

BUILDING SERVICES DRAWINGS OF
PROPOSED 04 STOREY CLASSROOM BLOCK AT
SH. FOAKAIDHOO

For Ministry Of Education

By Epoch Associates Pvt. Ltd



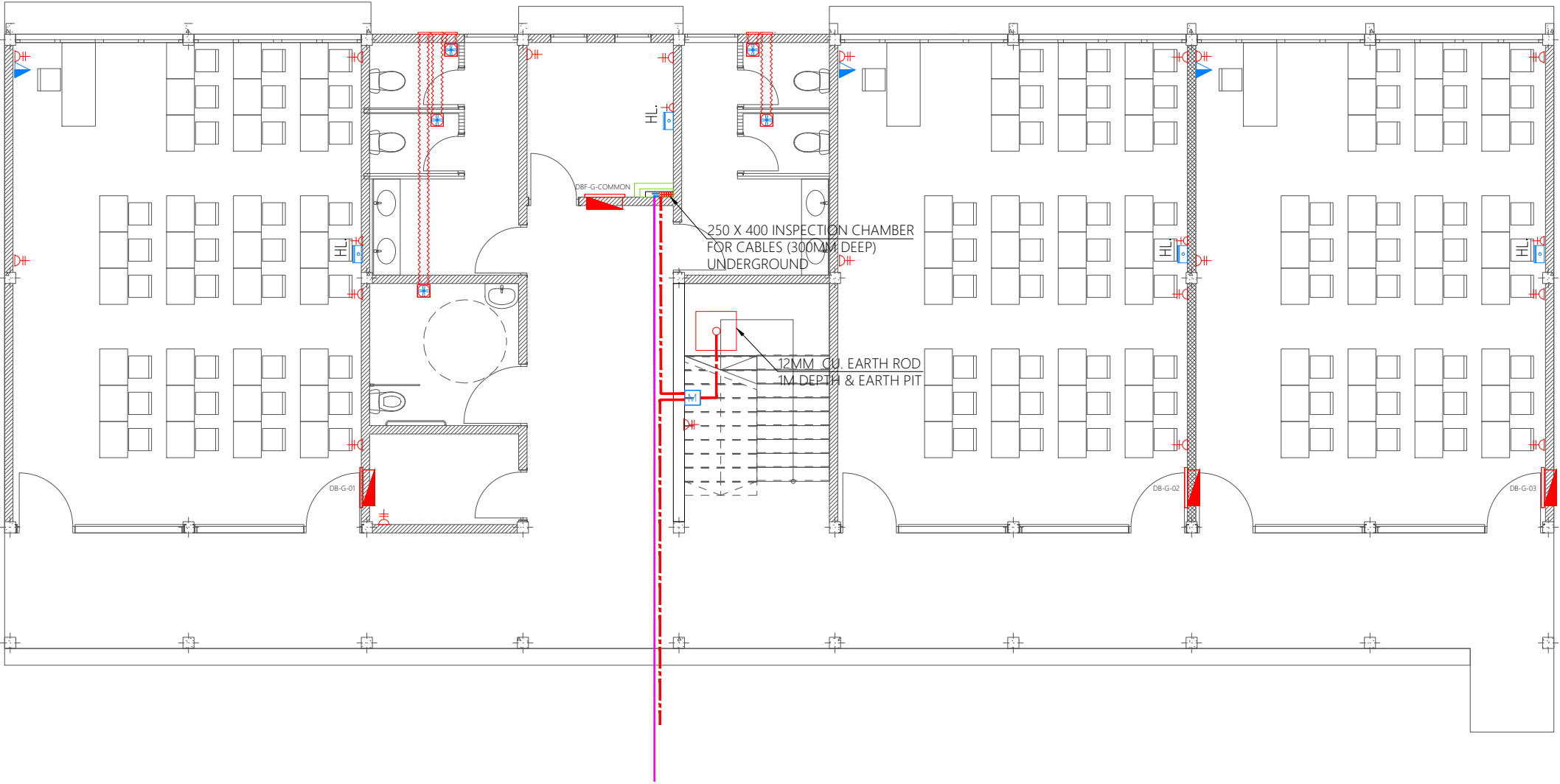
T: +960 333 3528 **E:** info@epoch.associates **W:** www.epoch.associates
A: 3rd Floor, G. Rosary West, Husnuheena Magu Male' Republic of Maldives

Legend

- 13A Twin Socket
- 13A Power Socket
- Distribution Board
- HL
- Main Incoming Cable For Power In 110Ø PVC Duct Below Ground Slab
- 82Ø PVC Duct For Internet Cables Lead In Below Ground Slab
- Computer Network Outlet
- Emergency Light
- Electricity Meter

Legend

- Ceiling Mounted Exhaust Fan 90m3/hr



PROPOSED 04 STOREY BUILDING AT
**12 CLASSROOM
BLOCK,
SH.
FOAKAIDHOO**
Client:
Ministry Of Education

