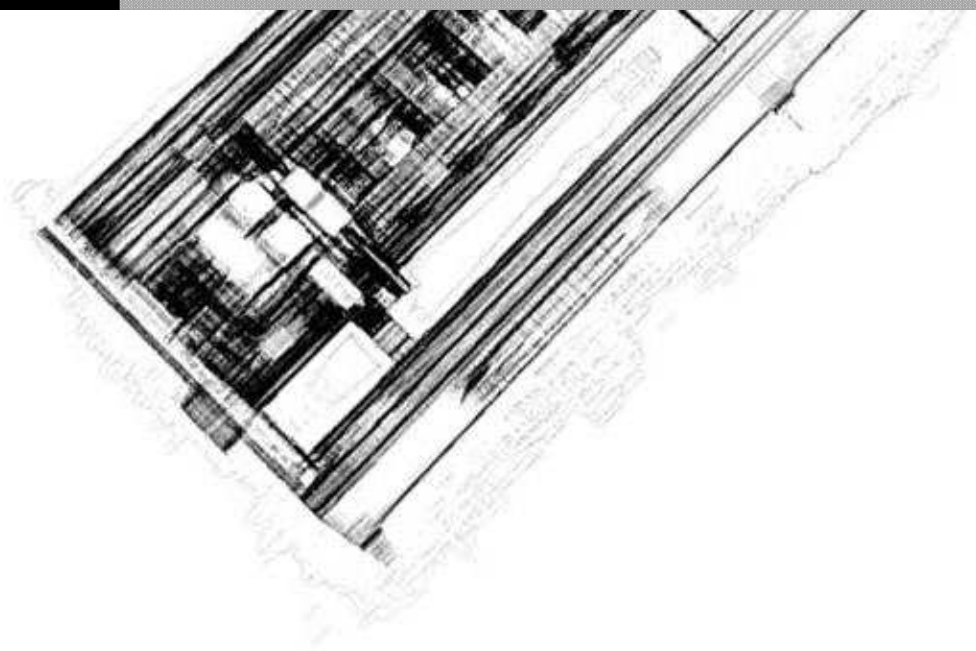
DIE-CRAFT ENG.

