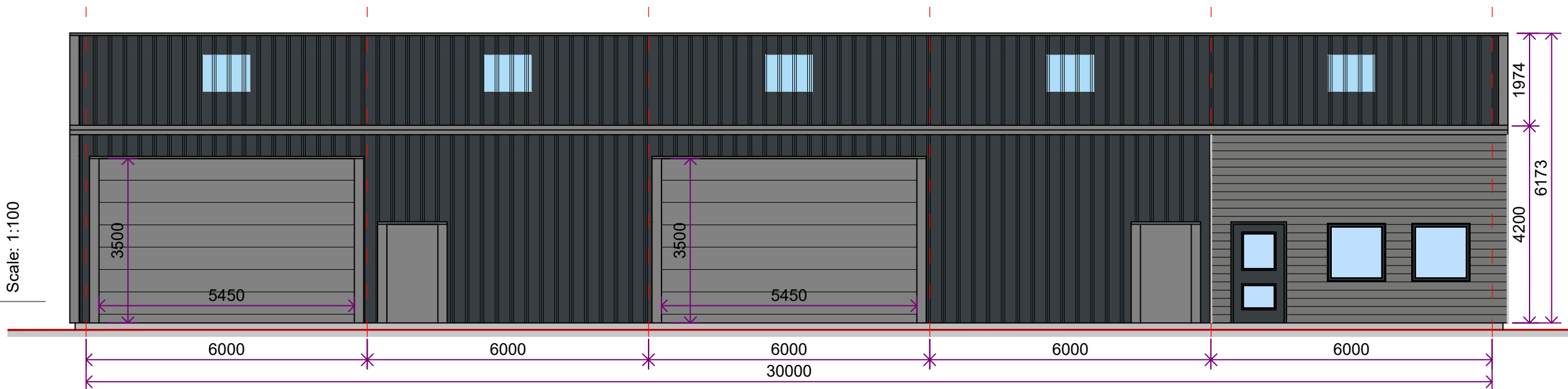
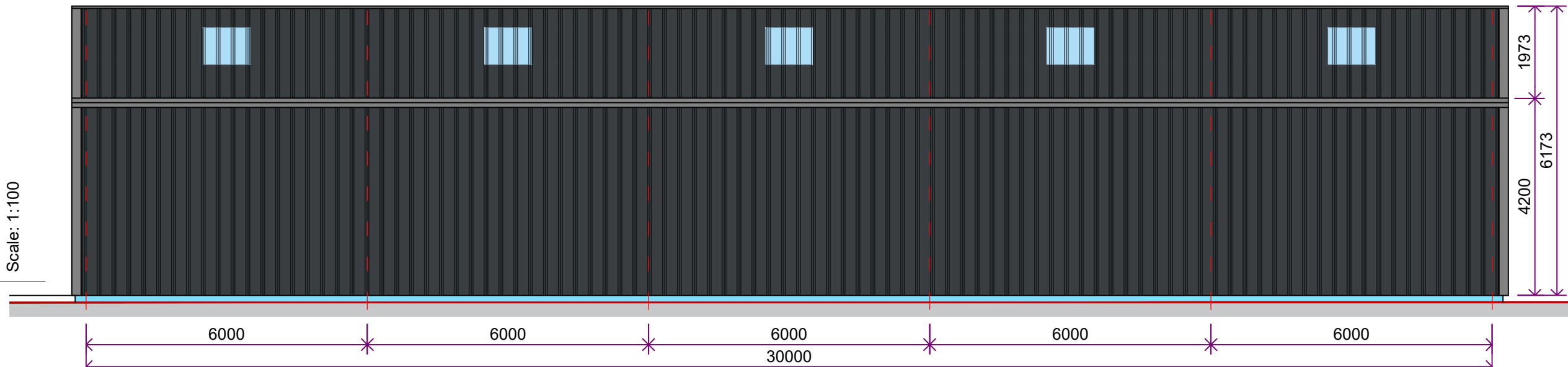


