

LOWER WALL FRAME LAYOUT





CEILING HEIGHT - 2700mm

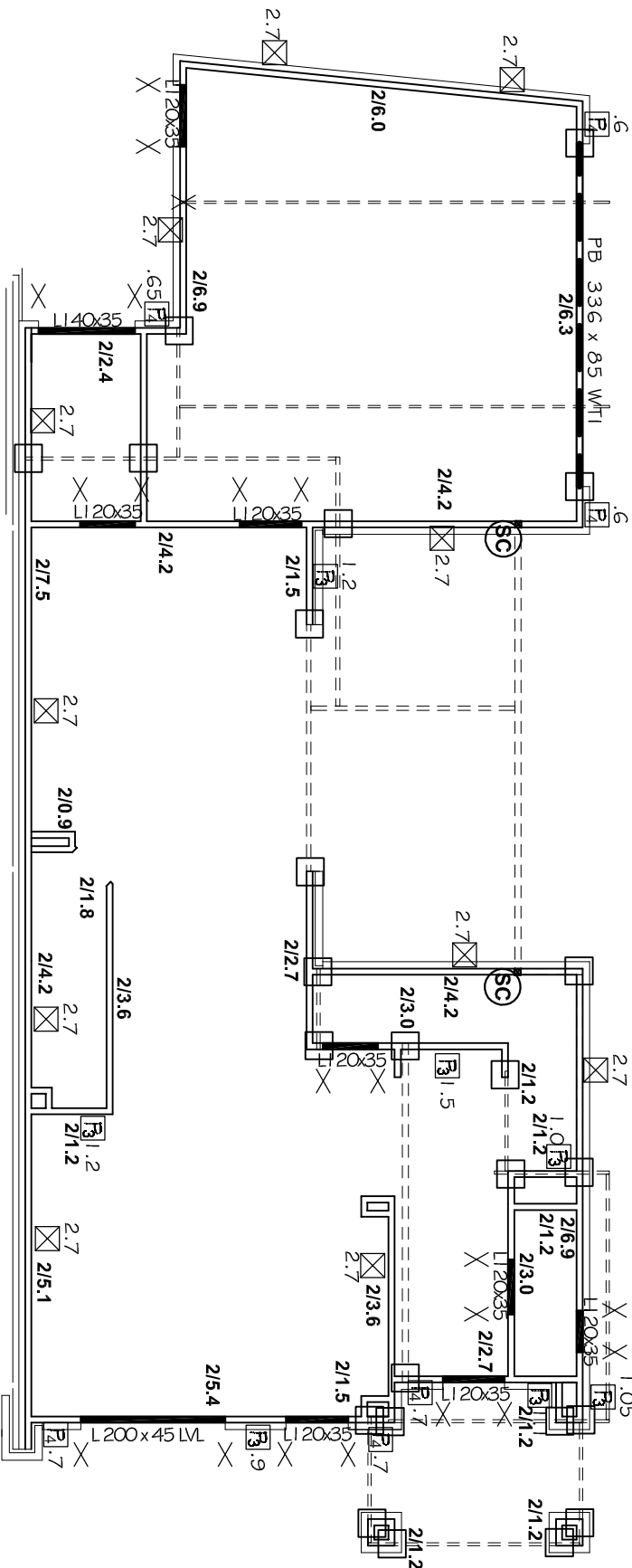
STRUCTURAL DETAILS

T & B PLATES 90x35 MGF 10 UNO
 INTERNAL STUDS 90x35 MGF 10 @ 600 CTS UNO
 STUDS POSITIONED DIRECTLY BENEATH RAFTER/RUSS
 @ MAX 600MM CTS
 INTERNAL STUDS 90x35 MGF 10 @ 600 CTS UNO
 NOGGING 90x35 FINE @ 1350 MAX CTS
 1/90x35 MGF 10 DIRECTLY BENEATH INTERNAL SUPPORT
 ALL STRUCTURAL MATERIAL TO BE MGF 10, UNO.
 SILL TIMBERES DOUBLED WHERE OPENING < 3.0 ms
 JOINT GROUP=JD5
 ALL MATERIALS ALLOWED AS PER AS 1684.2-2010
 WET AREA STUDS @ 450 CTS
 WITH 3 STUD JOCTIONS

