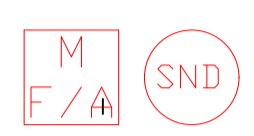
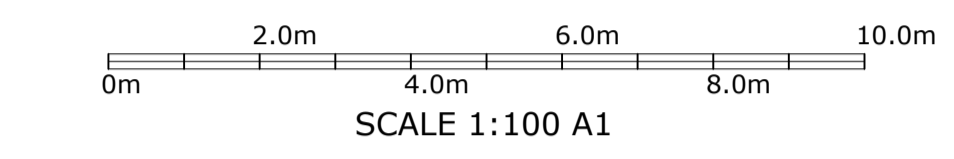
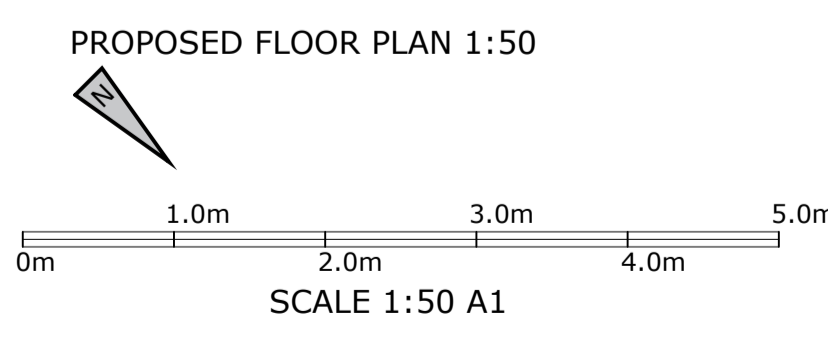
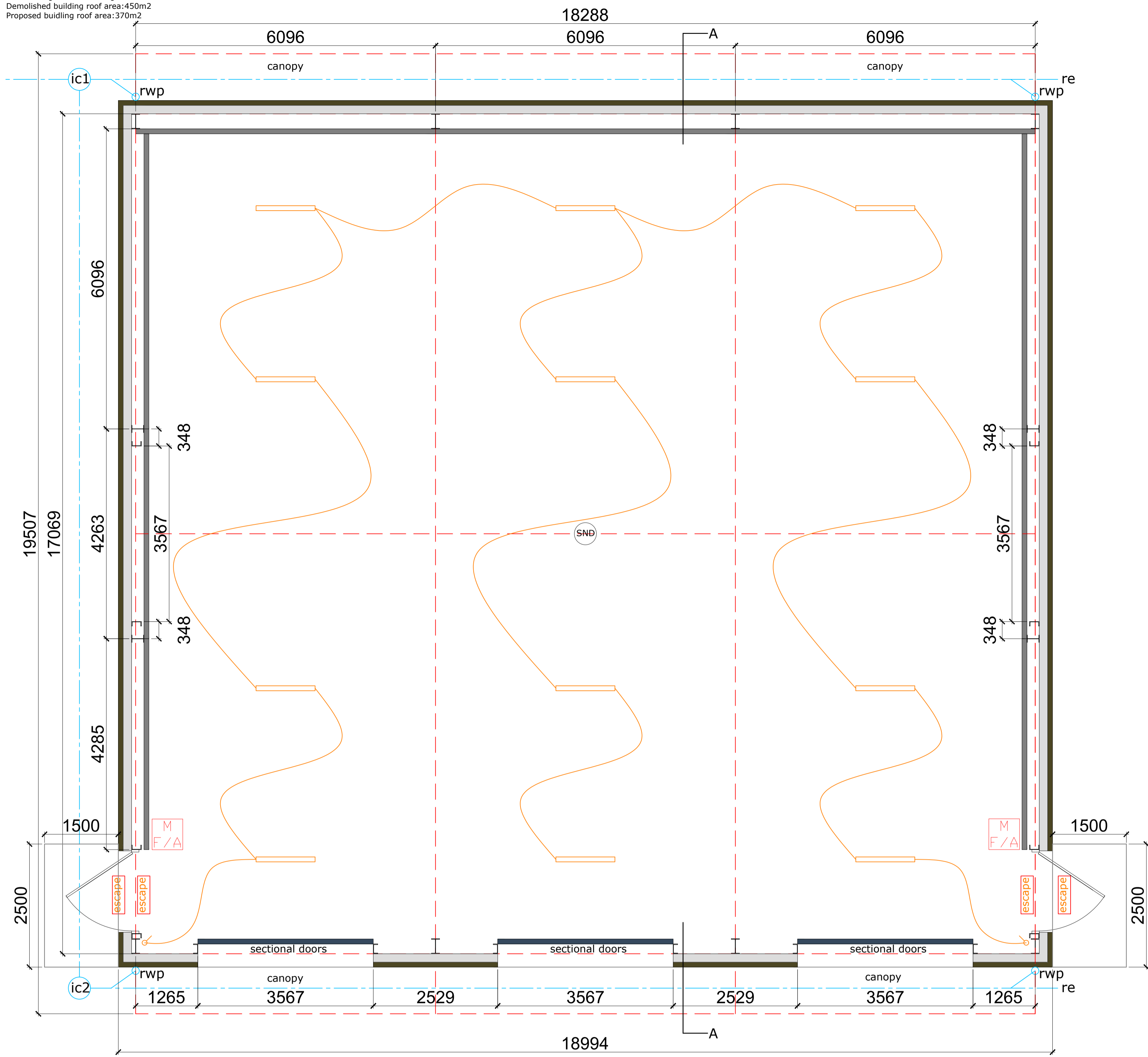
