



Wunderlich metal tile roofing : details and fixing instructions

AUTHOR(S)

Wunderlich Limited

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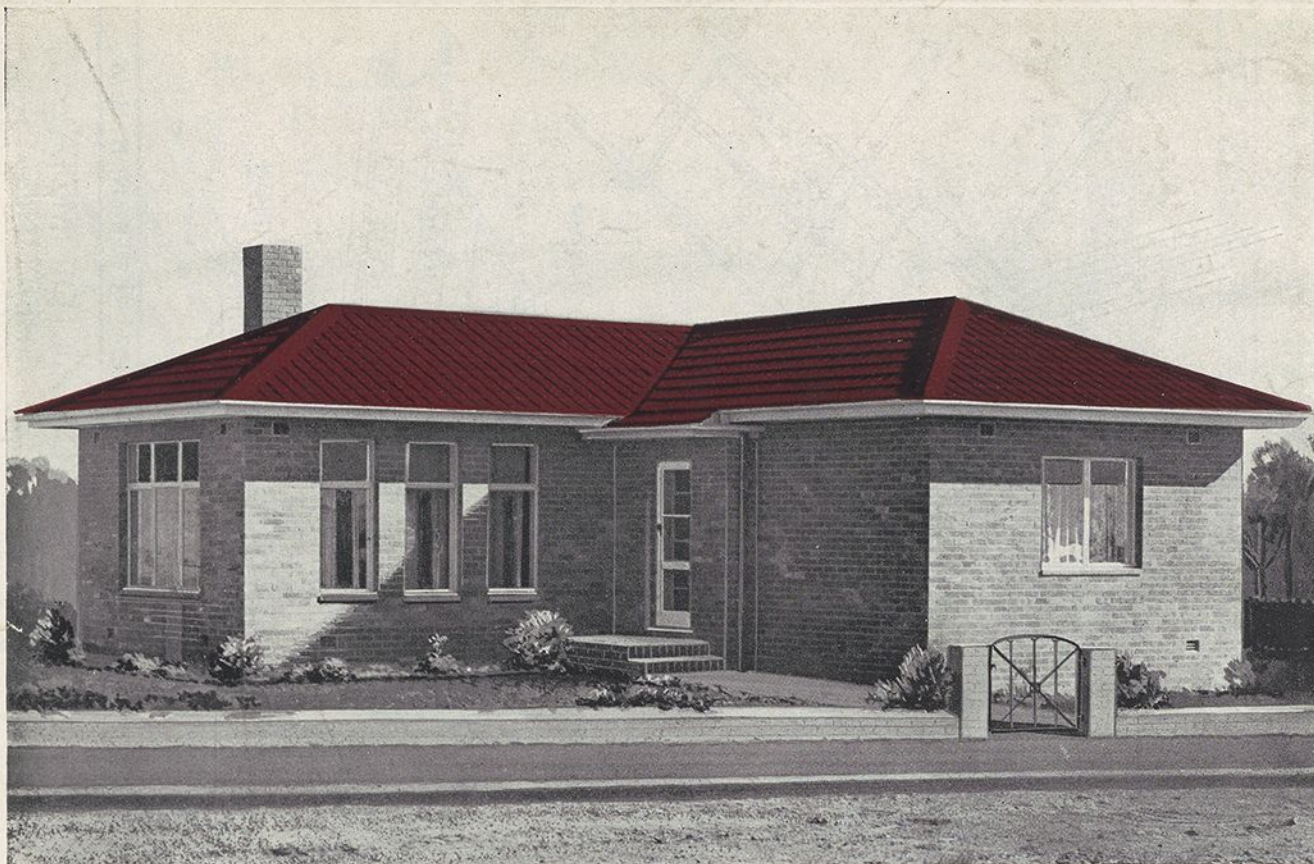
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WUNDERLICH METAL TILE ROOFING

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 Zincaneal 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' 10½" x 2' 11½" 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WE DO NOT QUOTE FOR FIXING, BUT ON RECEIPT OF AN ORDER AND ROOF PLAN, WE PROVIDE A DRAWING SHOWING THE SET-OUT OF METAL TILING AND QUANTITIES INVOLVED

