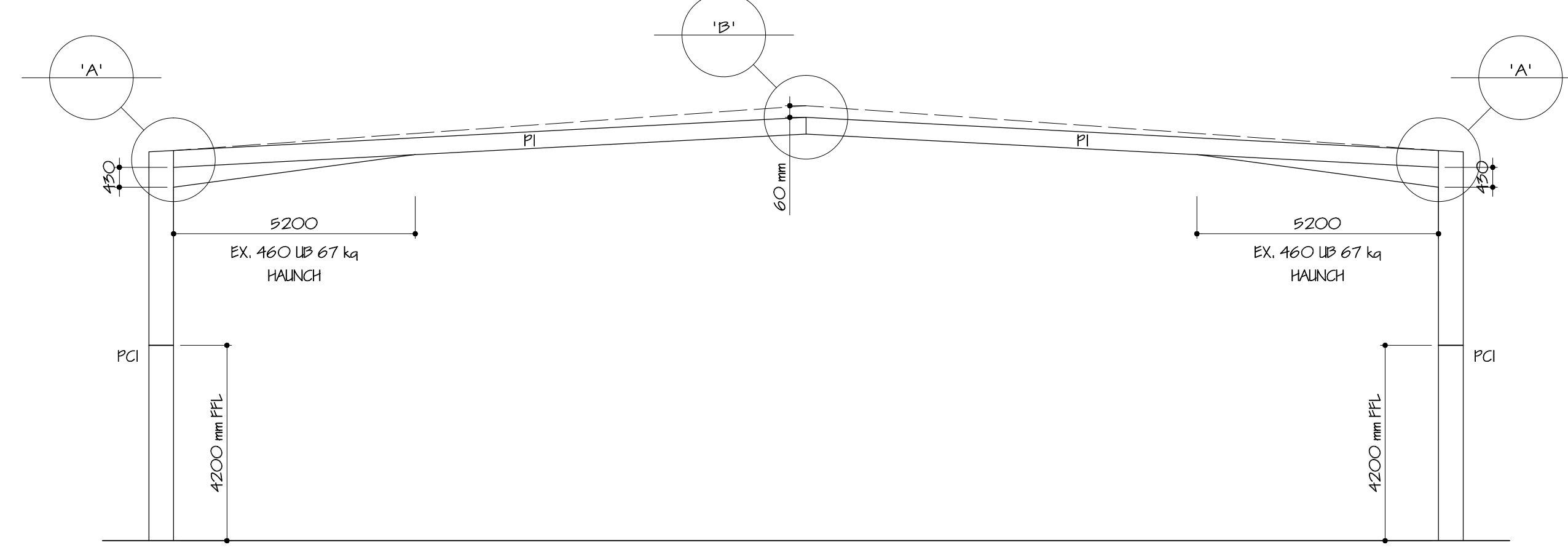
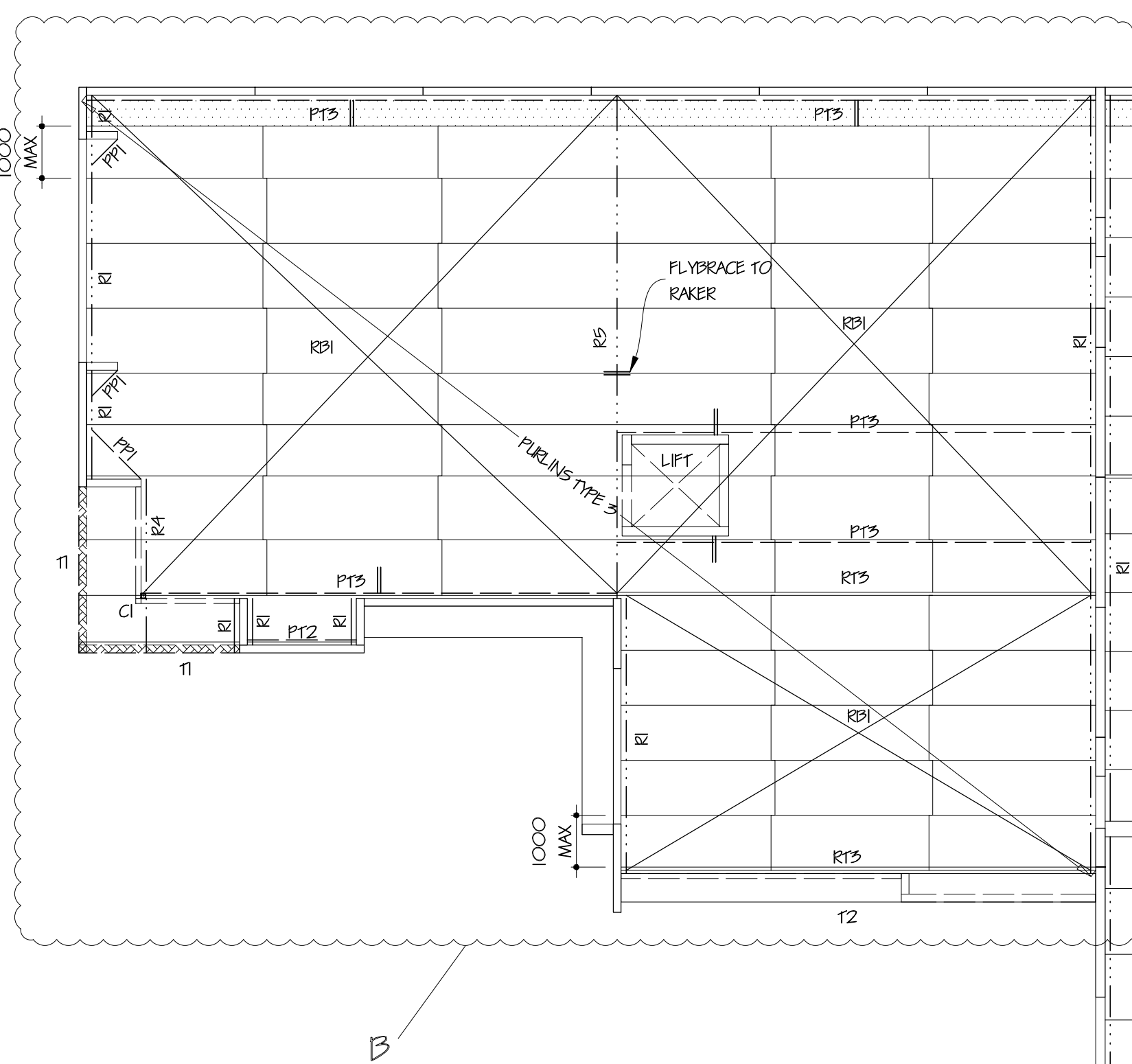
