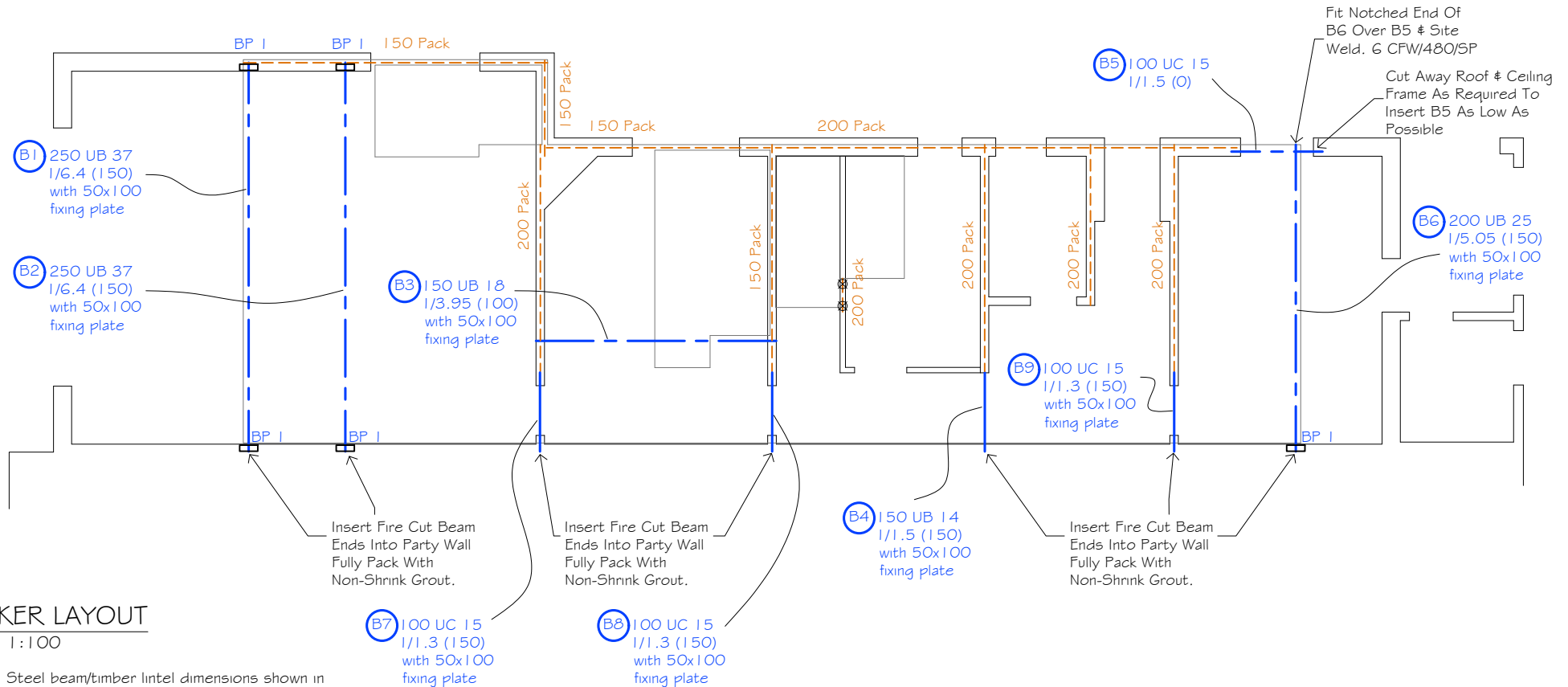


- \* Pack all steel beams onto walls with solid timber blocks to top plates. Strap down with Hoop Iron.
- \* Pack all beams onto packers & fix with batten screws or Hoop Iron strap.
- \* Solid pack all steel beams supported on masonry with Non-Shrink Grout.
- \* All site welds should be full perimeter welds.
- \* All site welds to be 6 CFW/480/5P.

⊗ Denotes Min. 3x 90x45 Studs In New Stud Wall. Bear Onto New 230x230 Brick Pier Built On 500sq. x 500deep Mass Concrete Footing Bearing On Firm, Uniform Natural Ground With A Loadbearing Capacity Of 300kPa.

