

HOUSE EXTENSION 4 PROSPECT TERRACE MT EDEN

STRUCTURAL DRAWING LIST

Job No A20257

		DATE
REVISION NO:		1
DWG No:	TITLE	
S.00	SPECIFICATION	1
S3.01	DETAILS	1



1.0 GENERAL

- 1.1 All drawings to be read in conjunction with all relevant Architect's (design), services, Structural Engineer's and Specialist's drawings and specifications.
- 1.2 All Work shall comply with the relevant clauses of the New Zealand Building Code, best practice and relevant New Zealand Standards and Codes of practice.
- 1.3 The Contractor shall verify all dimensions on site and compare with Architectural drawings before commencing work or making shop drawings.
- 1.4 Do Not Scale from any drawings. Use figured dimensions only. If in doubt ask.
- 1.5 The Contractor shall be responsible for verifying all dimensions on site and ensuring that all dimensions and levels shown on the drawings are correct and consistent with other relevant drawings. Any discrepancies are to be reported immediately to the Engineer
- 1.6 If at any time prior to Practical Completion, the Contractor should become aware of any signs of distress, excessive settlement or deflection, conflict of components or any other indications whatsoever of actual or potential damage to the Contract Works or any part thereof, they shall forthwith notify the Engineer, and confirm such notice in writing as soon as is practicable.
- 1.7 Materials and components to be appropriate for intended use.
- 1.8 The Contractor shall design temporary propping works and be able to provide a Producer Statement (PS1-design) if requested.
- 1.9 The protection and durability requirements of steel, timber, concrete and masonry materials shall comply with Section 4 NZS 3604:2011. Please refer to Architectural plans and specifications for further details.
- 1.10 All weather tightness details are to be specified by others and are especially excluded from structural details.

- 2.2 A minimum of 48 hours notice shall be provided to the Engineer before an inspection is required.
- 2.3 Failure to have the structural work inspected may result in Richards Consulting Engineers Limited not able to issue a PS4 or destructive testing to expose hidden structural elements.

3.0 EXCAVATIONS AND FOUNDATIONS

- 3.1 All organic material shall be stripped from under the foundations. All soft spots to be fully excavated and backfilled as per Engineers direction.
- 3.2 Assumed geotechnical ultimate bearing capacity of 300kPa unless noted otherwise. If the recommended founding stratum is not encountered at the foundation level, the Engineer is to be informed before work proceeds in that area.
- 3.3 The Contractor shall manage the effects of ground water. Temporary dewatering may be required. The effects of dewatering on adjoining properties should be considered and managed.
- 3.4 The Engineer shall inspect the excavations before any hardfill or boxing is formed.

4.0 CARPENTRY

- 4.1 Timber shall be treated as set out in NZS 3602:2003 – Timber and Wood-based Products for use in Buildings.
- 4.2 Where fixing to timber, bolts shall have a 50x50x3mm washer at each end unless specified otherwise.

2.0 INSPECTIONS

- 2.1 To verify the works have been constructed as per the design the following inspections:

Structural Element	Construction monitoring method
Pile footing excavation and confirm bearing capacity	Richards Consulting Engineers
New roof beam and connections inspection	Richards Consulting Engineers

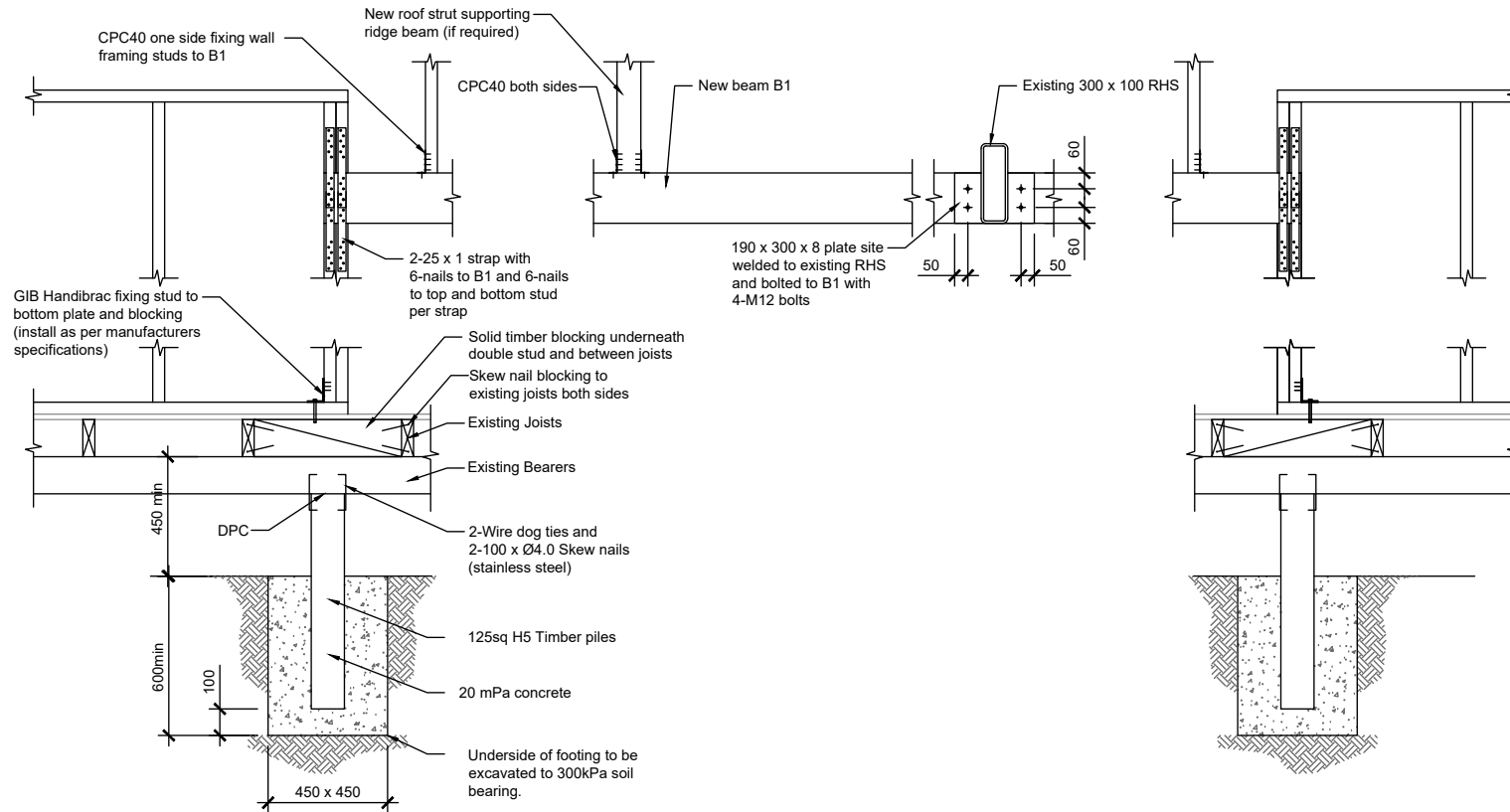


02 Nov 2020
BCO10316379

APPROVED
BUILDING CONSENT PLANS

KEY

B1 2-190 x 45 SG8 (H1.2)



101 ROOF BEAM B1 DETAIL
SCALE 1:20


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THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS

REV NO.	REVISION	DATE	APPROVED
1.	CONSENT ISSUE	SEP 2020	NB

PROJECT NO.	A20257	DESIGNED	EN
SCALE @ A3		DRAWN	BB
REV NO.	1	SHEET NO.	S3.01