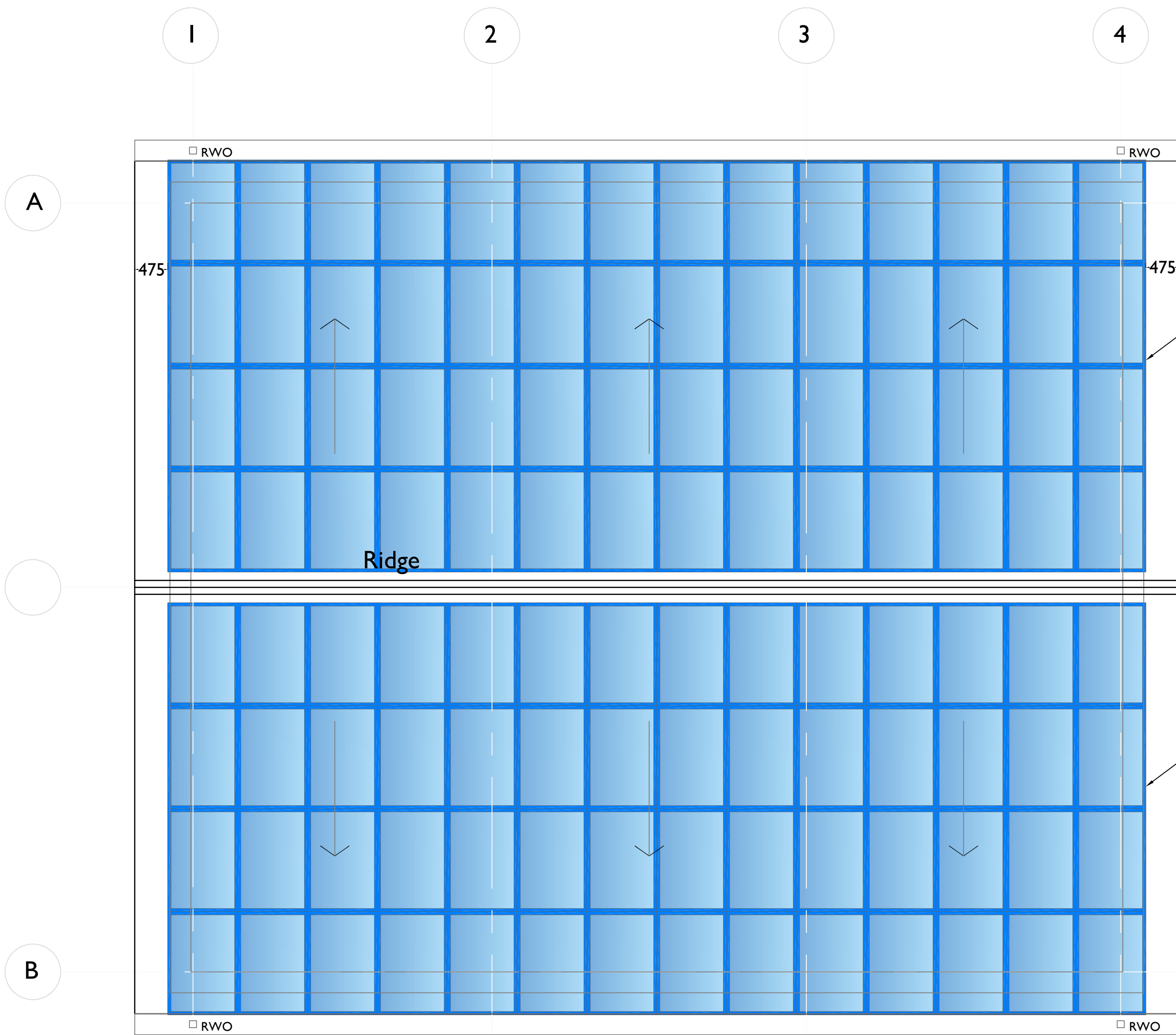




PROPOSED GRID OF No.56 GBS-310 SOLAR PANELS - TOTAL OF 120 PANELS ACROSS WHOLE OF ENERGY CENTRE ROOF. SEE ELEVATION No.3