September 2020

Services By: Mohamed Rassam
Checked By:
Drawn By: Hussain Rasheed



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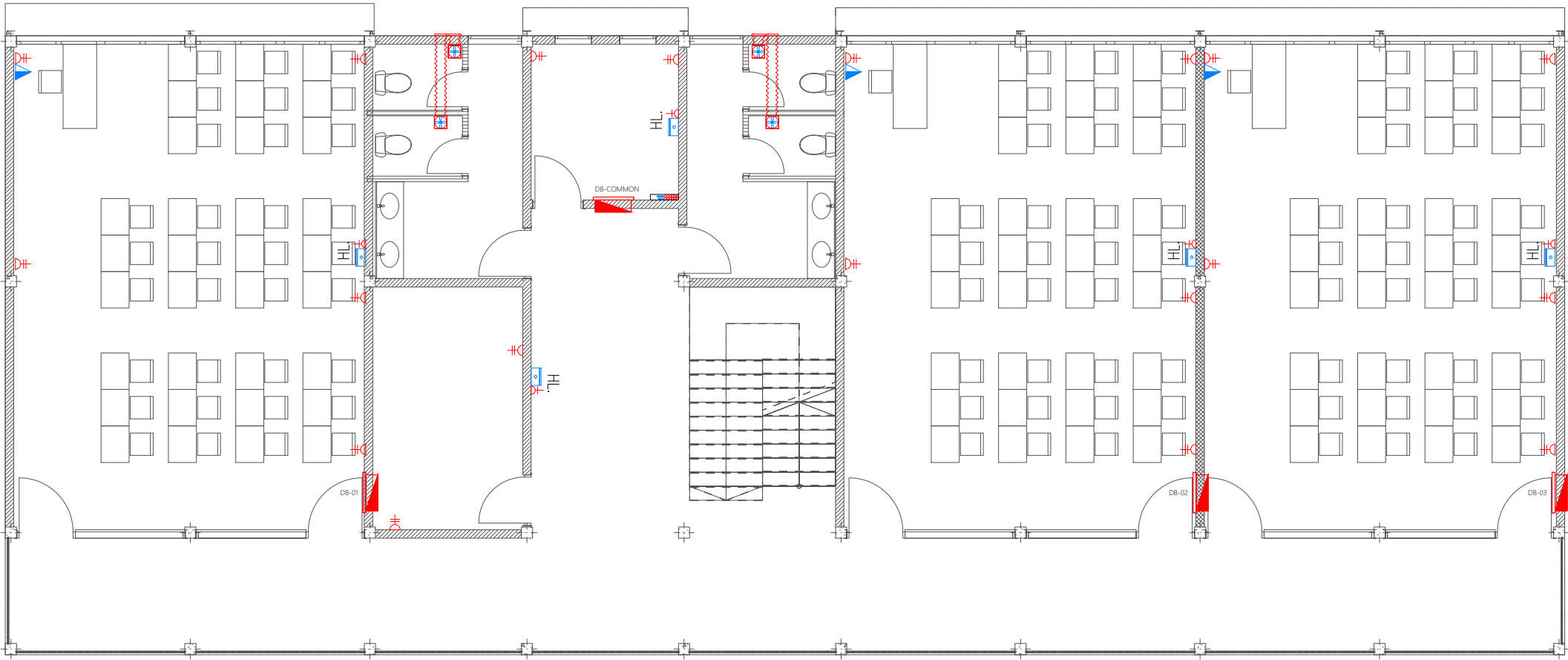
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Legend

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- 13A Power Socket
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Legend

- Ceiling Mounted Exhaust Fan 90m3/hr



FIRST TO THIRD FLOOR POWER AND ACV LAYOUT
1:100

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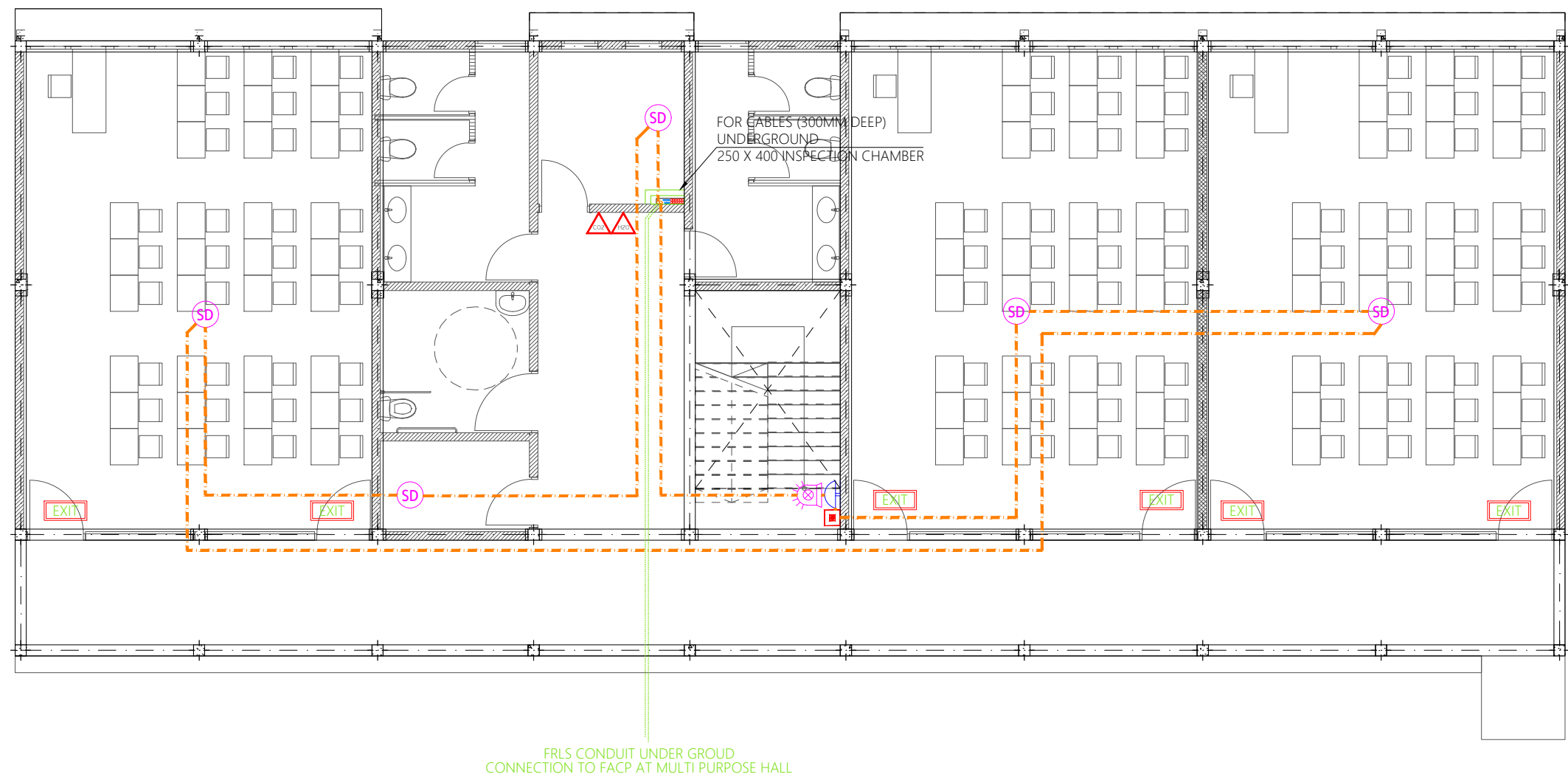


