

PACKER LAYOUT - FIRST FLOOR

SCALE 1:100

- * STEEL BEAM DIMENSIONS SHOWN IN BRACKETS ARE THE DISTANCE BETWEEN TOP OF NEW CEILING JOISTS AND TOP OF NEW STEEL BEAM
- * ALL BEAMS TO BEAR MIN. 200MM ON BRICKWORK (UNLESS NOTED OTHERWISE)
- * BEAM 3 TO PROTRUDE BELOW CEILING LEVEL
- * PROVIDE 90 X 90 SHS POSTS WHERE DENOTED P1 - P4
- * PROVIDE THE FOLLOWING TIMBER PLATES TO TOP OF STEEL BEAMS TO ALLOW FOR FIXING OF FLOOR JOISTS OVER - 90 X 35 TO B1, 90 X 70 TO B2 & 90 X 45 TO B4 & B5

FOR: DR T FOGG & DR N SHAW

AT: 13 CAIRO STREET, SOUTH COOGEE

FINAL CONSTRUCTION - 27.03.15

AMENDED - 16.03.15 SDS
AMENDED - 11.03.15 SDS
AMENDED - 05.03.15 SDS
AMENDED - 16.02.15 SDS
PREPARED - 19.12.14 SDS

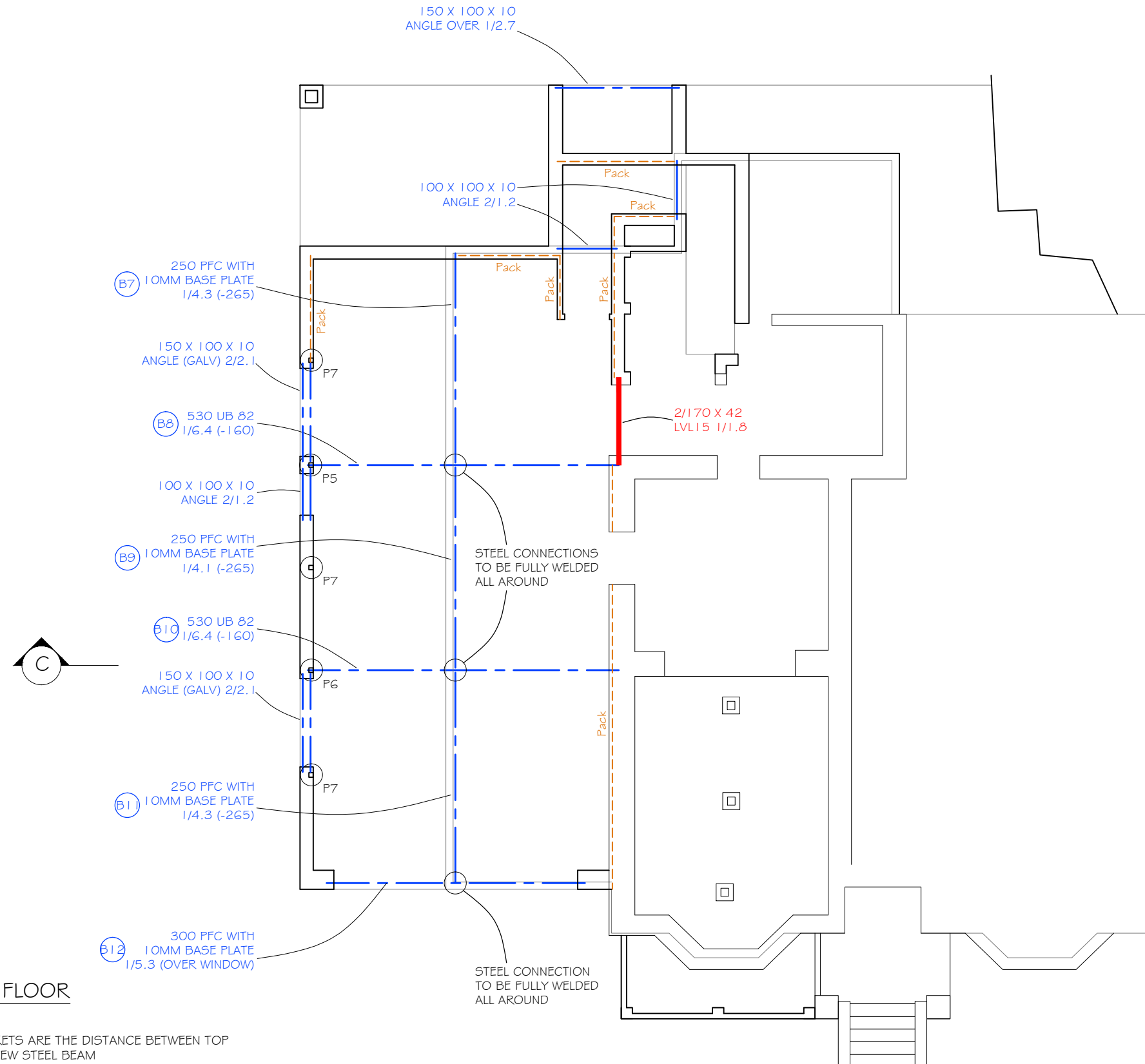
SHEET: 1 OF 14

JOB NO: 7531/14

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PACKER LAYOUT - GROUND FLOOR

SCALE 1:100

- * STEEL BEAM DIMENSIONS SHOWN IN BRACKETS ARE THE DISTANCE BETWEEN TOP OF GROUND FLOOR FLOORING AND TOP OF NEW STEEL BEAM
- * ALL BEAMS TO BEAR MIN. 200MM ON BRICKWORK (UNLESS NOTED OTHERWISE)
- * PROVIDE 90 X 90 SHS POSTS WHERE DENOTED P5 - P7 & SECURELY TIE TO BRICKWORK ADJACENT - BASE PLATES TO BE FIXED TO FOOTING WITH (2) OFF M12 CHEMSET 101 BOLTS, 100MM INTO FOOTING - SITE WELD TOP PLATES ON P5 & P6 TO STEEL BEAMS OVER & BOLT TOP PLATES OF P7's TO FLOOR FRAME OVER
- * PROVIDE 90 X 45 PLATE TO TOP OF STEEL BEAMS B7, B9 & B11 TO ALLOW FOR FIXING OF FLOOR JOISTS OVER

