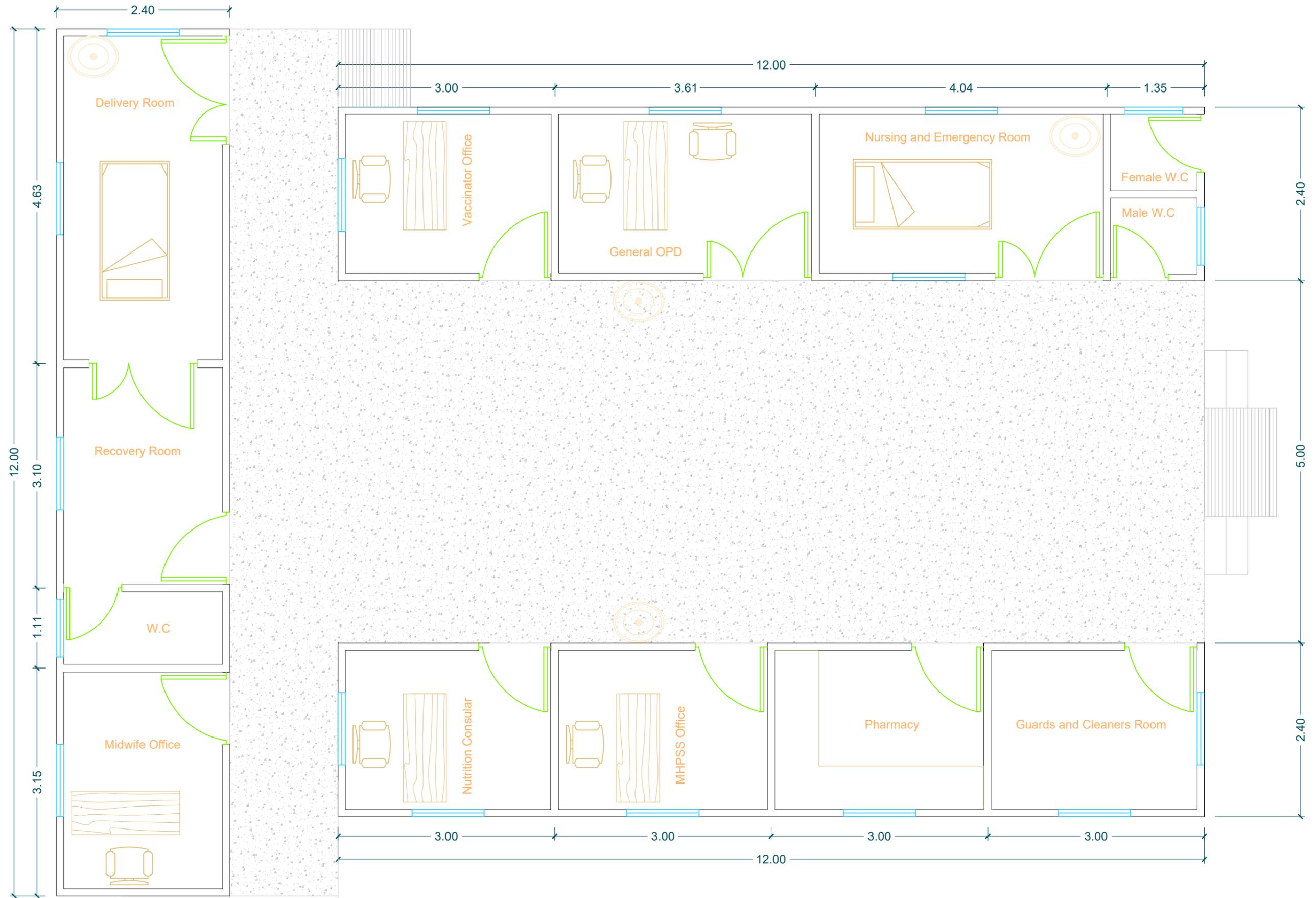
Bore Well



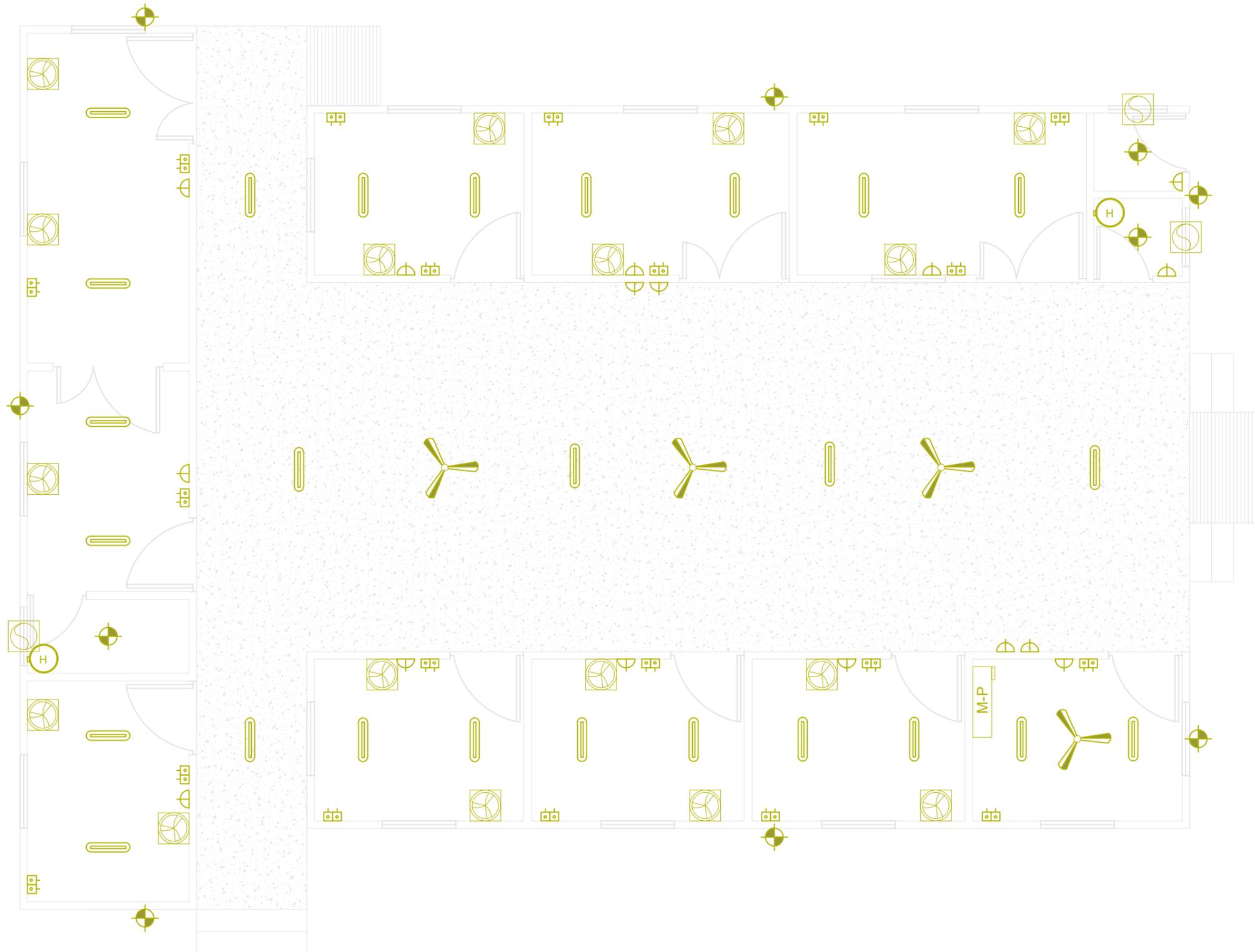
Site Plan

Scale: N/A

Unit : Meter