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Legend

-  CO₂ Extinguisher (load: 2kg) In Polycarbonate Enclosure
-  H₂O Extinguisher (load: 9L) In Polycarbonate Enclosure
-  Manual Call Point
-  Smoke Detector
-  Heat Detector
-  Beacon
-  Sunder Bell
-  2.5mm² Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits
-  Exit Sign



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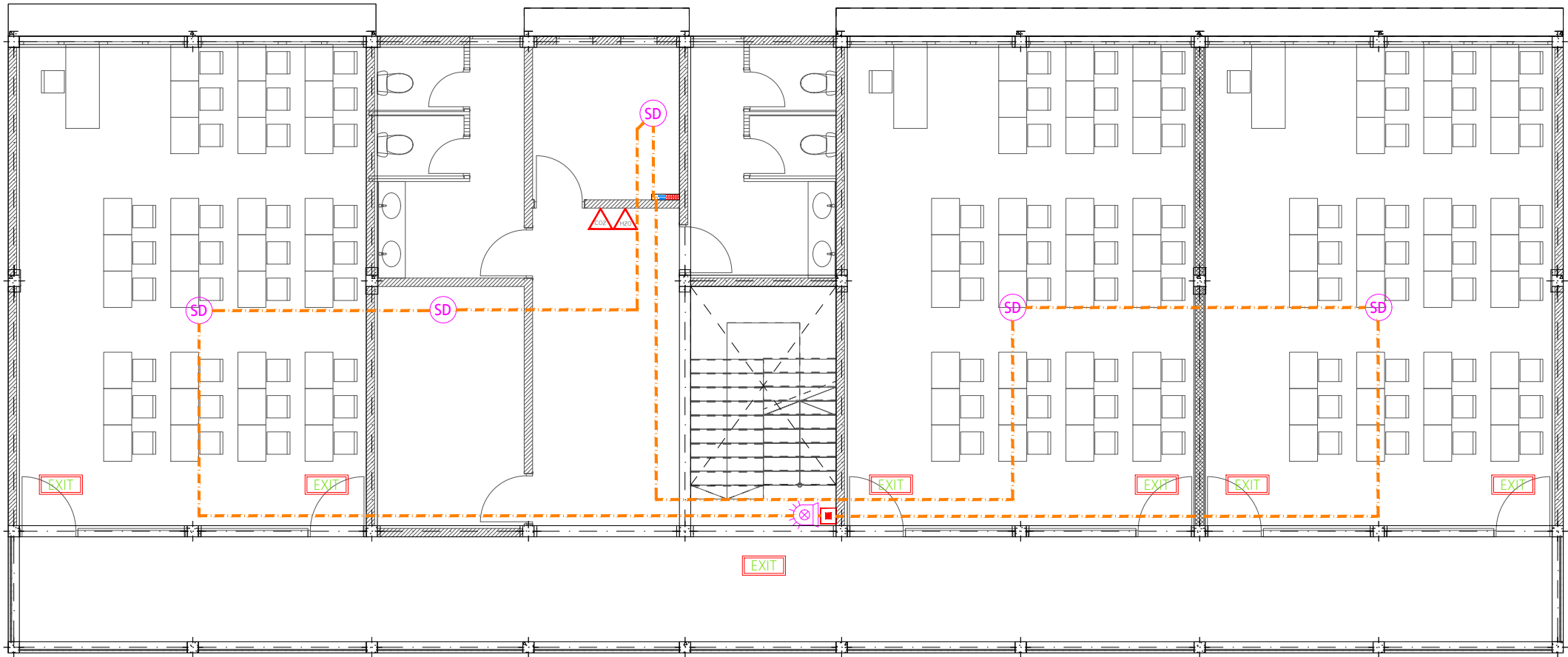


