



Design Of Cable Landing Data Station Facility

BUILDING SERVICES DRAWINGS

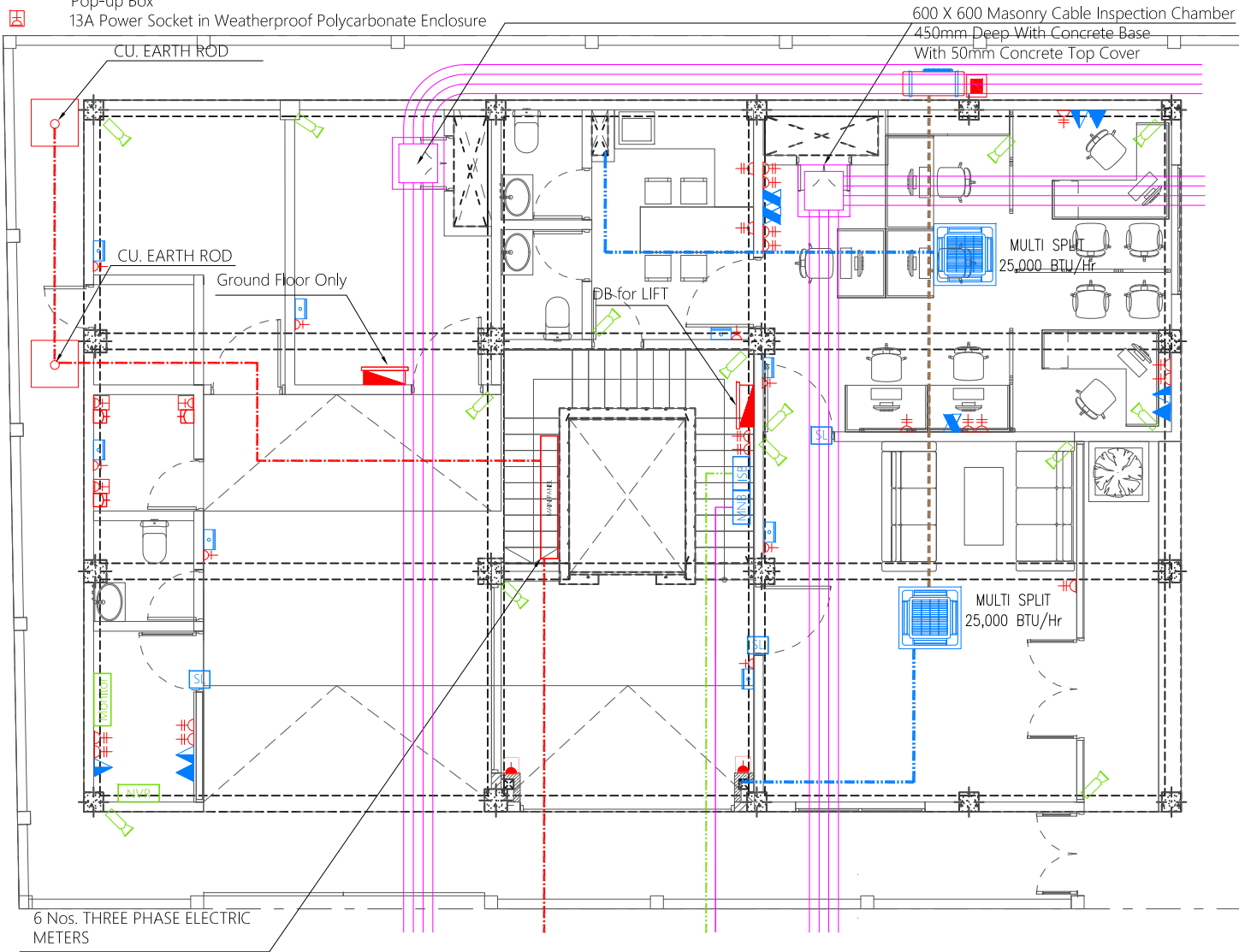
Ocean Connect Maldives Pvt Ltd

Power Legend

- | | | | | | |
|--|--|--|--|--|---|
| | 15A Socket In Polycarbonate Box | | Angular Camera | | Twin Computer Network Outlet |
| | 13A Twin Socket | | Network Video Recorder | | Computer Network Outlet In Floor Mount Pop-up Box |
| | 15A Switched Socket @ H.L. | | Security Monitor | | Electronic Digital Smart Key Card Door Lock |
| | 13A Power Socket | | 110Ø PVC Duct For Tel./Internet Cable Lead In Below Ground Slab | | Wireless Access Point |
| | 20A TPN Isolator | | 82Ø PVC Duct For TV Cable Lead In Below Ground Slab | | Internet Switchboard |
| | Distribution Board | | Main Incoming Cable For Power In 110Ø PVC Duct Below Ground Slab | | Telephone Outlet |
| | 13A Twin Socket In Floor Mount Pop-up Box | | | | |
| | 13A Power Socket in Weatherproof Polycarbonate Enclosure | | | | |

- | | |
|--|-------------------------|
| | Computer Network Outlet |
| | Emergency Light |
| | IT Distribution Board |
| | Medianet Booster |

- Notes: -**
- All 13A Power Outlets For Kitchen Hood Or Under Cabinet Or Wardrobe Lights At 1800mm From F.F.L.
 - All Twin Sockets At 300mm From F.F.L. Except Located At Kitchen Cupboard Area Which Shall Be At 1200mm From F.F.L.
 - All Computer, TV And Telephone Points At 300mm From F.F.L.
 - All 20A Switched Neon Indicator At 1200mm From F.F.L.



ACV Legend

- | | |
|--|--|
| | Refrigerant Pipes |
| | 25Ø Condensate Drain Pipe |
| | 40Ø Condensate Drain Riser Pipe |
| | Wall Mount Air Conditioner |
| | 4-Way Cassette Air Conditioner |
| | Outdoor Condensing Unit |
| | Multi Split Outdoor Condensing Unit (Wall Mount) |

- Notes: -**
- Where Condensate Drain Pipes Are Connected To Wash Basin Or Kitchen Sink, 25 Ø Condensate Drain Pipe Is Extended In 32 Ø Flex Conduit Into 40 Ø Waste Pipe Of Respective Basin Or Sink

Proposed 05 Storey Building At

Design Of Cable Landing Data Station Facility

Client
Ocean Connect Maldives Pvt Ltd

27/10/2022

Services By **Mohamed Rassam**
Checked By **-**
Drawn By **Mohamed Nazran Nazeer**



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GROUND FLOOR POWER AND ACV LAYOUT

1:100

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PAC-01

6 Nos. THREE PHASE ELECTRIC METERS
(main panel board size shall be confirmed from manufacturer)

Power Legend

- 15A Socket In Polycarbonate Box
- 13A Twin Socket
- 15A Switched Socket @ H.L.
- 13A Power Socket
- 20A TPN Isolator
- Distribution Board
- 13A Twin Socket In Floor Mount Pop-up Box
- 13A Power Socket in Weatherproof Polycarbonate Enclosure
- Angular Camera
- Network Video Recorder
- Security Monitor
- 110Ø PVC Duct For Tel./Internet Cable Lead In Below Ground Slab
- 82Ø PVC Duct For TV Cable Lead In Below Ground Slab
- Main Incoming Cable For Power In 110Ø PVC Duct Below Ground Slab

- Twin Computer Network Outlet
- Computer Network Outlet In Floor Mount Pop-up Box
- Electronic Digital Smart Key Card Door Lock
- Wireless Access Point
- Internet Switchboard
- Telephone Outlet

- Computer Network Outlet
- Emergency Light
- IT Distribution Board
- Medianet Booster

Notes: -

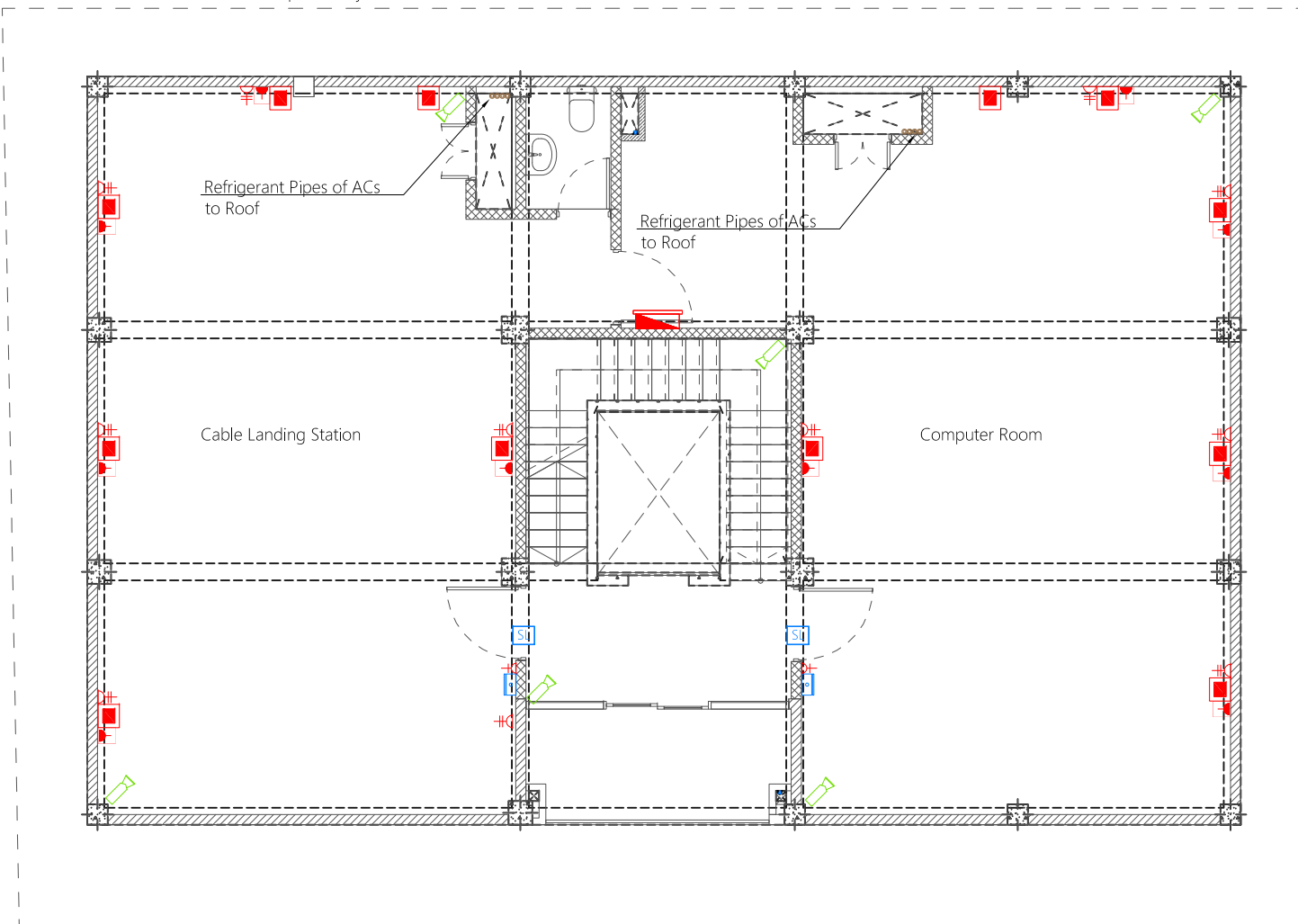
- All 13A Power Outlets For Kitchen Hood Or Under Cabinet Or Wardrobe Lights At 1800mm From F.F.L.
- All Twin Sockets At 300mm From F.F.L. Except Located At Kitchen Cupboard Area Which Shall Be At 1200mm From F.F.L.
- All Computer, TV And Telephone Points At 300mm From F.F.L.
- All 20A Switched Neon Indicator At 1200mm From F.F.L.

ACV Legend

- Refrigerant Pipes
- 25Ø Condensate Drain Pipe
- 40Ø Condensate Drain Riser Pipe
- Wall Mount Air Conditioner
- 4-Way Cassette Air Conditioner
- Outdoor Condensing Unit
- Multi Split Outdoor Condensing Unit (Wall Mount)

Notes: -

Where Condensate Drain Pipes Are Connected To Wash Basin Or Kitchen Sink, 25 Ø Condensate Drain Pipe Is Extended In 32 Ø Flex Conduit Into 40 Ø Waste Pipe Of Respective Basin Or Sink



Proposed 05 Storey Building At

**Design Of
Cable Landing
Data Station Facility**

Client

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FIRST FLOOR POWER AND ACV LAYOUT




