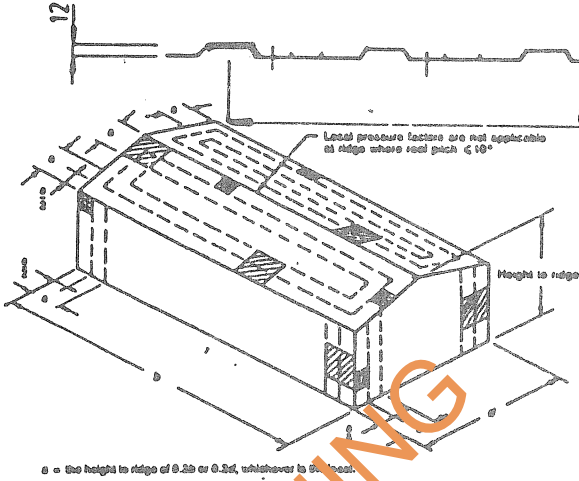


ALLOWABLE SPANS FOR 0.42 mm Lo-Rib WALL SHEETING  
 FIXED WITH SELF TAPPING SCREWS.



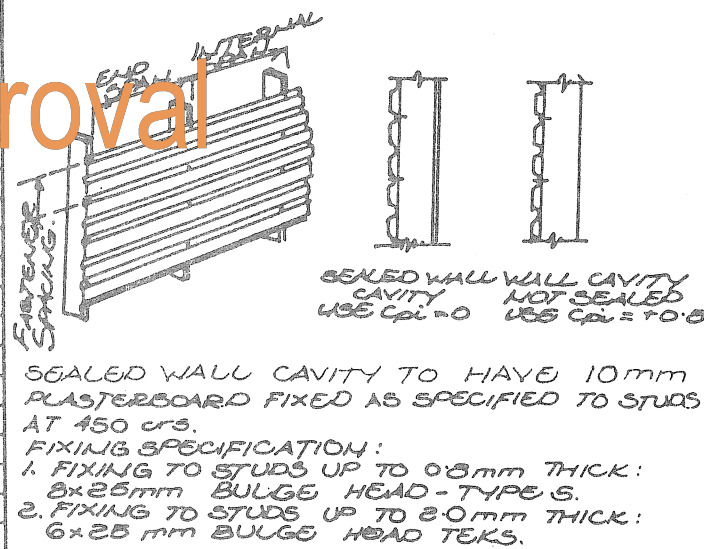
LOCAL PRESSURE FACTORS

Case	Area	$K_1$
1	Any area of extent $a \times a$ within a distance $a$ from roof edge, ridge involving a roof pitch of more than 10 degrees, or wall edge	1.5
2	Any area of extent $0.5a \times 0.5a$ within a distance $0.5a$ from roof edge, ridge involving a roof pitch of more than 10 degrees, or wall edge	2.0

LOCAL PRESSURE ZONES

TABLE 2 - Maximum allowable spans for Buildings of 5m-10m in height.)

Terrain Category	Wall Region	Cpi	Design wind pressure (kPa)	Max. span (mm)	Max. internal span
Cat 1	General	0	1.7	955	-
	Case 1	+0.8	2.57	545	671
		+0.8	4.85	-	-
Cat 2	General	0	1.4	1195	1340
		+0.8	3.36	-	-
	Case 1	0	2.46	750	920
		+0.8	4.06	-	-
		+0.8	4.80	-	-
Cat 2 1/2	General	0	1.04	1270	1560
		+0.8	2.42	630	770
	Case 1	0	1.56	1020	1250
		+0.8	2.94	385	470
		+0.8	2.08	785	960
Case 2	+0.8	3.46	-	-	



- NOTES :
- LO-RIB is a cold formed wall sheeting manufactured from G550 steel sheeting base metal thickness 0.42 mm, total cated thickness 0.47 mm.
  - Refer to APPENDIX A (attached) for wind load calculations.
  - Maximum allowable spans derived with attached graph obtained from load test. Refer APPENDIX B.
  - 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 14/6/87	DEPARTMENT OF LANDS AND HOUSING  APP'D. Wansley DATE 6/87	DRAWING No. M/113/19