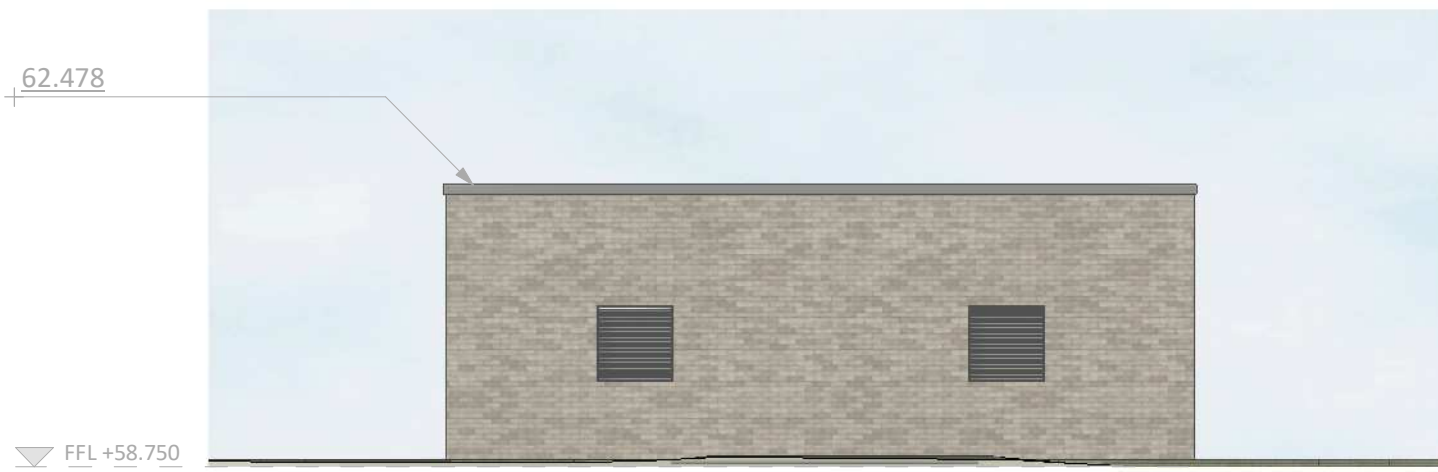
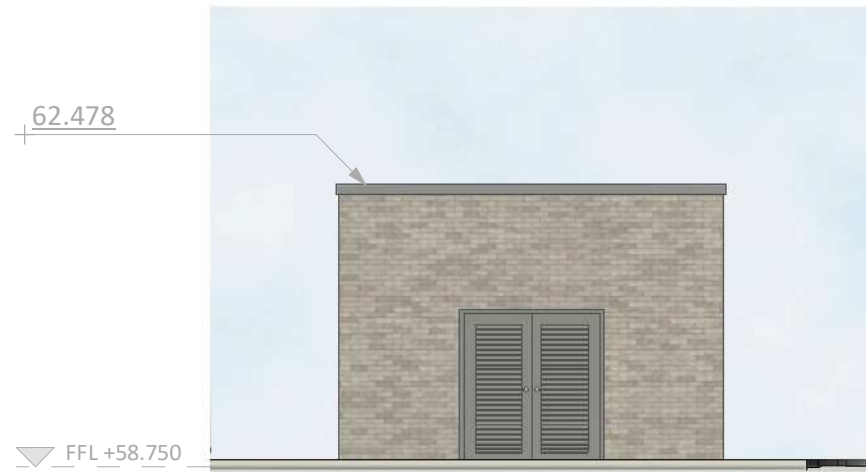


General Supplementary Notes:

