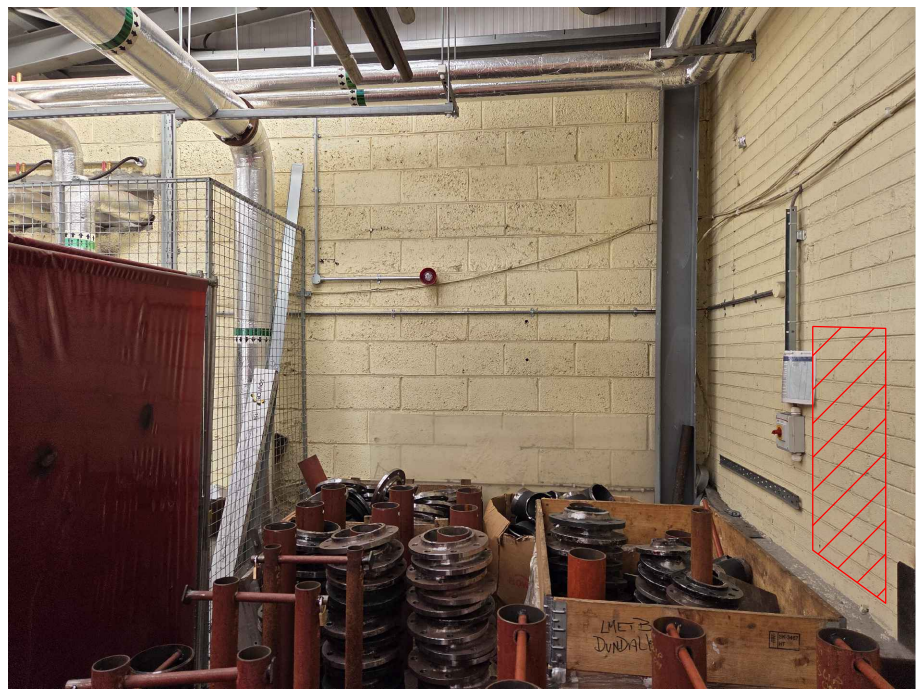
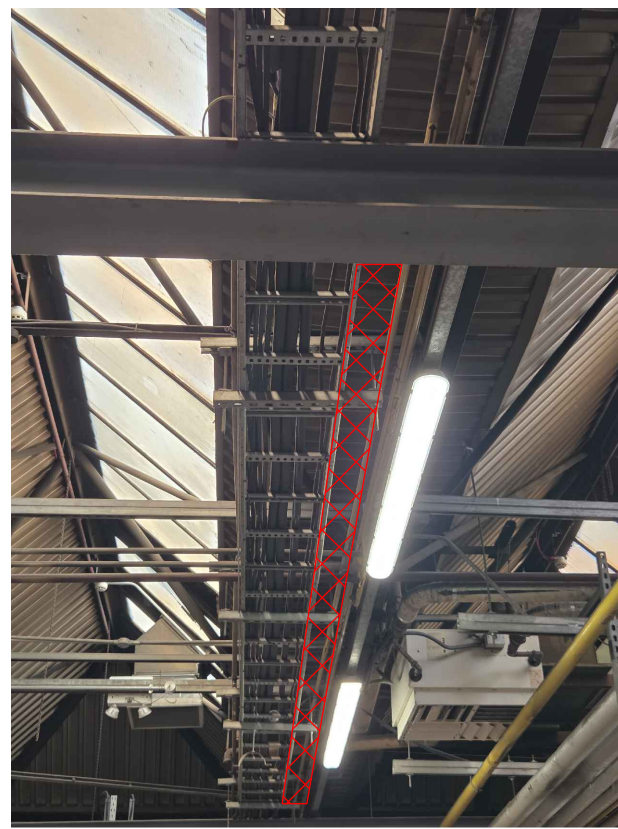
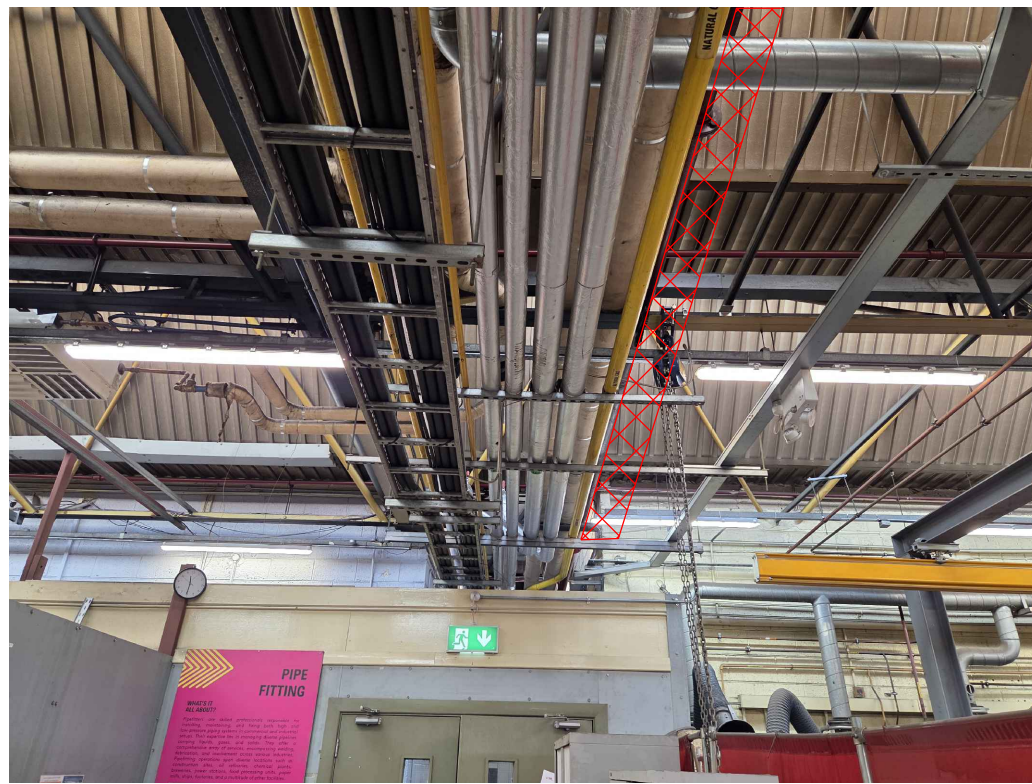




