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## Wunderlich metal tile roofing : details and fixing instructions

AUTHOR(S)

Wunderlich Limited

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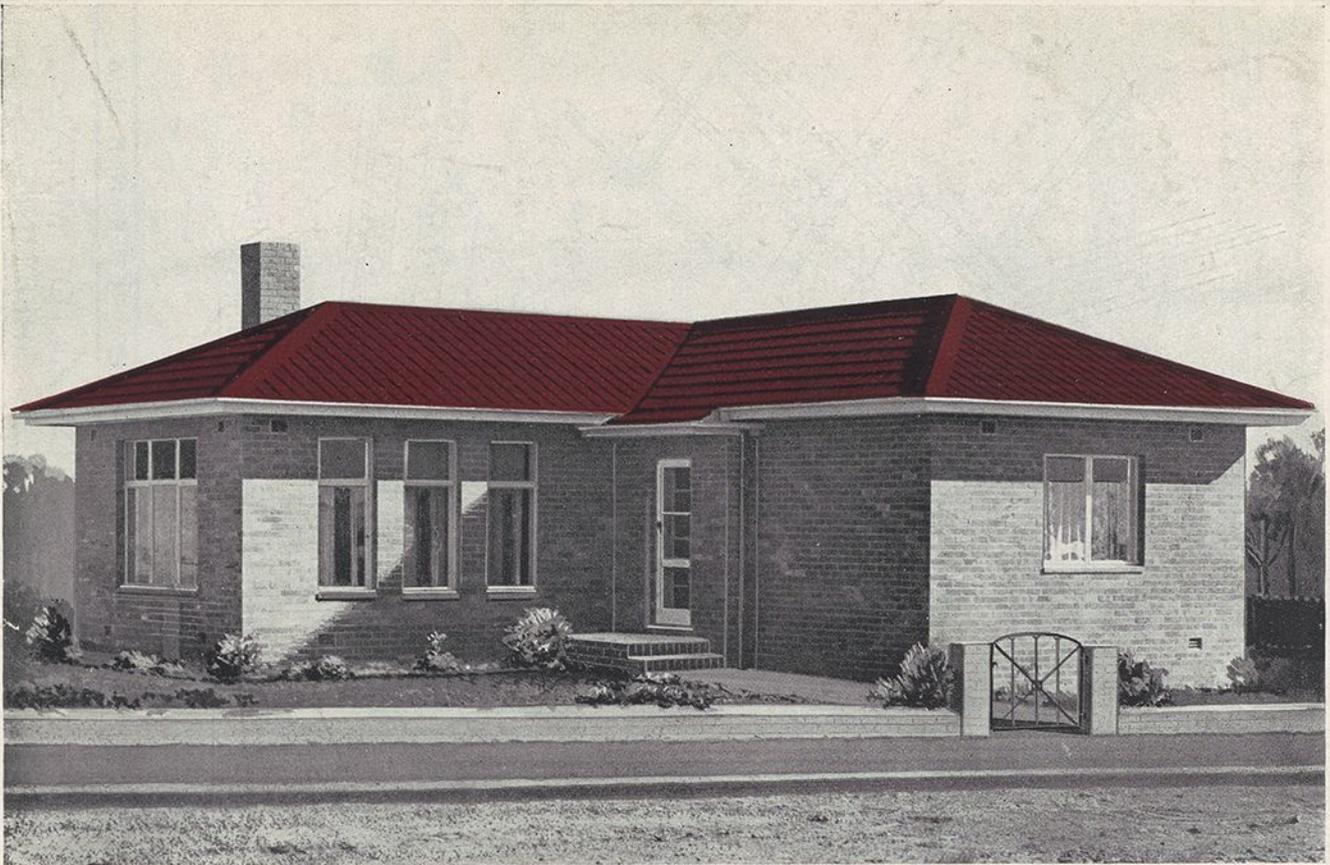
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SPAM



## WUNDERLICH METAL TILE ROOFING

### *Details and Fixing Instructions*

Developed to relieve the acute Roofing shortage, and approved by the Commonwealth Experimental Building Station, Wunderlich Metal Tile is stamped from Sturdy 24 gauge Zincanneal to boldly simulate French (Marseilles) Pattern Tiles, then dipped in Russet-Red Synthetic Enamel and oven baked to produce a hard colourful surface finish. The result is a thoroughly watertight Roofing that does not pollute but permits a maximum run off of rain water, is light in weight, economical to transport and easy to fix — see instructions on following pages.

