

**EAST ELEVATION**

1:100

**NORTH ELEVATION**

1:100

**WEST ELEVATION**

1:100

**BUILDING (SCOTLAND) ACT 2003**

This plan has been approved by

The Moray Council in terms of the

**Building Warrant**

Ref No: 21/00815/BW

Dated: 15 December 2021

**NOTE**

DRAWING IS BASED ON GP WAYPOINT DESIGN DRAWINGS ISSUED TO RAMSAY AND CHALMERS ON 03.11.2021.  
DRAWING MUST BE READ IN CONJUNCTION WITH ALL PROJECT NOTES & PERFORMANCE SPECIFICATIONS, AS WELL AS ALL ARCHITECTS AND SERVICES ENGINEERS INFORMATION.

**FIRE PROTECTION**

PLASTERBOARD AND INTUMESCENT PAINT TYPICALLY SPECIFIED AS FIRE PROTECTION FOR STRUCTURAL ELEMENTS. REFER TO ARCHITECT FOR CONFIRMATION OF FIRE PROTECTION DETAILS.

**GLAZED BALUSTRADE**

CONTRACTOR DETAILED PROTECTIVE BARRIER WITH GLAZED INFILL PANELS. TO BE MIN. 900 mm HIGH FROM FFL. PER BS 6180.  
MIN. 48.3x5.0 CHS POSTS AT MAX. 1200 mm CRS WITH 48.3x5.0 CHS HANDRAIL. 10 mm THICK POST BASEPLATES FIXED TO GIRDER TRUSS WITH MIN. 2No. 100 mm LONG M12 COACH SCREWS EACH.  
GLAZED INFILL PANELS TO BE MIN. 8 mm THICK THERMALLY TOUGHENED SAFETY GLASS, FIXED TO POSTS WITH 4No. M10 Gr.8 BOLTS THROUGH 6 mm THICK STEEL 'TABS' WITH 6 mm THICK x Ø 50 mm WASHERS. Ø 20 mm CLEARANCE HOLE IN GLASS FILLED WITH 2-3 mm THICK NYLON (OR EQUIVALENT) INCOMPRESSIBLE BUSH. INCOMPRESSIBLE FIBRE GASKETS MAX. 1 mm THICK BETWEEN ALL STEEL AND GLASS.

**TIMBER OPEN TREAD STAIR**

CONTRACTOR DETAILED OPEN TREAD STAIR. 45x250 mm C16 TIMBER STRINGER WITH 35x225 mm C16 TIMBER TREADS. BALUSTRADE TO MEET REQUIREMENTS OF BS 5395.

**FOUNDATION LEGEND**

**STRIP FOUNDATIONS**  
(S1) DENOTES LOCATION OF 600 mm WIDE x 200 mm DEEP STRIP FOUNDATION WITH 1No. LAYER A252 MESH BOTTOM.

**NEW FOUNDATIONS TO EXISTING FOUNDATIONS**  
(S2) NEW FOUNDATIONS TIED TO EXISTING USING H12 DOWEL BARS, 600mm LONG, 200mm INTO EXISTING.

**NOTES**

PROVIDE A MINIMUM OF 450mm FROST COVER TO TOP OF FOUNDATIONS.  
FOUNDATIONS TAKEN DOWN INTO NATURAL BEARING GROUND CAPABLE OF PROVIDING A MINIMUM SAFE BEARING PRESSURE ≥ 100 kN/m<sup>2</sup>.  
ALL CONCRETE TO BE GRADE RC28/35.  
ALL REINFORCEMENT TO HAVE 50 mm COVER.

**FLOOR SLAB LEGEND**

**GROUND BEARING SLAB**  
(GBS1) DENOTES SPAN AND SPECIFICATION OF GROUND BEARING SLAB (REFER TO DETAIL).

**NOTE**

ALL FLOOR SLABS TO BE ON A DPM ON 50 mm SAND BLINDING, ON MIN. 150 mm WELL COMPACTED TYPE 1 HARDWARE. DPM AND ANY INSULATION TO ARCHITECT'S SPECIFICATION.