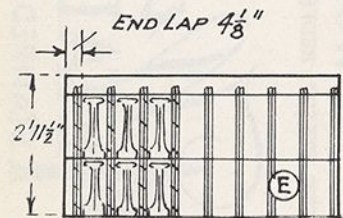
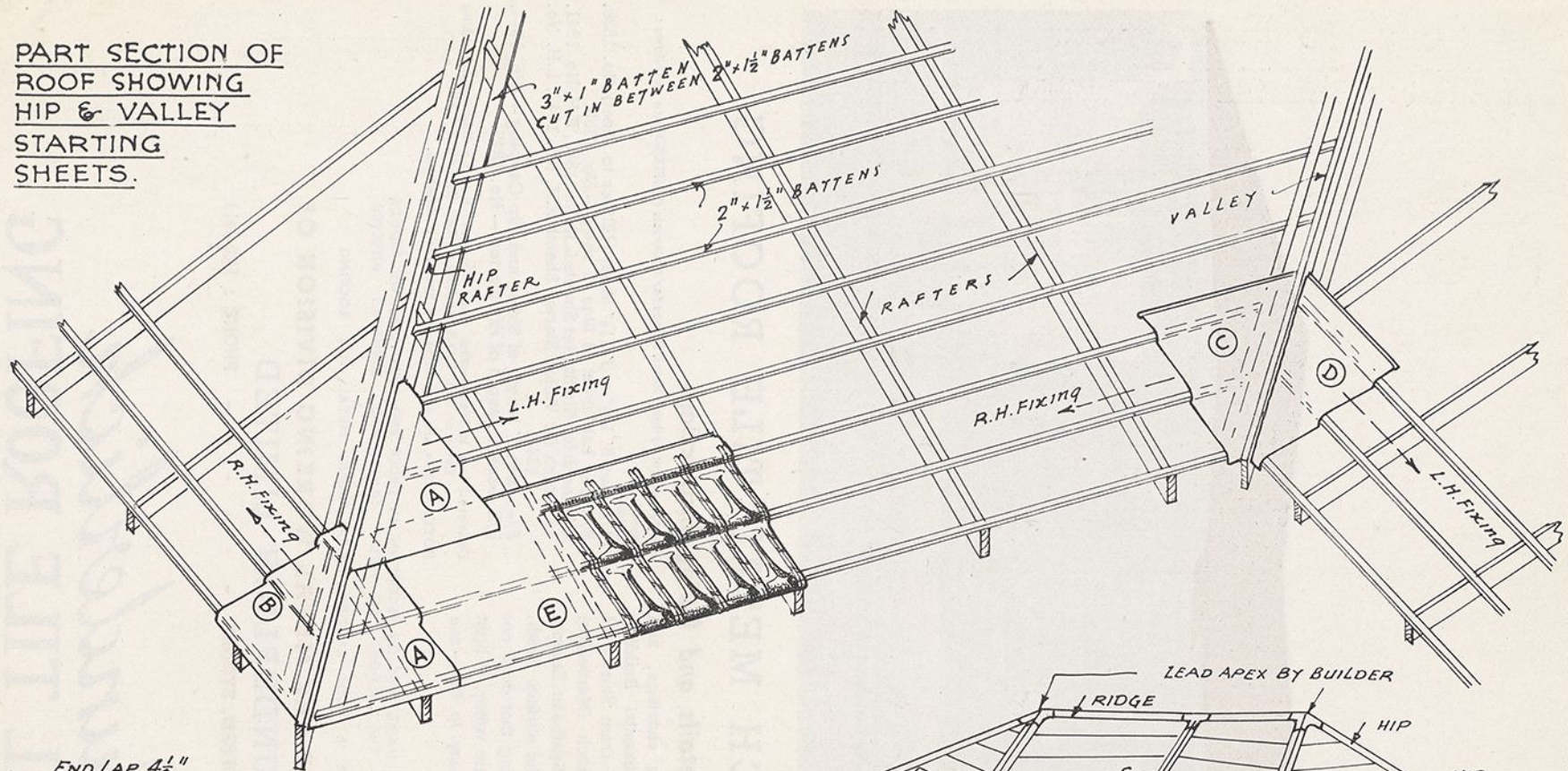
SAFETY FIRST: USE A ROOF LADDER WHEN FIXING METAL TILE ROOFING

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 ZINCANEAL

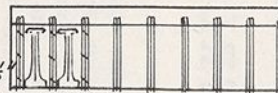
**PART SECTION OF
ROOF SHOWING
HIP & VALLEY
STARTING
SHEETS.**



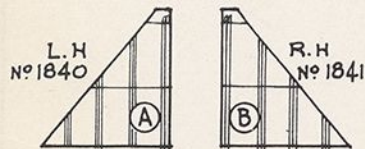
**FULL SHEET
No 1838**

TOP LAP 4 1/2"

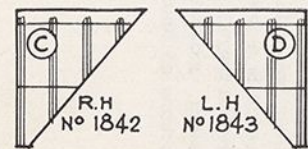
24 GAUGE ZINCANNEAL
TILE SHEET SIZE 5'10 1/2" x 2'11 1/2"
16 TILES PER SHEET
COVERAGE 5'6 3/8" x 2'7"