FOR: DR T FOGG & DR N SHAW

FINAL CONSTRUCTION - 27.03.15

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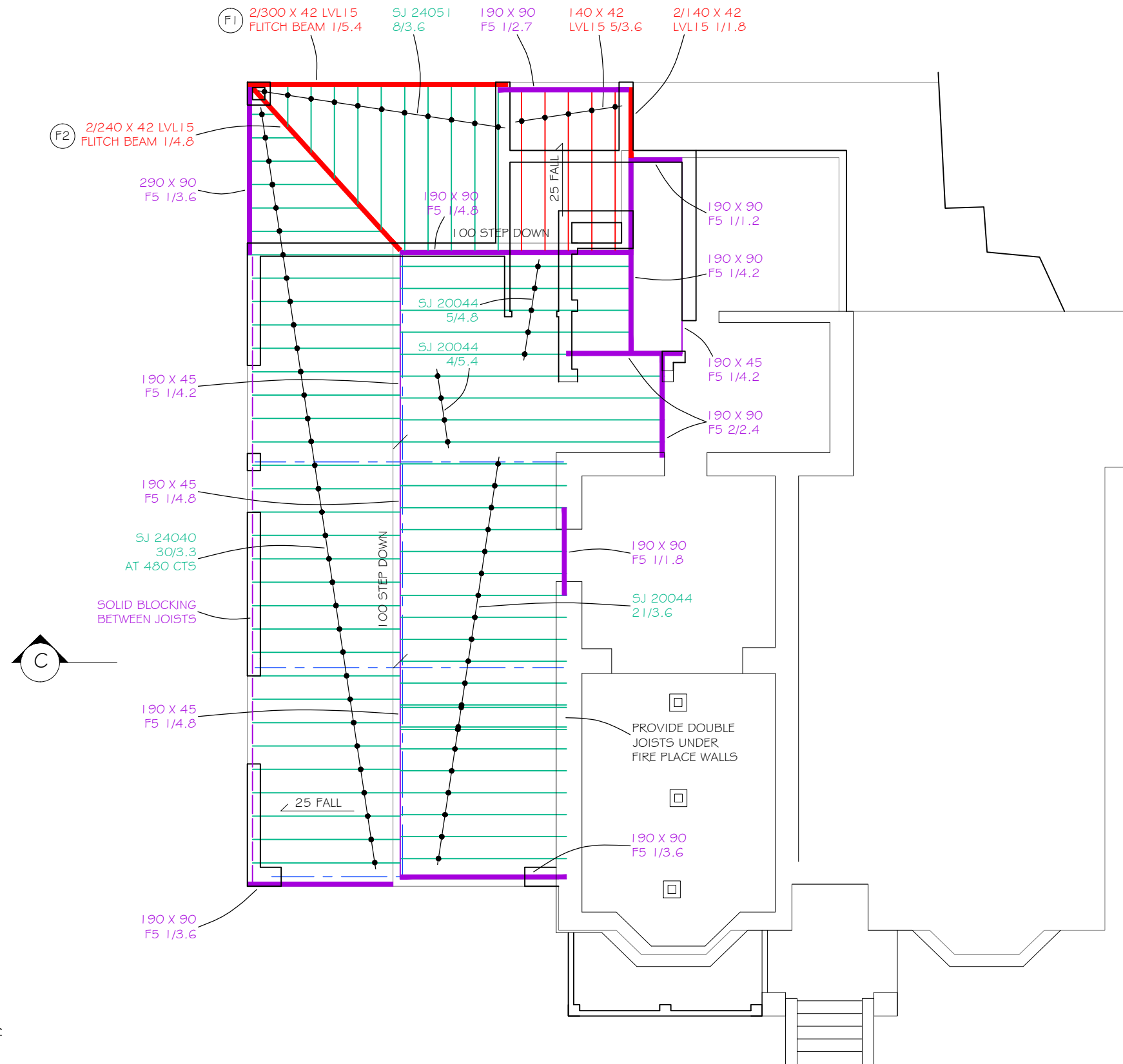
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FLOOR JOISTS - GROUND FLOOR
SCALE 1:100

* SJ - DENOTES TILLING SMART JOISTS
* LVL - DENOTES TILLING SMART LVL
* STEEL PLATES IN FLITCH BEAMS TO BE LOCATED CENTRALLY OVER SPANS & LAMINATED BETWEEN TIMBERS WITH M12 BOLTS AT MAX. 300 CTS

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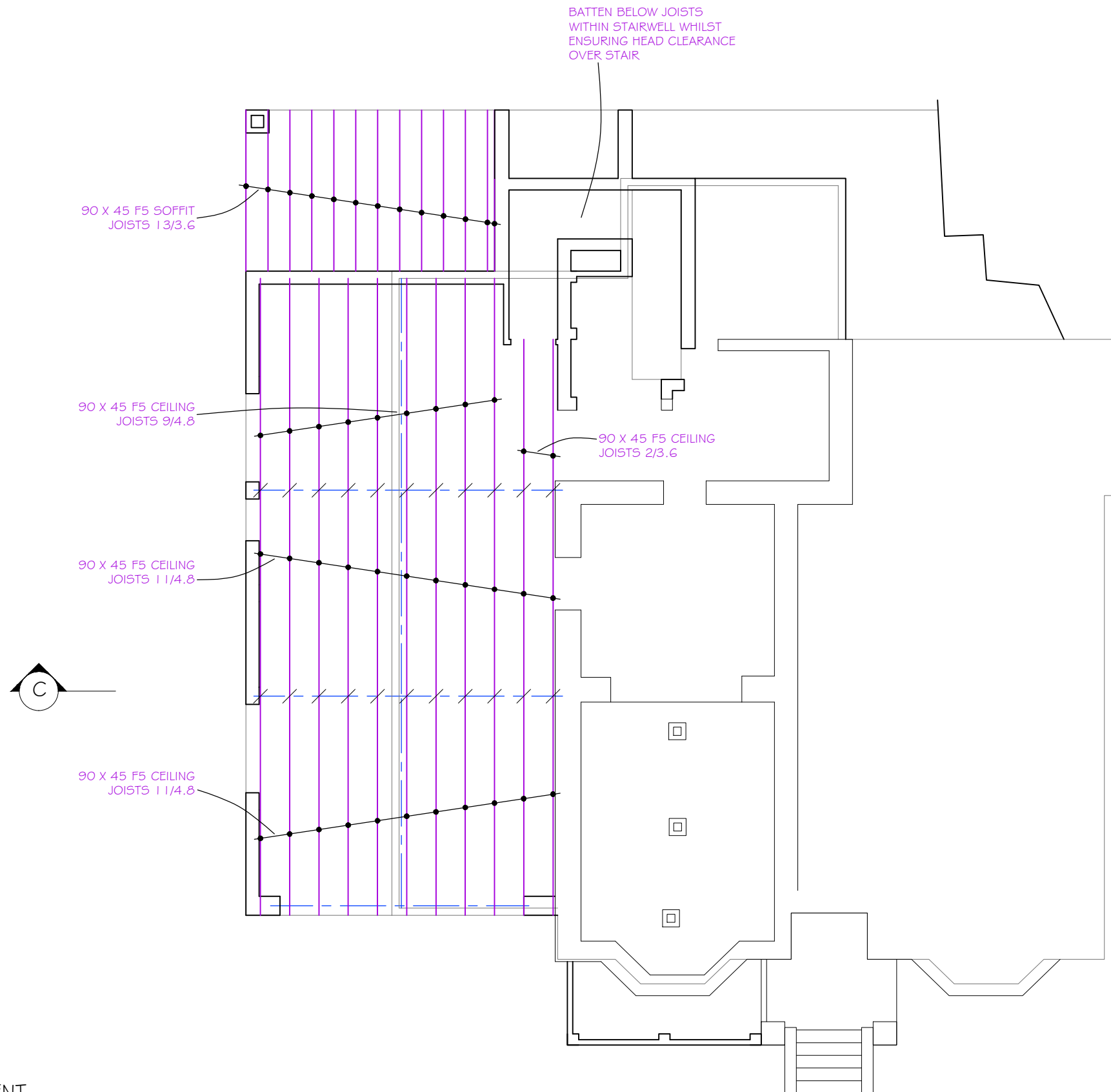
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CEILING/SOFFIT JOISTS - BASEMENT

