



TVET Center Boat Yard  
R. Alifushi

BUILDING SERVICES DRAWINGS  
Ministry of Higher Education

Legend

- 82Ø PVC Duct For Tel./Internet Cable Lead In Below Ground Slab
- 13A Power Socket @ H.L.
- 13A Twin Socket
- 15A Switched Socket @ H.L.
- 13A Twin Socket in Weatherproof Polycarbonate Enclosure
- 15A Socket in Weatherproof Polycarbonate Enclosure
- Distribution Board
- Emergency Light
- Electricity Meter

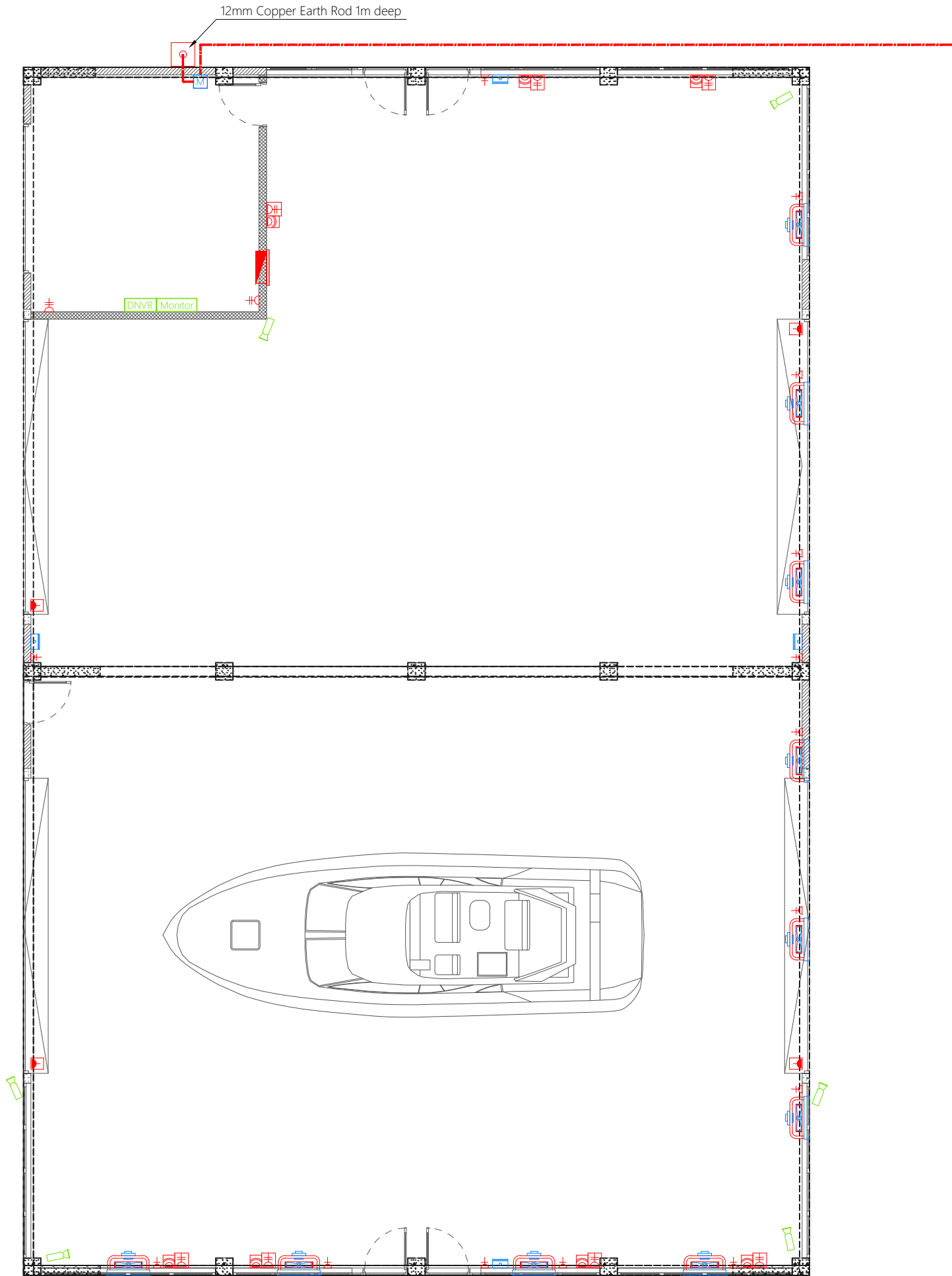
- HL.

