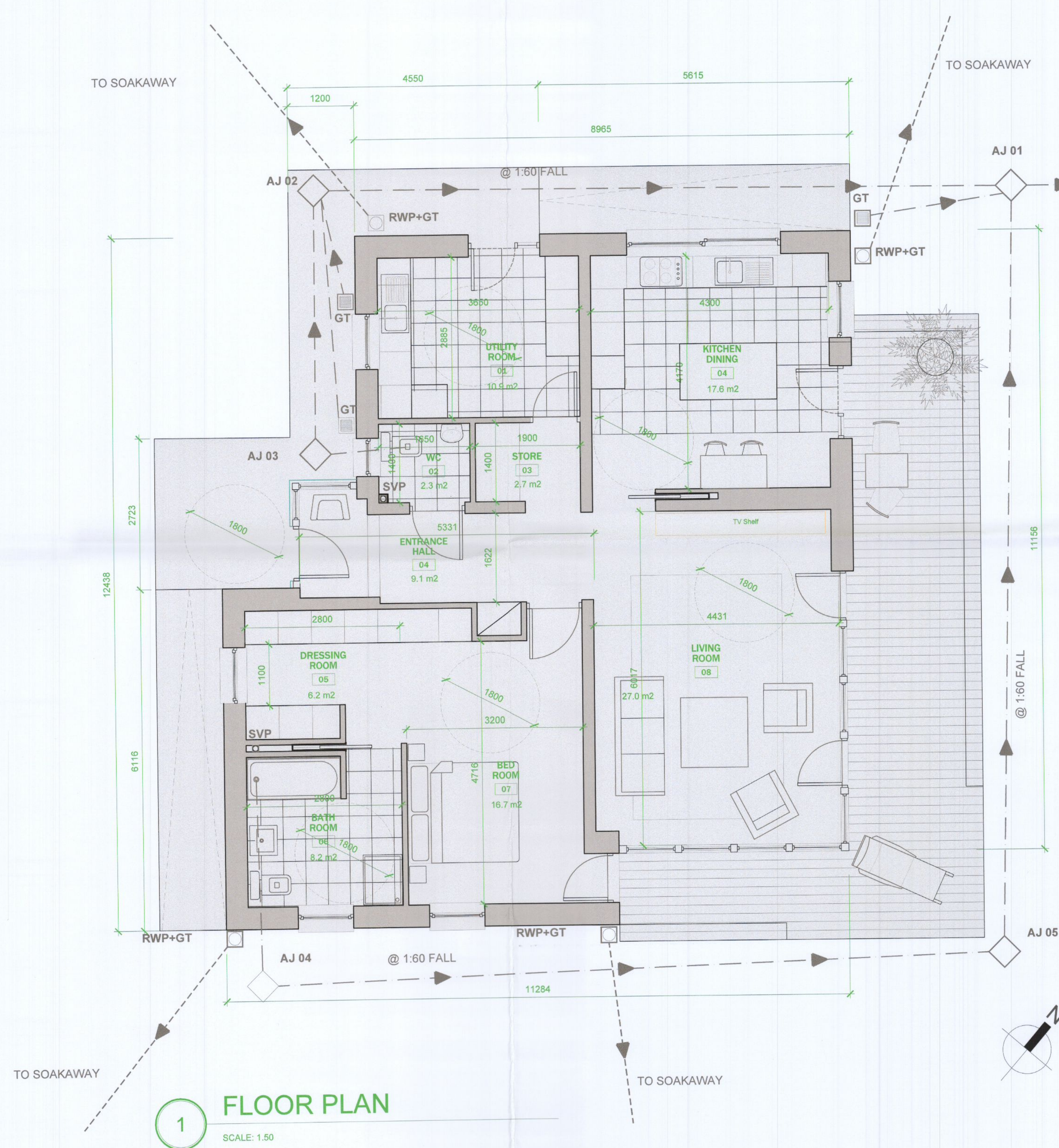
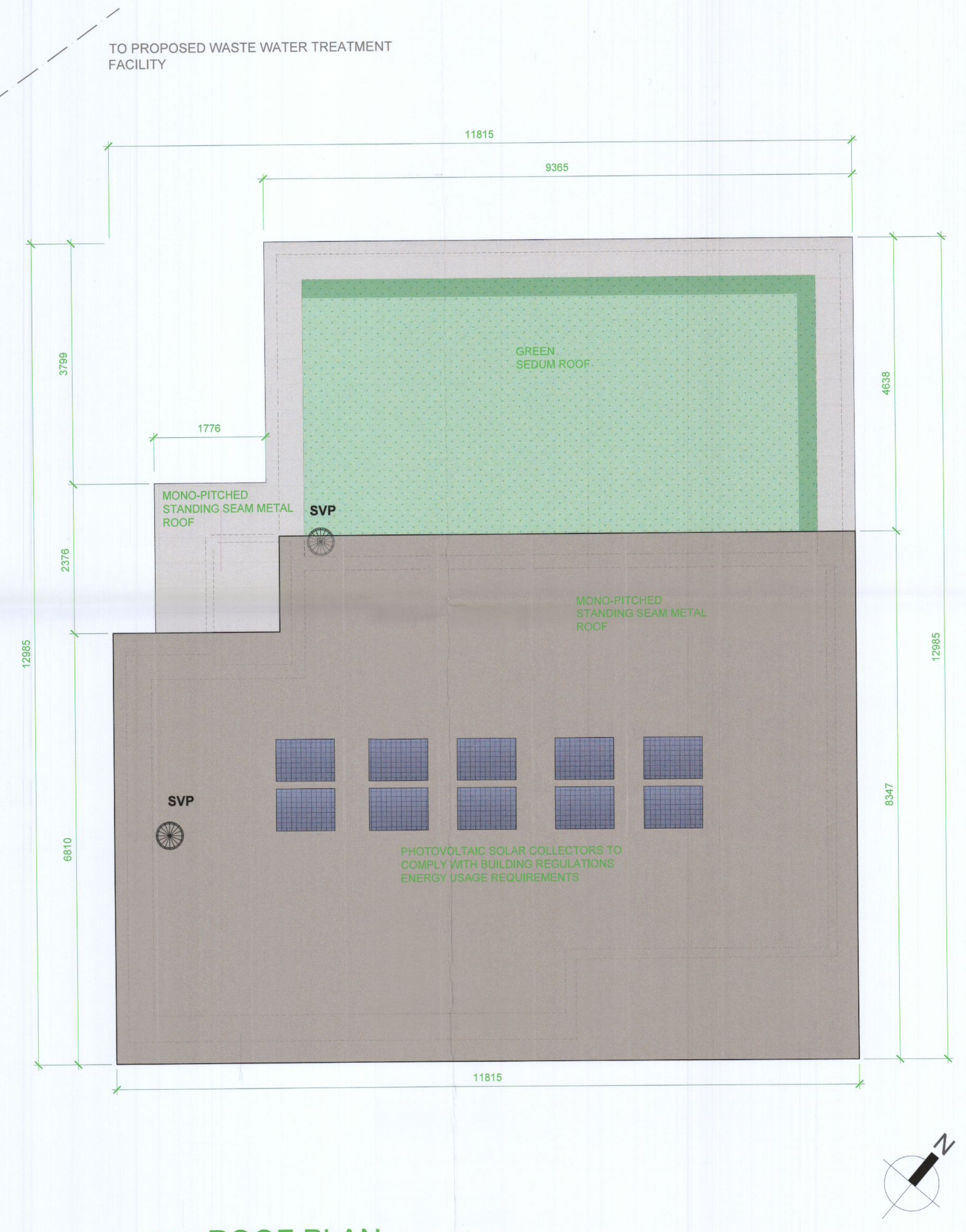


