

STUD SCHEDULE

N/2 WIND CLASSIFICATION
STUDS @ 450 CTRS. NOT NOTCHED FOR BRACING

WALL STUD
CEILING LEVEL

SIZE
90 x 35

MATERIAL
MGP10

BOTTOM PLATE
RLW VALUE 4530
UP TO 2400

SIZE
2145 x 90

MATERIAL
MGP10

JAMB STUDS
MAIN ROOF RLW VALUE 4530
CEILING LEVEL 2400

SIZE
90 x 45

CEILING LEVEL

1300 - 2000

2000 - 3400

TOP PLATE
SLW VALUE 4530
UP TO 2400

SIZE
2145 x 90

MATERIAL
MGP10

BRACING LEGEND:

BRACING SUITABLE FOR N2 WIND CLASSIFICATION

WD1 = 25.65m² x 0.77 kPa WD2 = 41.64m² x 0.72 kPa

BRACING CAPACITY

WD1 = 19.75 kN/m WD2 = 29.98 kN/m

MIN NUMBER OF WALL BRACING UNITS FOR N2 WIND CLASSIFICATION

TYPE A TYPE B TYPE C TYPE D TYPE E TYPE F TYPE G TYPE H

0 0 0 0 0 0 0 0 0 0 4

*WD1 - PLASTERBOARD LINING PROVIDED MAX 50% OF UNIT BRACING CAPACITY

WD2 - PLASTERBOARD LINING PROVIDED MAX 50% OF UNIT BRACING CAPACITY

BRACING UNIT TYPE UNIT LENGTH CAPACITY BRACING kN/m

1. BARRED DIAGONAL METAL ANGLE BRACES 190 mm x 2700 mm 11

2. METAL ANGLE BRACES 190 mm x 2700 mm 11

3. DOUBLE DIAGONAL TENSION OR METAL STRAP BRACES 190 mm x 2700 mm 9.0

4. GRUVAWOOD STEEL BRACING 190 mm x 2700 mm 3.4

5. METAL ANGLE BRACING 190 mm x 2700 mm 6.0

NOTE: DOUBLE ANGLE BRACING REFERS TO MAX BRACING UNIT LENGTH

PLASTERBOARD LINING CAN BE USED AS BRACING UNIT MAX 50% OF

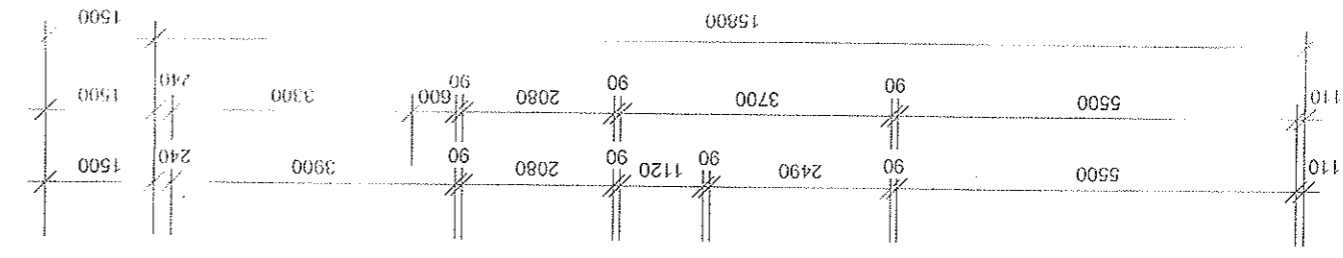
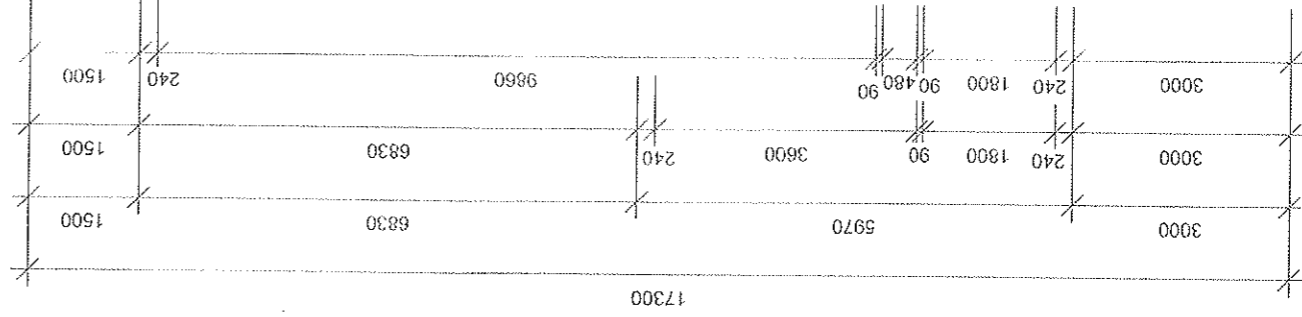
BRACING CAPACITY REFER TO AS 1684 (TABLE 8.17)

REFER TO AS 1684 (TABLE 8.17) FOR BRACING DETAILS AND MIN. NO

OF BRACING UNITS REFER TO FLOOR PLANS FOR LOCATIONS OF BRACING UNITS

AREA ANALYSIS

Name	Area	SQ'S
UNIT 6 RES.	102.57 m ²	11.04
UNIT 6 GARAGE	35.88 m ²	4.18



NOTE:
 - ALL EXTERNAL TIMBER TO BE TREATED
 - PROVIDE SUB FLOOR TERMITE PROTECTION IN ACCORDANCE WITH AS 3660 A1995
 - TYPE 'H' BRACING UNITS TO BE NOTCHED INTO STUDS
 - REFER TO ENGINEERS DESIGN FOR SLAB PLAN, BY BRIAN CONSULTING REF NO. 11-602 (6)

LEGEND:

- 240MM BRICK VENEER WALLS
- 90MM STUD WALLS
- SMOKE DETECTOR TO AS.3785
- EXHAUST FAN
- BRACING UNIT (REFER TO SCHEDULE, SHT. 1)
- DOWN PIPE
- WIND DIRECTION