Steel Framing System Standard 75mm System Bracing Requirements

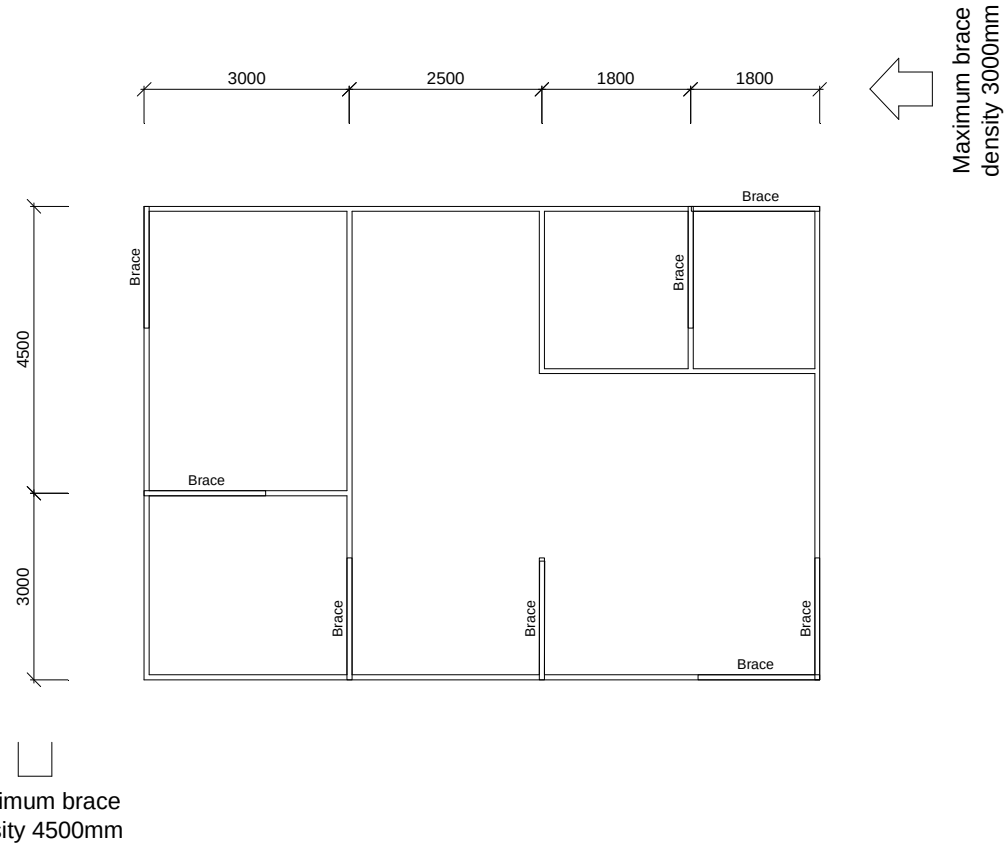


Maximum Brace Panel Spacing for N2								
Building Width (mm)	Maximum Spacing (mm)							
	Roof Pitch (mm)							
	5	10	15	17.5	20	25	30	35
< 4000	9000	9000	9000	9000	9000	7800	6700	6400
5000	9000	9000	9000	9000	9000	9000	7700	7200
6000	9000	9000	9000	9000	9000	9000	8600	7900
7000	9000	9000	9000	9000	9000	9000	9000	8500
8000	9000	9000	9000	9000	9000	9000	9000	8800
9000	9000	9000	9000	9000	9000	9000	9000	9000
10000	9000	9000	9000	9000	9000	9000	9000	9000
11000	9000	9000	9000	9000	9000	9000	9000	9000
12000	9000	9000	9000	9000	9000	9000	9000	9000
13000	9000	9000	9000	9000	9000	9000	9000	9000
14000	9000	9000	9000	9000	9000	9000	9000	9000

The maximum density of bracing must not exceed the figures shown in the table above.

Bracing should be evenly distributed throughout the length and width of the structure

Where the minimum bracing density can not be achieved, the use of a ceiling diaphram system will need to be employed.
The services of a practicing structural engineer should be sort.



