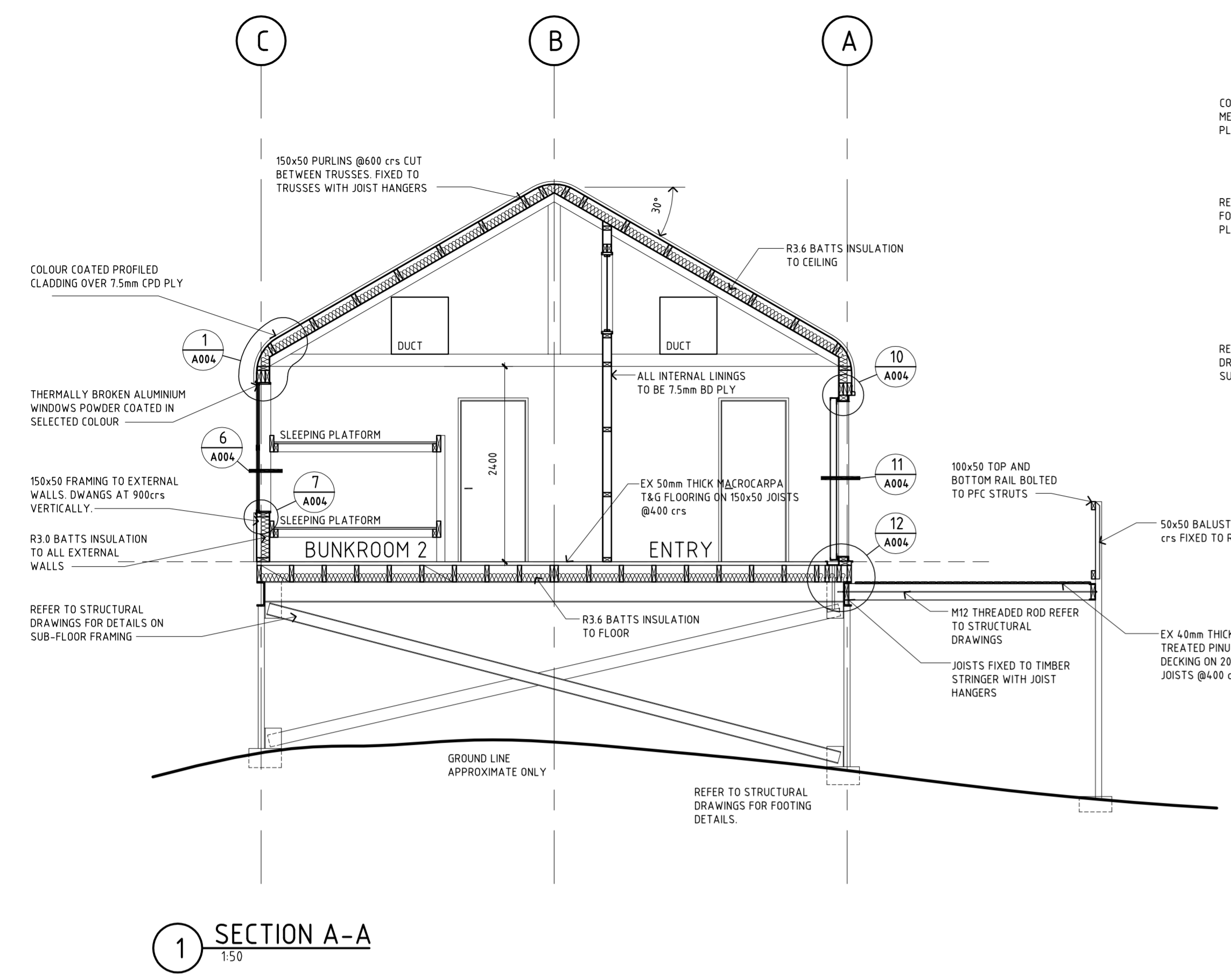
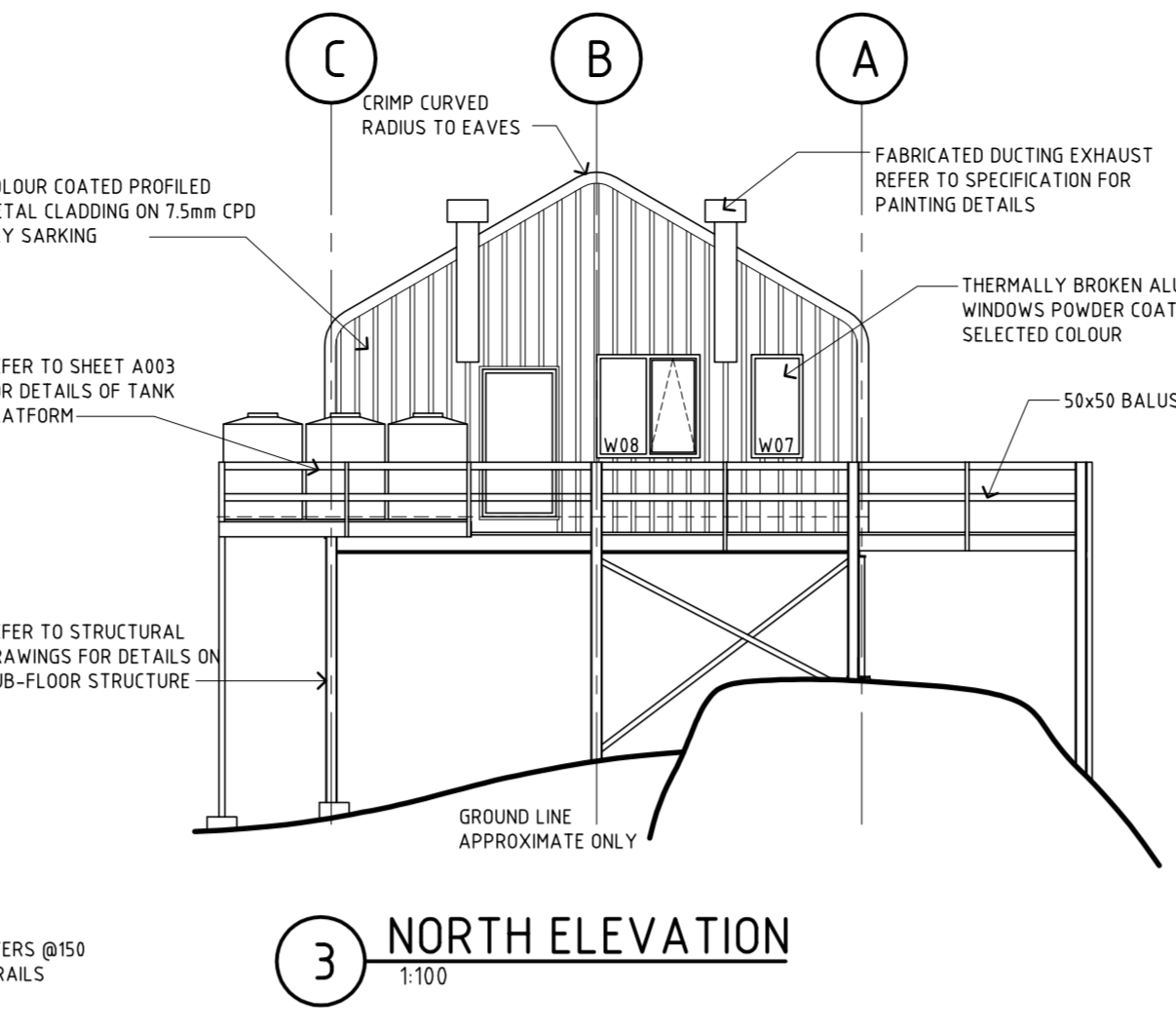