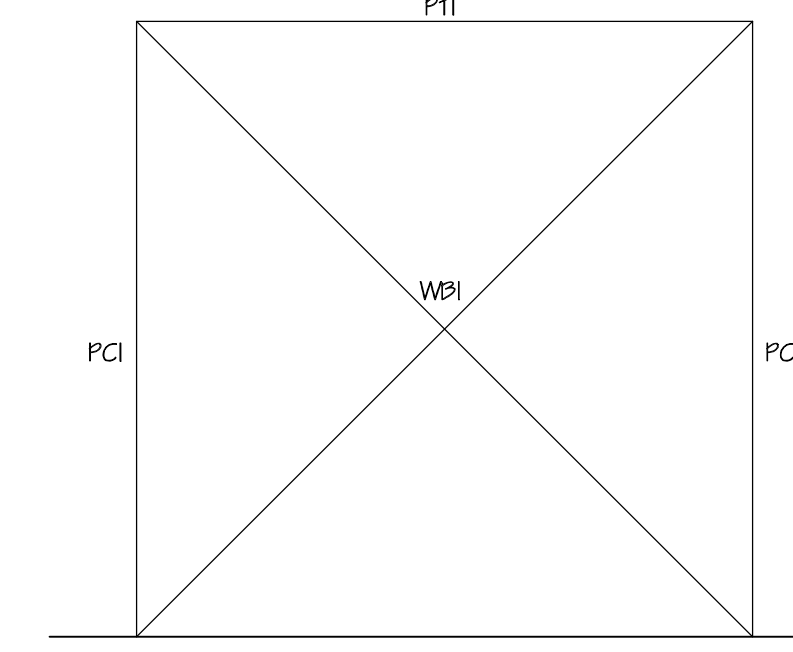


