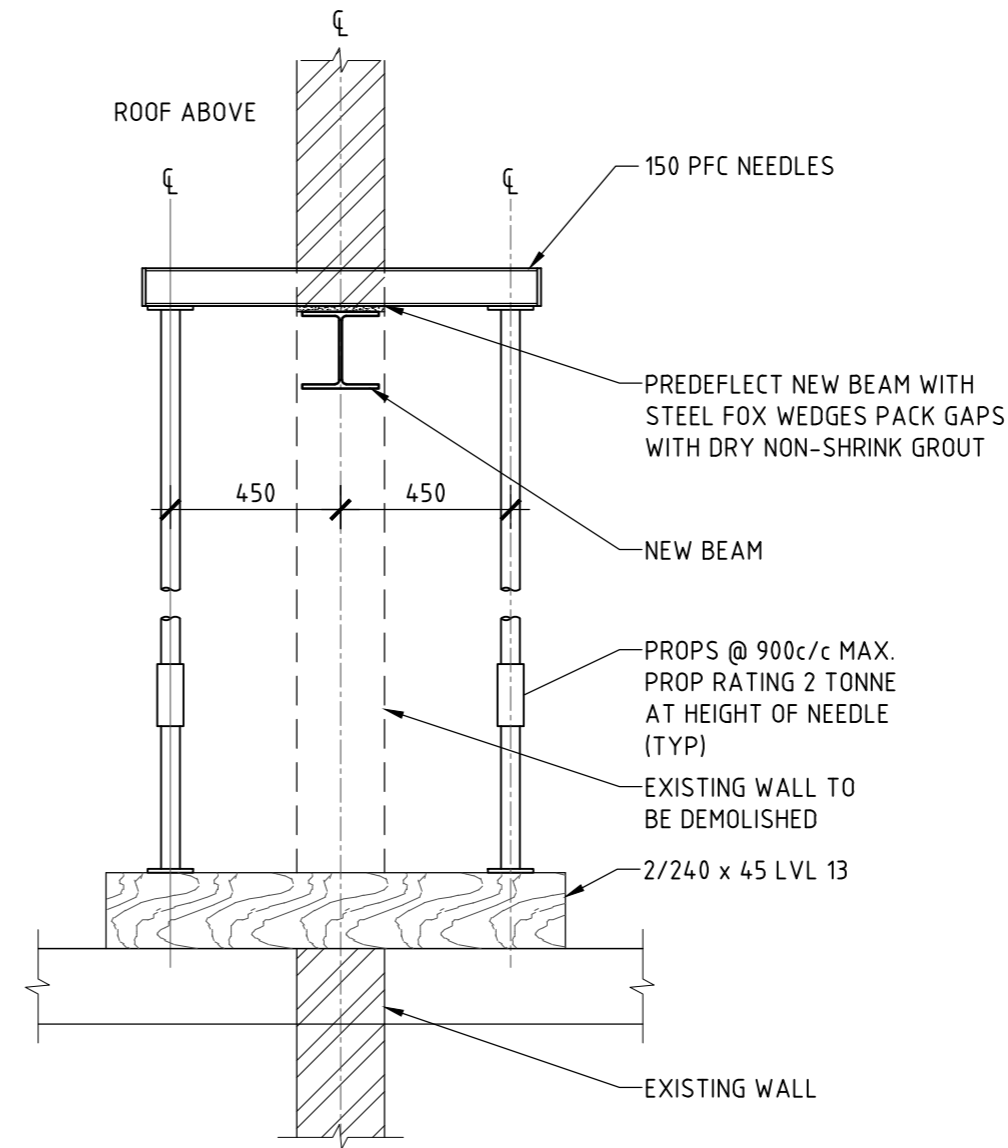


GROUND FLOOR PLAN

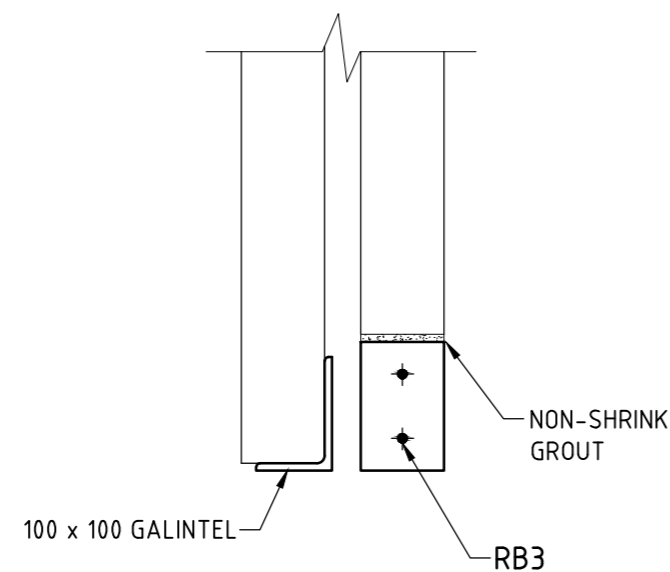
SCALE 1:100
SHOWING NEW ROOF BEAMS & LINTELS OVER

NOTE: BUILDER TO CONFIRM NO STRUTS ARE LANDING ON RB1 OR RB2 PRIOR TO COMMENCEMENT OF CONSTRUCTION



