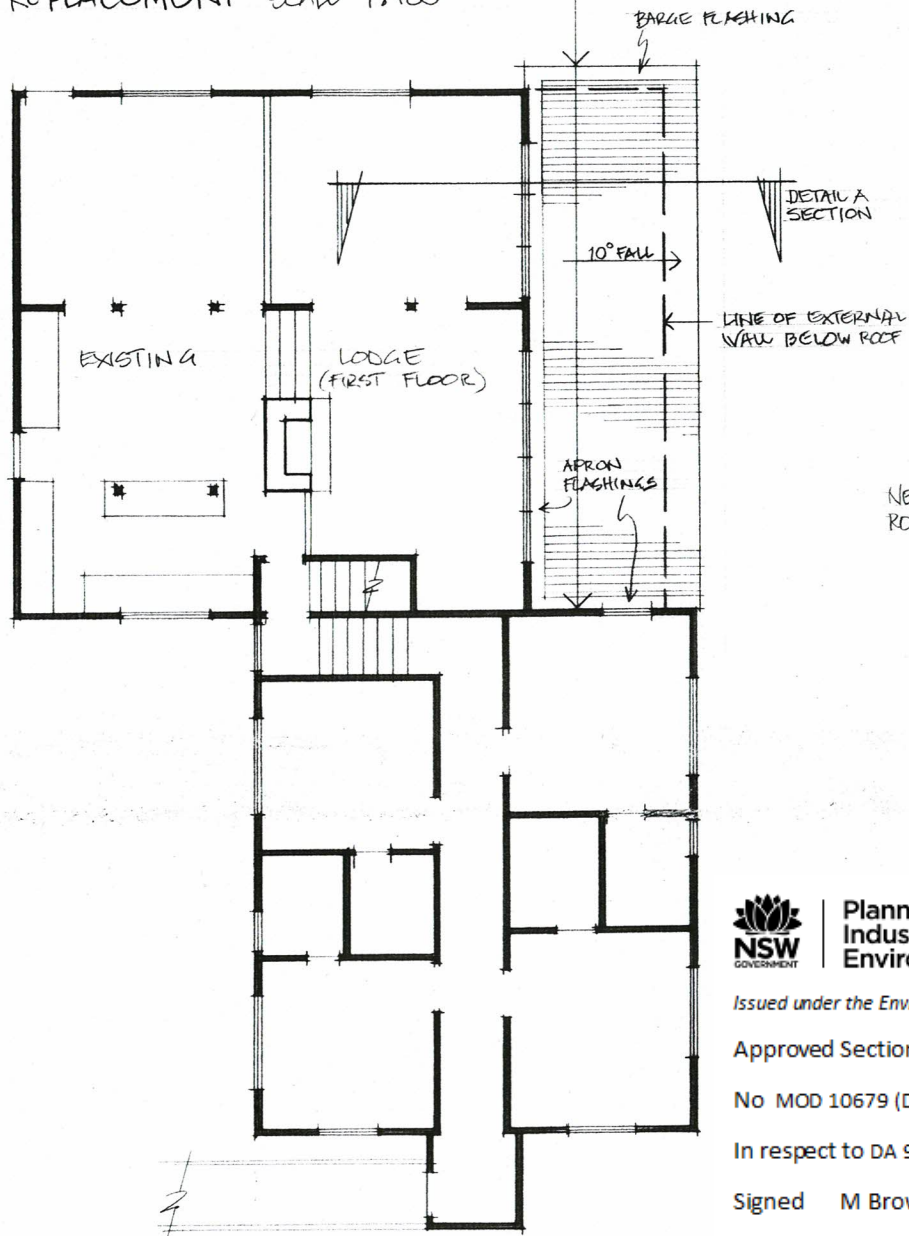


PLAN OF ROOF TO BE
REPLACEMENT SCALE 1:100



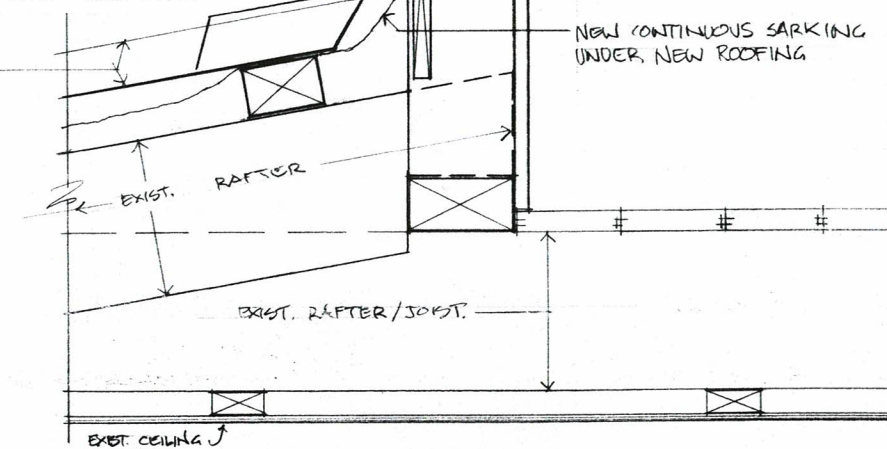
DETAIL AT ROOF/WALL
JUNCTION SCALE 1:5

NOTE: BLANKET INSULATION &
VAPOUR BARRIER NOT SHOWN.

