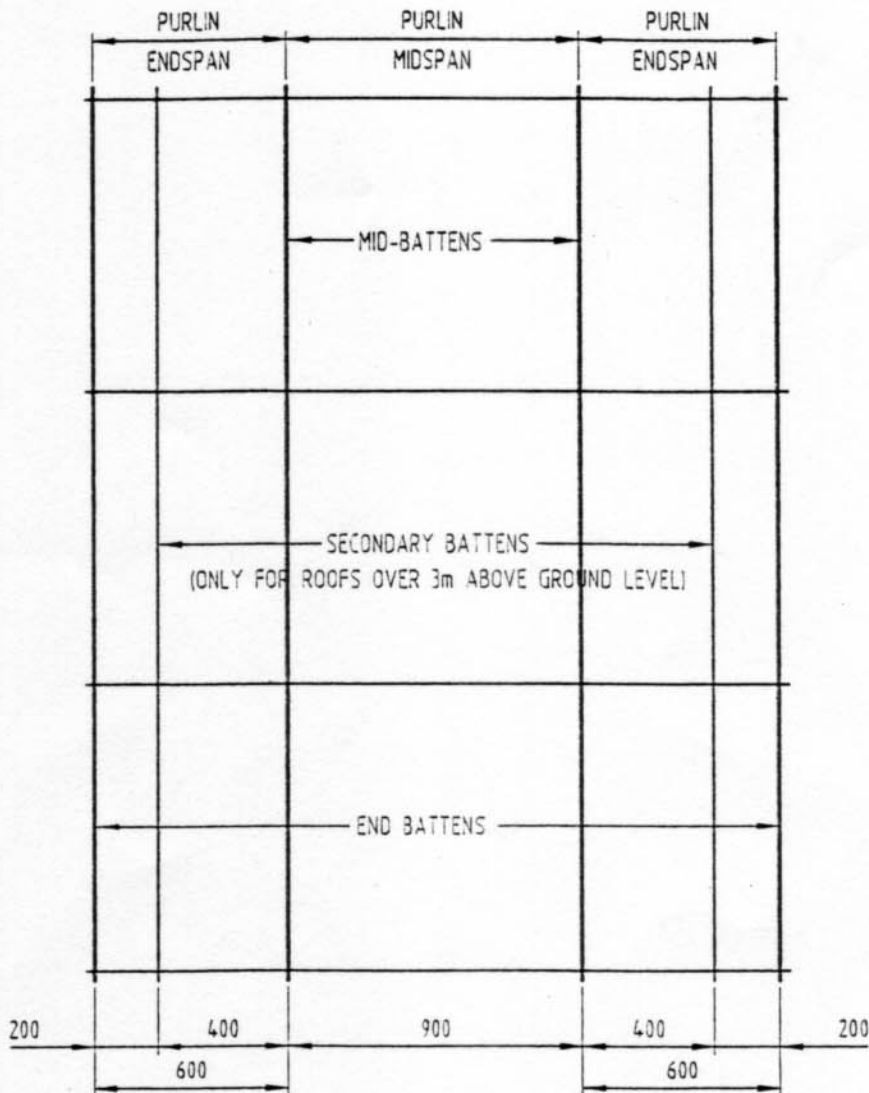


[Signature] 4/9/2001

TYPICAL ROOF LAYOUT

THE JOB MUST BE CONSTRUCTED OF SINGLE LASERLITE 2000 SHEET LENGTHS ONLY.



COPY

NOTES

1. MATERIAL SPECIFICATION: 0.8mm POLYCARBONATE
2. WIND PRESSURE TABLE IS BASED ON CYCLIC TEST CRITERIA AS SPECIFIED IN NBTC TR 440, AS TESTED BY JAMES COOK UNIVERSITY.
3. OVERHANGS TO BE 200mm MAX. FOR ROOFS.
4. RACKING STRENGTH PROVIDED BY THE CLADDING HAS NOT BEEN TESTED AND SHOULD NOT BE ALLOWED FOR IN THE DESIGN OF THE STRUCTURE.
5. PRE-DRILL $\varnothing 10$ HOLE IN SHEET AT ALL SCREW FIXINGS.
6. FIXING TO SECONDARY BATTENS TO BE EVERY 2nd CREST.
7. LASERLITE 2000 ROMA & GRECA PROFILES COMPLY WITH AS/NZS 1562:1996 (SANDBAG IMPACT TEST) FOR CLASS 1 & 10 BUILDINGS (AS DEFINED BY THE BUILDING CODE OF AUSTRALIA). THIS ELIMINATES THE REQUIREMENT FOR SAFETY MESH UNDER ROOFS OVER 3 METRES ABOVE GROUND LEVEL. INSTALLATION INSTRUCTIONS TO COMPLY WITH THIS STANDARD SHOULD BE OBTAINED FROM A LASERLITE SALES OFFICE.
8. SHEETING IS NOT SUITABLE FOR FOOT TRAFFIC. CRAWL BOARDS OVER BATTENS MUST BE USED.

