MATERIALS KEY

1. Profiled metal wall cladding - product & system
RAL Colour: 100 30 20 Kingspan Olive Green.

2. Profiled metal roof cladding - product & system
RAL Colour: 100 30 20 Kingspan Olive Green.

3. Plastisol coated gutters and RWPs - profile & system
RAL Colour: 100 30 20 Kingspan Olive Green.

4. Powder coated steel doors - product & system
RAL Colour: 100 30 20 Kingspan Olive Green.

5. For flashings, trims and closures - product & system
RAL Colour: 100 30 20 Kingspan Olive Green.

6. Brickwork plinth, minimum 150mm above GL.

7. Powder coat finish metal ventilation louvres
RAL Colour: 100 30 20 Kingspan Olive Green.

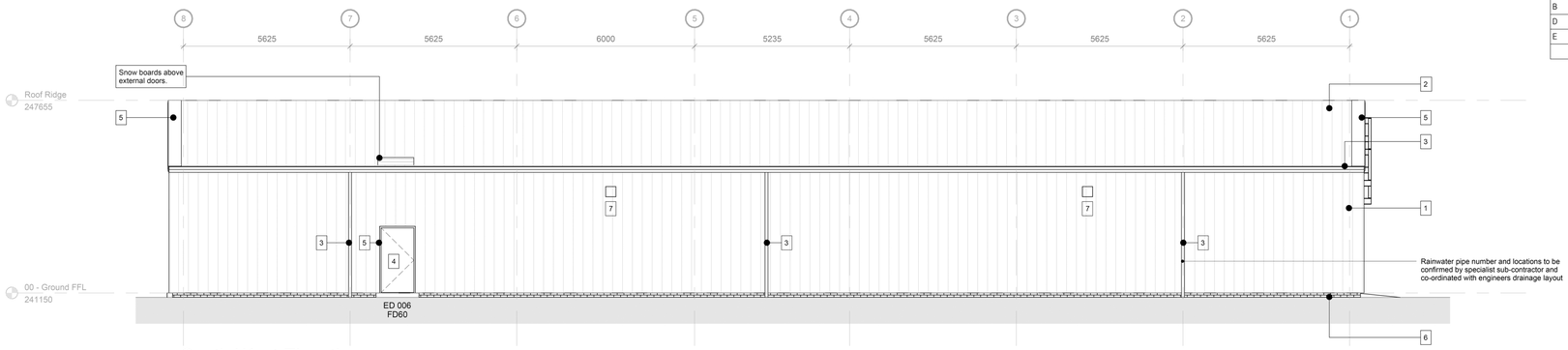
NOTE:

- Steel portal frames with metal cladding and roof.
- Building to be painted with recessive colour, such as RAL 100 30 20: Olive Green or similar & approved (example below).

Kingspan RAL 100 30 20 - Olive Green

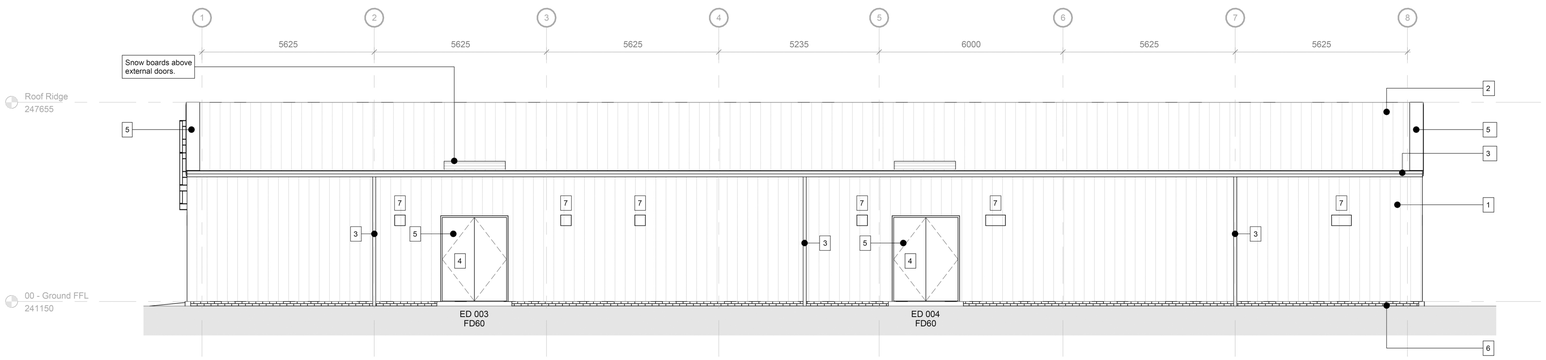
External louvres - to be confirmed by WSP - position, size to be agreed following completion of equipment design. Colour to match cladding - Kingspan RAL 100 30 20 - Olive Green.