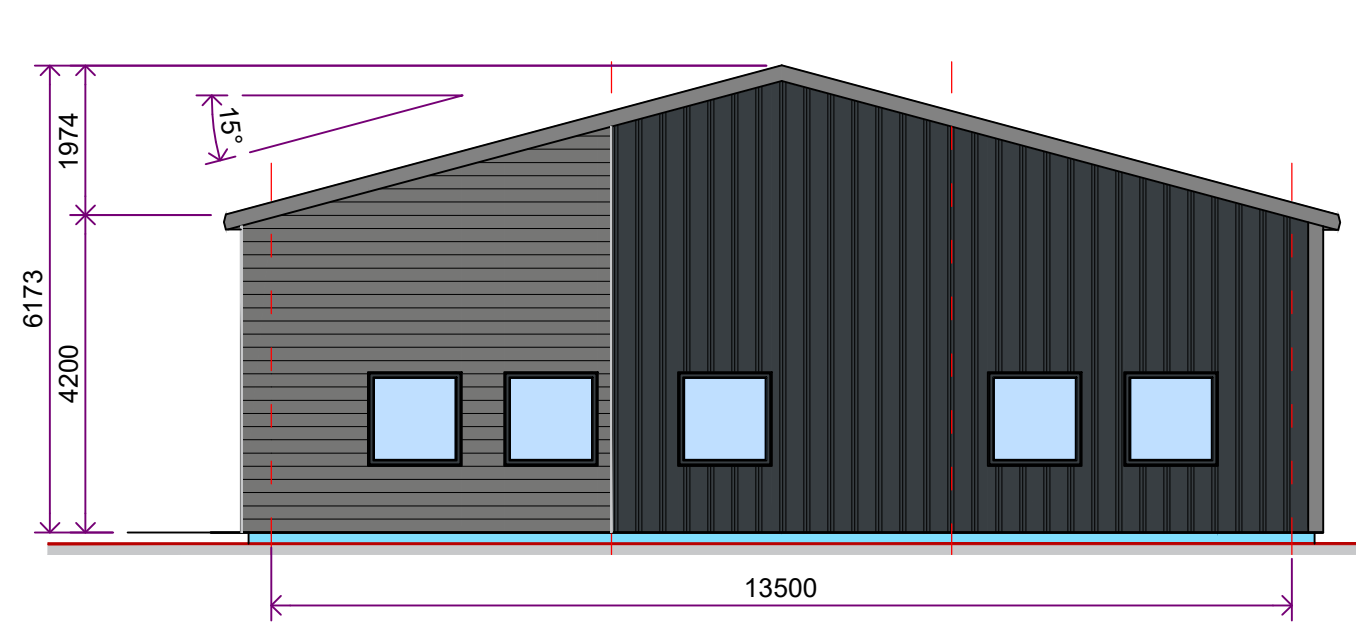
1 WEST ELEVATION



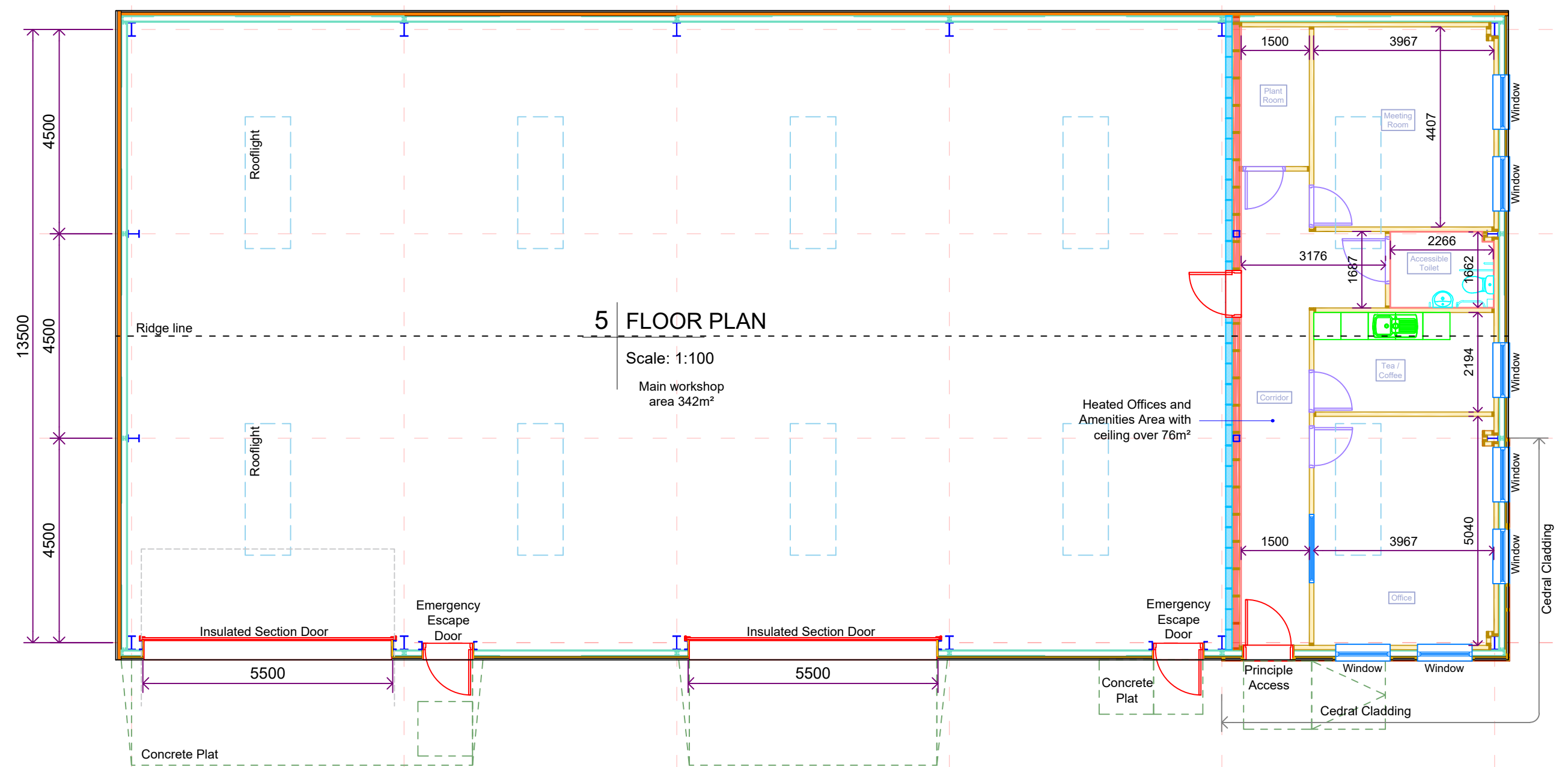