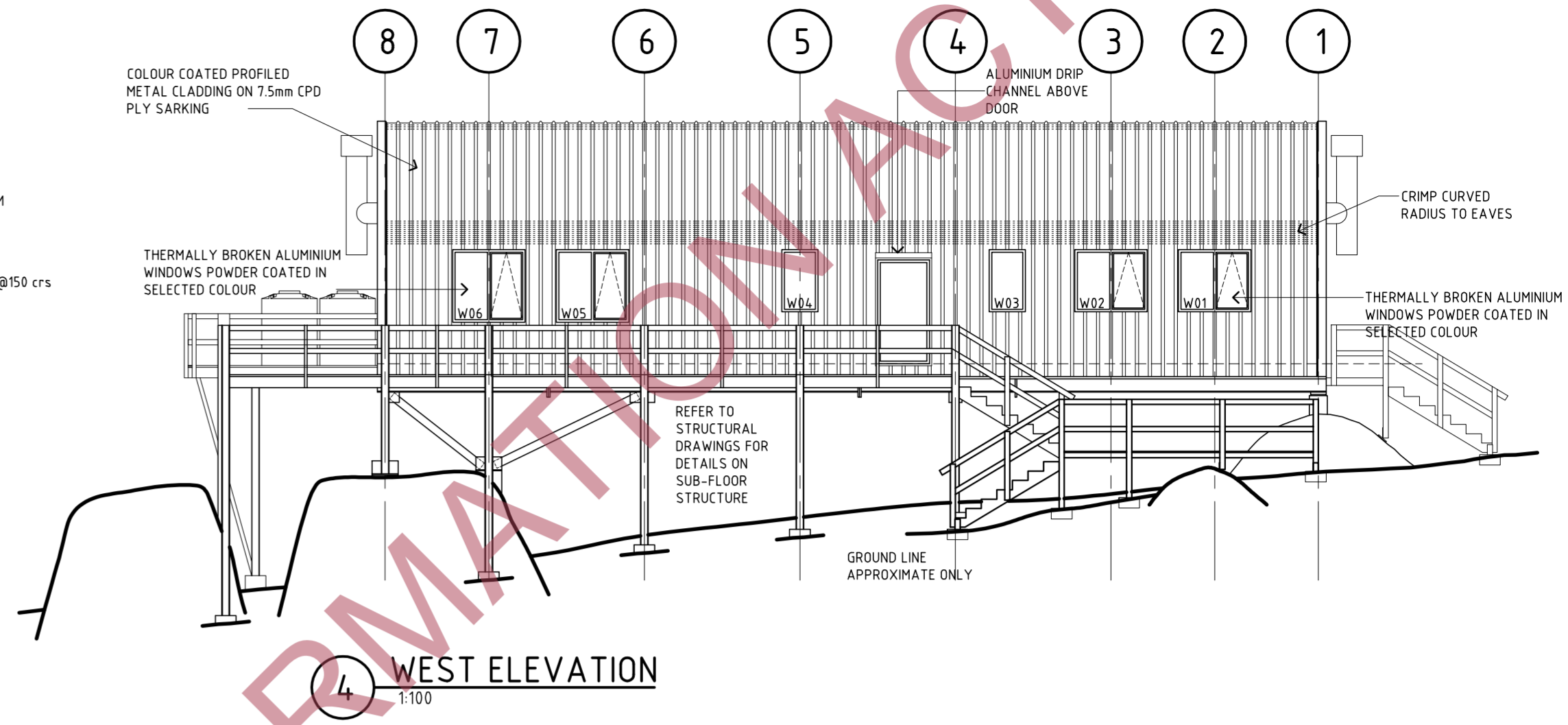
ORIGINAL SIZE A0 10 20 30 40 50 60 70 80 90 100 150 200 DO NOT SCALE - IF IN DOUBT, ASK



