

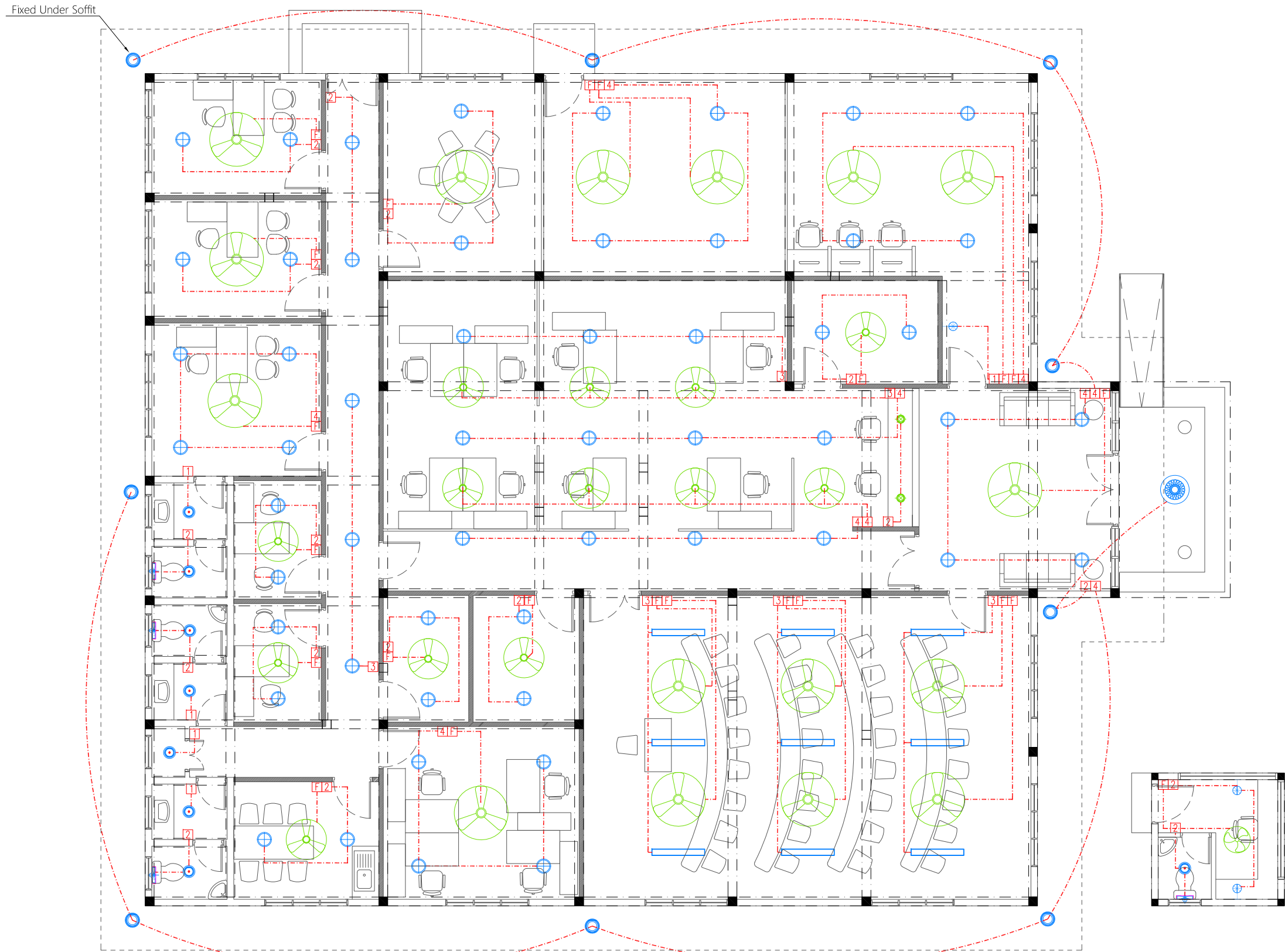
BUILDING SERVICES DRAWINGS OF  
PROPOSED SINGLE STOREY  
**COUNCIL OFFICE**

For LOCAL GOVERNMENT AUTHORITY

By Epoch Associates Pvt. Ltd







# Legend

- ⊕ Ceiling Light (12W)
- ⊙ Recessed Ceiling Light (12W)
- ⊕ Ceiling Down Light (18W) - Weather Proof
- ▬ 150 X 1200 Ceiling Recessed LED Panel
- ⊕ Indoor Wall Light (18W)
- ⊕ Decorative Pendant Light
- ⊕ Ceiling Mount Spot Light (5W)
- 1 2 3 4 Light Switch (1 Gang - 4 Gang)
- F Ceiling Fan Switch With Controller
- 29" To 36" Ceiling Fan
- 42" To 48" Ceiling Fan
- ↕ Wall Mounted Exhaust Fan

## GROUND FLOOR LIGHTING LAYOUT

1:100

### PROPOSED 01 STOREY BUILDING AT SINGLE STOREY COUNCIL OFFICE

Sub Title:  
COUNCIL PSI PROJECT

Client:  
LOCAL GOVERNMENT  
AUTHORITY

July 2019

Services By: Mohamed Rassam

Checked By:

