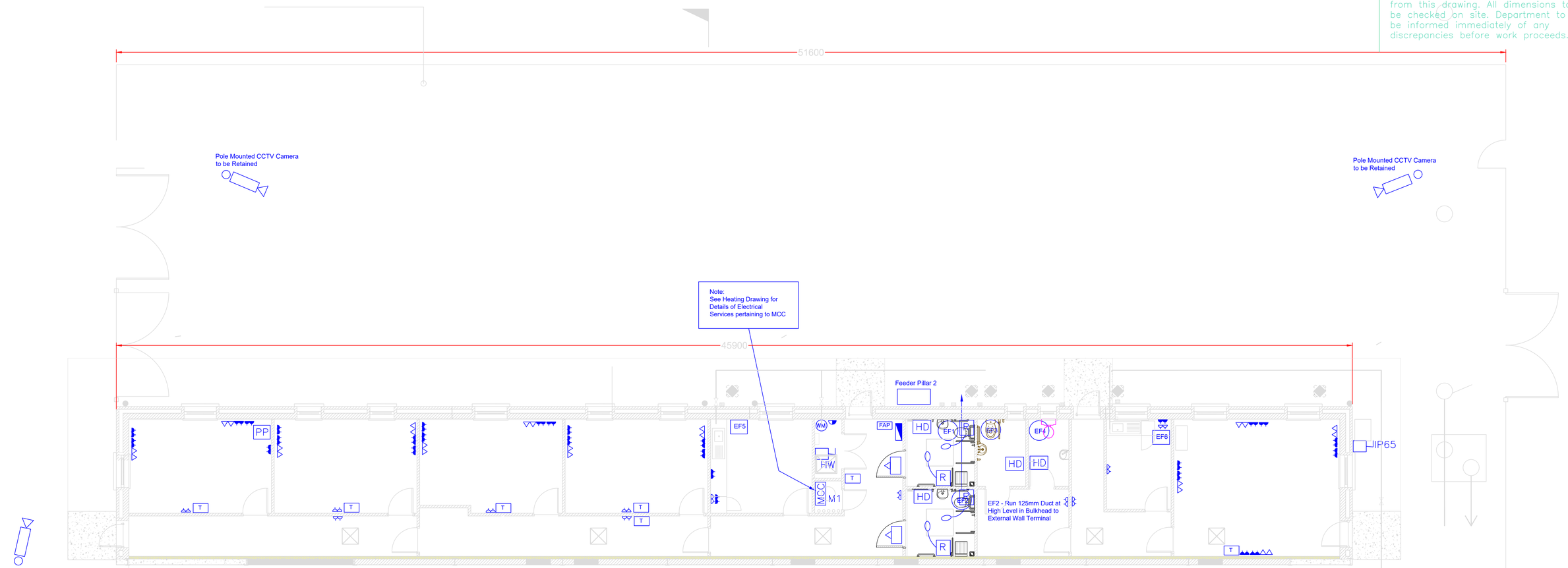
NOTES:

Figured dimensions only to be taken from this drawing. All dimensions to be checked on site. Department to be informed immediately of any discrepancies before work proceeds.



LEGEND

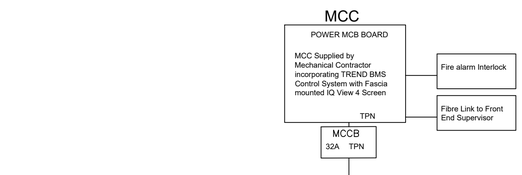
- Main Distribution Board
- MCC — Motor Control Centre (BMS Controls) supplied by Mechanical Contractor
- 13A Twin Socket Outlet Switched
- 13A Single Socket Outlet Switched mounted at 800mm above FFL
- 13A Twin Socket Outlet Switched mounted at 800mm above FFL
- Spur Outlet
- HW — Hot Water Calorifier Immersion Heater–Timeclock Controlled
- Twin RJ45 Voice/Data Outlet wired back to Patch Panel PP
- PP — New Patch Panel
- WM — Pulsed Water Meter
- FAP — Fire Alarm Panel Interlocked with MCC Panel
- Space Temperature Sensor
- PIR Activity Sensor
- HD — Hand Drier as World Airforce –Chrome
- 20A D.P. Isolator
- Extract Fan c/w Activity Sensor & 15min. Overrun timer.
- Extract Fan with Local Switch
- M1 — U/F Heating Manifold
- CCTV Camera– Existing to be Retained
- R — Disabled Sounder/Lamp/PSU Pullcord

Note:
Final Locations of Power and Data Outlets to be confirmed on site with Engineer prior to first Fix Installation.

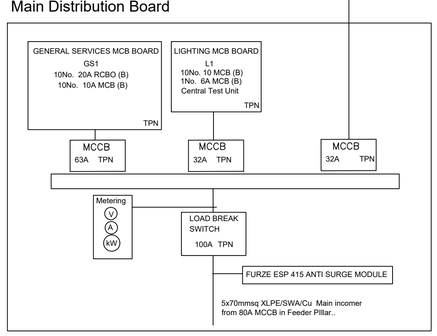
Maximum of 6no. Power Sockets to be wired per circuit.

Cordination with Mechanical contractor required prior to First Fix Installation

All Electrical Work to conform with Current national Rules for Electrical Installations I.S. 10101 :2020



Main Distribution Board



Note:

All New Distributio0n Boards to have 25% Extra Space for Future Use.

Manufacturers workshop drawings to be provided to Engineer for approval prior ordering of equipment.

All SWA cables must be fully Glanded and Shrowded and fitted with Earth Lugs.

Main Distribution Board to be fitted with Metering on All Main Circuits.

Distribution Boards and Circuits to be Fully Labelled

Drawings are indicative. All existing electrical systems to be verified on site. -Note Existing wiring colour coding is not consistent and of different age and Neutral/Phase colour conventions.

Stripping out of Existing Electrical Switchgear must be coordinated and agreed with Barracks engineer staff to minimise disruption to buildings with downstream connections.

Labelling of Existing Switchgear may not be accurate. Verify Circuitry with Barrack Engineer Staff prior to disconnection of Electrical Service connections.

All Electrical Work to Comply with Current National Rules for Electrical Installations IS 10101:2020

REV	DESCRIPTION	BY	DATE

job title

NEW BFW OFFICES
AT GORMANSTON CAMP
Co. MEATH

drg.title

PROPOSED SERVICES

ELECTRICAL GENERAL SERVICES LAYOUT

scale: 1:75

drawn	checked	date
DDD	C.Carey	May.2026

PLANNING & DESIGN OFFICE
Infrastructure & Utilities,2 Engr. Group, Cathal Brugha Bks., Dublin 6.

drg.no. PDE-B14-85- 401

rev