**MASONRY LEGEND**

**BLOCKWORK**  
(B1) DENOTES 7N BLOCKWORK CONSTRUCTION.  
(B2) DENOTES RANDOM COURSEWORK NATURAL SANDSTONE STONEMWORK CONSTRUCTION.  
(B3) DENOTES EXISTING STRUCTURE TO BE RETAINED.

**NEW MASONRY TO EXISTING MASONRY**  
(B4) NEW MASONRY FIXED TO EXISTING WITH CATNIC SWC WALL STARTER SYSTEM, OR EQUIVALENT.

**MASONRY LINTELS**

(R1) DENOTES LOCATION AND SPECIFICATION OF CONCRETE LINTEL.  
(R2) DENOTES LOCATION AND SPECIFICATION OF CONCRETE LINTEL.

REF.	SPECIFICATION
(R1)	ROBESLEE TYPE C (100x145mm)
(CN71A)	CATNIC CN71A EXTERNAL SOLID WALL LINTEL.

**NOTES**  
ALL LINTELS TO HAVE A MINIMUM 150mm END BEARING EACH SIDE.  
ALL LINTELS TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

**PADSTONES**

(PS1) DENOTES LOCATION OF CONCRETE PADSTONE.  
(PS2) DENOTES LOCATION OF CONCRETE PADSTONE.  
(PS3) DENOTES LOCATION OF CONCRETE PADSTONE.

REF.	SPECIFICATION
(PS1)	440mm LONG x 140mm WIDE x 215mm DEEP, C28/35 GRADE PRECAST OR MASS CONCRETE PADSTONE.

**TIMBER LEGEND**

**LINTELS & BEAMS**  
(T220) DENOTES LOCATION AND SPECIFICATION OF TIMBER LINTEL/BEAM.

REF.	SPECIFICATION
(S90360[G])	1No. 60x360 mm GL28h GLULAM TIMBER BEAM.

**STEEL LEGEND**

**PROPOSED STEELWORK**  
(B1) DENOTES LOCATION AND TYPE OF STEEL BEAM.  
(C1) DENOTES LOCATION AND TYPE OF STEEL COLUMN.

REF.	SECTION SIZE	STEEL GRADE
(C1)	120x120x8.0 SHS	S355/J2

REF.	SECTION SIZE	STEEL GRADE
(B1)	203x133x25 UB	S355JR
(B2)	120x120x8.0 SHS	S355/J2

REF.	SECTION SIZE	STEEL GRADE
(B1)	203x133x25 UB	S355JR
(B2)	120x120x8.0 SHS	S355/J2

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(B1)	203x133x25 UB	S355JR
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(B1)	203x133x25 UB	S355JR
(B2)	120x120x8.0 SHS	S355/J2

**ROOF STRUCTURE LEGEND**

(RT) DENOTES SPAN OF CONTRACTOR DESIGNED ROOF TRUSSES (REFER TO PERFORMANCE SPECIFICATION AND TYPICAL ROOF BRACING).  
(GT) DENOTES LOCATION OF CONTRACTOR DESIGNED ROOF GIRDER TRUSS.  
(R1) DENOTES LOCATION OF CONTRACTOR DESIGNED OVERLAY TRUSSES.  
(R2) DENOTES SPAN DIRECTION AND SPECIFICATION OF TIMBER RAFTERS.  
(TRIMMER) DENOTES LOCATION OF DOUBLE TIMBER RAFTER OR TIMBER TRIMMER.

