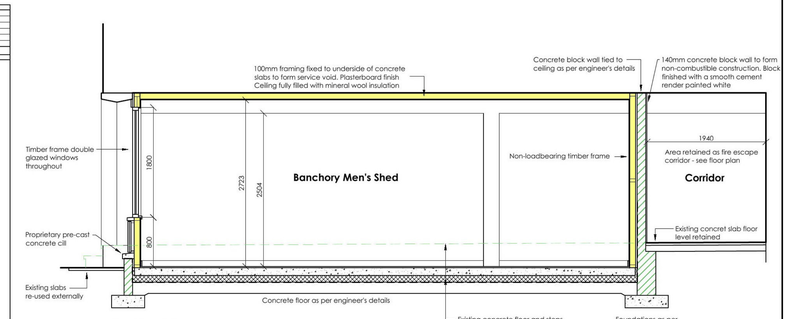
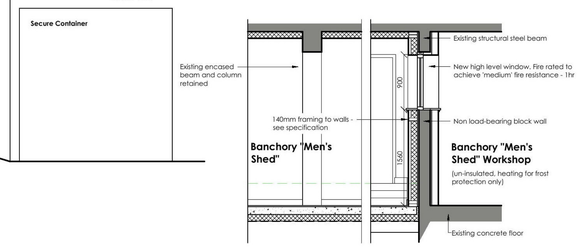
0mm 50mm 100mm 1:1 pdf print scale reference

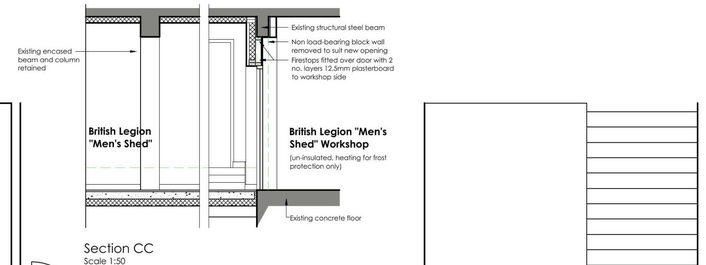
South
Elevation
Scale 1:50



Section AA
Scale 1:50



Section BB
Scale 1:50



Section CC
Scale 1:50

Timber Cladding Specification:

Russwood (01540 673 648) Scottish Larch to be used for all cladding. Graded to BS 1186-3 Part 4 Class 2/3. Rough sawn boards to external walls (Profile Board on Board A - 150x25mm boards)

Practically centre free, sapfree wood, tight live knot structure of max 50mm in diameter; resin pockets maximum of one per 2.5m; kiln dried to 16-18% moisture content.
lengths 1.8m-4.8m with max 5% below 1.8m.

All vertical boards to be single lengths - no end-to-end joints

Site finished dark stain to timber cladding to match house

Setting out of boards

Attention must be paid in advance to position of windows. Inner cladding boards should be laid out with this in mind. All windows have been positioned to achieve the standard window detail.

Ensure all ventilation & drying gaps are achieved as per drawn details.

Orientation of boards

Heart side of inner boards to face inwards; heart side of outer boards to face out.

Fixing

See fixing detail. nails must not be overdriven - bullet hole effect must be avoided.

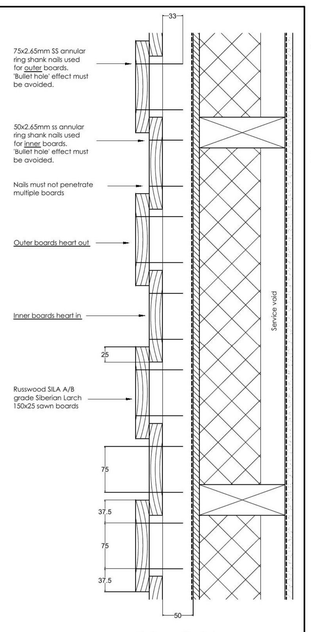
Nails must not penetrate multiple boards, to avoid inner boards splitting.

75x2.65mm SS annular ring shank nails used for outer boards.
50x2.65mm SS annular ring shank nails used for inner boards.

Cavity Barriers

50mm firestops at minimum of 6m centres vertically, and at all returns within cavity.

Firestops around all window and at ceiling level as per drawing details.