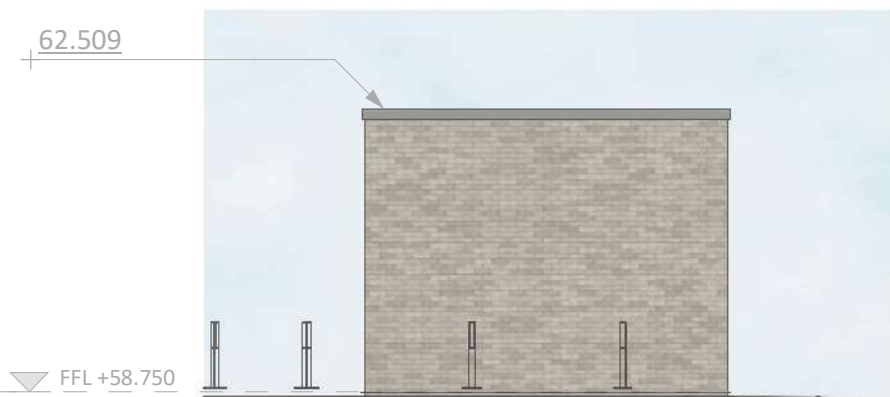
- Refer to the M&E consultant's design for further gas store setting out and services design.
- Refer to the Structural Engineer's design for structural details and below-ground foundation setting out
- Information to be read in conjunction with relevant consultant designs and specifications for further details
- Refer to Landscape and Civil Engineers design for the location of the external MEP compounds