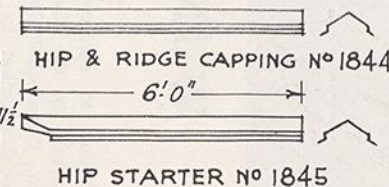
**HALF SHEET (8 TILES)
No 1839**



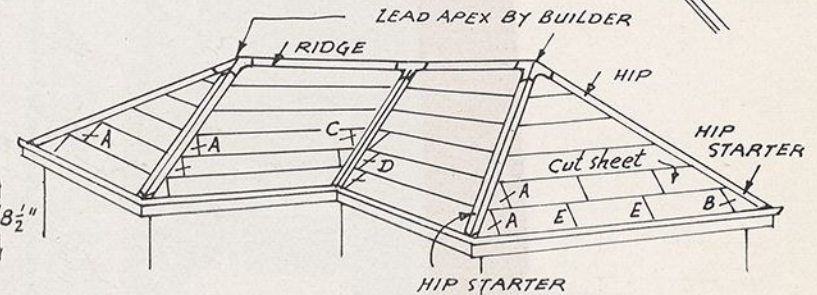
HIP STARTING SHEETS



VALLEY STARTING SHEETS



HIP STARTER No 1845



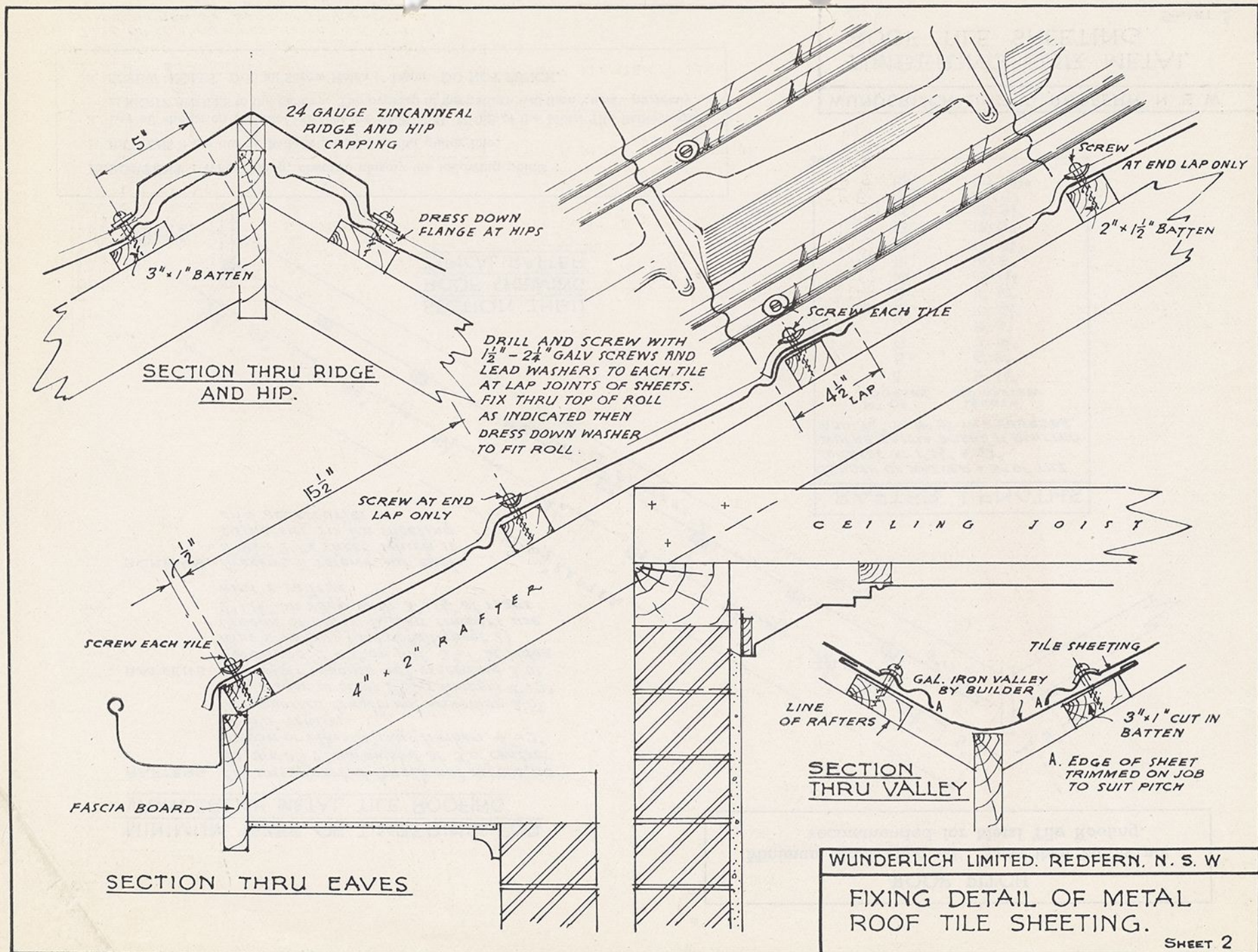
**SKETCH SHOWING APPLICATION
OF ROOF TILE SHEETING.**