Rainwater pipe number and locations to be confirmed by specialist sub-contractor and co-ordinated with engineers drainage layout



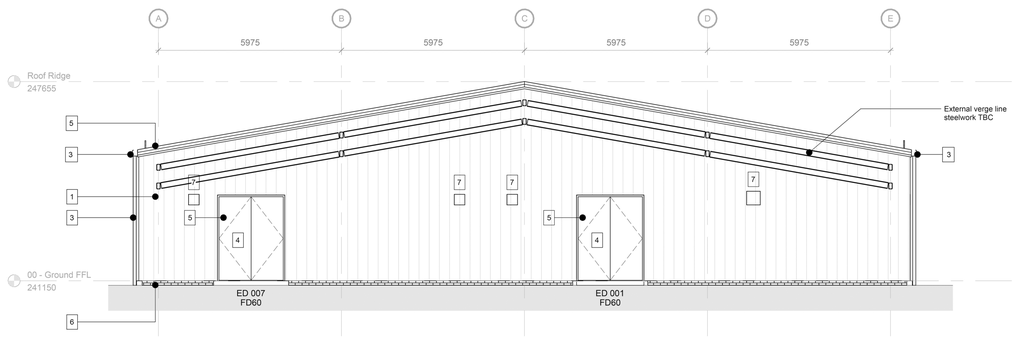
South West Elevation

4 — 1 : 100



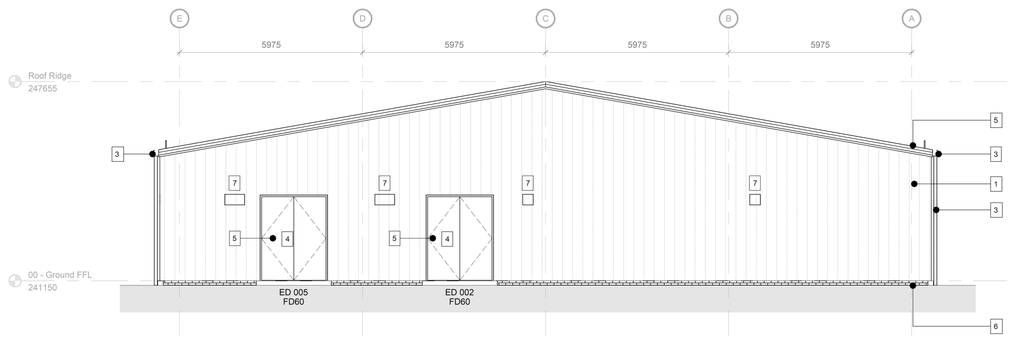
North East Elevation

2 — 1 : 100



South East Elevation

1 — 1 : 100



North West Elevation

3 — 1 : 100

0 1.0 2.0 3.0 4.0 5.0 10.0m
SCALE 1:100

EMBODIED CARBON VALUES		
A1-A3	MATERIAL AND MANUFACTURING	0.00
A4	TRANSPORT	0.00
A5W	WASTE	0.00
B	CONSTRUCTION	0.00
D	RECYCLE	0.00
E	EXCAVATION	0.00
TOTAL (kgCO2e)		0.00

Designer's Site Specific Risk Assessment

This assessment is for non-standard or unusual Hazards and it is expected that Hazards associated with standard installations and designs are well understood by a competent Contractor.