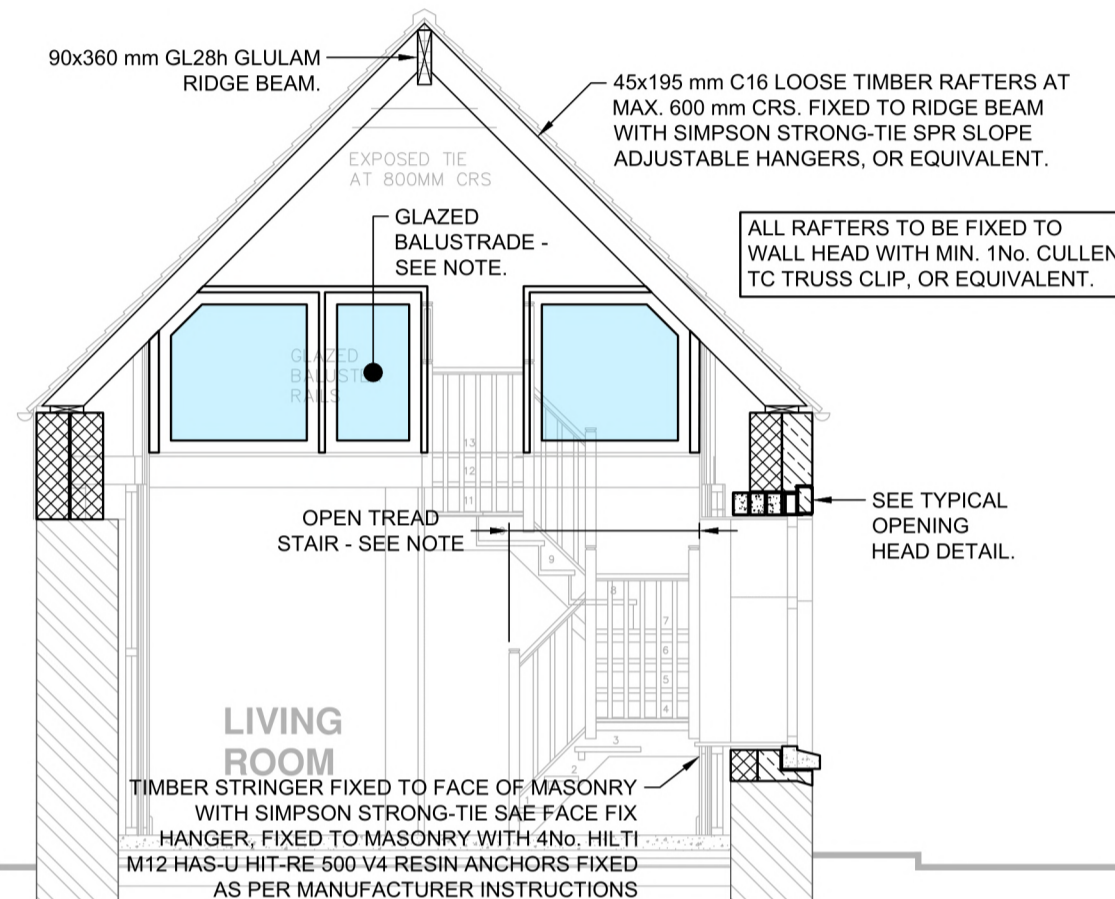
REF.	SPECIFICATION
(R1)	45x195mm C16 LOOSE TIMBER RAFTERS AT 600mm CRS.
(R2)	45x220mm C16 LOOSE TIMBER RAFTERS AT 600mm CRS.

REF.	SPECIFICATION
(R1)	45x195mm C16 LOOSE TIMBER RAFTERS AT 600mm CRS.
(R2)	45x220mm C16 LOOSE TIMBER RAFTERS AT 600mm CRS.