Approved Net Sydney Retail Prices for Materials (UNFIXED) are as follows :

- Russet Red Finish
- 14/3 per 5' 10 $\frac{1}{2}$ " x 2' 11 $\frac{1}{2}$ " sheet (16 tiles to sheet) No. 1838.
  - 9/6 per half sheet (8 tiles in row) — No. 1839.
  - 4/3 each for Hip Starter Sheets L.H. No. 1840, R.H. No. 1841.
  - 4/3 each for Valley Starter Sheets R.H. No. 1842, L.H. No. 1843.
  - 8/- each 6' length of Ridge and Hip Capping — No. 1844.
  - 9/5 each 6' length of Hip Starter — No. 1845.

Delivered free in Metropolitan area. Country Orders: Case and Packing Extra at Cost F.O.R. Sydney. FREE OF SALES TAX.

NOTE.—Prices are subject to any approved variations.

WE DO NOT QUOTE FOR FIXING, BUT ON RECEIPT OF AN ORDER AND ROOF PLAN, WE PROVIDE A DRAWING SHOWING THE SET-OUT OF METAL TILING AND QUANTITIES INVOLVED

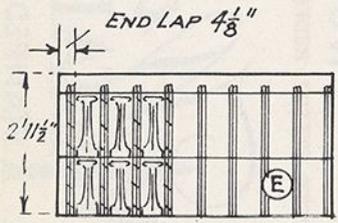
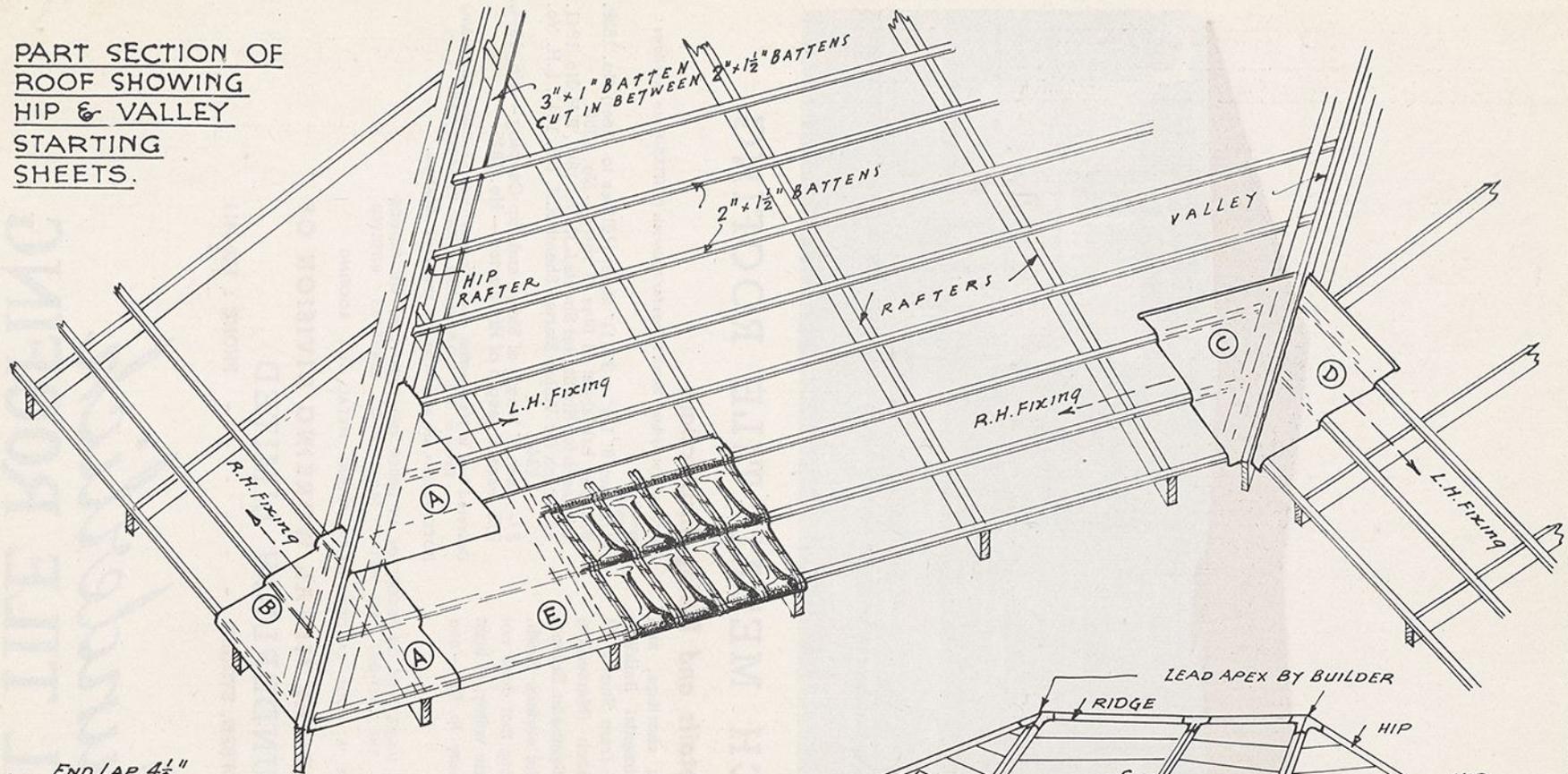
SAFETY FIRST: USE A ROOF LADDER WHEN FIXING METAL TILE ROOFING