BP 1 Denotes 300x100x16mm Bearing Plate



## PACKER LAYOUT

SCALE 1:100

- \* Note: Steel beam/timber lintel dimensions shown in brackets is the distance from top of existing ceiling joists to top of new steel beam.
- \* Provide 100x50 plate to top of steel beams to allow fixing of joists over. Fix with batten screws @900mm centres to top flange

FOR: MRS. L. KAWALSKY

FINAL CONSTRUCTION - 14.11.17

AMENDED - 17.10.17 MJB  
AMENDED - 13.10.17 MJB  
PREPARED - 16.09.17 MJB

SHEET: 1 OF 5

AT: 50 George Street, DOVER HEIGHTS. NSW. 2030.

JOB NO: 7848/17 D

Cape Cod  
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- [illegible]

SCALE 1:100

- \* Set down wet area joists 35mm and shower recess joists an additional 25mm
- \* SJ - Denotes tiling smart joists
- \* LVL - Denotes tiling smart lvl

FINAL CONSTRUCTION - 14.11.17

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AMENDED - 13.10.17	MJB
PREPARED - 16.09.17	MJB

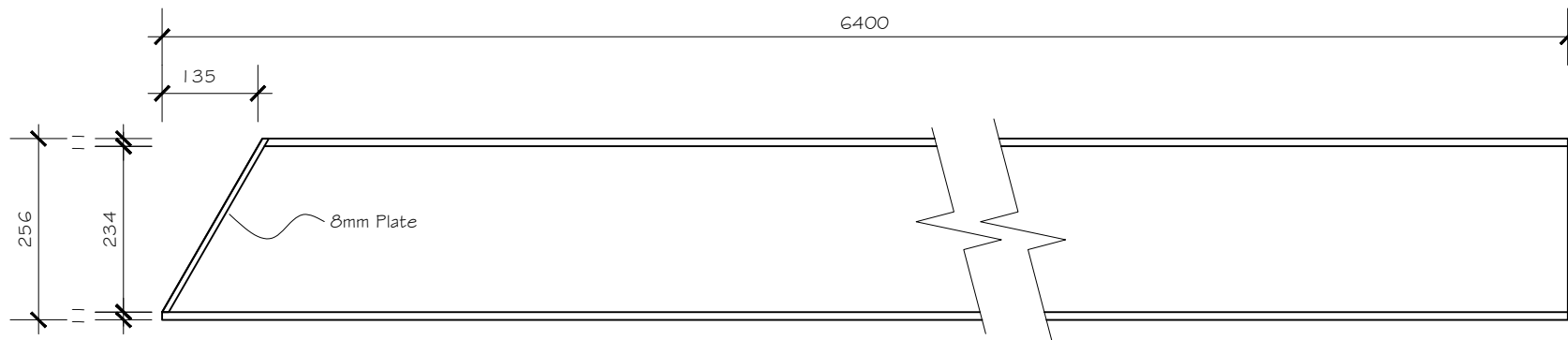
SHEET: 2 OF 5

AT: 50 George Street, DOVER HEIGHTS. NSW. 2030.

