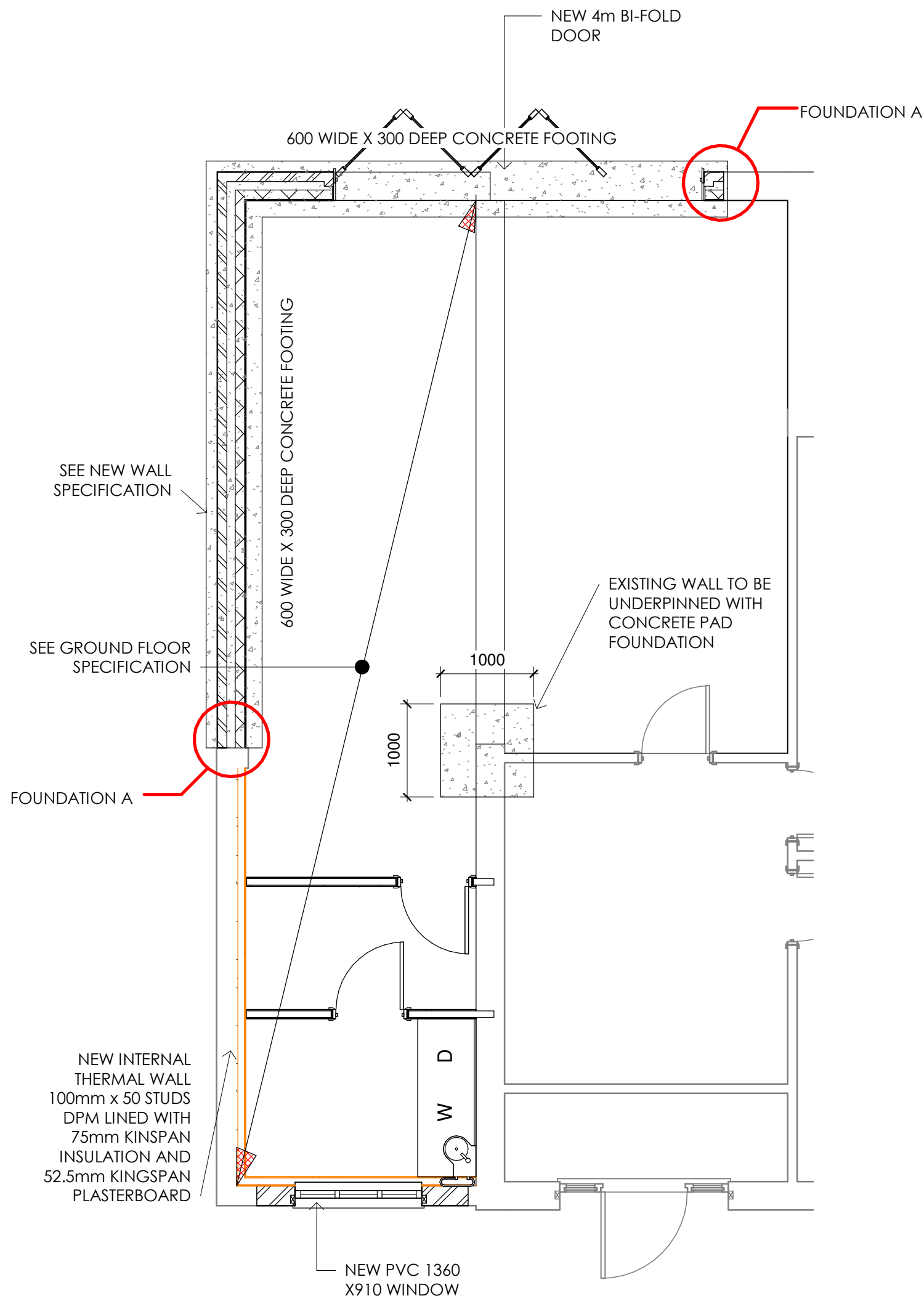
