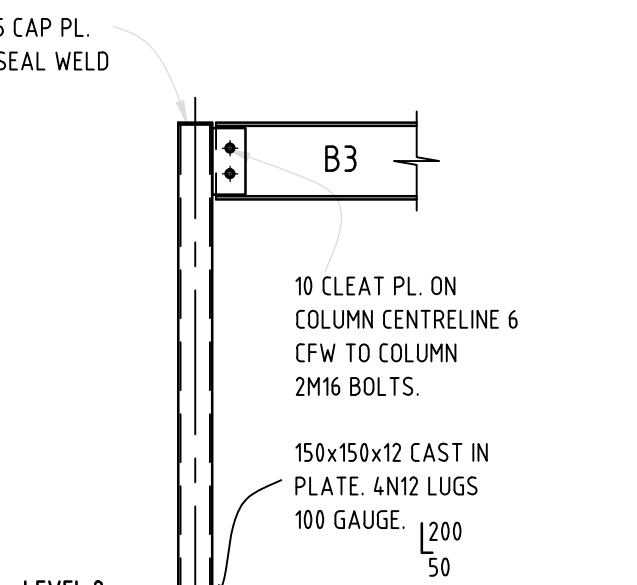
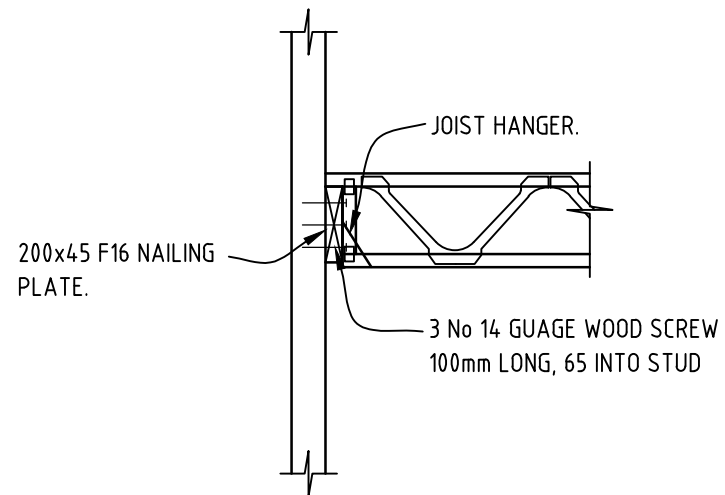


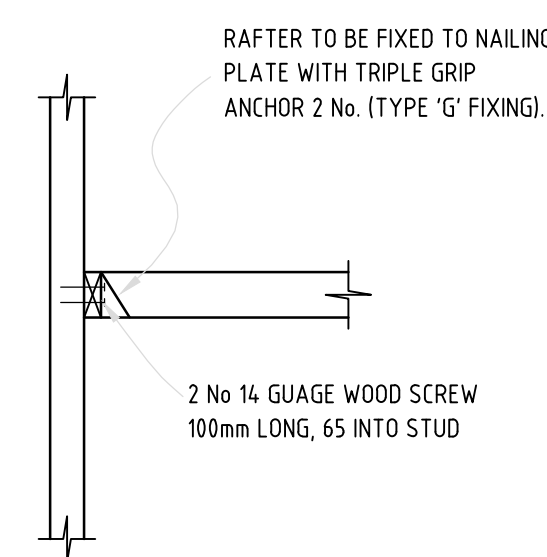
ROOF LAYOUT PLAN
SCALE 1:100



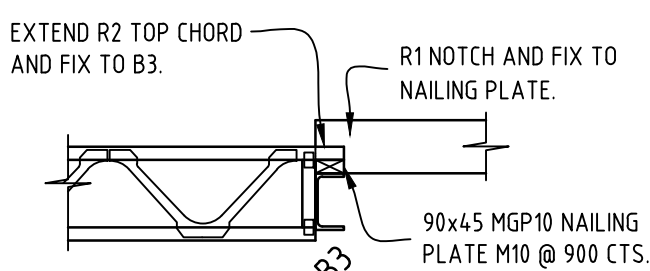
TYPICAL BEAM TO COLUMN CONNECTION
SCALE 1:20