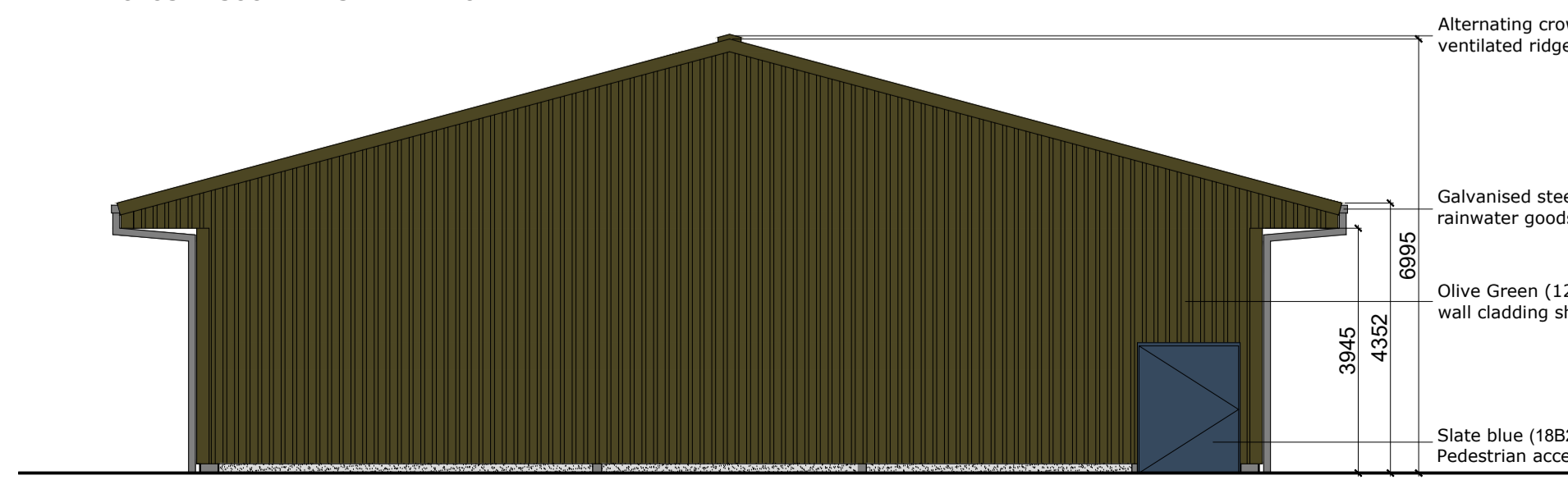
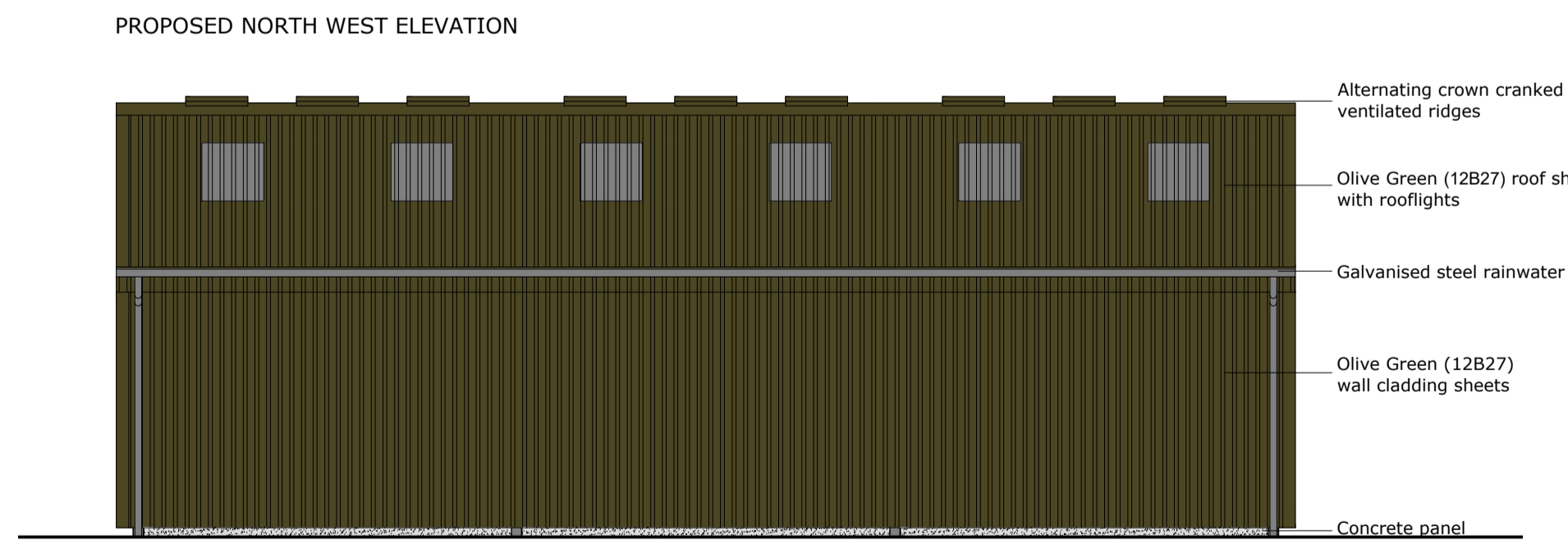
