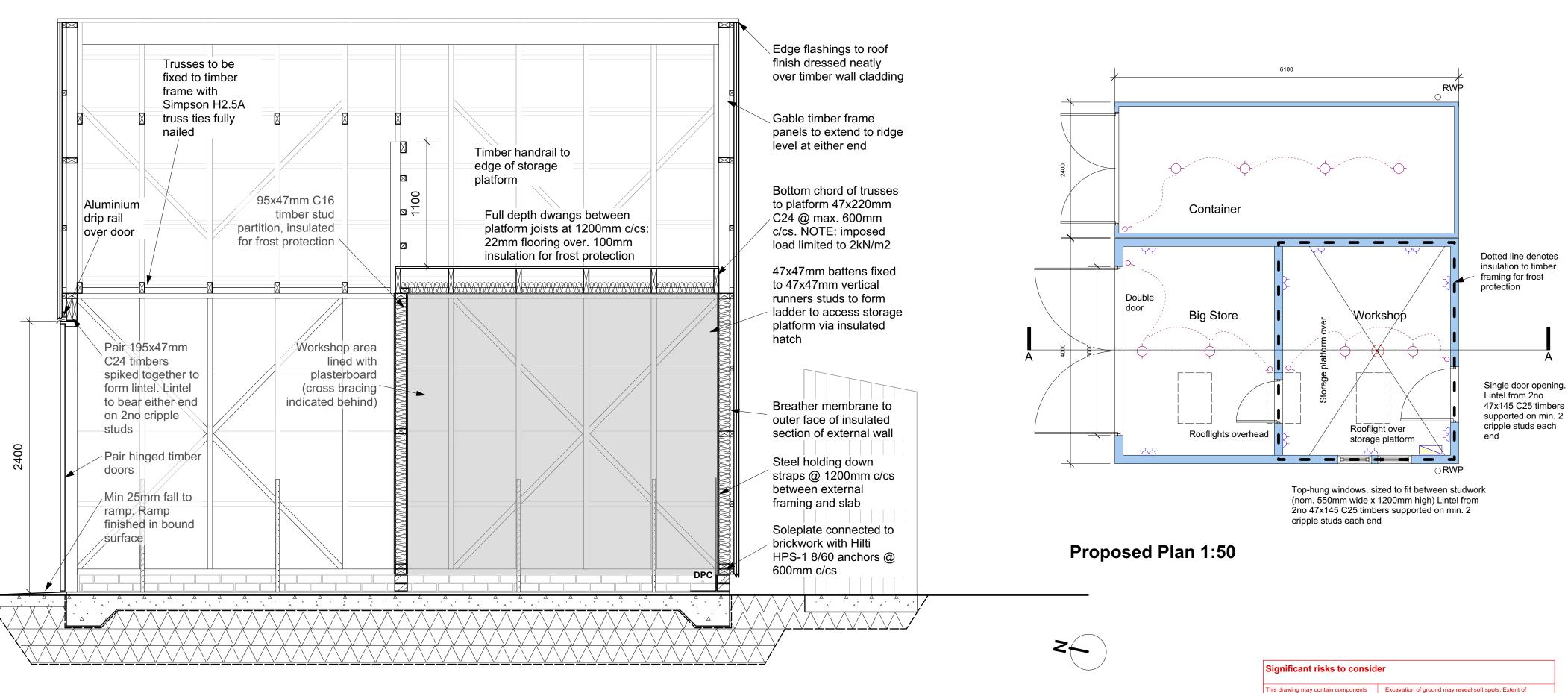


Proposed Elevations 1:100



# **Proposed Section 1:25**

# This drawing may contain components or processes that involve a health & safety risk during installation, cleaning, maintenance or removal. A risk assessment (right) has been prepared for the works packages by the Architect which identifies those risks of which the Architect is aware. Further risk assessments must also be prepared on behalf of any persons undertaking any work in relation to the drawings. Refer to all risk assessments before commencing work. Excavation of ground may reveal soft spots. Extent of below ground services is UNKNOWN. Construction of building involves large components (e.g. trusses, roof sheeting), use of power tools, working at height and exposure to hazardous substances, e.g. sawdust, cement. Location of building is close to a public road and immediately adjacent to a public building and parking area. Location of building is also close to the seashore.

### REFER STRUCTURAL ENGINEER DRAWING 125122/001 FOR ALL STRUCTURAL DETAILS

## Roof:

Contractor-designed timber trusses with high level tie and vertical struts as necessary. NOTE extent of storage platform. Bottom chord of trusses to be increased in size for this area to provide adequate strength. Trusses connected to external walls with truss clips as notes on drawing.

Min. 95x47mm diagonal timber bracing between rafters to provide racking.
2no. 95x47mm C16 timbers trimming roofligt openings.

45x45mm horizontal battens over rafters at c/cs to support roof sheeting finish complete with propritary ridhe and verge flashings in matching colour.

New rainwater goods to be black powder coated aluminium.

## External walls:

Untreated vertical board on board timber cladding on 45x38mm horizontal battens at nom. 600mm c/cs. Cladding to stop 150mm above FGL. Stainless steel insect mesh to all heads and bases.

95x47mm C16 timber studs at nom. 600mm c/cs with soleplate and wallplate. All studs dwanged at mid-height. 100x50mm diagonal timber bracing between studs as shown. Diagonal bracing to be fitted to all four elevations. Insulation to be fitted to framing where noted to provide frost protection.

Two courses engineering brick (black/blue) in 3:1 sand:cement mortar with DPC over to raise timber framing 150mm above slab

1000mm long galvanised steel holding down straps with min 150mm leg to connect timber framing to floor slab.

## Windows, doors, rooflights:

Rooflights to be Velux type with dark grey aluminium external facings. Window and single door to meet current building regulations for heat loss. Double door from timber with cross bracing, clad to match walls

## Slab:

150mm thk grade RC 28/35 concrete slab reinforced with 1 layer A193 mesh to upper face. Slab to have 150mm deep x 300mm wide edge thickening. All laid over 1200g DPM over nom. 25mm sand blinding

Ground excavated as necessary and lined with geotextile membrane. Ground built up with Type 1, well compacted in max 150mm thk layers to formation level

Concrete ramp formed at entrance doors.

Nom 100mm thk slab formed for bin store with 1:100 run-off

# Electrics:

All electrical cabling to be Low Smoke Zero Halogen (no PVC). All electrical work to BS7671:2008 and latest version of IEE Regulations. Electrical completion certifiate to be provided upon commissioning of installation.

## Drainage:

Rainwater to issue into gravel trench to rear of building.

## Container:

2.4m x 6.1m x 2.6m steel container with double end doors to be erected adjacent to timber building, and clad to match timber building. 145x47mm rafters fitted over to form lean-to roof, finished with same roofing material.

Revisions.
A. 20/02/18 Basic construction information added to drawing for comment by structural engineer. SF
B. 13/03/18 Drawing updated with structural engineer notes. SF
C. 15/03/18 Container added to north side of timber storage building. SF

Client Arisaig Community Trust	No. 12013/900		Rev.	
Project  Land, Sea and Island Centre,	Revisions:			
Arisaig	Scale	1:50 / 1:1	00	
Drawing	Sheet size	A2		
PROPOSED STORE	Date	Decembe	December 2014	
PROPOSED STORE	Drawn by	SF	Checked by	SF