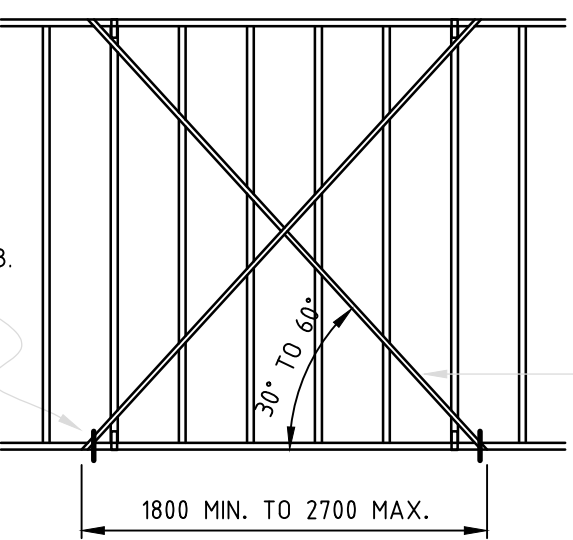
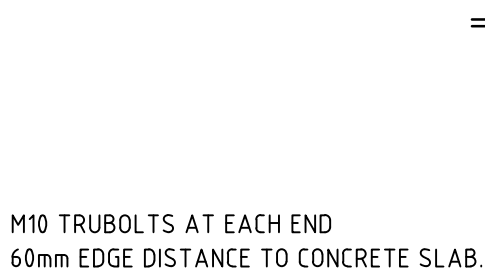
R2 AT EXTERNAL WALL AND FIRE WALL
SCALE 1:20
FIXING TO CONCRETE WALL SIMILAR USE M12 TRUBOLTS AT 600 CTS.



R1 AT EXTERNAL WALL AND FIRE WALL
SCALE 1:20
FIXING TO CONCRETE WALL SIMILAR USE M12 TRUBOLT @ 900 CTS.



SECTION 1
SCALE 1:20

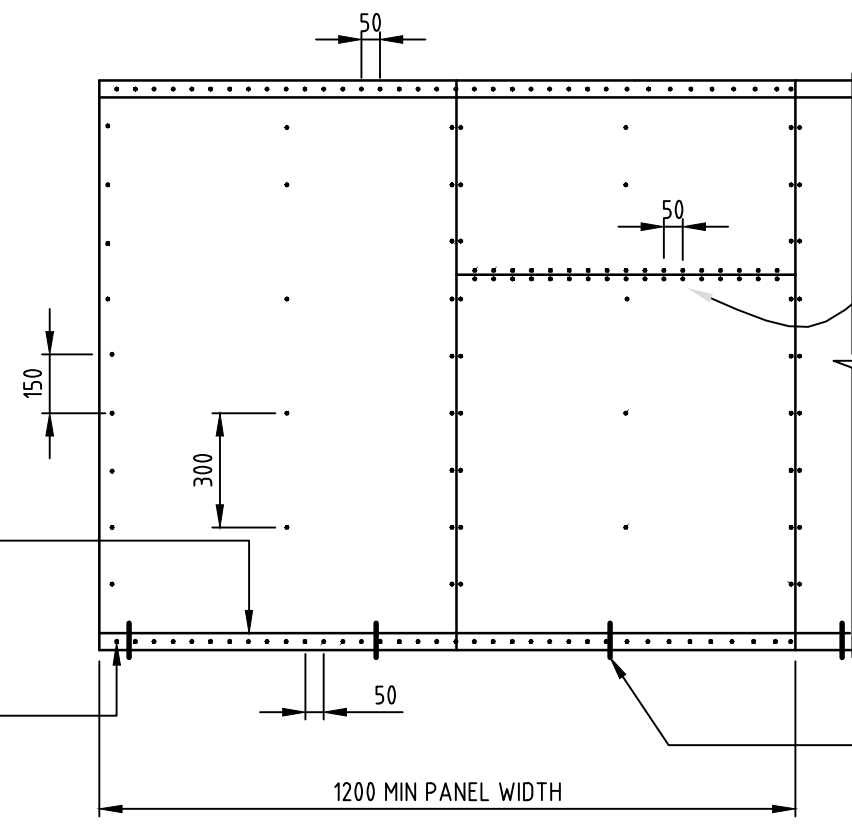


DOUBLE DIAGONAL METAL STRAP BRACING IN ACCORDANCE WITH AS 1684.2 TABLE 8.18(d) PLAN LENGTH EXTENT TO BE 2.7m WHERE AVAILABLE. IF LENGTH AVAILABLE IS LESS, THEN USE 2Nox1.8m LONG OR PLYWOOD BRACING 1.2m LONG. DESIGNED TO PROVIDE RAKING FORCE OF ULTIMATE 3.0kN/m

STRAP BRACING

NOTCH STUDS, TOP AND BOTTOM PLATES TO ACCOMADATE PLYWOOD WALL BRACING NOGGINGS OMITTED FOR CLARITY

PROVIDE M10 COACH SCREW TO TOP AND BOTTOM PLATES AT EACH CORNER IF WALL IS LESS THAN 900 WIDE



PLYWOOD BRACING
BRACING DESIGNED TO PROVIDE RAKING FORCE OF 6.0 kN/m (ULTIMATE)