High Level
- Angular Camera
- DNVR

Digital/network Video Recorder
- Monitor

Security Monitor
- Double Inlet, Centrifugal Motor, 1200m3/hr  
(Fixed Below Roof Beam)

Notes: -  
- All Twin Sockets At 300mm From F.F.L. Except Stated Otherwise  
- All electrical components shall be connected to respective Distribution Box in the same area as the component.



Proposed

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Client


**Ministry of Higher Education**

18/11/2021

Services By **Mohamed Rassam**

Checked By **-**

Drawn By **Mohamed Zaidhan**

  
**EPOCH**

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Husnuheena Magu, Male', Maldives

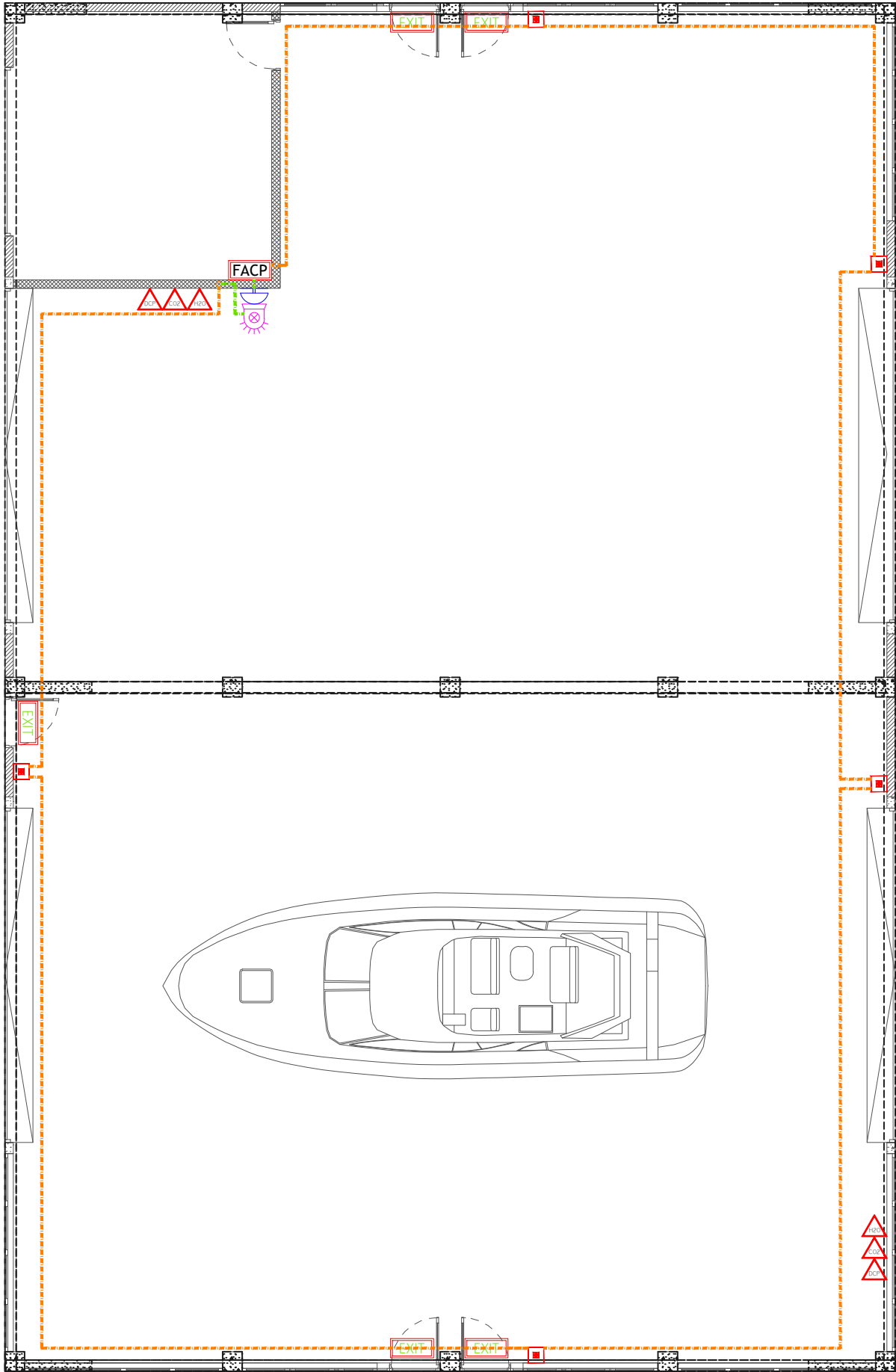
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**PAC-01**

