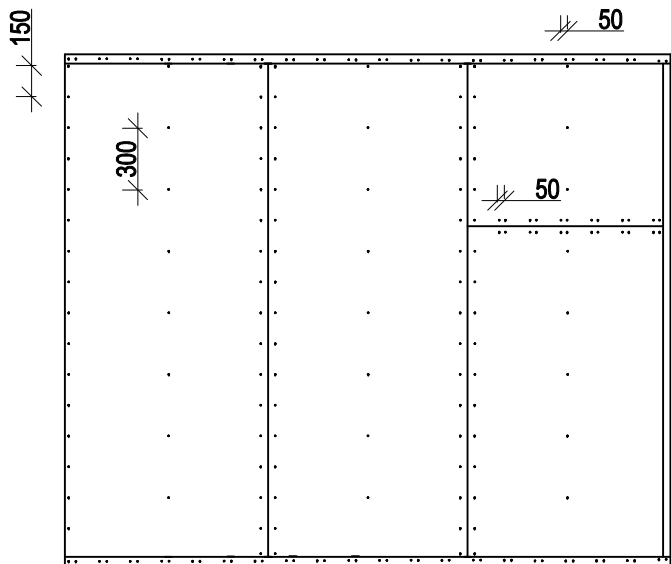


**GROUND FLOOR**

**PLYWOOD**  
 PLYWOOD SHALL BE NAILED TO FRAME  
 USING 30/2.8mmØ FLATHEAD NAILS OR  
 EQUIVALENT.  
 HORIZONTAL BUTT JOINTS SHALL BE PERMITTED  
 PROVIDED NAIL FIXED TO NOGGING AT 50mm  
 CENTRES.



SHEETED PANEL SHALL BE  
 CONNECTED TO SUB FLOOR

**TYPE H METHOD 'B'**

**BRACING N2 GROUND FLOOR**

DIRECTION	AREA	PRESSURE	REQUIRED	ACHIEVED
↕	38.9m <sup>2</sup>	0.92	35.8 Kn	54.0 kN
↔	137.0m <sup>2</sup>	0.81	110.97 kN	145.8 kN

A= 6kN/m plywood bracing as per AS1684.2-2006  
 Table 8.18 'h'.

**BRACING N2 FIRST FLOOR**

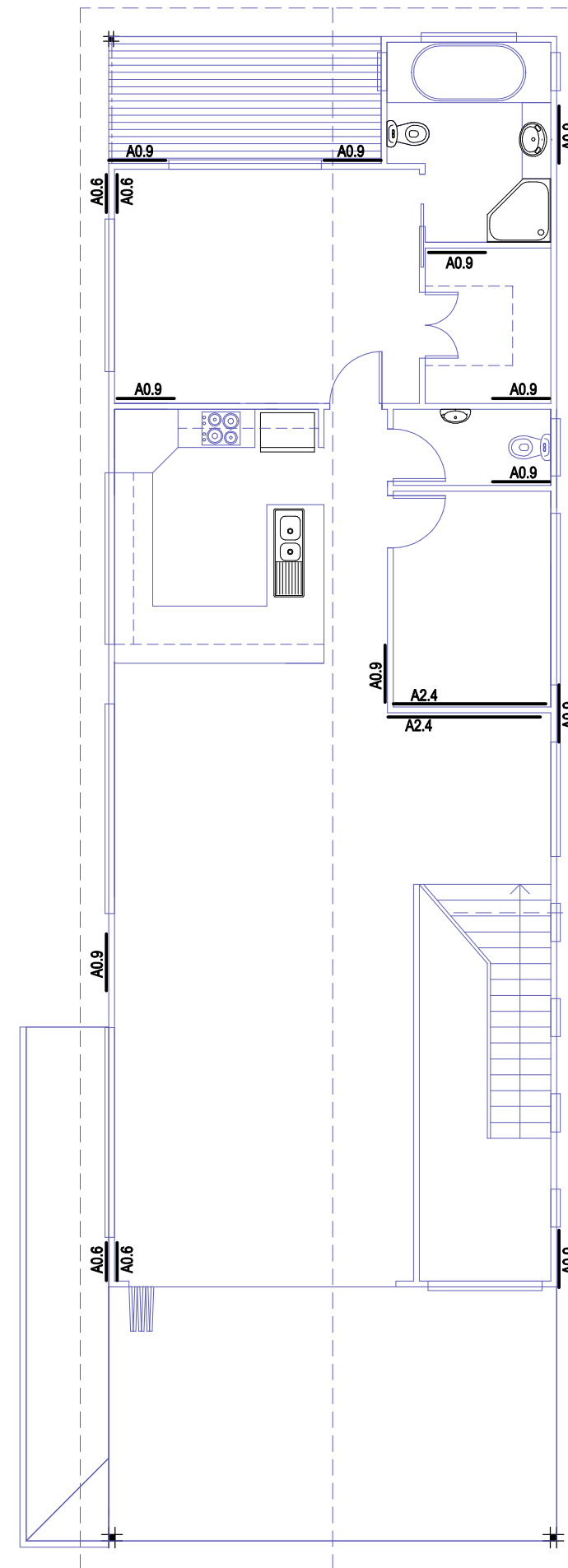
DIRECTION	AREA	PRESSURE	REQUIRED	ACHIEVED
↕	16.9m <sup>2</sup>	0.92	15.6 Kn	37.8 kN
↔	75.8m <sup>2</sup>	0.70	53.06kN	61.2 kN

note: engineer to confirm adequacy of bracing  
 at front of house and redesign if required

FASTENER SPACING =50mm  
 VERTICAL EDGES=150mm  
 INTERMEDIATE STUDS=300mm

BRACING CAPACITY=6.0 kN/M

MINIMUM PLYWOOD THICKNESSES (mm)		
STRESS GRADE	STUD SPACING (mm)	
	450	600
F8	7	9
F11	6	7
F14	4	6
F27	4	4.5



**FIRST FLOOR**