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FDP-01

Legend

-  CO₂ Extinguisher (load: 2kg) In Polycarbonate Enclosure
-  H₂O Extinguisher (load: 9L) In Polycarbonate Enclosure
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-  2.5mm² Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits
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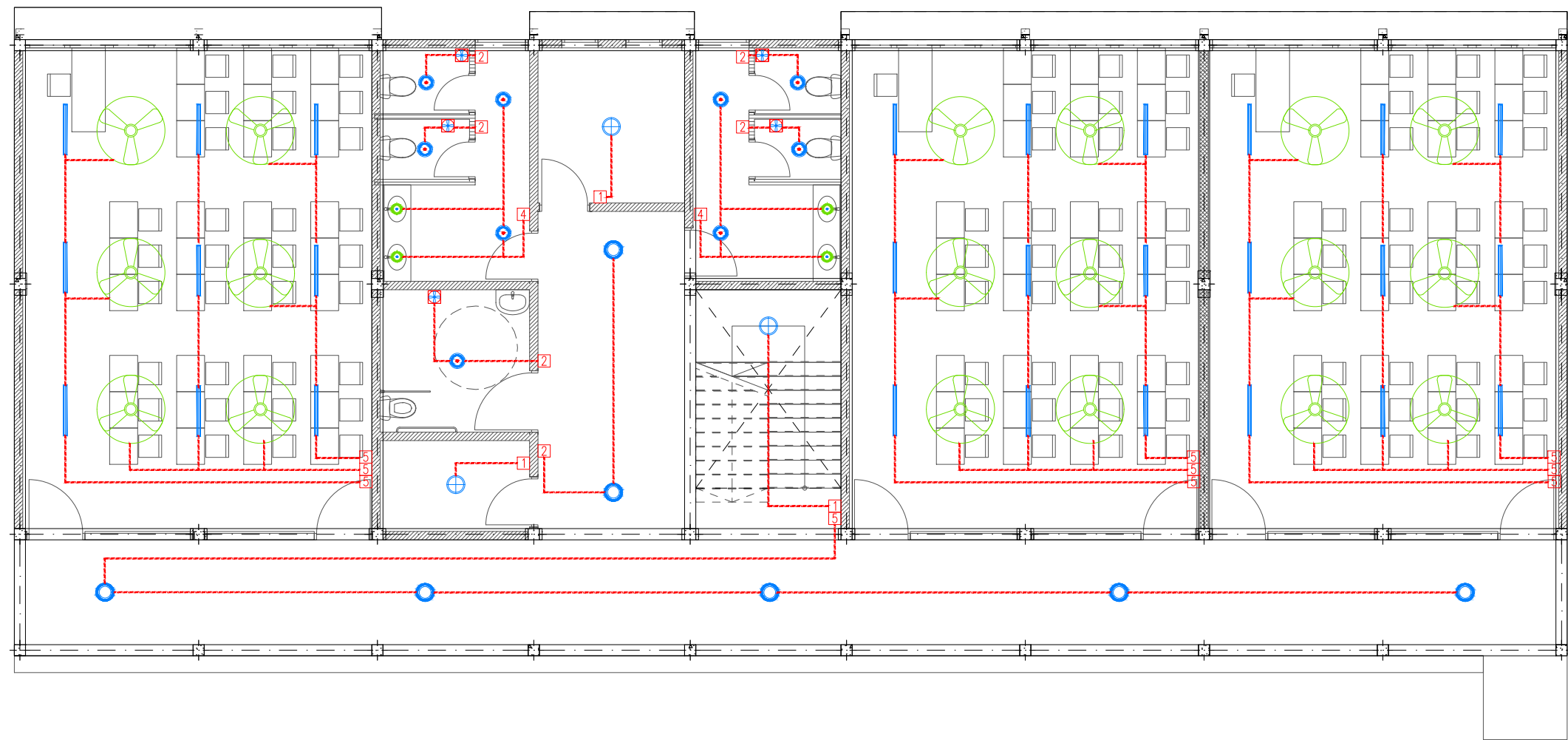


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Legend

- ⊕ Ceiling Light (18W)
- ⊕ Ceiling Light (12W)
- ⊙ Recessed Ceiling Light (12W)
- ⊙ Ceiling Down Light (18W) - Weather Proof
- 3 Ft Led Tube Light
- ⊙ Ceiling Recessed Spot Light (3W)
- 1 2 3 4 5 Light Switch (1 Gang - 5 Gang)
- ⊙ 42" To 48" Ceiling Fan