Legend

- 2.5mm<sup>2</sup> Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits (Running Underground)
- 2.5mm<sup>2</sup> Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits (Above False Ceiling or Through Slab)
- FACP Fire Alarm Control Panel
- EXIT Exit Sign
- CO<sub>2</sub> Extinguisher (load: 2kg) In Polycarbonate Enclosure
- H<sub>2</sub>O Extinguisher (load: 9L) In Polycarbonate Enclosure
- DCP Extinguisher (load: 6kg) In Polycarbonate Enclosure
- Manual Call Point (At 1200mm from F.F.L.)
- Beacon
- Sounder Bell



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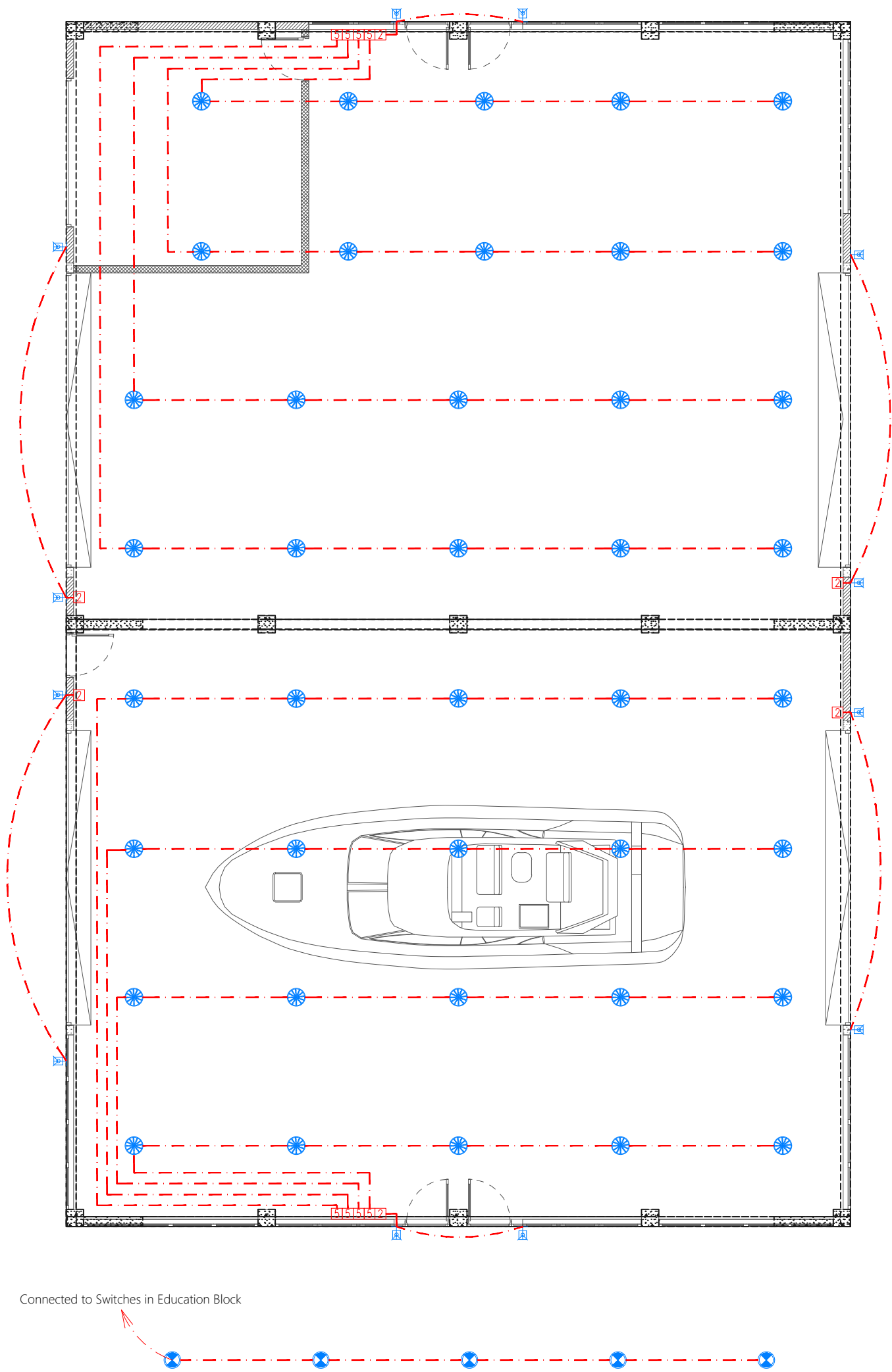
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Services By **Mohamed Rassam**  
Checked By **-**  
Drawn By **Mohamed Zaidhan**



Legend

-  Bollard Light IP65 (12W)
-  Weather Proof Wall Light IP55 (12W)
-  100W, LED, Low Bay Light (At 6000mm from FFL)
-  Light and Fan Switch (1 Gang - 5 Gang)



