


BRACING LAYOUT
SCALE 1 : 100

WIND BRACING - C2			
DIRECTION A			
WALL	TYPE	LENGTH (m)	CAP. (kN)
A - E	PLY 8.18(h) Method A 5.6 kN/m	5 @ 0.6m	16.8 kN
F - M	PLY 8.18(h) Method B 5.2 kN/m	8 @ 0.9m	37.44 kN
N	FULL PLY 8.18(h) Method B 5.2 kN/m	1.0m	5.2 kN
O - S	STRAP 8.18(d) Method 3.0 kN/m	12.6m	37.8 kN
PROVIDED			97.24 kN
REQUIRED			84.94 kN
DIRECTION B			
WALL	TYPE	LENGTH (m)	CAP. (kN)
1 & 21	PLY 8.18(h) Method A 5.6 kN/m	2 @ 0.6m	6.72 kN
2 - 14	PLY 8.18(h) Method B 5.2 kN/m	13 @ 0.9m	60.84 kN
15 - 17	FULL PLY 8.18(h) Method B 5.2 kN/m	3.2m	16.64 kN
18 - 20	STRAP 8.18(d) Method 3.0 kN/m	7.2m	21.6 kN
PROVIDED			105.8 kN
REQUIRED			91.47 kN

PLY BRACING ELEMENTS SHOWN IN
SOLID HATCH, UNO ALL BRACES 0.9m LONG.
WALL BRACING FROM F14 TESTED STRUCTURAL PLYWOOD TO
A.S. 2269 PLYWOOD (STRUCTURAL). 4.5MM THICK FASTENED
AS PER 1684.2-2021 RESIDENTIAL TIMBER FRAMED
CONSTRUCTION, TABLE 8.18 (H) METHOD A & METHOD B,
SPECIFICATIONS SO AS TO PROVIDE 5.6KN/M & 5.2KN/M
DESIGN RACKING RESISTANCE.
CROSS HATCHED BRACING INDICATES 1.8m LONG UNO STRAP
BRACING AS PER AS1684.2-2021 TABLE 8.18 (D) TO PROVIDE
3.0kN/m DESIGN RACKING DISTANCE.

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			Issue For Construction	07/11/2024	M0	D	Scale: <i>As Shown (Don't Scale DWG)</i>		Rev:
			Issue For Construction	02/09/2024	M0	C	Certified: 		D
			Issue For Approval	23/05/2024	M0	B	Drawn: BH		Project No.: 23372_BE_B1
			Issue For Approval	26/04/2024	M0	A	Date: 26/04/2024		No: 6
Description:			Date:	By:	Rev:	Page 6 of 8			