Drawn By: Hussain Rasheed

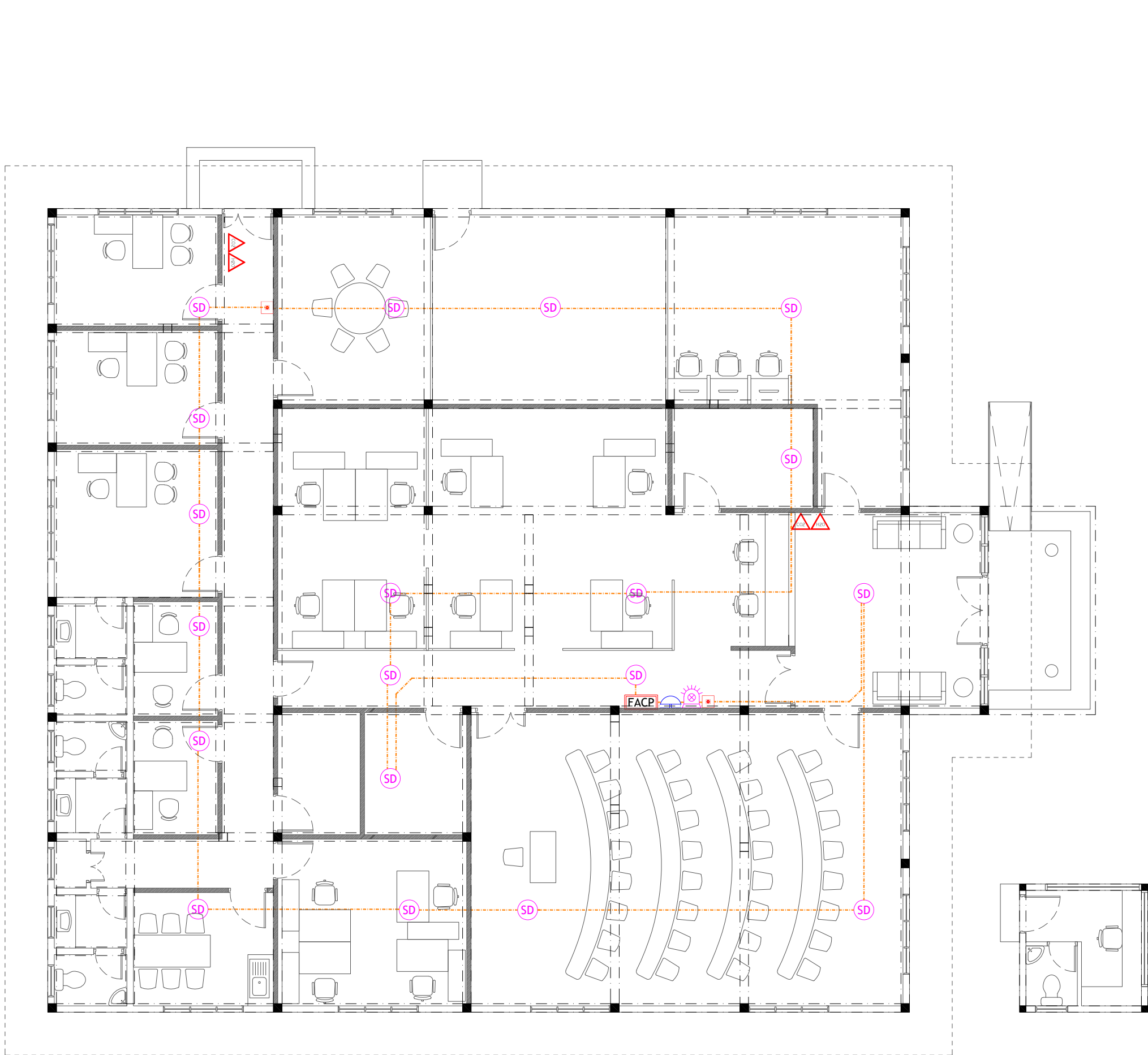


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Legend

-  CO<sub>2</sub> Extinguisher (load: 2kg) In Polycarbonate Enclosure
-  H<sub>2</sub>O Extinguisher (load: 9L) In Polycarbonate Enclosure
-  Manual Call Point
-  Smoke Detector
-  Beacon
-  Sounder Bell
-  2.5mm<sup>2</sup> Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits
-  FACP

1. ALL DRY RISER PIPES SHOULD BE GALVANIZED, SCHEDULE 40.
2. ALL DRY RISER PIPES SHALL BE PAINTED IN RED AS PER REGULATION.
3. ALL SUPPORT/BACKET SHALL BE HOT DIPPED GALVANIZED.