Substation - North Elevation
1 : 100



Substation - East Elevation
1 : 100



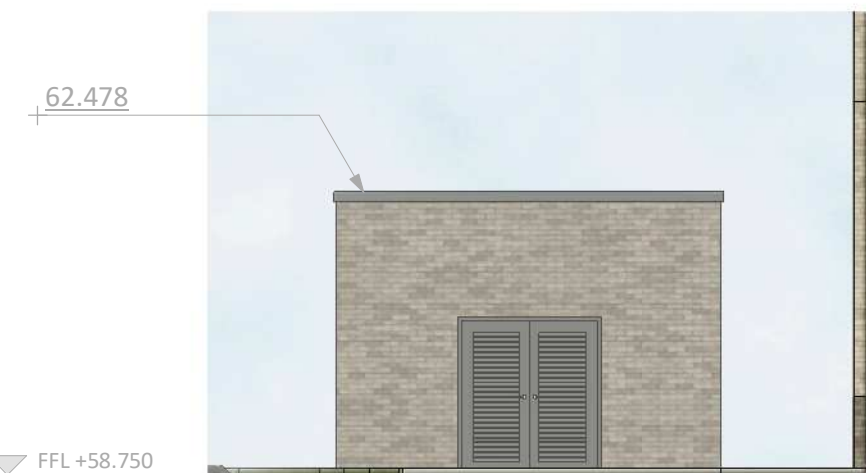
HV Switchroom - West Elevation
1 : 100



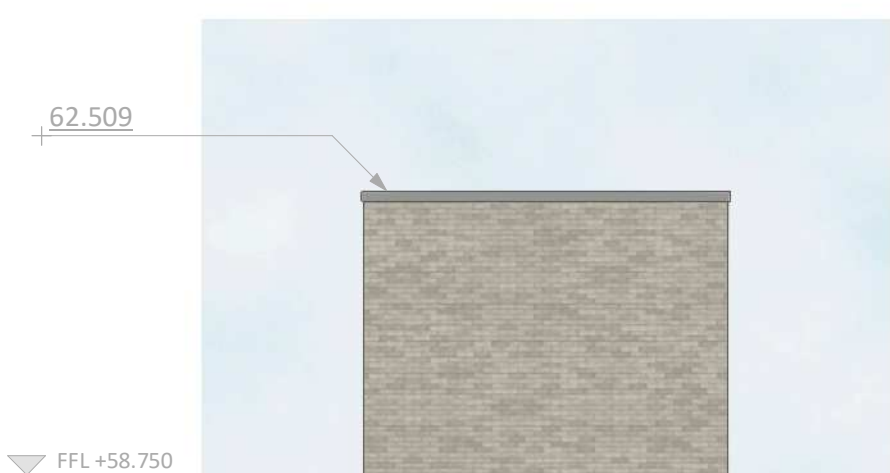
HV Switchroom - North Elevation
1 : 100



Substation - South Elevation