GROUND FLOOR LIGHTING LAYOUT
1:100

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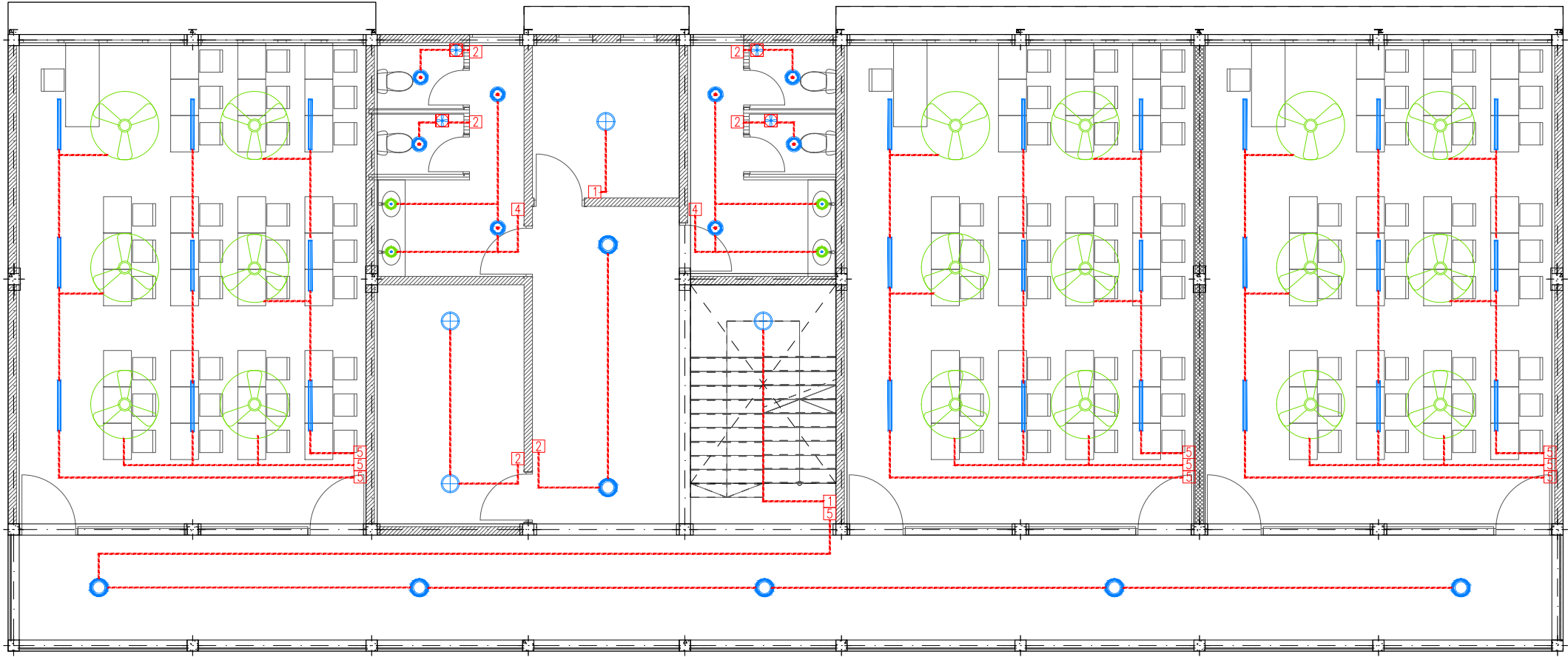


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-  Ceiling Light (12W)
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-  3 Ft Led Tube Light
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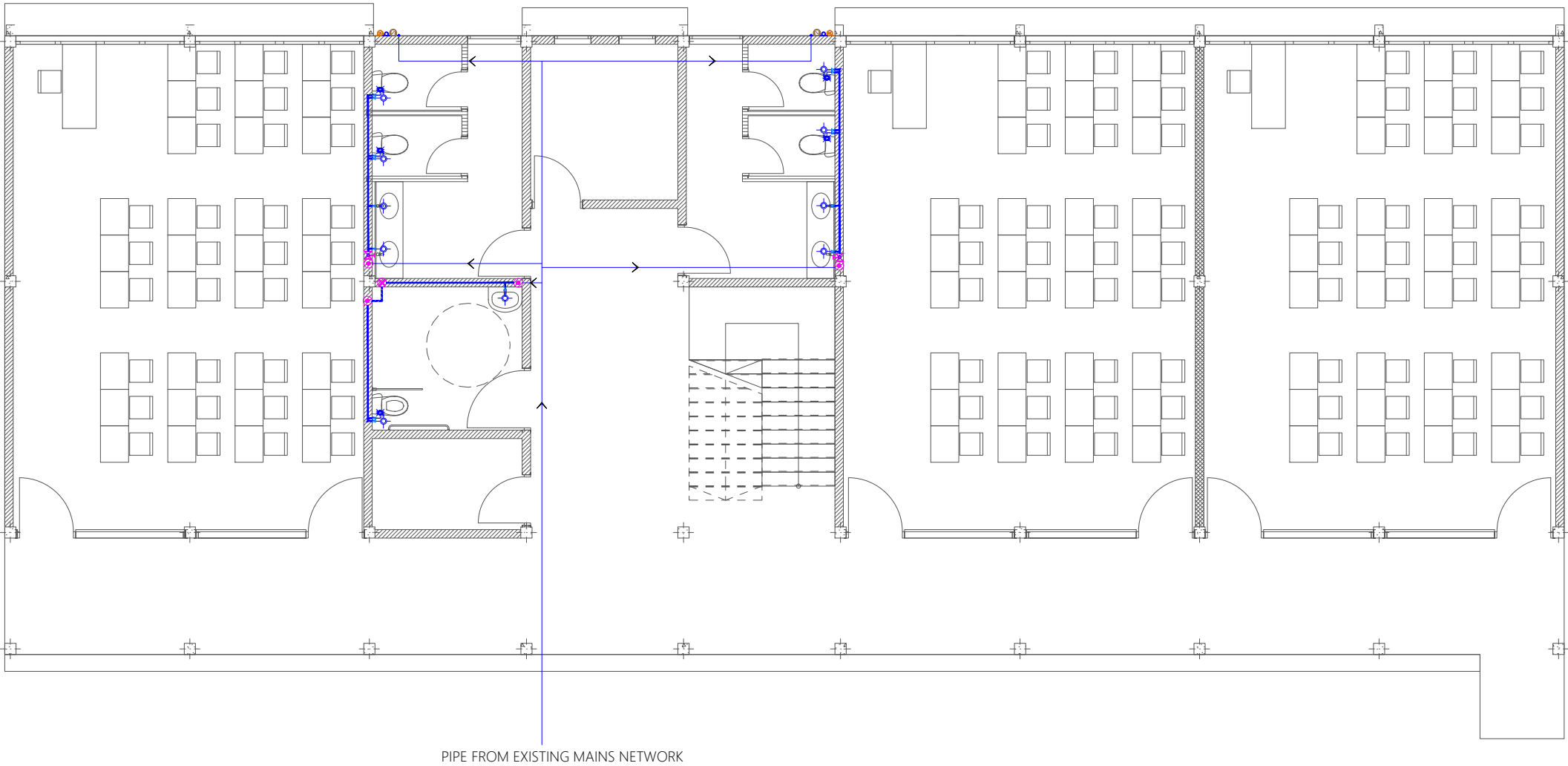
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Legend

