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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

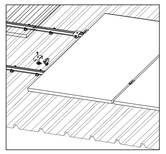
DRAWING BACKGROUND(S):

GENERAL NOTES:

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

SPECIFIC NOTES:

1. THIS DRAWING HAS BEEN DEVELOPED TO RIBA STAGE 4 IN ACCORDANCE WITH BSRIA BG 6 (2018) DEVELOPED DESIGN DRAWING DEFINITIONS.
2. 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 INDICATE THE DESIGN. THE DRAWING DOES NOT SHOW ALL COMPONENTS THAT MAY BE NECESSARY TO LOCATE SERVICES IN A FULLY COORDINATED MANNER.
3. 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.
4. 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.
5. COORDINATION WORKING DRAWINGS, INSTALLATION DRAWINGS AND BUILDERS WORK DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR.
6. 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.
7. ALL DEVICE/EQUIPMENT SIZING SHALL BE DEEMED INDICATIVE AND FOR ASSISTANCE ONLY. FINAL SIZING TO SUIT THE DESIGN DEVELOPMENT AND FINALLY SELECTED EQUIPMENT.
8. 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.
9. 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.
10. 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 SHALLBE PROVIDED, ASSEMBLED AND MOUNTED BY THE CONTRACTOR.
11. MINIMUM SEPARATION DISTANCE BETWEEN MAINS AND SIGNAL CABLES SHALL BE 150mm.



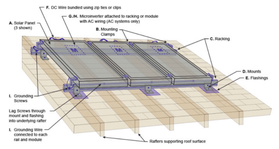
TYPICAL SOLAR PV FIXING TO PITCHED STEEL ROOF

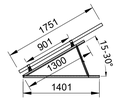


TYPICAL BIGFOOT CABLE TRAY SUPPORTS FOR PITCHED ROOF









A 6100 DETAIL A
TYPICAL SOLAR PANEL SUPPORTS NTS



B 6100 DETAIL B
TYPICAL ROOF CABLE PENERATION DETAIL NTS

LEGEND

SYMBOL	DESCRIPTION
	MANUFACTURER: EATON ELECTRIC DESCRIPTION: TPN 400A 8 WAY SWITCHBOARD PART CODE: EM4PB840
	EXISTING EATON ELECTRIC TPN DISTRIBUTION BOARD
	DNO METERING
100A 3P	EXISTING 100A TPN ISOLATING SWITCH
	PHOTOVOLATIC INVERTER
	150mm HEAVY DUTY GALVANISED TRAY FOR PV CABLING
	150mm HEAVY DUTY GALVANISED TRAY FOR DC CABLING

Rev	Date	Description	Eng	Chk
T4	28.11.24	TENDER ISSUE	TN	JS
T3	17.12.24	UPDATED DUE TO COMMENTS	TN	JS
T2	12.12.24	TENDER ISSUE	TN	JS
T1	28.11.24	TENDER ISSUE	TN	JS

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Client
EQUANS

Project
EQUANS MCC WOODVILLE SURE START CENTRE

Drawing Title
PROPOSED PHOTOVOLTAIC LAYOUT

Status
TENDER

Project No.	Drawn	Scale / Paper Size
3386	BW	1:75 @ A0

Drawing No. 3384-CWC-XX-EX-DR-E-6100 Rev T4