Fixing Guide
Scale 1:5

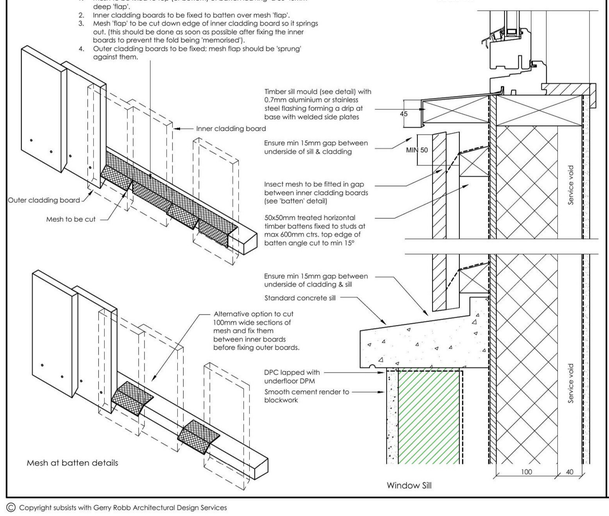
Notes on Insect Mesh:

Insect mesh can be attached to underside of batten and 'sprung up' as an alternative.

Insect mesh around bottom of timber cladding and where exposed at the soffit must be expanded aluminium/stainless steel soffit mesh (such as that supplied in 75/100mm x 30m rolls by 'Fine Mesh Metals' (tel. 01902 898208), or by 'Dramex Expanded Metal Limited' (tel. 01527 501600)).

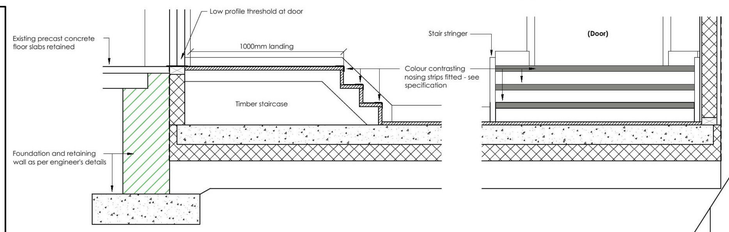
All other insect mesh may be semi-rigged extruded hdpe plastic (not netting).

1. Mesh to be fixed to top (or bottom) of batten leaving a 30-40mm deep 'flap'.
2. Inner cladding boards to be fixed to batten over mesh 'flap'.
3. Mesh 'flap' to be cut down edge of inner cladding board so it springs out. (this should be done as soon as possible after fixing the inner boards to prevent the fold being 'memorised').
4. Outer cladding boards to be fixed; mesh flap should be 'sprung' against them.

