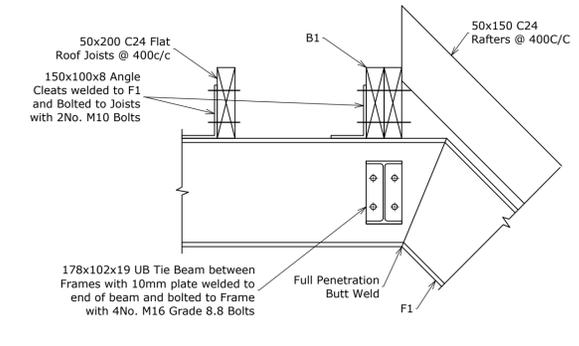


**Proposed Steel Layout**  
1:100

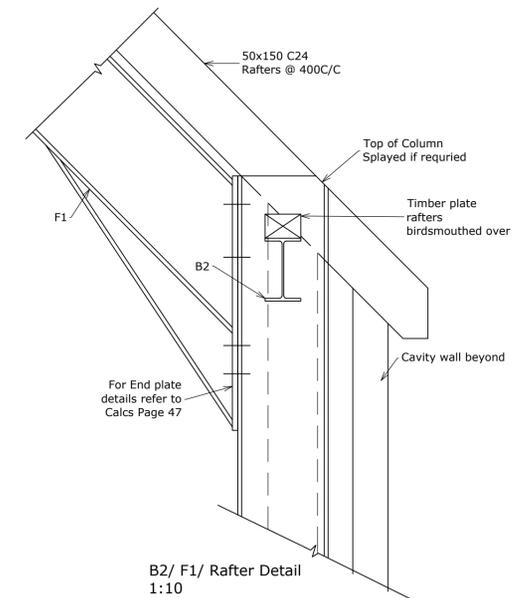
- MJ** INDICATES LOCATION OF MOVEMENT JOINT
- ← INDICATES DIRECTION OF SPAN OF 50x200 C24 FLAT ROOF JOISTS @ 400 C/C
- ↔ INDICATES DIRECTION OF SPAN OF 50x150 C24 RAFTERS @ 400 C/C
- [Hatched Box] INDICATES 215 BLOCK WALL, 7N BLOCKS
- [Dotted Box] INDICATES CAVITY WALL, 140mm INNER SKIN, 7N BLOCKS
- [31] INDICATES CALCULATIONS PAGE No FOR CONNECTION DETAIL

Steel Schedule	
B1	2No. 50x200 C24 Timbers bolted together with M12 bolts and washers @ max 600 C/C
B2	178x102x19 UB
B3	203x203x46 UC
B4	203x133x30 UB (With 6mm plate welded to bottom flange if required)
F1	Refer to SK-4/ Calculation sheets 29-47

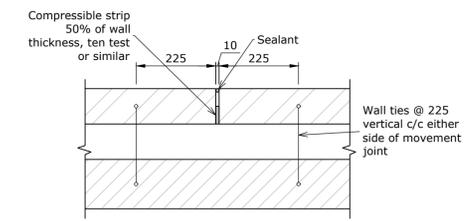
Lintel Schedule	
L1	IG L1/S Lintel WIL
L2	IG L1/S Lintel WIL
L3	IG I BEAM 2C



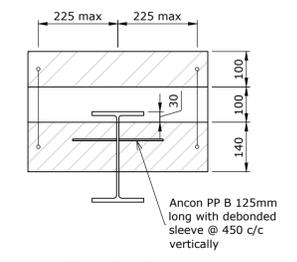
**B1/ F1/ Rafter/ Roof Joists Detail**  
1:10