**INFORMATION REQUIRED**

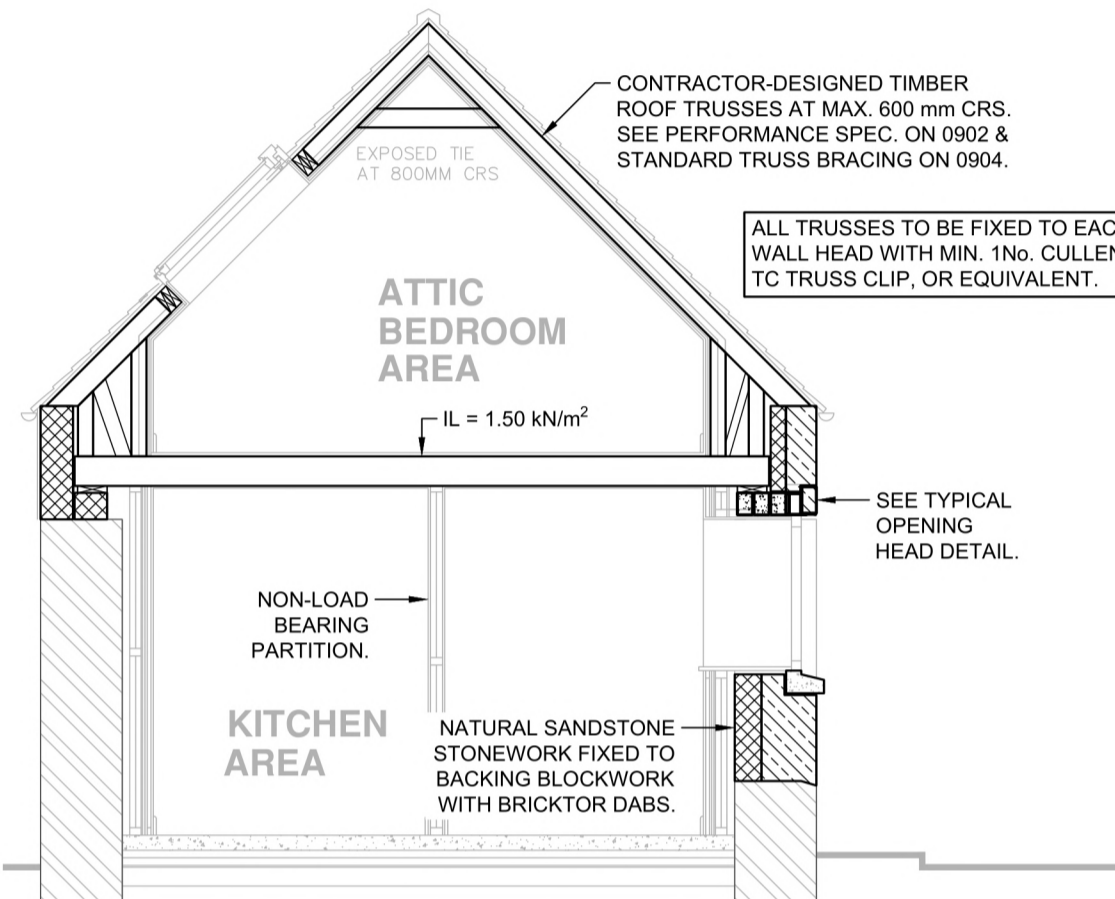
RAMSAY AND CHALMERS REQUIRE TO REVIEW THE DRAWINGS AND CALCULATIONS, AND HAVE RECEIPT OF THE DESIGN CERTIFICATE, PRIOR TO FABRICATION. PLEASE REFER TO PERFORMANCE SPECIFICATION DRAWING FOR DETAILS.

1) TRUSSED RAFTER ROOFS.  
THIS INFORMATION IS REQUIRED TO ALLOW THE 'FORM C', CORRESPONDING TO THE APPLICABLE SER CERTIFICATE, TO BE SIGNED OFF BY THE SER CERTIFIER.