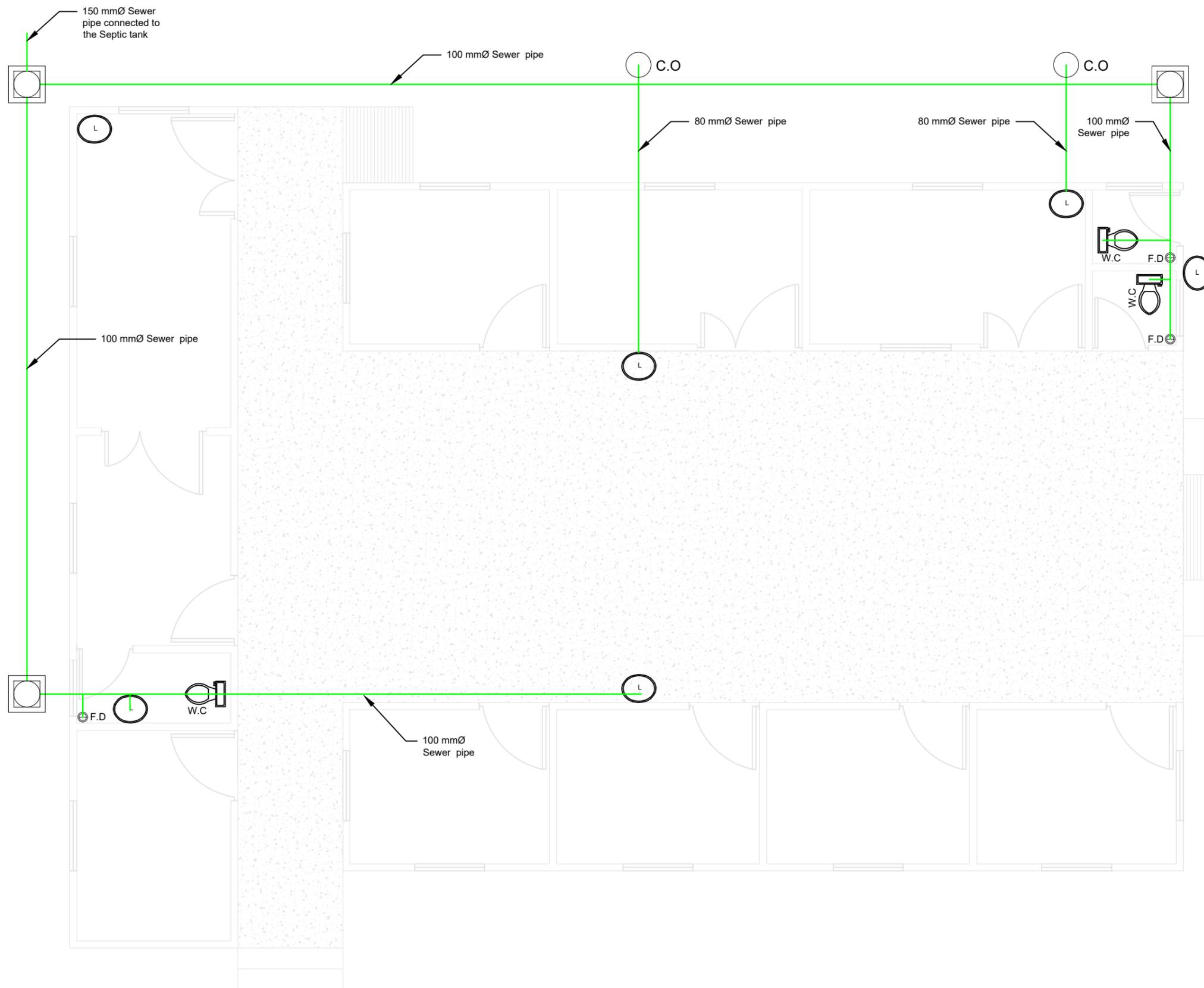


Floor Plan BHC and SHC Level HF's

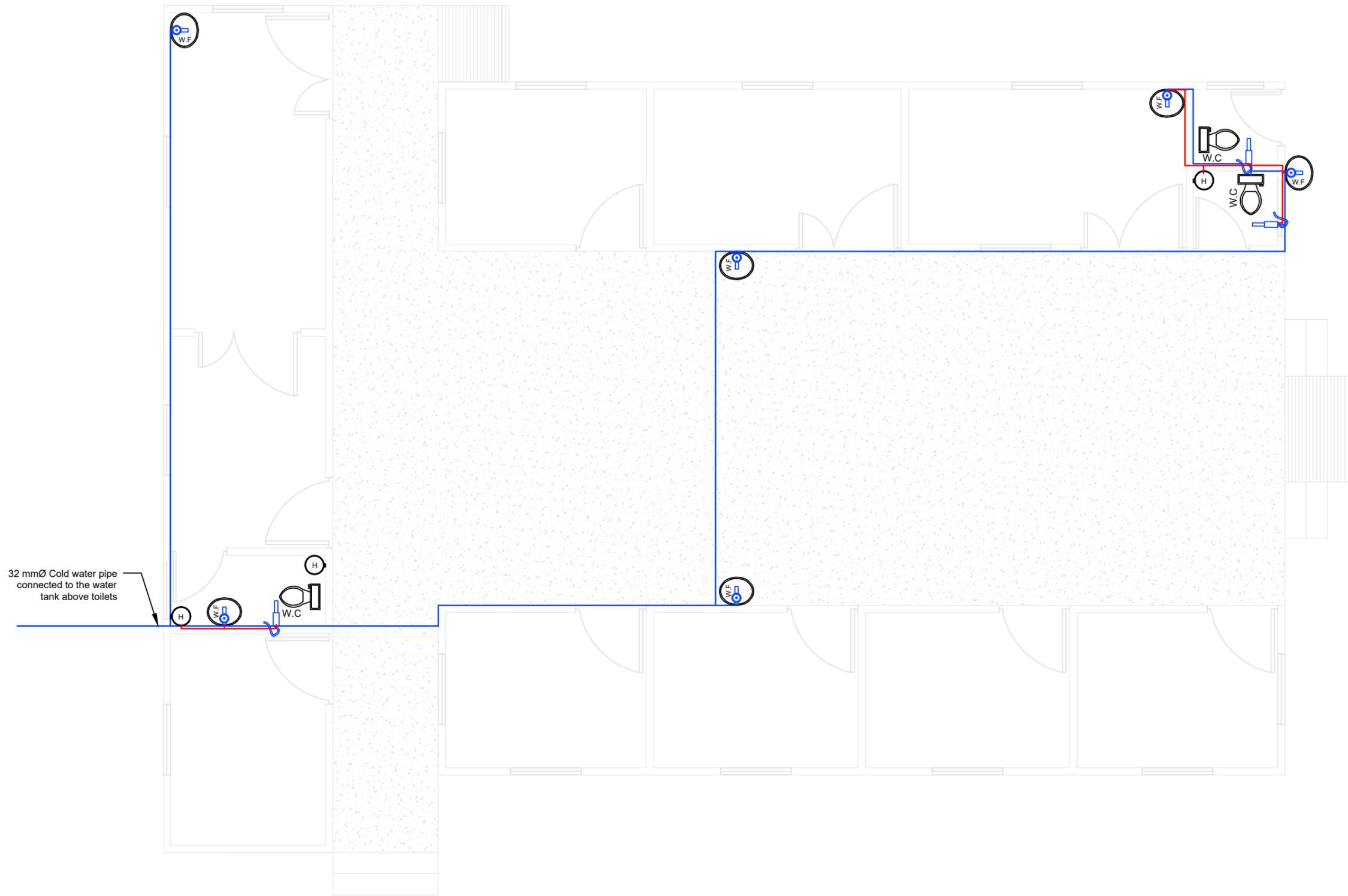


Legend	
Figure	Description
	Ceiling Fan
	LED Neon
	LED Light
	Double Socket
	Double Switch
	Exhaust Fan
	Water Heater
	Main Panel
	Wall mounted fan