**B2/ F1/ Rafter Detail**  
1:10



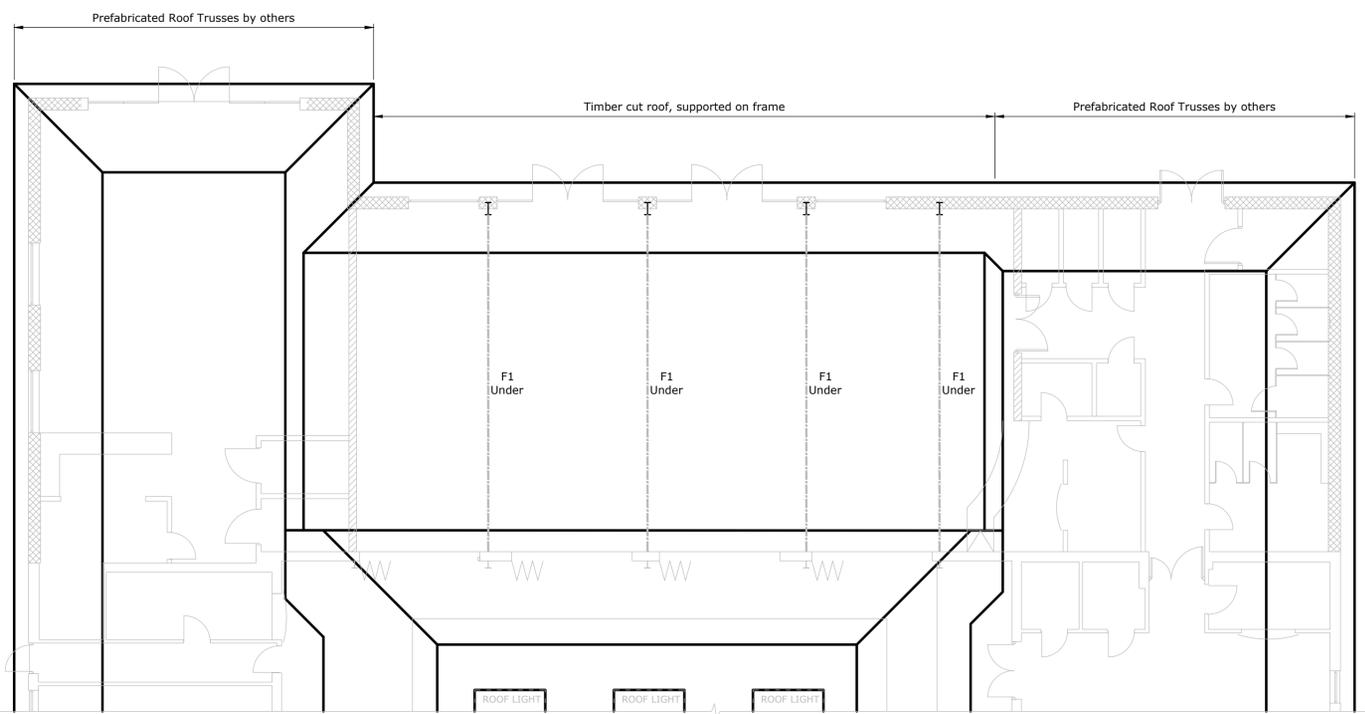
**Movement Joint Detail**  
1:10



**Wall Tie detail**  
1:10

**GENERAL NOTES**

1. THIS DRAWING IS THE COPYRIGHT OF THE COX CLIFFORD PARTNERSHIP AND MAY NOT BE REPRODUCED WITHOUT THEIR PRIOR PERMISSION.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SUB-CONTRACTORS AND THE COX CLIFFORD PARTNERSHIP DRAWINGS.
3. DETAILS OF EXISTING WORK ARE ASSUMED. THESE ARE TO BE CHECKED ON SITE BY THE MAIN CONTRACTOR AND ANY DISCREPANCIES REPORTED SO THAT ADJUSTMENTS MAY BE MADE TO THE STRUCTURAL SCHEME IF NECESSARY.
4. ALL DIMENSIONS IN mm. UNLESS NOTED OTHERWISE.
5. **DO NOT SCALE!** IF IN DOUBT, ASK.
6. ALL BOLTS TO BE GRADED 8.8 AND BRIGHT ZINC PLATED.
7. GROUND FLOOR BLOCKWORK WALLS TO BE CONSTRUCTED FROM 7.0N/mm<sup>2</sup> BLOCKS.
8. ALL STEELWORK TO BE DELIVERED TO SITE SHOT BLAST TO BS:4232 SECOND QUALITY AND PAINTED ONE COAT OF PREFABRICATION PRIMER 25 MICRONS MINIMUM DFT ONE COAT HIGH BUILD ZINC PHOSPHATE POST FABRICATION PRIMER MINIMUM 50 MICRONS DFT.
9. ALL STEELWORK TO BE GRADE S275 WITH MINIMUM BEARING AS INDICATED ON THE DRAWINGS.
10. STEEL PLATES ATTACHED TO BEAMS TO BE WELDED USING 6mm (150/150) INTERMITTENT FILLET WELD U.N.O.



**Proposed Roof Layout**  
1:100

A00	OCT 19	FB	Preliminary Issue
REV	DATE	BY	COMMENTS



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Title  
**Proposed Steel and Roof Layouts**

Job No. 10650

Scale 1:100@A1 Drawn FB

Dwg No. 002 Rev. A00 Chkd AW Date OCT 19