PROPOSED GRID OF No.56 GBS-310 SOLAR PANELS - TOTAL OF 120 PANELS ACROSS WHOLE OF ENERGY CENTRE ROOF. SEE ELEVATION No.4

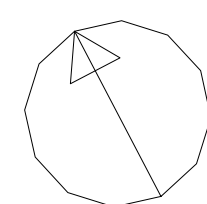
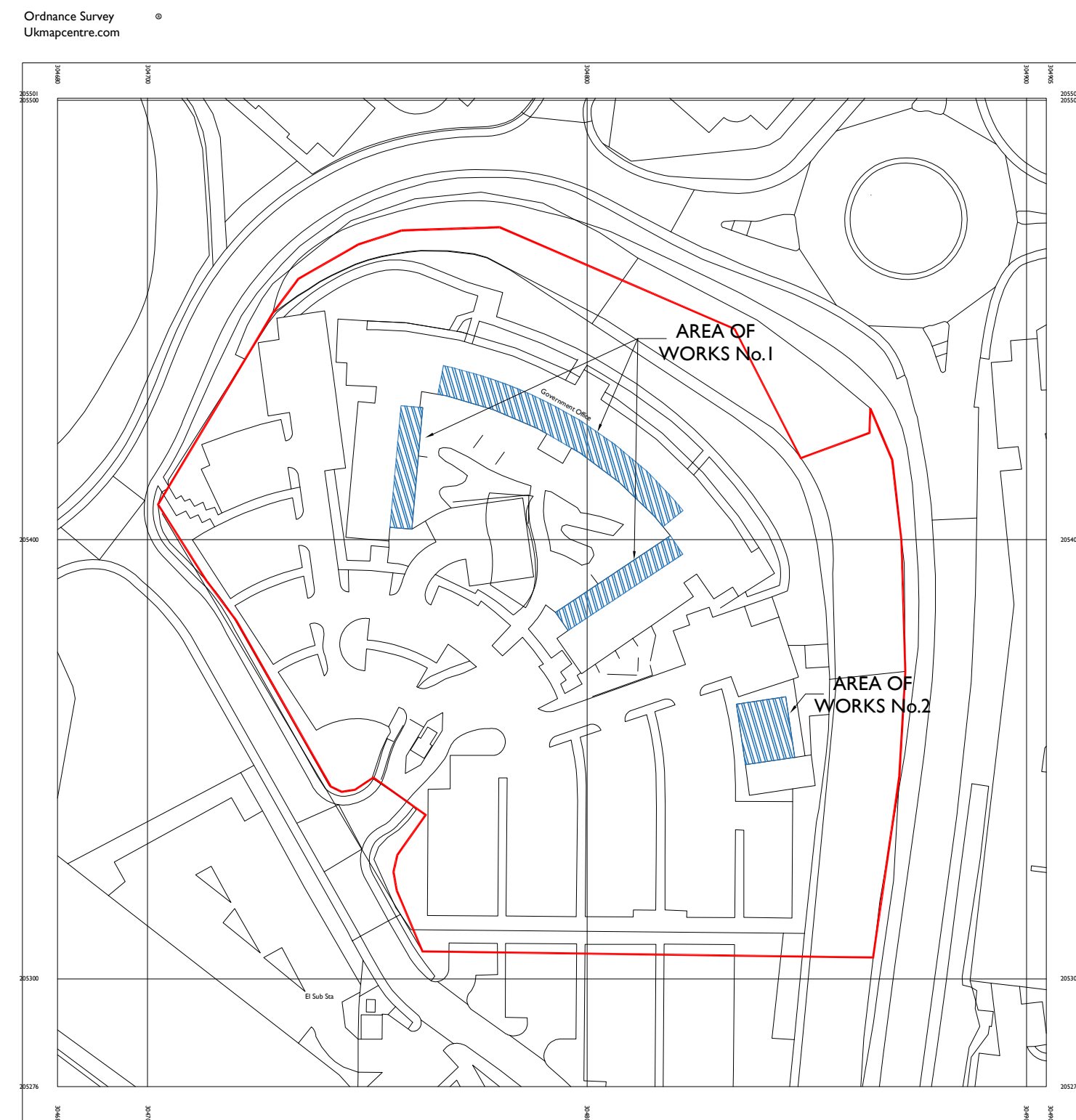