Electrical Plan
 Scale: 1: 60
 Unit : Meter

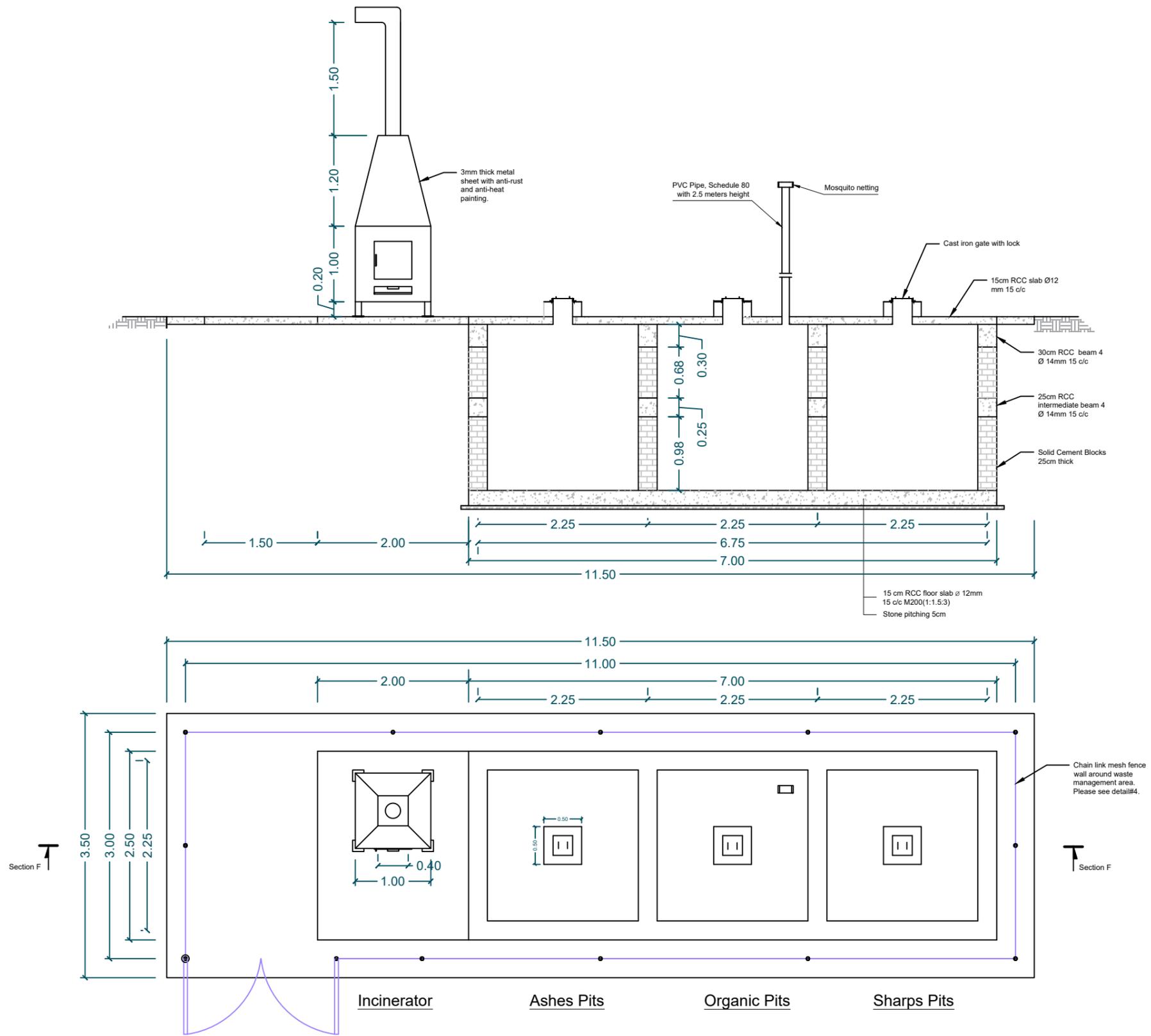


Legend		
Figure	Description	Abbreviation
	Water Closet	W.C
	Floor Drain	F.D
	Clean Out	C.O
	Lavatory	L
	Sewer pipe	S.P