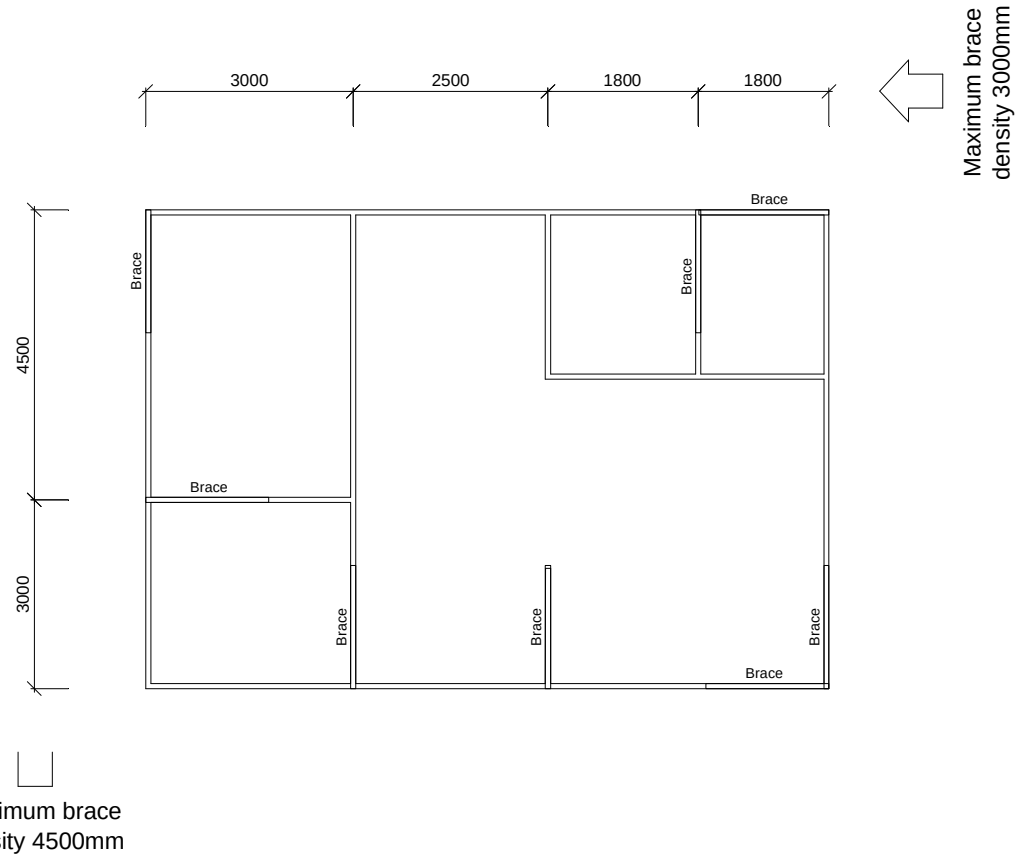
All calculations to AS/NZS 4600:1996

Maximum Brace Panel Spacing for C1								
Building Width (mm)	Maximum Spacing (mm) Roof Pitch (mm)							
	5	10	15	17.5	20	25	30	35
< 4000	9000	7400	7500	6400	6400	5100	4400	4200
5000	9000	9000	9000	7900	7900	6000	5000	4700
6000	9000	9000	9000	8800	8800	6700	5600	5100
7000	9000	9000	9000	9000	9000	7100	6100	5500
8000	9000	9000	9000	9000	9000	7600	6700	5700
9000	9000	9000	9000	9000	9000	7900	7200	5900
10000	9000	9000	9000	9000	9000	8400	7900	6200
11000	9000	9000	9000	9000	9000	8700	7900	6400
12000	9000	9000	9000	9000	9000	9000	7900	6600
13000	9000	9000	9000	9000	9000	9000	8100	6600
14000	9000	9000	9000	9000	9000	9000	8300	6700

The maximum density of bracing must not exceed the figures shown in the table above.

Bracing should be evenly distributed throughout the length and width of the structure

Where the minimum bracing density can not be achieved, the use of a ceiling diaphram system will need to be employed.
The services of a practicing structural engineer should be sort.