1:100

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Power Legend

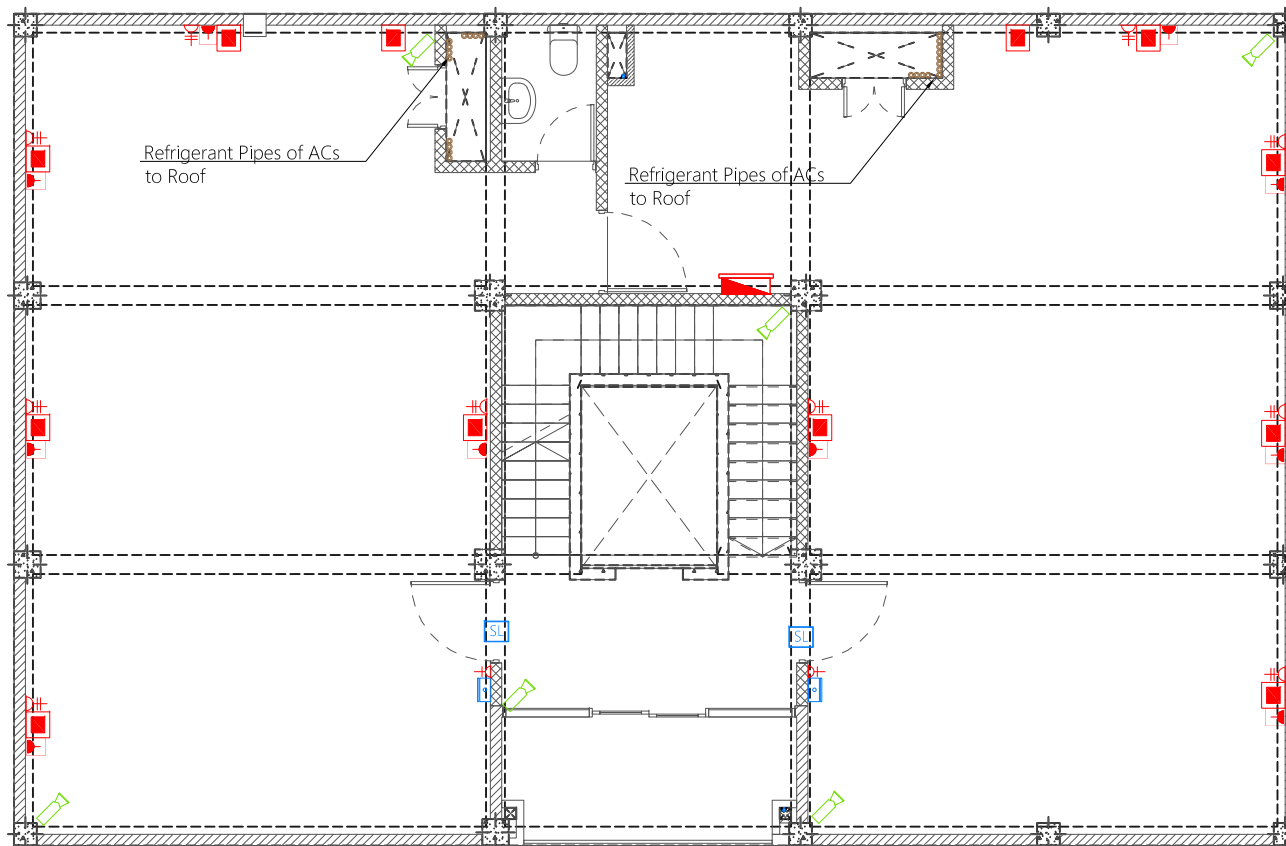
-  15A Socket In Polycarbonate Box
-  13A Twin Socket
-  15A Switched Socket @ H.L.
-  13A Power Socket
-  20A TPN Isolator
-  Distribution Board
-  13A Twin Socket In Floor Mount Pop-up Box
-  13A Power Socket in Weatherproof Polycarbonate Enclosure
-  Angular Camera
-  Network Video Recorder
-  Security Monitor
-  110Ø PVC Duct For Tel./Internet Cable Lead In Below Ground Slab
-  82Ø PVC Duct For TV Cable Lead In Below Ground Slab
-  Main Incoming Cable For Power In 110Ø PVC Duct Below Ground Slab

-  Twin Computer Network Outlet
-  Computer Network Outlet In Floor Mount Pop-up Box
-  Electronic Digital Smart Key Card Door Lock
-  Wireless Access Point
-  Internet Switchboard
-  Telephone Outlet








-  Computer Network Outlet
-  Emergency Light
-  IT Distribution Board
-  Medianet Booster

Notes: -

- All 13A Power Outlets For Kitchen Hood Or Under Cabinet Or Wardrobe Lights At 1800mm From F.F.L.
- All Twin Sockets At 300mm From F.F.L. Except Located At Kitchen Cupboard Area Which Shall Be At 1200mm From F.F.L.
- All Computer, TV And Telephone Points At 300mm From F.F.L.
- All 20A Switched Neon Indicator At 1200mm From F.F.L.



ACV Legend

-  Refrigerant Pipes
-  25Ø Condensate Drain Pipe
-  40Ø Condensate Drain Riser Pipe
-  Wall Mount Air Conditioner
-  4-Way Cassette Air Conditioner
-  Outdoor Condensing Unit
-  Multi Split Outdoor Condensing Unit (Wall Mount)

Notes: -

Where Condensate Drain Pipes Are Connected To Wash Basin Or Kitchen Sink, 25 Ø Condensate Drain Pipe Is Extended In 32 Ø Flex Conduit Into 40 Ø Waste Pipe Of Respective Basin Or Sink

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






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PAC-03

SECOND - THIRD FLOOR POWER AND ACV LAYOUT

1:100








Power Legend

-  15A Socket In Polycarbonate Box
-  13A Twin Socket
-  15A Switched Socket @ H.L.
-  13A Power Socket
-  20A TPN Isolator
-  Distribution Board
-  13A Twin Socket In Floor Mount Pop-up Box
-  13A Power Socket in Weatherproof Polycarbonate Enclosure
-  Angular Camera
-  Network Video Recorder
-  Security Monitor
-  110Ø PVC Duct For Tel./Internet Cable Lead In Below Ground Slab
-  82Ø PVC Duct For TV Cable Lead In Below Ground Slab
-  Main Incoming Cable For Power In 110Ø PVC Duct Below Ground Slab
-  Twin Computer Network Outlet
-  Computer Network Outlet In Floor Mount Pop-up Box
-  Electronic Digital Smart Key Card Door Lock
-  Wireless Access Point
-  Internet Switchboard
-  Telephone Outlet

Notes: -

- All 13A Power Outlets For Kitchen Hood Or Under Cabinet Or Wardrobe Lights At 1800mm From F.F.L.
- All Twin Sockets At 300mm From F.F.L. Except Located At Kitchen Cupboard Area Which Shall Be At 1200mm From F.F.L.
- All Computer, TV And Telephone Points At 300mm From F.F.L.
- All 20A Switched Neon Indicator At 1200mm From F.F.L.

ACV Legend

-  Refrigerant Pipes
-  25Ø Condensate Drain Pipe
-  40Ø Condensate Drain Riser Pipe
-  Wall Mount Air Conditioner
-  4-Way Cassette Air Conditioner
-  Outdoor Condensing Unit
-  Multi Split Outdoor Condensing Unit (Wall Mount)

Notes: -

Where Condensate Drain Pipes Are Connected To Wash Basin Or Kitchen Sink, 25 Ø Condensate Drain Pipe Is Extended In 32 Ø Flex Conduit Into 40 Ø Waste Pipe Of Respective Basin Or Sink

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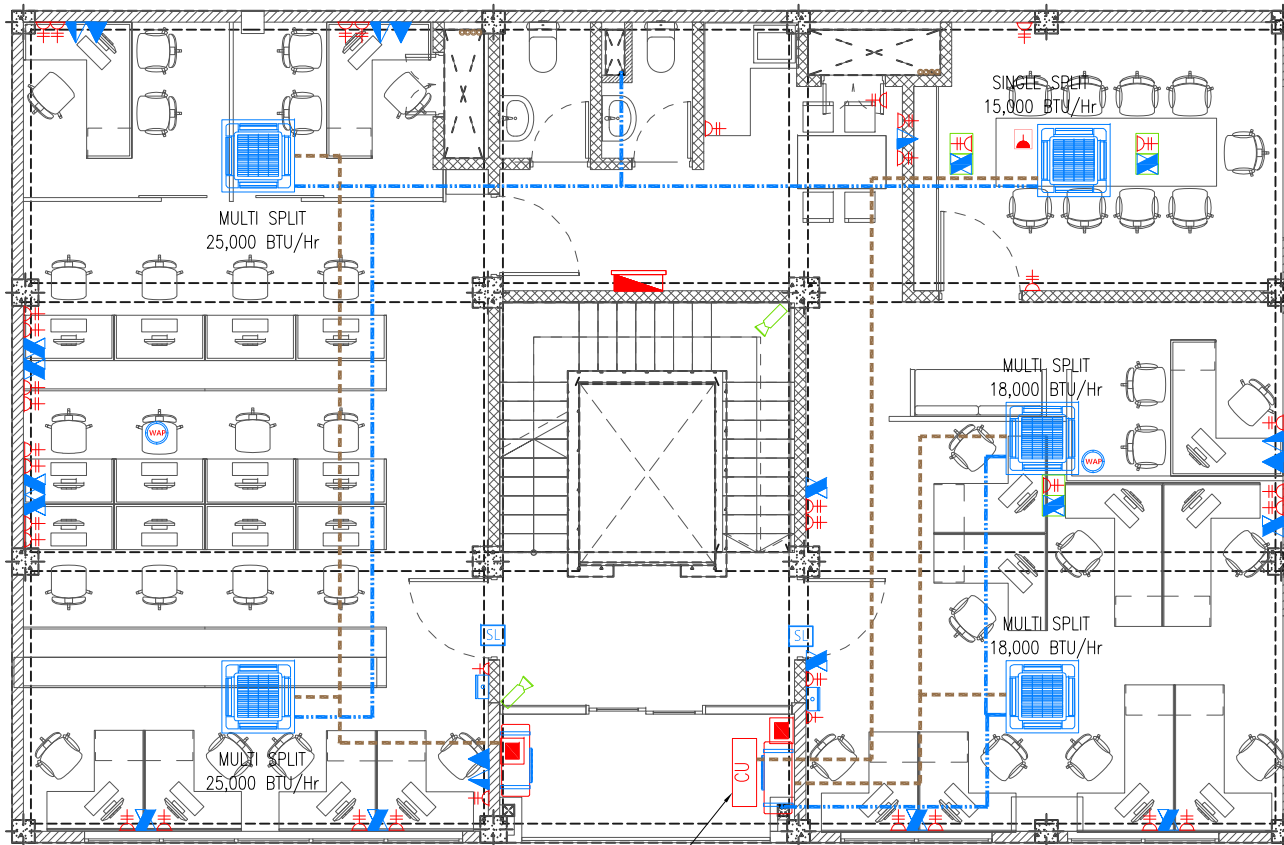
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PAC-04



Just Below Ceiling

FOURTH FLOOR POWER AND ACV LAYOUT

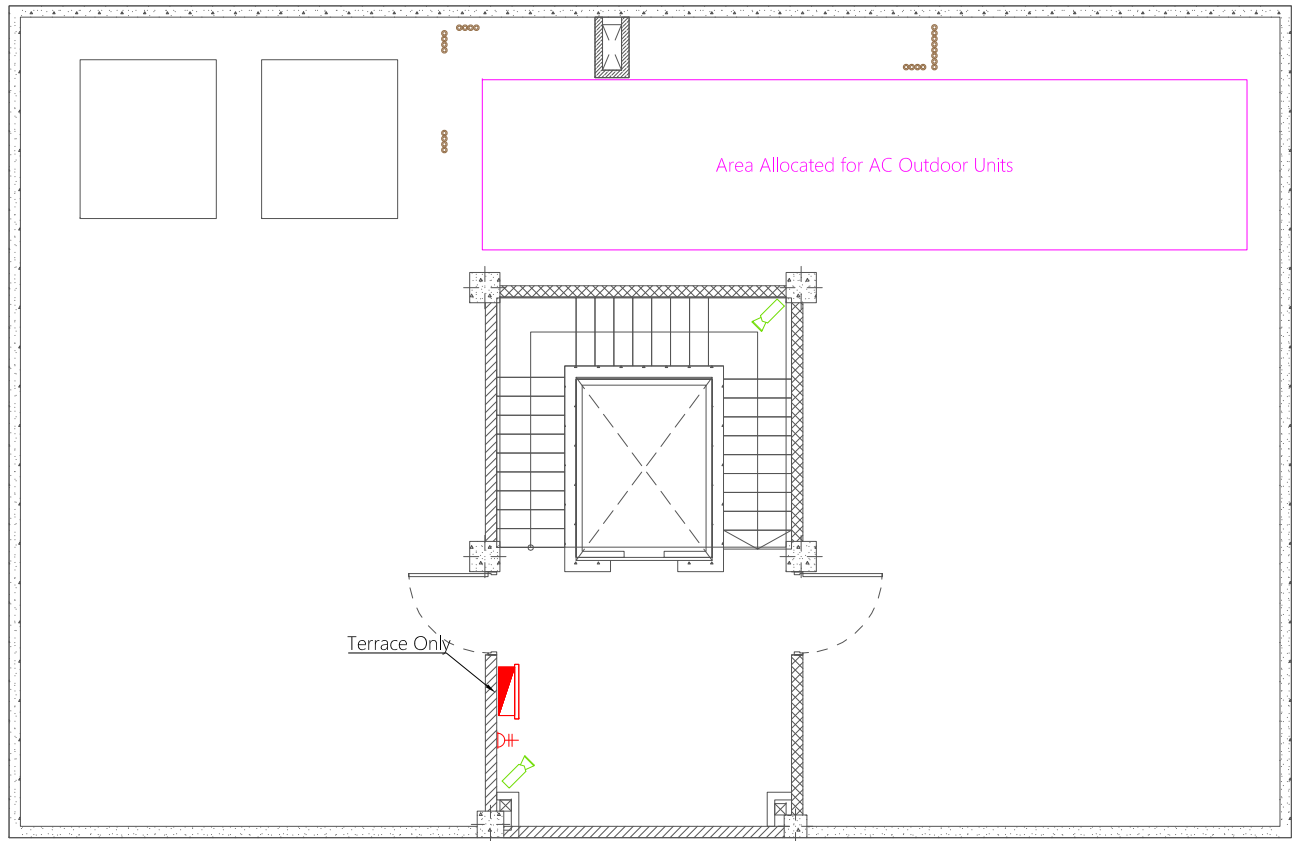
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Power Legend

- | | | | | | |
|--|--|--|--|--|---|
| | 15A Socket In Polycarbonate Box | | Angular Camera | | Twin Computer Network Outlet |
| | 13A Twin Socket | | Network Video Recorder | | Computer Network Outlet In Floor Mount Pop-up Box |
| | 15A Switched Socket @ H.L. | | Security Monitor | | Electronic Digital Smart Key Card Door Lock |
| | 13A Power Socket | | | | Wireless Access Point |
| | 20A TPN Isolator | | | | Internet Switchboard |
| | Distribution Board | | 110Ø PVC Duct For Tel./Internet Cable Lead In Below Ground Slab | | Telephone Outlet |
| | 13A Twin Socket In Floor Mount Pop-up Box | | 82Ø PVC Duct For TV Cable Lead In Below Ground Slab | | |
| | 13A Power Socket in Weatherproof Polycarbonate Enclosure | | Main Incoming Cable For Power In 110Ø PVC Duct Below Ground Slab | | |

- | | |
|--|-------------------------|
| | Computer Network Outlet |
| | Emergency Light |
| | IT Distribution Board |
| | Medianet Booster |

Notes: -
 - All 13A Power Outlets For Kitchen Hood Or Under Cabinet Or Wardrobe Lights At 1800mm From F.F.L.
 - All Twin Sockets At 300mm From F.F.L. Except Located At Kitchen Cupboard Area Which Shall Be At 1200mm From F.F.L.
 - All Computer, TV And Telephone Points At 300mm From F.F.L.
 - All 20A Switched Neon Indicator At 1200mm From F.F.L.