REPLACE LINING IF REQUIRED

REPLACE LEAD FLASHING
WITH COLORBOND STEEL.
NEW APRON FLASHING FOR BB 305

NEW BROWNBUCK
ROOFING TRAY



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Signed M Brown

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ROOFING REPAIRS TO
KUNAPIPI SKI LODGE
PERISHER VALLEY NSW
AUG 2020 SCALE 1:5, 100 AT A3

DETAIL DWG 1A

MARK CAMBOURN & ASSOC P/L
18 LOCKINVAR PLACE, HORNSBY
NSW (02) 9987 4987
mjcambourn@hotmail.com

NOTES.

- REMOVE EXISTING COLORBOND ROOFING INCLUDING APRON FLASHINGS WHERE NECESSARY. REMOVE LEAD FLASHINGS ETC (REPLACE WITH ZINC OR 'COLORBOND').
- INSPECT CONDITION OF EXIST. RAFTERS & REPAIR AS NECESSARY.
- INSPECT CONDITION OF VAPOUR BARRIER (UNDER RAFTERS) & SEAL AS NECESSARY.
- REMOVE & REPLACE WET INSULATION.
- INSTALL 3 EXTRA ROOF BATTENS UNDER SNOW DROP IMPACT ZONE TO MATCH EXIST.
- REPLACE ANY DAMAGED ROOFING BATTENS.
- INSTALL NEW CONTINUOUS SARKING BETWEEN BATTENS & NEW ROOFING. DOUBLE LAP & TAPE JOINTS & FIX TO PREVENT SAGGING IN END BAYS, CONTINUOUS TOP TO BOTTOM.
- INSTALL NEW 'BROWN BUILT 305' ROOFING WITH CONCEALED FIXING & IN 'COLORBOND' TO MATCH EXISTING ROOF COLOUR, 0.70MM THICK. INSTALL NEW APRON FLASHINGS TO SUITE & IN SAME COLOUR. TURN UP TOP END OF TRAYS, TURN DOWN TRAYS AT FASCIA. ALL FIXED & FITTED TO MANUFACTURER'S INSTALLATION SPECIFICATION.

NEW BROWN BUILT 305 ROOFING, 0.70MM THICK, COLORBOND TO MATCH EXIST AND WITH CONCEALED FIXING.
3 NEW ROOFING BATTENS TO MATCH EXISTING BATTENS

NEW CONTINUOUS SARKING WITH DOUBLE LAPPED & TAPED JOINTS

EXISTING BATTENS

EXIST. 150 RAFTERS

EXIST. CEILING

REPLACE WET THERMAL INSULATION

EXIST. BEAM

EXISTING VAPOUR BARRIER - EXTEND OVER TOP PLATE OF EXT. WALL

TURN DOWN END OF EACH ROOFING TRAY

WINDOW UNIT

EXTERNAL WALL

DETAIL SECTION THROUGH ROOF OVER BED 9 SCALE 1:20 AT A3

EXIST TOP ROOF

LIVING ROOM

SEE DETAIL ON DWG 1A.

NEW APRON CAPPING/FLASHING TO SUITE BROWN BUILT 305. COLORBOND TO MATCH EXISTING

TURN UP EACH END OF ROOFING TRAY

BEDROOM 9 (EXISTING)