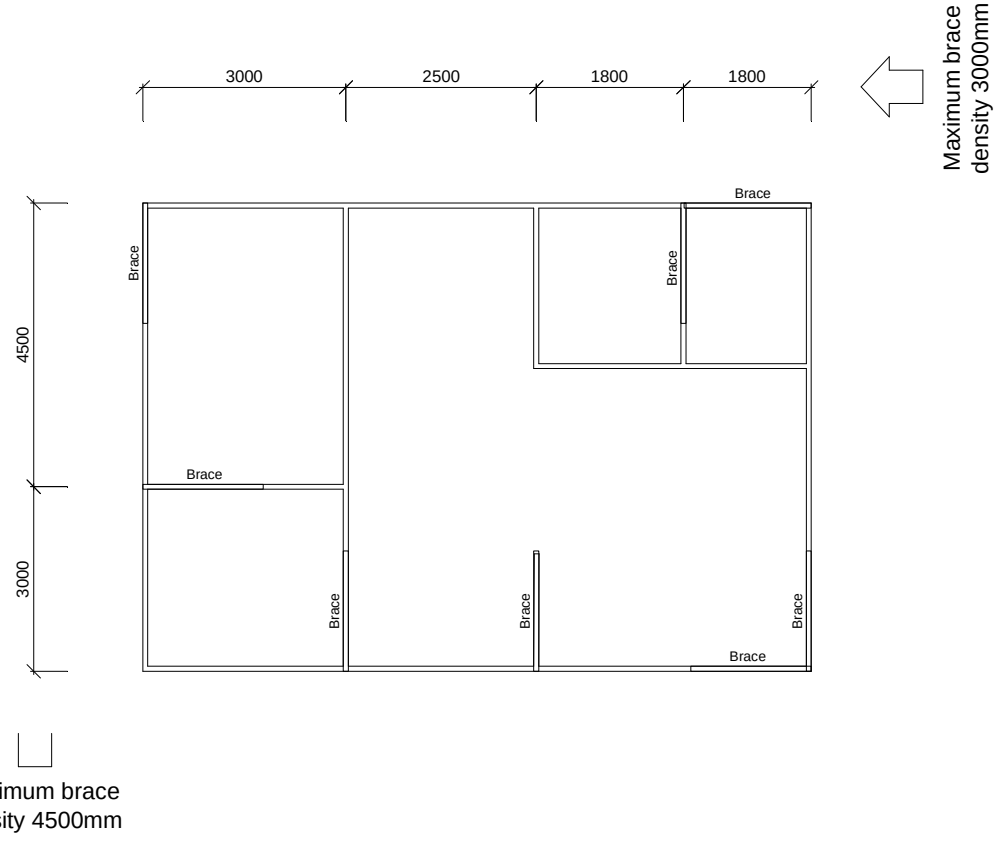
All calculations to AS/NZS 4600:1996

Maximum Brace Panel Spacing for N1								
Building Width (mm)	Maximum Spacing (mm) Roof Pitch (mm)							
	5	10	15	17.5	20	25	30	35
< 4000	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5000	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
6000	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
7000	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
8000	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
9000	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
10000	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
11000	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
12000	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
13000	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
14000	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00

The maximum density of bracing must not exceed the figures shown in the table above.

Bracing should be evenly distributed throughout the length and width of the structure

Where the minimum bracing density can not be achieved, the use of a ceiling diaphram system will need to be employed.
The services of a practicing structural engineer should be sort.