ACV Legend

- | | |
|--|--|
| | Refrigerant Pipes |
| | 25Ø Condensate Drain Pipe |
| | 40Ø Condensate Drain Riser Pipe |
| | Wall Mount Air Conditioner |
| | 4-Way Cassette Air Conditioner |
| | Outdoor Condensing Unit |
| | Multi Split Outdoor Condensing Unit (Wall Mount) |

Notes: -
 Where Condensate Drain Pipes Are Connected To Wash Basin Or Kitchen Sink, 25 Ø Condensate Drain Pipe Is Extended In 32 Ø Flex Conduit Into 40 Ø Waste Pipe Of Respective Basin Or Sink

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27/10/2022
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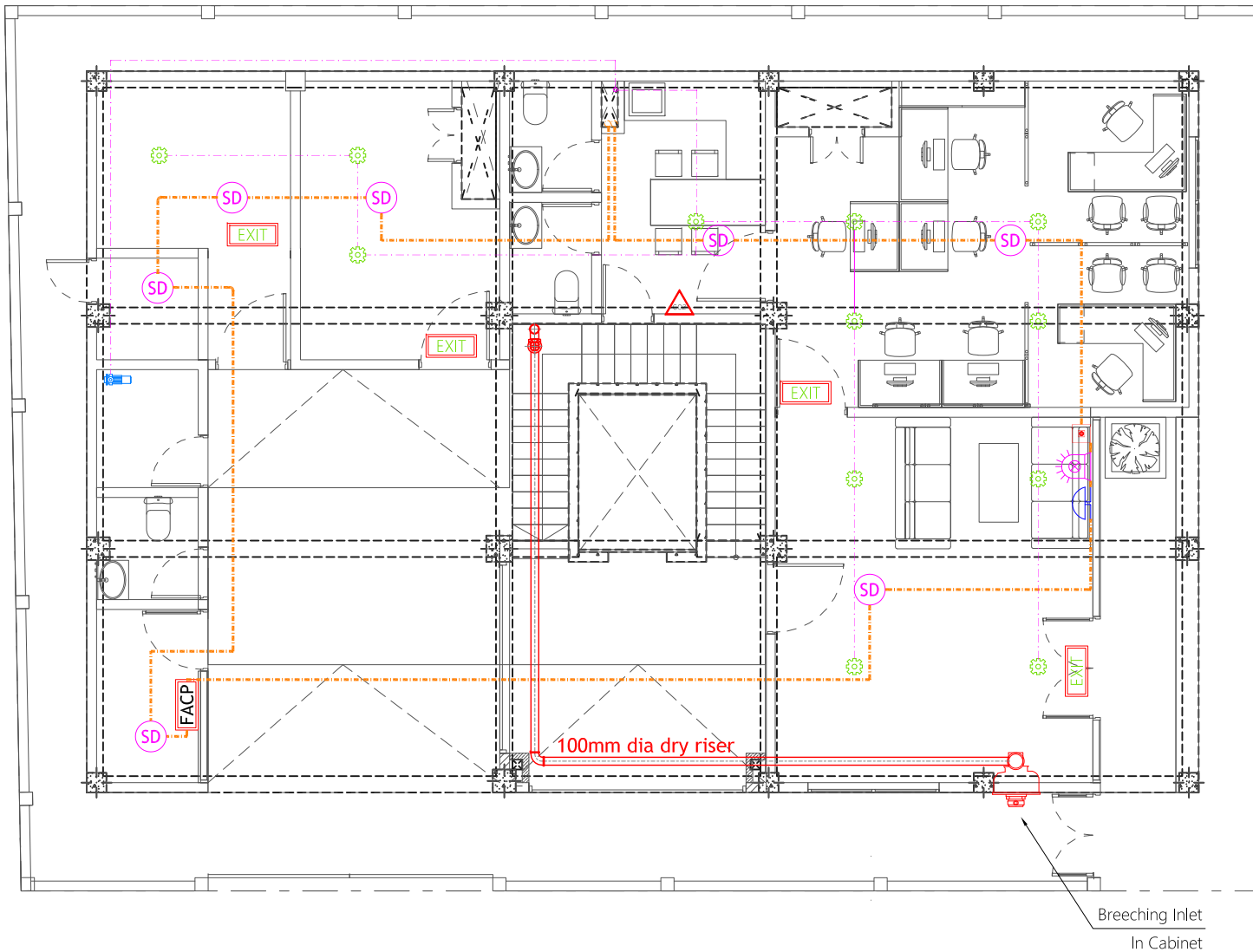
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TERRACE FLOOR POWER AND ACV LAYOUT

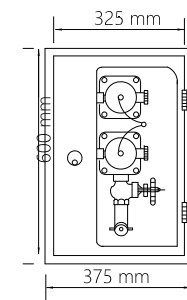
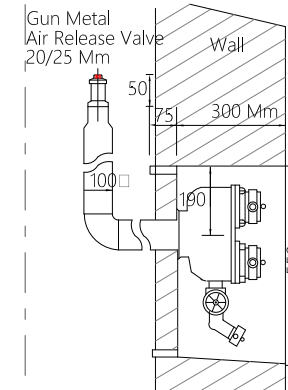
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PAC-05



Legend

- CO₂ Extinguisher (load: 2kg) In Polycarbonate Enclosure
- DCP Extinguisher (load: 6kg) In Polycarbonate Enclosure
- H₂O Extinguisher (load: 9L) In Polycarbonate Enclosure
- Manual Call Point
- Smoke Detector
- Heat Detector
- Beacon
- Sounder Bell (85 DB)
- Fire Blanket
- 2.5mm² Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits
- Fire Alarm Control Panel (Addressable)
- Exit Sign
- Sprinkler System Pipe
- Sprinkler System Pump
- Discharge Nozzle of Sprinkler System Pipe



With Spring Lock, Wired Glass Front
 Lettered "dry Riser, Fire Main"
 Galvanised Steel Breaching Cabinet

Detail of Breaching Inlet Cabinet

Proposed 05 Storey Building At

Design Of Cable Landing Data Station Facility

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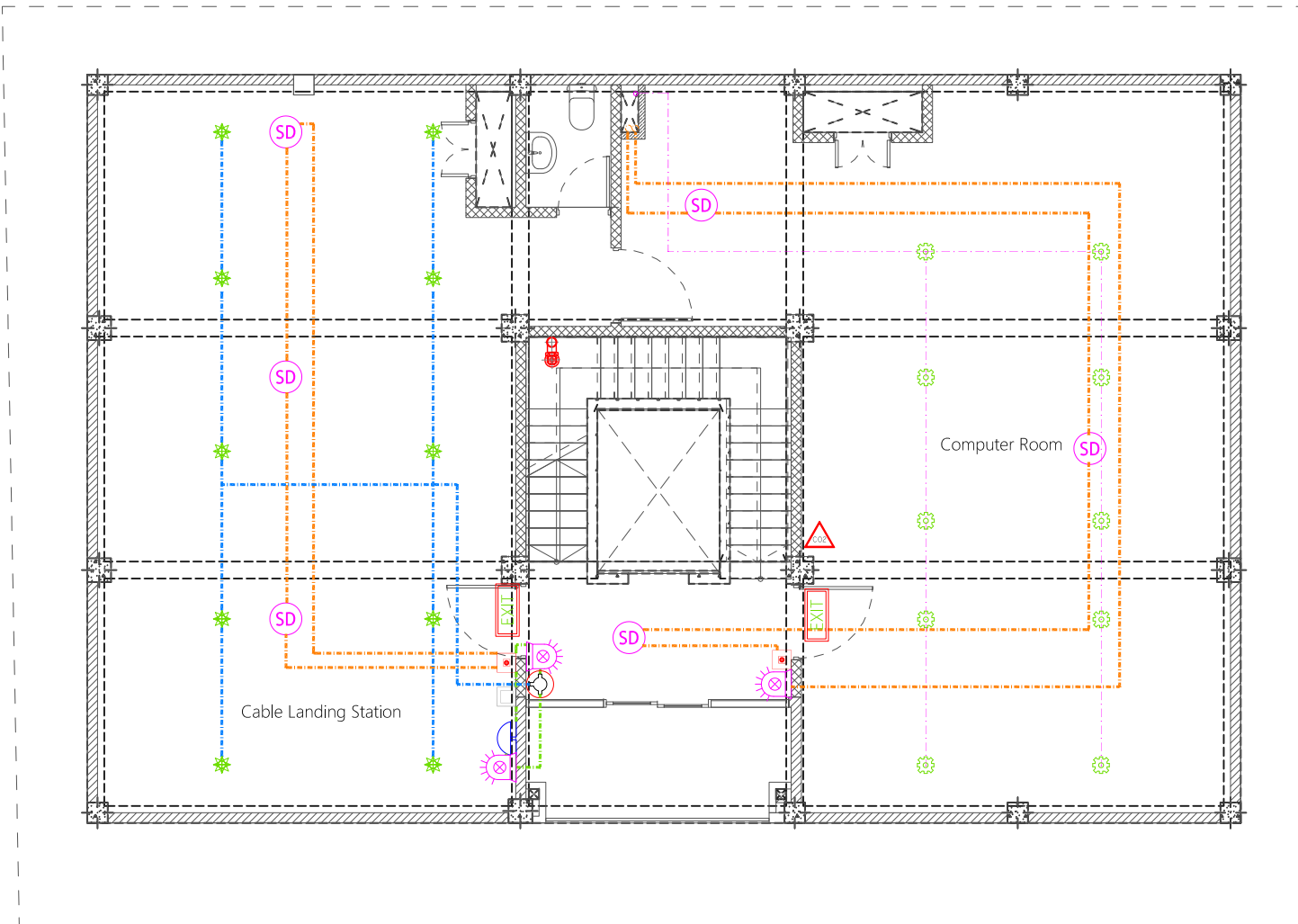
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GROUND FLOOR FDP LAYOUT

1:100

FDP-01



Legend

-  CO₂ Extinguisher (load: 2kg) In Polycarbonate Enclosure
-  DCP Extinguisher (load: 6kg) In Polycarbonate Enclosure
-  H₂O Extinguisher (load: 9L) In Polycarbonate Enclosure
-  FM200 Fire Suppression Agent Cylinder
-  Manual Call Point
-  FM200 Fire Suppression Control Panel
-  Smoke Detector
-  Heat Detector
-  Discharge Nozzle of FM 200 Agent
-  Beacon
-  Sounder Bell (85 DB)
-  Fire Blanket
-  2.5mm² Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits
-  FM200 Fire Suppression Agent Discharge Pipe
-  FM200 Fire Suppression Control Panel Circuit
-  **FACP** Fire Alarm Control Panel (Addressable)
-  **EXIT** Exit Sign
-  Sprinkler System Pipe
-  Discharge Nozzle of Sprinkler System Pipe

Proposed 05 Storey Building At

Design Of Cable Landing Data Station Facility

Client

Ocean Connect Maldives Pvt Ltd

27/10/2022

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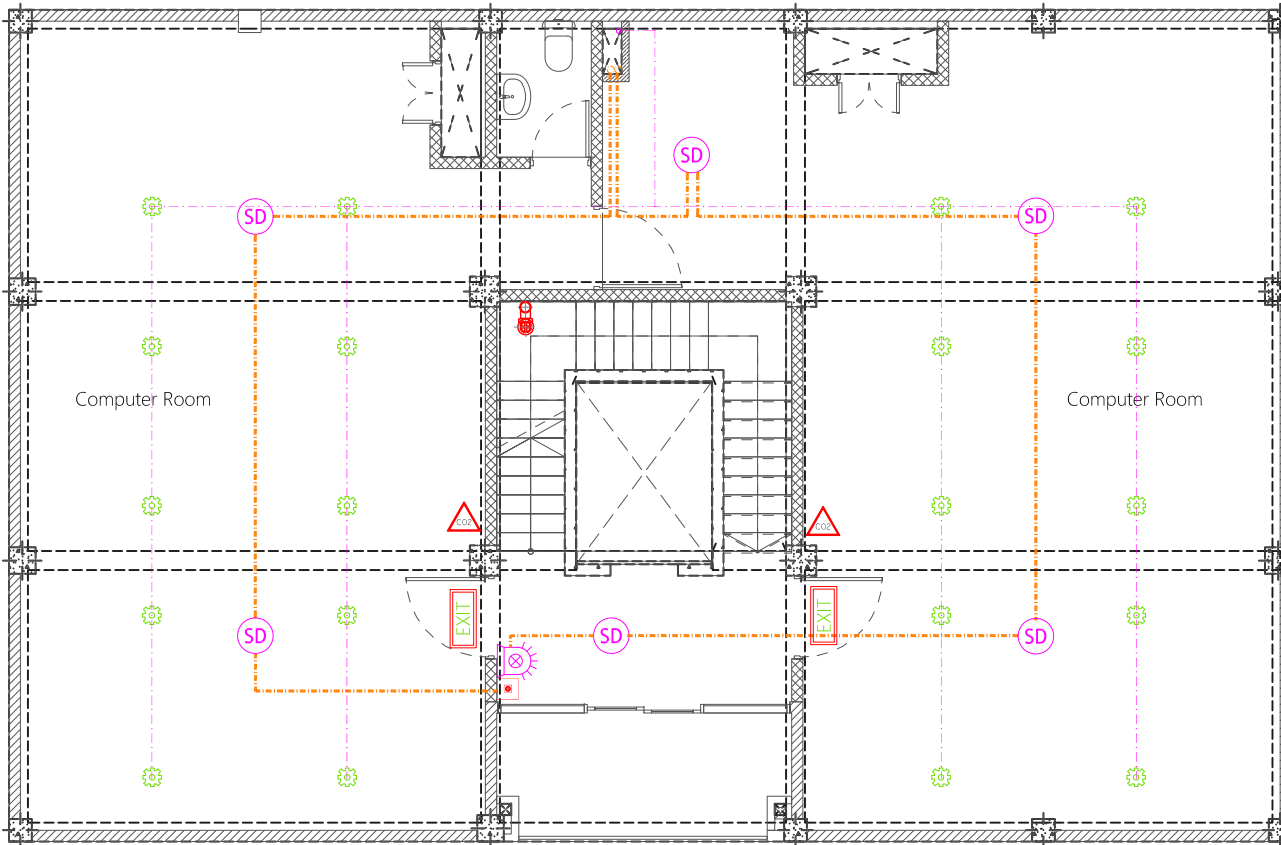
FIRST FLOOR FDP LAYOUT