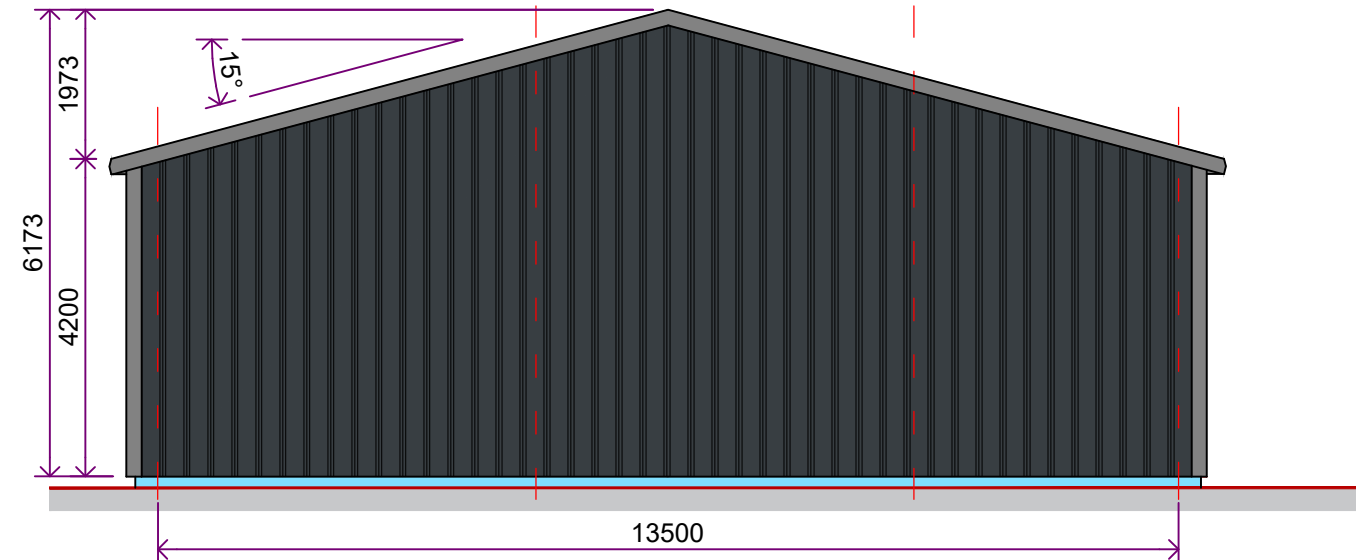
3 EAST ELEVATION