MANUFACTURER: LASERLITE AUSTRALIA Pty. Ltd.
 17 Wangara Road, Cheltenham, Victoria
 Ph: (03) 9583 9888 Fax: (03) 9583 9003

DESIGN DATA SHEET
 DARWIN CYCLONE AREA
LASERLITE ROOF SHEETING

Prepared by: **Hatton Babaniaris** Certified
 CONSULTING STRUCTURAL ENGINEERS *M. Hatton*
 PO Box 4554 DARWIN NT 0801
 Ph: 3943 4466 Fax: 3943 4477 Date: 7/3/01

App'd. *[Signature]*

Date: 7-8-01

Drawing No. M/133/1

ALLOWABLE WIND PRESSURE

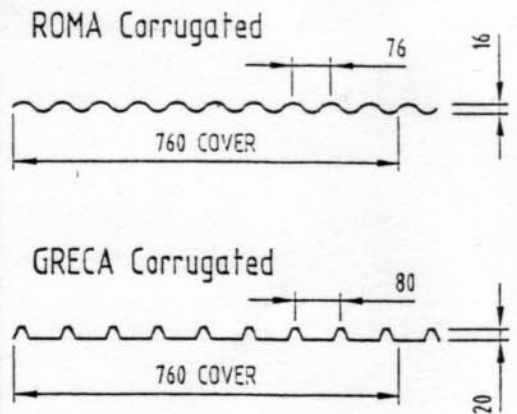
PRODUCT LASERLITE 2000	MIN. SLOPE	SPAN		SCREWS & CYCLONE WASHER FIXING Cyclone washers to be TRIMDEK Profile	ALLOWABLE WIND PRESSURE (PERMISSIBLE STRESS DESIGN)
		End Span	Mid Span		
ROMA Corrugated	5°	600mm	900mm	EVERY CREST	3.0 kPa EAVES 2.4 kPa INTERNAL
GRECA Corrugated		600mm	900mm	EVERY CREST	3.0 kPa EAVES 2.4 kPa INTERNAL

PRODUCT LASERLITE PLUS	MIN. SLOPE	SPAN		SCREWS & CYCLONE WASHER FIXING Cyclone washers to be TRIMDEK Profile	ALLOWABLE WIND PRESSURE (PERMISSIBLE STRESS DESIGN)
		End Span	Mid Span		
ROMA Corrugated	5°	600mm	900mm	EVERY CREST	3.0 kPa EAVES 2.4 kPa INTERNAL
GRECA Corrugated		600mm	900mm	EVERY CREST	3.0 kPa EAVES 2.4 kPa INTERNAL

FASTENER DETAILS

MATERIAL		SCREWS
		All cyclone washers to be TRIMDEK Profile
FIXING TO STEEL	Up to 1.0mm	Buildex Metal Batten No14 TEK with 1.0 BMT G300 Trimdek cyclone washer
	1.1 to 2.5mm	No14-10x42 Hex Hd TEK with 1.0 BMT G300 Trimdek cyclone washer
	2.6 to 5.0mm	No14-20x45 Hex Hd TEK with 1.0 BMT G300 Trimdek cyclone washer
FIXING TO TIMBER	Hardwood J1 - J3	No14-10x50 Type 17 Screw with 1.0 BMT G300 Trimdek cyclone washer

PROFILES



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DESIGN DATA SHEET
DARWIN CYCLONE AREA

LASERLITE ROOF SHEETING

Prepared by: **Hatton Babaniaris**
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Certified: *[Signature]*
Date: 7/2/01

App'd: *[Signature]*

Date: 7-8-01

Drawing No. M/133/12