A PRODUCT OF THE METAL WORKING DIVISION OF  
WUNDERLICH LIMITED

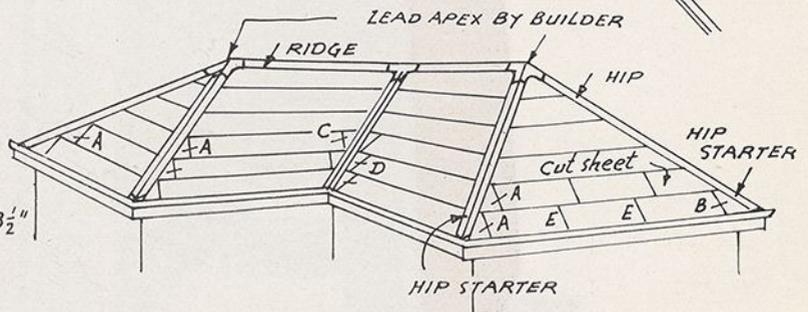
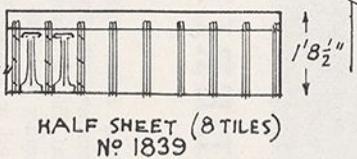
BAPTIST STREET, REDFERN, SYDNEY - - - - - PHONE : MX 2411

*Wunderlich*  
**METAL TILE ROOFING**  
STAMPED AND STOVE ENAMELLED ZINCANNEAL

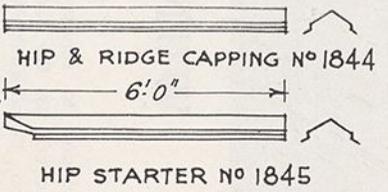
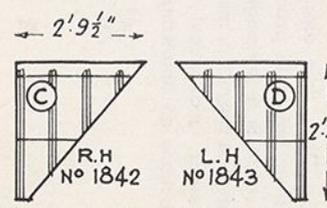
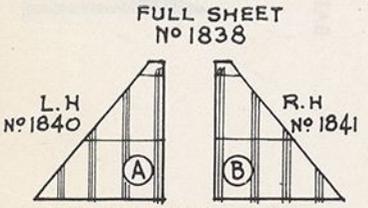
**PART SECTION OF  
ROOF SHOWING  
HIP & VALLEY  
STARTING  
SHEETS.**