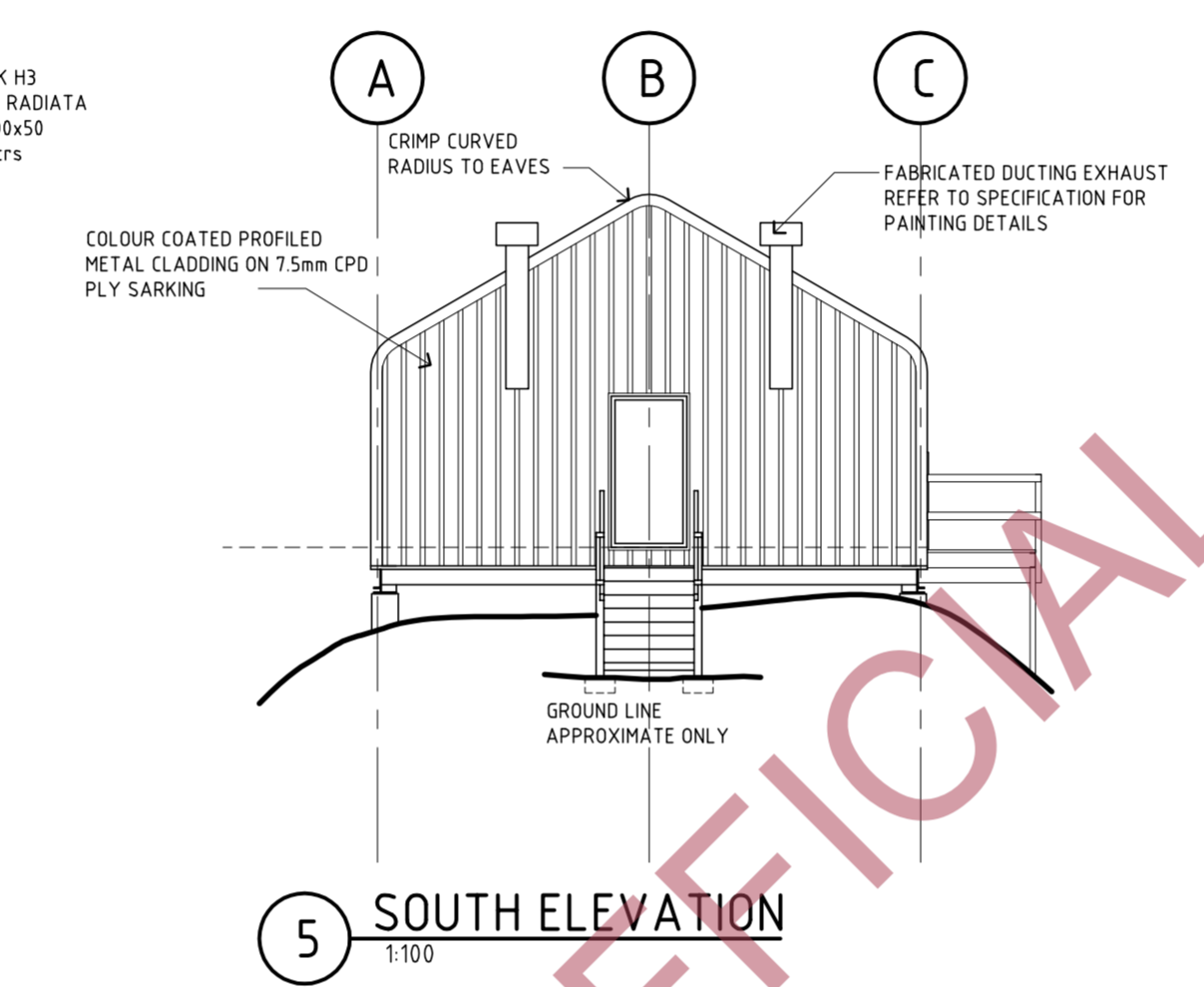
1 SECTION A-A
1:50



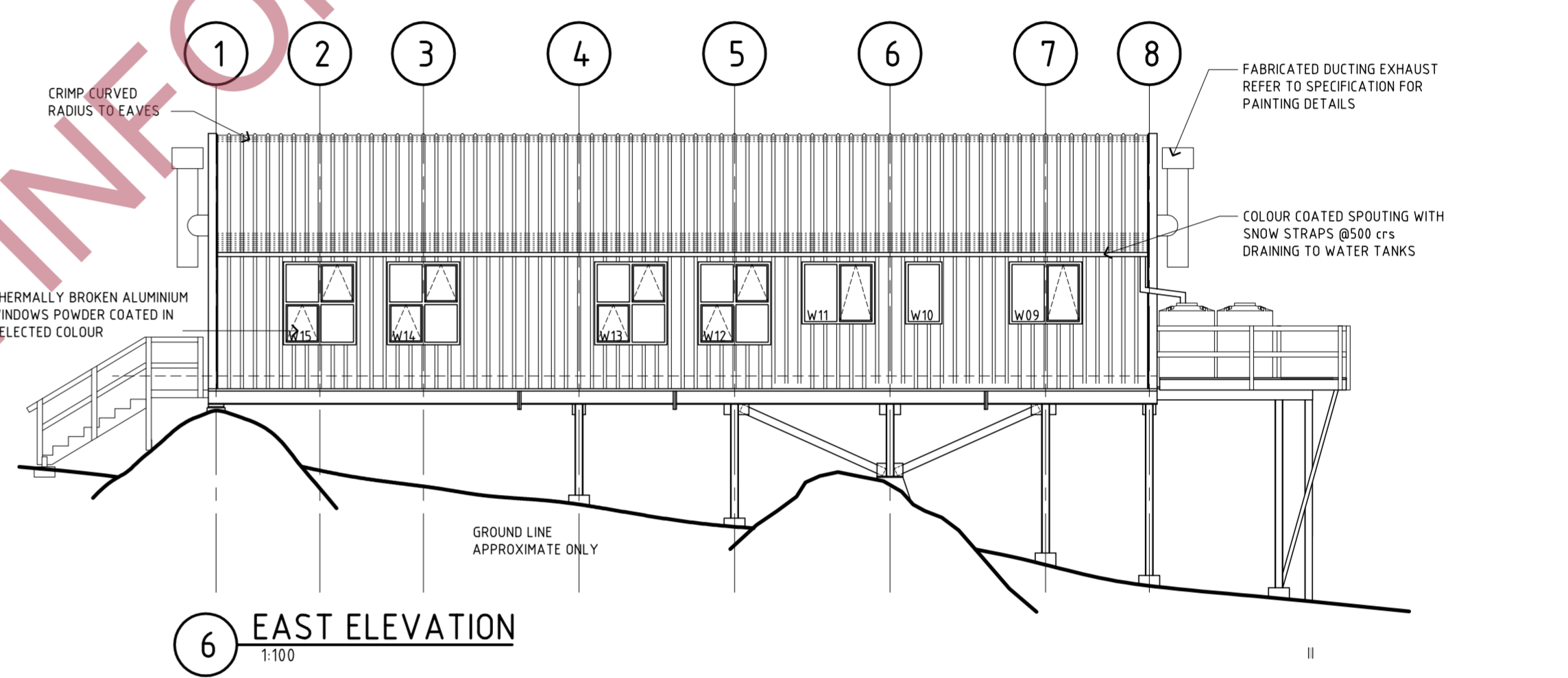
3 NORTH ELEVATION
1:100



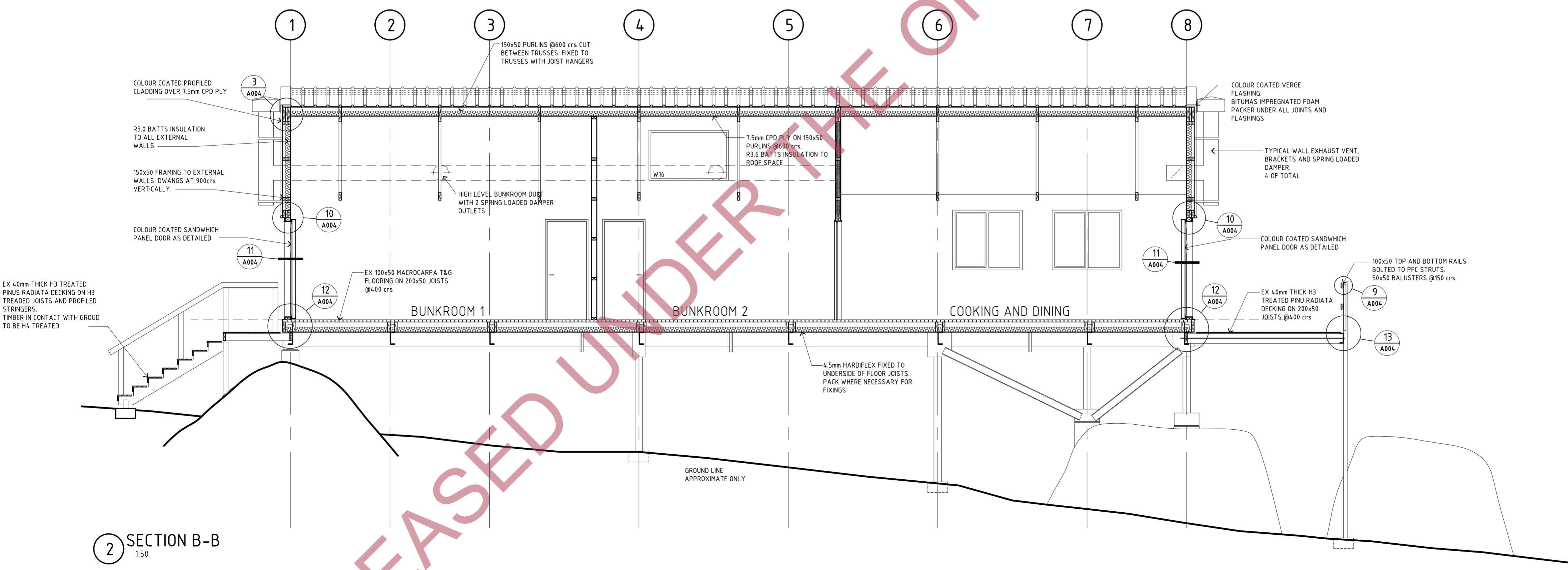
4 WEST ELEVATION
1:100



5 SOUTH ELEVATION
1:100



6 EAST ELEVATION
1:100



2 SECTION B-B
1:50

REV	AMENDMENTS	DATE	INITIAL

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XREFS :		
	Name	Date
SURVEYED	WTA	DEC 200
DESIGNED	PT	FEB 200
DRAWN		
CHECKED		
APPROVED		

WARBURTON
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MWH
MONTGOMERY WATSON HARZA

MUELLER HUT REPLACEMENT, MT COOK
DEPARTMENT OF CONSERVATION
SECTIONS/ ELEVATIONS

Status Stamp	AS BUILT
Date Stamp	19.09.2003
SCALES	1:50, 1:100
CAD REF :	
Job No.	0133
Sheet No.	A002
Rev.	

DRAWING LIST

- 100 - Cover Sheet & Location
- 101 - Part Site Plan
- 102 - Existing & Demolition plan
- 103 - Proposed Floor Plan
- 104 - Foundations & Drainage Plan
- 105 - Framing Plan
- 106 - Roof Framing Plan
- 107 - Reflected Ceiling Plan
- 108 - Electrical & Ventilation Plan
- 109 - Roof Plan

- 201 - Elevations
- 202 - Elevations

- 301 - Section X1
- 302 - Section X2
- 303 - Section X3 West
- 304 - Section X3 East
- 305 - Section X4

- 401 - Details 1:10
- 402 - Details 1: 10
- 403 - Details 1:5
- 404 - Details 1:5
- 405 - Details 1:5

- 501 Perspectives

STRUCTURAL DOCUMENTATION

Structural Engineering: PS1, Details & Calculations.

PRODUCT SPECIFICATIONS

- A. XLAM CLT technical documents
- B. ECOPLY SHADOWCLAD specification and installation guide 2021
- C. ARDEX 3000X Data Sheet
- D. THERMAKRAFT Roofing & Cladding Underlay Technical Specifications
- E. ENERTHERM PIR solid insulation
- F. DEKTITE Flashing Systems Handbook
- G. ALYSINTE 5-rib translucent roofing
- H. FIRENZO Viking Woodburner & Flue installation instructions
- I. HOPERGY Solar PV and system installation and manual



**Additional Standard Details are attached to the specification.
These are part of the Building Consent documentation set.**

SUPPORTING DOCUMENTS

- A. On-site Waste Water Report (Grey-water only)
- B. Fire Report
- C. Separate Agreement between the Department of Conservation (DoC) & the New Zealand Alpine Club (NZAC)
- D. Manufacturer's Specifications, Instructions & Data Sheets, NZ Standards and NZ Building Code Acceptable Solutions as referenced on the drawings, listed here or on the contents page of the written specification
- E. All other fittings & materials' Manufacturer's Specifications, NZ Standards and NZ Building Code Acceptable Solutions as required for construction
- F. Referenced DoC Backcountry Hut Procurement Manual Details and Specifications



Aspiring Hut
Renovation

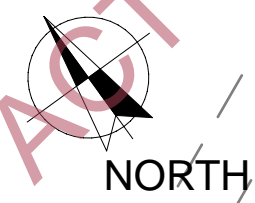
Cover Sheet & Location

100

Drawn: B.A.D.
Checked: Kat West

Issued: 11 JULY 2022
Status: BUILDING CONSENT Revised

Scale:



Legal description
West Matukituki Valley.
CU-E39050 pt RUN 458 Matukituki SD

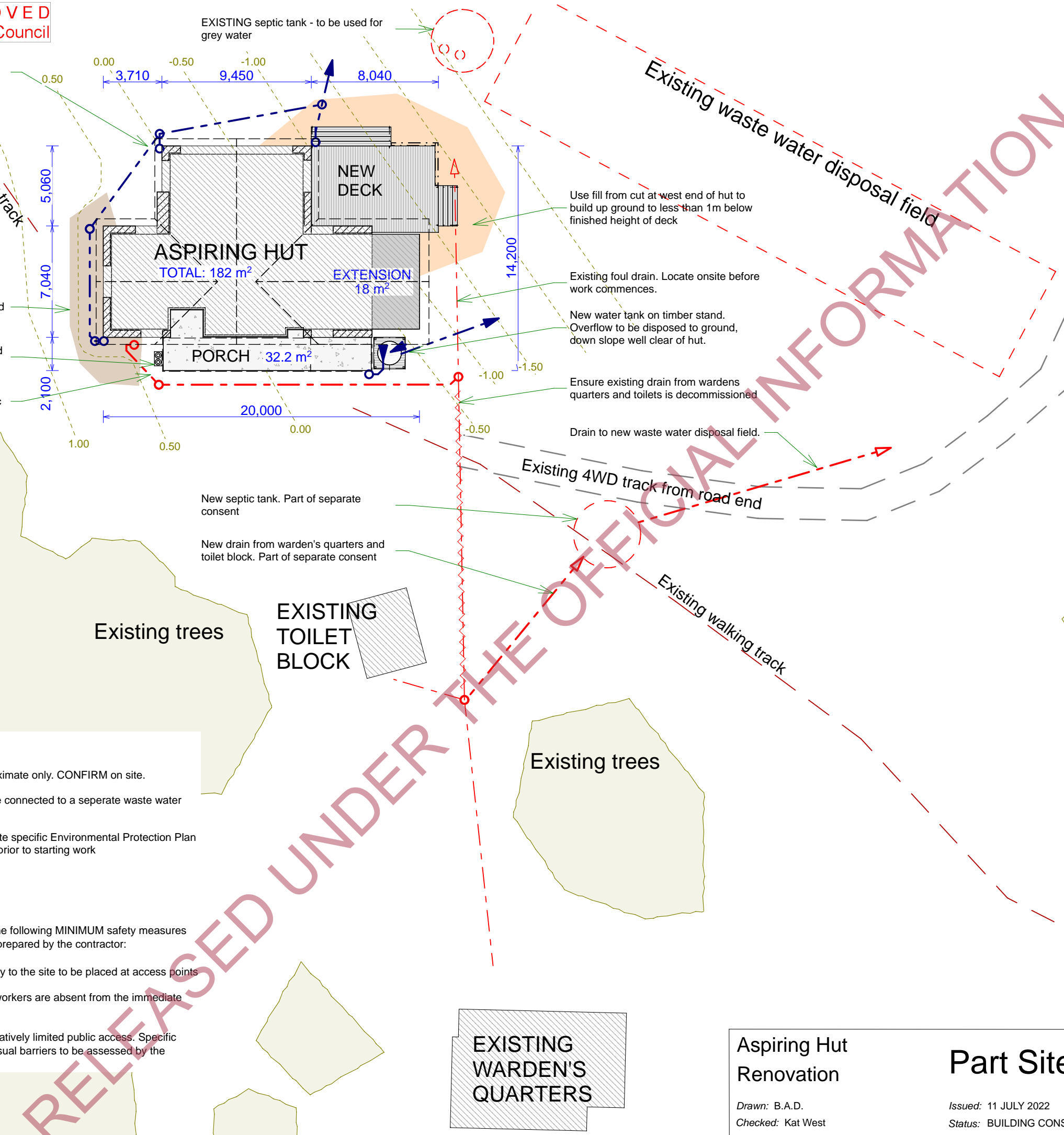
Earthworks
Cut: 25 m³
Fill: 25 m³
(topsoil reused)
Total volume: 50 m³
Max cut: 1.2 m
Max Fill: 0.6 m

Contours are approximate only.
0.5m intervals

Zones
Wind: Very High
Earthquake: 4
Snow: Region N5
Altitude (AMSL): 460 m
Exposure Zone: B

Hut information
Serviced Alpine Hut / BCA Visitor Group
(to become BCC)
32 bunk hut

Storm water from roof disposed to ground below and away from hut.



Excavate to 300 below FFL to 2m horizontally from building, with battered bank @max 1:2 up to original ground.

Existing 2/45kg gas bottle store moved to new position

Grey water from kitchen. New 100Ø uPVC drain connects to existing septic system at east end of hut

Use fill from cut at west end of hut to build up ground to less than 1m below finished height of deck

Existing foul drain. Locate onsite before work commences.

New water tank on timber stand. Overflow to be disposed to ground, down slope well clear of hut.

Ensure existing drain from wardens quarters and toilets is decommissioned

Drain to new waste water disposal field.

New septic tank. Part of separate consent

New drain from warden's quarters and toilet block. Part of separate consent

Existing trees

Existing trees

- NOTES:**
- Existing dimensions shown are approximate only. CONFIRM on site.
 - Wardens quarters and toilets are to be connected to a separate waste water system. This is not part of this consent
 - The Main Contractor is to prepare a site specific Environmental Protection Plan to be approved by the Principal (NZAC) prior to starting work

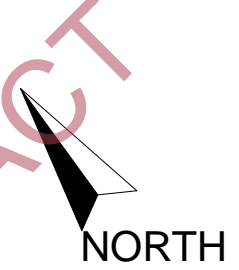
- Site Safety**
Site safety shall comply with F5/AS1. The following MINIMUM safety measures shall be included in the site safety plan prepared by the contractor:
- Signage prohibiting unauthorised entry to the site to be placed at access points
 - Specific hazards to be fenced when workers are absent from the immediate vicinity.
 - This is a backcountry location with relatively limited public access. Specific hazards & requirements for fences or visual barriers to be assessed by the contractor prior to starting work on site.

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First Floor,
3 Cliff Wilson St,
WANAKA
03 443 2567

<p>Aspiring Hut Renovation</p> <p><small>Drawn: B.A.D. Checked: Kat West</small></p>	<p>Part Site Plan</p> <p><small>Issued: 11 JULY 2022 Status: BUILDING CONSENT Revised</small></p>	<p>101</p> <p><small>Scale: 1:250 @ A3 2 of 24</small></p>
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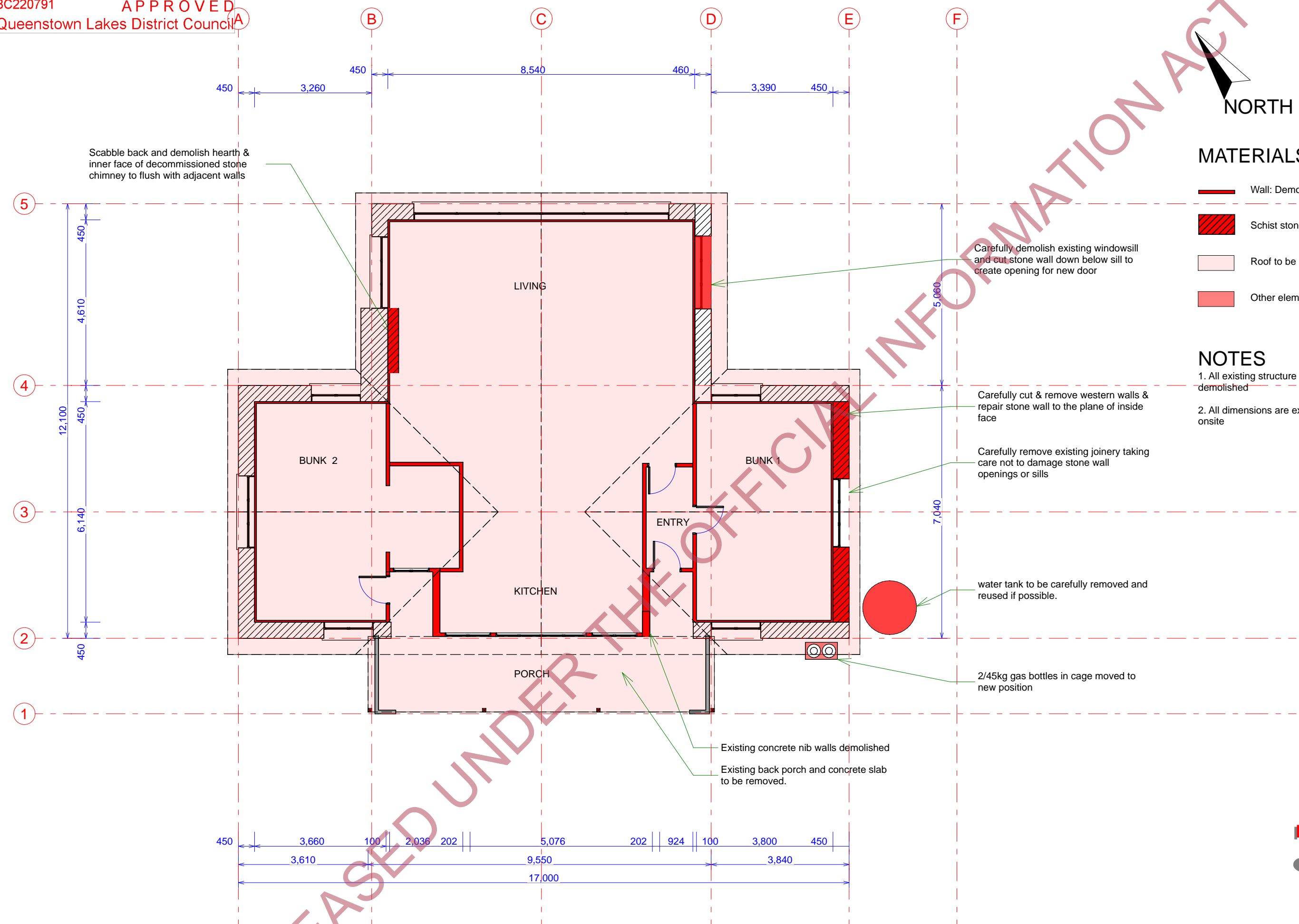


