LOWER WALL FRAME LAYOUT

CEILING HEIGHT - 2700mm

STRUCTURAL DETAILS

T & B PLATES 90x35 MGP10 UNO
EXTERNAL STUDS 90x35 MGP10 @ 600 CTS UNO
STUDS POSITIONED DIRECTLY BENEATH RAFTER/TRUSS
@ MAX 600MM CTS
INTERNAL STUDS 90x35 MGP10 @ 600 CTS UNO
STRUTS BLOCKED OVER 2 SINGLE 90X35 MGP10 STUDS
WITH 90x70 MGP10 BLOCKING
NOGGING 90x35 PINE @ 1350 MAX CTS
1/90X35 MGP10 DIRECTLY BENEATH INTERNAL SUPPORT
ALL STRUCTURAL MATERIAL TO BE MGP10, UNO.
SILL TRIMMERS 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 JUNCTIONS

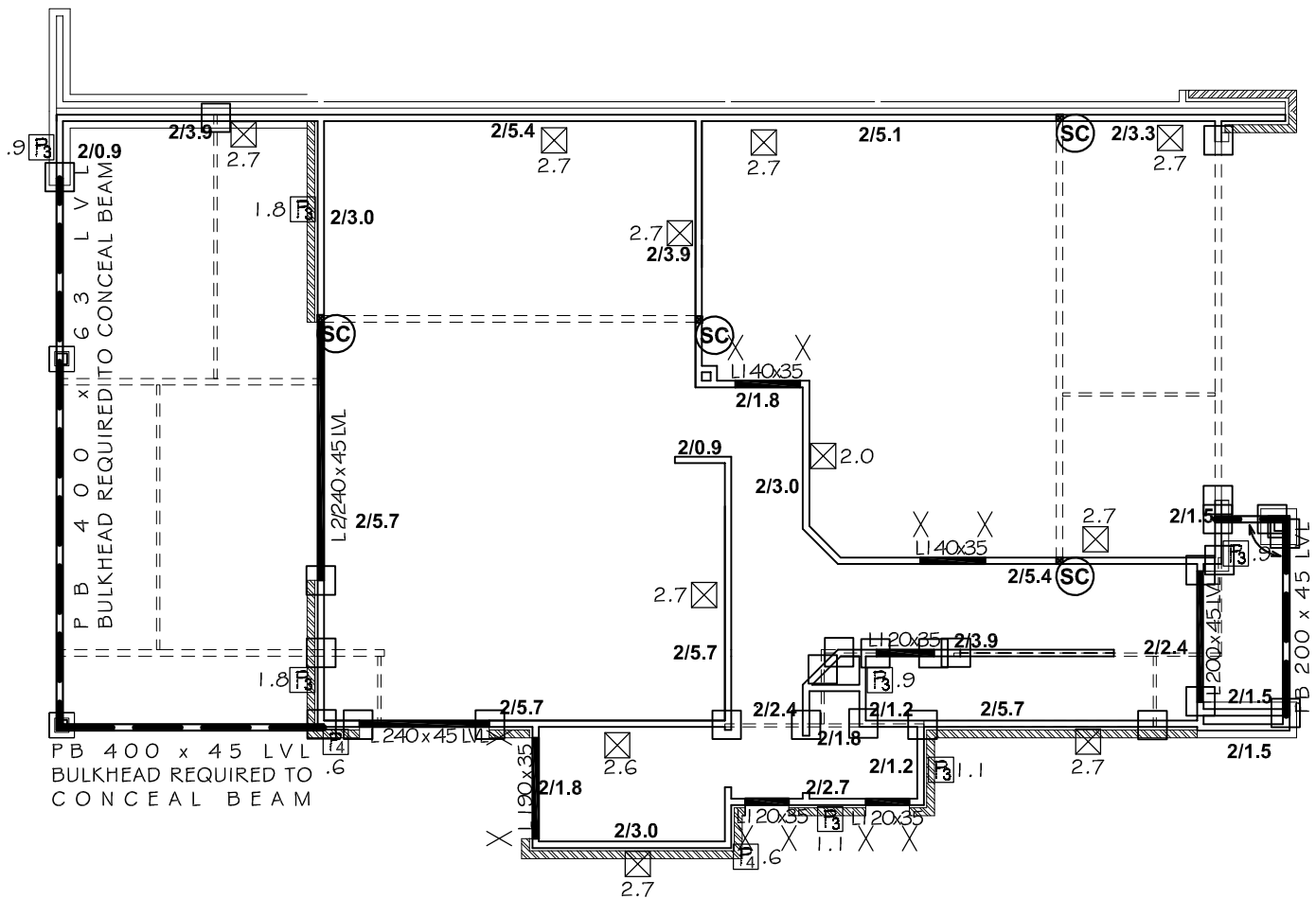
NON-LOAD BEARING WALLS UNDER
TRUSSES SET DOWN 20mm