	Inspection Chamber	S.P



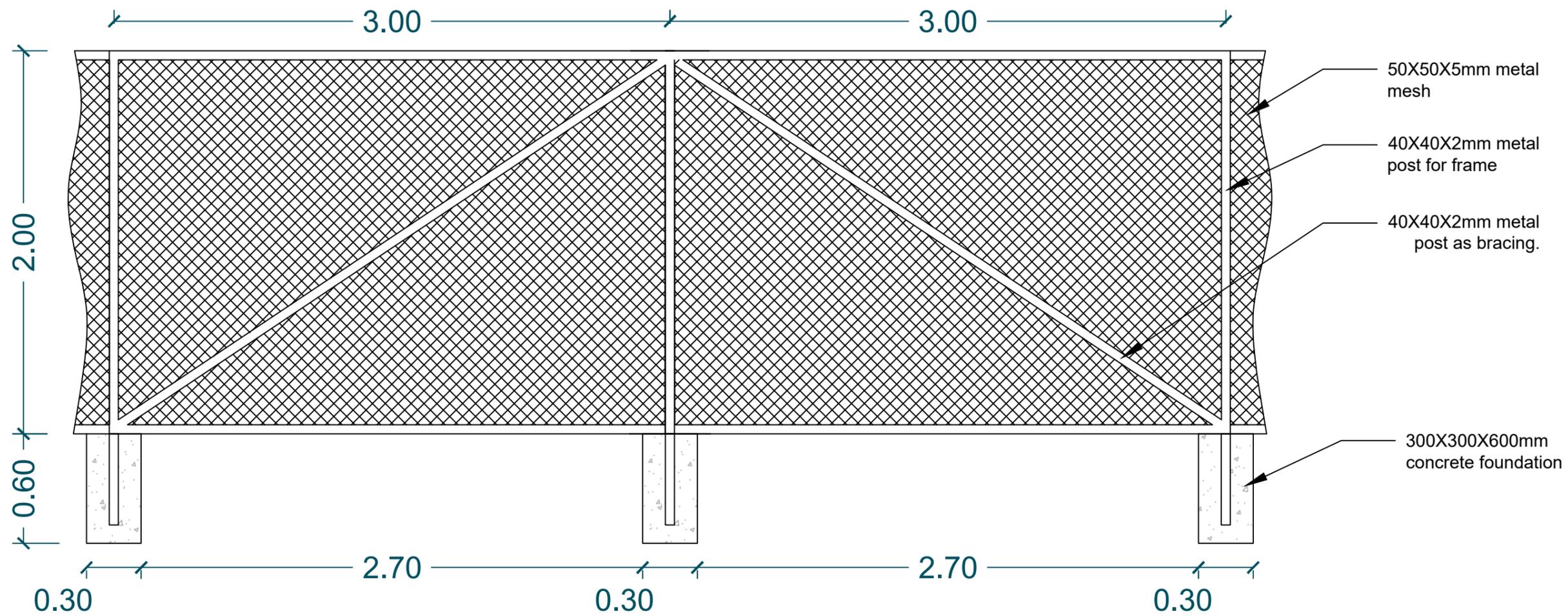
Legend		
Figure	Description	Abbreviation
	Water Closet	W.C
	Bidet Shower	B.S
	Lavatory	L
	Water Heater	H
	Water Faucet	W.F
	Cold Water Pipe	C.P
	Hot Water Pipe	H.P

