

UPPER WALL FRAME LAYOUT

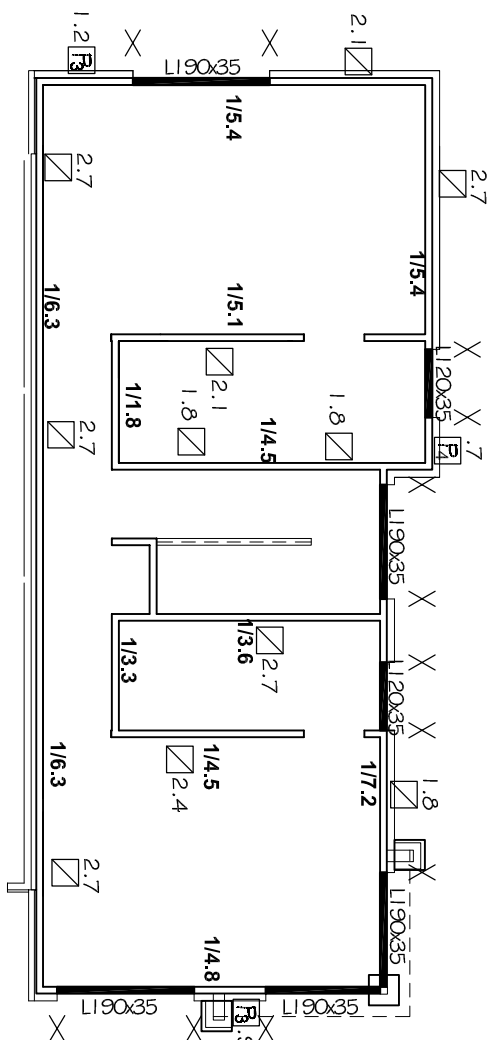
CEILING HEIGHT - 2700mm

STRUCTURAL DETAILS

1 # B PLATES 90x35 MGP 10 UNO
EXTERNAL STUDS 90x35 MGP 10 @ 600 CTS. UNO
STUDS POSITIONED DIRECTLY BENEATH RAFTER/TRUSS
@ MAX 600MM CTS
INTERNAL STUDS 90x35 MGP 10 @ 600 CTS. UNO
STRUTS BLOCKED OVER 2 SINGLE 90x45 MGP 10 STUDS
BLOCKING 90x70 MGP 10
NOGGING 90x35 PINE @ 1350 MAX CTS
1/90x35 MGP 10 DIRECTLY BENEATH INTERNAL SUPPORT
ALL STRUCTURAL MATERIAL TO BE MGP 10, UNO.
ALL MATERIALS ALLOWED AS PER AS 1684.2-2010


NON-LOAD BEARING WALLS UNDER TRUSSES SET DOWN 20mm

STUDS AT SIDES OF OPENINGS
AND POINT LOAD STUDS
AS SHOWN BELOW

$$\begin{aligned} \triangle \times \square &= 1/90 \times 45 \text{ MGPI}0 \\ &= 2/90 \times 35 \text{ MGPI}0 \\ &= 2/90 \times 45 \text{ MGPI}0 \end{aligned}$$


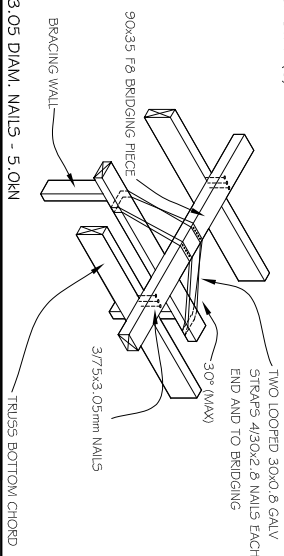
DWELLING 5

S:\OAKBRIDGE TAKEOFFS\D\ANDREA\541 ANZAC HWY\D5\D5 541 ANZAC.dwg

WP PROPERTY GROUP 541 ANZAC HWY, GLENELG EAST	AMENDMENTS		WINDSPEED (per residence) : N I
	SHEET 3/5 DATE : 25/05/18 SCALE: 1 : 100 JOB No. TT009731		
D'ANDREA	Detailer: Matt Ope	Signed: 	
			W1 38 m² = 21 kN W2 14 m² = 8 kN