GROUND FLOOR LIGHTING LAYOUT

1:100

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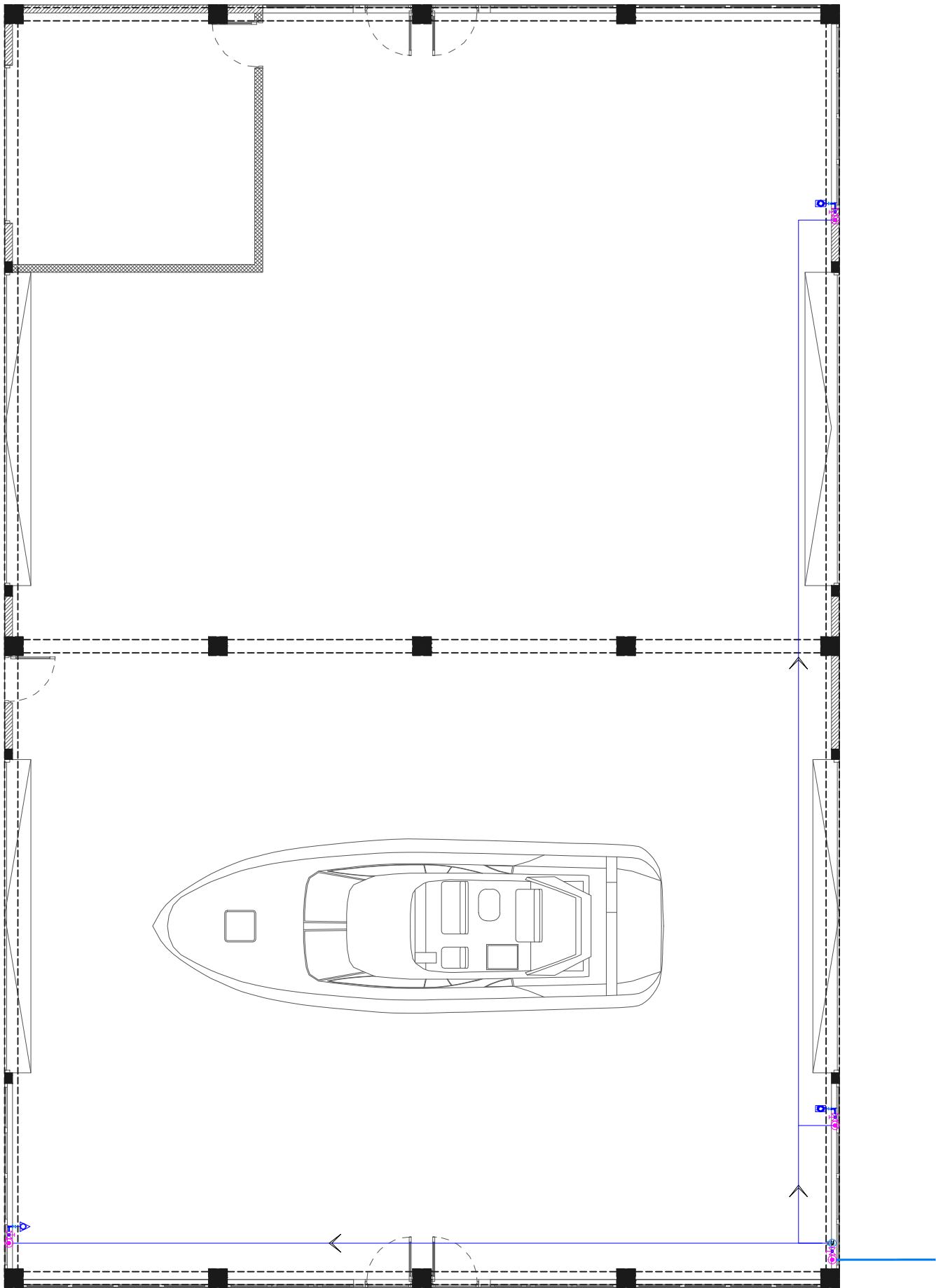
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**EL-01**

Legend


- 16Ø Cold Water Supply To Wall Tap
- 16Ø Cold Water Supply To Sink Tap
- Gate Valve
- Rise In Wall
- MWSC Meter
- 20Ø Cold Water Supply Pipes Running In Wall
- 25Ø Cold Water Supply Pipes Running Underground
- Pipe From Main Supply





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Legend

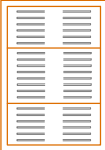
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Floor Drain
- 