1 : 100



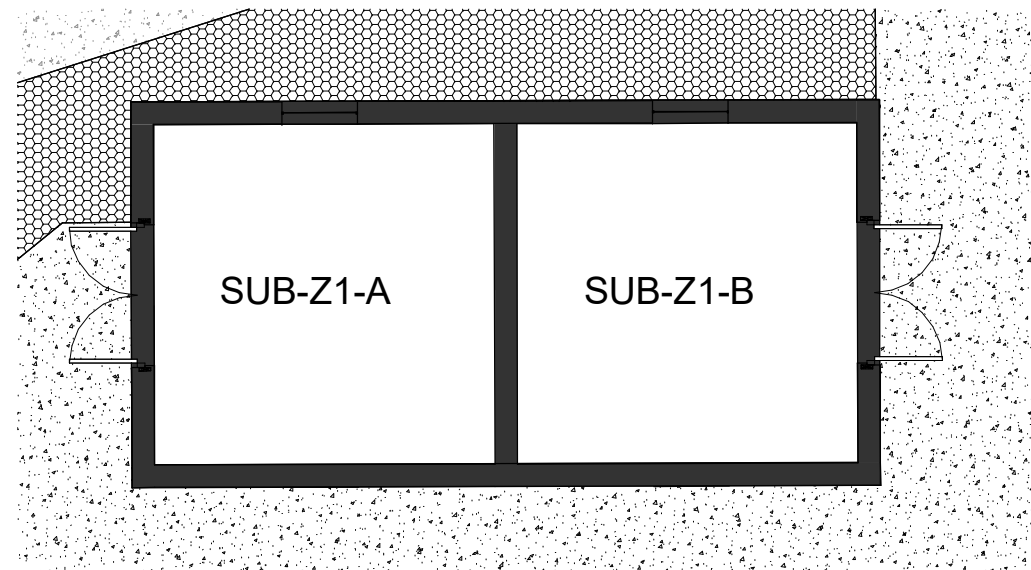
Substation - West Elevation
1 : 100



HV Switchroom - East Elevation
1 : 100



HV Switchroom - South Elevation
1 : 100



Substation Plan
1 : 100

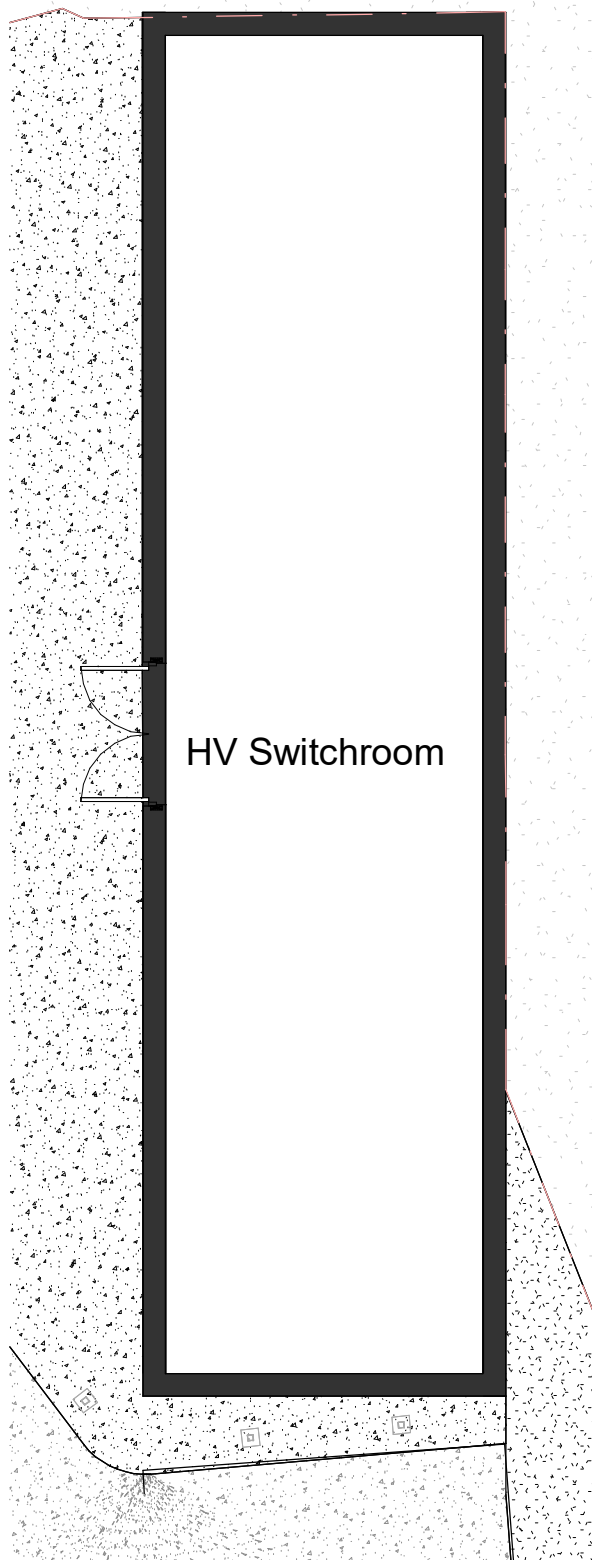