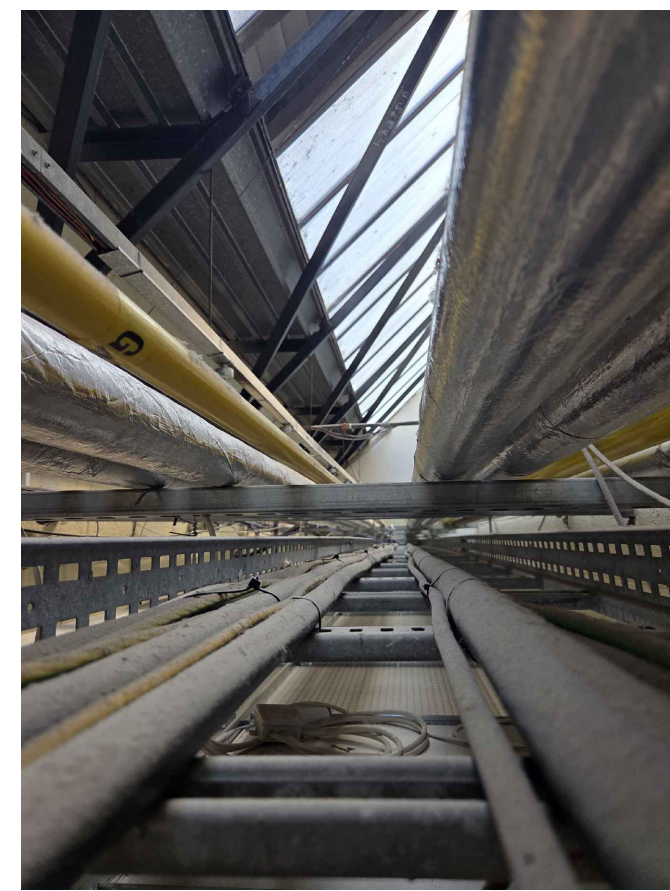
2 NEW MECHANICAL DISTRIBUTION BOARD
N.T.S.