Floor Gully
- 


Bottle Trap
- 


82Ø Waste Pipe (uPVC Pipe)
- 

40Ø Waste Pipe (uPVC Pipe)
- 

Oil Trap 2000 x 1400mm
- 

110Ø Rain Water Pipes (uPVC Pipe)
- 

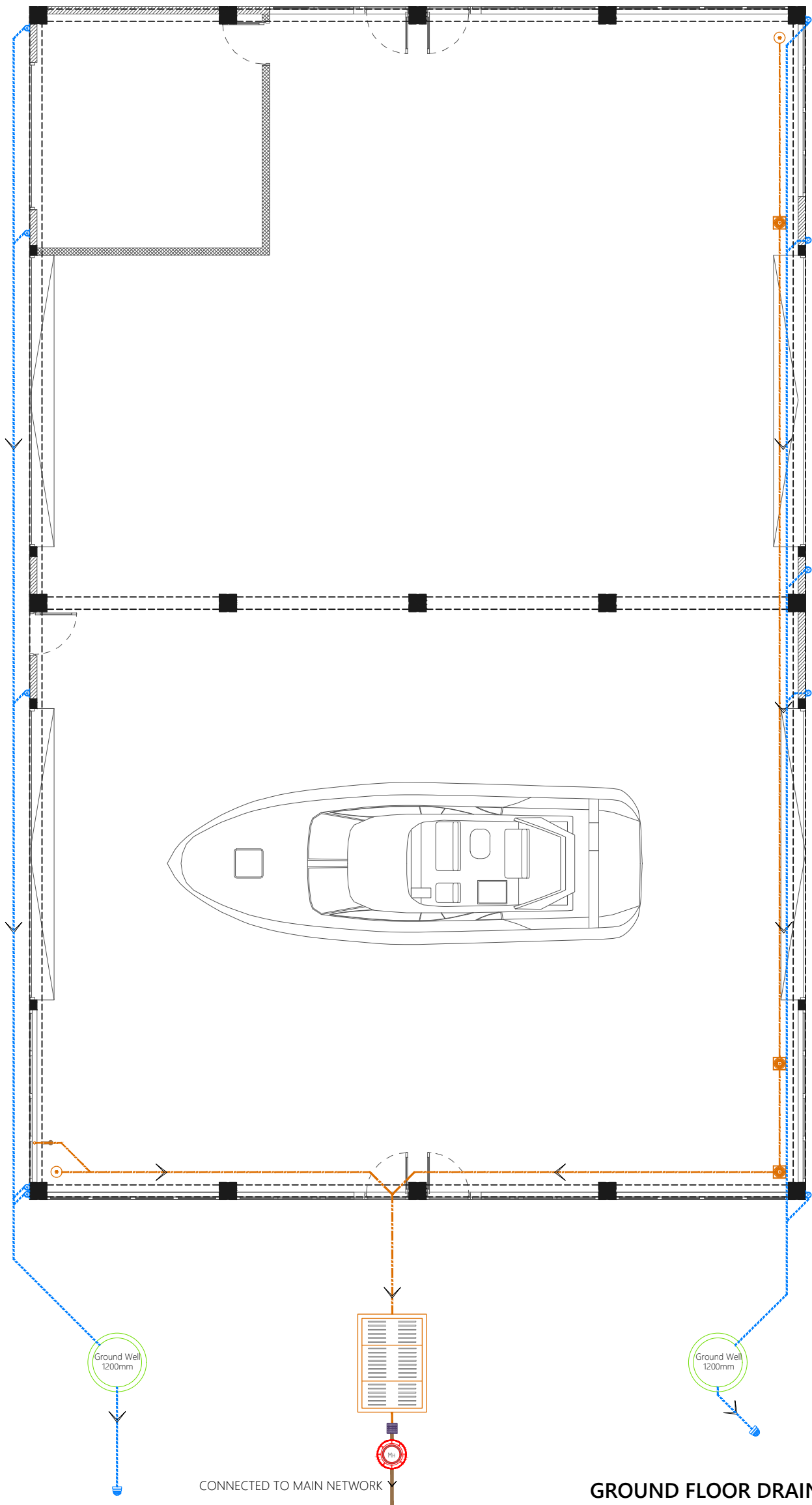
110Ø Rainwater Outlet Perforated Cowl
- 

Gully Trap
- 

Manhole

Notes: -

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



CONNECTED TO MAIN NETWORK

GROUND FLOOR DRAINAGE LAYOUT

1:100

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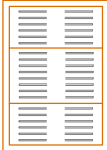