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



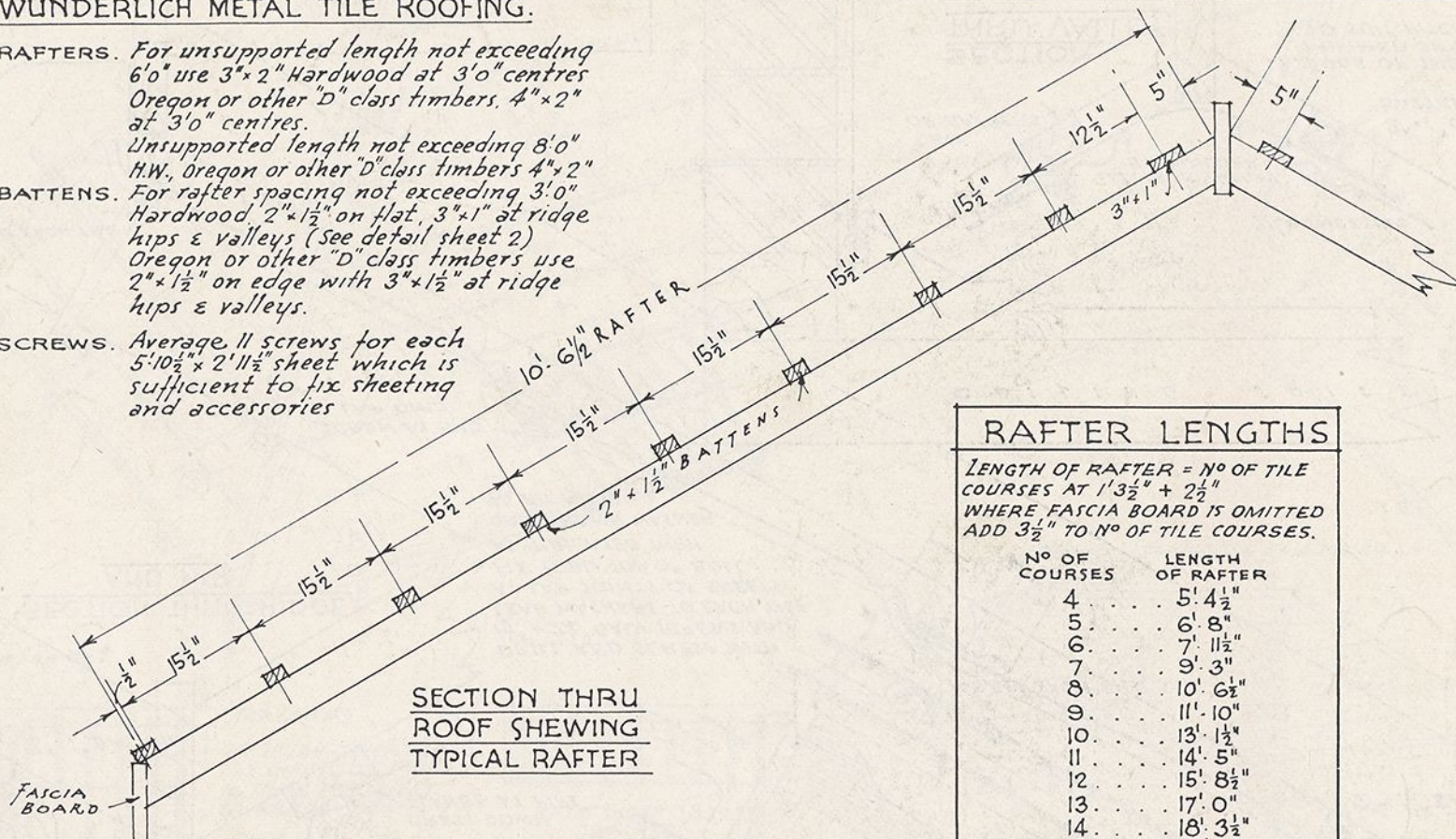
MINIMUM SIZES OF TIMBERING FOR WUNDERLICH METAL TILE ROOFING.

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

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 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"

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.

WUNDERLICH LIMITED, REDFERN, N. S. W.

TIMBERING FOR METAL
ROOF TILE SHEETING

SHEET 3

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