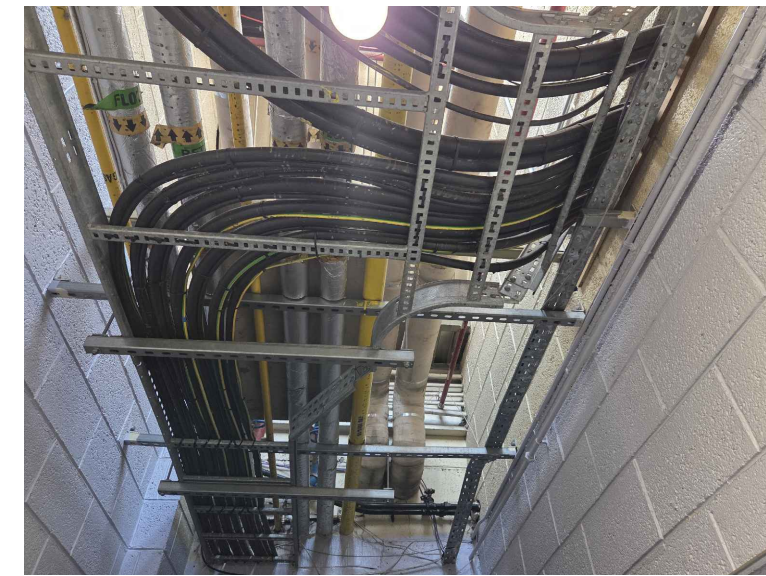
3 NEW CABLE TRAY PROPOSED LOCATION
N.T.S.



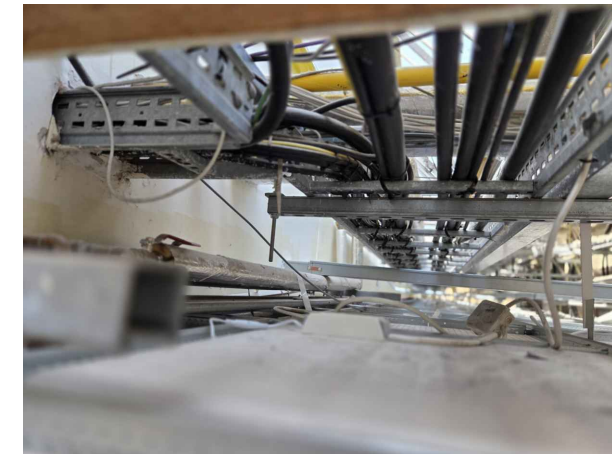
4 EXISTING CABLE TRAY 1
N.T.S.



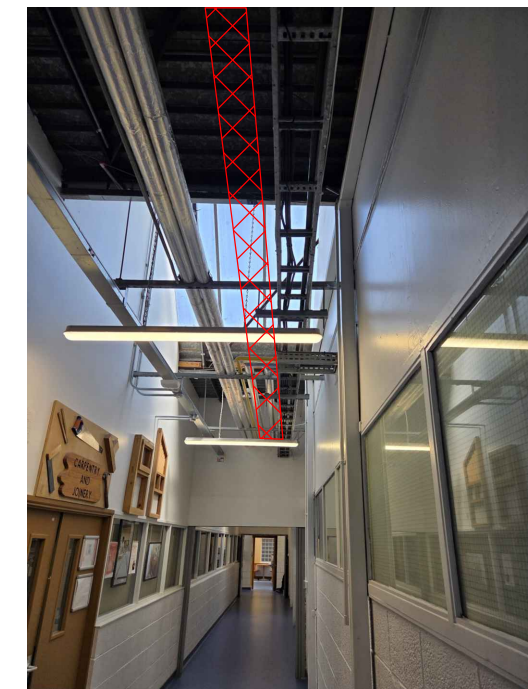
5 EXISTING CABLE TRAY 2
N.T.S.