SCALE 1:100

- * CEILING JOISTS TO BE AT MAX. 600 CTS
- * DECK SOFFIT JOISTS TO BE AT MAX. 450 CTS
- * HANG JOISTS FROM FLOOR FRAME OVER AT MAX. 2000 CTS

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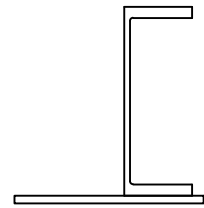
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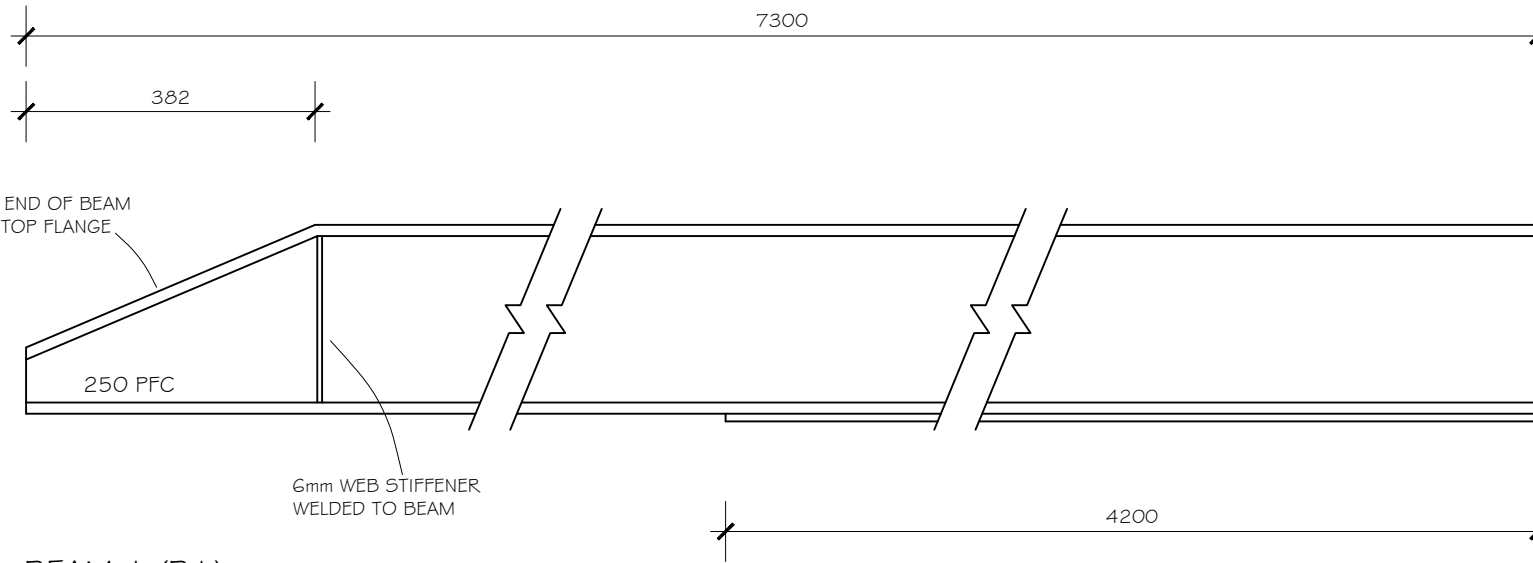
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250 X 10mm BASE PLATE WELDED TO BOTH SIDES OF BOTTOM FLANGE WITH 6mm FILLET WELDS (WELD 100, MISS 100)

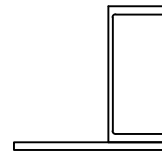
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SPLAY CUT END OF BEAM
& RE-WELD TOP FLANGE

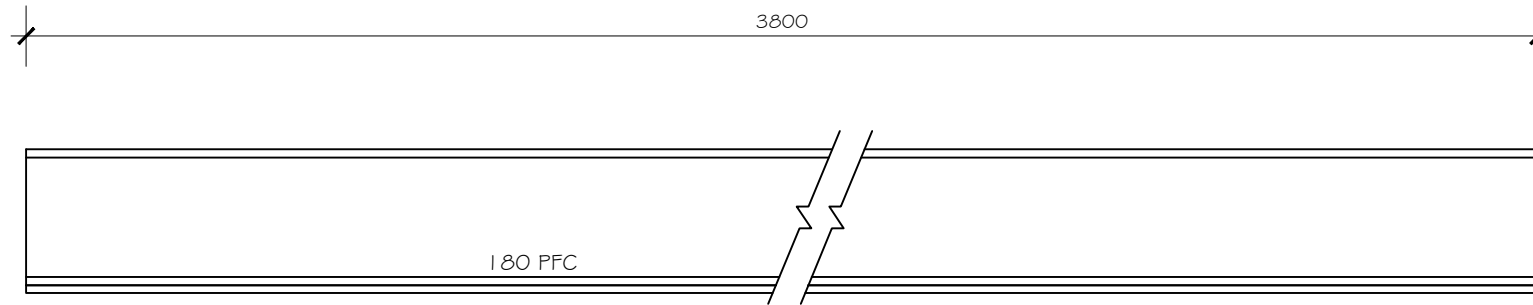


BEAM 1 (B1)