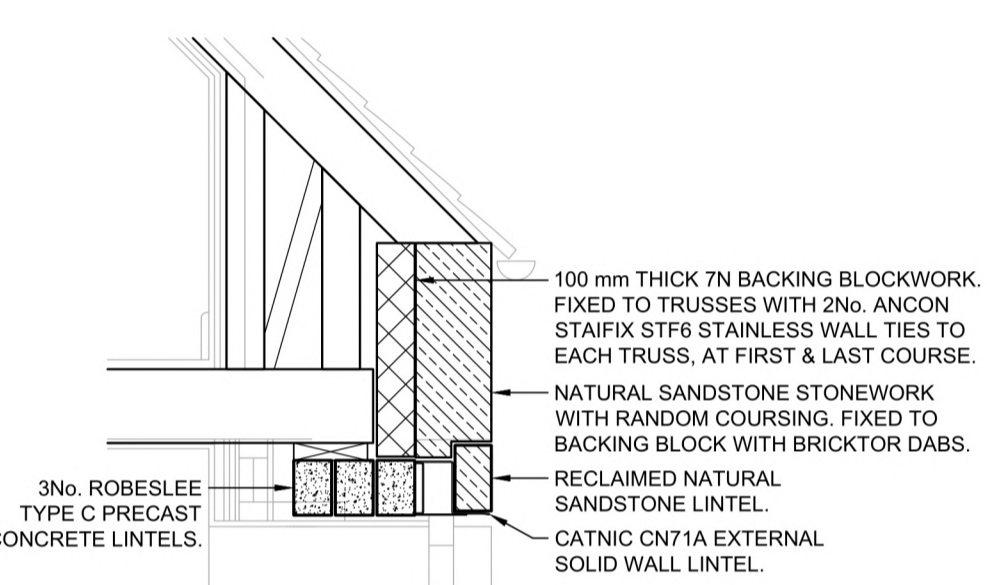
**SECTION A-A**

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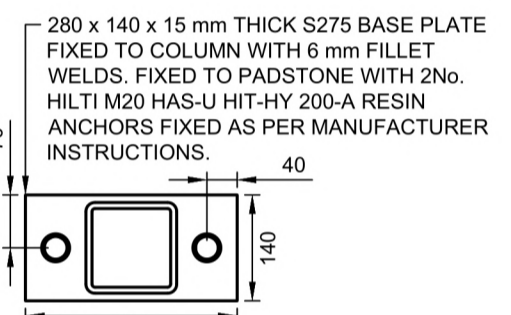
**SECTION B-B**

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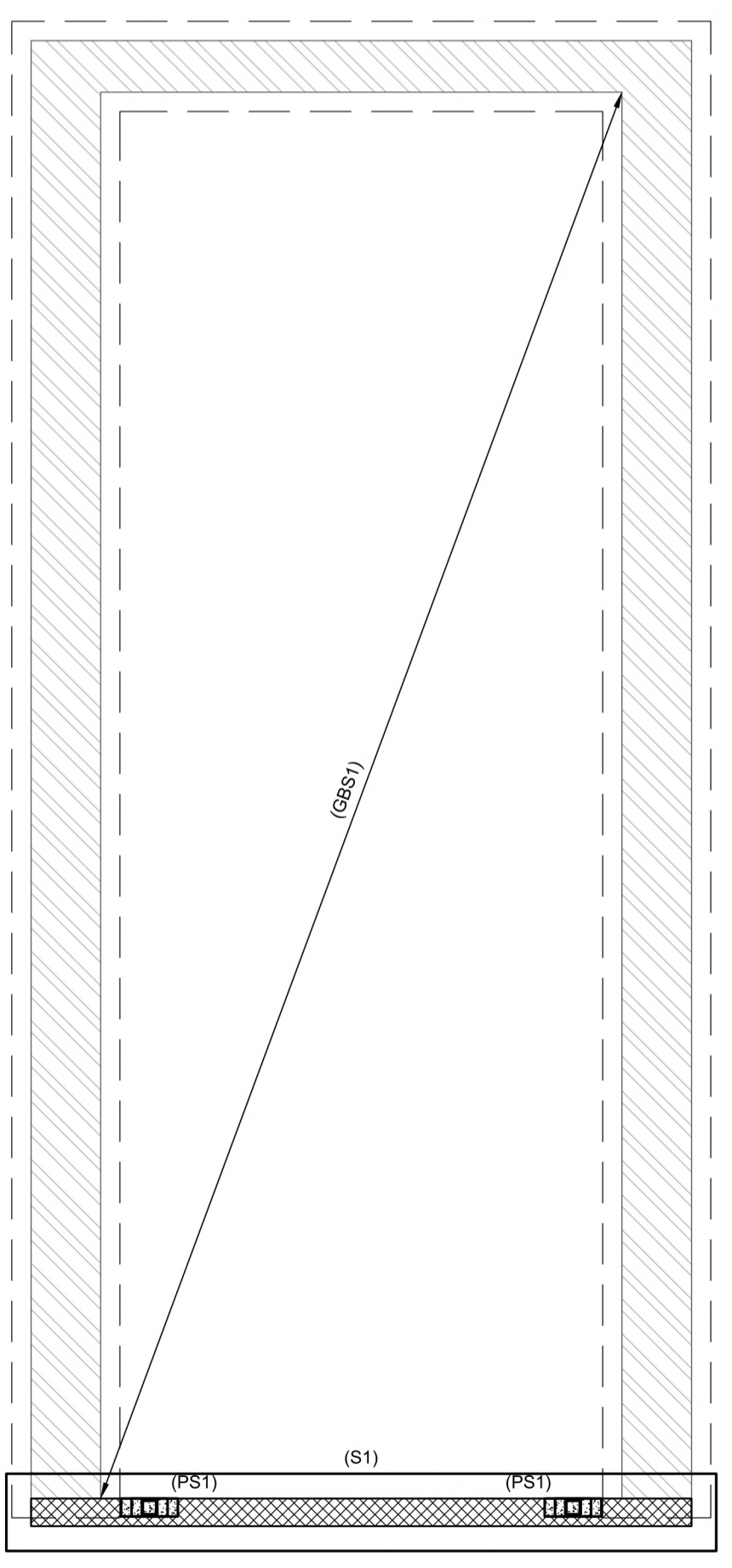
**TYPICAL OPENING HEAD**