IMAGES OF PROPOSED OUTCOME

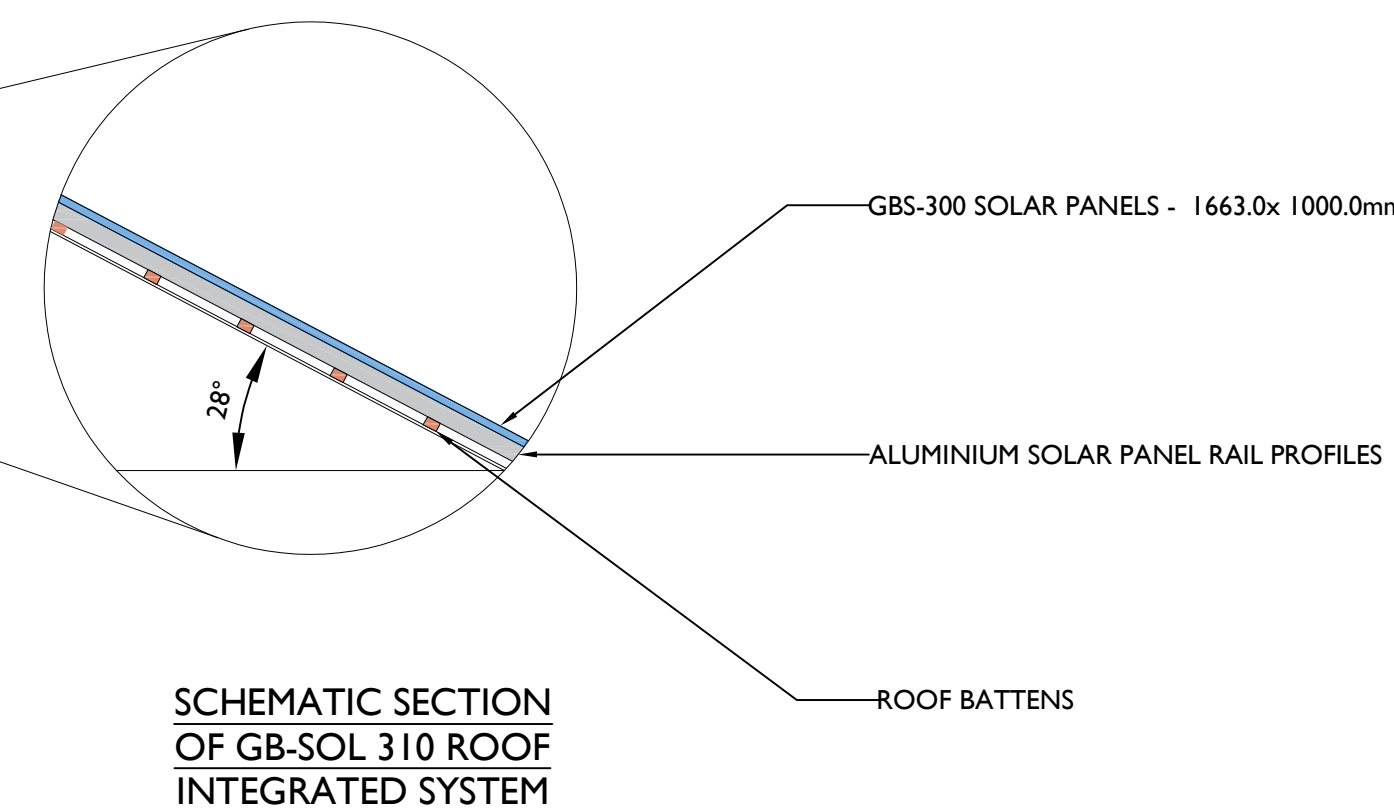