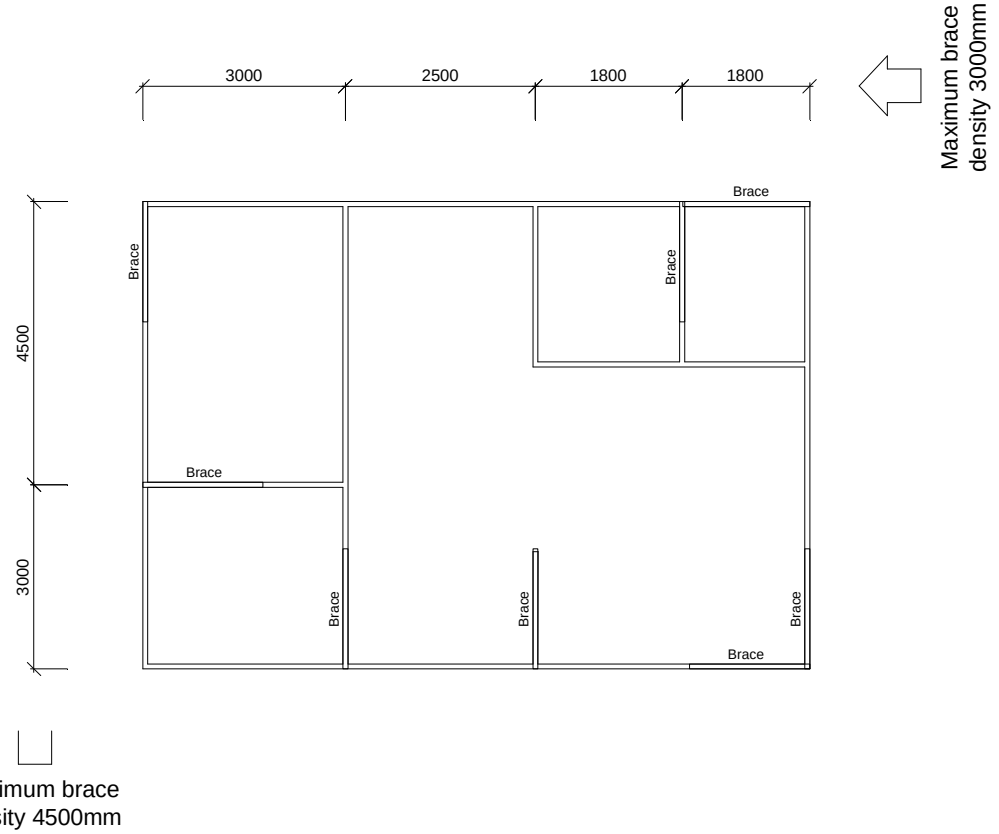
All calculations to AS/NZS 4600:1996

Maximum Brace Panel Spacing for N4								
Building Width (mm)	Maximum Spacing (mm)							
	Roof Pitch (mm)							
	5	10	15	17.5	20	25	30	35
< 4000	4900	4900	5000	4300	4300	3400	2900	2800
5000	6100	6100	6200	5200	5200	4000	3300	3100
6000	7300	7300	7400	5800	5800	4400	3700	3400
7000	8600	8600	8300	6300	6300	4700	4000	3700
8000	9000	9000	9000	6700	6700	5000	4400	3800
9000	9000	9000	9000	7100	7100	5200	4800	3900
10000	9000	9000	9000	7400	7400	5500	5200	4100
11000	9000	9000	9000	7700	7700	5800	5200	4200
12000	9000	9000	9000	7900	7900	5900	5200	4300
13000	9000	9000	9000	8100	8100	6100	5300	4300
14000	9000	9000	9000	8200	8200	6100	5500	4400

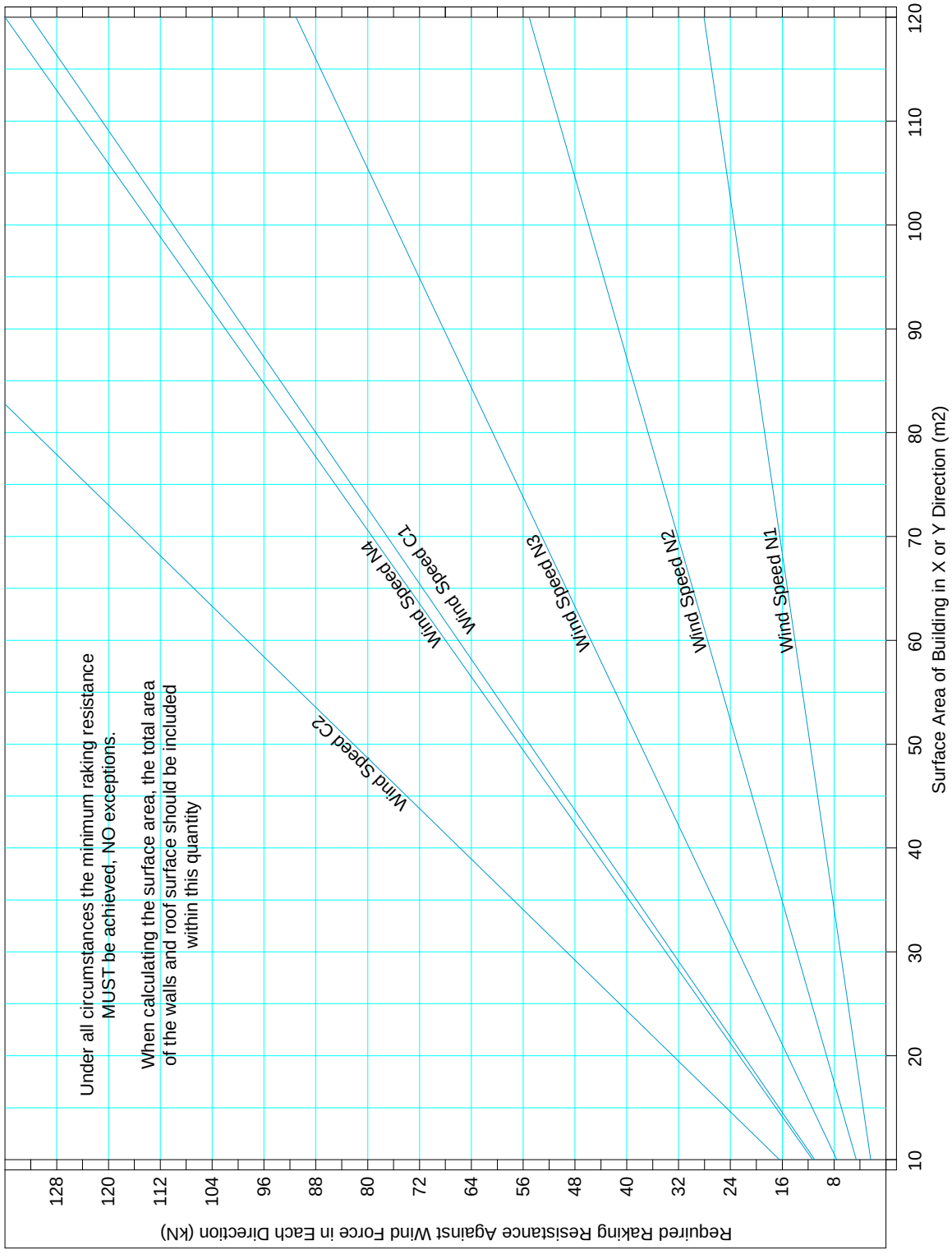
The maximum density of bracing must not exceed the figures shown in the table above.