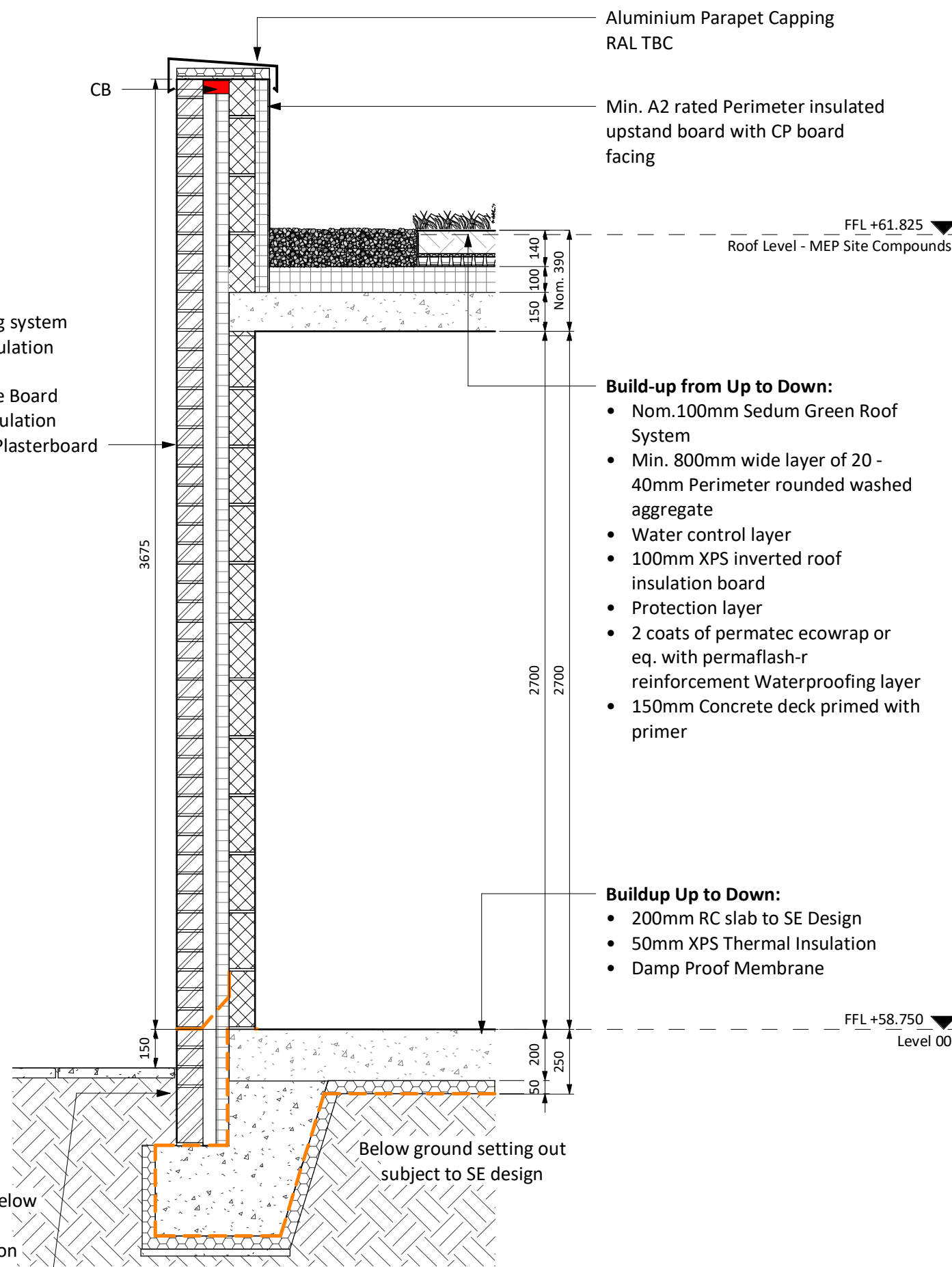
- Buildup outside to In:**
- Brickslips on carrier railing system
 - 100mm Mineral Wool Insulation
 - Breather Membrane
 - 12.5mm Weather Defence Board
 - 100mm SFS with fullfil insulation
 - 2 No. 12.5mm Fire rated Plasterboard