GROUND FLOOR FDP LAYOUT

1:100

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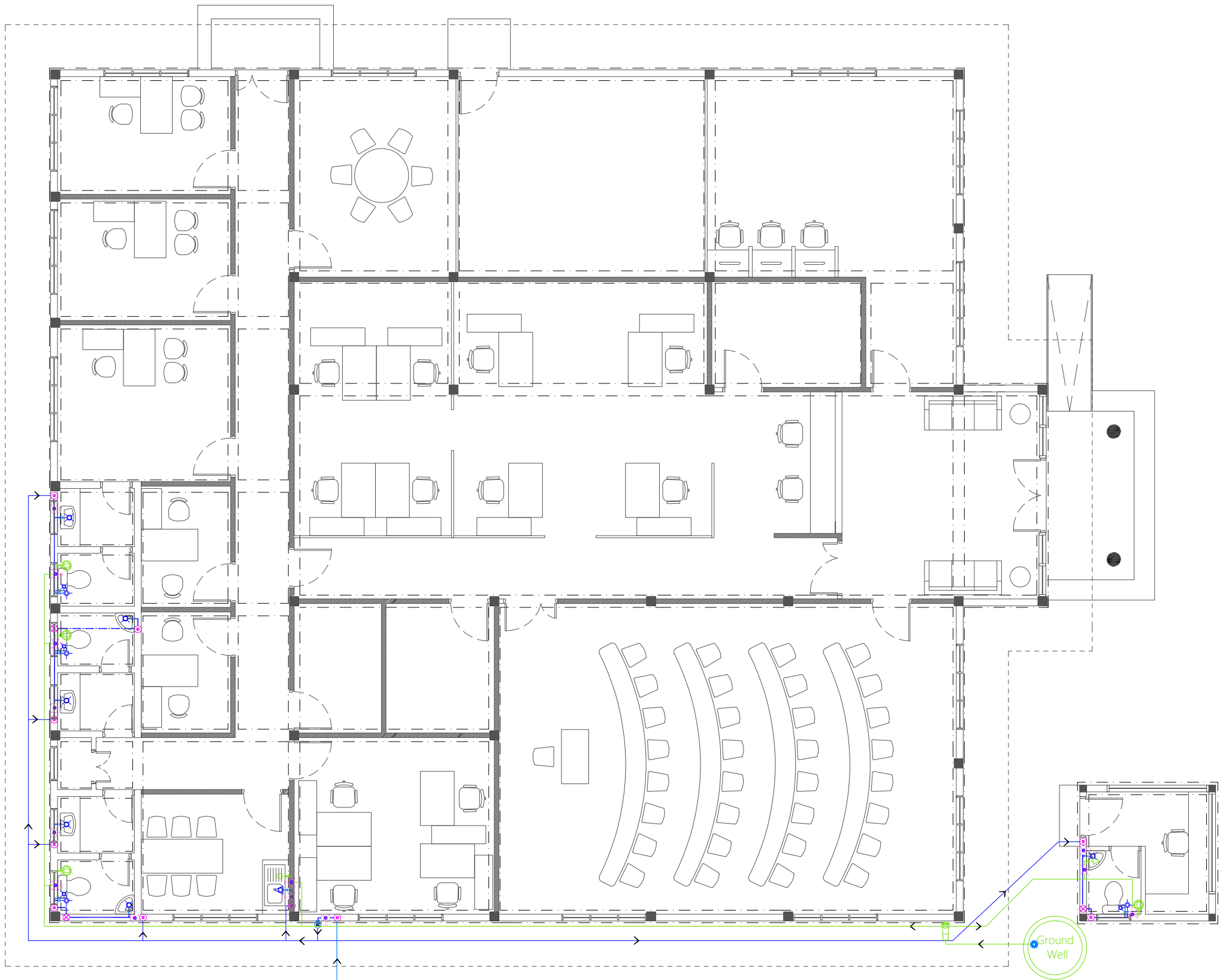
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- Legend
- 16Ø Cold Water Supply To Basin Faucet
  - 16Ø Cold Water Supply To Sink Tap
  - 16Ø Cold Water Supply To Bidet Shower
  - 16Ø Cold Water Supply To Cistern
  - Gate Valve
  - Rise In Wall
  - Drop In Wall
  - MWSC/FENAKA Meter
  - 20Ø Cold Water Supply Pipes Running Underground
  - 20Ø Cold Water Supply Pipes Running In Wall
  - 20Ø Cold Water Supply Pipes Running Underground
  - 20Ø Ground Water Supply (GWS) Pipe
  - Foot Valve With Strainer
  - Well Water Pump
  - 16Ø Ground Water Supply To Sink Tap
  - 16Ø Ground Water Supply To Cistern