24 GAUGE ZINCANNEAL  
TILE SHEET SIZE 5'10 1/2" x 2'11 1/2"  
16 TILES PER SHEET  
COVERAGE 5'6 3/8" x 2'7"

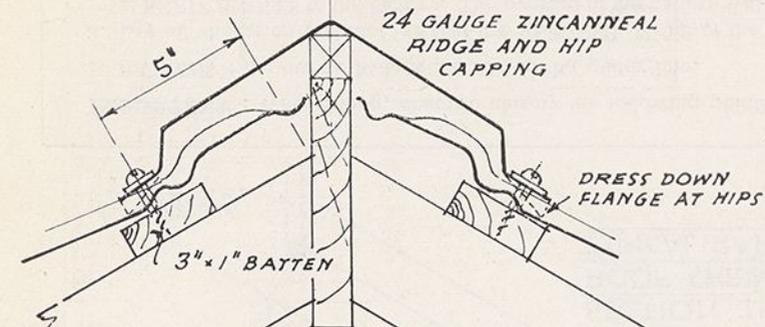


**SKETCH SHOWING APPLICATION  
OF ROOF TILE SHEETING.**

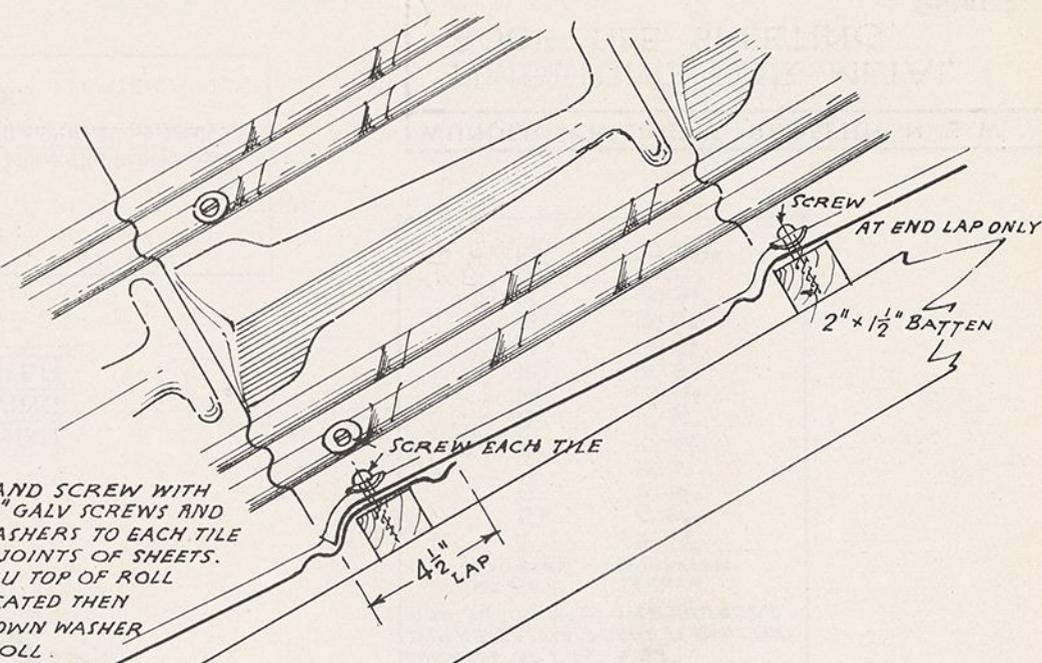


**NOTE.. Type of starting sheet usable (L.H or R.H)  
is determined by "hand of fixing" adopted.**

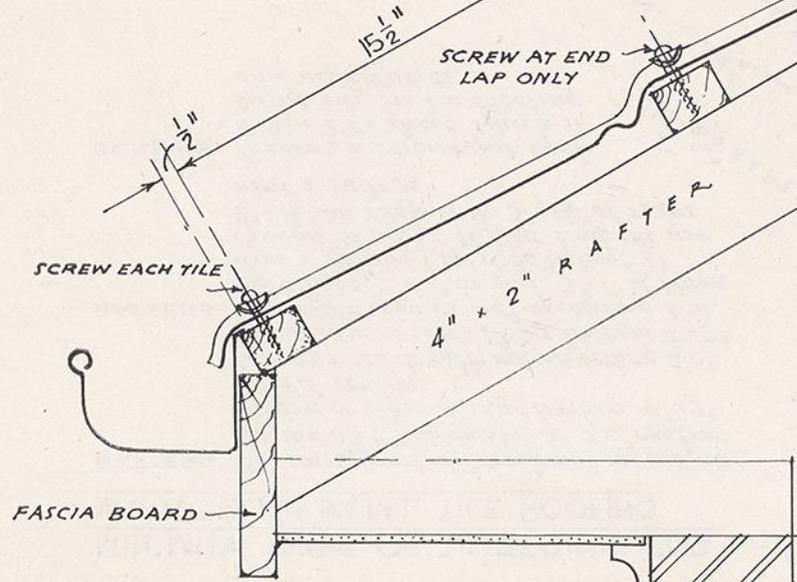
**WUNDERLICH LIMITED, REDFERN, N. S. W**  
**FIXING DETAIL OF METAL  
ROOF TILE SHEETING.**  
SHEET 1