# SHELTERED DWELLING

FLOOR AREA: 107.79 m<sup>2</sup> = 1,160 Ft<sup>2</sup>



**1 FLOOR PLAN**  
SCALE: 1:50



**2 ROOF PLAN**  
SCALE: 1:50

**400.01 FOUNDATIONS:**  
R.C. concrete strip foundations to structural engineers design and specification. Rising walls to be 210mm solid concrete block walls up to DPC level and backfilled with well compacted hardcore.

**400.02 GROUND FLOOR CONSTRUCTION:**  
80mm porous brick finish to s/walls and filled with main contractor on 50mm rigid Kingspan TFF insulation on Monoflex RWS 400 Resistor barrier/DPM membrane sealed at all joints on Min. 100mm RC concrete slab on Min. 150mm compacted hardcore

**400.03 EXISTING WALLS TREATMENT:**  
Existing block outer leaf wall to be made good where required with Nap plaster finish to external face painted to select colour.

**400.04 NEW WALLS:**  
15mm skimmed gypsum plaster internally with stainless steel corner stops at corners. 50mm Kingspan 'Cooltherm' or similar approved insulation system fixed & installed with vapour barrier/separation membranes to manufacturers specifications & instructions fixed to 210mm solid block wall main structure with 50mm density filled with selected Kingspan 'Kooltherm' or similar approved insulation system fixed & installed to manufacturers specifications & instructions. 100mm solid block wall with Nap plaster finish to external face painted to select colour.

**400.05 FITCHED ROOF CONSTRUCTION:**  
Roofing slates to match existing. Tiles to be reused and interspersed with new tiles where possible to extension roof on 25x50 treated battens @ centres to match existing but not less than 100mm o/d profile overalls on sarking felt locally laid between rafters. Min. 150 roof insulation laid between rafters. Timber roof to be vented at eaves with approved proprietary system. Lead/Aluminium flashing to be used throughout on all upstands & valleys.

**400.06 FLAT ROOF CONSTRUCTION:**  
Solar reflective flat roof membrane carried up surrounding upstands to min. 150mm with lead/aluminium flashing on separating felt membrane on 25mm marine ply sheathing deck on treated framing joists sloped at fall no less than 1:80 to low level trough falling to proprietary roof outlets.

**400.07 METAL SHEET ARCHITECTURAL FEATURE:**  
Select grey coloured metal sheeting with standing seam joints @ 500mm c/c on separating membrane on 25mm marine plywood on treated high grade softwood boxing. Plinth below sheathing to be 200mm nap plaster to select colour.

**400.08 CELLS:**  
Low level cells to extension to be pressed metal sheet cells to match colour of skinned windows.

**400.09 WINDOWS:**  
New windows to be selected Alurad double glazed windows as per schedule, colour of frames to be match existing.  
Rooflight to be Valux or similar approved central pivoting double glazed and remotely operated.

**400.10 GUTTERS/DOWNPIPES:**  
New gutters and downpipes to be select cast aluminium profiled system painted to select colour.

Revision	DATE-HERE
D	DATE-HERE
F	DATE-HERE
E	DATE-HERE
D	DATE-HERE
C	DATE-HERE
B	DATE-HERE
A	DATE-HERE

**Note:**  
Do not scale off drawing. Use figured dimensions only. Any perceived discrepancies in this drawing to be reported to Portal Architects. If in doubt about anything on this document, please ask.

Scale	1:50@A1/1:100@A3
Date	SEPTEMBER_2022
Drawn by	PC
Checked by	JN
Dwg. No.	2214-03-05
Rev.	-

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Design - Planning  
Project Management

Project	FORGE-FIELD SHELTERED DWELLING
Drawing Title	PROPOSED Floor Plan & Roof Plan
Client	Roslina and Frank Norton