

rooflight
glazing to have
Class 0 classification
minimum opening area 0.5m²

operating handle in
base of the sash for
ease of use
(as window is at high
level a telescopic control rod
will be supplied with the window)

ROOF:
natural slates on
Roofshield breather membrane on
existing traditional sarking boards
100mm thick Quinn ThermRoof QR between rafters
55mm QuinnThermRoof QR to underside of rafters
joints to be taped
25x50 timber branders fixed thru' Insulation to rafters acting as service void
12.5mm plasterboard fixed to branders with
all joints taped and filled

rooflight
glazing to have
Class 0 classification

Velux Vertical Element = MK35
Flashings = MK08
see product brochure for further information

WALL 3: TIMBER FRAME WALL
 Upgrade to external lining cladding wall
 HardiePlank Cladding nailed thru to 50x38 vertical battens @ 400c/c
 battens fixed thru to sarking boards to studs
 Roofshield breather membrane to
 Treated sarking boards on
 150x50mm C16 studs @ 400c/c
 100mm thick Qulntherm insulation board between studs
 30mm thick continuous QulnTherm insulation board over studs
 2 sheets 15mm fireboard for future fixings
 2 sheets 15mm Fireline board to give 1 hr fire resistance
 skim coat of plaster
**NO SERVICES TO BE LOCATED ON THIS WALL UNLESS
 THE FOLLOWING ADDITIONAL CONSTRUCTION USED**
 26X5056w frame, as service void, fixed through to plywood/studs
 2 sheets 15mm Fireline board to give 1 hr fire resistance
 skim coat of plaster

New cladding manufactured by James Hardie to have fire rating of A2-s1-d0

work to be removed indicated with
broken red line

new work indicated with yellow colour fill

existing walls indicated with grey colour fill

MORNINGSIDE LIBRARY

Bedroom

Living Room

Under stair finish
13mm deep resilient bar @ 400c/c for fixing
12.5mm plasterboard with 15mm **FireLine** board over
plaster finish or all joints to be taped and filled
minimum 100mm thick absorbant layer of
mineral wool with density between 10-60 kg/m3
laid between joists
above to give 60mins. fire resistance

22mm t&g chipboard on
200x45 FJ1 joists @ 400c/c
19mm Gyproc plank on
Gypropane SIF floor channel over timber joists
13mm deep resilient bar @ 400c/c for fixing
12.5mm plasterboard with 15mm Ffrelaine board over
plaster finish or all joints to be taped and filled
minimum 100mm thick absorbent layer of
mineral wool with density between 10-60 kg/m3
laid between joists
above to give 60mins. fire resistance

stair: 15 risers
riser: 170mm max.
going: 250mm min.
handrail at 900mm above pitch line
min. clear stair width 1000mm

Floating Floor
22mm t&g chipboard on
85mm thick Quinn Therm QF on
existing 150mm thick concrete floor on
existing dm

new timber window
1290w x 1200h
inward opening casement

cavity barrier giving 30 minutes fire resistance

DPC 150mm above ground level
ventilation thru' combination starter strip

SECTION A-A

A number line from 0 to 2 with a scale of metres. The line is divided into 10 equal segments, each representing 0.1 metres. The first segment is shaded light blue, and the second segment is shaded light green.

A	19.01.21	LW	External safety barrier added to bedroom velux, see (23)01 for barrier fixing details. DPC moved to 150mm above G/L
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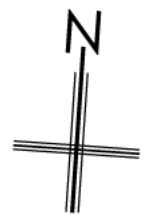
rev	date	by	-
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susan stephen architects

project	19078 12 Springvalley Gardens, Edinburgh		
client	Mr D J Stephen		
drawing	SECTION A-A		
dwg no.	BW(21)01	revision	A
scale	1 : 25 @ A3	drawn	DT/SG

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do not scale from this drawing
all dimensions to be checked on site.
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Certificate Number	387206	Schedule 1 Form	No
Project Reference	307033/DWS		
Project Location	12 Springvalley Gardens Edinburgh		
Building Warrant Number Place	N/A	Contains Conversion Work	Yes

Warrant Dated: 26/01/21

Certificate of Design (Building Structures)

Structural Engineers Registration Ltd

Project Information

Project Description	Proposed conversion of store to two storey residential unit.		
Project Risk Group	RG2A		

Part A: Certification Declaration

I certify that, having exercised reasonable skill, care and diligence in consideration of the design proposal for the project described in the application:

- For a new building
 - The structural design complies with the Building (Scotland) Regulations 2004 (as amended) with respect to Standards 1.1 and 1.2 of Schedule 5 to Regulation 9 (see note 2)
- For an alteration and/or extension
 - The structural design complies with the Building (Scotland) Regulations 2004 (as amended) with respect to Standards 1.1 and 1.2 of Schedule 5 to Regulation 9 (see note 2)
 - The overall stability of the existing building, once completed, will not be impaired as a direct result of the alteration and/or extension
- For a conversion
 - The building, when converted in accordance with the warrant application, will comply with the requirements applicable to structure contained within Regulation 12 of the Building (Scotland) Regulations 2004 (as amended) (see note 2)
 - An assessment of the condition of the existing building has been undertaken
- Where this certificate relates to an application for a stage, the design of this stage is consistent with the design of any previously certified stages
- I am registered by the Scottish Government Building Standards Division as competent to certify the design of such work.

Note 1: This certificate has been issued in support of an application for building warrant under the Building (Scotland) Act 2003 only and must not be used or relied upon for any other purposes including under any contract to which the Certifier is not a party.

Note 2: This certificate must relate to the building regulations in force at the date the building warrant application is made.

Note 3: This certificate relates solely to the design of the building (or the design up to the stage of construction to which the certificate relates) and does not certify any aspects of construction.

Note 4: Any structural details which have yet to be designed in detail and for which a performance specification has been supplied with the building warrant application are listed in Schedule 1 accompanying this certificate.