125

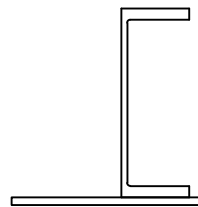


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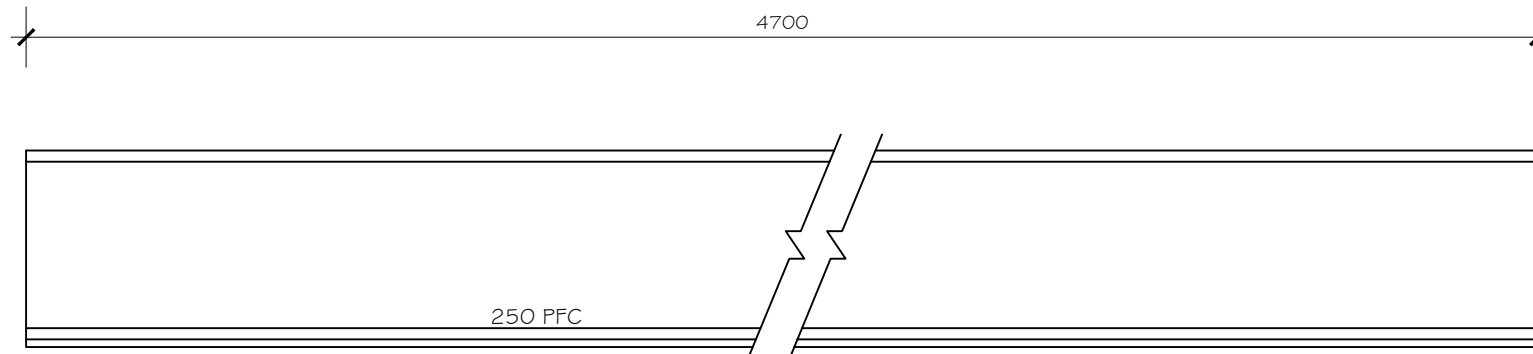


BEAM 2 (B2)

145



250 X 10mm BASE PLATE WELDED TO BOTH SIDES OF BOTTOM FLANGE WITH 6mm FILLET WELDS (WELD 100, MISS 100)



BEAM 4 (B4)

STEEL DETAILS

SCALE 1:10

FOR: DR T FOGG & DR N SHAW

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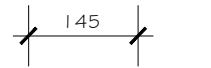
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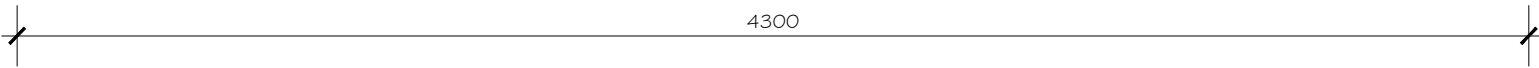
SHEET: 7 OF 14

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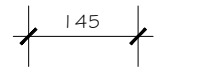




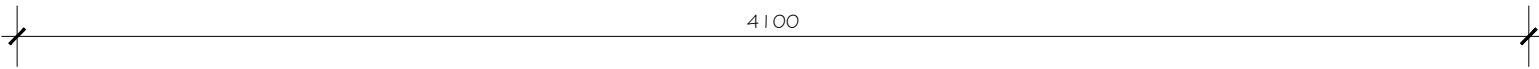
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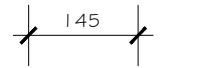
BEAM 7 (B7)



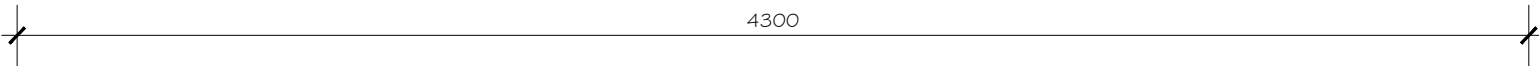
250 X 10mm BASE PLATE WELDED TO BOTH SIDES OF BOTTOM FLANGE WITH 6mm FILLET WELDS (WELD 100, MISS 100)



BEAM 9 (B9)



250 X 10mm BASE PLATE WELDED TO BOTH SIDES OF BOTTOM FLANGE WITH 6mm FILLET WELDS (WELD 100, MISS 100)



BEAM 11 (B11)

STEEL DETAILS

SCALE 1:10

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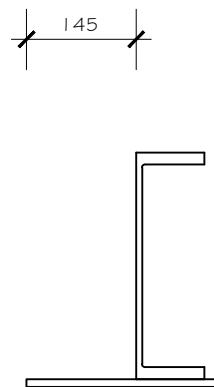
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SHEET: 8 OF 14

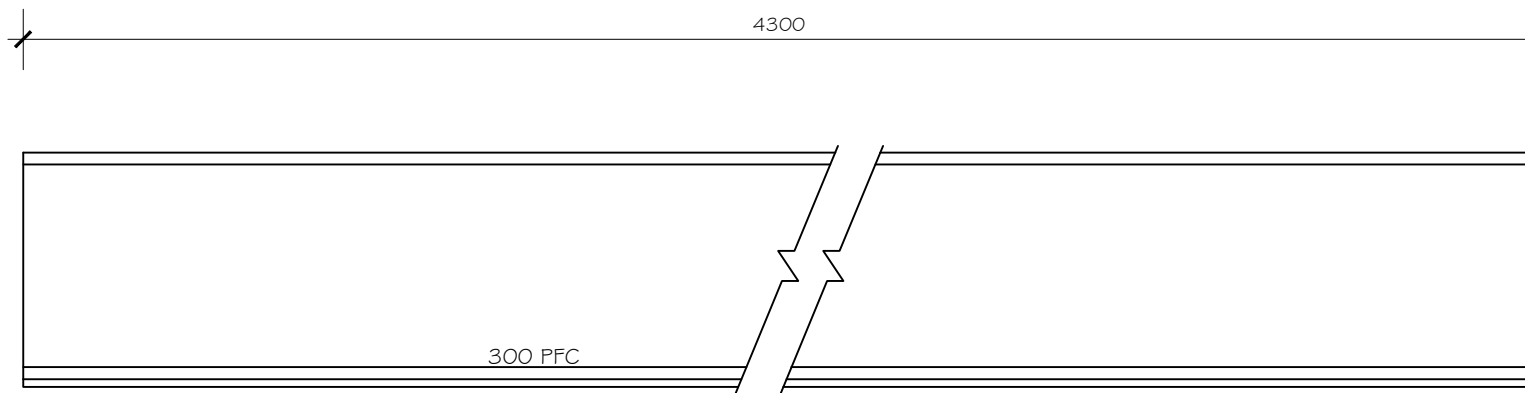
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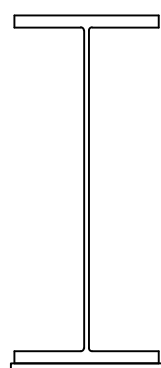