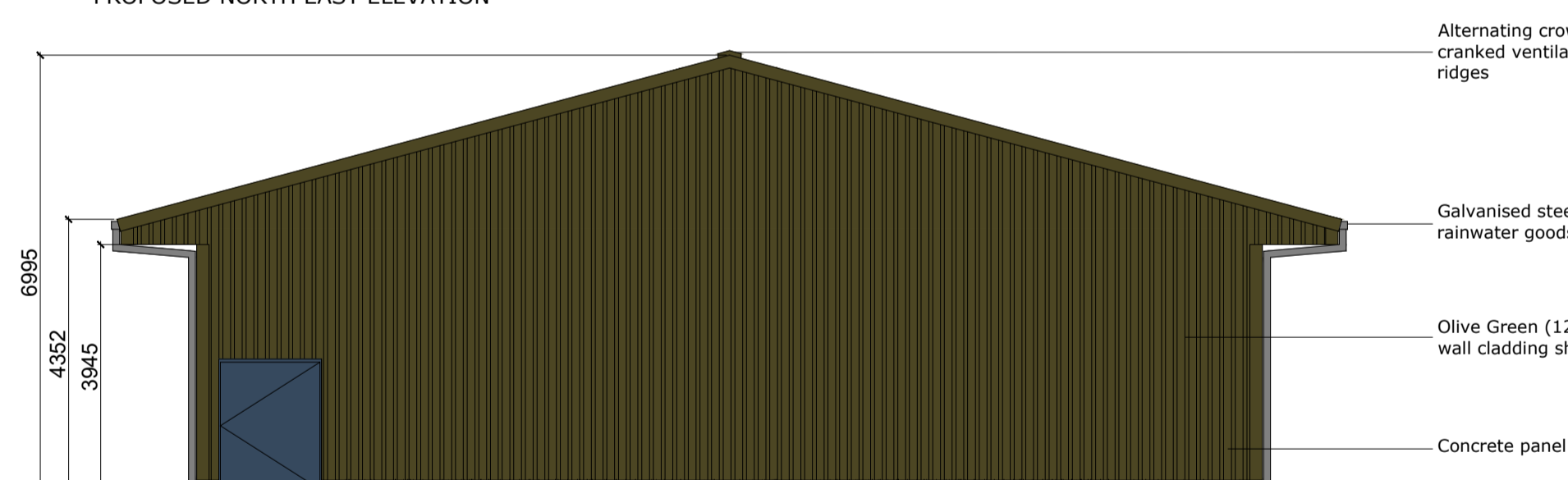
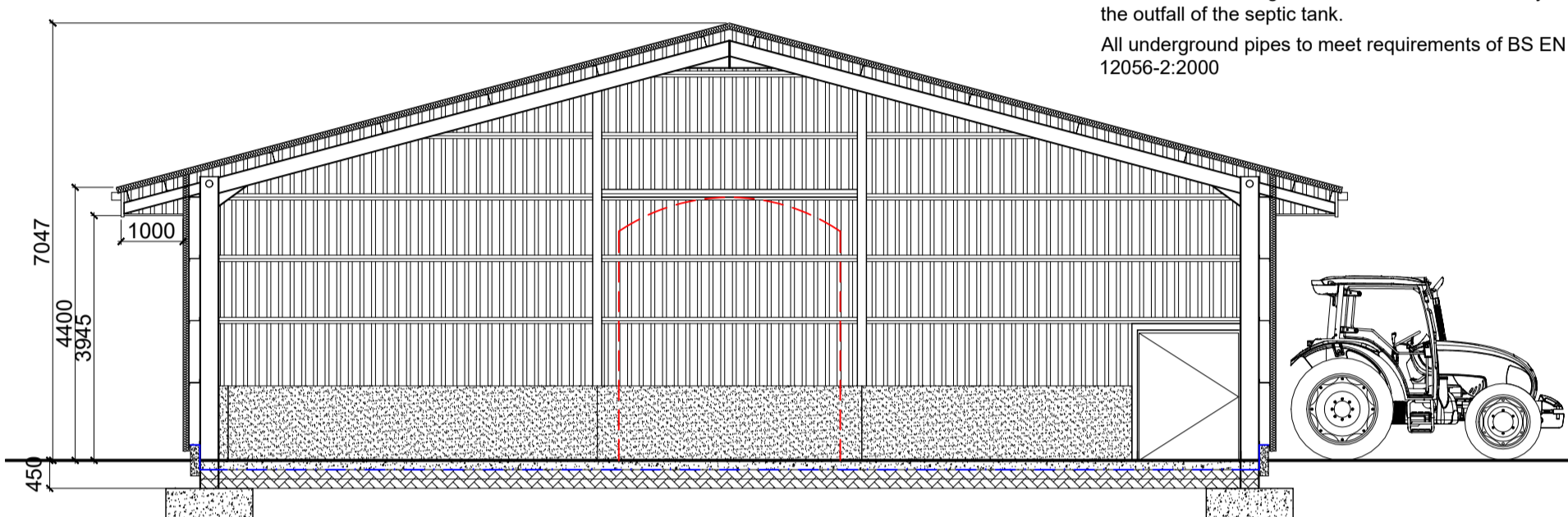