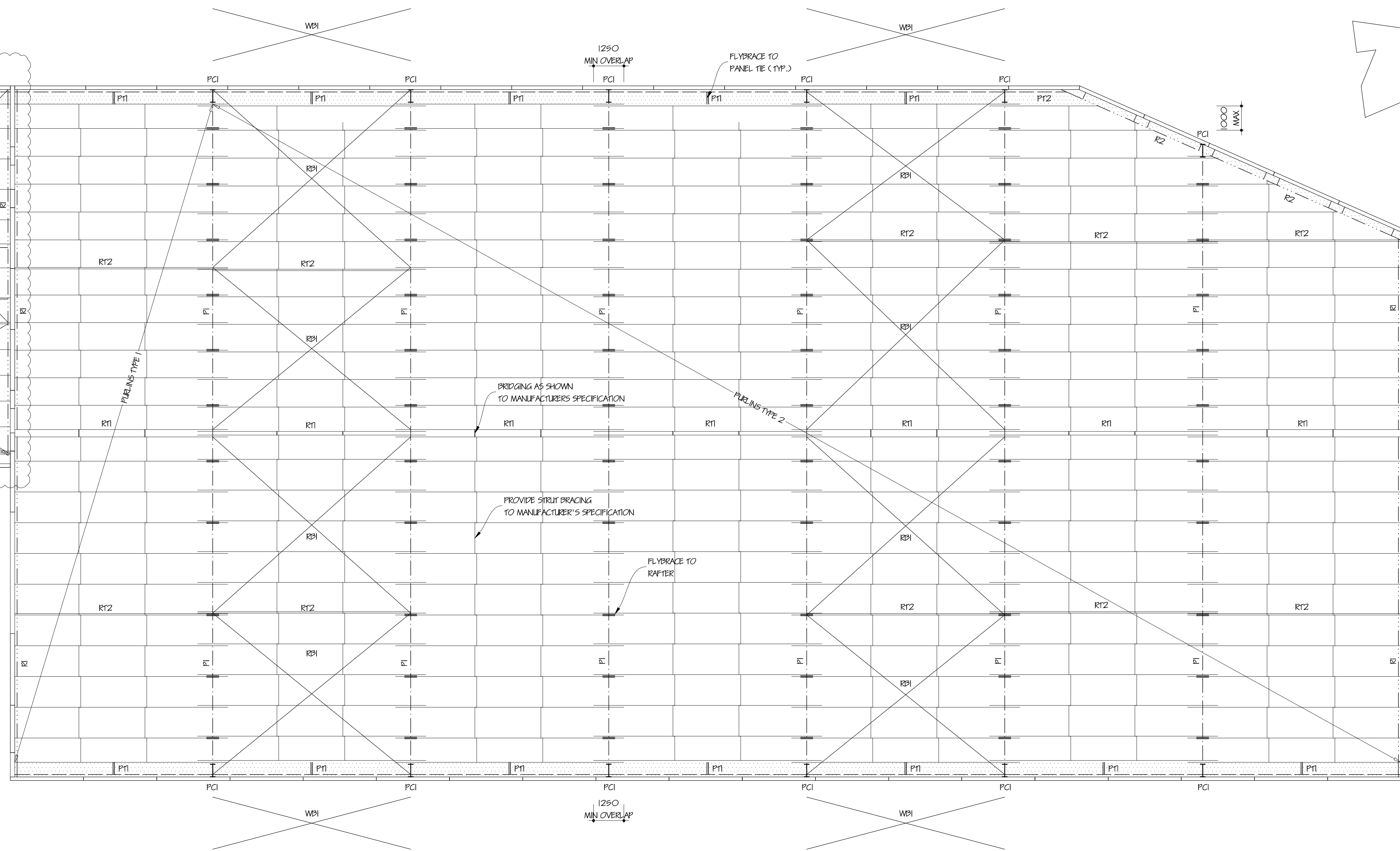
FIRST FLOOR STEEL LAYOUT PLAN



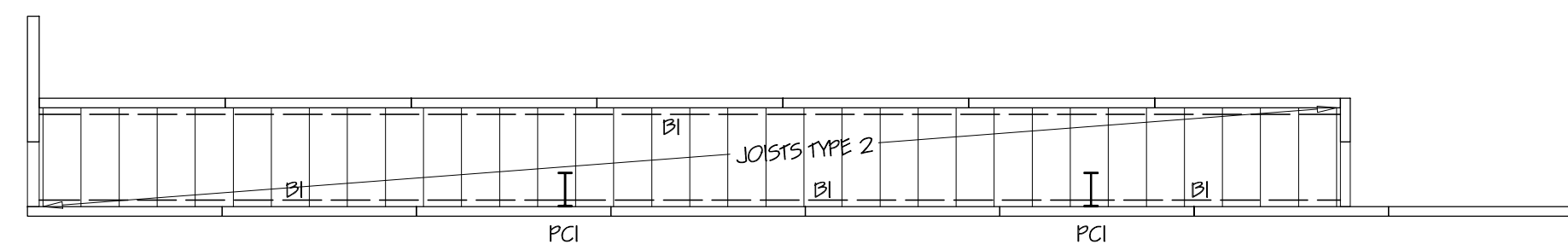
PORTAL FRAME P1 LAYOUT



WALL BRACE WBI LAYOUT



ROOF STEEL LAYOUT PLAN



STEEL LAYOUT PLAN - FIRE TUNNEL

GENERAL AND FASCIA NOTES:

PROVIDE M20 PERLLLES OR CHEM SET BOLTS FOR FASCIA FRAME CONNECTION TO CONCRETE PANELS - AS SHOWN. ANY CEMENT SHEETING WHICH IS TO BE USED ON FASCIA TO BE FIXED ON TIMBER BATTENS.

ALL ROOF BRACING TO BE TIED BACK TO PURLINS. ALL CHEM SET BOLTS TO BE EMBEDDED 100mm MINIMUM INTO CONCRETE PANEL.

FABRICATOR TO PROVIDE ANY TEMPORARY BRACING IN ADDITION TO PERMANENT BRACING TO PLUMB COLUMNS AND ENSURE STABILITY OF BUILDING WHILE UNDER CONSTRUCTION. ALL STEEL WORKS TO BE GRADE 300 MPa. ALL STEEL HOLLOW SECTIONS TO BE GRADE 350 MPa. ANY EXPOSED STEELWORK TO BE HOT DIPPED GALVANISED.