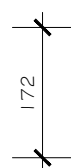
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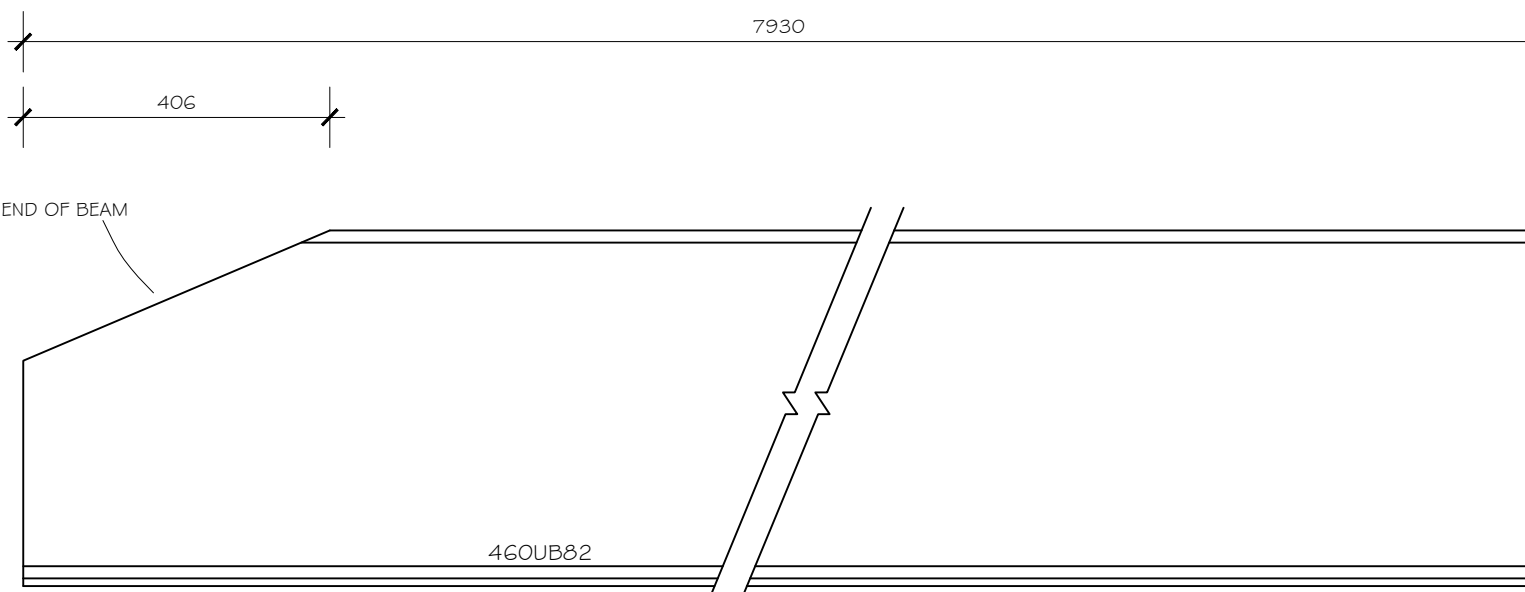
BEAM 12 (B12)



200 X 10mm BASE PLATE WELDED TO BOTH SIDES OF BOTTOM FLANGE WITH 6mm FILLET WELDS (WELD 100, MISS 100)



SPLAY CUT END OF BEAM



BEAM 3 (B3)