NON-LOAD BEARING WALLS UNDER TRUSSES SET DOWN 20mm


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

 = 1/90x45 MGP 10
 = 2/90x35 MGP 10
 = 2/90x45 MGP 10
 = STEEL COLUMN BY ENGINEER



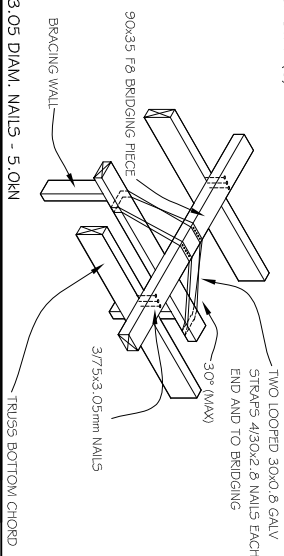
DWELLING 3

S:\OAKBRIDGE TAKEOFFS\DEDICATED DEVELOPMENTS\638 BURBRIDGE RD\DWLG 3\DWLG 3 638 BURBRIDGE RD.dwg

DEDICATED DEVELOPMENTS	BOJACK 638 BURBRIDGE RD , WEST BEACH		AMENDMENTS		OAKRIDGE BUILDING SERVICES PH : 83837222 FAX : 83837225	WINDSPEED (per residence) : N I	
	Detailer: Matt Ope	Signed: 	SHEET 1/6 DATE : 15/02/19 SCALE: 1 : 100 JOB No. T102399		W1 W2	9G m ² = 4G m ² =

TOP PLATE FIXING DETAILS - PARALLEL TO WALL

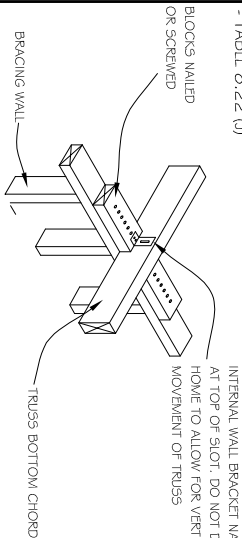
- TABLE 8.22 (C)



* 6/3.05 DIAM. NAILS - 5.0KN

TOP PLATE FIXING DETAILS - PERP. TO WALL

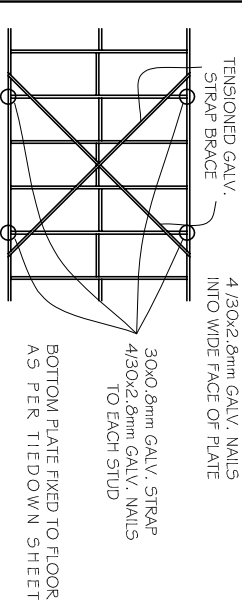
- TABLE 8.22 (J)



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

BRACING UNITS

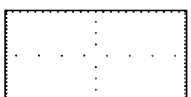
TENSION STRAP BRACE - TABLE 8.18 (D)



- ☒ - 1800mm (5.4kN)
- ☒ - 2100mm (6.3kN)

<input checked="" type="checkbox"/>	- 2400mm (7.2kN)	<input checked="" type="checkbox"/>	- 2700mm (8.1kN)
-------------------------------------	------------------	-------------------------------------	------------------

OS BRACE TYPE #3	SYSTEM 6.0kN/mm
------------------	-----------------



- FASTENER SPACING
 - 40mm TOP & BOTTOM PLATES
 - 150mm VERTICAL EDGES
 - 300mm INTERMEDIATE STUDS
- MINIMUM SECTION OF BRACING OF 900mm
- 2mm DEPRESSION AT AROUND PERIMETER OF EVERY PANEL
- 2. & 3.0mm 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

F3 - 900mm (5.4kN) **F3** - 1200mm (7.2kN)

OS BRACE TYPE #4 OR EQUIVALENT	SHORT WALL BRACING	SYSTEM 2.2 kN/m
-----------------------------------	--------------------	-----------------



- FASTENER SPACING
- 80mm TOP & BOTTOM PLATES
- 150mm VERTICAL EDGES
- M10 x 70mm COACH SCREWS WITH 50x50x3mm WASHERS IN EACH CORNER OF EACH SHEATH/SHORT WALL SECTION.
- MINIMUM SECTION OF BRACING OF 450mm
- 2mm PARAGON GUN BOARD/FIRMER OF FIBRE PANEL
- 2. 8x30mm FLAT HEAD GALVANISED OR CORROSION RESISTANT NAILS, OR THEIR CUM EQUIVALENT, MINIMUM OF 15mm FROM EDGE OR 6mm WHERE PANELS ARE FIXED TO INTERNAL FRAMING

P₁₄ - 450mm (1.0kN)

○ ADDITIONAL ANGLE BRACE

WINDSPEED (per residence) : N1

$$w_1 = 96 \text{ m}^2 = 54 \text{ kN}$$
$$w_2 = 46 \text{ m}^2 = 26 \text{ kN}$$