1:20



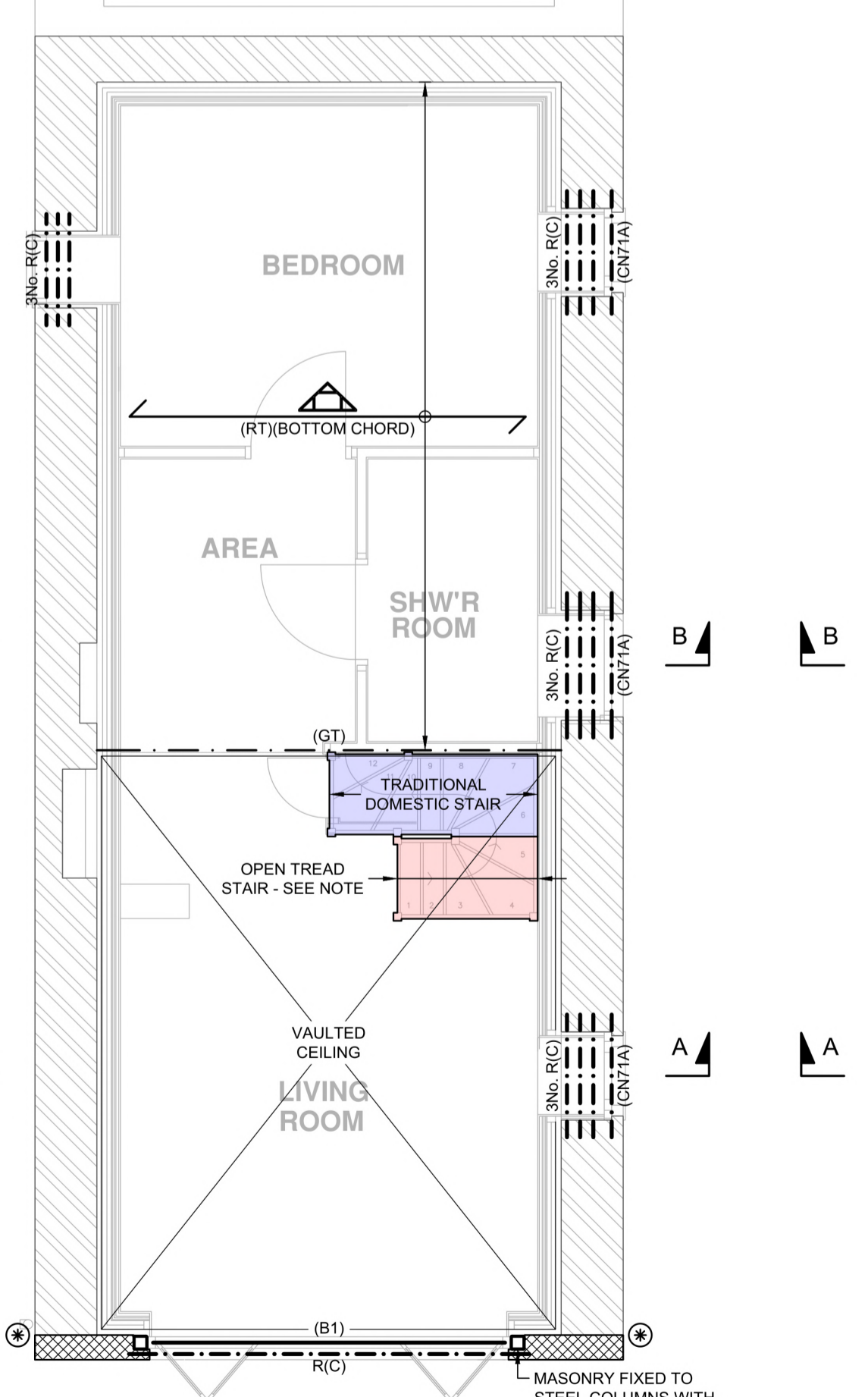
**C1 BASEPLATE**

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