STEEL SCHEDULE	
MEMBER	SIZE
COLUMN	PCI 550 LB B2 k4 (BRACED @ 4200 mm PFL)
RAFTER	R1 460 LB 90 k4 (60 mm PRECAMBER, BRACED AS SHOWN)
RAFTER	R2 100 x 100 x 10 EA
RAFTER	R3 150 PFC
RAFTER	R4 250 LB 25 k4
RAFTER	R5 150 PFC
RAFTER	R6 300 PFC
RAFTER	R7 300 PFC
RAFTER	R8 300 PFC
COLUMN	C1 89 x 89 x 5.5 S45
COLUMN	C2 89 x 89 x 5.5 S45
COLUMN	C3 125 x 125 x 5 S45
COLUMN	C4 200 x 200 x 6 S45
FLOOR BEAM	B1 100 x 100 x 10 EA
FLOOR BEAM	B2 150 PFC
FLOOR BEAM	B3 150 PFC
FLOOR BEAM	B4 250 PFC
FLOOR BEAM	B5 150 PFC
FLOOR BEAM	B6 300 PFC
FLOOR BEAM	B7 550 LB B2 k4
FLOOR BEAM	B8 360 LB 44 k4
FLOOR BEAM	B9 550 LB B2 k4 (BRACED AS SHOWN)
FLOOR BEAM	B10 250 PFC
FLOOR BEAM	B11 300 PFC (BRACED AS SHOWN)
STAR BEAM	S1 150 x 100 x 5 R15
STAR BEAM	S2 150 x 100 x 5 R15
STAR BEAM	S3 200 x 100 x 6 R15
ROOF TIE	RT1 BRIDGE - SEE DETAIL
ROOF TIE	RT2 DOUBLE PURLINS
ROOF TIE	RT3 DOUBLE PURLINS
ROOF BRACE	RB1 16 mm @ (4.6 / 5) TENSION RODS
WALL BRACE	WBI 20 mm @ (4.6 / 5) TENSION RODS
PANEL PROP	PP1 100 x 100 x 10 EA
TRUSS	T1 PROVIDE 150 PFC TOP & BOTTOM CHORDS, 100 x 100 x 10 EA END VERTICALS, 75 x 75 x 6 EA INTERNAL VERTICALS, AND 50 x 50 x 5 EA DIAGONALS.
BOXED TRUSS	T2 75 x 75 x 6 EA TOP & BOTTOM CHORDS, 50 x 50 x 5 EA VERTICALS, 50 x 50 x 5 EA BRACES, 50 x 50 x 5 EA DIAGONALS.
PANEL TIE	PT1 250 PFC (BRACED AT MIDSPAN)
PANEL TIE	PT2 150 PFC
PANEL TIE	PT3 250 PFC (BRACED AT MIDSPAN)
FASCIA BEAM	F1 150 PFC
FASCIA BEAM	F2 150 PFC
FASCIA SUPP	FS1 75 x 75 x 5 EA @ 2000 CRS MAX
PURLIN TYPE 1	Z200-19 PURLINS @ 1550 CRS MAX, BRACED AT 1 / 3 POINTS AND LAPPED FOR 1250 MIN
PURLIN TYPE 2	Z200-15 PURLINS @ 1550 CRS MAX, BRACED AT 1 / 3 POINTS AND LAPPED FOR 1250 MIN
PURLIN TYPE 3	C250-24 PURLINS @ 1500 CRS MAX, BRACED AT 1 / 3 POINTS
PURLIN TYPE 4	C150-15 PURLINS @ 1000 CRS MAX, BRACED AT MIDSPAN
JOISTS TYPE 1	C250-19 PURLINS @ 450 CRS MAX, BRACED AT MIDSPAN
JOISTS TYPE 2	C250-19 PURLINS @ 600 CRS MAX, NOT BRACED

All levels and dimensions to be checked and verified by the Builder prior to commencement of construction. This Document is Copyright and is supplied on the express condition that it is not to be used for any other purpose or copied or communicated to any other person without the prior permission of Stephen D'Andrea Pty. Ltd.

STEPHEN D'ANDREA PTY. LTD.
 A.C.N. 055 676 568
 SUITE 9 / 84 - 90 LAKEWOOD BOULEVARD
 BRAESIDE 3195
 TELEPHONE 9587 5000
 FAX 9588 2020
 MOBILE (0418) 314 021
 EMAIL design@stephendandrea.com.au
 WEB SITE www.stephendandrea.com.au

PROJECT
 PROPOSED WAREHOUSE AND OFFICE
 AT No 865 MOUNTAIN HIGHWAY,
 BAYSWATER.

CLIENT

DATE	JULY '16	SCALE	1:100
DRAWN	J.C	SHEET	7 OF 11
DRG No	5678/16	ISSUE	B

ISSUE FOR CONSTRUCTION