HOSKING, OBORN & PARTNERS PTY. LTD.

CONSULTING ENGINEERS

263 MEI BOLIBNE STREET, NORTH ADELAIDE SOUTH AUSTRALIA 5006

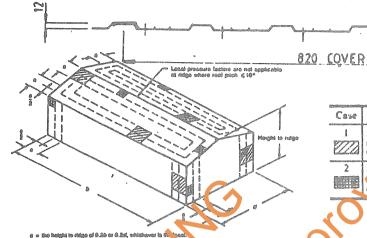
TELEPHONE (08) 2673(77 TELEX AAB2244 CYCLIC TESTING OF LO-RIB SHEETING

DATE

MAY 1987 1835 / 11 MS

SMERT



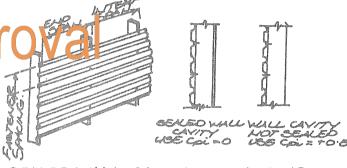


LOCAL PRESSURE FACTORS

Case	Area	K ₁					
	Any are, of extent a × a within a distance a from roof edge, these involving a roof pitch of more than 10 degrees, or wall edge	1.5					
2	Any rea of extent $0.5a \times 0.5a$ within a distance 0.5 from roof edge, ridge involving a roof pitch of more than 10 degrees, or wall edge	2.0					

or Buildings of 5m-10m in height.)

1 / 1 las las las las		-	311 (11 212)		
Terrain Category	Wall Region	Cpi	wind (kFa)	Max. End (mm) Shan	Max. Internal Spar
	Genera	0 +0.		955/	
Cat 1	Case 1	0 +4.8	2.57 4.85	545	5/
	Cose Z	+ 1.8	3. 2 1 \(\frac{1}{5}, \text{ 0 } \(\frac{1}{5} \)	co S	COLDS
	General	+0.8	1.4 3.36	Q 4V35V	1340
Cat 2	, Case 1	0	2.16	750	920
000 2	Case 2	+0.8 0	223	410	500
		+0.8	4.80 1.04	1270	1560
No. or report of the contract	General	+0.8	2.42	630	770
Cat 2 1/2	Case 1	0	1.56	1020 385	1250 470
Balleton our Scott	Case 2	±0.2	2.08	785	960
1000	1	+0.8	3.46	-	



SEALED WALL CAVITY TO HAYE 10 mm PLASTERBOARD FIXED AS SPECIFIED TO STUDS AT 450 crs.

AT TOO O.S.

FIXING BPECIFICATION:

I. FIXING TO STUDS UP TO O'S MM THICK:

8×26MM BULGE HEAD - TYPE S.

2. FIXING TO STUDS UP TO 2.0 MM THICK:

6×28 MM BULGE HEAD TEKS.

LO-RIB is a cold formed wall sheeting manufactured from G550 steel sheeting **MOTES:**

base metal thickness 0.42 mm, total cated thickness 0.47 mm.

2. Refer to APPENDIX A (attached) for wind load calculations.

3. Maximum allowable spans derived with attached graph obtained from load test. Refer APPENDIX B.

4. Table 2 is based on cyclic testing carried out in accordance with Darwin Area Building Manual - Part 39.7

MANUF'S. - WOODROFFE SHEETMETAL Pty. Ltd. NAME

ADDRESS

1 TAMINGA STREET REGENCY PARK

S.A. 5007

PHONE No. (08) 243 1144

FIXING OF: WOODROFFE "Lo-Rib"

for Buildings 5m - 10m in height.

IN THE DARWIN AREA.

DESIGN DATA SHEET

CERTIFIED

DATE 146/82

DEPARTMENT OF LANDS AND HOUSING

DRAWNG No. M/113/19