

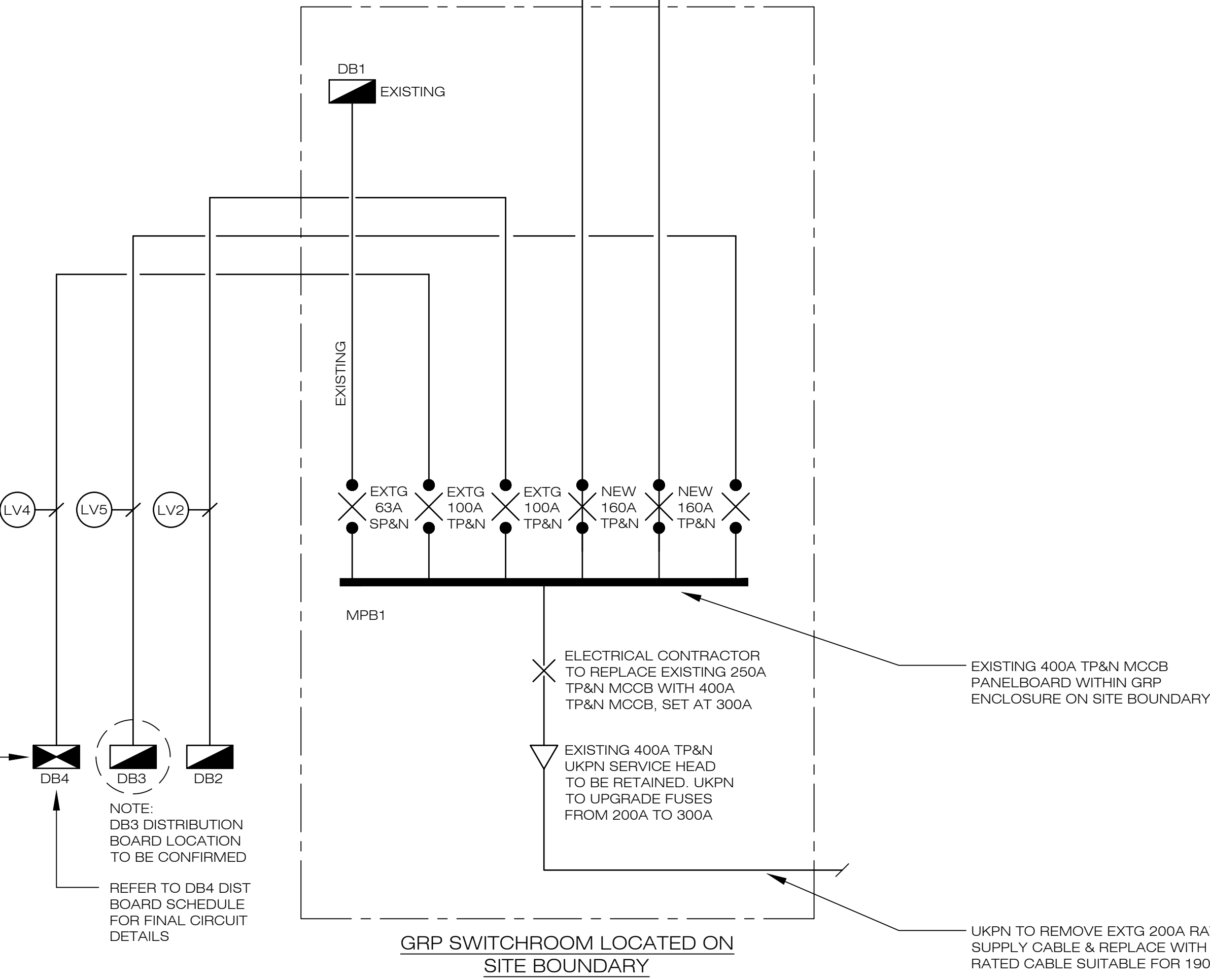
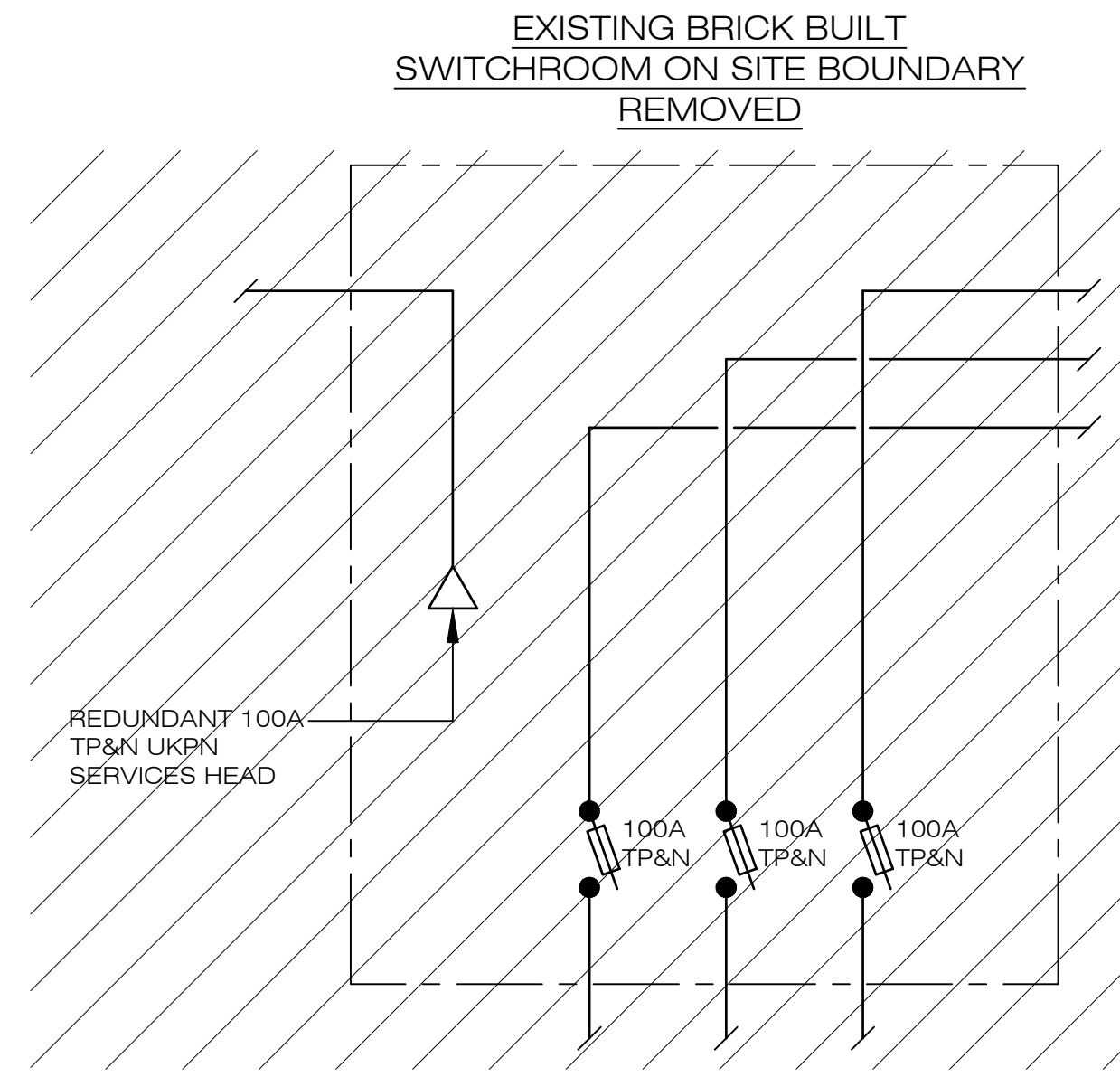