Bracing should be evenly distributed throughout the length and width of the structure

Where the minimum bracing density can not be achieved, the use of a ceiling diaphram system will need to be employed.
The services of a practicing structural engineer should be sort.



All calculations to AS/NZS 4600:1996



All calculations to AS/NZS 4600:1996

Maximum Brace Panel Spacing for N3								
Building Width (mm)	Maximum Spacing (mm)							
	Roof Pitch (mm)							
	5	10	15	17.5	20	25	30	35
< 4000	9000	7400	7500	6400	6400	5100	4400	4200
5000	9000	9000	9000	7900	7900	6000	5000	4700
6000	9000	9000	9000	8800	8800	6700	5600	5100
7000	9000	9000	9000	9000	9000	7100	6100	5500
8000	9000	9000	9000	9000	9000	7600	6700	5700
9000	9000	9000	9000	9000	9000	7900	7200	5900
10000	9000	9000	9000	9000	9000	8400	7900	6200
11000	9000	9000	9000	9000	9000	8700	7900	6400
12000	9000	9000	9000	9000	9000	9000	7900	6600
13000	9000	9000	9000	9000	9000	9000	8100	6600
14000	9000	9000	9000	9000	9000	9000	8300	6700

The maximum density of bracing must not exceed the figures shown in the table above.

Bracing should be evenly distributed throughout the length and width of the structure

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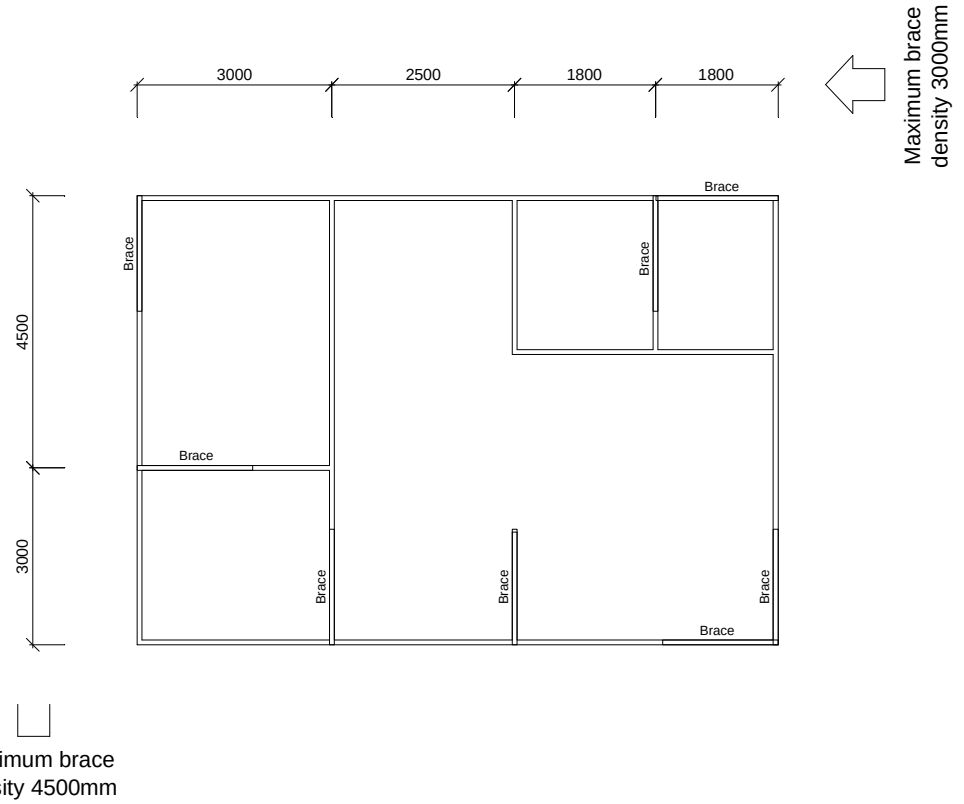