- Build-up from Up to Down:**
- Nom.100mm Sedum Green Roof System
 - Min. 800mm wide layer of 20 - 40mm Perimeter rounded washed aggregate
 - Water control layer
 - 100mm XPS inverted roof insulation board
 - Protection layer
 - 2 coats of permatec ecowrap or eq. with permaflash-r reinforcement Waterproofing layer
 - 150mm Concrete deck primed with primer

- Buildup Up to Down:**
- 200mm RC slab to SE Design
 - 50mm XPS Thermal Insulation
 - Damp Proof Membrane

- Buildup outside to In:**
- 102.5mm Below DPC Engineering Brickwork
 - DPC cavity tray
 - 100mm Blockwork Wall below site level
 - 50mm Closed cell insulation suitable for below DPC level

Strip Section - 01
1 : 20



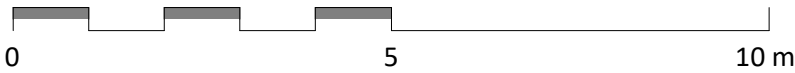
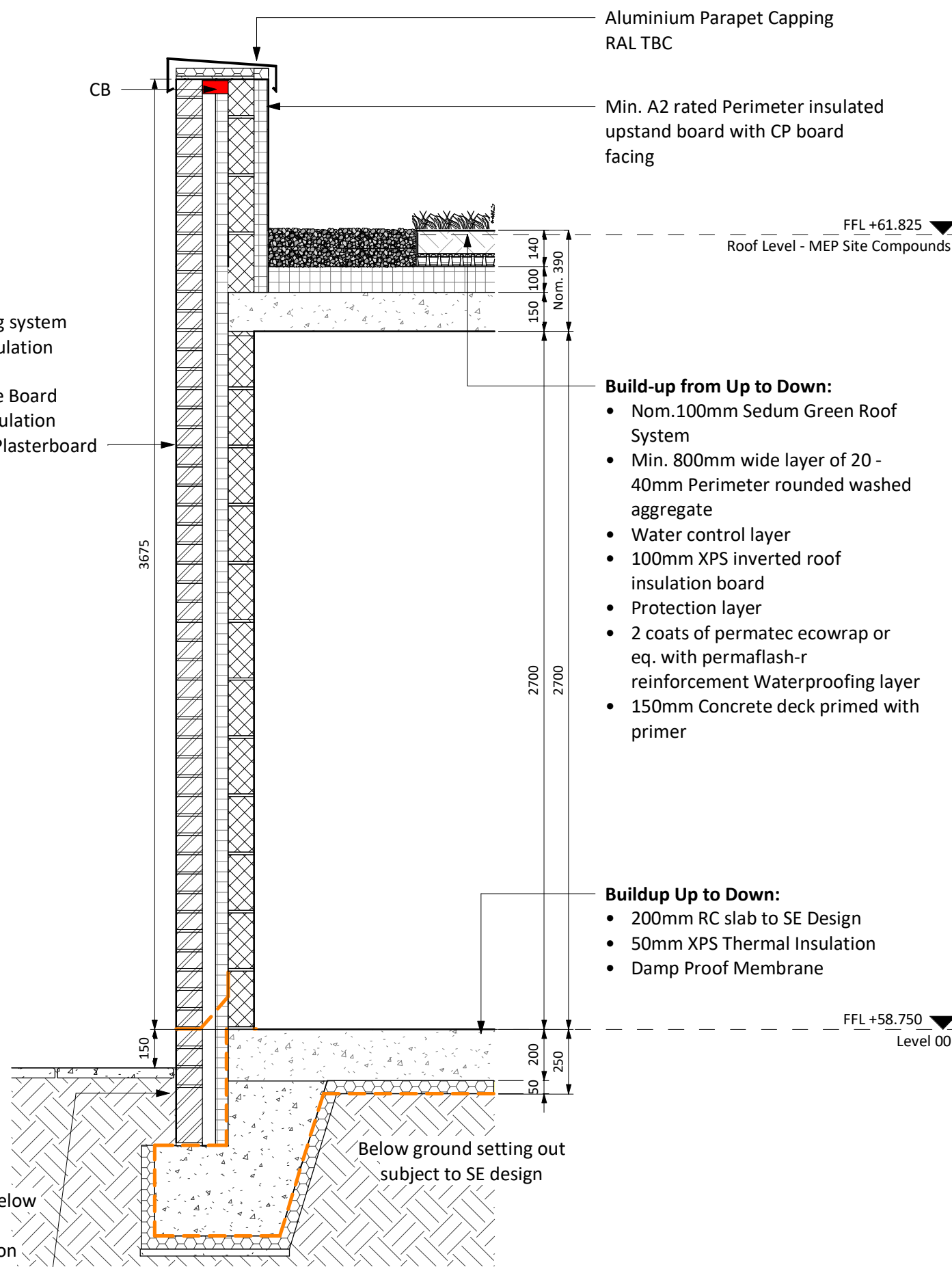
HV Switchroom Plan
1 : 100

- Buildup outside to In:**
- Brickslips on carrier railing system
 - 100mm Mineral Wool Insulation
 - Breather Membrane
 - 12.5mm Weather Defence Board
 - 100mm SFS with fullfil insulation
 - 2 No. 12.5mm Fire rated Plasterboard

- Build-up from Up to Down:**
- Nom.100mm Sedum Green Roof System
 - Min. 800mm wide layer of 20 - 40mm Perimeter rounded washed aggregate
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- Buildup Up to Down:**
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- Buildup outside to In:**
- 102.5mm Below DPC Engineering Brickwork
 - DPC cavity tray
 - 100mm Blockwork Wall below site level
 - 50mm Closed cell insulation suitable for below DPC level



PL	PL02	16/05/25	Provisional PAC Drawings to CTMUHB for Review and
S4	P27	18/03/25	Common Issued for RIBA Stage 3a
STATUS	REV	DATE	DESCRIPTION
CLIENT	Cwm Taf Morgannwg UHB		
REVISD BY	AC		
CHECKED BY	CM		
ORIGINATOR NO	155750		

CONSULTANT
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PROJECT
Llantrisant Health Park
Pontyclun CF72 8XL

DRAWING TITLE
Substation and HV Switchroom Drawings

STATUS CODE	SCALE
S4 - SUITABLE FOR REVIEW & AUTHORITY	As indicated @A1
PROJECT - ORIGINATOR - FUNCTION - SPATIAL - FORM - DISCIPLINE - NUMBER	STATUS_REVISION
W550-STL-00-00-DR-A-09013	PL_PL02