STEEL DETAILS
SCALE 1:10

FOR: DR T FOGG & DR N SHAW

AT: 13 CAIRO STREET, SOUTH COOGEE

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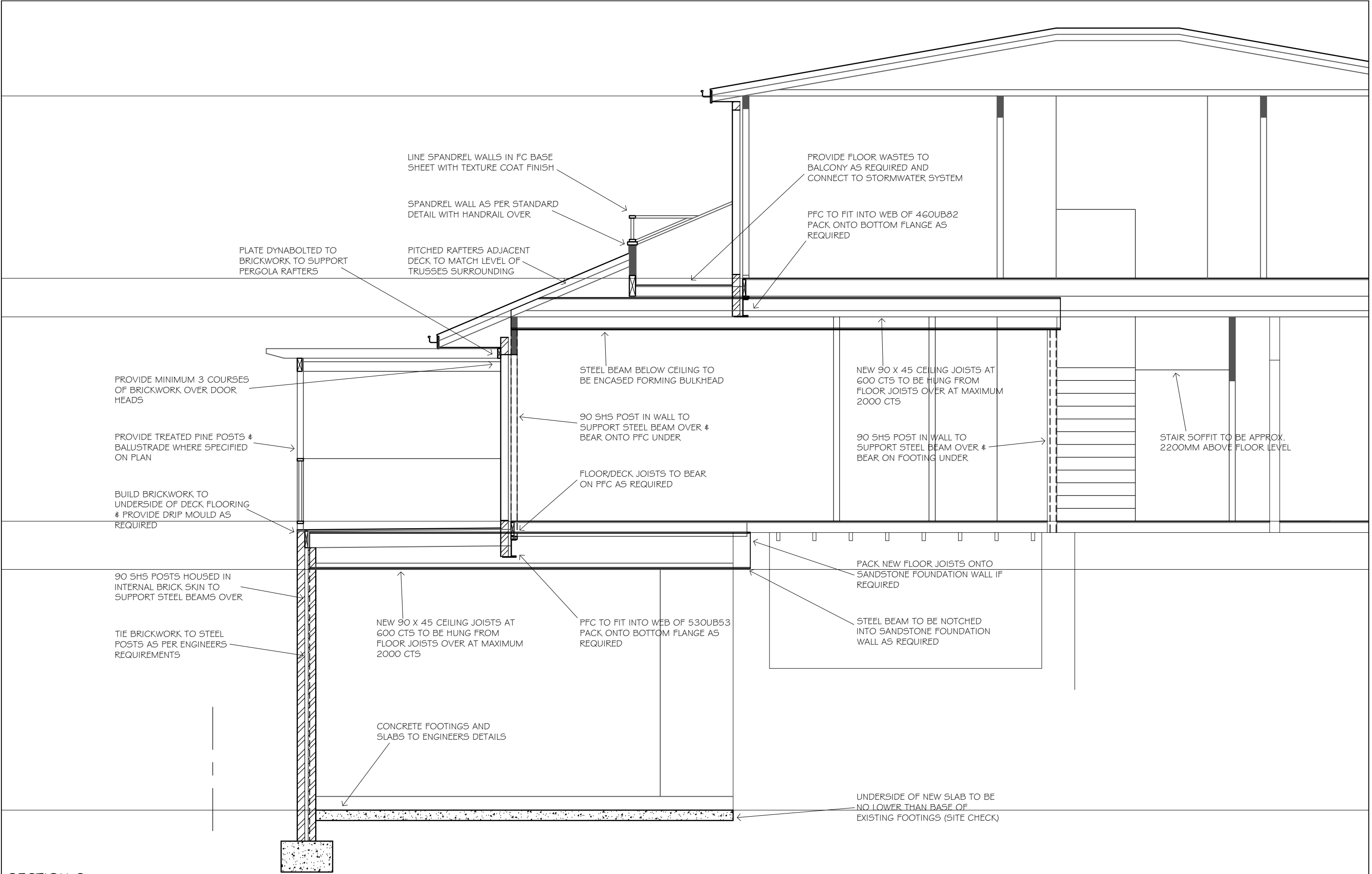
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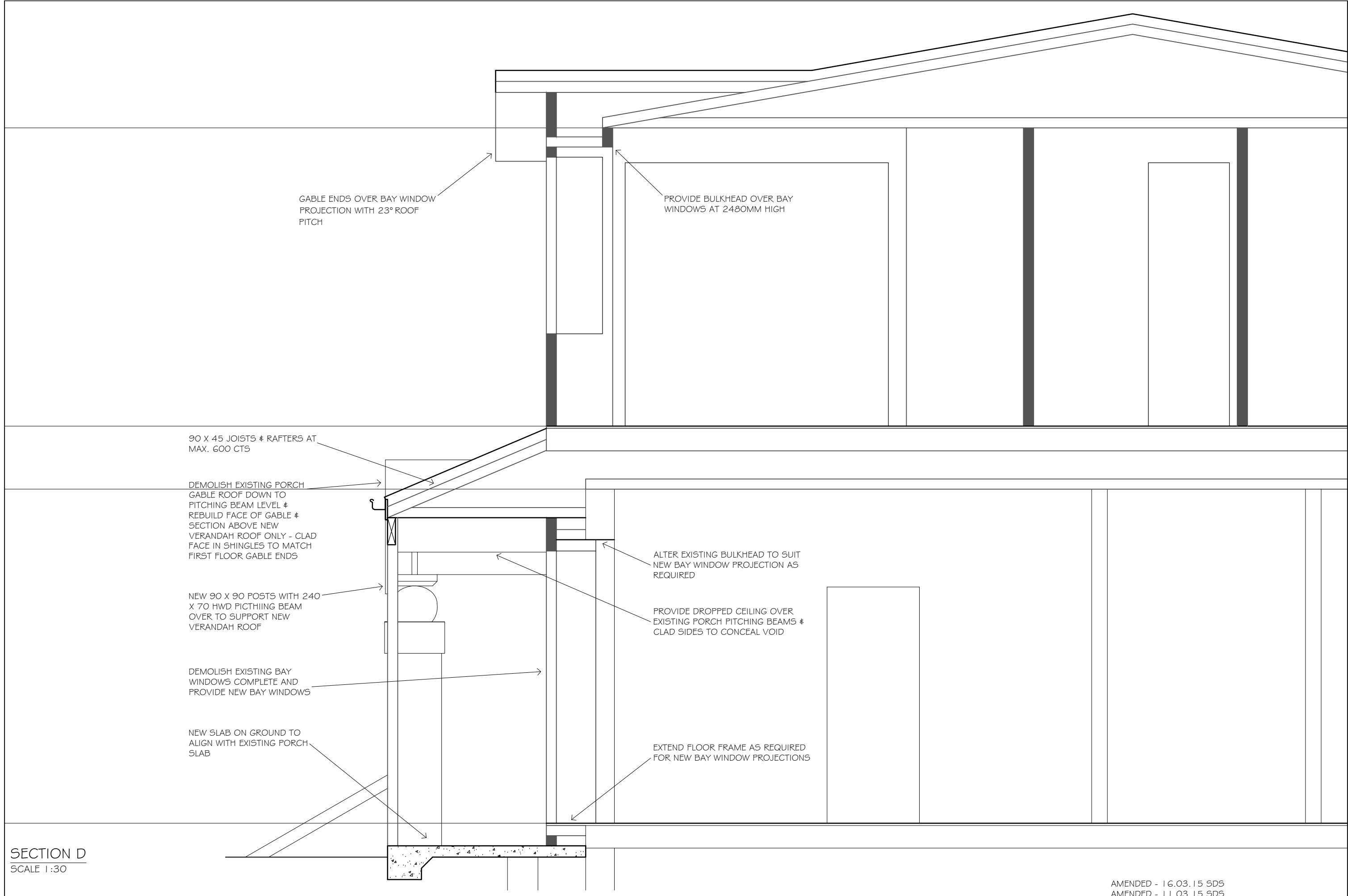
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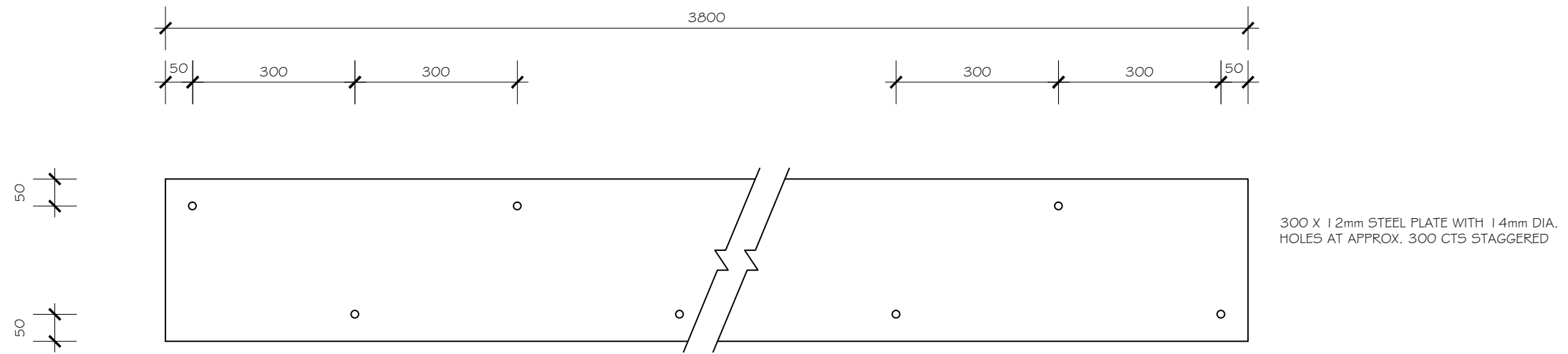