MATERIALS LEGEND

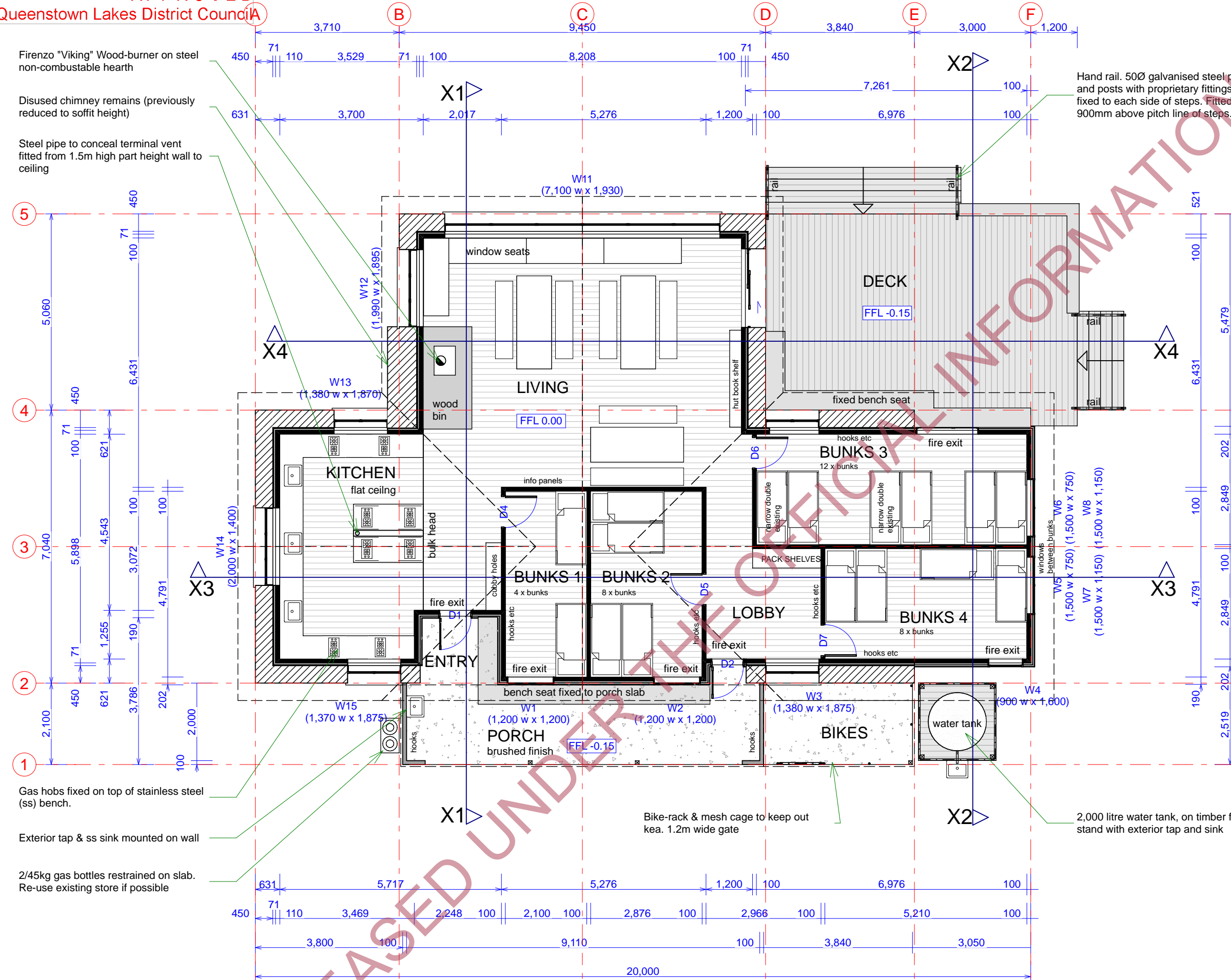
- Wall: Demolition.
- Schist stone wall to be demolished
- Roof to be demolished
- Other elements to be removed

NOTES

1. All existing structure other than stone walls as shown to be demolished
2. All dimensions are existing and approximate. CONFIRM onsite



<p>Aspiring Hut Renovation</p> <p><small>Drawn: B.A.D. Checked: Kat West</small></p>	<p style="font-size: 24px; font-weight: bold;">Existing & Demolition Plan</p> <p><small>Issued: 11 JULY 2022 Status: BUILDING CONSENT Revised</small></p>	<p style="font-size: 36px; font-weight: bold;">102</p> <p><small>Scale: 1:100 @ A3 3 of 24</small></p>
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NORTH

MATERIALS LEGEND

- CLT Wall 100
- CLT Wall 100 + insulation
- CLT Wall 110 + insulation
- 90mm timber framed wall.
- Part height timber framed wall.
- Existing stone wall
- Plate steel hearth
- Timber Decking
- Concrete Patios
- CLT Timber Floor

NOTES

1. All interior doors to have 810 wide x 1980 high solid leaves with vision panels.
2. All doors to comply with the Fire Report requirements. Refer to the written specification for details

Firenze "Viking" Wood-burner on steel non-combustable hearth
 Disused chimney remains (previously reduced to soffit height)
 Steel pipe to conceal terminal vent fitted from 1.5m high part height wall to ceiling

Hand rail. 50Ø galvanised steel pipe and posts with proprietary fittings screw fixed to each side of steps. Fitted 900mm above pitch line of steps.

Gas hobs fixed on top of stainless steel (ss) bench.
 Exterior tap & ss sink mounted on wall
 2/45kg gas bottles restrained on slab. Re-use existing store if possible

Bike-rack & mesh cage to keep out kea. 1.2m wide gate

2,000 litre water tank, on timber framed stand with exterior tap and sink

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Aspiring Hut Renovation

Proposed Floor Plan

103

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Scale: 1:100 @ A3



Stone wall to be built on ground level and well clear of hut.
100Ø uPVC drain min. gradient 1:120

Existing ground level relative to FFL are marked as shown

Concrete ring foundation to reinforce base of stone wall and support edge of CLT floor & walls shown dashed. REFER to Engineer's design.

Subfloor access hatch hidden under hearth.

40Ø Tvent concealed in steel pipe at end of part-height wall to ceiling.

600x600 access hatches to subfloor spaces with suspended drains and ducts. Exact location to suit floor panel layout, however, where possible, they should be hidden under joinery (bunks, benches).

Outside tap and stainless steel sink

2/45kg gas bottles restrained on concrete slab, & installed in accordance per AS/NZS 1596

2/ D12 1200 long at reentrant corners

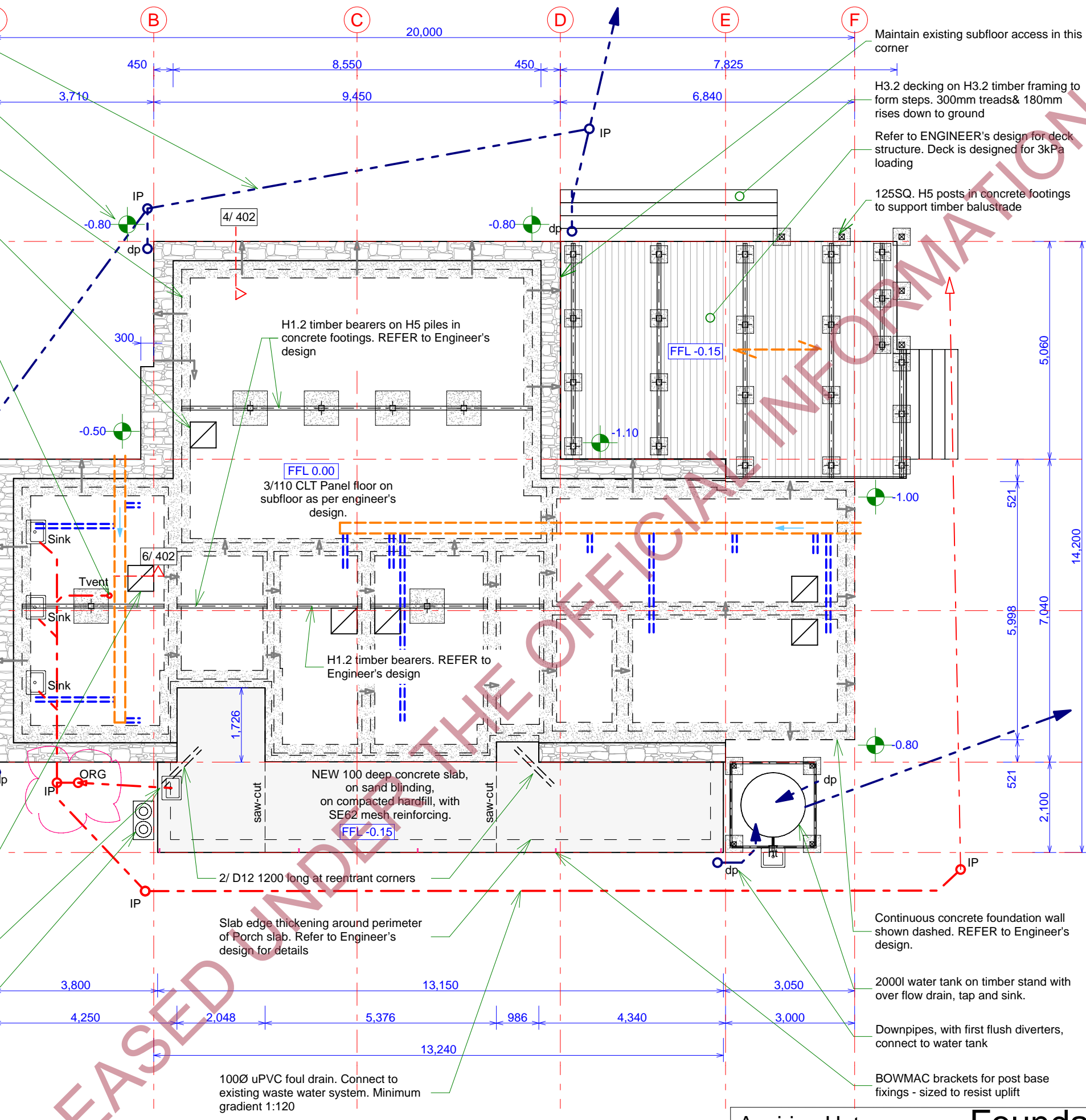
Slab edge thickening around perimeter of Porch slab. Refer to Engineer's design for details