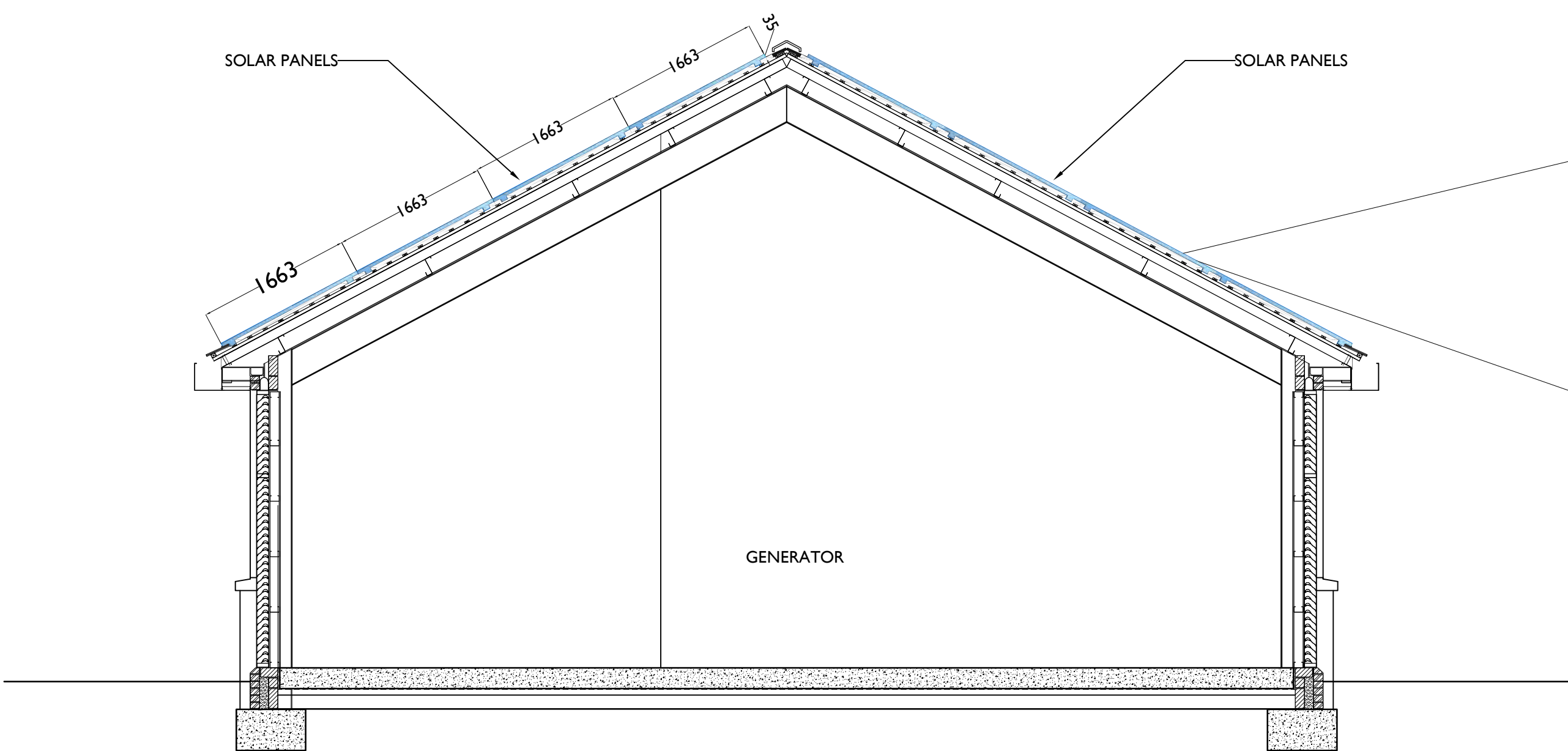


