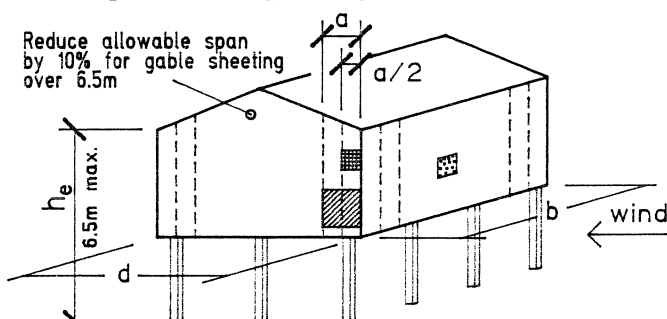


0.6 mm thick (tct) colourbond steel sheet.

SHEETING PROFILE

Reduce allowable span by 10% for gable sheeting over 6.5m



HIGH SET BUILDING - Clear unwallled space underneath
NOTE: Dimension 'a' is to be taken as the MINIMUM of 0.2b, 0.2d or the height h_e (refer Figure 3.3.3. AS1170.2-1989)

LOCAL PRESSURE FACTORS

TYPICAL HIGSET BUILDING on level ground

TABLE 1

TERRAIN CAT.	WALL AREA/ LOCATION	Cp,i	RESULTANT PRESS. KPa	Max. END SPAN * mm	Max. INTERNAL SPAN * mm	Max. SIMPLE SPAN * mm
1 and 2	GENERAL	0	1.18	* 1200	* 1200	1171
		+0.8	2.45	1043	1173	813
	CASE 1	0	1.59	* 1200	* 1200	1009
		-0.65	3.00	918	1060	734
	CASE 2a	0	1.78	* 1200	* 1200	955
		+0.8	3.05	941	1025	729
	CASE 3a	0	3.36	1068	1194	827
		+0.8	3.61	864	# 865	669
	GENERAL	0	1.00	* 1200	* 1200	* 1200
		+0.8	2.09	1137	* 1200	881
2.5	CASE 1	0	1.35	* 1200	* 1200	1094
		-0.6	2.58	1020	1141	791
	CASE 2a	0	1.51	* 1200	* 1200	1036
		+0.8	2.58	1022	1143	792
	CASE 3a	0	2.00	1160	* 1200	899
		+0.8	3.09	935	# 1011	724

Span limited by screw capacity

* **RECOMMENDED MAXIMUM SPAN 1200 mm**

Where spans over 1200mm provide side lap No.8 S point teks at maximum 600 crs

FIXING DETAILS

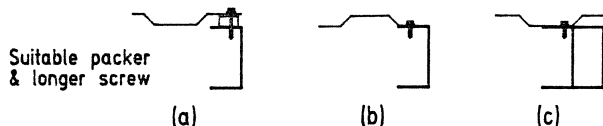
VERTICAL SHEETING -generally adjacent to side laps and then 130mm crs. at spans specified above

VERTICAL SHEETING -generally adjacent to side laps and then 130mm crs. at spans specified above, Where fixed to vertical studs at 450 crs increase fixing spacing to 260mm

Timber BUILDEX or sim. No. 10-12x20mm hex head type 17 self drilling teks

Steel BUILDEX or sim. No. 10-16x16mm hex. head self drilling tek

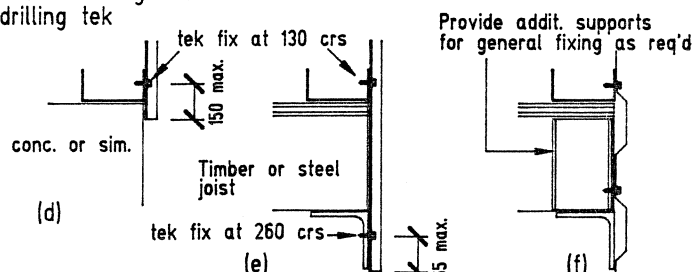
Screws fitted with neoprene washers



Provide side tek fixings at 350 max. crs. to sheeting at all openings and corners

AT PERIMETER OF OPENINGS

Similar at head, sill & jamb



AT OVERHANG LOCATIONS

Similar at head, sill & jamb

REGION C

$V_p = 57$ m/sec.

REGION EXTENDS FROM 0-50 Km FROM NORTHERN TERRITORY COAST LINE

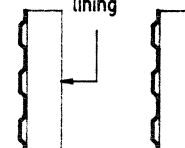
Shielding multiplier 1.0
Topographic multiplier 1.0
Structural importance multiplier 1.0
Design gust wind speed
Terrain cat. 1 & 2 $57 \times 1.0 \times 1.0 \times 1.0 \times 0.965 = 55.0$ m/sec.
Terrain cat. 2.5 $57 \times 1.0 \times 1.0 \times 1.0 \times 0.896 = 51.07$ m/sec.

CASE 1 1.25 Positive pressure on areas of $0.25a^2$ or smaller, anywhere on windward wall

CASE 2a 1.5

CASE 3a 2.0

No/unsuitable internal lining



Internal wall lining designed to resist internal wind pressure (BOTH positive & negative pressures)

Cp,i +0.8
-0.5 (-0.65)

Cp,i 0

WALL CONSTRUCTION

NOTE
REFER ASSOCIATED DATA SHEET FOR ADDITIONAL SHEAR WALL REQUIREMENTS WHERE APPLICABLE

MANUFACTURER

WOODROFFE
METAL BUILDING PRODUCTS

1396 REICHARDT ROAD, WINNELLIE, N.T.
PHONE 089 843600 FAX 089 844823

WEBBMASTER HIGH PROFILE
EXTERNAL WALL CLADDING

VERTICAL OR HORIZONTAL

REGION C

FOR HIGHSET BUILDING

EAVES HEIGHT TO 6.5 m

CLARENDON CONSULTING ENGINEERS

UNIT 3/96 WOODS STREET, DARWIN.

PHONE 089 817500 Certified

FAX 089 411862 C.S.PASCOE BE. MIEAust

DESIGN DATA SHEET

DEPARTMENT OF LANDS - BUILDING BRANCH

APPROVED

DATE 15/10/90

DRAWING No.

M206/2