2 SOUTH ELEVATION



4 NORTH ELEVATION

**DESIGN**

Building is designed to BS 5950 (Industrial Spec)

BUILDING USE

Workshop Building with Associated Offices and Staff Amenities

OWNERSHIP / OCCUPANCY

The is under the applicants ownership and occupier.

MAIN STRUCTURAL STEELWORK

To be a single storey, single span steel portal framed building.

STRUCTURAL STEELWORK

All fabricated structural steelwork delivered to the site shall incorporate appropriate "UKCA" marking in order to conform to the requirements of BS EN 1090-1

All Structural steelwork forming main frames and bracing members to have a painted finish.

Note intumescent compatible base coat required to Gridding A columns

RADON GAS

The proposed development is not within an area which would be deemed a Radon Gas Affected Area, as such no Radon protective measures are required.

COAL MINING

The proposed new building is NOT within an area where coal mining has been carried out in the past or is proposed in the future and is out with the coal mining reporting area as per the Coal authorities interactive viewer.

HEATING or COOLING

Building is to contain a stand alone heated area (>50m²), housing the office and staff amenities area, which is to be heated by way of electric wall mounted radiators.

FOUNDATIONS

Site to be excavated to formation level & all vegetable matter to be removed from site. All to be built off natural firm ground conditions to satisfaction of engineer. Ground to have a bearing capacity of 100kN

All foundations to have a minimum ground cover of 450mm.

FLOORS

150mm concrete floor cast in situ. RC25/30 concrete mix with A252 mesh reinforcement cast over 1000 gauge polythene Damp Proof Membrane, insulation is to be placed below the heated areas floor, all to set on 20mm sand blinding over consolidated hardcore laid in layers no greater than 150mm.

Floors to be laid to falls where required.

EXTERNAL WALLS (CLADDING)

All side and gable walls to have composite panel cladding (down to levels show). East and North elevations to have 60/30 rated fire wall panels. All cladding to be complete with flashing's & trims to be fixed to Galvanised Sheeting Rails (sleeved) bolted to frames.

Sheeting rails to have anti sag system and rail / column stays (at positions indicated) installed. Cladding and rails to be fitted and fixed in accordance with manufacturers written instructions. Cladding to be Anthracite (RAL 7016) in colour with Alaska Grey (RAL 7000) contrasting trims

EXTERNAL WALLS (TIMBER)

Part side and part gable to have horizontal Cedar cladding overlaid (as shown).

