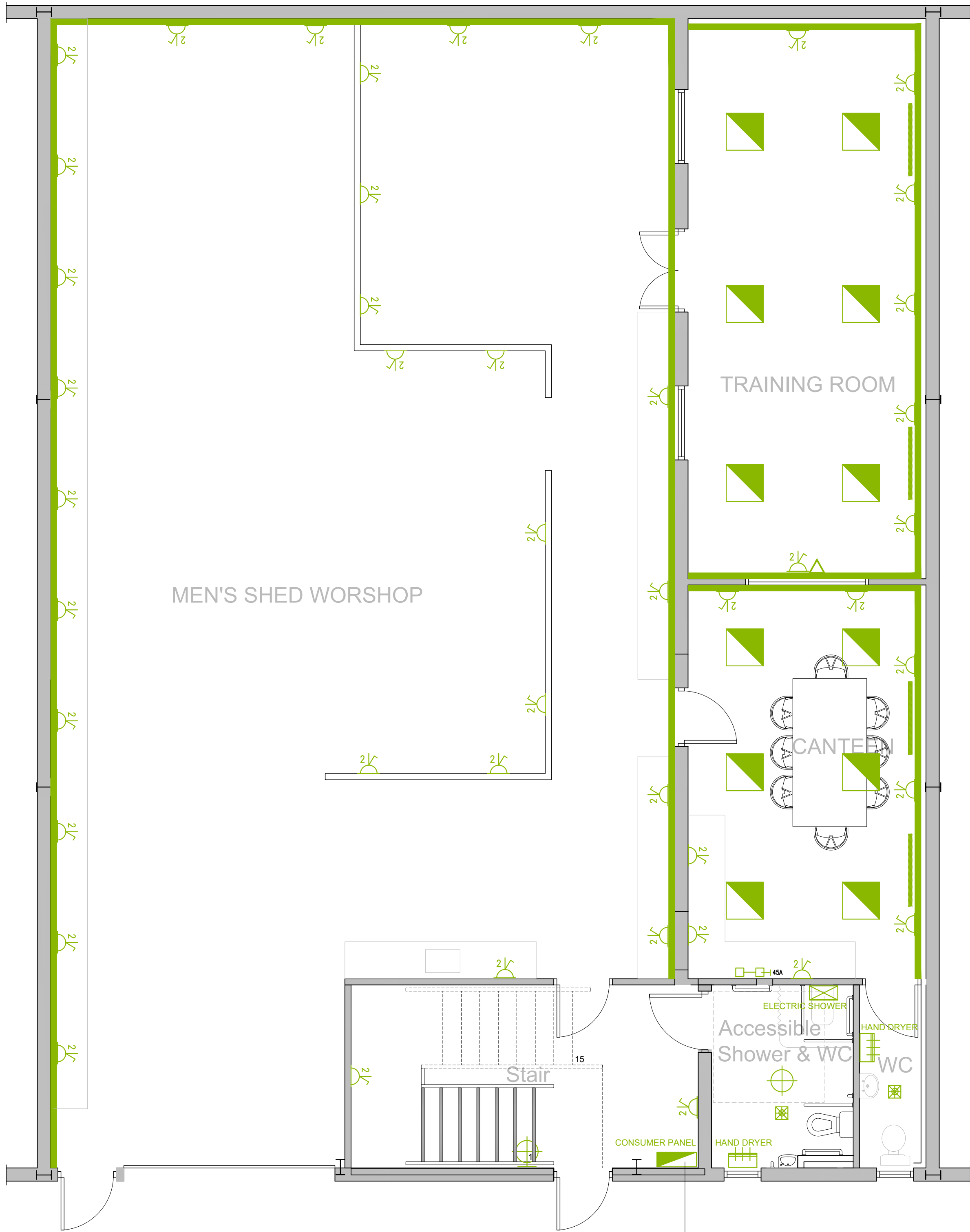
