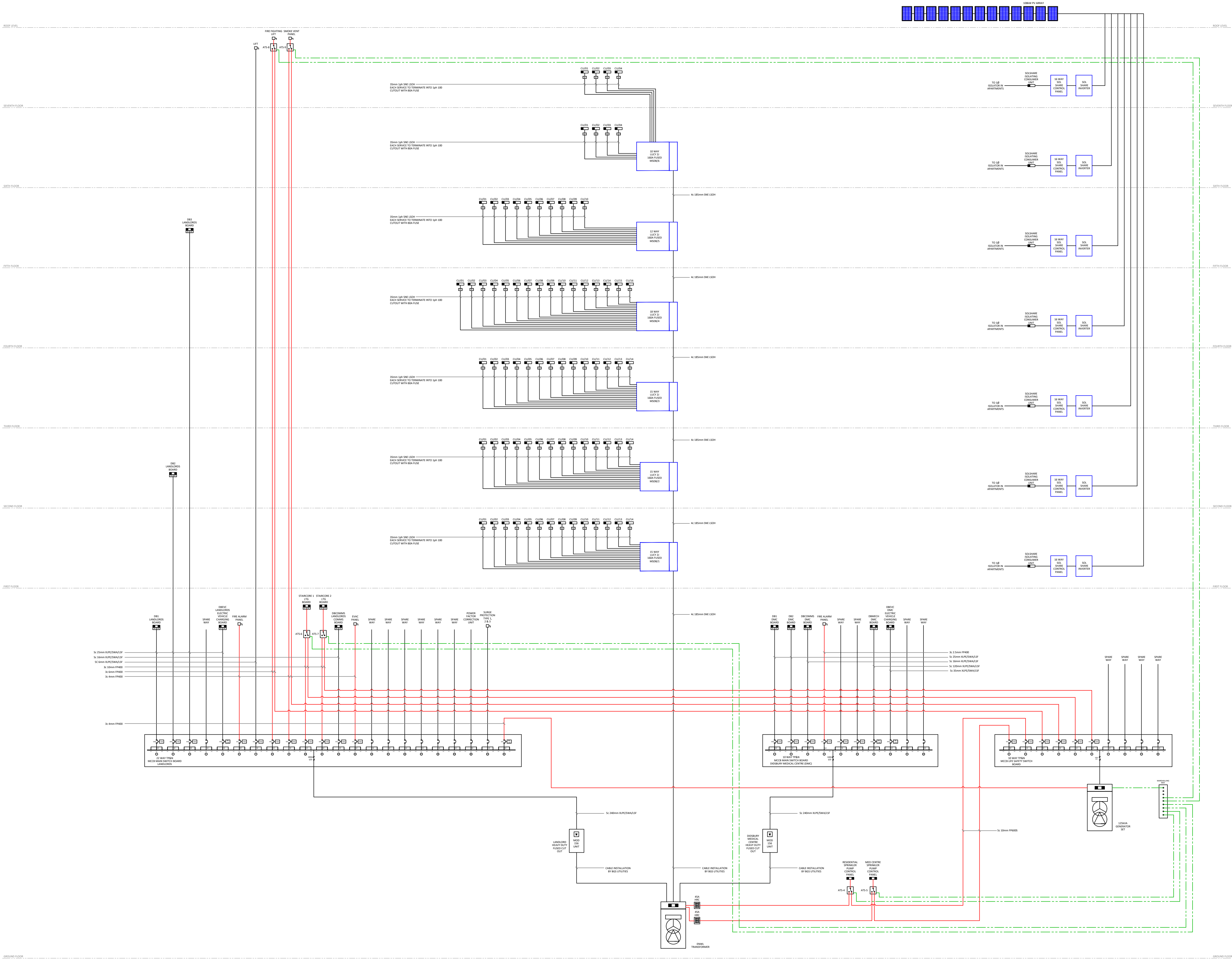




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Any drawing issued as "Construction Issue" is done so to confirm the basis on which the contractor shall provide their own working drawings.

All dimensions are in mm unless stated otherwise.

The information on this drawing shall be read in conjunction with any relevant associated specifications.

- ### NOTES
- 1.0 THE FINAL LOCATION OF THE DISTRIBUTION BOARDS SHALL BE POSITIONED TO ALLOW ACCESS FOR FUTURE MAINTENANCE.
 - 2.0 SURGE PROTECTION & AFDD TO BE INSTALLED TO ALL INCOMING/ OUTGOING EXTERNAL CIRCUITS.
 - 3.0 DISTRIBUTION BOARDS SHALL BE 18TH EDITION COMPLIANT.
 - 4.0 LIFE SAFETY SUPPLIES TO BE WIRED IN FP400 CABLE.
 - 5.0 ROOF MOUNTED EQUIPMENT TO BE HOUSED IN SUITABLY RATED IP ENCLOSURES.
 - 6.0 REFER TO AMTECH CABLE SCHEDULES FOR DETAILS ON FINAL CIRCUITS.
 - 7.0 PV ARRAY TO UTILISE NORMALLY CLOSED CONTACTOR ARRANGEMENT ADJACENT TO MAIN SWITCHBOARD TO ISOLATE PV ARRAY WHEN BACK UP POWER SUPPLY IS IN OPERATION.
 - 8.0 REFER TO SOLSHARE DATASHEETS FOR DETAILS ON SOLSHARE EQUIPMENT AND DATASHEETS.

- ### LEGEND
- 400V TP&N SPLIT METERED DISTRIBUTION BOARD.
 - MID APPROVED PULSED OUTPUT HALF HOURLY DATA ELECTRICITY METER.
 - IP RATED ROTARY ISOLATOR SIZED IN LINE WITH PROTECTIVE DEVICE.
 - MOULDED CASE CIRCUIT BREAKER
*DENOTES PROTECTIVE DEVICE RATING
 - AIR CIRCUIT BREAKER
*DENOTES PROTECTIVE DEVICE RATING
 - MICROLOGIG TRIP UNIT
*.*E DENOTES TRIP TYPE
 - THERMAL MAGNETIC TRIP UNIT
 - NORMALLY CLOSED CONTACTOR FOR PV ARRAY ISOLATION WHEN SECONDARY SUPPLY IS IN OPERATION
 - 200KVar POWER FACTOR CORRECTION UNIT
 - XLPE/SWA/LSZH CABLING
 - FP600S CABLING
 - CONTROLS CABLING

C	CONTRACT ISSUE	J.H.	M.R.	06.06.25
REV	DESCRIPTION	DESN	CHKD	DATE
 PRANA BUILDING SERVICES CONSULTANCY				
CLIENT  Bridgestone				
PROJECT DIDSBURY POINT MEDICAL CENTRE				
TITLE ELECTRICAL SERVICES LV SCHEMATIC				
SCALE NTS	ORIGINAL SIZE A1	DATE OCT 2024		
DRAWN J.H.	DESIGNED J.H.	CHECKED M.R.		
DRAWING NUMBER J23019-PRA-XX-E-6000				REVISION C