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

△ = 1/90x45 MGP10
X = 2/90x35 MGP10
□ = 2/90x45 MGP10

(SC) = STEEL COLUMN BY ENGINEER

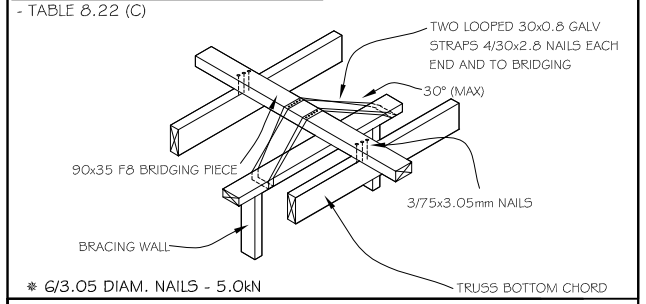
ROOF COVERING :	C/BOND
ROOF PITCH :	22.5 deg
CEILING HEIGHT :	2700 mm
OVERHANG :	450/300 mm



DWELLING 1

TOP PLATE FIXING DETAILS - PARALLEL TO WALL

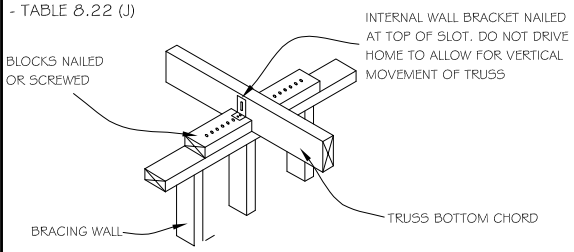
- TABLE 8.22 (C)



* 6/3.05 DIAM. NAILS - 5.0kN

TOP PLATE FIXING DETAILS - PERP. TO WALL

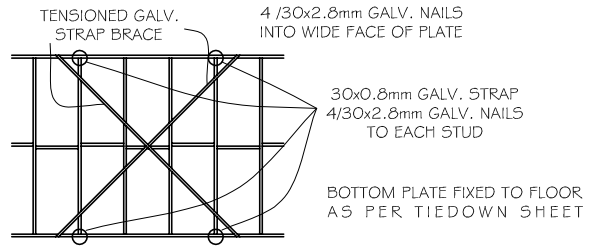
- TABLE 8.22 (J)



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

BRACING UNITS

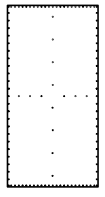
TENSION STRAP BRACE - TABLE 8.18 (D)



☒ - 1800mm (5.4kN)	☒ - 2100mm (6.3kN)
☒ - 2400mm (7.2kN)	☒ - 2700mm (8.1kN)

OS BRACE TYPE #3 | SYSTEM 6.0kN/m

OR EQUIVALENT



FASTENER SPACING
- 40mm TOP & BOTTOM PLATES
- 150mm VERTICAL EDGES
- 300mm INTERMEDIATE STUDS

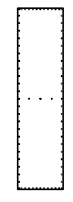
- MINIMUM SECTION OF BRACING OF 900mm
- 2mm EXPANSION GAP AROUND PERIMITER OF EVERY PANEL

- 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

P3 - 900mm (5.4kN)	P3 - 1200mm (7.2kN)

OS BRACE TYPE #4 | SHORT WALL BRACING | SYSTEM 2.2 kN/m

OR EQUIVALENT

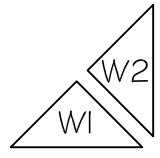


FASTENER SPACING
- 80mm TOP & BOTTOM PLATES
- 150mm VERTICAL EDGES
- M10 x 70mm COACH SCREWS WITH 50x50x3mm WASHERS IN EACH CORNER OF EACH SHEATHED SHORT WALL SECTION.
- MINIMUM SECTION OF BRACING OF 450mm
- 2mm EXPANSION GAP AROUND PERIMITER OF EVERY PANEL

- 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

P4 - 450mm (1.0kN)	P4 - 600mm (1.3kN)

○ ADDITIONAL ANGLE BRACE



S:\OAKRIDGE TAKEOFFS\DEDICATED DEVELOPMENTS\638 BURBRIDGE RD\DWLG 1\DWLG 1 638 BURBRIDGE RD.dwg

DEDICATED DEVELOPMENTS

BOJACK
638 BURBRIDGE RD , WEST BEACH

Detailer: Matt Opie Signed:

AMENDMENTS
.....
.....
.....

SHEET 1/5
DATE : 14/02/19
SCALE: 1 : 100
JOB No. TT02397

OAKRIDGE
BUILDING SERVICES
PH : 83837222 FAX : 83837225

WINDSPEED (per residence) :				N1
W1	102	m²	=	57 kN
W2	55	m²	=	31 kN