PIPE FROM MAINS SUPPLY

GROUND FLOOR PLUMBING LAYOUT

1:100

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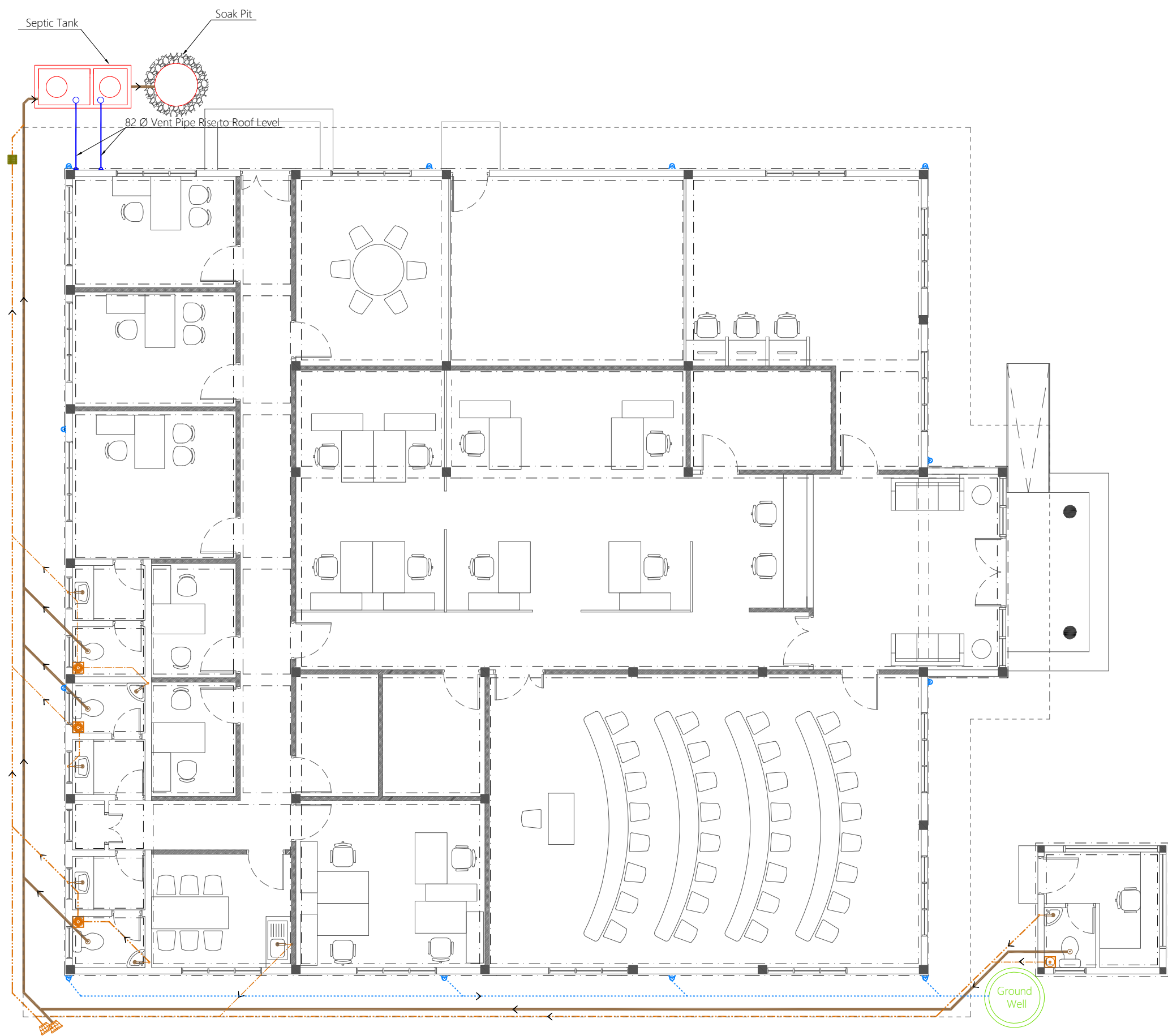
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..... **PL-01**  
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Legend

- Floor Drain
- Floor Gully
- 40Ø Stub For Washing Machine Or Tub
- 82Ø Soil Pipe (uPVC Pipe)
- 82Ø Soil Vent Pipe (uPVC Pipe)
- 63Ø Waste Pipe (uPVC Pipe)
- 63Ø Waste Vent Pipe (uPVC Pipe)
- 40Ø Waste Pipe (uPVC Pipe)
- 50Ø Manhole Vent Pipe (uPVC Pipe)
- 110Rain Water Pipes (uPVC Pipe)
- Gully Trap
- 110Ø Rainwater Outlet
- Clean Out Point
- Bottle Trap

Notes: -

- All Drainage Pipes Should Have At A Slope Of 1/150
- All Floor Drains Should Have 'P' Traps