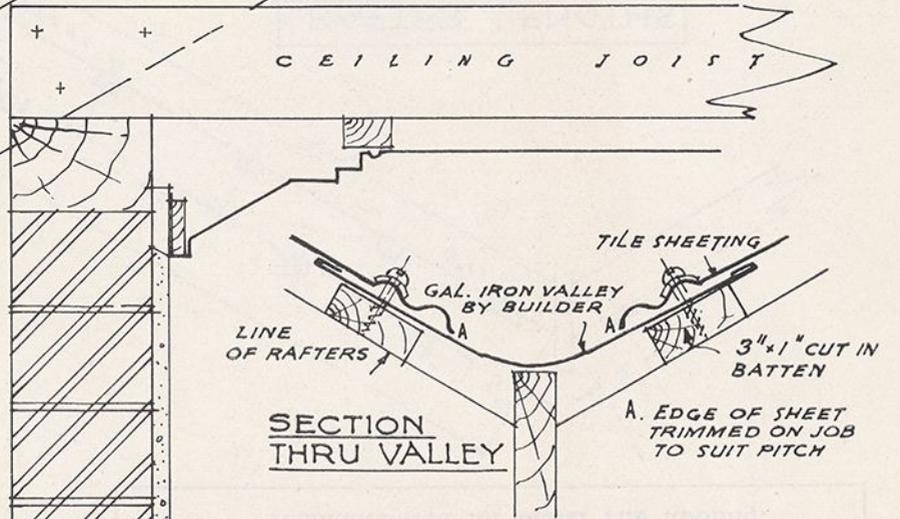
SECTION THRU RIDGE  
AND HIP.



DRILL AND SCREW WITH  
1/2" - 2 1/4" GALV SCREWS AND  
LEAD WASHERS TO EACH TILE  
AT LAP JOINTS OF SHEETS.  
FIX THRU TOP OF ROLL  
AS INDICATED THEN  
DRESS DOWN WASHER  
TO FIT ROLL.



SECTION THRU EAVES



SECTION  
THRU VALLEY

WUNDERLICH LIMITED. REDFERN. N. S. W

FIXING DETAIL OF METAL  
ROOF TILE SHEETING.

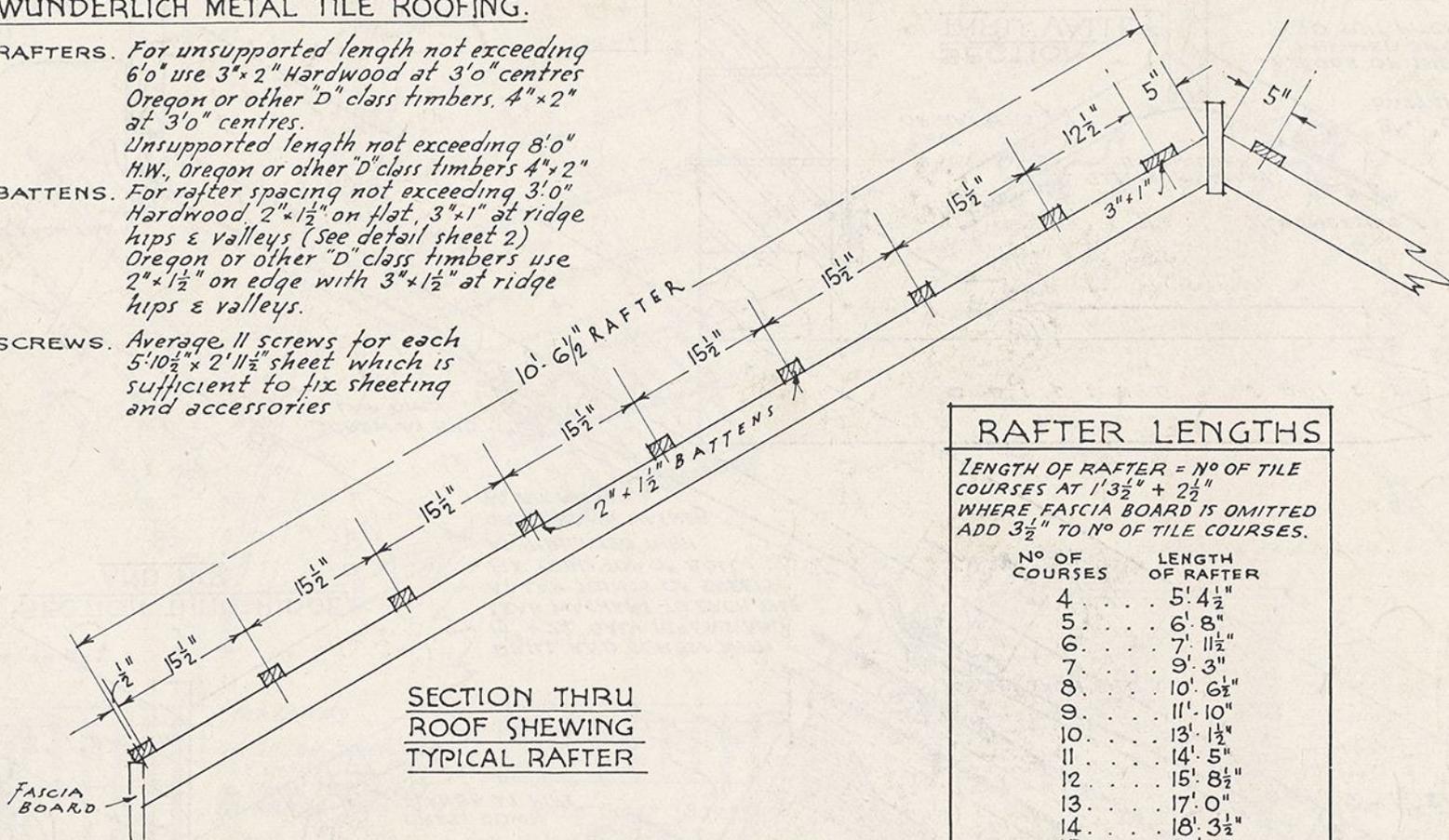
## MINIMUM SIZES OF TIMBERING FOR WUNDERLICH METAL TILE ROOFING.