1:100

FDP-02

Legend

-  CO₂ Extinguisher (load: 2kg) In Polycarbonate Enclosure
-  DCP Extinguisher (load: 6kg) In Polycarbonate Enclosure
-  H₂O Extinguisher (load: 9L) In Polycarbonate Enclosure
-  Manual Call Point
-  Smoke Detector
-  Heat Detector
-  Beacon
-  Sounder Bell (85 DB)
-  Fire Blanket
-  2.5mm² Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits
-  **FACP** Fire Alarm Control Panel (Addressable)
-  **EXIT** Exit Sign
-  Sprinkler System Pipe
-  Discharge Nozzle of Sprinkler System Pipe



Proposed 05 Storey Building At

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




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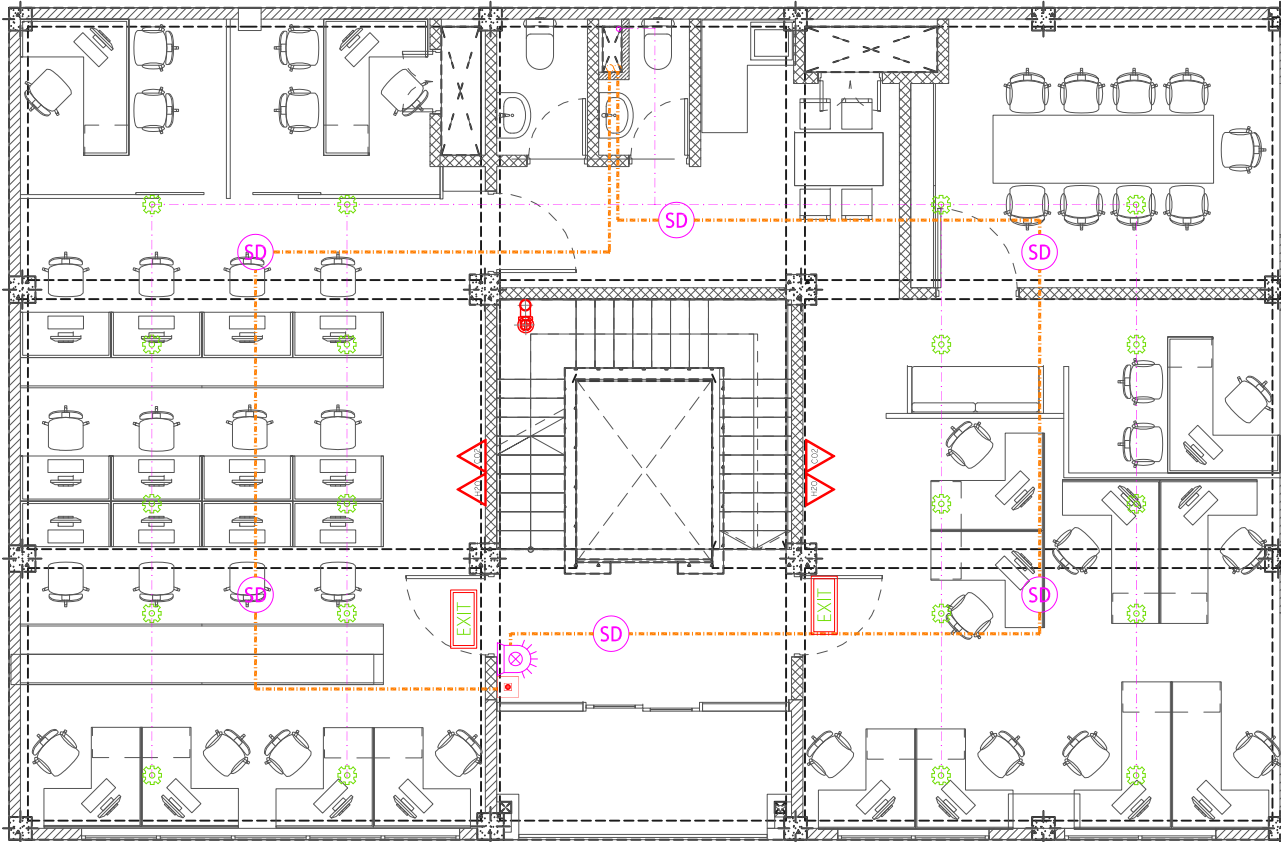
SECOND - THIRD FLOOR FDP LAYOUT

1:100

FDP-03

Legend

-  CO₂ Extinguisher (load: 2kg) In Polycarbonate Enclosure
-  DCP Extinguisher (load: 6kg) In Polycarbonate Enclosure
-  H₂O Extinguisher (load: 9L) In Polycarbonate Enclosure
-  Manual Call Point
-  Smoke Detector
-  Heat Detector
-  Beacon
-  Sounder Bell (85 DB)
-  Fire Blanket
-  2.5mm² Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits
-  Fire Alarm Control Panel (Addressable)
-  Exit Sign
-  Sprinkler System Pipe
-  Discharge Nozzle of Sprinkler System Pipe



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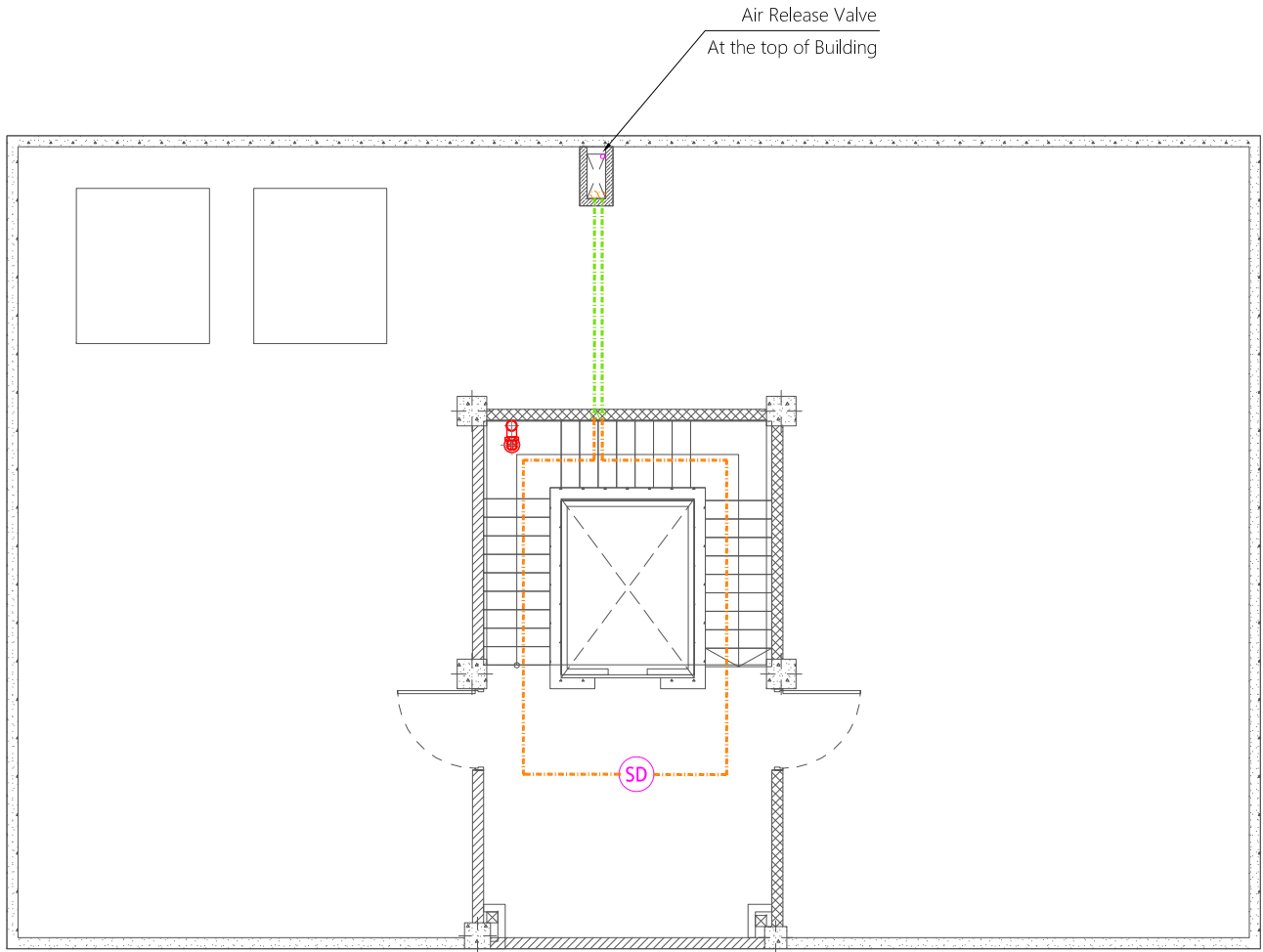
FOURTH FLOOR FDP LAYOUT

1:100

FDP-04

Legend

-  CO₂ Extinguisher (load: 2kg) In Polycarbonate Enclosure
-  DCP Extinguisher (load: 6kg) In Polycarbonate Enclosure
-  H₂O Extinguisher (load: 9L) In Polycarbonate Enclosure
-  Manual Call Point
-  Smoke Detector
-  Heat Detector
-  Beacon
-  Sounder Bell (85 DB)
-  Fire Blanket
-  2.5mm² Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits through slab
-  2.5mm² Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits within screed
-  Fire Alarm Control Panel (Addressable)
-  Exit Sign



Proposed 05 Storey Building At

Design Of Cable Landing Data Station Facility

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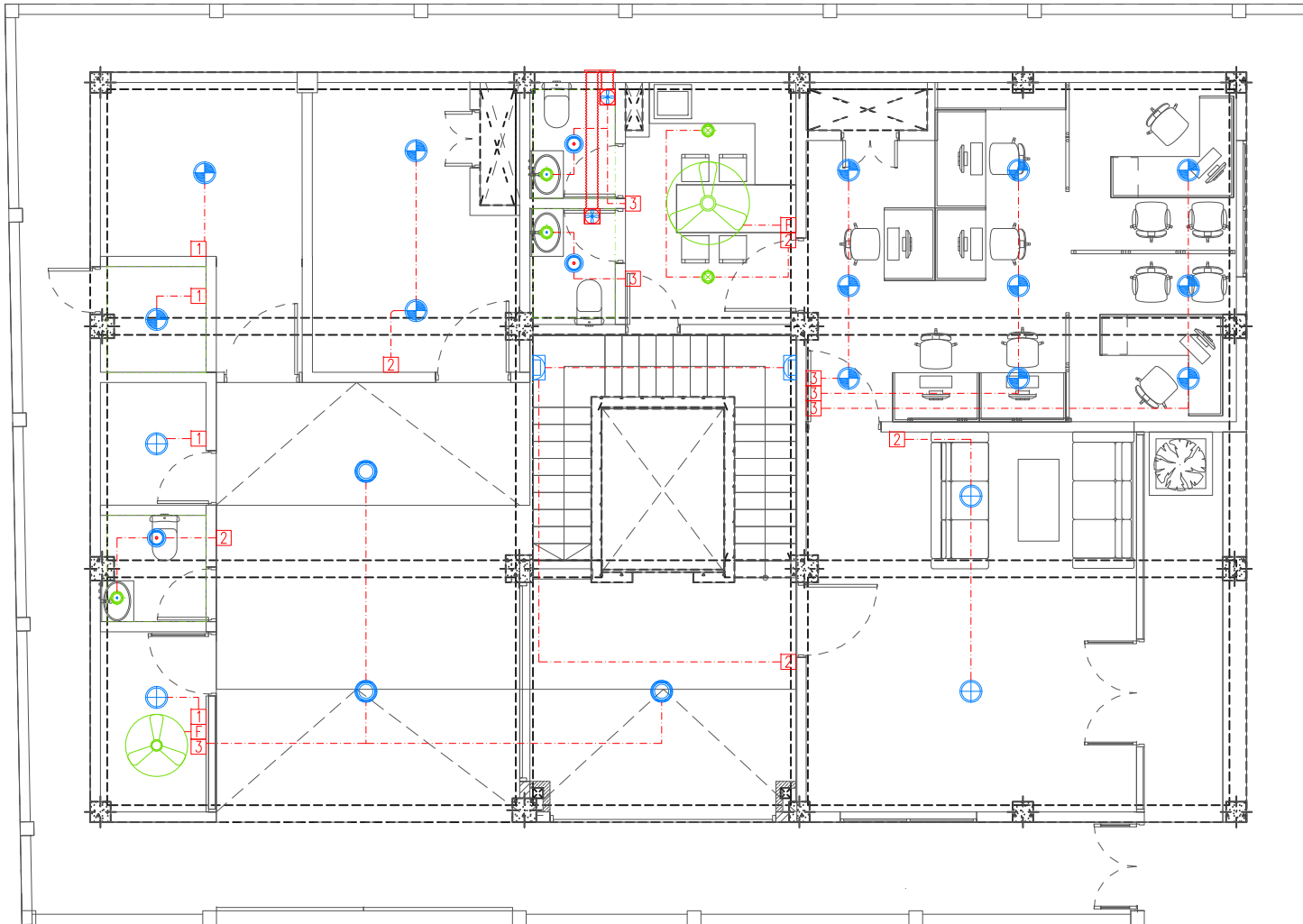
TERRACE FLOOR FDP LAYOUT

1:100

FDP-05

Legend

-  Ceiling Light (18W)
-  Ceiling Light (12W)
-  Recessed Ceiling Light (12W)
-  Ceiling Down Light (18W) - Weather Proof
-  Wall Light - Weather Proof Ip55 (low Level 8W)
-  Wall Recessed Light With Motion Sensor (low Level 8W)
-  Ceiling Recessed Spot Light (3W)
-  Ceiling Mount Spot Light (5W)
-  600 x 600 Ceiling Recessed LED Panel
-  Ceiling Mounted Exhaust Fan 90m3/hr
-  Light Switch (1 Gang - 4 Gang)
-  Ceiling Fan Switch With Controller
-  29" To 36" Ceiling Fan
-  42" To 48" Ceiling Fan
-  Cement Board False Ceiling [150mm below beam bottom]