Continuous concrete foundation wall shown dashed. REFER to Engineer's design.

2000l water tank on timber stand with over flow drain, tap and sink.

Downpipes, with first flush diverters, connect to water tank

BOWMAC brackets for post base fixings - sized to resist uplift



DRAINAGE NOTES:

- Sanitary & Drainage Systems to comply with AS/NZS3500.2015.
- MINIMUM foul drain pipe gradients are as follows:
40Ø 1:40
100Ø 1:60
- Sinks are to have min. 40Ø wastes.
- All drains under slabs to be minimum 65Ø
Main Drains to be 100Ø uPVC.
- Stormwater drain to be 100Ø uPVC, with minimum gradient 1:120.
- Suspended drain pipes under the floor shall be supported with brackets & EPDM sleeves at vertical drops, bends and in accordance with AS/NZS3500.2.2.

DRAINAGE LEGEND:

- I Inspection/rodding point
- TVent- 40Ø terminal vent finishing above roof
- ORG- overflow relief gully
- dp- 80Ø downpipe.

FOUNDATION NOTES:

- REFER to engineers documents for details sub-floor, porch slab and deck construction and deck bracing.
- Sub-floor structure shown is simplified. REFER to engineers documents.
- Refer to the DoC procurement manual drawings and specification for details of water tank stand structure .
- Sub-floor space ventilation will be provided via Ø150 holes drilled or cast through exterior and interior foundation walls as shown on this plan. Weight down DPM continuously over ground to reduce rising moisture. REFER to written specification.

FOUNDATION LEGEND:

- Subfloor vents (150Ø) →
- Existing ground level below FFL -0.00

VENTILATION LEGEND:

- 300Ø subfloor ducting
- === 150Ø subfloor ducting

CONFIRM ALL DIMENSIONS ON SITE
EXISTING DIMENSIONS ARE PROVIDED IN GOOD FAITH BUT ARE OF NECESSITY APPROXIMATE

Revised 11 July 2022. revised drainage structure added IP

<p>Aspiring Hut Renovation</p> <p>Drawn: B.A.D. Checked: Kat West</p>	<p>Foundations & Drainage Plan</p> <p>Issued: 11 JULY 2022 Status: BUILDING CONSENT Revised</p>	<p>104</p> <p>5 of 24</p>
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Timber framed walls at gables and nib walls flush to other face of stone walls. REFER to sections and details & ENGINEER's documents

Continuous PFC bond beam at top of stone wall. REFER to ENGINEER's documents

3/110 CLT panels to exterior walls constructed in accordance with ENGINEER's documents

3/110 CLT panel at western gable end constructed in accordance with ENGINEER's documents

Timber framed wall above entry REFER to Sections & ENGINEER's design for details

Exposed 90x45 H3 timber framed wall with plywood cladding to exterior face only

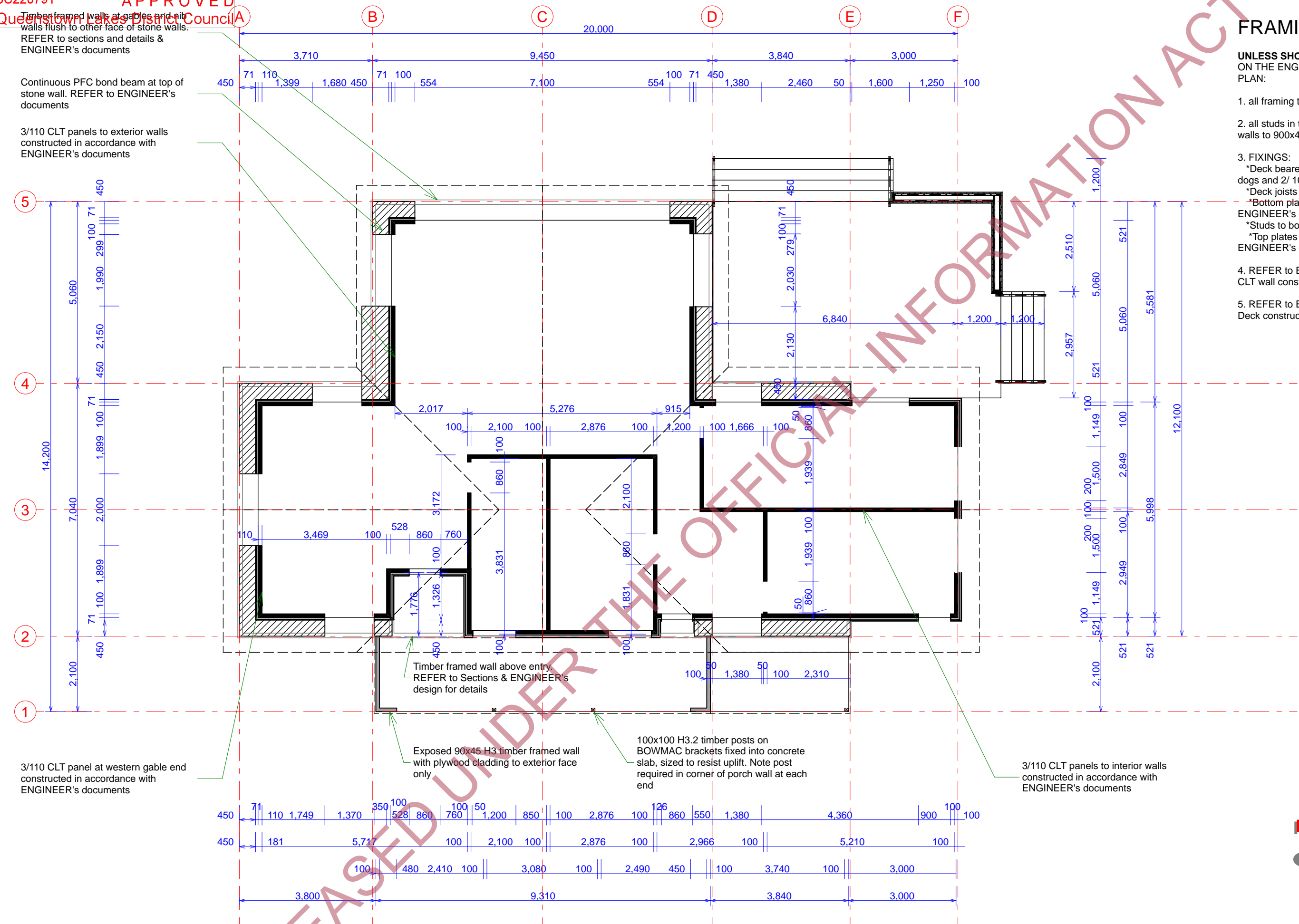
100x100 H3.2 timber posts on BOWMAC brackets fixed into concrete slab, sized to resist uplift. Note post required in corner of porch wall at each end

3/110 CLT panels to interior walls constructed in accordance with ENGINEER's documents

FRAMING NOTES:

UNLESS SHOWN OR NOTED OTHERWISE ON THE ENGINEER'S DETAILS OR THIS PLAN:

- all framing to be SG8
- all studs in timber framed gable, porch & nib walls to 900x45 at max 600¢.
- FIXINGS:
 - *Deck bearers to piles: 2/ 4.9mm galv wire-dogs and 2/ 100x3.75mm galv nails.
 - *Deck joists to bearers: 3/90x3.15 skew nails.
 - *Bottom plates to stone walls: REFER to ENGINEER's design
 - *Studs to bottom Plate.: 3/90x3.15 end nails.
 - *Top plates to CLT panel: REFER to ENGINEER's design
- REFER to ENGINEER's design for details of CLT wall construction, fixings and bracing.
- REFER to ENGINEER's design for details of Deck construction, fixings and bracing.



