

## LOWER WALL FRAME LAYOUT

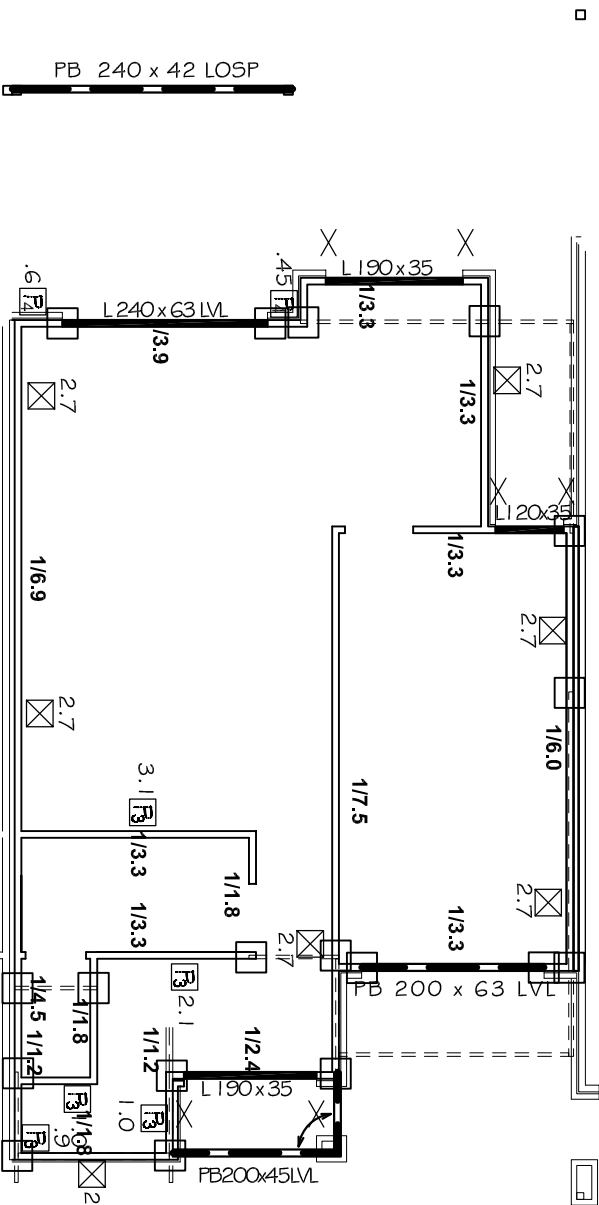
CEILING HEIGHT - 2700mm

## 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  
STUDS BLOCKED OVER 2 SINGLE 90X35 MGP 10 STUDS  
WITH 90x70 MGP 10 BLOCKING  
NOGGING 90x35 PINE @ 1350 MAX CTS  
1/90X35 MGP 10 DIRECTLY BENEATH INTERNAL SUPPORT  
ALL STRUCTURAL MATERIAL TO BE MGP 10, UNO.  
SILL TRIMMERS DOUBLED WHERE OPENING < 3.0 m/s  
ALL MATERIALS ALLOWED AS PER AS 1684.2-2010  
WET AREA STUDS @ 450 CTS  
WITH 3 STUD JUNCTIONS

NON-LOAD BEARING WALLS UNDER TRUSSES SET DOWN 20mm

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

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


# DWELLING 4

<b>D'ANDREA</b>	<b>WP PROPERTY GROUP</b> 541 ANZAC HWY, GLENELG EAST	<b>AMENDMENTS</b>  ..... ..... ..... ..... .....	SHEET 1/5		<b><u>OAKRIDGE</u></b> <b><u>BUILDING SERVICES</u></b> PH : 83837222      FAX : 83837225	WINDSPEED (per residence) :      N I			
			DATE : 25/05/18						
	SCALE: 1 : 100								
	Detailer: Matt Ope		Signed: 	JOB No. T109730			W1	78 m <sup>2</sup> =	44 kN
							W2	42 m <sup>2</sup> =	24 kN

**TOP PLATE FIXING DETAILS - PARALLEL TO WALL**

- TABLE 8.22 (C)

\* 6/3.05 DIAM. NAILS - 5.0KN  
\* 3/NO. 1.4 TYPE 1.7 SCREWS - 1.0KN

BRACING WALL

90x35 F8 BRIDGING PIECE

30° (MAX)