Proposed 05 Storey Building At

Design Of Cable Landing Data Station Facility

Client

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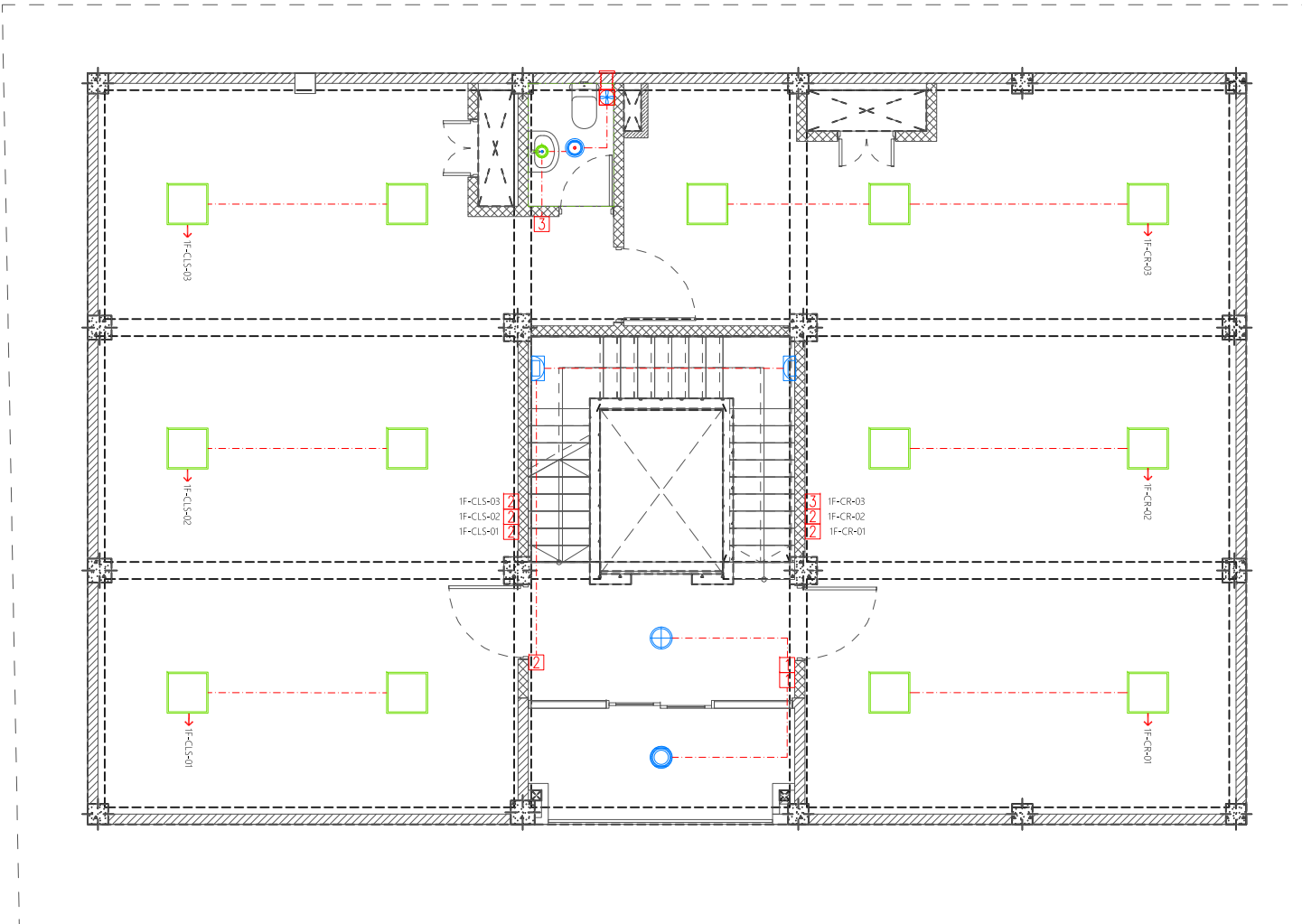
EL-01

GROUND FLOOR LIGHTING LAYOUT

1:100

Legend

-  Ceiling Light (18W)
-  Ceiling Light (12W)
-  Recessed Ceiling Light (12W)
-  Ceiling Down Light (18W) - Weather Proof
-  Wall Light - Weather Proof Ip55 (low Level 8W)
-  Wall Recessed Light With Motion Sensor (low Level 8W)
-  Ceiling Recessed Spot Light (3W)
-  Ceiling Mount Spot Light (5W)
-  600 x 600 Ceiling Recessed LED Panel
-  Ceiling Mounted Exhaust Fan 90m3/hr
-  Light Switch (1 Gang - 4 Gang)
-  Ceiling Fan Switch With Controller
-  29" To 36" Ceiling Fan
-  42" To 48" Ceiling Fan
-  Cement Board False Ceiling [150mm below beam bottom]



FIRST FLOOR LIGHTING LAYOUT

1:100

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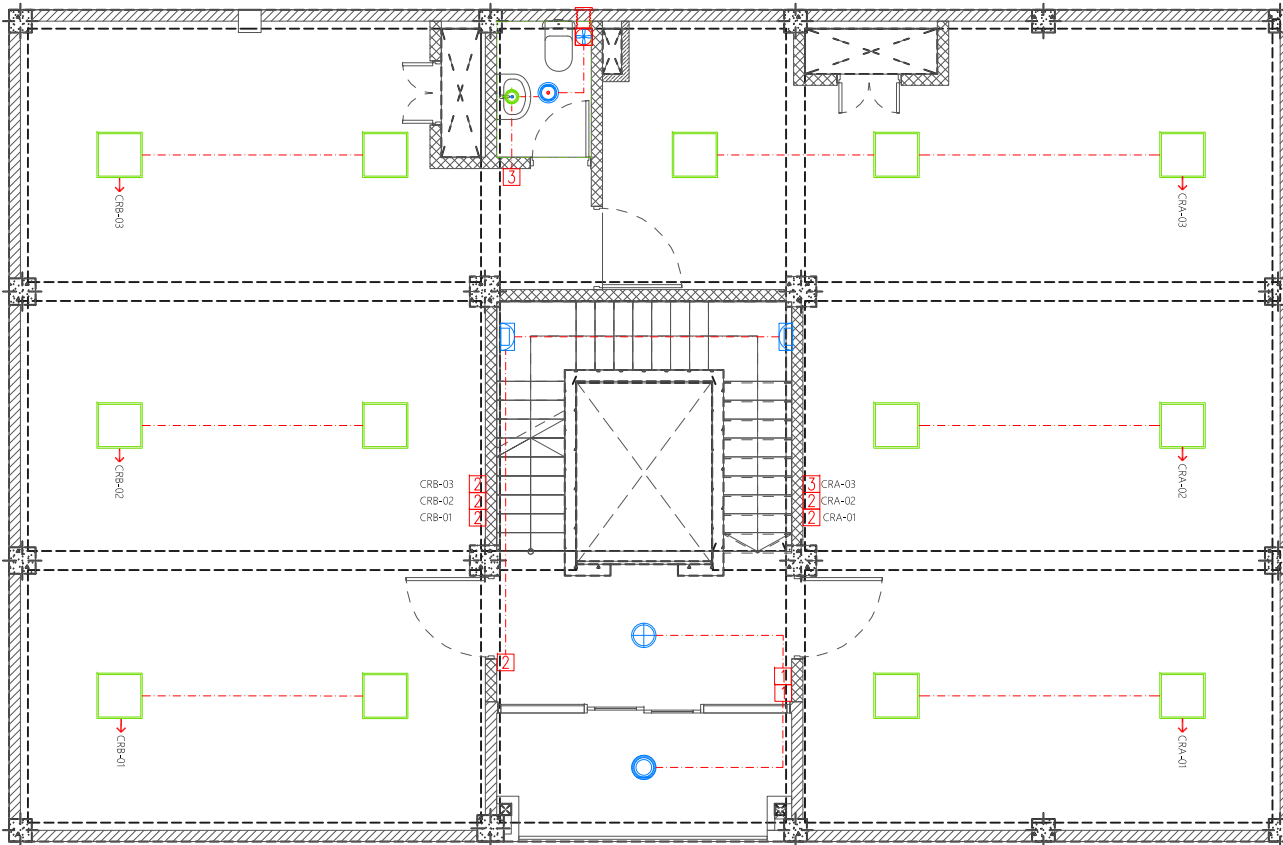
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EL-02

Legend

-  Ceiling Light (18W)
-  Ceiling Light (12W)
-  Recessed Ceiling Light (12W)
-  Ceiling Down Light (18W) - Weather Proof
-  Wall Light - Weather Proof Ip55 (low Level 8W)
-  Wall Recessed Light With Motion Sensor (low Level 8W)
-  Ceiling Recessed Spot Light (3W)
-  Ceiling Mount Spot Light (5W)
-  600 x 600 Ceiling Recessed LED Panel
-  Ceiling Mounted Exhaust Fan 90m3/hr
-  Light Switch (1 Gang - 4 Gang)
-  Ceiling Fan Switch With Controller
-  29" To 36" Ceiling Fan
-  42" To 48" Ceiling Fan
-  Cement Board False Ceiling [150mm below beam bottom]



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



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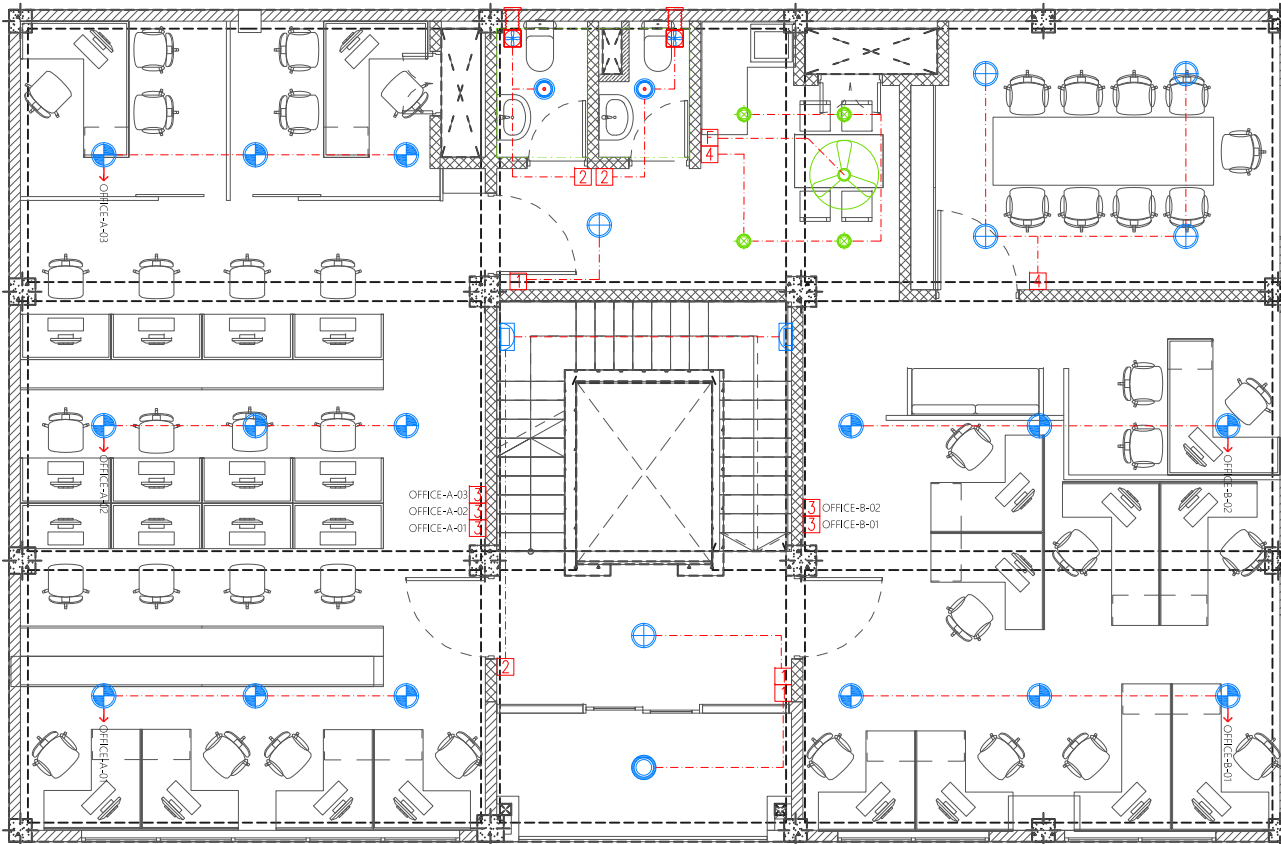
EL-03

SECOND - THIRD FLOOR LIGHTING LAYOUT

1:100

Legend

-  Ceiling Light (18W)
-  Ceiling Light (12W)
-  Recessed Ceiling Light (12W)
-  Ceiling Down Light (18W) - Weather Proof
-  Wall Light - Weather Proof Ip55 (low Level 8W)
-  Wall Recessed Light With Motion Sensor (low Level 8W)
-  Ceiling Recessed Spot Light (3W)
-  Ceiling Mount Spot Light (5W)
-  600 x 600 Ceiling Recessed LED Panel
-  Ceiling Mounted Exhaust Fan 90m3/hr
-  Light Switch (1 Gang - 4 Gang)
-  Ceiling Fan Switch With Controller
-  29" To 36" Ceiling Fan
-  42" To 48" Ceiling Fan
-  Cement Board False Ceiling [150mm below beam bottom]