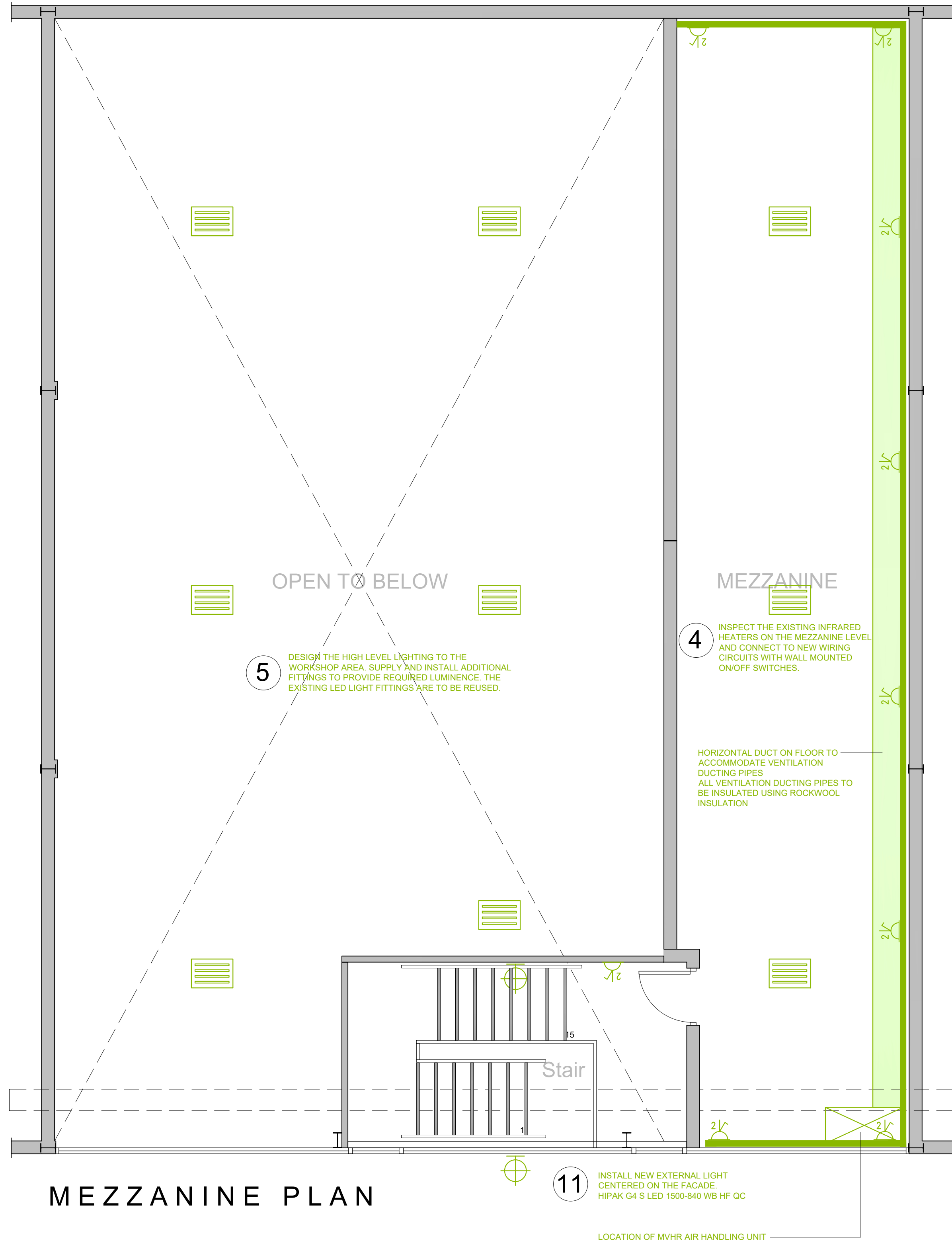