GB-SOL SYSTEM SPECIFICATION AND PERFORMANCE - INNER RECTANGULAR ROOFS
CONFIGURATION: 56x GBS-310 FRAMELESS SOLAR PANELS FOR EACH ROOF
INSTALLED SOLAR CAPACITY: 13.0kWp ON EACH ROOF = 26.0kWp IN TOTAL
INVERTERS: 1x Solis 25kW 3-PHASE WITH REMOTE MONITORING (NOT INCLUDED)
FORECAST YEAR 1 OUTPUT: 16,100 kWh/yr

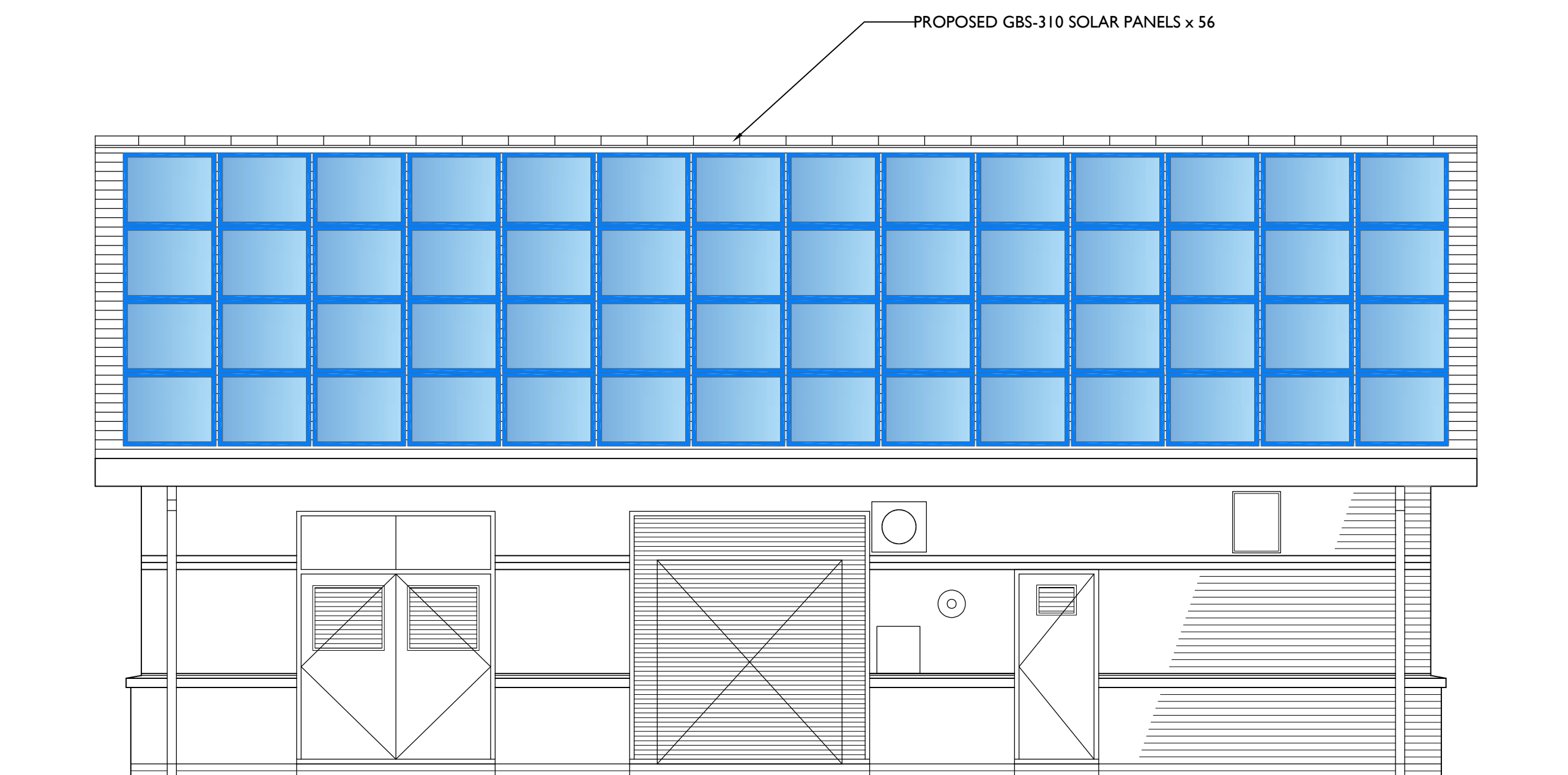
DO NOT SCALE. USE DIMENSIONS ONLY. ALL SETTING OUT MUST BE VERIFIED BY SURVEY AND DOCUMENTED IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS AS SOON AS POSSIBLE.