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Aspiring Hut
Renovation

Framing Plan




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ROOF FRAMING LEGEND:

-  3/120 CLT panel roof
-  Non-structural timber framing for flat ceilings
-  Translucent Roofing: Exposed roof framing

ROOF FRAMING NOTES:

*UNLESS SHOWN OR NOTED OTHERWISE ON THE ENGINEER'S DOCUMENTS OR THESE PLANS:

1. all framing to be SG8
2. FIXINGS: REFER to Engineer's design
3. Roof- plane bracing is provided by CLT panels
4. Refer to the REFER to Engineer's design for roof framing and panel construction details and fixings.

Structural roof is CLT panels (area shaded yellow). Roof cladding is fixed to 70x45 purlins @max. 900¢, on 70x45 continuous fall-line battens @900¢, on PIR insulation above the panel.

Lintels are continuous CLT panels over openings. Refer to Engineer's design for details. Timber framed gable end wall is suspended from CLT roof panels

Eaves formed with extended CLT panel

Plate and packer for cladding above outer face of stone walls & gables.

Non-structural suspended ceilings shown in green. 70x35 battens @max.600¢ on 90x45 joists @max.600¢. 140x45 ceiling runners with timber cleats to CLT structural roof & beams @ max.1800¢

Ridge beam 2/ 300x90 LVL11 or 2/315x88 GL8. REFER to Engineer's design for details

Lintels are continuous CLT panels over openings. Refer to Engineer's design for details

Structural roof is CLT panel (area shaded yellow). Roof cladding is fixed to 70x45 purlins @max. 900¢, on 70x45 continuous fall-line battens @900¢, on PIR insulation above the panel.

Ridge beam 2/ 400x90 LVL11 or 2/450x88 GL8. REFER to Engineer's Documents

300x300 hole in panel for flue.

Valley beams 190x90 SG8. REFER to Engineer's Documents

Nonstructural suspended ceiling over kitchen. 70x35 battens @max.600¢ on 90x45 joists @max.600¢. 140x45 ceiling runners with timber cleats to CLT structural roof & beams @ max.1800¢

Ridge beam 2/ 360x90 LVL11 or 2/360x88 GL8. REFER to Engineer's design for details

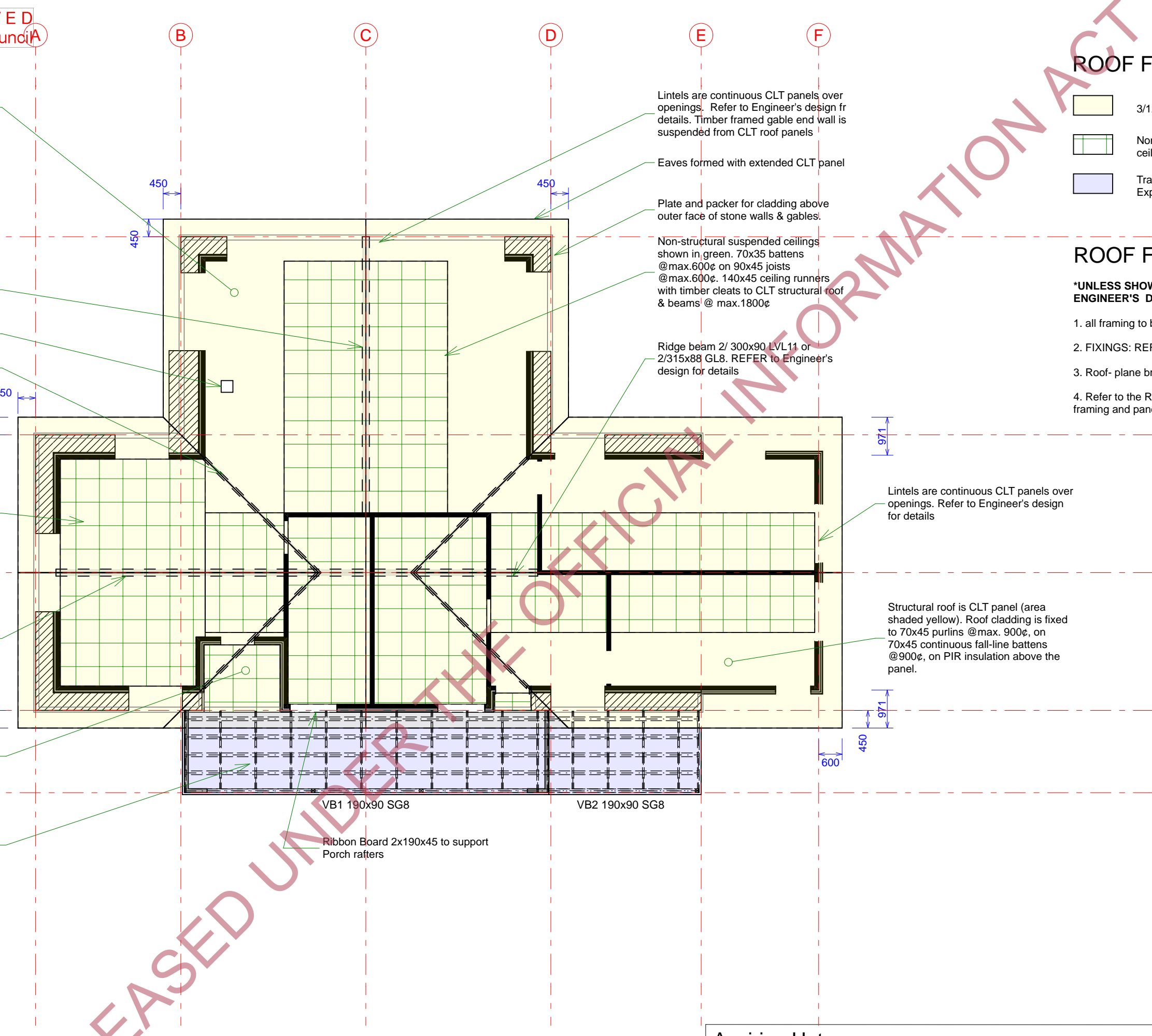
Nonstructural suspended ceiling over entry. Ceiling joists and battens as for kitchen ceiling

Exposed roof framing over Porch. 90x45 purlins @max. 450¢, on 140x45 rafters @ max 900 crs

VB1 190x90 SG8

VB2 190x90 SG8

Ribbon Board 2x190x45 to support Porch rafters











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Aspiring Hut Renovation <i>Drawn:</i> B.A.D. <i>Checked:</i> Kat West	<h2 style="margin: 0;">Roof Framing Plan</h2> <p><i>Issued:</i> 11 JULY 2022 <i>Status:</i> BUILDING CONSENT Revised</p>	Scale: 1:100 @ A3 <h1 style="font-size: 2em; margin: 0;">106</h1> <p style="font-size: 0.8em;">7 of 24</p>
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CEILING LEGEND

-  CLT panel ceilings
-  Plywood ceilings
-  Painted cement board ceiling
-  Translucent roofing
-  Painted CLT panel soffit
-  28.5° Direction of fall for raking ceilings & soffits
-  3000 Height above FFL in mm
-  Ceiling grille locations