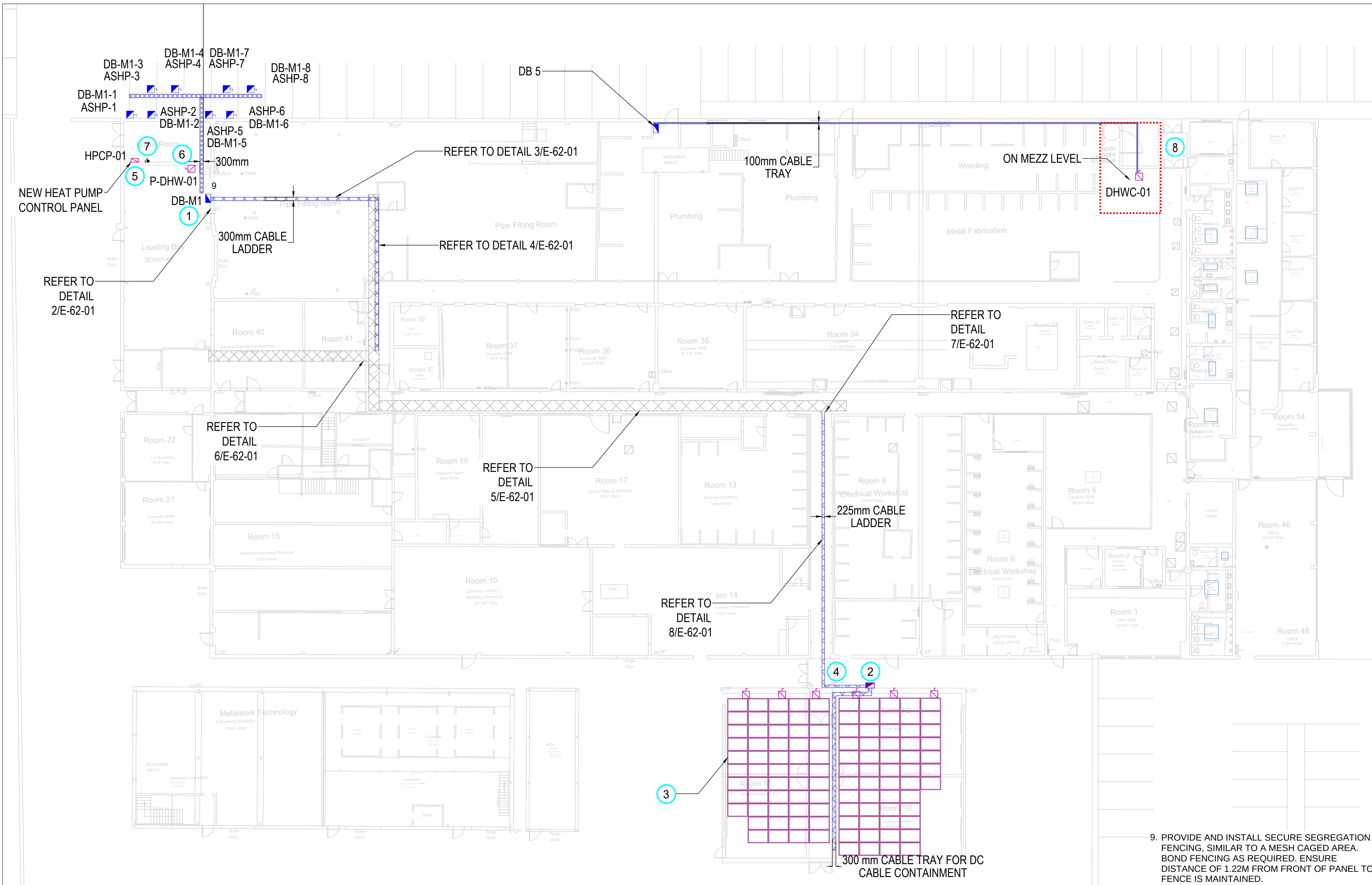
6 EXISTING CABLE TRAY 3
N.T.S.



