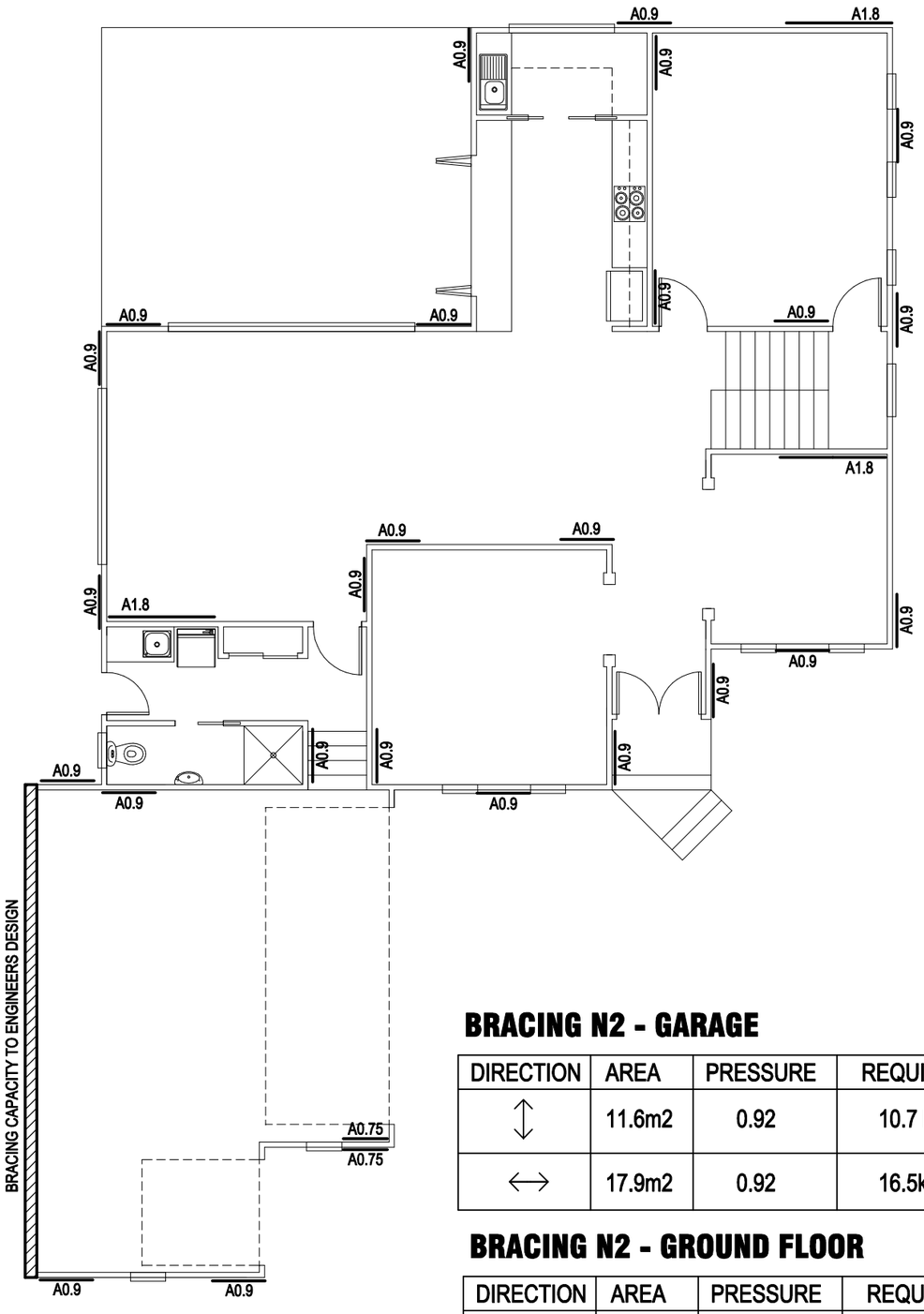
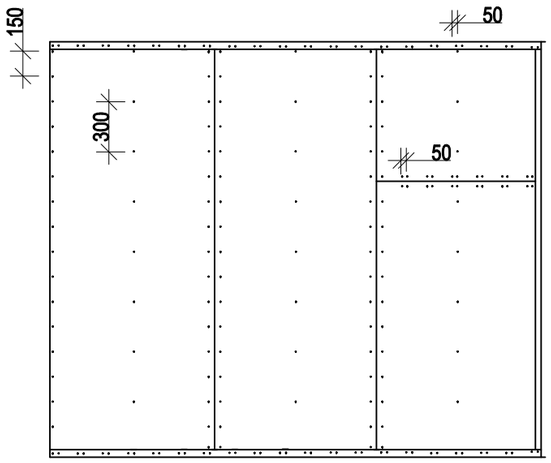


