

GENERAL NOTES:

- DO NOT SCALE FROM THIS DRAWING.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE COMPLETE STAGE 4 DOCUMENTATION PROVIDED BY THE ARCHITECTURAL AND ENGINEERING DESIGN TEAMS.
- ALL DIMENSIONS AND LEVELS SHOULD BE CHECKED ON SITE PRIOR TO COMMENCING INSTALLATION, MANUFACTURE OR FIXINGS.
- AGREE ALL EQUIPMENT SETTING OUT WITH THE ARCHITECT PRIOR TO CONSTRUCTION.

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This drawing shall be read in conjunction with the CWC Mechanical and / or Electrical Specification(s).
DO NOT SCALE FROM THIS DRAWING

DESIGNERS RISK ASSESSMENT

REFER TO APPENDIX 1 OF M&E SPECIFICATION FOR DESIGNERS RISK ASSESSMENT SCHEDULE

DRAWING BACKGROUND(S):

- THIS DRAWING HAS BEEN DEVELOPED TO RIBA STAGE 4 IN ACCORDANCE WITH BSRIA BG 6 (2018) DEVELOPED DESIGN DRAWING DEFINITIONS.
- THE DRAWING DOES NOT INDICATE THE PRECISE POSITION OF SERVICES AND SHOWS THE INTENDED LOCATIONS OF BUILDING SERVICES ITEMS AND SERVICE ROUTES IN SUCH DETAIL AS TO LOCATE THE DESIGN. THE DRAWING DOES NOT SHOW ALL COMPONENTS THAT MAY BE NECESSARY TO LOCATE SERVICES IN A FULLY COORDINATED MANNER.
- THE ATTACHED DRAWING TO BE READ FULLY IN CONJUNCTION WITH CWC MEP SPECIFICATION, EQUIPMENT SCHEDULES AND RIBA STAGE 4 DEVELOPED DESIGN DRAWINGS, AS WELL AS OTHER DESIGN TEAM INFORMATION INCLUDING (BUT NOT LIMITED TO) ARCHITECTURE, STRUCTURE AND FIRE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FULL COORDINATION OF THE INSTALLATION AND SHALL ACCOUNT FOR ALL OTHER WORKS AND TRADES DURING AND BEFORE THEIR INCORPORATION INTO THE WORKS.
- COORDINATION WORKING DRAWINGS, INSTALLATION DRAWINGS AND BUILDERS WORK DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR.
- CWC IS NOT RESPONSIBLE FOR THE DESIGN AND COORDINATION OF ACCESS PLATFORMS, ACCESS COVERS, GRATINGS, LADDERS, STAIRS, RAILS AND PROTECTING ELEMENTS REQUIRED FOR FUTURE ACCESS, MAINTENANCE AND OPERATION OF THE WORKS.
- ALL DEVICE/EQUIPMENT SIZING SHALL BE DEEMED INDICATIVE AND FOR ASSISTANCE ONLY. FINAL SIZING TO SUIT THE DESIGN DEVELOPMENT AND FINALLY SELECTED EQUIPMENT.
- ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND THEIR RECOMMENDATIONS SHALL BE ADHERED TO. 10. THE COMPLETE INSTALLATION SHALL BE UNDERTAKEN IN ACCORDANCE WITH BS 7671 & BS 7430.
- THE CONTAINMENT ROUTES INDICATED ON THIS DRAWING ARE INDICATIVE. THE MEP CONTRACTOR SHALL CLOSELY LIAISE WITH MECHANICAL SERVICES AND OTHER SPECIALIST SERVICES TO FULLY COORDINATE CONTAINMENT ROUTES AND PROVIDE ANY ADDITIONAL BENDS / ACCESSORIES / CONTAINMENT AS REQUIRED.
- MEP CONTRACTOR TO DEVELOP UNISTRUT SUPPORTS HUNG FROM STRUCTURAL STEELS AND SOFFIT. ALL SUPPORT BRACKETS, FRAMES, HANGING RODS, FASTENINGS AND FIXINGS TO THE BUILDING FABRIC SHALL BE PROVIDED, ASSEMBLED AND MOUNTED BY THE CONTRACTOR.
- MINIMUM SEPARATION DISTANCE BETWEEN MAINS AND SIGNAL CABLES SHALL BE 150mm.