TOP PLATE FIXING DETAILS - PARALLEL TO WALL

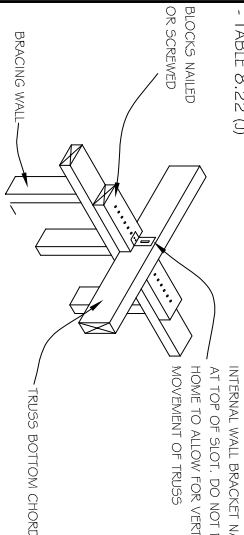
- TABLE 8.22 (C)



* 6/3.05 DIAM. NAILS - 5.0KN

TOP PLATE FIXING DETAILS - PERP. TO WALL

- TABLE 8.22 (J)



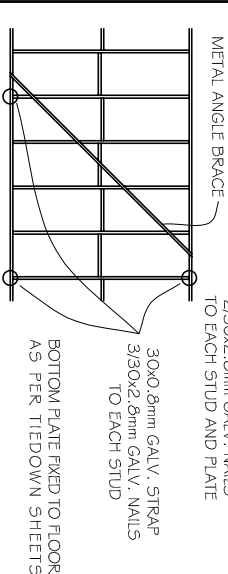
* 6/3.05 DIAM. NAILS - 5.0KN
* 3/No.14 TYPE 17 SCREWS - 10KN

* 3/No. 14 TYPE 17 SCREWS - 10KN

BRACING UNITS

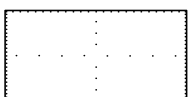
METAL ANGLE BRACE - TABLE 8.18 (C)

METAL ANGLE BRACE — 2/30x2.8mm GALV. NAILS TO EACH STUD AND PLATE



<input checked="" type="checkbox"/> - 1800mm (2.7kN)	<input checked="" type="checkbox"/> - 2100mm (3.15kN)
<input checked="" type="checkbox"/> - 2400mm (3.6kN)	<input checked="" type="checkbox"/> - 2700mm (4.05kN)

OS BRACE TYPE #3	SYSTEM 6.0kN/m
OR EQUIVALENT	



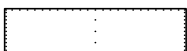
- FASTENER SPACING
 - 40mm TOP & BOTTOM PLATES
 - 150mm VERTICAL EDGES
 - 300mm INTERMEDIATE STUDS
- MINIMUM SECTION OF BRACING OF 900mm
- 2mm DIPS ON EACH SIDE OF THE JOINT OF EVERY PANEL
- 2.3x30mm FLAT HEAD GALVANISED OR CORROSION RESISTANT NAILS, OR THEIR GUN DRIVEN EQUIVALENT, MINIMUM OF 15mm FROM EDGE OR 2mm where PANELS ARE FIXED TO INTERNAL FRAMING

F3 - 900mm (5.4kN)	F3 - 1200mm (7.2kN)
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OS BRACE TYPE #4 OR EQUIVALENT	SHORT WALL BRACING	SYSTEM 2.2 kNm
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FASTENER SPACING

- 80mm TOP & BOTTOM PLATES
- 150mm VERTICAL EDGES
- M10 x 70mm COACH SCREWS WITH 50x50x3mm WASHERS IN EACH CORNER OF EACH SHEATHED SHORT WALL SECTION,
- MINIMUM SECTION OF 450mm
- 2mm DEPAVON GGF ACQUAD FRAMER OF EVERY PANEL
- 2.8x30mm FLAT HEAD GALVANISED OR CORROSION RESISTANT NAILS ON THEIR GUN DRIVEN EQUIVALENT. MINIMUM OF 15mm FROM EDGE OR 8mm WHERE PANELS ARE FIXED TO INTERNAL FRAMING



P₁₄ - 450mm (1.0kN)	P₁₄ - 600mm (1.3kN)
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○ ADDITIONAL ANGLE BRACE

WINDSPEED (per residence) :	N I
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W1	38	m ²	=	21	kN
W2	14	m ²	=	8	kN