8 NEW CABLE TRAY PROPOSED LOCATION
N.T.S.



8 NEW CABLE TRAY PROPOSED LOCATION
N.T.S.



1 MAIN FLOOR POWER PLAN
1:200

GENERAL NOTES

- DO NOT SCALE FROM THIS DRAWING.
- THE CONTRACTOR MUST VERIFY ALL DIMENSIONS TOLERANCES AND REFERENCES BEFORE PROCEEDING WITH WORKS.
- ANY DISCREPANCY FOUND BETWEEN THIS DRAWING AND ANY OTHER DOCUMENTS MUST BE REPORTED IMMEDIATELY TO THE CONTRACT ADMINISTRATOR.
- REMOVE THIS DRAWING FROM CURRENCY WHEN REVISED DRAWING IS ISSUED.
- COPYRIGHT OF DESIGNS SHOWN ON THIS DRAWING REMAINS WITH INTROBA
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER CONTRACT PROJECT DOCUMENTS.
- SHUTDOWN ON SYSTEM SHALL BE AFTER HOURS WHEN BUILDING IS UNOCCUPIED. CLOSE COORDINATION IS REQUIRED WITH THE CLIENT TO SCHEDULE SHUTDOWN. MODIFICATIONS ARE PENDING DISCUSSIONS WITH SPECIALIST CONTRACTOR.
- ELECTRICAL ONE LINE DIAGRAM PROVIDED BY OTHERS. EQUIPMENT SHOWN IN BLACK LINES ARE DESIGN BY INTROBA, GREY IS EXISTING.
- ALLOW FOR THREE (3) 230V, 1PH, 10A CIRCUITS FOR HEAT TRACING OF HEAT PUMP PIPING. COORDINATE EXACT LOCATION WITH MECHANICAL PRIOR TO INSTALL.

NEW CABLE TRAY
EXISTING CABLE TRAY

A1 ORIGINAL SIZE DRAWING

02	STAGE 4 ISSUED FOR TENDER	JM	28/08/26
01	STAGE 2b FOR REVIEW	JM	17/07/26
No.	REVISION	CHK	DATE

Introba
INTROBA IRELAND LTD
CATHEDRAL COURT
NEW ST SOUTH
THE LIBERTIES
DUBLIN 8
D08 C525

CLIENT
Imetb
Imetb Ireland Ltd
Energy and Environmental
Consulting and Engineering
Services

PROJECT
RSTC DUNDALK

TITLE
MAIN FLOOR POWER PLAN

DATE 28.08.2026 SCALE AS NOTED
DESIGNED IP CHECKED JM APPROVED JM

SUITABILITY CODE SUITABILITY DESCRIPTION
STAGE 4

DRAWING STATUS
STAGE 4

DRAWING No. 10005-IRB-XX-GF-D-E-62-01
REVISION

- KEYNOTES:**
- NEW MECHANICAL DISTRIBUTION BOARD.
 - POTENTIAL LOCATION OF OUTDOOR RATED 50KW INVERTER. LOCATION TO BE CONFIRMED WITH OWNER PRIOR TO INSTALL.
 - PV, EQUIPMENT AND CABLE TRAY LAYOUT SHOWN IS INDICATIVE. CONTRACTOR TO SUBMIT PV PROPOSAL FOR A SYSTEM THAT PROVIDES A SOLAR GENERATION OF MINIMUM 39,000kWh. PV PANEL SHALL BE MOUNTED ON A CLIP AND RAIL SYSTEM. REFER TO ARCHITECTURAL PACKAGE FOR DETAILS ON THE ROOF. ENSURE PV SYSTEM MOUNTING DOES NOT AFFECT THE ROOF INTEGRITY OR STRUCTURAL LOADING ON THE ROOF. SUBMIT STRUCTURAL CALCULATIONS ALONG WITH PV INSTALLATION PLAN PRIOR TO ORDERING SYSTEM.
 - CABLE TRAY SHALL EXIT BUILDING AND TRAVEL DOWN TO INVERTER. PROVIDE WEATHER SEALING AND FIRESTOPPING FOR ALL PENETRATIONS.
 - HEAT PUMP CONTROL PANEL TO BE FEED FROM LOCAL PANEL.
 - CABLE TRAY SHALL RISE UP TO ROOF LEVEL, TRAVEL ACROSS THE ROOF AND DROP DOWN TO GROUND LEVEL. ENSURE ALL PENETRATIONS ARE SEALED APPROPRIATELY.
 - PROVIDE 230V POWER FOR DATA LOGGER. ELECTRICAL ENERGY METERS SHALL CONNECT TO DATA LOGGER FOR REMOTE MONITORING BY ULTAN TECHNOLOGIES.
 - ALLOW FOR REMOVAL AND REINSTALLATION OF ELECTRICAL WIRING AND EQUIPMENT IN THIS AREA TO ACCOMMODATE MECHANICAL EQUIPMENT INSTALLATION. REMOVE ANY REDUNDANT WIRES BACK TO SOURCE.