FOURTH FLOOR LIGHTING LAYOUT

1:100

Proposed 05 Storey Building At

**Design Of
Cable Landing
Data Station Facility**

Client

Ocean Connect Maldives Pvt Ltd

27/10/2022

Services By **Mohamed Rassam**

Checked By

Drawn By **Mohamed Nazran Nazeer**



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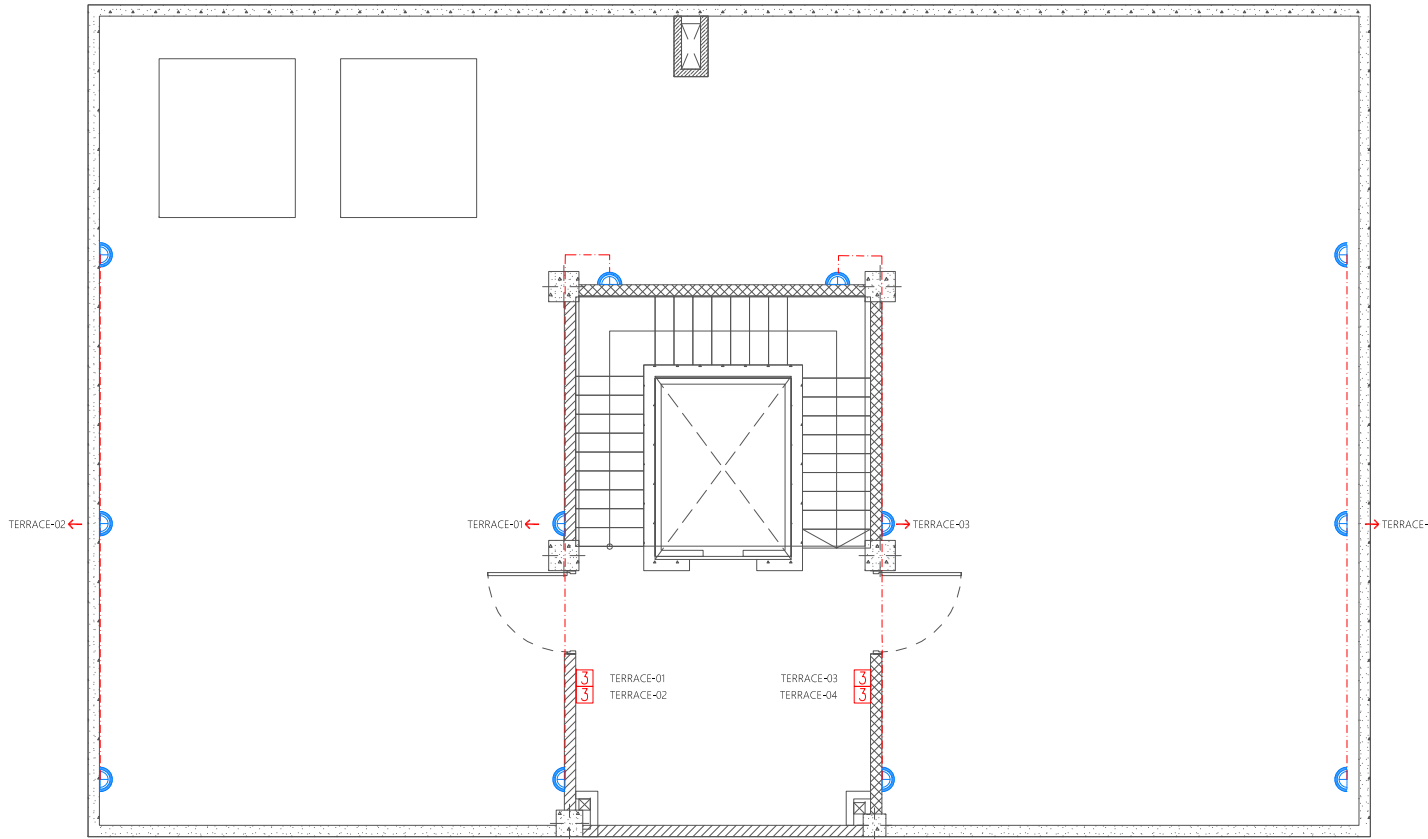
Rev:

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EL-04

Legend

-  Ceiling Light (18W)
-  Ceiling Light (12W)
-  Recessed Ceiling Light (12W)
-  Ceiling Down Light (18W) - Weather Proof
-  Wall Light - Weather Proof Ip55 (low Level 8W)
-  Wall Recessed Light With Motion Sensor (low Level 8W)
-  Ceiling Recessed Spot Light (3W)
-  Ceiling Mount Spot Light (5W)
-  600 x 600 Ceiling Recessed LED Panel
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-  Light Switch (1 Gang - 4 Gang)
-  Ceiling Fan Switch With Controller
-  29" To 36" Ceiling Fan
-  42" To 48" Ceiling Fan
-  Cement Board False Ceiling [150mm below beam bottom]



TERRACE FLOOR LIGHTING LAYOUT

1:100

Proposed 05 Storey Building At

**Design Of
Cable Landing
Data Station Facility**

Client

Ocean Connect Maldives Pvt Ltd

27/10/2022

Services By **Mohamed Rassam**

Checked By -

Drawn By **Mohamed Nazran Nazeer**



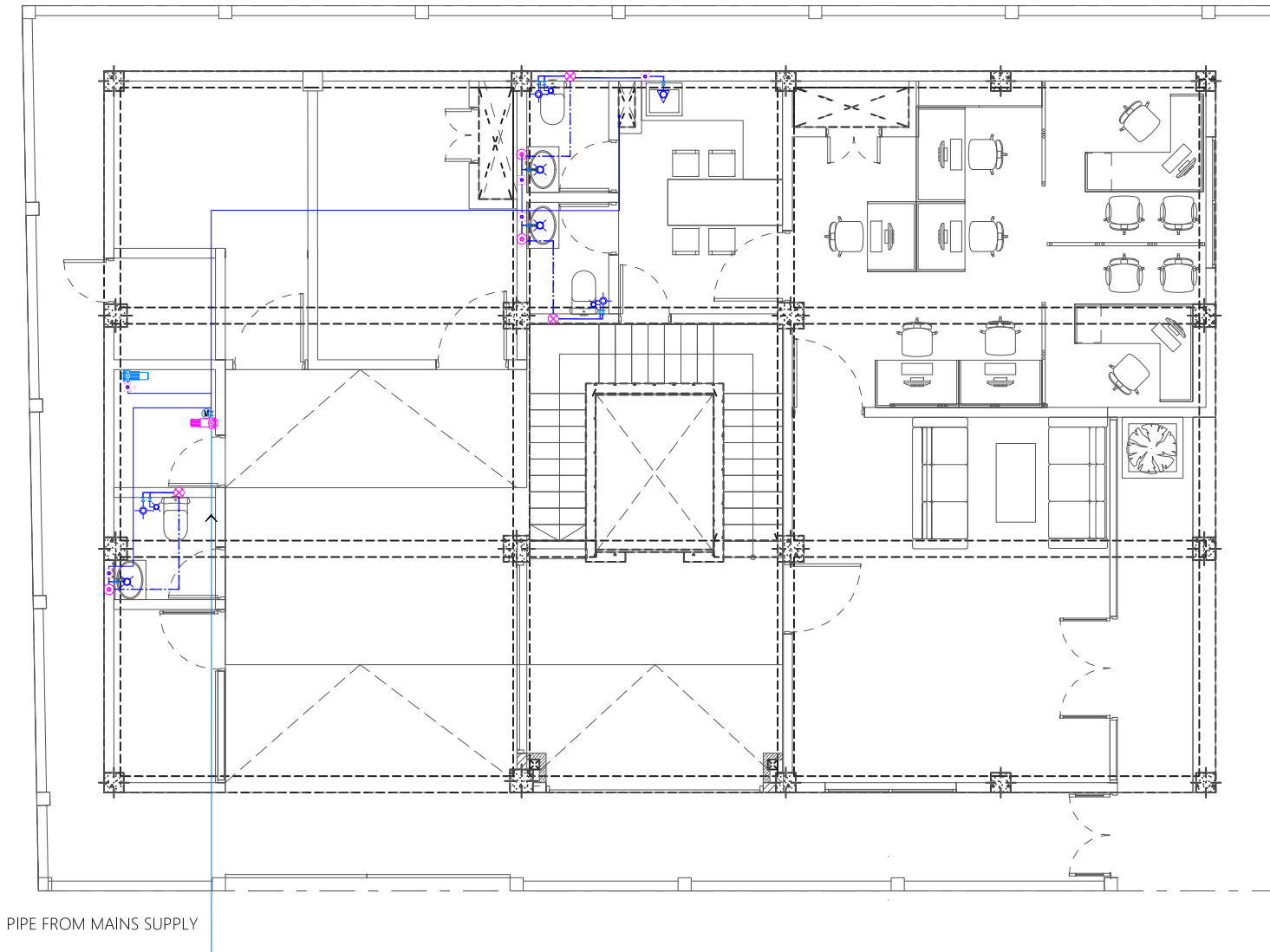
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Rev:

Page:

EL-05



Legend

-  16Ø Cold Water Supply To Basin Faucet
-  16Ø Cold Water Supply To Wall Tap
-  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 Meter
-  25Ø Cold Water Supply Pipes Running Underground
-  20Ø Cold Water Supply Pipes Running In Wall
-  20Ø Cold Water Supply Pipes Running Undergrounding
-  MWSC Booster Pump

Notes: -

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

Proposed 05 Storey Building At

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Client

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PL-01

GROUND FLOOR PLUMBING LAYOUT

1:100

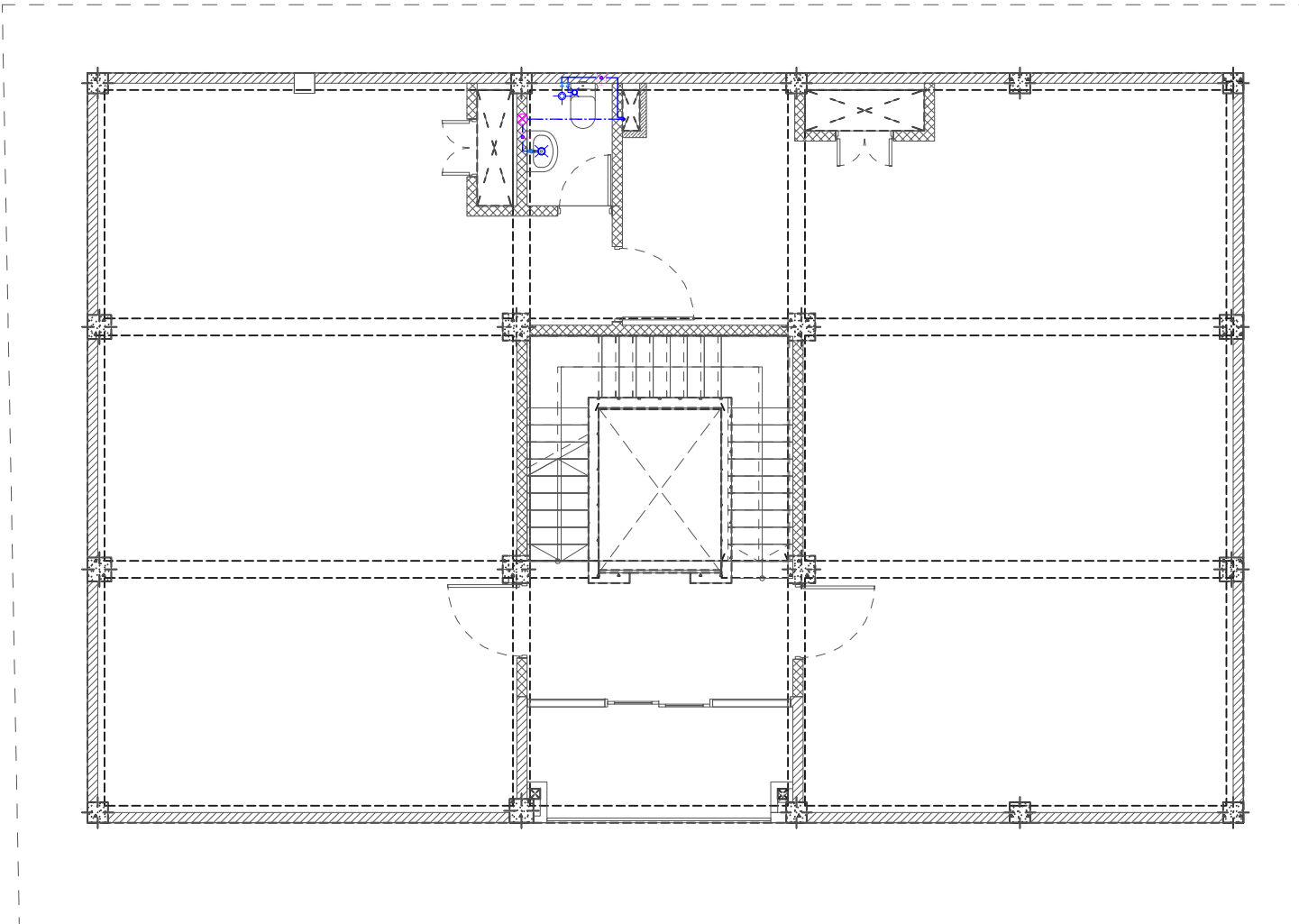
PIPE FROM MAINS SUPPLY

Legend

-  16Ø Cold Water Supply To Basin Faucet
-  16Ø Cold Water Supply To Wall Tap
-  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 Meter
-  25Ø Cold Water Supply Pipes Running Underground
-  20Ø Cold Water Supply Pipes Running In Wall
-  20Ø Cold Water Supply Pipes Running Undergrounding
-  MWSC Booster Pump