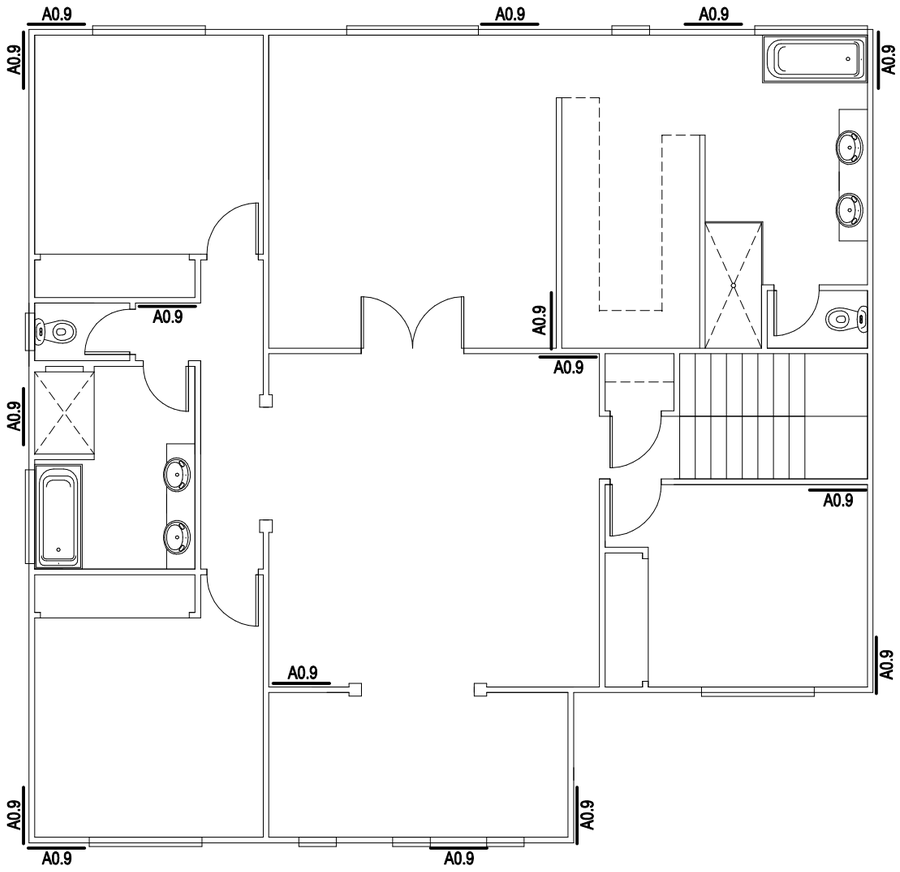
BRACING CAPACITY=6.0 kN/M

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



SHEETED PANEL SHALL BE CONNECTED TO SUB FLOOR

TYPE H METHOD 'B'



BRACING N2 - GARAGE

DIRECTION	AREA	PRESSURE	REQUIRED	ACHIEVED
↕	11.6m2	0.92	10.7 Kn	block wall to eng. design
↔	17.9m2	0.92	16.5kN	22.9 kN

BRACING N2 - GROUND FLOOR

DIRECTION	AREA	PRESSURE	REQUIRED	ACHIEVED
↕	69.3m2	0.92	63.8 Kn	70.2 kN
↔	79.2m2	0.92	72.9 kN	81.0 kN

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

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

PLYWOOD
PLYWOOD SHALL BE NAILED TO FRAME USING30/2.8mmØ FLATHEAD NAILS OR EQUIVALENT.
HORIZONTAL BUTT JOINTS SHALL BE PERMITTED PROVIDED NAIL FIXED TO NOGGING AT 50mm CENTRES.

BRACING N2 - FIRST FLOOR

DIRECTION	AREA	PRESSURE	REQUIRED	ACHIEVED
↕	28.3m2	0.92	26.1 Kn	37.8 kN
↔	39.7m2	0.92	36.6 kN	48.6 kN

pjm design + drafting
unit 24 dennis court, 8 dennis rd springwood, 4127
p.o. box 1362, springwood, qld, 4127
p: 3299 5160 f: 3299 5679
m: 0401 229 148 e: pjmdd@optusnet.com.au
qbsa: 1053554 abn: 16 293 270 533

PROJECT	CLIENT	DRAWING TITLE	SCALE	NUMBER	DRAWN	DATE & REVISION
Proposed new house at Lot 661 Dorrington Drive, Ashgrove	Stentler	Bracing Plans	1:100	A05	pjm	November 2007