BY: DATE05/06/25

— No works associated with this drawing

HAZARDS/ ACTIVITY - Assessed as Low (L) / Medium (M) / High (H) Not Applicable (N)

—	Falls From Height	—	Drowning/Fall onto Rebar
—	Hazardous Material	—	Contaminated Land
—	Excavation/Service Strike	—	Poor Ground conditions
—	HAVS	—	Site Fabrication/drilling
—	Confined Workplace	—	Manual Handling
—	Access/Egress	—	Stored Energy
—	Weight Limit	—	Congested site
—	Residual Electricity	—	Existing equipment in close proximity

Interfaces: — Public — Operatives — Vehicle/Plant

WHO COULD BE HARMED?
— Construction operatives
— Dismantling crew
— Future maintenance crew
— Public

CONTROL MEASURES
— Existing work instruction
— Method detailed on drawing
— Method detailed on separate document

TEMPORARY WORKS
— No temporary works required
— Temporary works required and documented separately
— Drawing contains temporary works:

DC0 — Standard solution
DC1 — Simple design
DC2 — More complex design
DC3 — Complex/Innovative
DC4 — Abnormal Highly innovative

Complete temporary works design check certificate: ENG-SF-0101C

Level 1 Control
— OK to proceed, no significant design hazards and risks, standard control measures apply.

Level 2 Control
— OK to proceed as detailed in existing work instruction or procedure detailed on drawing or separate document.

Level 3 Control
— OK to proceed providing specific design hazards and risks have been recognized, acknowledged and understood by the operation team. Site operatives may require additional instruction/training

CDM REGULATIONS RESIDUAL RISKS

Design based hazards are actively eliminated where possible. Where hazards cannot be eliminated, this symbol along with an attached note will identify the hazard and indicate that an action is required by the person supervising the works to manage the design hazard during construction.
Other than those noted, we are not aware of any further residual design risks apart from those that a competent contractor would ordinarily consider.

RESIDUAL RISK METER

DRAWN	DW	REMARKS:			
CHKD	VN	ISSUED FOR PLANNING			
DESIGN	VN	STATUS	S5	DATE	06.05.25
APPD	MW	FOR ACCEPTANCE		REV	P04
DRAWN	DW	REMARKS:			
CHKD	VN	ISSUED FOR BALFOUR BEATTY REVIEW			
DESIGN	VN	STATUS	S3	DATE	28.03.25
APPD	MW	REVIEW & COMMENT		REV	P04.01
DRAWN	PW	REMARKS:			
CHKD	VN	2C FINAL ECE			
DESIGN	VN	STATUS	S5	DATE	19.07.24
APPD	MW	FOR ACCEPTANCE		REV	P03
DRAWN	CM	REMARKS:			
CHKD	VN	2C ISSUE			
DESIGN	VN	STATUS	S5	DATE	03.05.24
APPD	MW	FOR ACCEPTANCE		REV	P02
DRAWN	CM	REMARKS:			
CHKD	VN	2B ISSUE			
DESIGN	VN	STATUS	S5	DATE	21.03.24
APPD	MW	FOR ACCEPTANCE		REV	P01

Scottish & Southern Electricity Networks

Balfour Beatty

PROJECT NAME:
CAMBUSHINNIE 400kV SUBSTATION

LOCATION: CAMBUSHINNIE 400kV S/S
SITE: CMBS

TITLE:
CONTROL BUILDING
GA ELEVATIONS

SIZE	SCALE	FORMAT	SHEET No.
A1	1:100	RVT	01 OF 01

DRAWING No.
CMBS-LT520-BB-BLDG-ZZ-ELE-A-0002

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