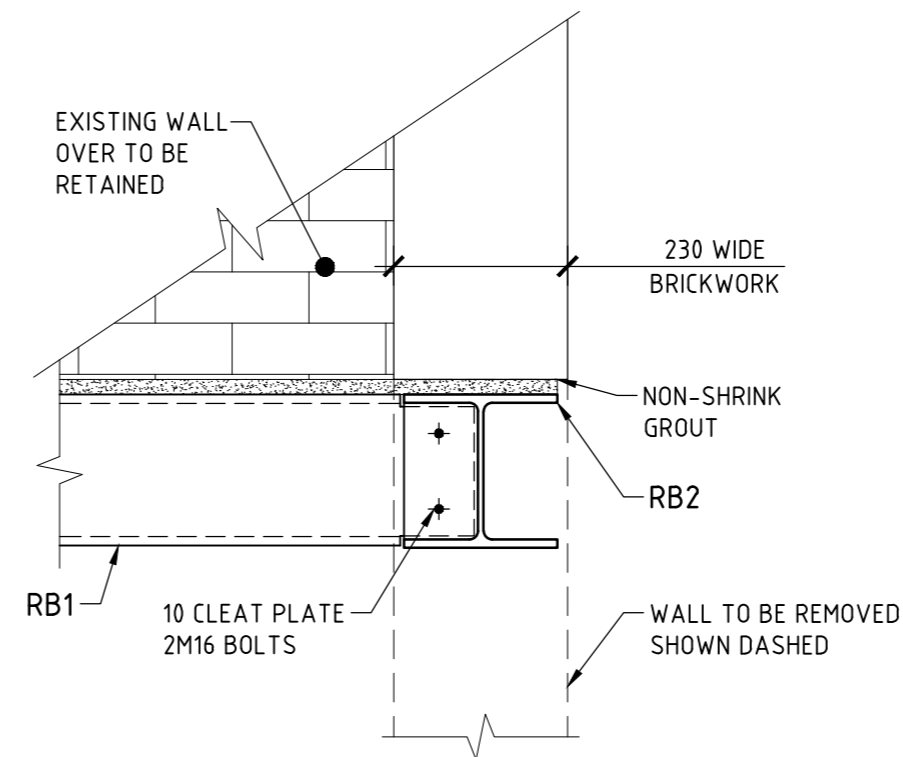
NEEDLING DETAIL

SCALE 1:20



DETAIL A

SCALE 1:10



DETAIL B

SCALE 1:10

MEMBER SCHEDULE

ROOF BEAMS

- RB1.....110 x 170 PRE-STRESSED ULTRALINTEL.
OR.....200 PFC.
- RB2.....200UC46.
- RB3.....110 x 170 PRE-STRESSED ULTRALINTEL.

