

NOTES:


USE ONLY FIGURED DIMENSIONS
CONFIRM ALL DIMENSIONS PRIOR
TO CONSTRUCTION.

ALL CONSTRUCTION TO COMPLY
WITH NZS 3604 : 1999 TIMBER
FRAMED BUILDINGS, NZBC
HANDBOOK AND APPROVED
DOCUMENTS AND LOCAL
AUTHORITY BYLAWS.

JOB STAGE :

CONSENT ONLY

NORTH POINT :



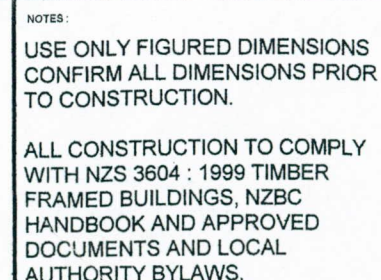
JOB TITLE :
BROWN HOUSE
15 SCOTSWOOD ST.
WAIKAIA

DRAWING TITLE :

**BRACING PLAN
& CALABRATIONS**

DRAWN :	DATE :	SCALE :
RSW	17/10/05	1:100
DRAWING NUMBER :	REVISION :	
05031-A08		

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- Consent Drawings & Specifications

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REVISION:

BRACING CALCULATIONS		ALONG										ACROSS													
		Bracing Line		Bracing Elements Provided					Wind		Earthquake		Bracing Line		Bracing Elements Provided					Wind		Earthquake			
		Line	Min BUs	Brace	Brace	Brace	Brace	Brace	Rating	BUs	Rating	BUs	Line	Min BUs	Brace	Brace	Brace	Brace	Brace	Rating	BUs	Rating	BUs		
		Lable	Required	No.	Type	Length	Angle	Height	BUs/m	Achieved	BUs/m	Achieved	Lable	Required	No.	Type	Length	Angle	Height	BUs/m	Achieved	BUs/m	Achieved		
Building Height to Apex	6.0 m	A	72	A1	SP1	1.5	0.0	2.7	100	133.3	100	133.3	M	112	M1	SP1	1.8	0.0	2.3	100	187.8	100	187.8		
Roof Height Above Eaves	1.0 m	B	70	B1	G/B2	1.8	0.0	2.3	75	140.9	60	112.7	N	70	N1	G/B3	1.8	0.0	2.3	65	122.1	60	112.7		
Stud Height	3.0 m	C	70	C1	G/B2	2.2	0.0	2.7	75	146.7	60	117.3	O	112	O1	SP1	1.2	0.0	2.7	100	106.7	100	106.7		
Roof Pitch	0 - 25 °	D	72	D1	SP1	1.2	0.0	2.3	100	125.2	100	125.2			O2	SP1	1.2	0.0	2.7	100	106.7	100	106.7		
Building Length (BL)	10.8 m																								
Building Width (BW)	7.2 m																								
Wind Zone	Medium																								
W along	40 BUs/m																								
W across	30 BUs/m																								
W along x BW	288.0 BUs																								
W across x BL	324.0 BUs																								
Location of Storey	Single																								
Floor Load	2kPa																								
Roof Weight	Light																								
Cladding Weights:																									
- Subfloor	Concrete Floor																								
- Lower Floor	Light																								
- Upper Floor	Light																								
Room in Roof Space	No																								
Gross Plan Area (GPA)	77.8 m2																								
Earthquake Zone	B																								
EQ	2.7 BUs/m2	Totals Achieved								W	546.1	E	488.6	Totals Achieved								W	523.2	E	513.9
EQ x GPA	210.0 BUs	Totals Required								W	288.0	E	210.0	Totals Required								W	324.0	E	210.0