**RAFTERS.** For unsupported length not exceeding 6'0" use 3" x 2" Hardwood at 3'0" centres Oregon or other "D" class timbers, 4" x 2" at 3'0" centres.

Unsupported length not exceeding 8'0" H.W. Oregon or other "D" class timbers 4" x 2"

**BATTENS.** For rafter spacing not exceeding 3'0" Hardwood, 2" x 1 1/2" on flat, 3" x 1" at ridge hips & valleys (See detail sheet 2) Oregon or other "D" class timbers use 2" x 1 1/2" on edge with 3" x 1 1/2" at ridge hips & valleys.

**SCREWS.** Average 11 screws for each 5'10 1/2" x 2'11 1/2" sheet which is sufficient to fix sheeting and accessories



SECTION THRU  
ROOF SHEWING  
TYPICAL RAFTER

**IMPORTANT :** When fixing, observe closely the following points :

1. **BATTENS :** Set out all Battens parallel to the gutter line.
2. Lay all sheets on the roof, so that the VERTICAL LINES of the Metal Tile Pattern are at RIGHT ANGLES to the Battens. The overlap of the pattern will then "nest" perfectly.
3. **SCREW HOLES :** Drill all Screw Holes 1/4" Diam. DO NOT PUNCH.

## ROOF PITCH

Minimum Roof Pitch 20°. Less than 20° is not recommended for Metal Tile Roofing.

## RAFTER LENGTHS

LENGTH OF RAFTER = NO OF TILE COURSES AT 1'3 1/2" + 2 1/2"  
WHERE FASCIA BOARD IS OMITTED  
ADD 3 1/2" TO NO OF TILE COURSES.

NO OF COURSES	LENGTH OF RAFTER
4 . . . . .	5' 4 1/2"
5 . . . . .	6' 8"
6 . . . . .	7' 11 1/2"
7 . . . . .	9' 3"
8 . . . . .	10' 6 1/2"
9 . . . . .	11' 10"
10 . . . . .	13' 1 1/2"
11 . . . . .	14' 5"
12 . . . . .	15' 8 1/2"
13 . . . . .	17' 0"
14 . . . . .	18' 3 1/2"
15 . . . . .	19' 7"
16 . . . . .	20' 10 1/2"

WUNDERLICH LIMITED, REDFERN, N. S. W.

TIMBERING FOR METAL  
ROOF TILE SHEETING

SHEET 3

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