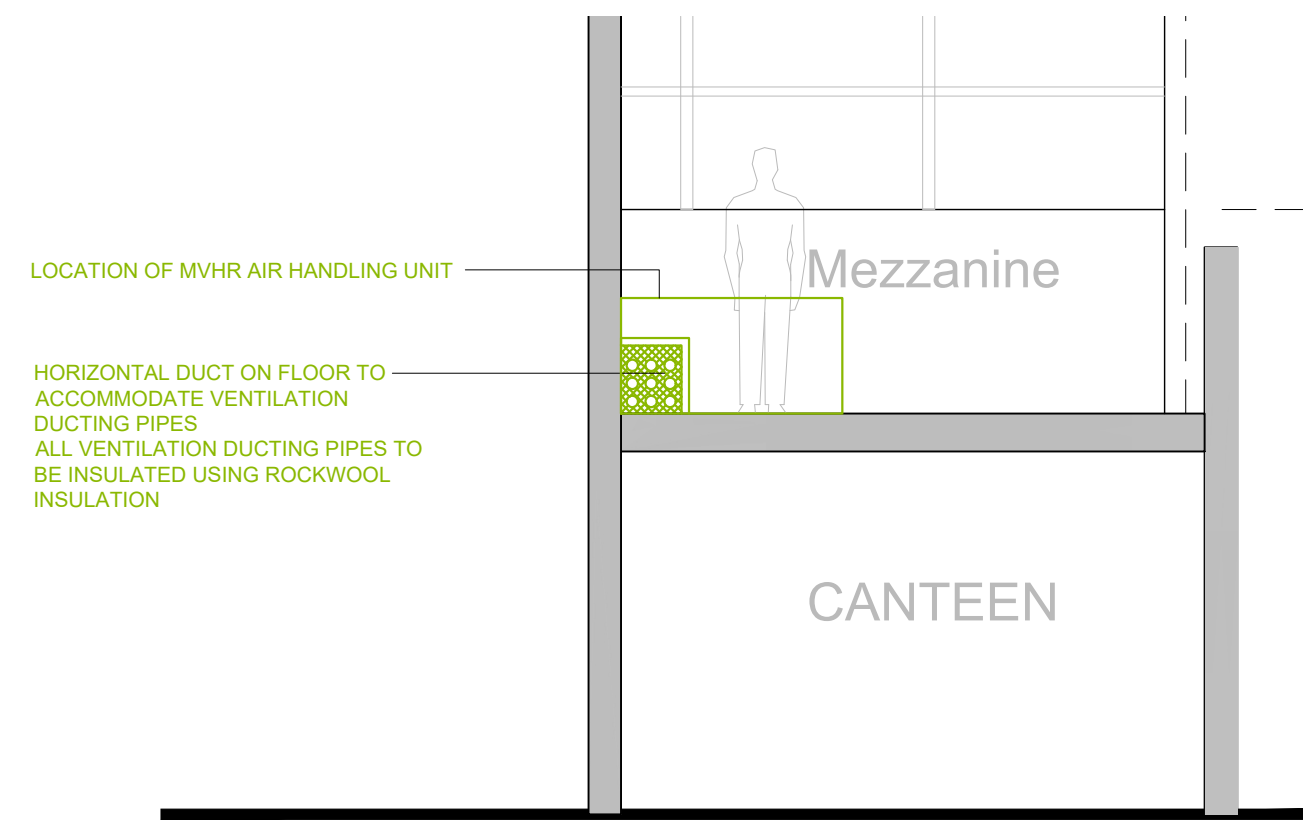


GROUND FLOOR PLAN

- DESIGN, SUPPLY, INSTALL & COMMISSION AN INTRUDER ALARM SYSTEM I.S. EN 50131-1:2006. SYSTEM TO INCLUDE SENSORS ON GROUND FLOOR WINDOWS AND EXTERNAL DOORS AND INTERNAL PIR MOTION SENSORS.
- SUPPLY & INSTALL ONE NO. EXTERNAL LIGHT TO REPLACE EXISTING. LIGHT TO BE MOUNTED ON THE EXTERNAL WALL CLADDING. HIPAK G4 S LED 1500-840 WB HF QC5 (WALL MOUNTED EXTERIOR) 86W 174.4LM/W.
- SUPPLY & INSTALL EXTRACTION FANS TO THE WC AND ACCESSIBLE TOILET.
- DESIGN, SUPPLY AND INSTALL NEW CEILING MOUNTED LIGHT FITTINGS TO THE CANTEEN, TRAINING ROOM AND ACCESSIBLE TOILET. USE 600X600MM SQUARE FITTINGS TO THE CANTEEN AND TRAINING ROOM. ALL FITTINGS TO BE SURFACE MOUNTED.
- DESIGN, SUPPLY AND INSTALL A REPLACEMENT ELECTRICITY CONSUMER BOARD FOR THE FACTORY UNIT TO ACCOMMODATE ALL INTERNAL ELECTRICAL LOADS. LEAVE PROVISION FOR FUTURE EXTERNAL LIGHTING.
- SUPPLY AND INSTALL CONTAINMENT FOR THE NEW ELECTRICAL INSTALLATION. INCLUDING DADO DUCTING TO THE ENCLOSED ROOMS, MEZZANINE AND WORKSHOP; AND HIGH LEVEL CABLE TRAYS ETC TO SUPPLY TO THE ELECTRICAL EQUIPMENT ON THE WORKSHOP FLOOR.
- INSTALL NEW ELECTRICAL WIRING TO SOCKETS AND LIGHTING AND ALL ELECTRICAL EQUIPMENT AS PER THE M&E LAYOUT DRAWINGS. INCLUDE FOR ELECTRICAL CONNECTION TO A TRITON OMNICARE DESIGN THERMOSTATIC SHOWER WITH EXTENDED KIT SUITABLE FOR MAINS WATER CONNECTION IN THE ACCESSIBLE TOILET. INCLUDE FOR HAND DRIERS IN THE WC AND ACCESSIBLE TOILET. INCLUDE FOR AN ELECTRIC OVEN IN THE KITCHEN. SUPPLY NEW LIGHTING TO THE CANTEEN, TRAINING ROOM AND ACCESSIBLE TOILET AND STAIRWELL.