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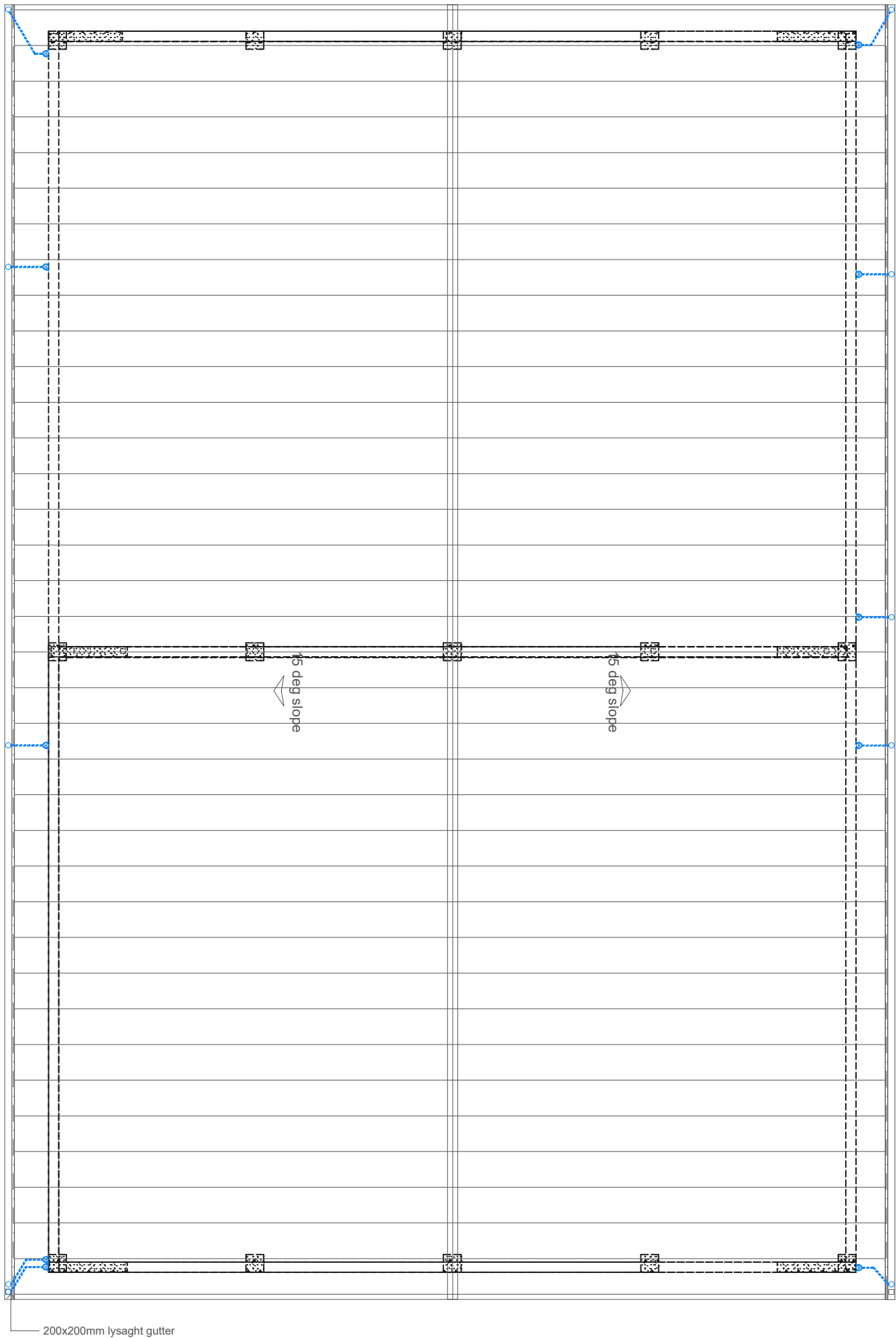
**DR-01**

Legend

-  Floor Drain
-  Floor Gully
-  Bottle Trap
-  82Ø Waste Pipe (uPVC Pipe)
-  40Ø Waste Pipe (uPVC Pipe)
-  Oil Trap 2000 x 1400mm
-  110Ø Rain Water Pipes (uPVC Pipe)
-  110Ø Rainwater Outlet Perforated Cowl
-  Gully Trap
-  Manhole

Notes: -

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- All Floor Drains Should Have 'P' Traps



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