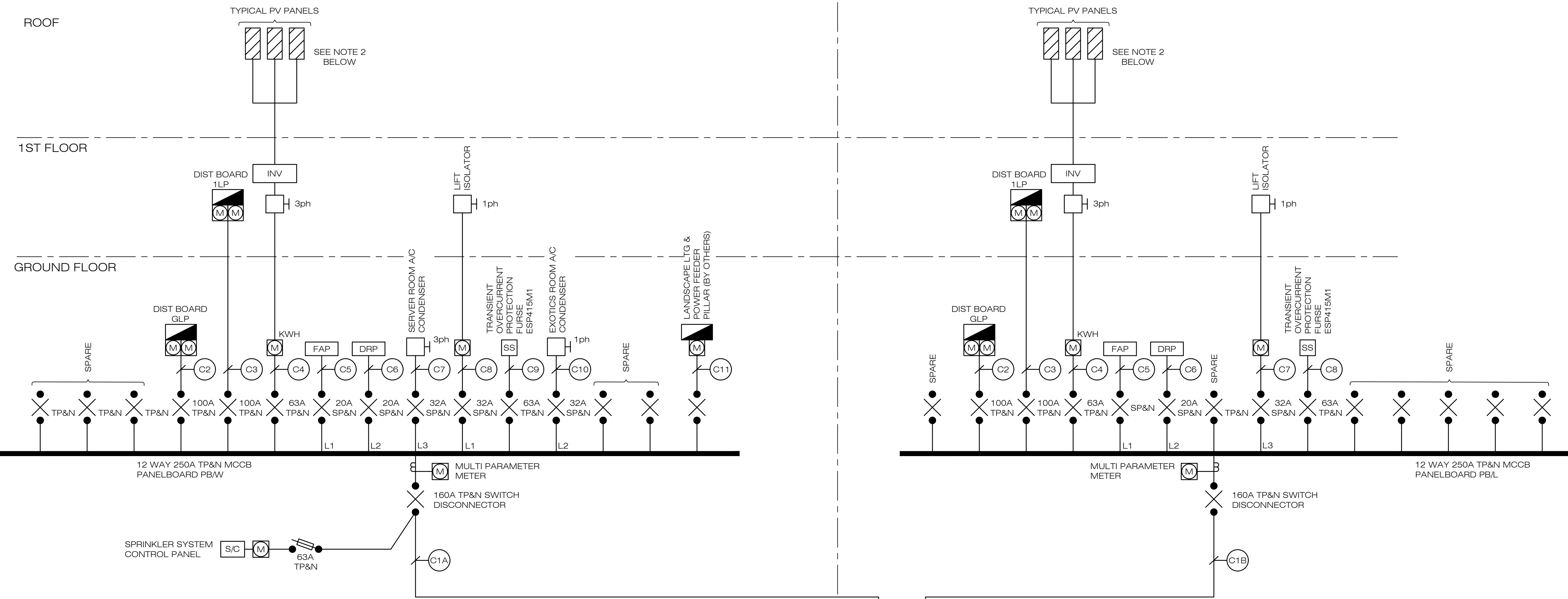
WELCOME BUILDING