SKI ROOM

ROOFING REPAIRS TO KUNAPIPI SKI LODGE, PERISHER VALLEY NSW AUG. 2020. SCALE 1:20 AT A3

DETAIL DWG 2A
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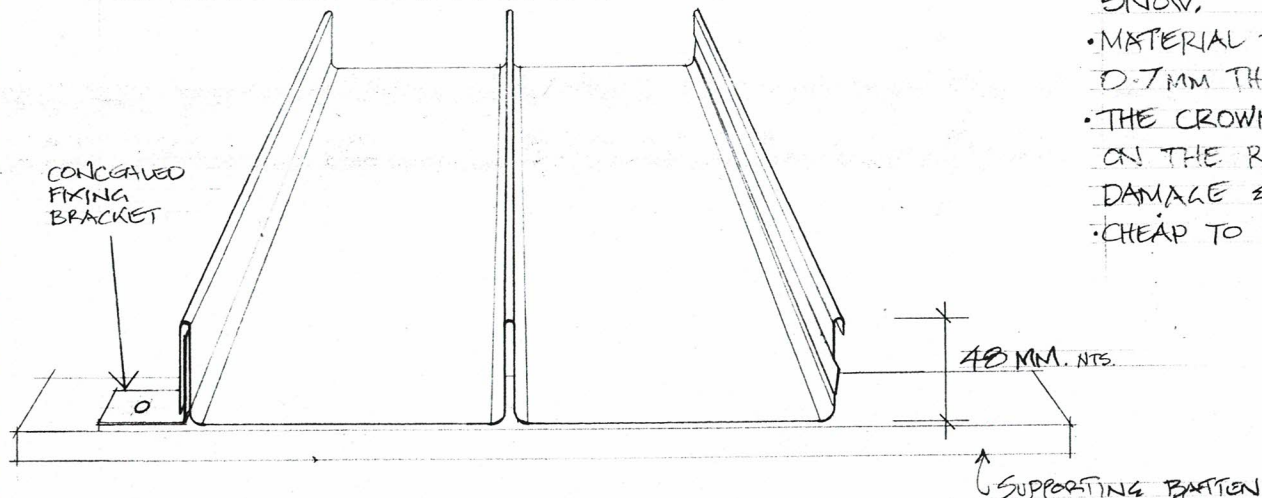
In respect to DA 9258

Signed M Brown

Sheet No 17 of 18

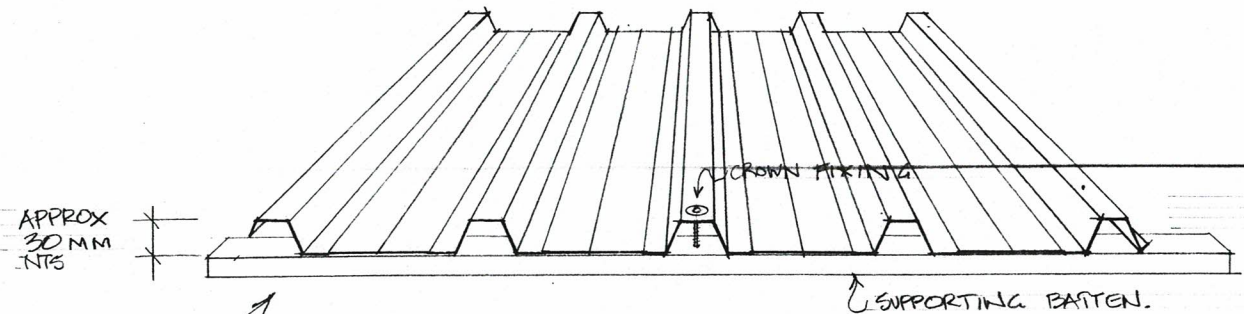
BROWNBUILT 305 ROOFING SECTION.

- THIS SECTION FEATURES CONCEALED FIXING BY BRACKETS FIRST FIXED TO SUPPORTING BATTENS. → THUS NO SCREW HEADS & SEALS TO FAIL OR LEAK. RIB IS CRIMPED TO BRACKET.
- VERY CLEAN SECTION - SNOW/ICE SLIDES OFF EASIER THAN WITH OTHER SECTIONS.
- THE RIB HEIGHT ALLOWS THE ROOF TO HOLD MORE WATER BEHIND SNOW BUILD-UP BEFORE LEAKING THAN WITH LOWER RIB SECTIONS.
- THE RIB SHAPE & THICKNESS IS MUCH MORE RESISTANT TO CRUSHING COMPARED TO EXISTING ROOFING.
- RELATIVELY EXPENSIVE INSTALLATION COST.



BROWNBUILT 305 ROOFING SECTION

TRIMDEK HI-TEN ROOFING SECTION



- THIS SECTION IS SIMILAR TO (OR THE SAME AS) EMPLOYED ON KUNAPIPI'S ROOF.
- THIS ROOFING IS CROWN FIXED WITH THE RIBS BEING FLAT-TOPPED TO FACILITATE SCREWS & SEALING WASHERS. THIS FEATURE MAKES IT QUICK & EASY TO FIT & FIX BUT SUBJECT TO EASY DEFORMATION BY POINT LOADS & BREAKING OF THE SEAL AT THE WASHER AS THE ROOFING DEFLECTS DOWN.
- IN ADDITION THE RIBS ARE ONLY APPROX 30MM HIGH COMPARED TO 48MM FOR BROWNBUILT 305. THIS MAKES IT EASIER FOR THE ROOFING TO FLOOD BEHIND A BUILD-UP OF SNOW.
- MATERIAL THICKNESS IS 0.42 OR 0.48 MM COMPARED TO THE 0.7MM THICKNESS OF BB 305.
- THE CROWN FIXING PROVIDES A POINT OF GRIP FOR SNOW ON THE ROOFING DELAYING SNOW SHEDDING & CAUSING DAMAGE & SEAL FAILURE TO THE SCREW FIXINGS.
- CHEAP TO INSTALL.



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