

WALL BRACING CALCULATIONS

CLIENT B. SHEERAN.
 STOREY SINGLE SEISMIC ZONE 2
 ROOF TYPE LIGHT SEISMIC VALUE 2
 ROOF PITCH 45° BUILDING LENGTH 7.22m
 WIND AREA LOW BUILDING WIDTH 6.30m
 WIND VALUE ALONG 11 + 37 = 48 ROOF PLAN AREA 48.18 m²
 WIND VALUE ACROSS 48
 SEISMIC BRACING UNITS 97
 WIND ALONG BRACING UNITS 303
 WIND ACROSS BRACING UNITS 336

WALL LINE	B. UNITS MINIMUM	LABEL NUMBER	TYPE	RATING	LENGTH	B. UNITS PROVIDED	B. UNITS REQUIRED
A	100	1	1	42	2.00	100	
		2	1	42	2.00	100	
B	100	3	1	42	2.00	100	
		4	1	42	2.00	100	
	200					400	336
C	100	5	1	42	2.00	100	
		6	1	42	2.00	100	
D	100	7	10	83	1.10	91	
		8	10	83	1.10	91	
	200					382	

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 13 DEC 1990
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