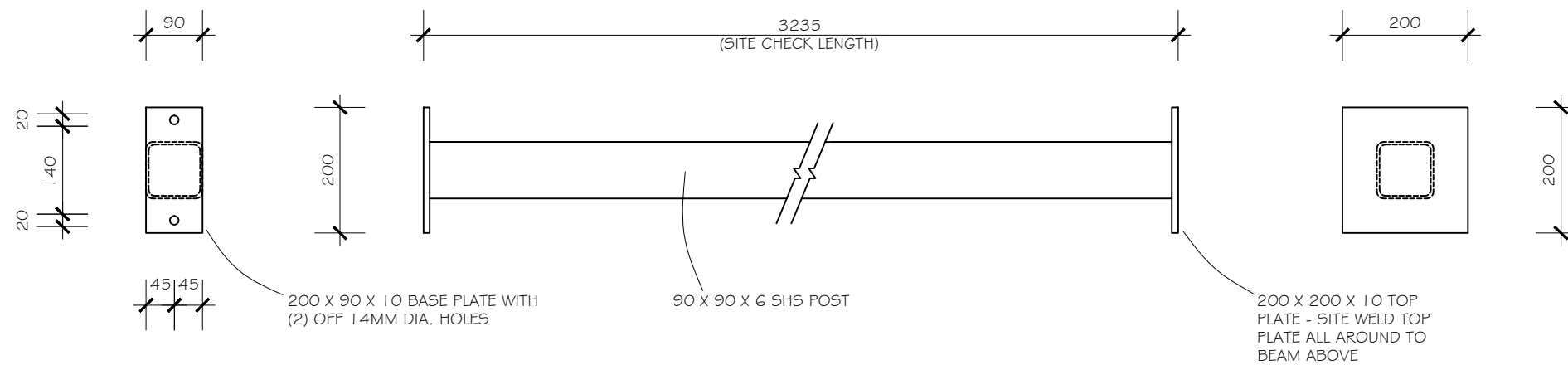
SECTION C
SCALE 1:50



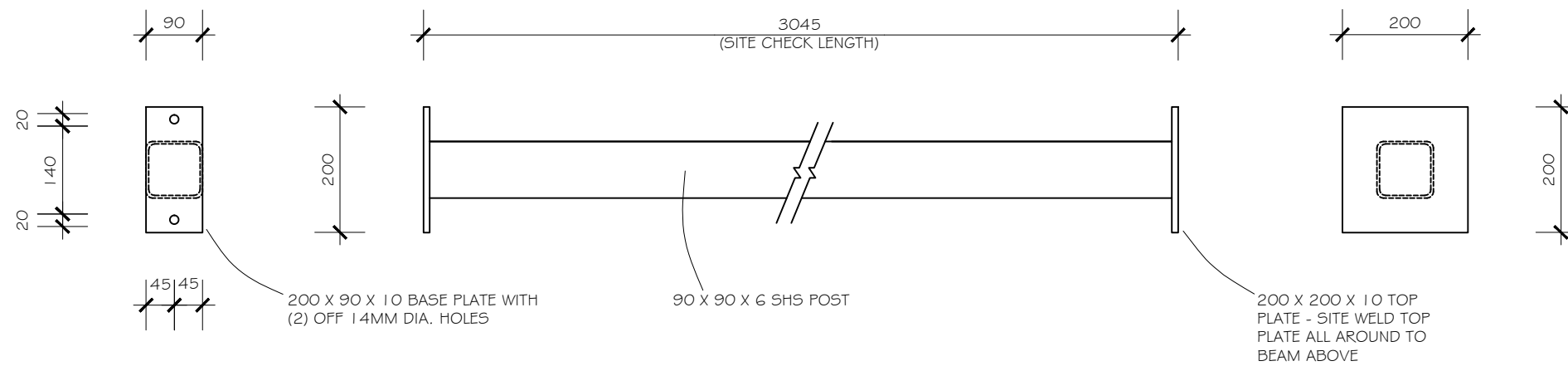
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AT: 13 CAIRO STREET, SOUTH COOGEE		JOB NO: 7531/14 F			



FLITCH BEAM (F1) STEEL PLATE



POST 1 (P1) PROVIDE (1) OFF



POST 2 (P2) PROVIDE (1) OFF

STEEL DETAILS
SCALE 1:10

FOR: DR T FOGG & DR N SHAW

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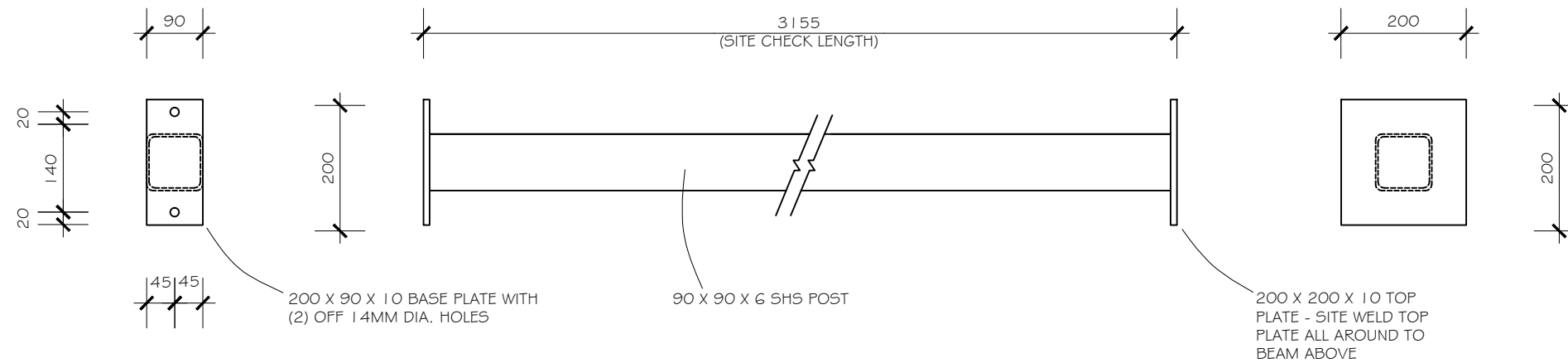
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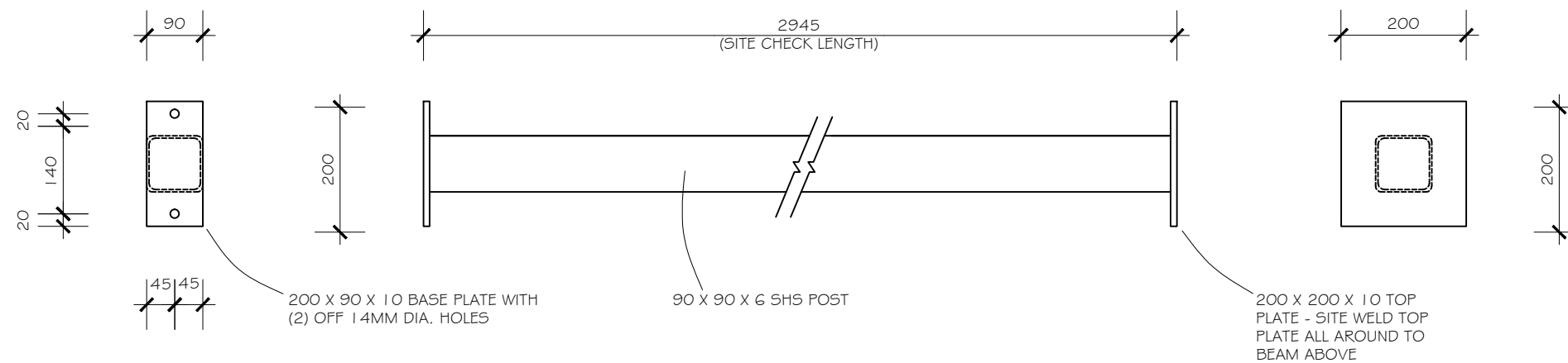
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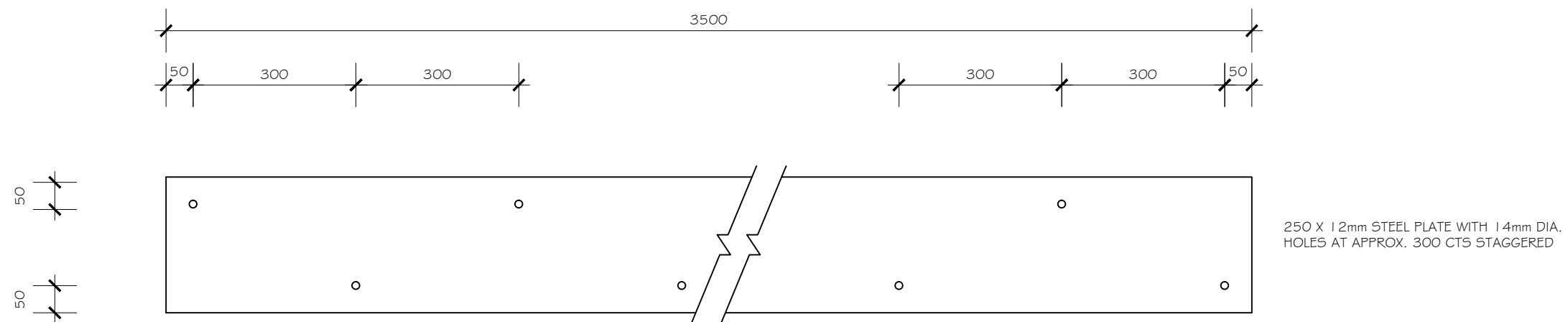