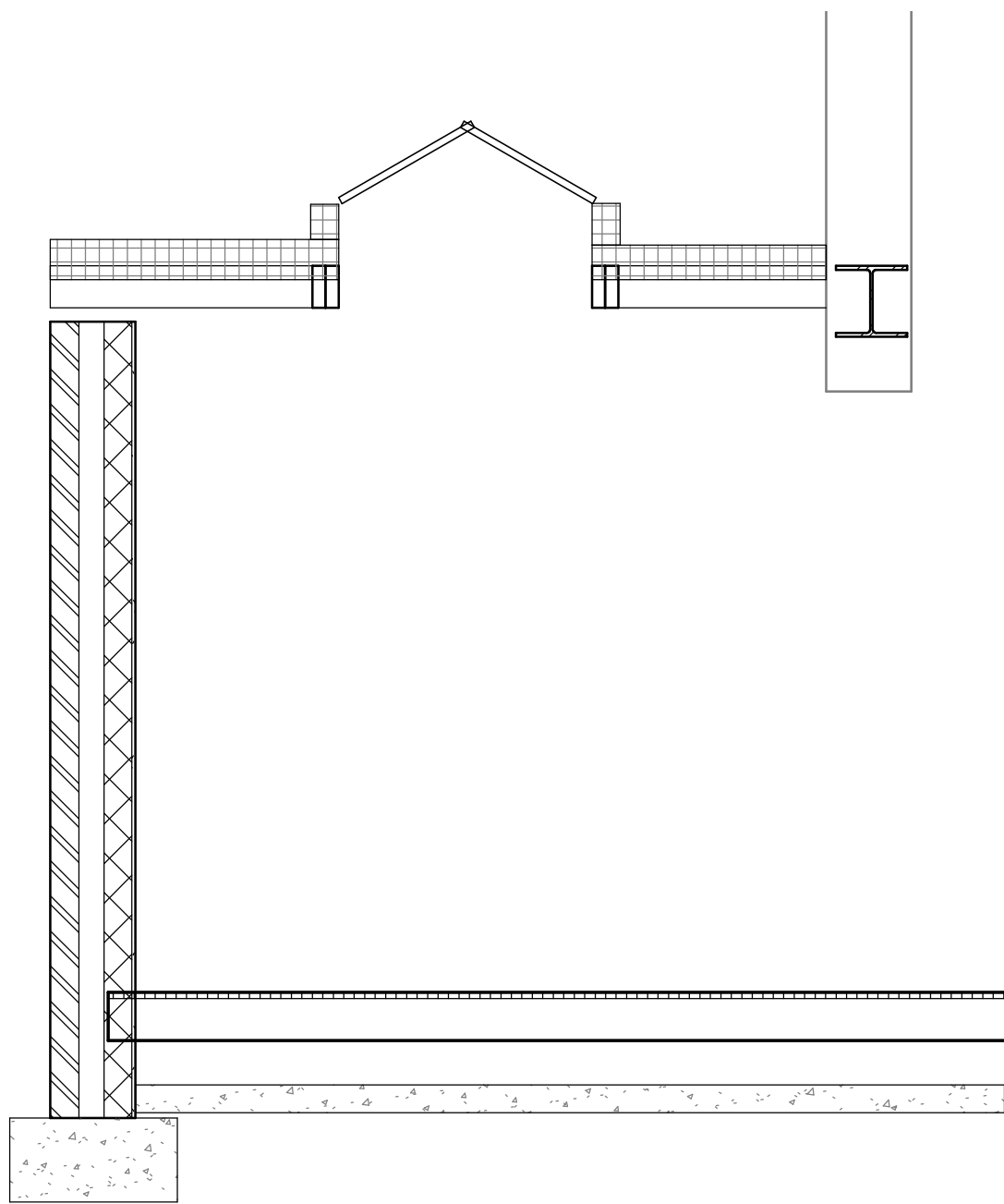