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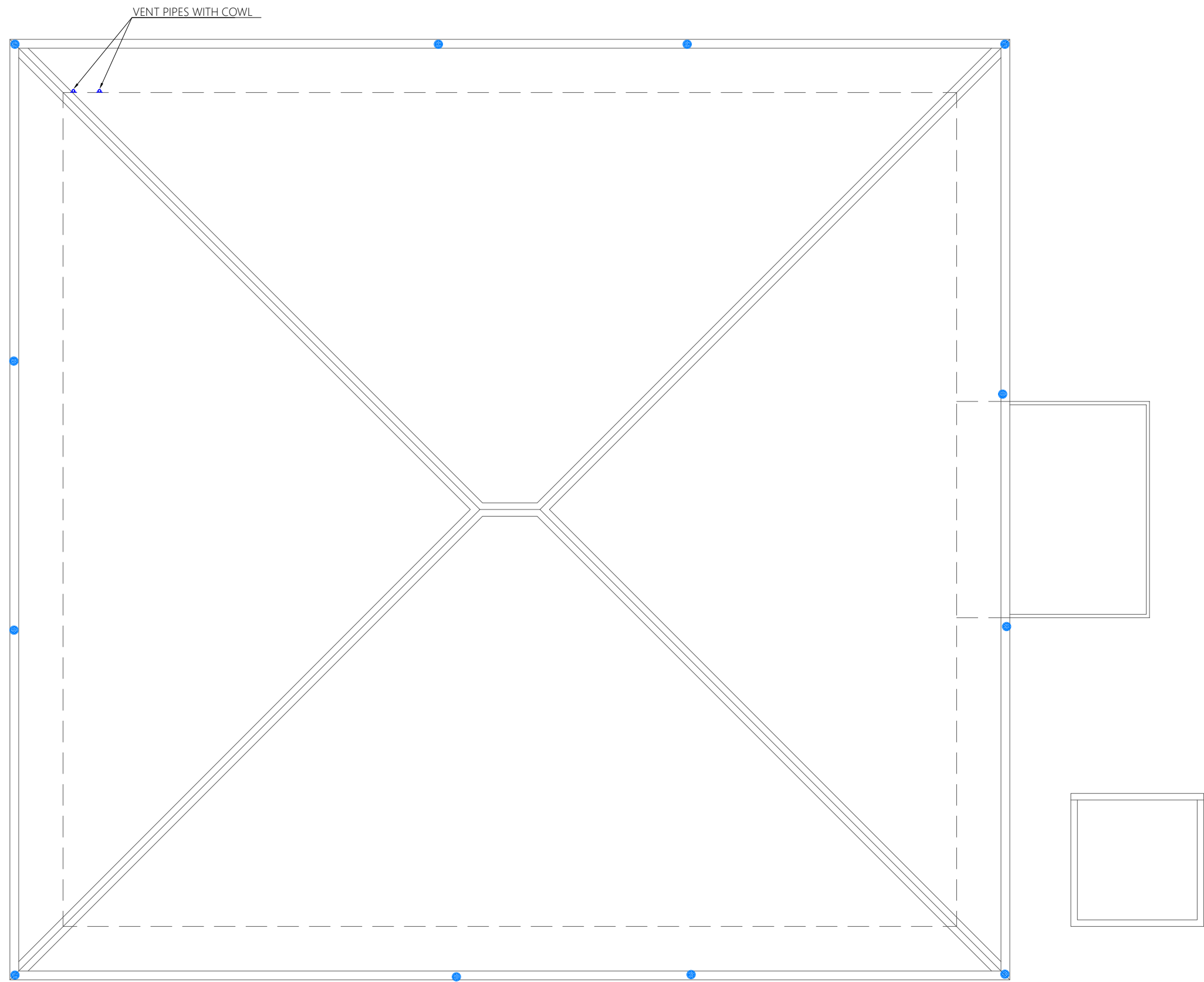


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**GROUND FLOOR DRAINAGE LAYOUT**

1:100



- Legend
- Floor Drain
  - Floor Gully
  - 40Ø Stub For Washing Machine Or Tub
  - 82Ø Soil Pipe (uPVC Pipe)
  - 82Ø Soil Vent Pipe (uPVC Pipe)
  - 63Ø Waste Pipe (uPVC Pipe)
  - 63Ø Waste Vent Pipe (uPVC Pipe)
  - 40Ø Waste Pipe (uPVC Pipe)
  - 50Ø Manhole Vent Pipe (uPVC Pipe)
  - 110Rain Water Pipes (uPVC Pipe)
  - Gully Trap
  - 110Ø Rainwater Outlet
  - Clean Out Point
  - Bottle Trap