LINEAR BUILDING

Project No: D6322	Drawing No: E.02	Revision no: A
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Title:
Proposed Site Electrical Schematic

- Notes:
- | No: | Detail: |
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| 1. | DIMENSIONS
Figured dimensions are to be taken in preference to scaled dimensions. All dimensions are to be verified on site prior to work commencing. |
| 2. | DISCREPANCIES
Any discrepancy is to be referred to the consultant before proceeding. |
| 3. | COPYRIGHT © 2023
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| 4. | RELATED DOCUMENTS
This drawing shall be read in conjunction with the relevant written Specification of Works, accompanying drawings equipment schedules and all other relevant documents connected to those works shown on this drawing. |



LEGEND

- SS FUSE ESP415 TRANSIENT PROTECTION DEVICE
- (M/M) SPLIT METERED LIGHTING & POWER DISTRIBUTION BOARD
- ISOLATOR - 1ph or 3ph
- ⊗ MOULDED CASE CIRCUIT BREAKER
- (C1) SUBMAIN CABLE IDENTITY REFERENCE
- ⊗ FUSED SWITCH

- NOTES**
- ELECTRICAL CONTRACTOR SHALL SUPPLY & INSTALL A 50mmx6mm COPPER EARTH BAR WITH SPLIT LINK FOR EACH MAIN PANELBOARD & BOND WATER MAIN, SPRINKLER MAIN, STEEL WORK, & LIGHTING PROTECTION SYSTEM. MAIN EARTHING CONDUCTOR SHALL BE PROVIDED FROM THE MAIN PANELBOARDS TO THE MAIN EARTH BAR.
 - ELECTRICAL CONTRACTOR SHALL SUPPLY & INSTALL A PV DC ISOLATOR WITHIN GROUND FLOOR RECEPTION FOR EMERGENCY POWER ISOLATION UNDER FIRE CONDITION.

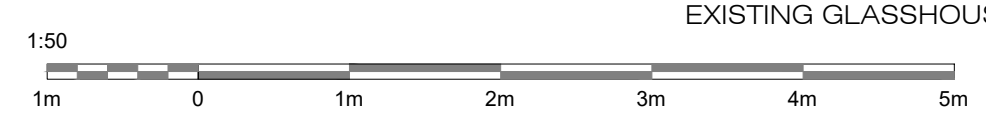
EXISTING DB4/PANELBOARD WITHIN GLASSHOUSE REMOVED AND REPLACED WITH A NEW DB4/PANELBOARD, AS ABOVE, LOCATED IN A DEDICATED WEATHERPROOF ENCLOSURE LOCATED NORTH OF THE EXISTING COMMON ROOM.
SERVING CLASSROOMS
M6 / M7 - VETS ROOM
M8
M9 / M10
M13
COMMON ROOM
EXISTING GLASSHOUSE

NOTE: DB3 DISTRIBUTION BOARD LOCATION TO BE CONFIRMED
REFER TO DB4 DIST BOARD SCHEDULE FOR FINAL CIRCUIT DETAILS

ELECTRICAL CONTRACTOR TO REPLACE EXISTING 250A TP&N MCCB WITH 400A TP&N MCCB, SET AT 300A

EXISTING 400A TP&N MCCB PANELBOARD WITHIN GRP ENCLOSURE ON SITE BOUNDARY

UKPN TO REMOVE EXTG 200A RATED SUPPLY CABLE & REPLACE WITH 300A RATED CABLE SUITABLE FOR 190KVA



TENDER ISSUE (DRAFT)

-	8th Dec 2023	TENDER ISSUE (DRAFT)
-	8th Sept 2023	PRELIMINARY ISSUE
No:	Date:	Amendment:
Revision:		

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Scale: NTS@A1	Date: Sept 2023	Drawn: PM	Chkd: MJA
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Client:
Capel Manor College c/o ACS

Project:
Linear & Welcome Buildings
Capel Manor College,
Mottingham Lane, London, SE12 9AW

Title:
Proposed Site Electrical Schematic

Project No: D6322	Drawing No: E.02	Revision No: A
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