BLOCKWORK (PERIMETER & BELOW INTERNAL DIVISION)

All to be 140mm thick dense concrete blockwork building of off strip foundation to perimeter and internal wall wall between main space and offices and amenities area. Perimeter blockwork to finish at 1 course above FFL. Blockwork wall located between the Offices and main area to be 2.925m high (from FFL)

ROOF

To be composite panel roof cladding. All to be complete with flashing's, trims and all to be fixed to galvanised purlins bolted to frames with purlin stays fitted. Cladding to be fitted and fixed in accordance with manufacturers written instructions.

Cladding to be Anthracite (RAL 7016) in colour with Alaska Grey (RAL 7000) contrasting trims

ROOFLIGHTS

Rooflight panels to be positioned as shown on the floor plan.

INTERNAL WALLS (PERIMETER & BELOW INTERNAL DIVISION)

All to be C16 timber studs @ 600mm ctrs. 95mm studs where walls are located on the external perimeter of the building, and 140mm C16 timber studs where walls are forming envelope between heated and unheated areas of the building. complete with 25mm dpc faced spacer to blockwork and 25mm service void batten to inside face. All walls to have insulation fitted between studs.

Internal partition walls to be 95mm C16 timber studs complete with deafening insulation installed.

All walls are to have plasterboard finish, taped and filled.

CEILING

Ceiling over Office and amenities area to be formed in timber joists @ 600mm ctrs with plasterboard finish to under side and 22m chipboard finish to top side, with insulation to be positioned between the joists

SURFACE WATER DRAINAGE

To be pre-formed trim line gutters all to be complete with 110mm Ø pvc downpipes connecting to sub-surface drainage system. All Gutters & downpipes to be fitted and fixed in accordance with manufacturers written instructions. Surface water drainage to connect to on site surface water soakaway system. All to be in accordance with General Binding Rules (GBR's 10, 11 & 21) of schedule 3 of The Water Environment (Controlled Activities) (Scotland) Regulations 2005 (CAR).

FOUL WATER DRAINAGE

To be discharge to the existing disconnection chamber located on the site, and to the foul sewer serving the site / plots.

ACCESS / ESCAPE

To be byway of personnel door (as shown on the floor plan).

All escapes to have a Minimum clear opening width of 800mm.

DOORS

Main vehicle access door to areas to be an insulated sectional door (as shown on the floor plans)

GENERAL

All works to be in accordance with the Building (Scotland) Regulations 2004 and all current amendments.

Any structural and external timbers to be pressure impregnated against insect, rot and fungal attack all finishes to be to satisfaction of client

All works to be in accordance with the appropriate statutory bodies requirements and or approvals for the works and use, for example; Perth & Kinross Council Planning & Building Standards, SEPA, Scottish Water & The Scottish Fire & Rescue Service and any other bodies relevant to the proposals.

All proprietary materials to be fitted fixed and installed in accordance with manufacturers current written instructions and or certification documents i.e. BBA certificates.

Any changes from the approved drawings and specification requested by client or contractor are to be fully approved by Planning and Building Standards departments prior to implementation.

Campbell of Doune Ltd cannot accept responsibility for any changes from the approved documents.

REVISION: A - Planning Updates

DATE: 15.08.25

Campbell of Doune Ltd
Consulting Civil and Structural Engineers
Clan House, Muthill Road, Crieff, Perthshire, PH7 4HQ

Job No.
9513-24

Drawing Status
PLANNING

Proposed New Industrial Building

AT
Plot at Bridgend, Muthill Road, Crieff
FOR
Dawson and Deacon Joiners & Contractors Ltd
Floor Plan & Elevations

DRAWN	SCALE	DATE	DRAWING No.	PAPER SIZE
JR	As Noted	03.09.24	002	A2

BUILDING DESIGN CLASSIFICATION	DESIGN CHECK LEVEL
<input type="checkbox"/> BS5502 Class II Agricultural	<input type="checkbox"/> DCL1 - Self Check
<input checked="" type="checkbox"/> BS5950 Industrial	<input checked="" type="checkbox"/> DCL2 - Simple Check
<input type="checkbox"/> Domestic	<input type="checkbox"/> DCL3 - Intermediate Check
<input type="checkbox"/> Other	<input type="checkbox"/> DCL4 - Extended Check

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