Notes: -

- All Drainage Pipes Should Have At A Slope Of 1/150
- All Floor Drains Should Have 'P' Traps

ROOF DRAINAGE LAYOUT

1:100

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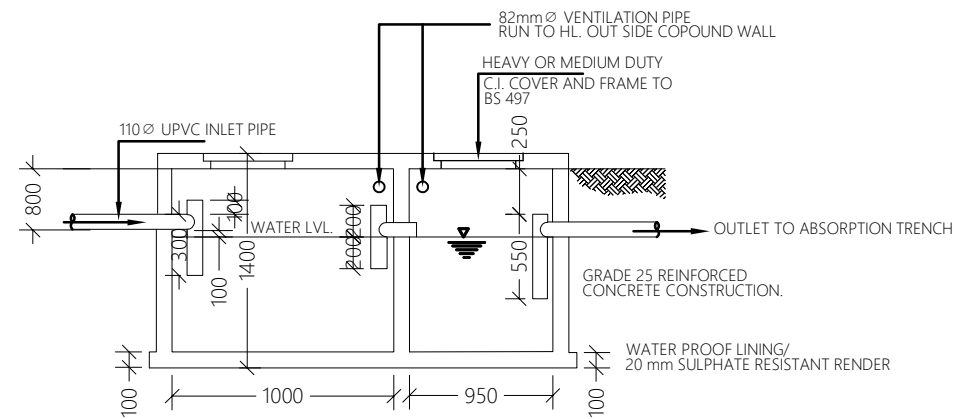
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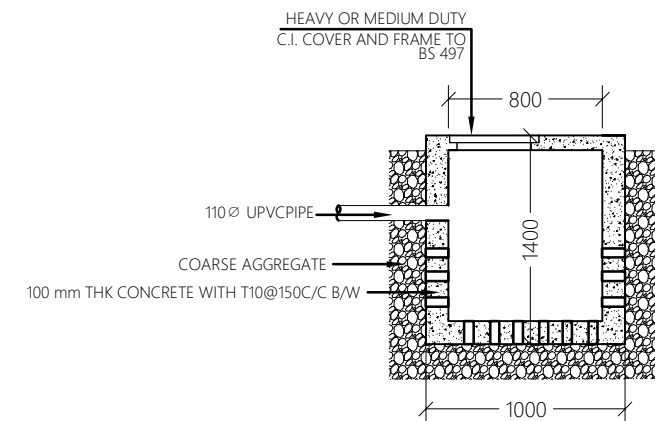
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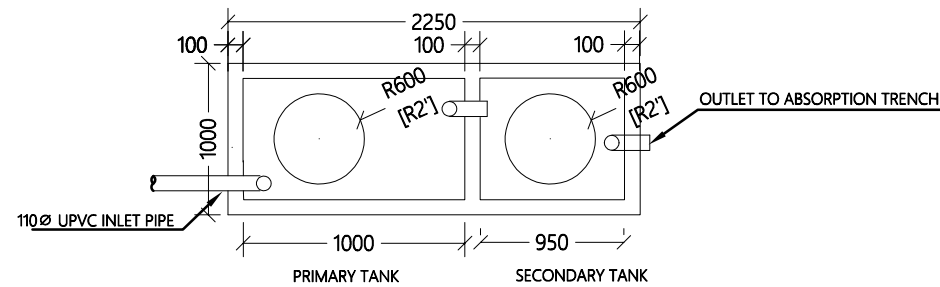




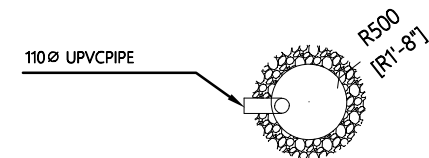
SEPTIC TANK SECTION



ABSORPTION TRENCH SECTION



SEPTIC TANK PLAN



ABSORPTION TRENCH PLAN

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DR-03

SEPTIC TANK DETAIL

1:100