NOTES:

1. DESIGN WIND CLASSIFICATION = N2
2. ALL EXPOSED STEEL MEMBERS, FITTINGS AND FASTENERS TO BE HOT-DIP GALVANISED.
3. ALL STEEL BEAMS IN CONTACT WITH EXTERNAL BRICKWORK TO BE SEPARATED FROM BRICKWORK WITH ALCORE OR BEAMS TO BE HOT-DIP GALVANISED. SIMILARLY TIMBER BEAMS IN CONTACT WITH EXTERNAL BRICKWORK TO BE SEPARATED WITH ALCORE OR BEAMS TO BE PRESERVATIVE TREATED.
4. PROVIDE 150 END BEARING TO ALL BEAMS SUPPORTED ON BRICKWORK UNLESS OTHERWISE NOTED.
5. PROVIDE WALL BRACING, ROOF BRACING AND TIE-DOWN IN ACCORDANCE WITH AS1684.2-2010 RESIDENTIAL TIMBER FRAME CONSTRUCTION.

BEAM INSTALLATION PROCEDURE:

1. PROVIDE TEMPORARY PROPS AS NECESSARY TO SUPPORT REMAINING BRICKWORK OVER.
2. POSITION & INSTALL RB2
3. POSITION & INSTALL RB1
4. INSTALL NON-SHRINK GROUT AND ALLOW TO CURE FOR 24 HOURS.
5. CONTACT SUPERVISING ENGINEER TO INSPECT PRIOR TO INSTALLATION OF FIRE PROTECTION AND REMOVAL OF TEMPORARY PROPS.
6. REMOVE TEMPORARY PROPS.
7. INSTALL FIRE PROTECTION TO BEAM TO B.C.A. REQUIREMENTS

LINTELS FOR BRICKWORK

NON LOAD BEARING BRICKWORK

SPAN	LINTEL
UP TO 1.0m	87 WIDE GALINTEL FLAT
UP TO 2.4m	100 x 100 GALINTEL ANGLE
UP TO 3.6m	150 x 100 GALINTEL ANGLE
UP TO 4.0m	150 x 100 x 10 TRADITIONAL ANGLE

- PROP LINTEL DURING CONSTRUCTION.
- LINTELS INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS & STANDARD BUILDING PRACTICE.

ISSUE DATE	REVISION

TITLE
**STRUCTURAL DETAILS – WALL REMOVALS
2/12 TURIMETTA STREET, MONA VALE**

DRAWN: JBP
ENGINEER: RB
DATE: 27 SEPTEMBER 2024
CHECKED: [Signature]
SCALE: © A2
1:100
1:10

BE Civil (Hons) MIE Aust.



DRAWING NO
STRUCT-1



NORTHERN SYDNEY
Seascope
Suite 7 22-27 Fisher Rd
Dee Why NSW 2099

BLUE MOUNTAINS
Shop 1
274 Macquarie Rd
Springwood NSW 2777

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CONSULTING ENGINEERS
Civil
Structural
Stormwater & Flood

4 October 2024

Principal Certifying Authority
Emailed to: jacksoncranfield@gmail.com

Certificate Title: **Wall Removal Certificate**

Address of the Project: **2/12 Turimetta Street, Mona Vale**

Description of Project: **Wall Removals**

This is to certify the above unit was inspected on 27 September 2024 for the purpose of assessing the feasibility of removing the section of internal brick wall shown on the attached plan and designing the beam support over the wall to be removed.

The beams have been designed in accordance with relevant SAA codes and the Building Code of Australia and structural details are shown on the attached plan STRUCT-1.

It is considered that the removal of the walls and the installation of the beams will have no adverse effect on the structural integrity of the building providing the work is undertaken in accordance with the requirements of the attached plan STRUCT-1.

This certification shall not be construed as relieving any other party of their responsibilities or contractual obligation.

Yours faithfully
TAYLORCONSULTING.NET.AU

D.M.Schaefer - Director
B.E Civil (Hons) M.I.E. Aust. N.E.R.