- 16Ø Cold Water Supply To Basin Faucet
- 16Ø Cold Water Supply To Bidet Shower
- 16Ø Cold Water Supply To Cistern
- Gate Valve
- Rise In Wall
- Drop In Wall
- 25Ø Cold Water Supply Pipes Running Underground
- 20Ø Cold Water Supply Pipes Running In Wall
- 20Ø Cold Water Supply Pipes Running Above False Ceiling
- 20Ø Cold Water Supply Pipes Running Underground

Notes: -

- All Cold Water Pipes Should Be PVC
- SII Hot Water Pipes Should Be PPR



GROUND FLOOR PLUMBING LAYOUT
1:100

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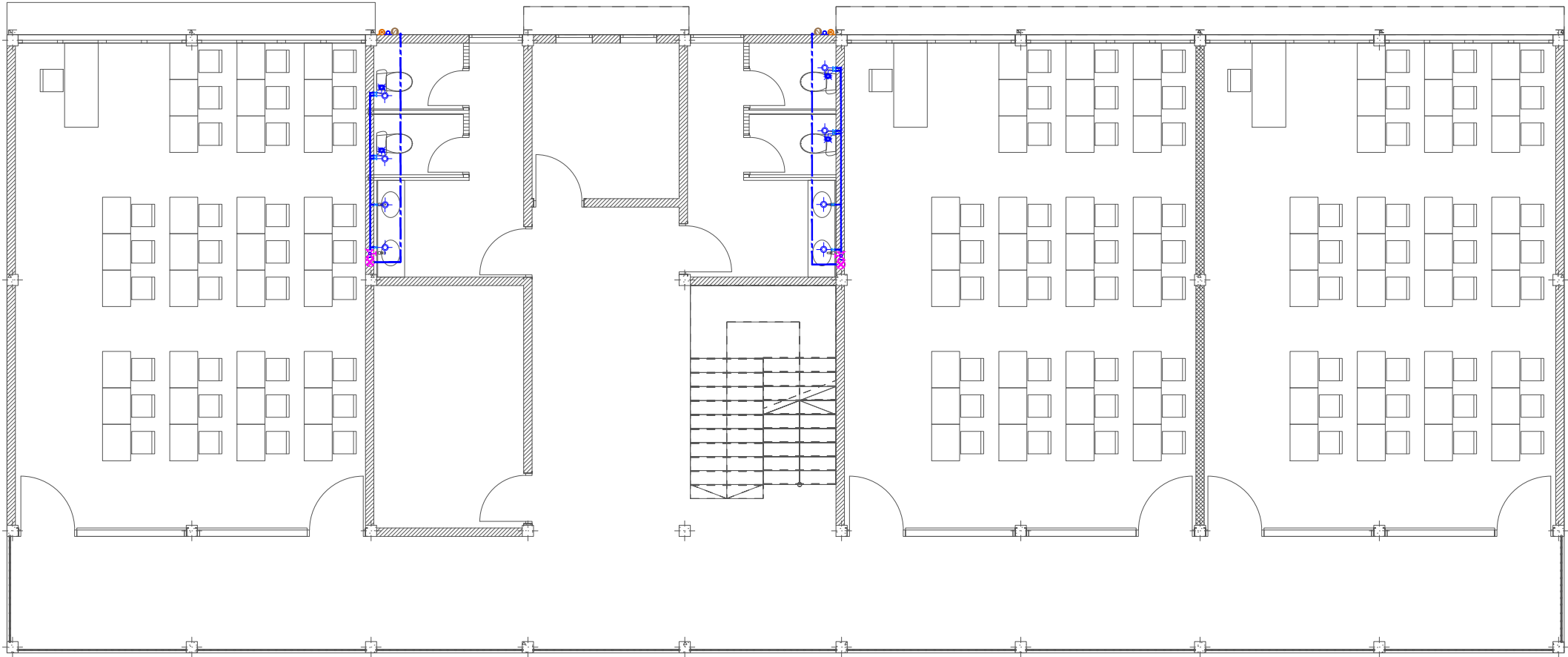
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FIRST TO THIRD FLOOR PLUMBING LAYOUT
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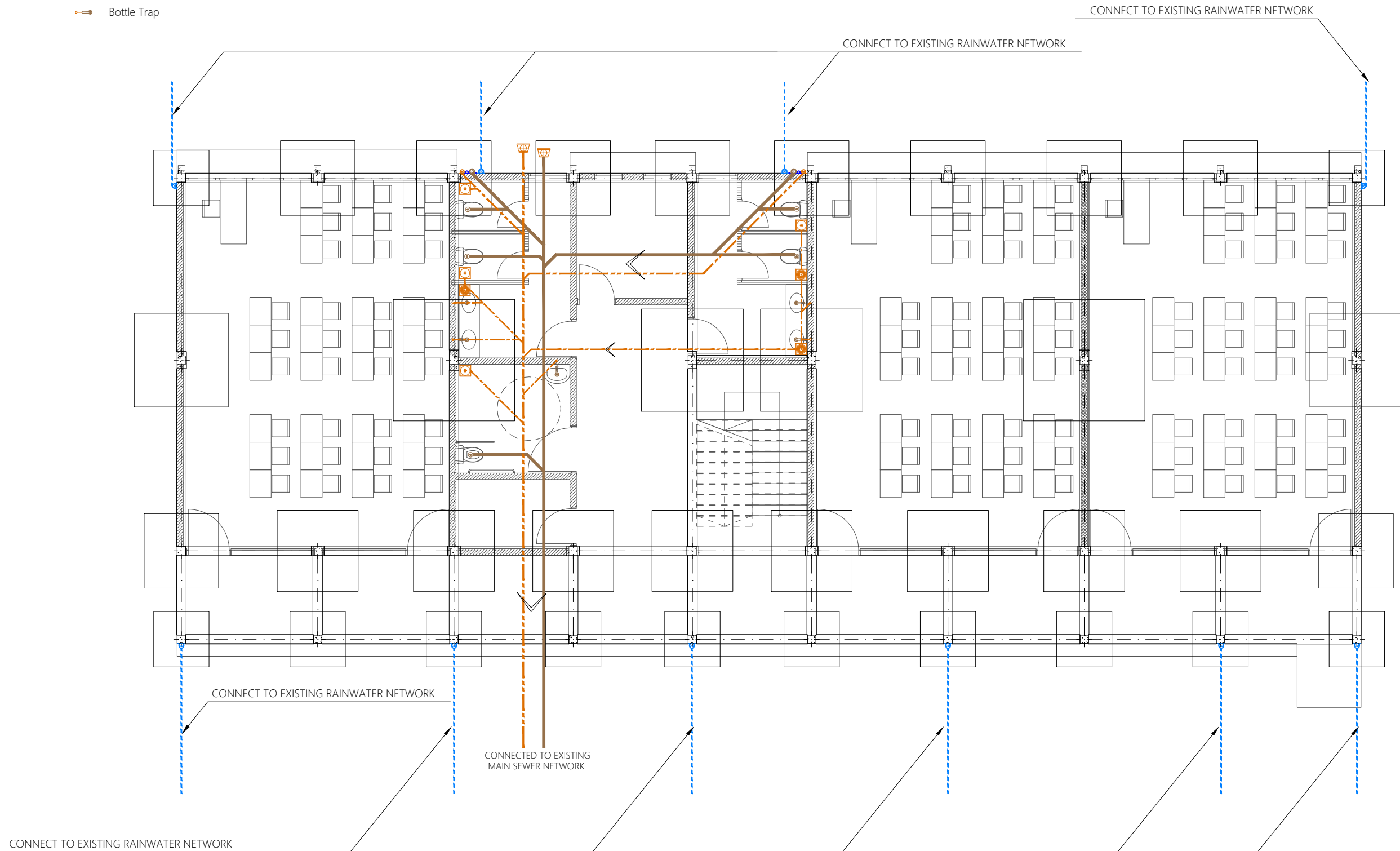
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Legend