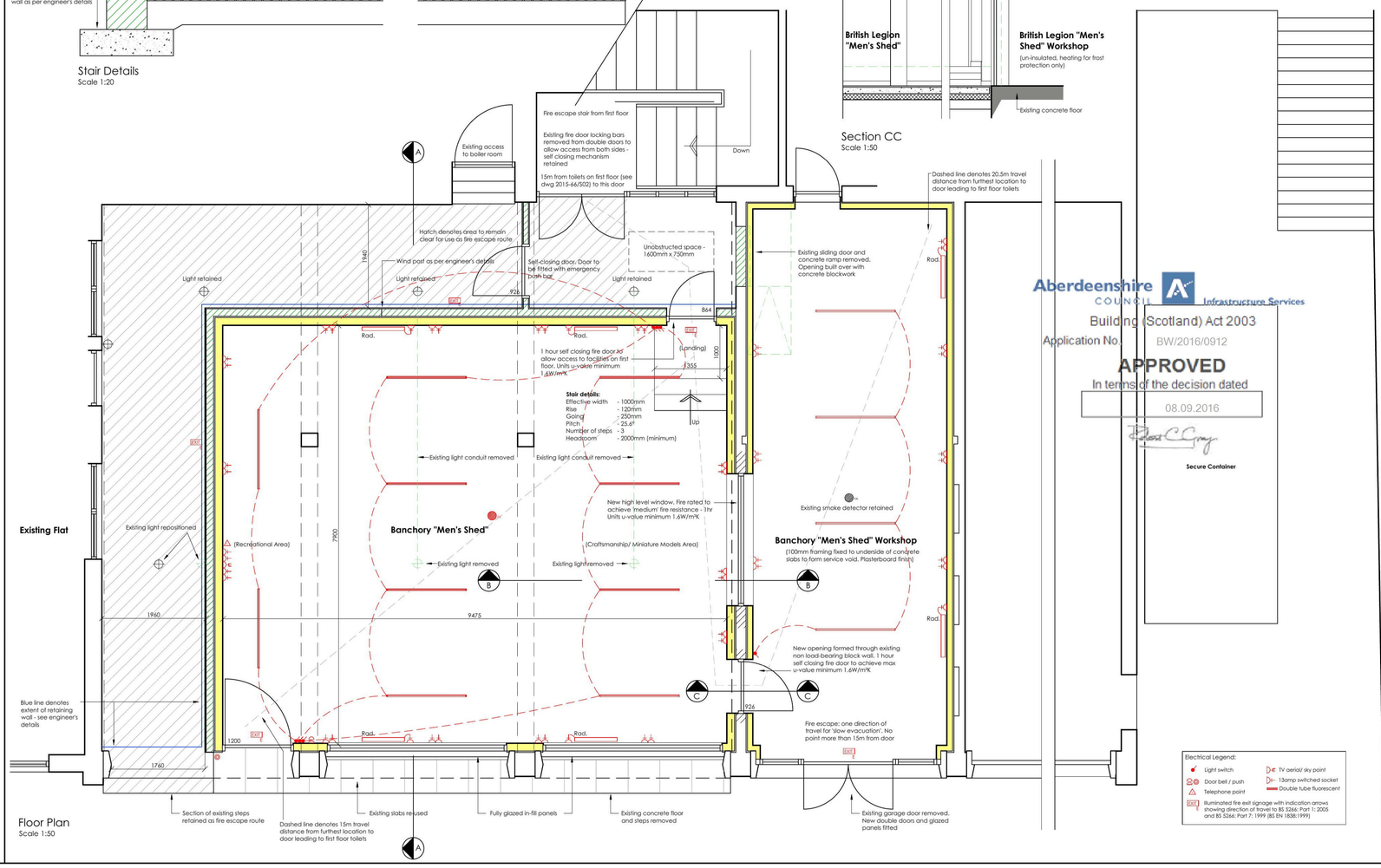


Mesh at batten details

Window Sill



Stair Details
Scale 1:20



Floor Plan
Scale 1:50

Aberdeenshire Council Infrastructure Services
Building (Scotland) Act 2003
Application No. BW/2016/0912
APPROVED
In terms of the decision dated
08.09.2016
Secure Container

Electrical Legend:
- Light switch
- Door bell / push
- Telephone point
- EXIT Illuminated fire exit signage with indication arrows showing direction of travel to BS 5266: Part 1: 2005 and BS 5266: Part 7: 1999 (BS EN 1838:1999)
- TV TV aerial/ sky point
- 13amp switched socket
- Double tube fluorescent

Specification:

General Notes:

Information on drawings:

All dimensions in millimetres unless otherwise stated (taken from inside face of timber frame). All existing dimensions to be checked on site prior to commencement of works.

Do not scale off drawing.

If you have any queries regarding information shown on drawings, notice any discrepancies, or require any further details or dimensions please contact *Gerry Robb Architectural Design Services* .

Colours shown are not indicative of finishes - all paint, render and stain colours to be confirmed with *Gerry Robb Architectural Design Services* .

All works to be carried out in accordance with the current building regulations, local by-laws and to the satisfaction of the local building control officer.

Air infiltration and cold bridging:

Building to be constructed to ensure that cold bridging and air infiltration is minimised, all in accordance with the recommendations in BRE 262 'Thermal insulation, avoiding risks" (2002) and BSD's document 'Accredited Construction Details (Scotland) 2010' .

All gaps surrounding openings & at junctions of building elements etc to be sealed. All vapour control layers to be fitted in accordance with manufacturers instructions and all suitable joints lapped and/or sealed. All service penetrations, ducts, etc to be suitably sealed. Draft seals to be fitted to all external windows, doors and hatches.

Under building and floorslab:

DPC:

2000g DPC in walls (and under timber frame) min 150mm above finished ground level, with 1200g floor DPM lapped under. 150mm vertical DPC to all openings.

Where existing external walls are to become internal, tanking will be required: walls to be cleaned, picked out & re-pointed (where required) then finished with a smooth cement plaster finish to min 1000mm above ground level. Bituminous felt to be burnt on and lapped with floor DPM.

Floor Construction: (Men's Shed)

Existing concrete slab floor removed and FFL lowered to carparking level - see section AA. Concrete slabs retained and re-used where shown on floor plan.

150mm concrete floor slab (to engineer's specification) over 110mm PIR insulation board (max 0.022W/m.K) on 1200gauage DPM all over 200mm blinded, compacted hardcore.