All calculations to AS/NZS 4600:1996

Maximum Brace Panel Spacing for C2								
Building Width (mm)	Maximum Spacing (mm)							
	Roof Pitch (mm)							
	5	10	15	17.5	20	25	30	35
< 4000	4900	4900	5000	4300	4300	3400	2900	2800
5000	6100	6100	6200	5200	5200	4000	3300	3100
6000	7300	7300	7400	5800	5800	4400	3700	3400
7000	8600	8600	8300	6300	6300	4700	4000	3700
8000	9000	9000	9000	6700	6700	5000	4400	3800
9000	9000	9000	9000	7100	7100	5200	4800	3900
10000	9000	9000	9000	7400	7400	5500	5200	4100
11000	9000	9000	9000	7700	7700	5800	5200	4200
12000	9000	9000	9000	7900	7900	5900	5200	4300
13000	9000	9000	9000	8100	8100	6100	5300	4300
14000	9000	9000	9000	8200	8200	6100	5500	4400

The maximum density of bracing must not exceed the figures shown in the table above.

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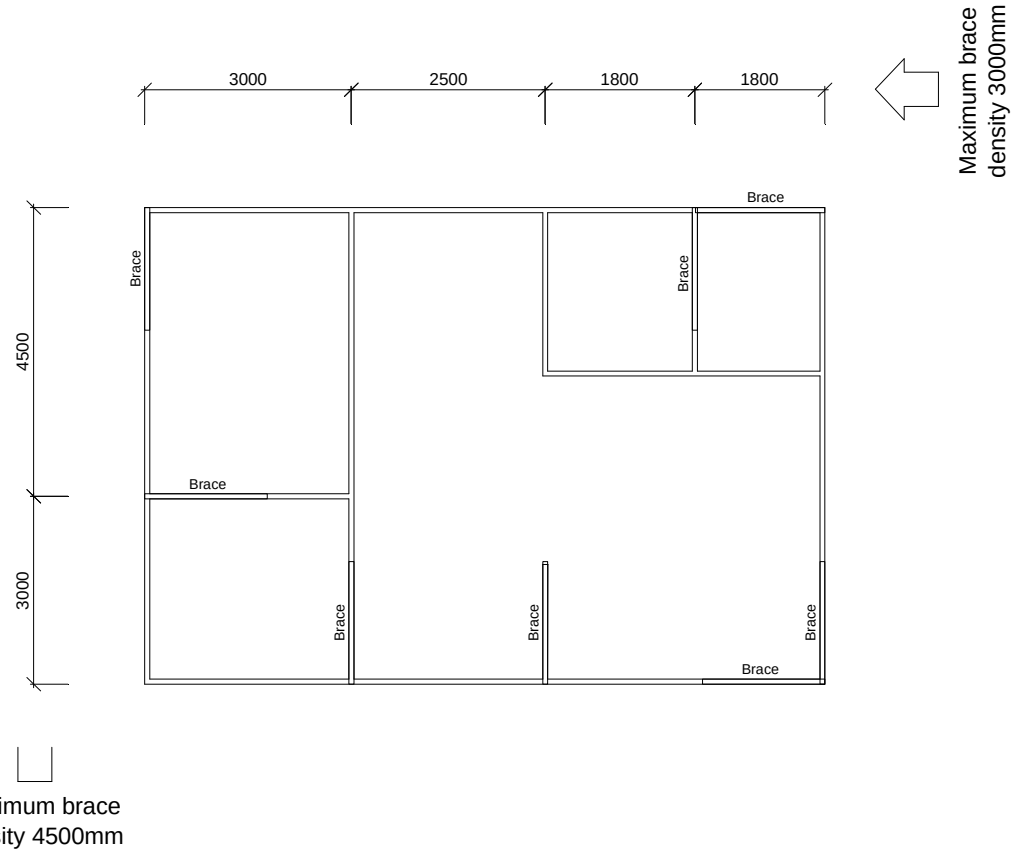

All calculations to AS/NZS 4600:1996