-  Floor Drain
-  Floor Gully
-  110Ø Soil Pipe (uPVC Pipe)
-  110Ø Soil Vent Pipe (uPVC Pipe)
-  82Ø Waste Pipe (uPVC Pipe)
-  82Ø Waste Vent Pipe (uPVC Pipe)
-  40Ø Waste Pipe (uPVC Pipe)
-  63Ø Manhole Vent Pipe (uPVC Pipe)
-  110Ø Rain Water Pipes (uPVC Pipe)
-  110Ø Rainwater Outlet Perforated Cowl
-  Clean Out Point
-  Bottle Trap

Notes: -

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



GROUND FLOOR DRAINAGE LAYOUT

1:100

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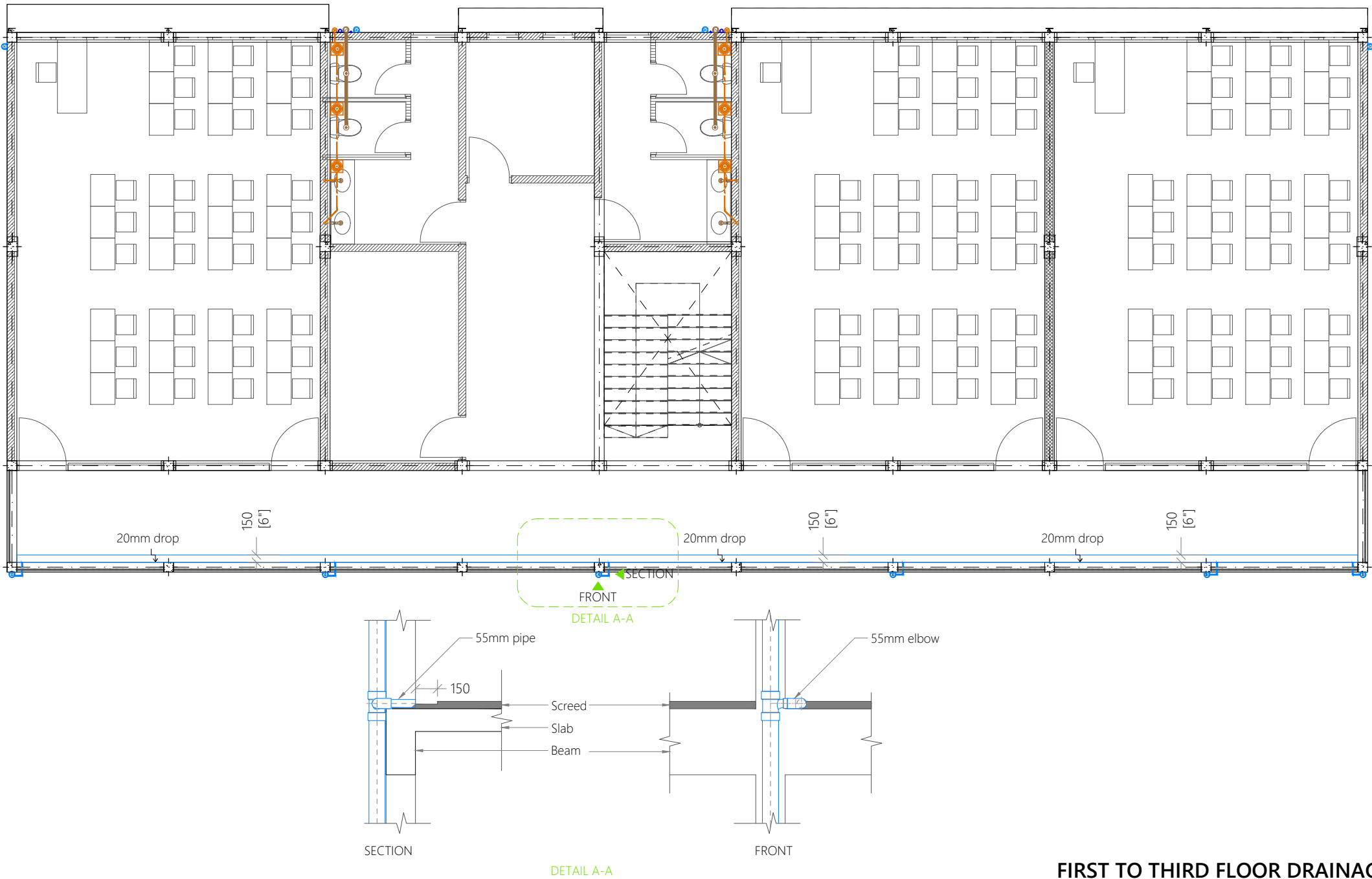
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FIRST TO THIRD FLOOR DRAINAGE LAYOUT