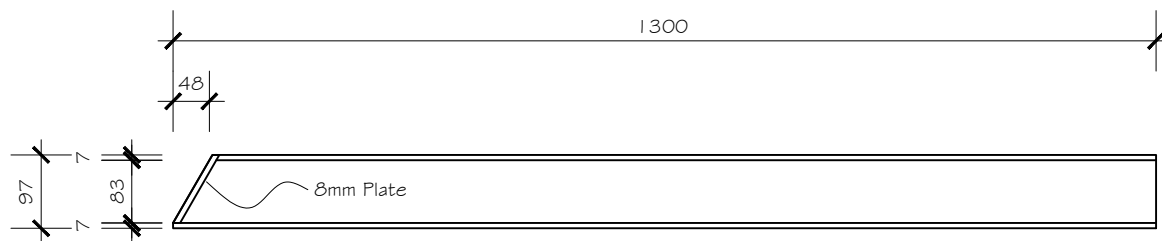
JOB NO: 7848/17 D



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BEAM 1 & BEAM 2 - 250 UB 37



BEAM 7, BEAM 8 & BEAM 9 - 100 UC 15

## STEEL DETAILS

SCALE 1:10

FOR: MRS. L. KAWALSKY

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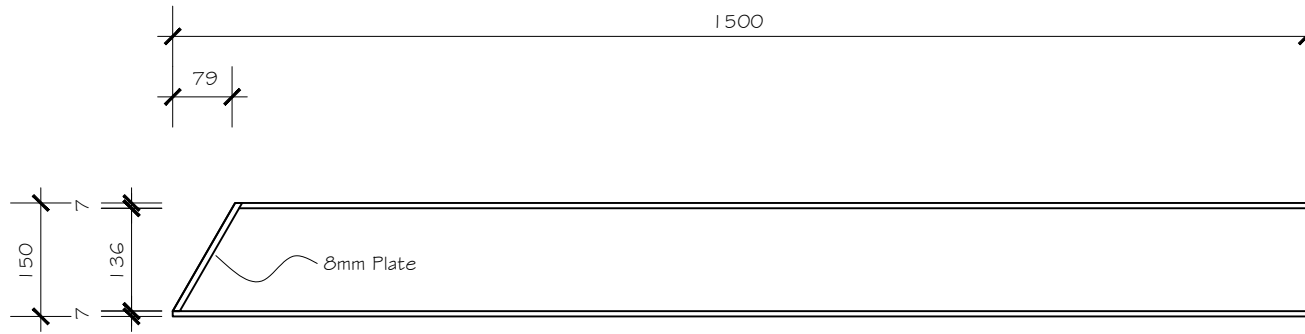
SHEET: 3 OF 5

AT: 50 George Street, DOVER HEIGHTS. NSW. 2030.

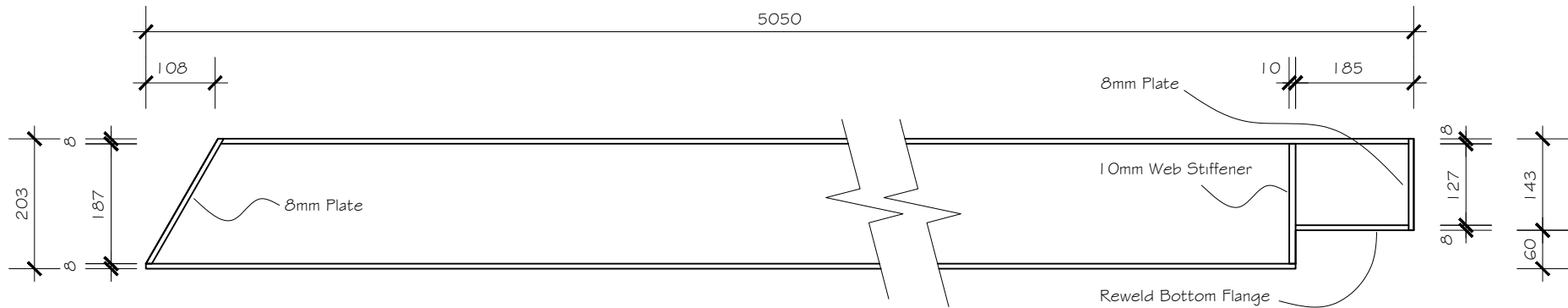
JOB NO: 7848/17

D

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BEAM 4 - 150 UB 14



BEAM 6 - 200 UB 25

## STEEL DETAILS

SCALE 1:10

FOR: MRS. L. KAWALSKY

FINAL CONSTRUCTION - 14.11.17

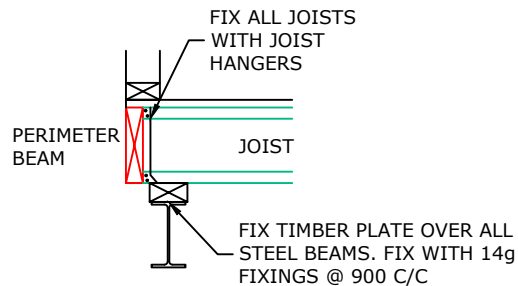
AMENDED - 17.10.17 MJB  
AMENDED - 13.10.17 MJB  
PREPARED - 16.09.17 MJB

SHEET: 4 OF 5

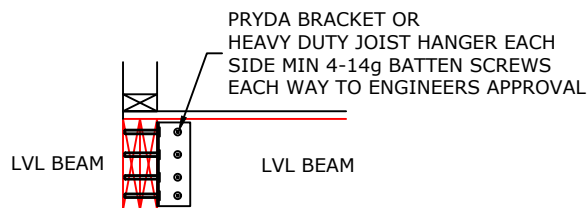
AT: 50 George Street, DOVER HEIGHTS. NSW. 2030.