P1	14.10.24	PRELIMINARY ISSUE	JS	GR
Rev	Date	Description	Eng	CHK



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Client



Project
EQUANS MCC LONGSIGHT LIBRARY

Drawing Title
PROPOSED SOLAR PV LAYOUT

Status
STAGE 4 ISSUE

Project No. 3389	Drawn BW	Scale / Paper Size 1:100 @ A1
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Drawing No. 3389-CWC-XX-ZZ-DR-E-6100	Rev P1
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PROPOSED LOCATION FOR SOLAR PV INVERTER/S LOCATED IN ROOF SPACE NEAR EXISTING MECHANICAL DISTRIBUTION BOARD. THE INTENDED CABLE ROUTE FOLLOWS THE CABLE SUPPLYING THE EXISTING MECHANICAL DISTRIBUTION BOARD AND SHALL TERMINATE IN THE GROUND FLOOR ELECTRICAL SWITCHROOM.

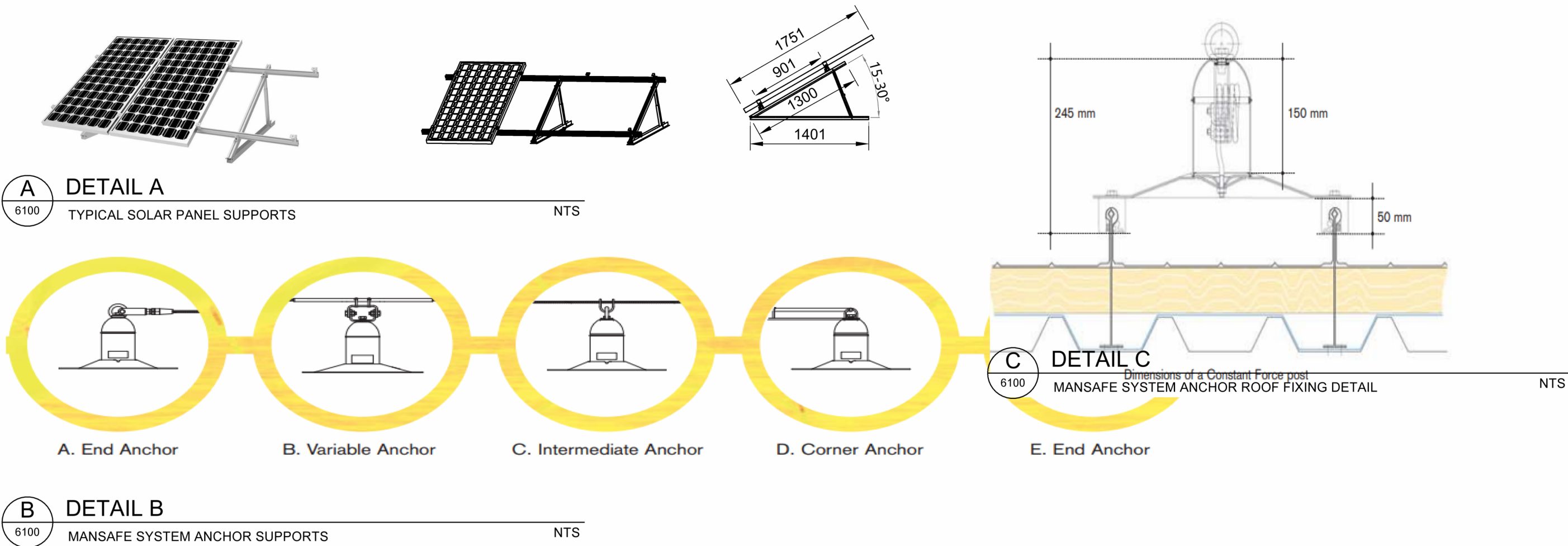
EXISTING MECHANICAL DISTRIBUTION BOARD

PV INSTALLATION TO PROVIDE MINIMUM ANNUAL ENERGY YIELD OF 22562.29kWh. (Est. 27.6 kWp). SOLAR PANELS FIXED TO METAL ROOFING USING PROPRIETARY FRAME AND FIXINGS. (58No. Panels as indicated 26.1kWp @450W/panel)

POTENTIAL TO INSTALL 29No. ADDITIONAL PV PANELS E/O TO DECARBONISAITON PLAN TO PROVIDE ADDITIONAL 13.05 kWp. (TO BE AGREED WITH CLIENT)

POTENTIAL TO INSTALL 4No. ADDITIONAL PV PANELS E/O TO DECARBONISAITON PLAN TO PROVIDE ADDITIONAL 1.8 kWp. (TO BE AGREED WITH CLIENT)

PV INSTALLATION TO PROVIDE MINIMUM ANNUAL ENERGY YIELD OF 13169.51kWh. (Est. 16.11 kWp). SOLAR PANELS FIXED TO METAL ROOFING USING PROPRIETARY FRAME AND FIXINGS. (38No. Panels as indicated 17.1kWp @450W/panel)



ELEVATION A-A
6100 TYPICAL SOLAR PANEL ELEVATION 1:100