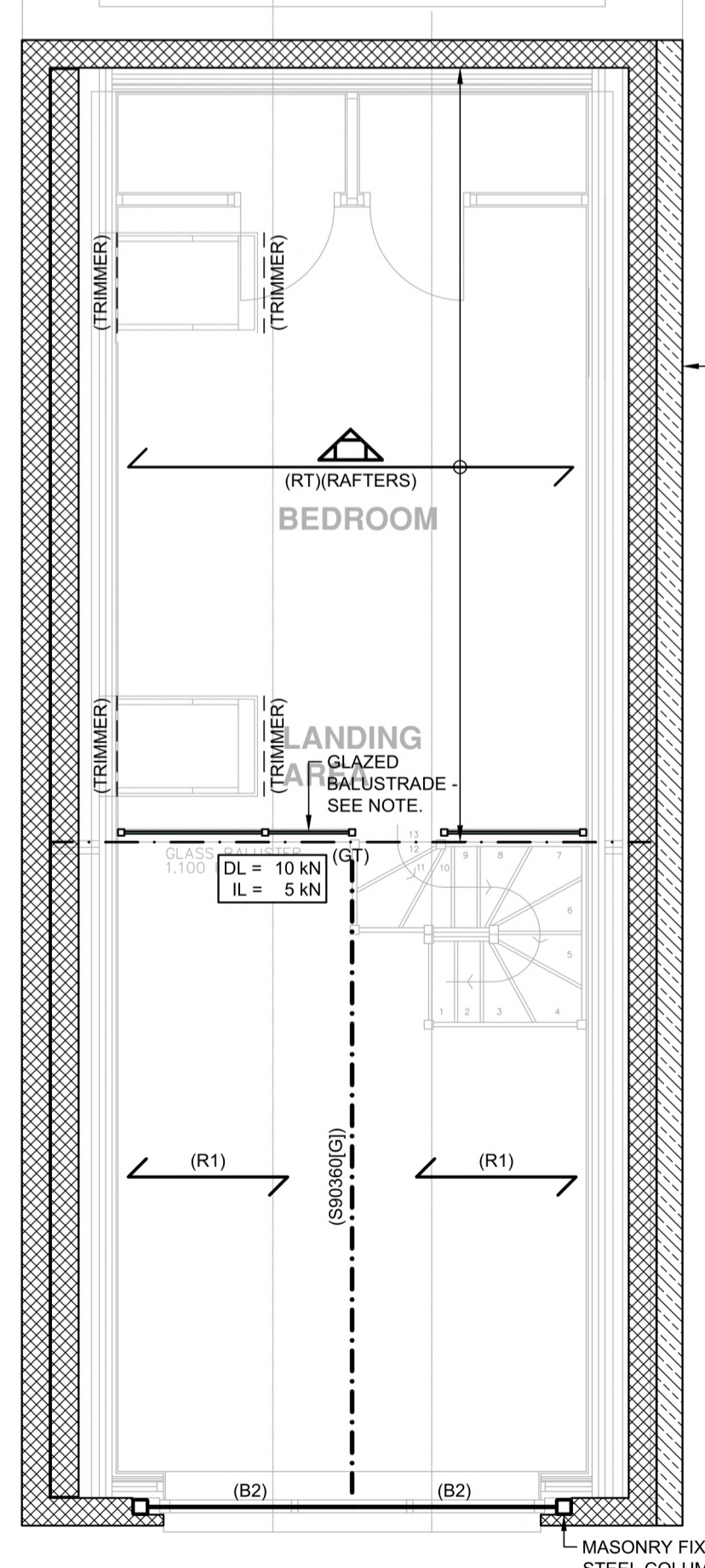
**FOUNDATION & GROUND SLAB LAYOUT**