JOB NO: 7848/17 D

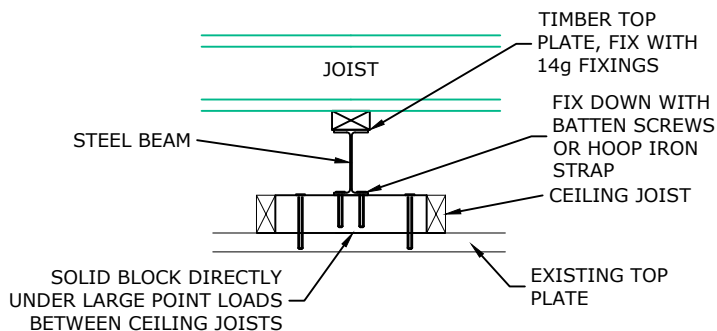
**Cape Cod**  
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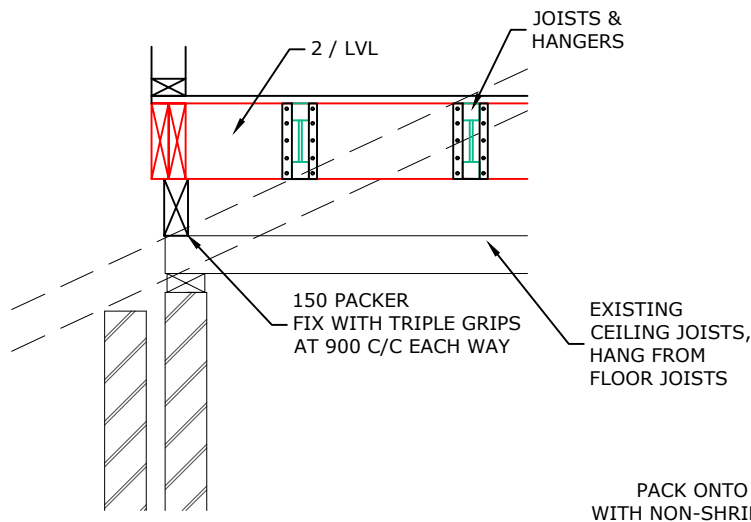
TYPICAL JOIST FRAMING DETAIL U.N.O 1:20



TYPICAL LVL BEAM JUNCTION DETAIL U.N.O 1:20



TYPICAL STEEL BEAM DETAIL 1:20



TYPICAL EXTERNAL WALL SECTION 1:20

### STEEL CONNECTION NOTE:

All structural steel bolt holes shall not exceed a diameter 2mm greater than that of the given bolt diameter. All column base plate bolt holes shall not exceed a diameter 6mm greater than that of the given bolt diameter. All base plate bolt holes exceeding 3mm but not more than 6mm greater in diameter than the given bolt will require a 4mm thick base plate washer to be installed. Elongated or protruded bolt holes are not approved.

The minimum pitch, or the distance between the centres of the bolt holes, in any given plate or cleat shall not be less than 2.5 times the diameter of the given bolt. The minimum edge distance from the centre of the bolt hole to the edge of the given plate or cleat for all standard bolt holes shall not be less than 1.5 times the diameter of the given bolt or 30mm, whichever is greater.

### DURABILITY NOTE:

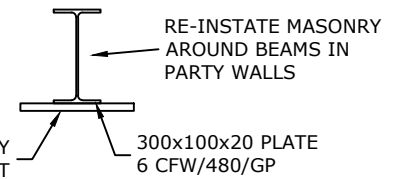
All LVL timbers shall be protected from the environment.

Steel beams and columns shall be protected from corrosion using paint protection or galvanising in accordance with Australian Standards.

If development is in a bushfire zone all exposed timber members shall be F17 grade hardwood.

If steel beams and posts are designated to be galvanised end plates, cap plates and base plates shall also be galvanised.

All nuts and bolts shall be galvanised or marine grade stainless steel.



300 BEARING PLATE DETAIL 1:20

### GENERAL NOTES

FOR: MRS. L. KAWALSKY

FINAL CONSTRUCTION - 14.11.17

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AMENDED - 13.10.17 MJB  
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SHEET: 5 OF 5

AT: 50 George Street, DOVER HEIGHTS. NSW. 2030.

JOB NO: 7848/17 D

**Cape Cod**  
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