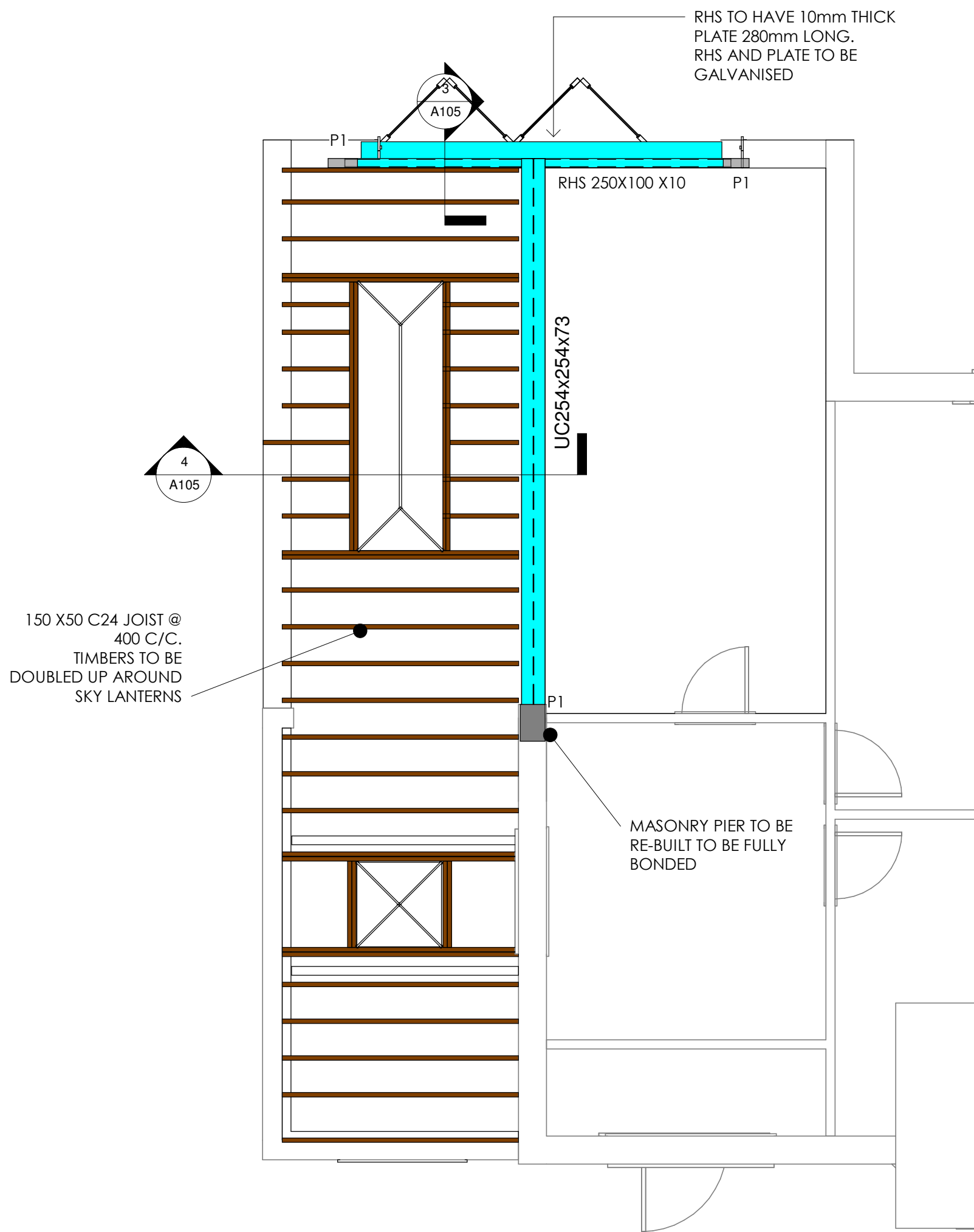