Finish floor level to be flush with adjacent men's shed workshop floor

Floor Construction: (Men's Shed Workshop)

Existing concrete floor retained. No insulation fitted.

Walling:

Block wall:

140mm concrete block wall as per engineer's specification finished with smooth cement render (to corridor side). Painted white.

140x45mm timber studs held back 25mm from block face with top, bottom and mid rails.

Insulation:

100mm PIR insulation board (max 0.022W/m.K) , friction fitted between timber frame posts and rails. All other gaps to be filled with expanding foam/loose insulation material.

Insulation push back to form 40mm service void behind plasterboard.

Internal Finish:

12.5mm plain te duplex vapour barrier plasterboard finish internally, taped and filled.

Windows and doors:

All windows to be timber frame to achieve max u-value of 1.6 W/m²K

All doors to be timber framed with max u-value of 1.6 W/m²K.

All glazing within 800mm of FL, forming part of a door leaf, or within 300mm of a door leaf and within 1.5m of FL, to be toughen ed safety glass in accordance with BS 6262: Part 4: 2005.

Fully glazed doors to incorporate one pane of laminated glass meeting, or exceeding, BS EN 356: 2000 class P1A.

Controls for window openings providing ventilation compliance to be min 350mm from internal corners & max 1.7m above FL (or max 1.5m above FL where positioned above a worktop or similar sized obstruction and 1.2m above FL in an enhanced apartment or accessible sanitary accommodation).

Trickle vents to be fitted where shown on plans & elevations to provide 12,000mm²

Vents to be fitted with suitable closers to allow occupants greater control.

Vents to be positioned so some part of the opening is a minimum of 1750mm above floor level.

Door and windows to either meet the recommendations of 'Secured by Design' (ACPO, 2009), or be tested and certified by a notified body to security standard PAS 24: 2007 for doorsets & BS 7950:1997 for windows, or be designed & constructed in accordance with BS 7412: 2007 (for PVCu windows), BS EN 1935: 2002 (for hinges), and a single-point locking device to BS 3621: 2007 or BS 8621: 2007 (multi-point locking device) with any lock cylinder in accordance with BS EN 1303: 2005, grade 5 key security and grade 2 attack resistance as a minimum.

The fixing of doors and windows to be in accordance with section 8 of BS 8213-4: 2007, or as per manufacturer's written instructions where these meet or exceed this standard.

Electrical:

Electrical installations to be fitted where shown, and to be designed, constructed, installed and tested in accordance with current IEE standards and BS7671: 2008.

All electrical fixtures to be min 350mm from internal corners. Light switches to be 900-1100mm above FL, all other fixtures to be 400-1200mm above FL or 150mm above worktops.

All fixture faceplates to be approved with client.

Fire Detection:

Fire detector to be mains operated (with battery backup) on either an independent circuit, or protected local lighting circuit, and interconnected (either hard-wire or radio-linked) in accordance with BS5839: Part 6: 2004.

Detector to be fitted within the utility

Detector to be ceiling mounted and min 300mm away from walls and light fittings, and not directly above heaters and air conditioning or similar vents that may impair performance.

Optical smoke alarms to be fitted to BS EN 14604: 2005.

Other:

Men's shed

- Space heating via electric panel radiators.
- Ceiling fully filled with mineral wool insulation

Men's shed 'workshop':

- Frost protection via electric panel radiators.

1. Window between 'men's shed' and 'workshop' to achieve 1hr fire rating. Units u-value minimum 1.6W/m²K.
2. Contrasting nosing strip (profile RN311 by www.gradusworld.com or similar) fitted to steps to BS8300:2009+A1:2010. Colour to visually contrast floor finish

Sanitary Provision:

Existing:

Average 30 persons daily		[Recreation hall can hold up to 200 persons at any one time]
Male	4WC, 5WHB, 8Urinal	(Can accommodate over 250 persons)
Female	5WC, 5WHB	(Can accommodate up to 100 persons)
Accessible 1unisex		(Can accommodate up to 20 persons)

Proposed Additional:
Average 12 persons daily

Existing sanitary provisions can accommodate proposed conversion

Drawing Revisions:

Rev.	Date	Notes
A	25/07/2016	Amended following BC comments
B	22/08/2016	Amended following BC comments

British Legion
Ramsay Road
Banchory

Formation of Men's Shed

British Legion

Warrant

Date : February 2016
Scale : As Shown @ A1
Drawn : AR

Drawing No.
2015-066/W01 B

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