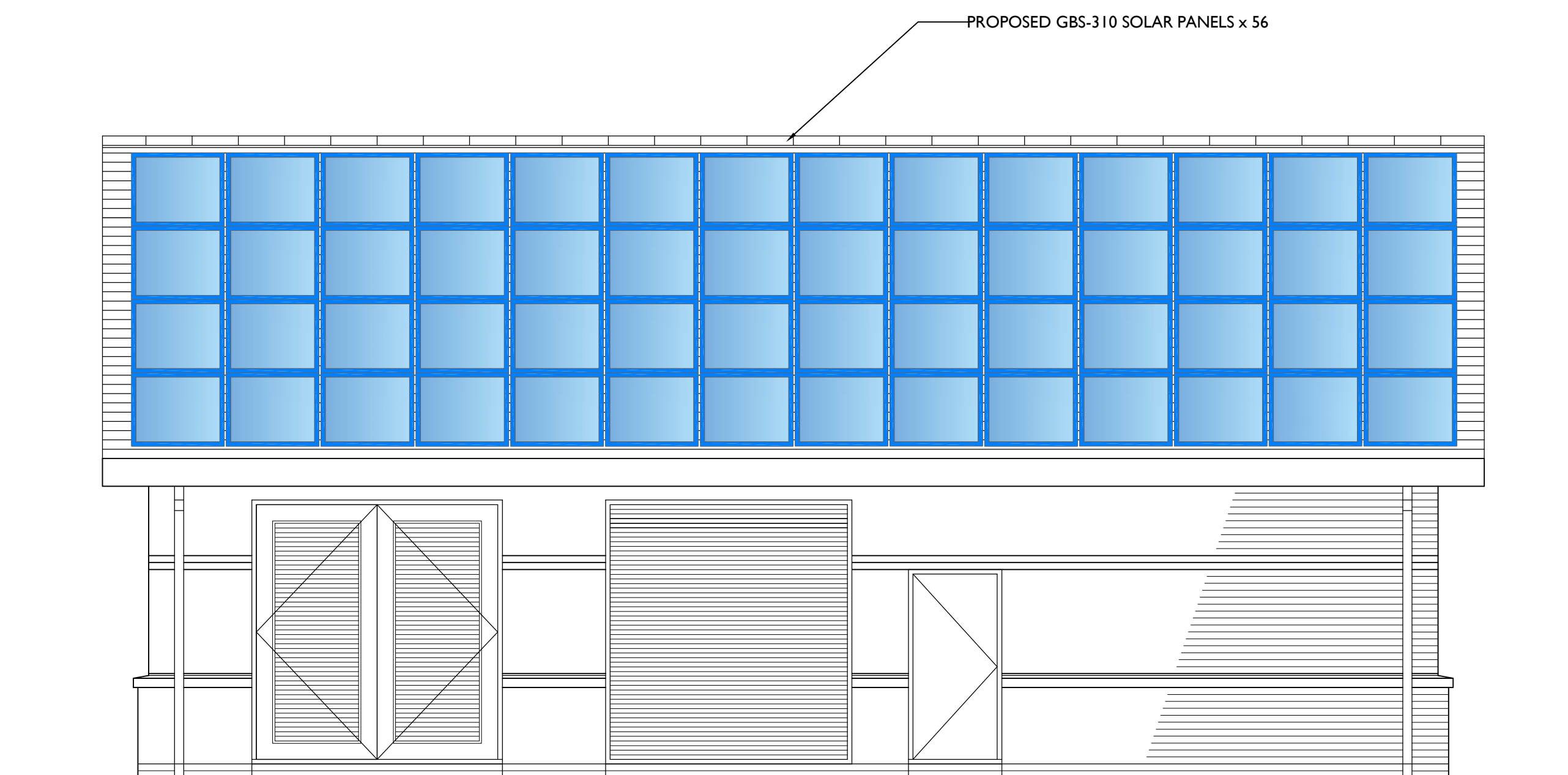
01 ROOF PLAN
1:50



02 PROPOSED ENERGY CENTRE SECTION
1:50

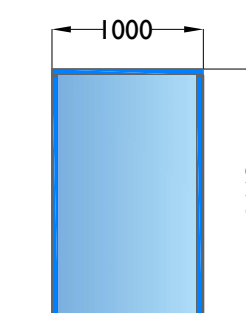


03 PROPOSED SOUTH VIEW
1:50



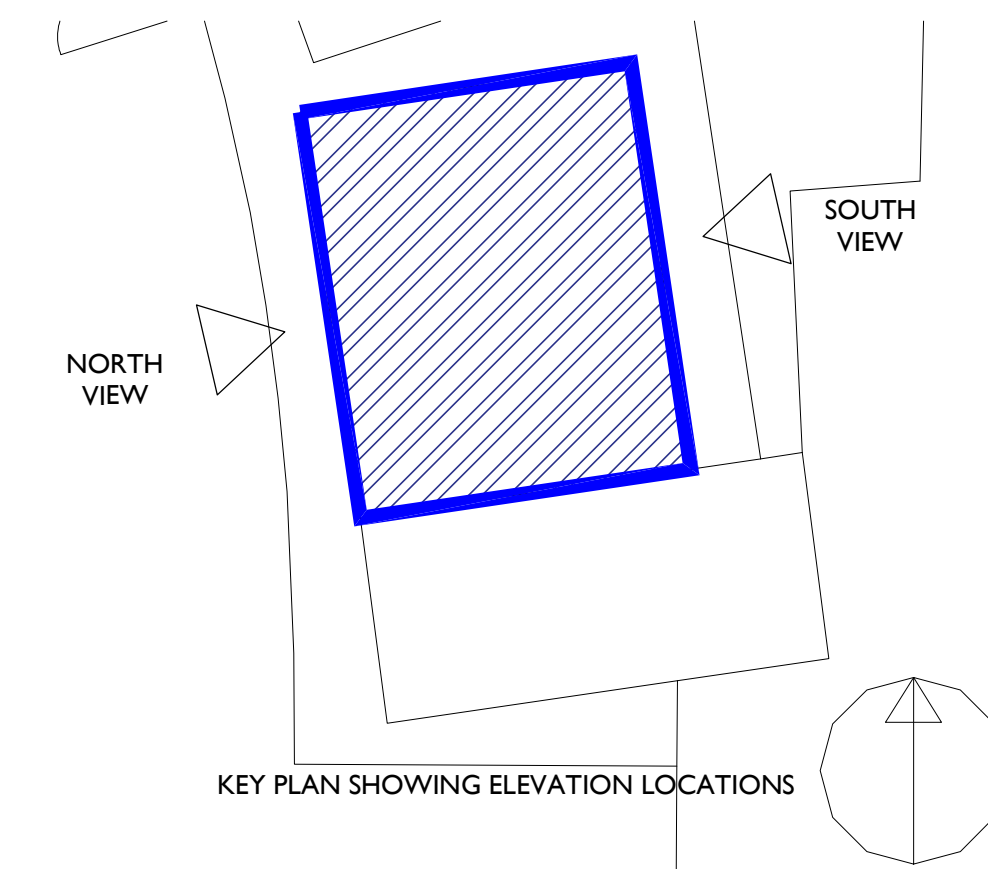
04 PROPOSED NORTH VIEW
1:50

GBS310 PANEL



NEW PV SOLAR PANEL - EXACT LOCATION AND DETAILS TO BE CONFIRMED BY PV SPECIALIST. PROPOSED TO HAVE No.112 PANELS LOCATED AS PER ROOF PLAN.

ENERGY CENTRE
THIS PROPOSAL IS FOR 24kWp ON THE ENERGY CENTRE, BY COVERING BOTH SIDES WITH GB-SOL EDGE-TO-EDGE INFINITY SOLAR ROOFS.
EACH ROOF CAN TAKE AN EDGE-TO-EDGE INFINITY SOLAR ROOF ARRAY OF 4 ROWS OF 14no 310W PANELS. ONE SLOPE FACES EAST AND THE OTHER FACES WEST. THE INSTALLED CAPACITY WOULD BE 13.0kWp PER SLOPE, AND THE FORECAST FIRST YEAR OUTPUTS ARE 8,050kWh PER ROOF AND 16,100kWh IN TOTAL.



DRAWING STATUS				
PLANNING				
Caron House, 3 Oak Tree Court, Mulberry Drive, Cardiff Gate Business Park, Cardiff, CF23 8RS. Tel: (029) 2073 6900 Fax: (029) 2073 9255 www.mitie.com				
CLIENT NAME				
WELSH GOVERNMENT				
PROJECT NAME				
SOLAR - PV INSTALLATION AT				
RHYD Y CAR, MERTHYR TYDFIL, CF481UZ				
DRAWING TITLE				
AREA OF WORKS 2				
PROPOSED ENERGY CENTRE LAYOUT&ELEVATIONS				
DRAWN BY	CHECKED BY	APPROVED BY	DATE	SCALE @ A0
CM	GQ/JH	KB	APR 2026	AS SHOWN
PROJECT No.		DRAWING No.		REV
WG1322		AL05		
M:PROJECTS				