- SUPPLY AND INSTALL NEW SHOWER TO ACCESSIBLE TOILET. TRITON OMNICARE DESIGN THERMOSTATIC SHOWER WITH EXTENDED KIT SUITABLE FOR MAINS WATER CONNECTION.
- SUPPLY AND INSTALL NEW ELECTRIC SPACE HEATERS TO THE CANTEEN AND TRAINING ROOM.
- DESIGN, INSTALL AND COMMISSION EMERGENCY LIGHTING FOR THE FACTORY UNIT IN ACCORDANCE WITH I.S. 3217:2023.
- DESIGN, INSTALL AND COMMISSION A FIRE DETECTION AND ALARM SYSTEM FOR THE UNIT IN ACCORDANCE WITH I.S. 3218:2024.
- SUPPLY AND INSTALL A DEMAND CONTROLLED VENTILATION SYSTEM WITH HEAT RECOVERY, (MVHR), FOR THE ENCLOSED, HEATED ROOMS IN THE FACTORY UNIT.



MEZZANINE PLAN



SECTION

Scale 1/50

GENERAL ENGINEERING NOTES

- This drawing shall be read in conjunction with relevant Architectural, Civil and Mech/Elect drawings.
- Figured dimensions only to be taken from this drawing.
- All dimensions shall be checked on-site by the steelwork contractor and setting out dimensions shall be confirmed on site prior to fabrication of any steelwork. Any discrepancies shall be reported by the contractor to the Engineer or Architect without delay.

KEY M&E

- 2KW ELECTRIC SPACE HEATER WITH TIMER CONTROLS
- 13A TWIN SWITCHED SOCKET OUTLINE
- 600 x 600 SURFACE MOUNTED LIGHT FITTINGS
- NEW EXTRACT FANS

Rev.	Amendment	Date	Dwn.	Ckd.
-	-	-	P.G.	M.C.

Preliminary For Costing Only

Project:
**Energy upgrades to Unit 1i -
Scioból na bhFear Gaoth Dobhair**

Drawing:
Mechanical & Electrical

Dwg Num.	Scale	Date	Rev.
EC 301	1/50	July 2026	
Job No.	Design	Drawn	Checked
CC - 1832	M.C.	P.G.	M.C.

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Ordnance Survey Ireland and Government of Ireland	REGISTERED FIRM

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