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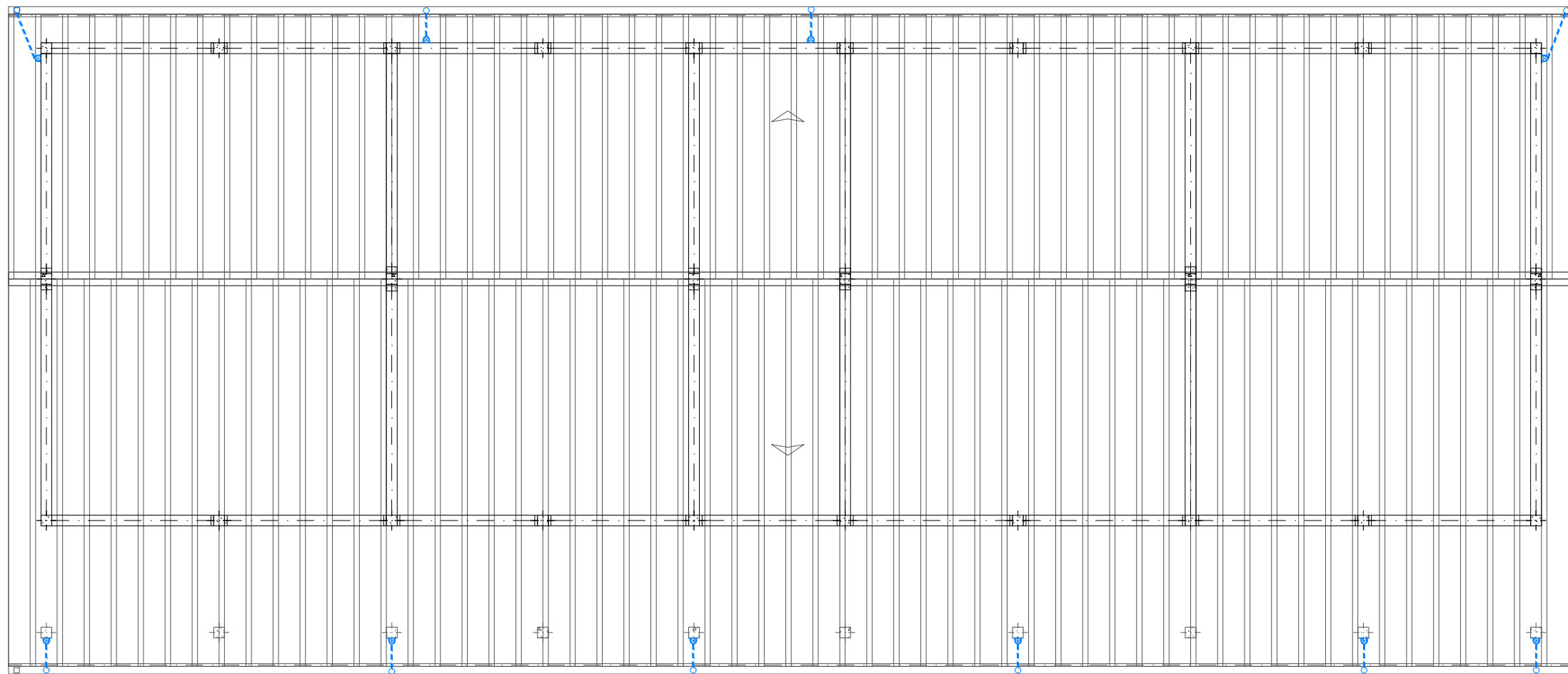
Page: **DR- 02**

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ROOF DRAINAGE LAYOUT

1:100