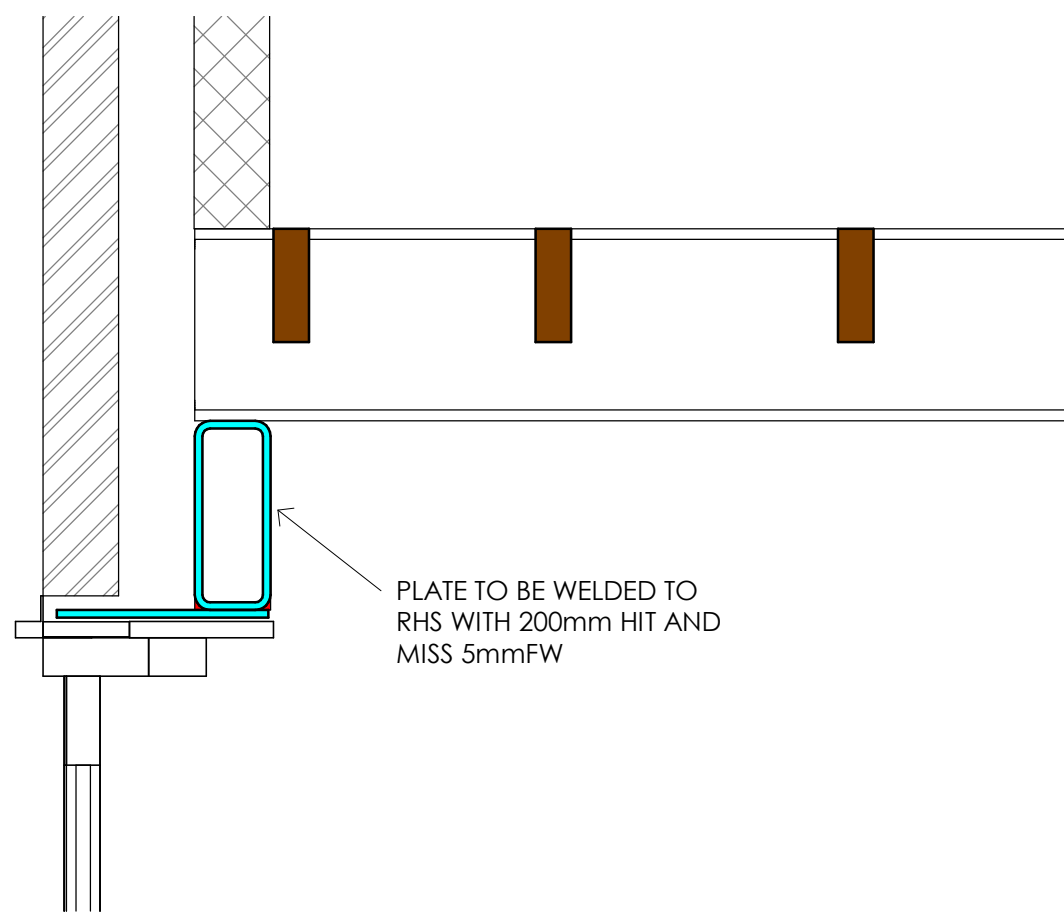
1 PROPOSED SUB STRUCTURE PLAN
1 : 50



4 Section 3
1 : 25



2 PROPOSED ROOF STRUCTURE AND STEELWORK
1 : 50



3 Section 2
1 : 10

Traditional Foundation Notes:-

- 1) Foundations have been designed assuming a net allowable bearing pressure of 100 kN/m² and shall bear onto clay Strata Formation to be agreed with the Engineer and Local Authority before construction commences.
- 2) The Engineer is to be informed immediately if foundation depths substantially exceed the minimum depths indicated upon the drawings.
- 3) All obstructions, old foundations, disused sewer etc shall be removed for the extent of the foundation works and backfilled to the approval of the Engineer.
- 4) All strip footings/trenchfill footings are to be set out symmetrically about centre lines of supported walls unless noted otherwise. For setting out of masonry see Architects drawings.
- 5) Top of foundation level to be -0.45below FFL unless noted otherwise.
- 6) The following concrete mixes are to be used in accordance with BS8500 :-

Location	Mix Reference	Detail
	C25/30	
The above concrete mixes have been selected for BRE Special Digest 1.		

General Notes

1. Do not scale off these drawings. Work to stated dimensions only.
2. All dimensions are in millimetres unless noted otherwise.
3. These drawings should be read in conjunction with all other relevant drawings, specifications, schedules and other information including all other consultants drawings.
4. The contractor is responsible for the temporary stability of all structures including the ground during the works and is to undertake the necessary temporary works designs as required.