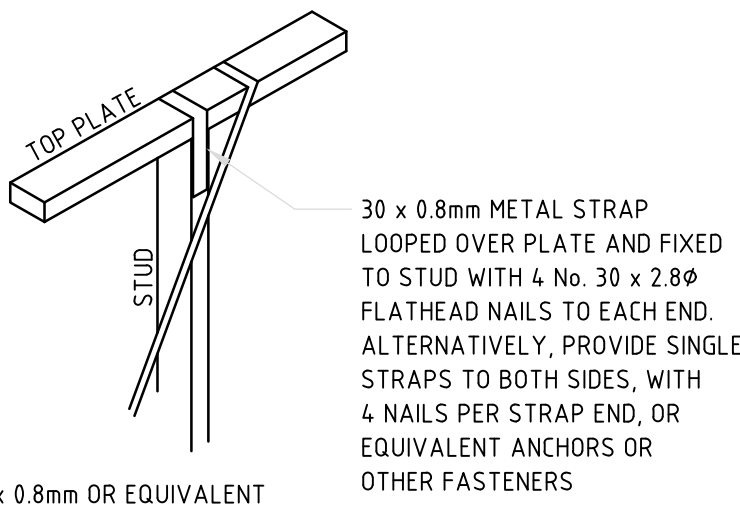
WALL BRACING UNIT - ELEVATIONS

MEMBER SCHEDULE			
MARK	MEMBER SIZE	CONNECTION EACH END	COMMENTS
B1	250x45 F16 HYPSPAN	-	BEAM
B2	2/250x45 F16 HYPSPAN	-	BEAM
B3	150 PFC	-	BEAM
B4	200X45 F16 HYPSPAN	-	BEAM
C1	89x89x3.5 SHS	-	COLUMN
R1	140x45 MGP10	FIXED TO B1, B2 WITH 2 No TRIPLE GRIP ANCHORS (TYPE 'G' FIXING)	RAFTERS @ 900 CTS, SPAN < 2.8m
R2	250d RAFTER TRUSS	FIXED TO B1, B2 WITH JOIST HANGERS	RAFTERS @ 900 CTS, GRADED BATTENS OVER DESIGNED BY MANUFACTURER
R3	140x45 F17	FIXED TO B1, B2 WITH JOIST HANGERS	RAFTERS @ 900 CTS, GRADED BATTENS OVER DESIGNED BY MANUFACTURER

- LEGEND
- LOADBEARING WALL UNDER.
 - FIRE RATED STUD WALLS. NOTE RAFTERS ETC NOT TO PASS THRU THE WALL.
 - INTERNAL LOADBEARING WALL.
 - W1 DENOTES LOADBEARING WALL. REFER WALL TYPE SCHEDULE.

WALL BRACING: PROVIDE AT LEAST 2 UNITS OF BRACING IN WALLS ON EACH EXTERNAL WALL ELEVATION. REFER DETAIL

LINTELS (U.N.O.)	
SPAN	SIZE
<1.2m	140x45 MGP 10.
<2.6m	200x45 HYPSPAN F16.



30 x 0.8mm OR EQUIVALENT TENSIONED GALVANIZED METAL STRAPS NAILED TO PLATES WITH 4 No. 30 x 2.8 GALV. FLATHEAD NAILS TO EACH END

DRAWING: J:\S21\31-208\254\280\13 STRUCTURAL DRAWINGS\S21-218-254\280-560.DWG (LAST SAVED ON: 28/08/17 8:51:45 AM) PLOTTED ON: 28/08/17 9:21:53 AM BY: STEPHEN PLUMMER

REV	DESCRIPTION	DATE	INIT	APP
PD	BUILDING PERMIT SUBMISSION	28/8/17	SP	JH
PC	PRELIMINARY ISSUE	17/8/17	SP	JH
PA	PRELIMINARY ISSUE	28/7/17	SP	JH
PA	PRELIMINARY ISSUE	23/6/17	SP	JH

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SOIL & MATERIAL TESTING | HOUSING | COMMERCIAL | PROJECT MANAGEMENT | SURVEY

SCOTT BURNS

CLIENT C & K ARCHITECTURE	DESIGNED JH	DRAWN SGP
PROJECT TITLE PROPOSED RESIDENTIAL DEVELOPMENT	CHECKED JH	No. OF SHEETS
SITE ADDRESS 261 - 263 BALWYN ROAD BALWYN NORTH, VIC 3104	SCALE AS SHOWN @A1	DATE STARTED 19/6/2017
DRAWING TITLE ROOF LAYOUT PLAN	SITE ID & JOB No. S34-308-254-280	REV. PD
	S60	