Surface drainage to connect into existing surface drainage.
Demolished building roof area: 450m²
Proposed building roof area: 370m²



Fire Alarm System:
Install a category M, fire alarm system in accordance with BS5839 with manual call points at all pedestrian exits.

Surface Drainage:
New surface drainage to connect to new soakaway below the outfall of the septic tank.
All underground pipes to meet requirements of BS EN 12056-2:2000



NOTES
Do not scale from this drawing unless for Planning purposes. Figured dimensions only are to be used. All dimensions must be checked on site by the Contractor prior to the commencement of any fabrication or building works. Where applicable, dimensions and details are to be read in conjunction with specialist consultants' drawings; any disparity between drawings is to be brought to the attention of Savills prior to the commencement of any fabrication or building works. This drawing is the property of Savills and may not be reproduced without their expressed permission.

REVISIONS

| REV | NOTE / DRAWN BY | DATE |
|-----|-----------------|------|
| | | |

SPECIFICATION
ALL STEEL, FOUNDATION AND STRUCTURAL WORK TO BE IN ACCORDANCE WITH ENGINEERS DESIGN
All works to be in accordance with The Building (Scotland) Regulations 2013 & all current amendments.
All New works, products and processes are to be in accordance with the relevant British Standards & Manufacturers Guidance.
NSSS 5th Edition with CE mark amendments.
Portal Frame Steelwork to be CE marked and fabricated and erected by contractor suitably registered under the CE marking Scheme.
Contractors advised to investigate site conditions and confirm size requirements before tendering.
Building to be designed to BS5502-22:2013.
All steel, foundations, columns, bracing and fixings etc. to be in compliance with engineers specification.
All steelwork to be dipped in acid then hot dipped galvanised to BS EN ISO 1461:2009 (85 micron dft)
A design certificate and/or calculation for the steel work is to be issued by the structural engineer.

Steel sizes:
REFER TO STRUCTURAL ENGINEERS DRAWINGS
MAIN STEELWORK SECTION SIZES GPB
Columns: 356x171x4540 UB
Rafters: 254x146x31 UB 15°
Stub Rafters: 254x102x22 UB 15°
Gable Columns: 254x146x43 UB
PFCs - Refer to Engineers drawings.
Roof Bracing: 88.9x8.0 CHS
Side Bracing: 88.9x8.0 CHS
Eaves Ties: 88.9x5.0 CHS

EAVESBEAM, PURLINS & RAILS SIZES
Roof Purlins :Steadmans 170 Z 15 single span purlins
Installed per engineers design.
Side Rails:Steadmans 170 Z 15 single span purlins @ 1.0m ctrs MAX with Anti-Sag Rods at midspan.

Foundations:
REFER TO STRUCTURAL ENGINEERS DRAWINGS
Apron:
150mm RC35 (with A252 mesh mid depth) concrete slab on 150mm compacted hardcore layers down to hard ground as per structural engineers design

Floors:
General Purpose Area:
150mm RC 35 concrete slab 1200mm dpm, on well consolidated 150mm type 1 sub base layers as required.

Vertical Cladding:
Olive Green (BS 12B27) Steadmans AS35 100mm composite insulated roof cladding. Cladding Rail to sit on 500mm precast concrete panel dado wall.

Roof cladding:
Olive Green (BS 12B27) Steadmans AS35 100mm composite insulated roof cladding. 15deg, falling to two 152x125mm galvanised steel box gutters falling to 4no. 150mm down pipes connecting into existing surface drainage.
General purpose building to have an alternating crown cranked ventilated ridge with mesh installed to prevent avian and insect access.
A roof access warning sign which complies with BS5498:PTS:2002 is to be provided in suitable visible area where parts of the roof (fragile) are not capable of bearing load of 0.9KN/130m².
Access to the roof to be gained by use of a Cherry Picker or similar from the concrete apron.

External Doors:
3No. 12ft / 3.65m wide insulated sectional doors with glazed section in slate blue.
2No. 1.5m steel panel insulated pedestrian doors
Pedestrian fire exits to be fitted with panic exit locks to BS EN 1125:2008
Min clear opening width 1000mm.
Pedestrian doors to have a 1.2mx1.2m clear level platt externally as indicated, doors to be fitted with non trip hazard threshold.
Pedestrian fire exits to be fitted with push pad mechanism to BS EN 179:2008



PROJECT TITLE
PROPOSED GENERAL PURPOSE AGRICULTURAL BUILDING BLAIRNO, DD9 7UJ
CLIENT
TILLYBARDINE FARMS

DRAWING TITLE
PROPOSED GENERAL ARRANGEMENT

| SCALE | PAPER SIZE | DRAWING NUMBER | REVISION |
|-------|------------|----------------|----------|
| 1:100 | A1 | 658059 /05 | -- |

DRAWING STATUS
PL / BW
DRAWN BY
CR
CHECKED BY
DATE
20-03-24