Existing Structure

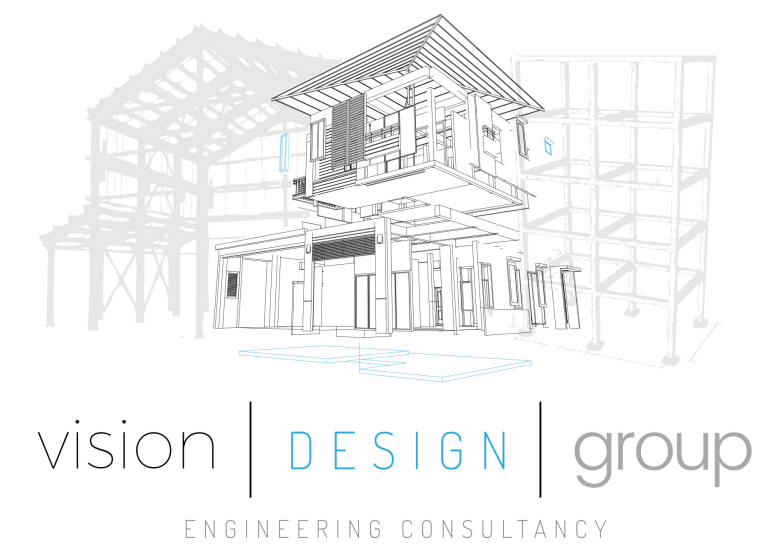
1. Where existing internal and external walls are to be used to support new steel beams, confirm condition of masonry on site. If existing masonry walls are not suitable, rebuild as directed by the BCO.
2. Where necessary, expose and inspect foundations in conjunction with BCO to establish the suitability of existing foundations to receive revised structural loads and arrangement.

Lintels

1. All lintels to be installed as per manufacturers recommendations and with a minimum end bearing of 150mm.

Key Notes

1. ALL STEELWORK TO BE S355
2. P1-440mmLONG X 215mmDEEP X 100mmWIDE



Rev	Description	Date
1	FIRST ISSUE	22/09/22
2	REVISED TO SUIT CLIENT COMMENTS	25/10/22

CODE I	SUITABILITY DESCRIPTION INITIAL ISSUE
STATUS S2	PURPOSE OF ISSUE INITIAL ISSUE

PROJECT 4 ELLESMERE ROAD SOUTH

TITLE BUILDING REGULATION PLANS
--

CLIENT		
K.TIDMAN		
DRAWN BY MW	CHECKED BY MW	DATE 20/09/22
SCALE (@ A1) As indicated	PROJECT NUMBER MCS2185	
DRAWING NUMBER A105		REV 2

Structural Steelwork Notes:-

- 1) In the absence of a project specific specification the base Specification for structural steelwork shall be BS EN 1993 Eurocode 3 'Design of Steel Structures' and the 'National Steelwork Specification' produced by the B.C.S.A.
- 2) Structural steelwork to be grade S355JR unless noted otherwise.
- 3) The minimum specification for bolts shall be 8.8 and zinc plated.
- 4) All steelwork below ground level to be encased with 100mm concrete (mix as for foundations) and with D49 wrapping fabric as directed by the Engineer.
- 5) Design of all temporary works, propping and bracing shall be the responsibility of the Steelwork Sub Contractor.
- 6) The Steelwork Sub Contractor shall not form any holes through steel members other than those for connections without the written approval of the Engineer.
- 7) Where dissimilar steels are to be connected a suitable isolating material shall be incorporated.
- 8) All steelwork receiving timber wall plates, bearers etc are to be predrilled with 12mm diameter holes at 450mm centres staggered (900mm pitch on line).
- 9) Unless otherwise noted in the project specific specification, protection treatment of steelwork shall be in accordance with British Steels 'Prevention of Corrosion of Structural Steelwork' appropriate system. A minimum structural life of 50 years and a first major maintenance of 15 years is to be assumed.