32 mmØ Cold water pipe connected to the water tank above toilets



Medical Waste Management Facilities

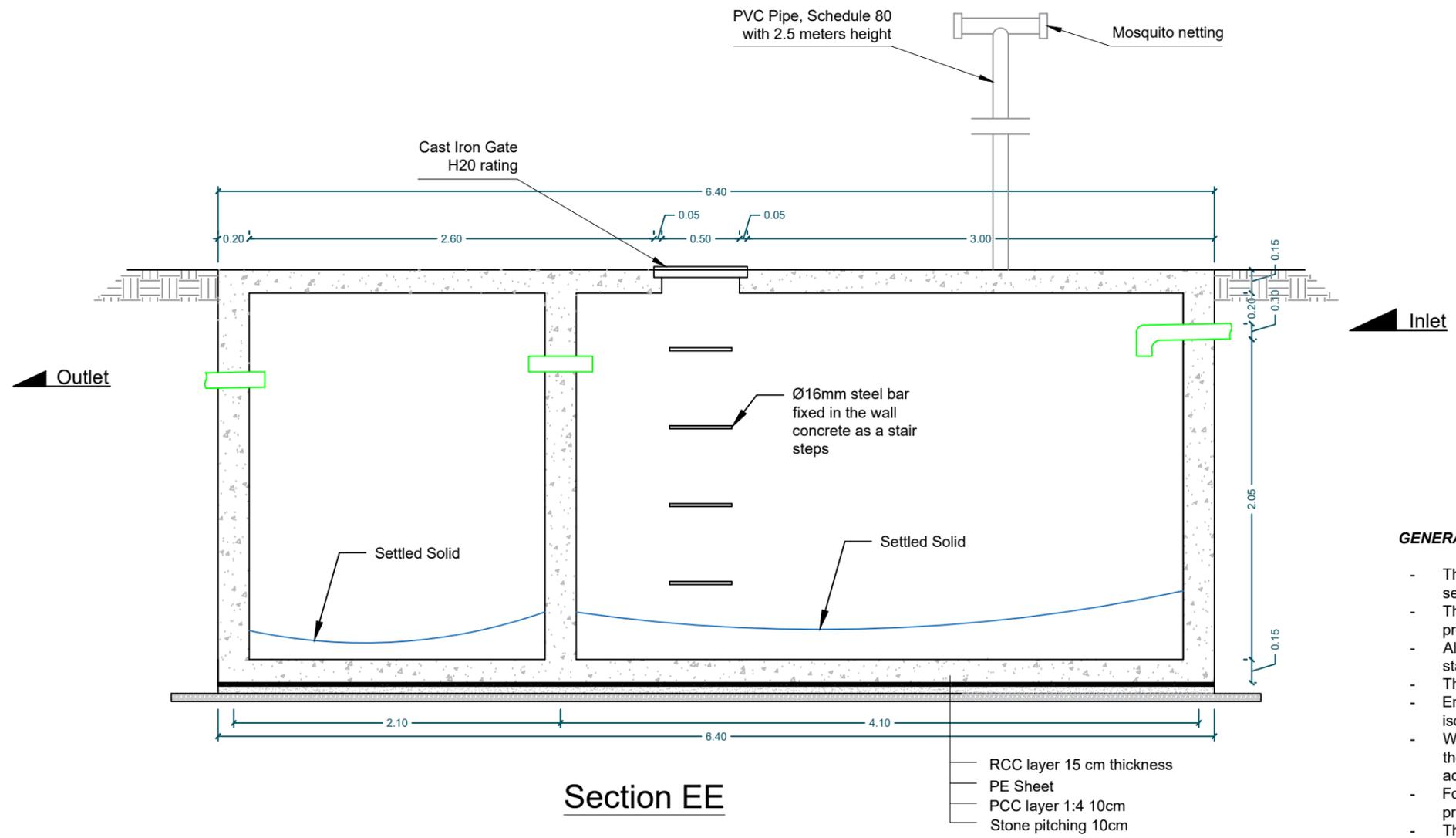
Scale: 1: 60
Unit : Meter



Perimeter Fence Details

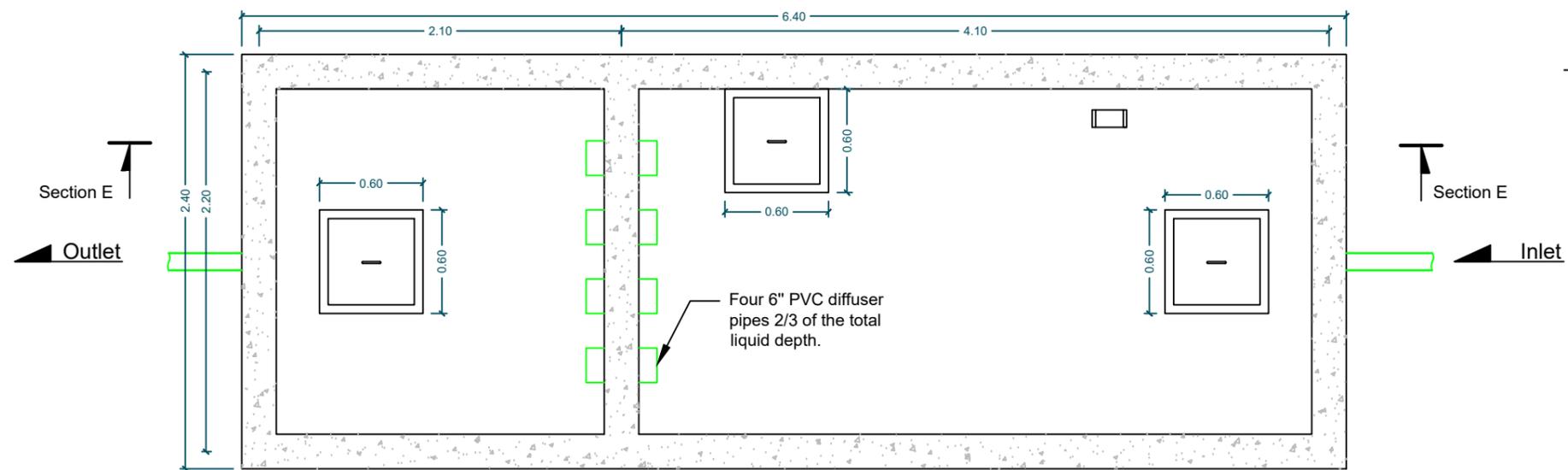
Scale: 1: 25

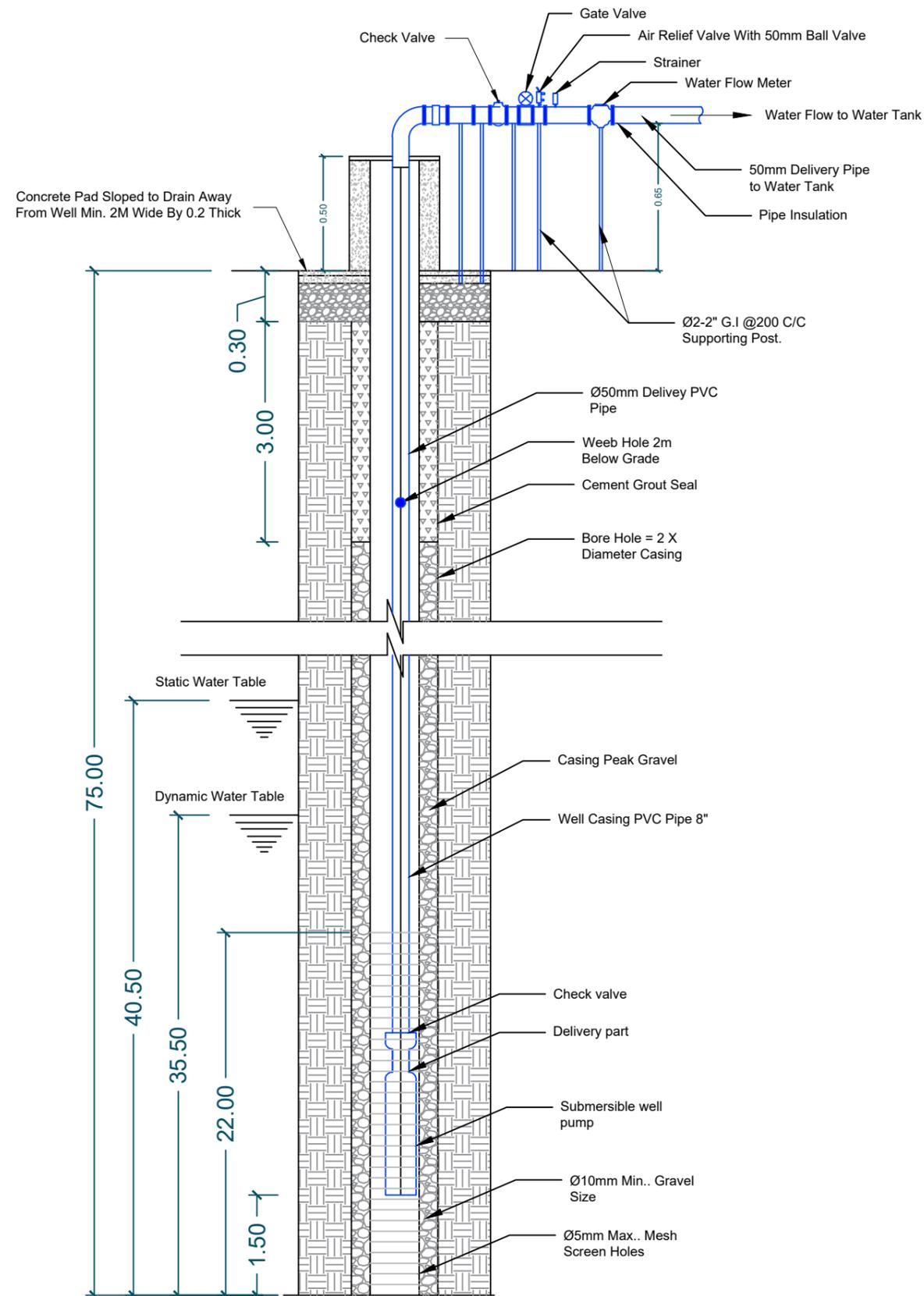
Unit : Meter



GENERAL NOTES:

- The septic tank should be located nearby the facilities it serves.
- The ventilation pipe needs to be of high quality PVC pipe provided with mosquito netting.
- All concrete works needs to be produced and cured as per standard.
- The inside wall must be plastered with mortar 1:4.
- Ensure that the wall and the bed of tank is watertight used isogam layer.
- Where the distance between the bed of the structure to the water table is less than 1.5m, the sizes need to be adjusted to increase the distance.
- For the dimension adherer to the furnished drawings. a prior approval is required if any changes were necessary.
- The outlet pipe should be connected to drain field.
- Only sewage water (black water) to be led to the tank.
- The inlet and outlet pipes with their respective t piece as are to be schedule 40 with 3mm thick. with the minimum diameter of 100mm and slope of the at least 2.5% although 5 % is preferable.
- All safety measures to be strictly followed during the construction.





Note:

1. Gravel Size Is 85 To 100 Percent Larger Than Well Screen Aperture
2. Gravel Pack Will Extend a Mini. A 3m Above the Top of the Screen
3. The Upper 3 Meters of Well Bore Will Be Sealed with Cement Grout Shall Be Placed in One Continuous Mass and Be Impermeable
4. The Space Around the Well Screen Will Be Filled with Crush Stone or Gravel Pack Size of Ø10mm - Ø 40mm

Bore Well Detail

Scale: 1: 40
Unit : Meter