1:50



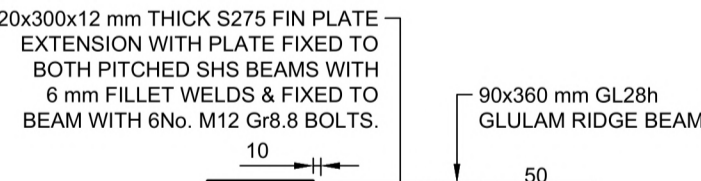
**FIRST FLOOR LAYOUT**

1:50



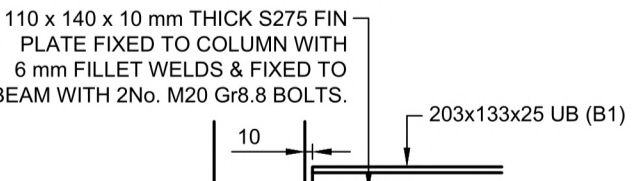
**ROOF LAYOUT**

1:50



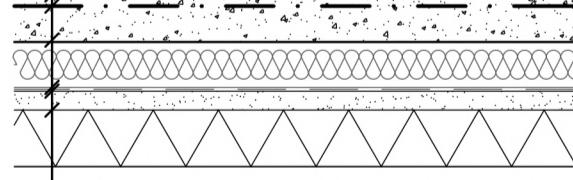
**RIDGE CONNECTION**

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**B1-C1 CONNECTION**

1:10



**GROUND BEARING SLAB SPECIFICATION**

1:20

**SER**  
Structural Engineers Registration Ltd

Certificate Number	361327
Approved Certifier Name	E F Scott
Registration Number	SER1-DB-01159
Approved Body Number	SER1-DB-0248

**NOT FOR CONSTRUCTION**

**GENERAL NOTES:-**

THE CONTRACTOR MUST CONSULT THE CIVIL/STRUCTURAL DESIGN ENGINEER IMMEDIATELY IF:

- GROUND CONDITIONS VARY ON SITE.
- EXISTING BUILDINGS VARY ON SITE.
- DIMENSIONS OR LEVELS SHOWN ARE CHANGED BY ANYONE ON SITE.
- COMPLETE OR PARTIALLY COMPLETE STRUCTURES ARE TO BE SUBJECT TO CONSTRUCTION LOADING OR AFFECTED BY TEMPORARY WORKS.

DO NOT SCALE - IF IN DOUBT, ASK.

LARGE SCALE DETAILS TAKE PRECEDENCE OVER SMALL SCALE DETAILS.

ALL MATERIALS ARE TO BE USED STRICTLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS INVOLVED IN CHANGES OR MODIFICATIONS REQUESTED AND APPROVED, TO SUIT HIS PREFERRED WORK METHOD.

ALL NECESSARY METHOD STATEMENTS MUST BE PROVIDED PRIOR TO COMMENCEMENT OF ASSOCIATED SITE OPERATIONS.

THIS DRAWING SHOULD ONLY BE USED FOR CONSTRUCTION PURPOSES WHEN THE ISSUE STATUS IS "FOR CONSTRUCTION".

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

ALL LEVELS ARE IN METERS UNLESS OTHERWISE STATED.

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Rev.	By	App.	Description	Date
A	DGB	GI	INITIAL ISSUE FOR BUILDING WARRANT APPROVAL	02.12.2021

Project  
**GARAGE CONVERSION AT 24 GREAT EASTERN ROAD, PORTESSIE, BUCKIE**

Drawing Title  
**GENERAL ARRANGEMENT**

Architect  
**GP WAYPOINT DESIGN**

Drawing ID  
**XXX-RAC-ZZ-XX-DR-S-0300-A**

Job No.	Scale	Issue Status
C6002	AS SHOWN - A1	FOR BUILDING WARRANT APPROVAL

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