TWO LOOFTED 30x0.8 GALV STRAPS 413x2 & NAILS EACH END AND TO BRIDGING

3/7.5x3.05mm NAILS

TRUSS BOTTOM CHORD

BLOCKS NAILED OR SCREWED

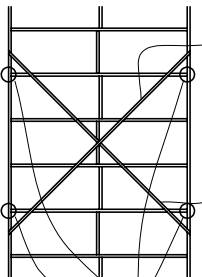
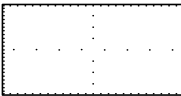
**TOP PLATE FIXING DETAILS - PERP. TO WALL**

BRACING WALL

TRUSS BOTTOM CHORD

INTERNAL WALL BRACKET NAILED AT TOP OF SLOTT. DO NOT DRIVE HOME TO ALLOW FOR VERTICAL MOVEMENT OF TRUSS

\* 6/3.05 DIAM. NAILS - 5.0KN  
\* 3/NO. 1.4 TYPE 1.7 SCREWS - 1.0KN

TENSION STRAP BRACE - TABLE 6.1 (b) (D)	
	<p>4 / 30x2.0mm GALV. NAILS INTO WIDE FACE OF PLATE</p> <p>30x0.8mm GALV. STRAP 4/30x2.0mm GALV. NAILS TO EACH STUD</p> <p>BOTTOM PLATE FIXED TO FLOOR AS PER TIEDOWN SHEET</p>
<p>☒ - 1 800mm (5.4kN)</p> <p>☒ - 2 100mm (6.3kN)</p>	<p>☒ - 2 400mm (7.2kN)</p> <p>☒ - 2 700mm (8.1 kN)</p>
<p>OS BRACE TYPE #3   SYSTEM 6.0kN/m OR EQUIVALENT</p> <p>FASTENER SPACING</p> <ul style="list-style-type: none"> <li>- 40mm TOP &amp; BOTTOM PLATES</li> <li>- 150mm VERTICAL EDGES</li> <li>- 300mm INTERMEDIATE STUDS</li> </ul> <p>MINIMUM SECTION OF BRACING OF 900mm - 2mm EXPANDED GAP AROUND PERIMETER OF EVERY PANEL</p> <p>2.0x30mm FLAT HEAD GALVANISED OR CORROSION RESISTANT NAILS, OR THEIR GUN DRIVEN EQUIVALENT, MINIMUM OF 15mm FROM EDGE OR 8mm WHERE PANELS ARE FIXED TO INTERNAL FRAMING</p> 	
<p>☒ - 900mm (5.4kN)</p>	<p>☒ - 1 200mm (7.2kN)</p>

<p><b>OS BRACE TYPE #4   SHORT WALL BRACING   SYSTEM 2.2.4M</b></p> <p><b>OR EQUIVALENT</b></p>	<p><b>FASTENER SPACING</b></p> <ul style="list-style-type: none"> <li>- 80mm TOP &amp; BOTTOM PLATES</li> <li>- 150mm VERTICAL EDGES</li> <li>- M10 x 70mm COACH SCREWS WITH 50x50x3mm WASHERS IN EACH CORNER OF EACH SHEATHED SHORT WALL SECTION</li> <li>- MINIMUM SECTION OF BRACING OF 450mm</li> <li>- 2mm DRIPGAP ON AROUND THE MINIMUM EXTERIOR PANEL</li> <li>- 2.8x30mm FLAT HEAD GALVANISED OR CORROSION RESISTANT NAILS, OR THEIR GUN DRIVEN EQUIVALENT, MINIMUM OF 15mm FROM EDGE OR 8mm WHERE PANELS ARE FIXED TO INTERNAL FRAMING</li> </ul>		
<p><b>○ ADDITIONAL ANGLE BRACE</b></p>	<table border="1"> <tr> <td data-bbox="378 2338 426 2582"> <p><b>[P]</b> - 450mm (1.0kN)</p> </td> <td data-bbox="378 2582 426 2837"> <p><b>[P]</b> - 600mm (1.3kN)</p> </td> </tr> </table>	<p><b>[P]</b> - 450mm (1.0kN)</p>	<p><b>[P]</b> - 600mm (1.3kN)</p>
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