Notes: -

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



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PL-02

FIRST FLOOR PLUMBING LAYOUT

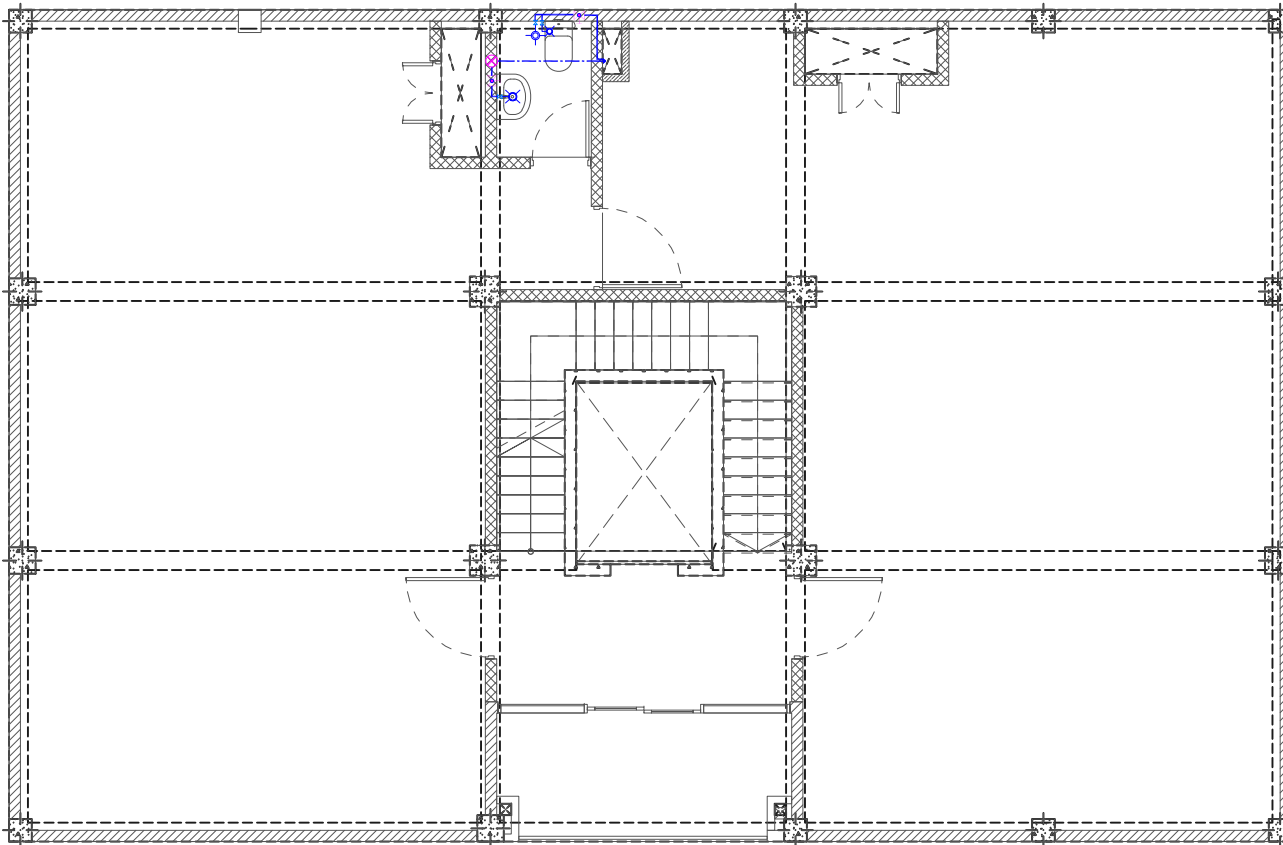
1:100

Legend

-  16Ø Cold Water Supply To Basin Faucet
-  16Ø Cold Water Supply To Wall Tap
-  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 Meter
-  25Ø Cold Water Supply Pipes Running Underground
-  20Ø Cold Water Supply Pipes Running In Wall
-  20Ø Cold Water Supply Pipes Running Undergrounding
-  MWSC Booster Pump

Notes: -

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



Proposed 05 Storey Building At

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SECOND - THIRD FLOOR PLUMBING LAYOUT

1:100

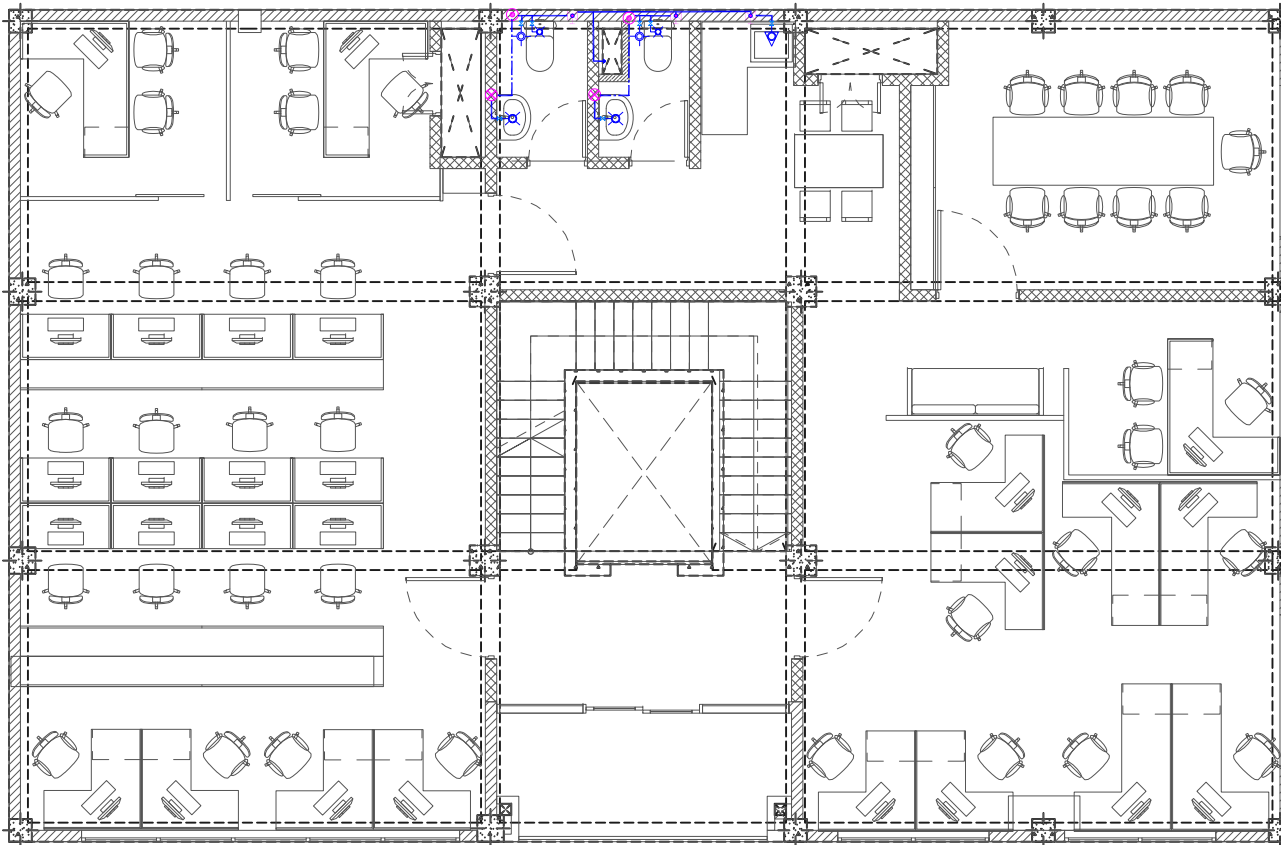
PL-03

Legend

-  16Ø Cold Water Supply To Basin Faucet
-  16Ø Cold Water Supply To Wall Tap
-  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 Meter
-  25Ø Cold Water Supply Pipes Running Underground
-  20Ø Cold Water Supply Pipes Running In Wall
-  20Ø Cold Water Supply Pipes Running Undergrounding
-  MWSC Booster Pump

Notes: -

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



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Page:

FOURTH FLOOR PLUMBING LAYOUT

1:100

PL-04

Legend

-  Floor Drain
-  40Ø Stub For Washing Machine Or Tub
-  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)
-  40Ø Condensate Drain Riser Pipe



Manhole



Gully Trap



110Ø Rainwater Outlet Perforated Cowl



110Ø Rainwater Outlet



110Ø Rainwater Wall Outlet



Rodding Eye

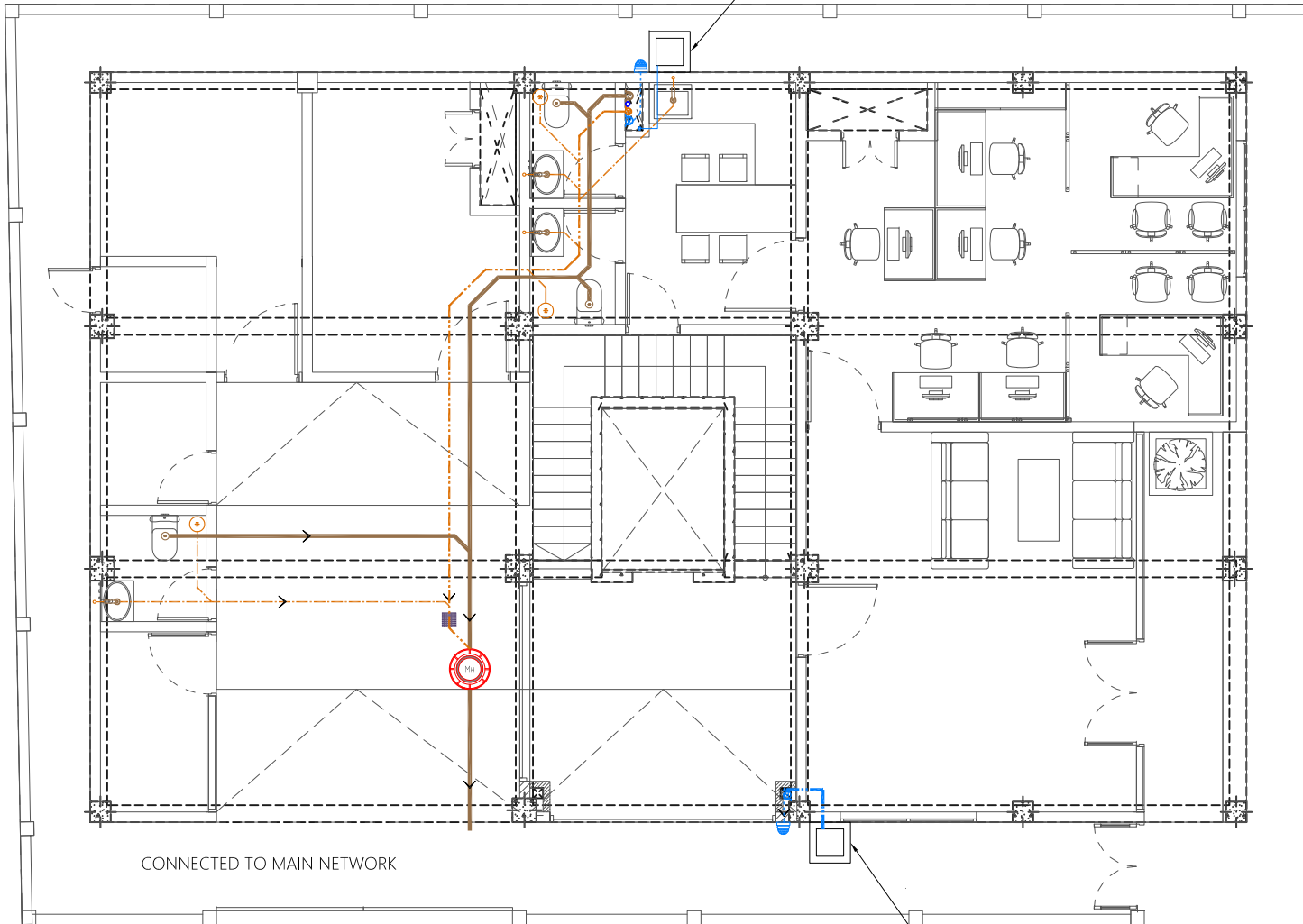


Clean Out Point



Bottle Trap

400 X 400 Masonry Drain Pit
450mm Deep With Gravel Bed
With 50mm Concrete Top Cover



400 X 400 Masonry Drain Pit
450mm Deep With Gravel Bed
With 50mm Concrete Top Cover

Notes: -

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

Proposed 05 Storey Building At

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Client

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Page:

DR-01

GROUND FLOOR DRAINAGE LAYOUT

1:100

Legend

-  Floor Drain
-  Floor Gully
-  40Ø Stub For Washing Machine Or Tub
-  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)
-  40Ø Condensate Drain Riser Pipe



Manhole



Gully Trap



110Ø Rainwater Outlet Perforated Cowl



110Ø Rainwater Outlet



110Ø Rainwater Wall Outlet



Rodding Eye



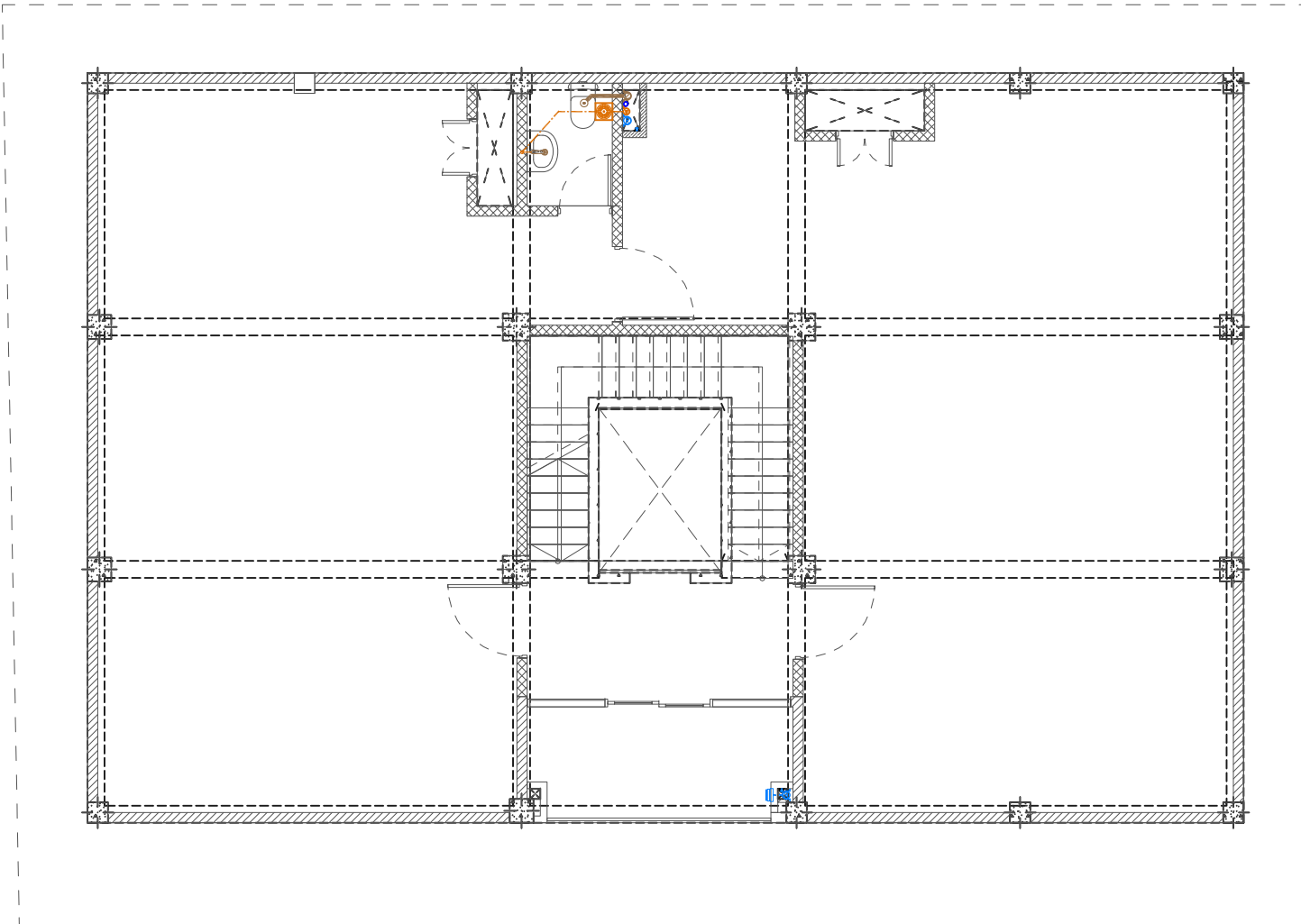
Clean Out Point



Bottle Trap

Notes: -

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



Proposed 05 Storey Building At

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Page:

DR-02

FIRST FLOOR DRAINAGE LAYOUT

1:100

Legend

-  Floor Drain
-  Floor Gully
-  40Ø Stub For Washing Machine Or Tub
-  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)



Manhole



Gully Trap



110Ø Rainwater Outlet Perforated Cowl



110Ø Rainwater Outlet



110Ø Rainwater Wall Outlet



Rodding Eye



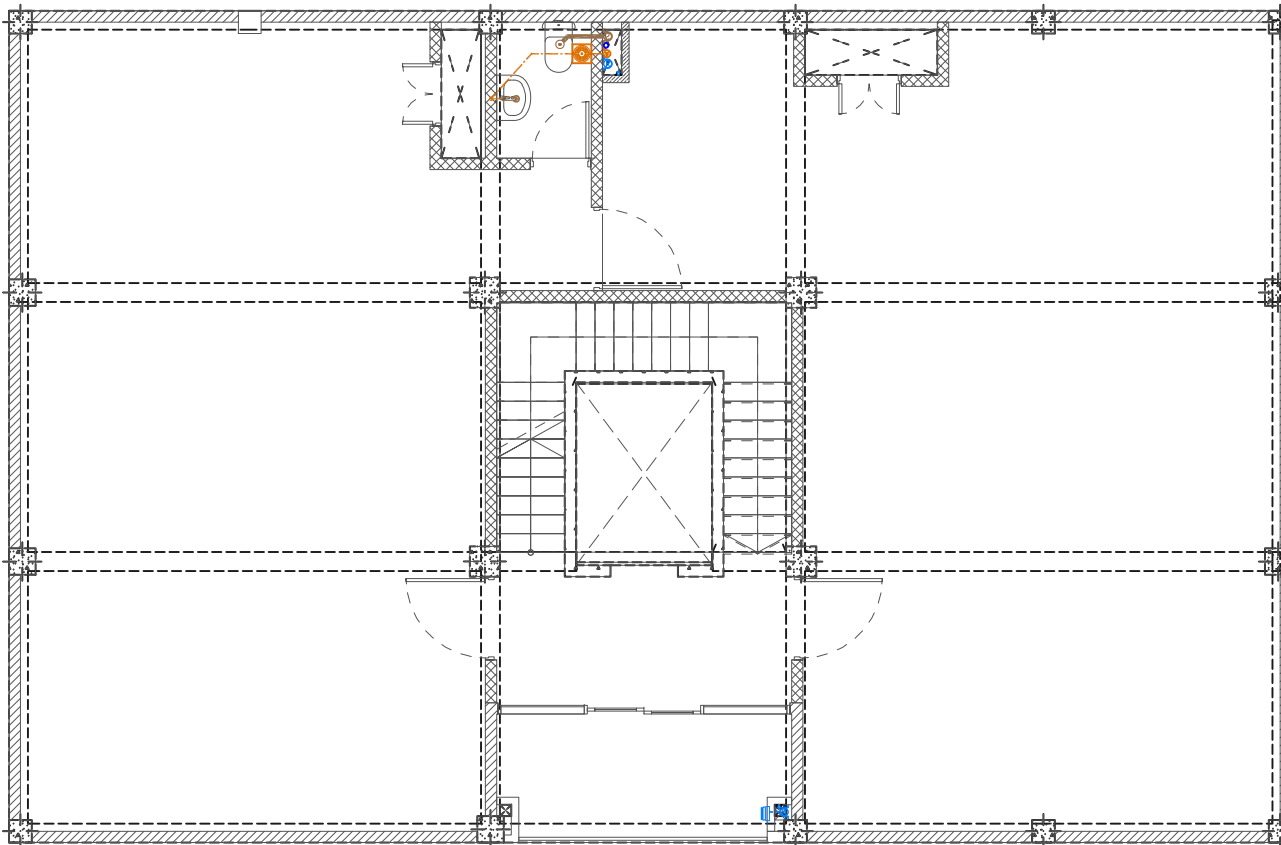
Clean Out Point



Bottle Trap

Notes: -

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



Proposed 05 Storey Building At

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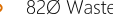



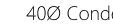
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DR-03

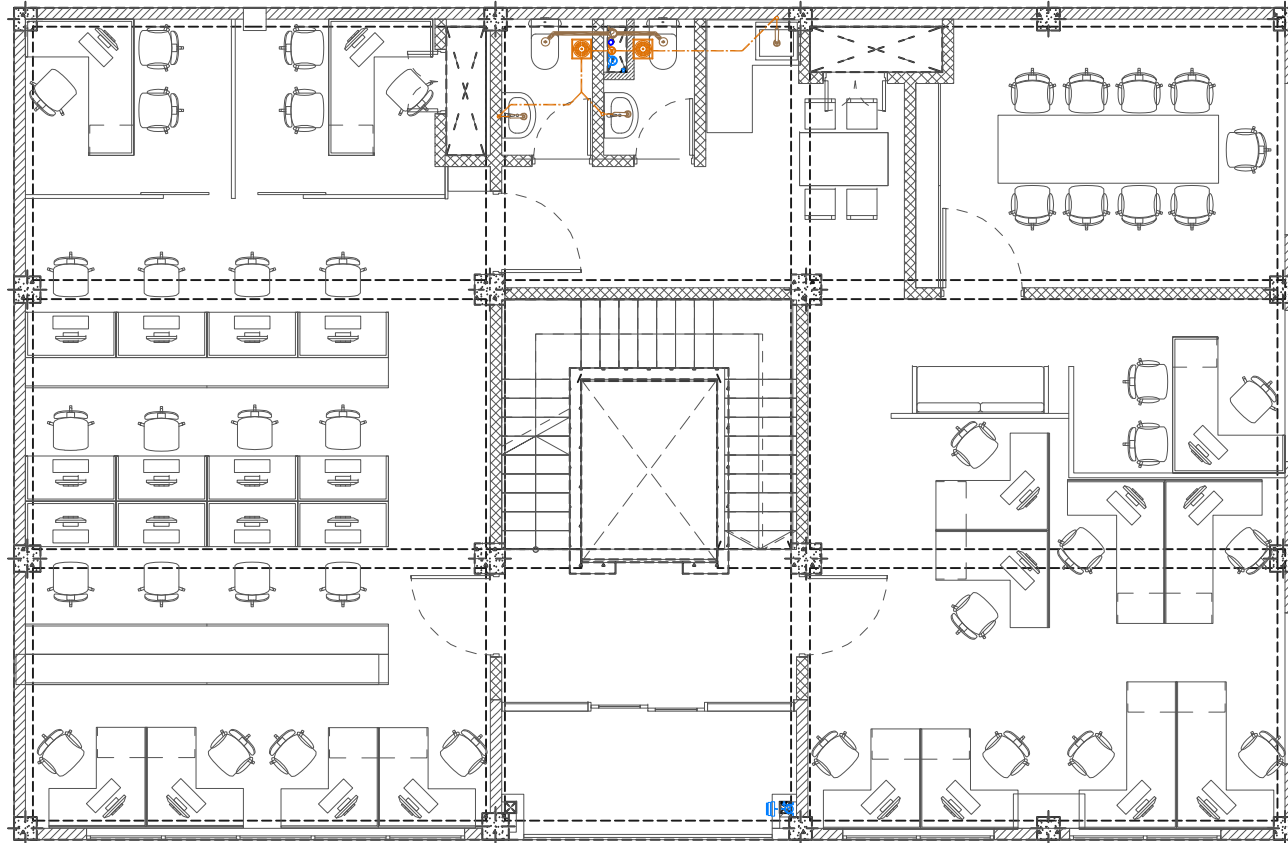
SECOND - THIRD FLOOR DRAINAGE LAYOUT

1:100

Legend

-  Floor Drain
-  Floor Drain with Gully
-  40Ø Stub For Washing Machine Or Tub
-  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)
-  40Ø Condensate Drain Riser Pipe

-  Manhole
-  Gully Trap
-  110Ø Rainwater Outlet Perforated Cowl
-  110Ø Rainwater Outlet
-  110Ø Rainwater Wall Outlet
-  Rodding Eye
-  Clean Out Point
-  Bottle Trap



Notes: -

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

Proposed 05 Storey Building At

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




Page:

DR-04

FOURTH FLOOR DRAINAGE LAYOUT

1:100

Legend

-  Floor Drain
-  Floor Gully
-  40Ø Stub For Washing Machine Or Tub
-  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)
-  40Ø Condensate Drain Riser Pipe



Manhole



Gully Trap



110Ø Rainwater Outlet Perforated Cowl



110Ø Rainwater Outlet



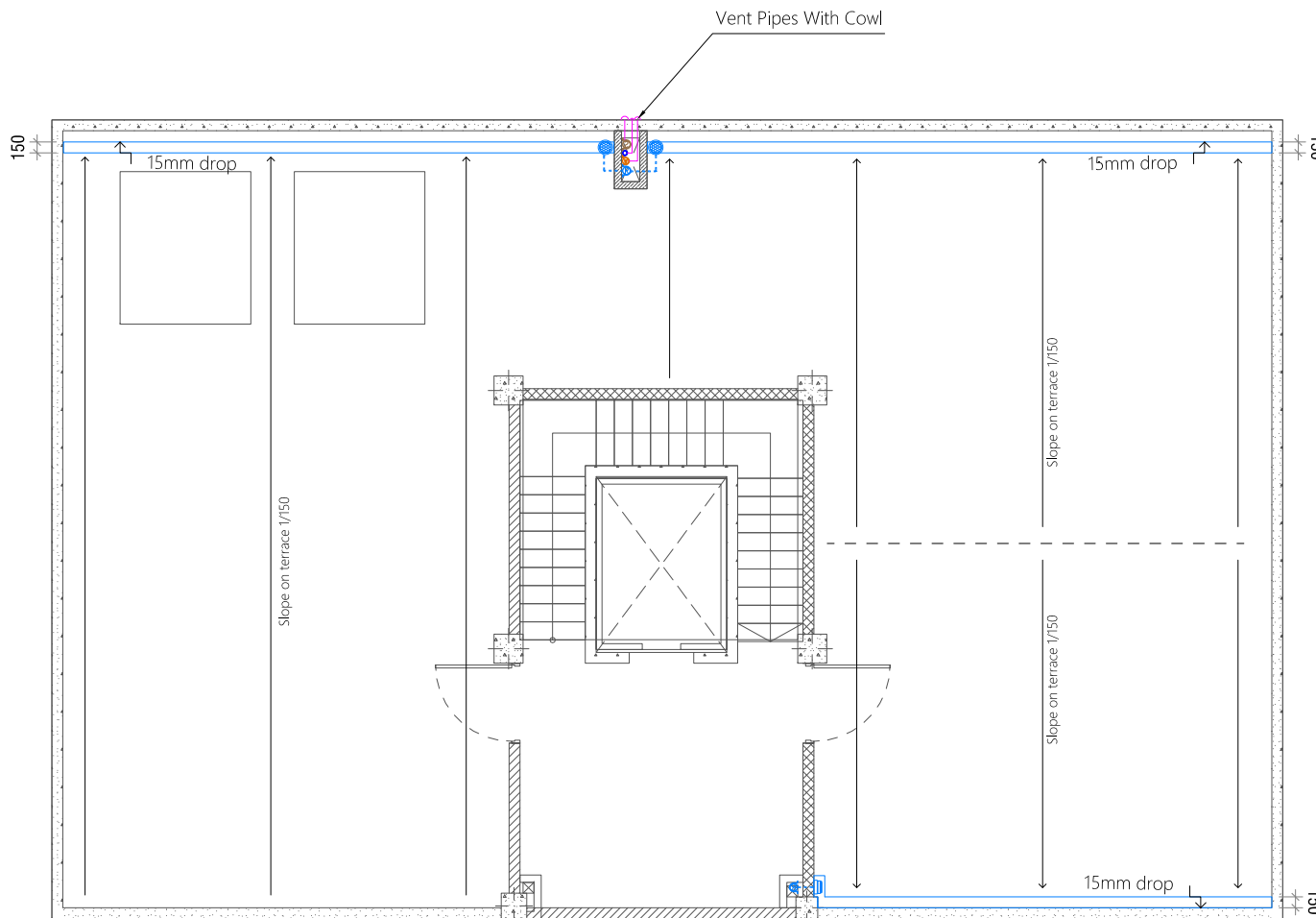
110Ø Rainwater Wall Outlet



Rodding Eye



Clean Out Point



Notes: -

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

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DR-05

TERRACE FLOOR DRAINAGE LAYOUT

1:100