POST 3 (P3) PROVIDE (2) OFF



POST 4 (P4) PROVIDE (1) OFF



FLITCH BEAM (F2) STEEL PLATE

STEEL DETAILS
SCALE 1:10

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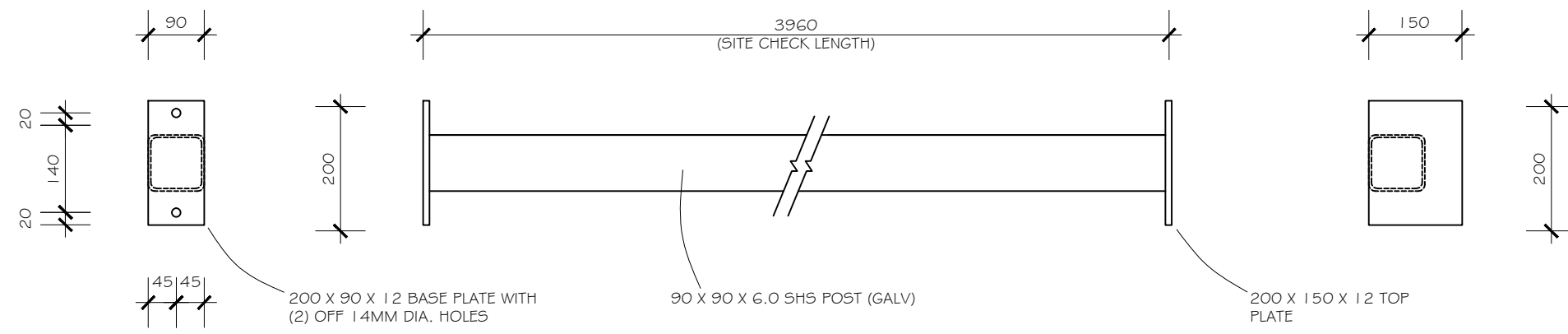
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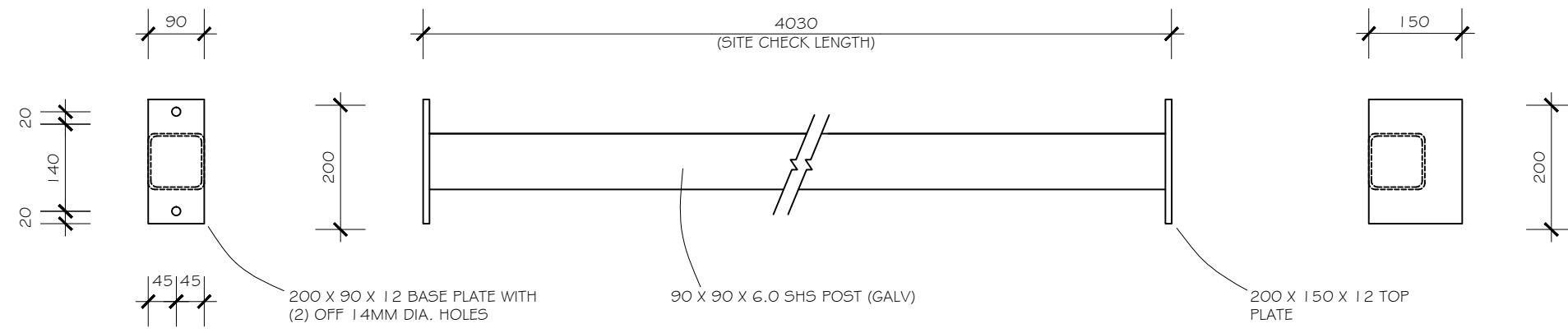
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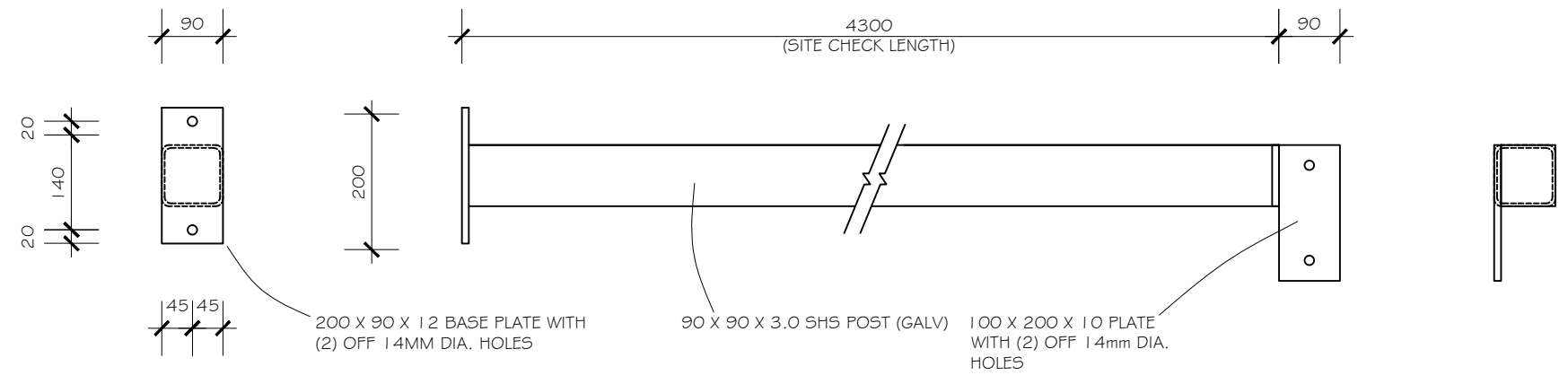




POST 5 (P5) PROVIDE (1) OFF



POST 6 (P6) PROVIDE (1) OFF



POST 7 (P7) PROVIDE (3) OFF