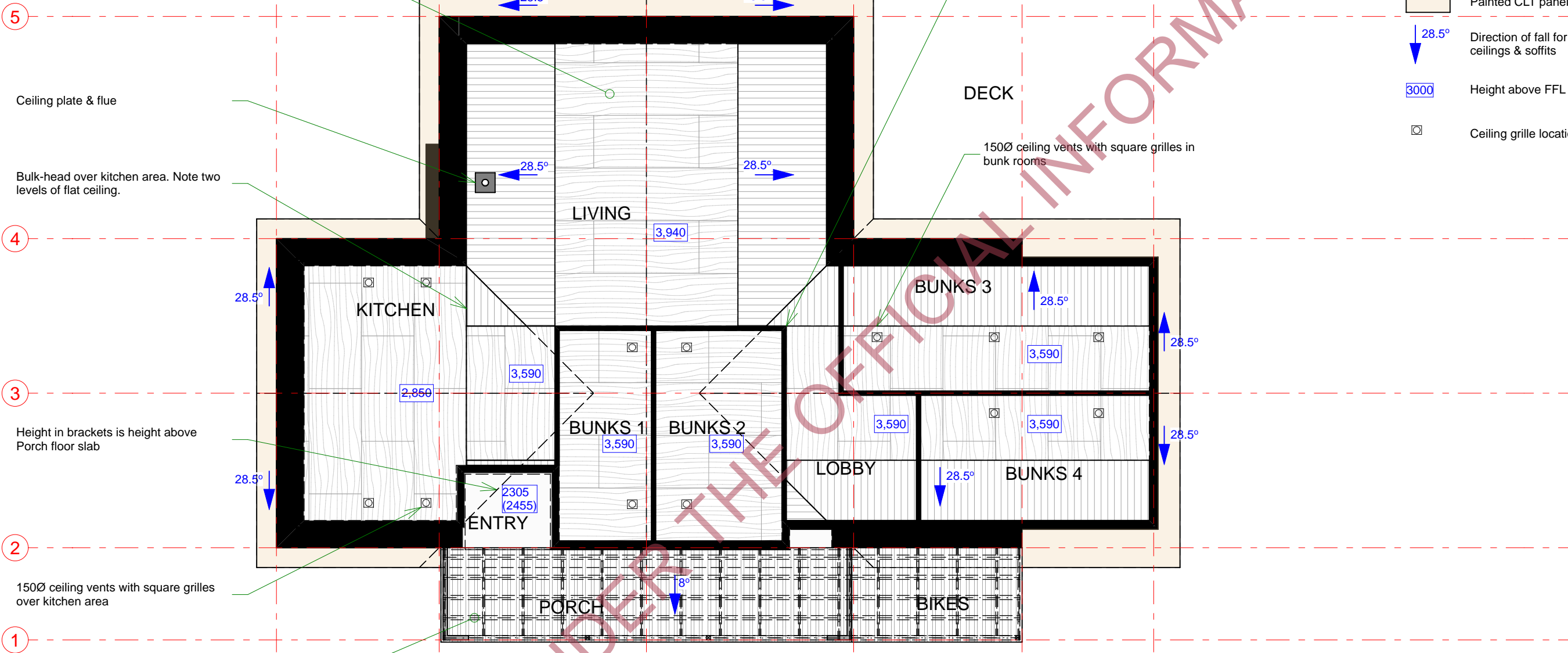
Flat section of covered ceilings have plywood linings

Ceiling plate & flue

Bulk-head over kitchen area. Note two levels of flat ceiling.

Fold line in covered ceilings lines up with bunkroom wall

150Ø ceiling vents with square grilles in bunk rooms



Height in brackets is height above Porch floor slab

150Ø ceiling vents with square grilles over kitchen area

No linings to Porch or Bikes area - translucent roofing over

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Aspiring Hut
Renovation

Reflected Ceiling Plan




107

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Checked: Kat West









Issued: 11 JULY 2022
Status: BUILDING CONSENT Revised

Scale: 1:100 @ A3

VENTILATION LEGEND

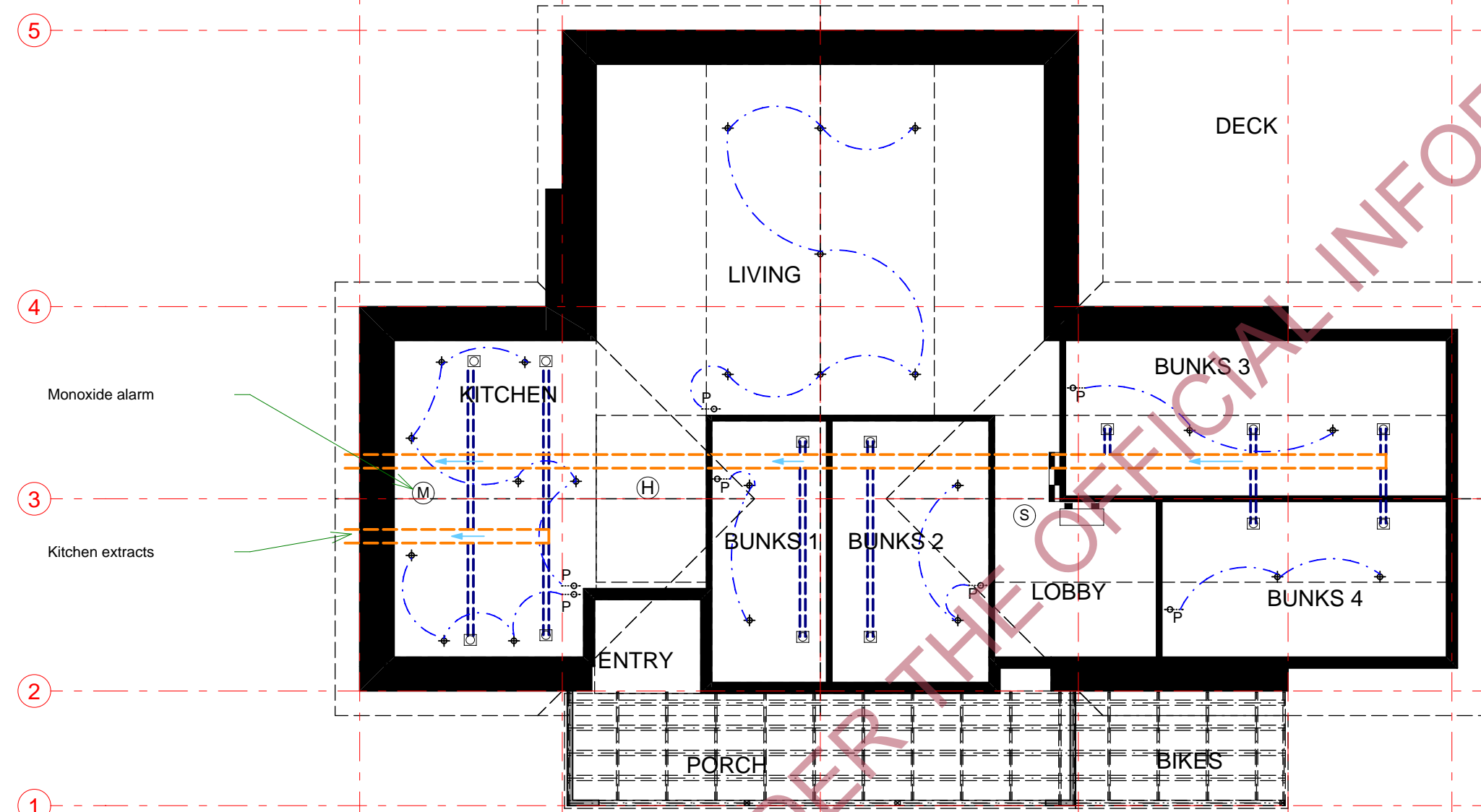
-  ventilation grille
-  300Ø ventilation ducting
-  150Ø ventilation ducting

ELECTRICAL LEGEND

-  Smoke detector alarm
-  Heat detector alarm
-  Carbon monoxide alarm
-  Ceiling mounted light
-  Ceiling mounted pull chord switch
-  Electrical circuit
-  Switch box/ controller
-  Lithium battery

ELECTRICAL NOTES

1. Electrical system to be 12V.
2. Run electrical cables in covered ceiling cavities where possible and in conduits surface mounted on walls.
3. Light switches are ceiling mounted pull cords in bunk rooms, with timer to limit lights to 30 minute operation periods.
4. Confirm electrical layout in consultation with the PRINCIPAL. Note lighting is not intended to be workspace level or reading in bunkrooms, but to be sufficient for navigate the space yet maintain a hut ambience
5. Downlights to be IC/IP rated to allow for full insulation cover.
6. All new light bulbs to be LED. Choose "warm white" colours. maximum 3000K



Monoxide alarm

Kitchen extracts



Aspiring Hut
Renovation

Drawn: B.A.D.
Checked: Kat West

Electrical & Ventilation Plan

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ROOF NOTES:

1. All roofs are T-RIB® profile or equivalent long run, pre-painted steel or translucent polycarbonate as shown. Note manufacturers fixing requirements for thermal expansion.
2. Areas of contributing rainfall catchment shown next to downpipe position. Total = 242 m²
3. Gutters are 150 Half-round Effective cross-sectional area with 10mm freeboard: 6600mm² Install with minimum fall 1:500 to downpipes.
4. Gutters are to be fixed with powder coated aluminium brackets and snow straps at maximum 600¢

ROOFING LEGEND:

-  Pre-painted steel T-RIB profile roofing
-  Translucent T-RIB profile roofing
- dp 80mm Ø min downpipe.

Downpipes unable to connect to the water tank run to the stormwater drain which discharges below and away from the hut

5

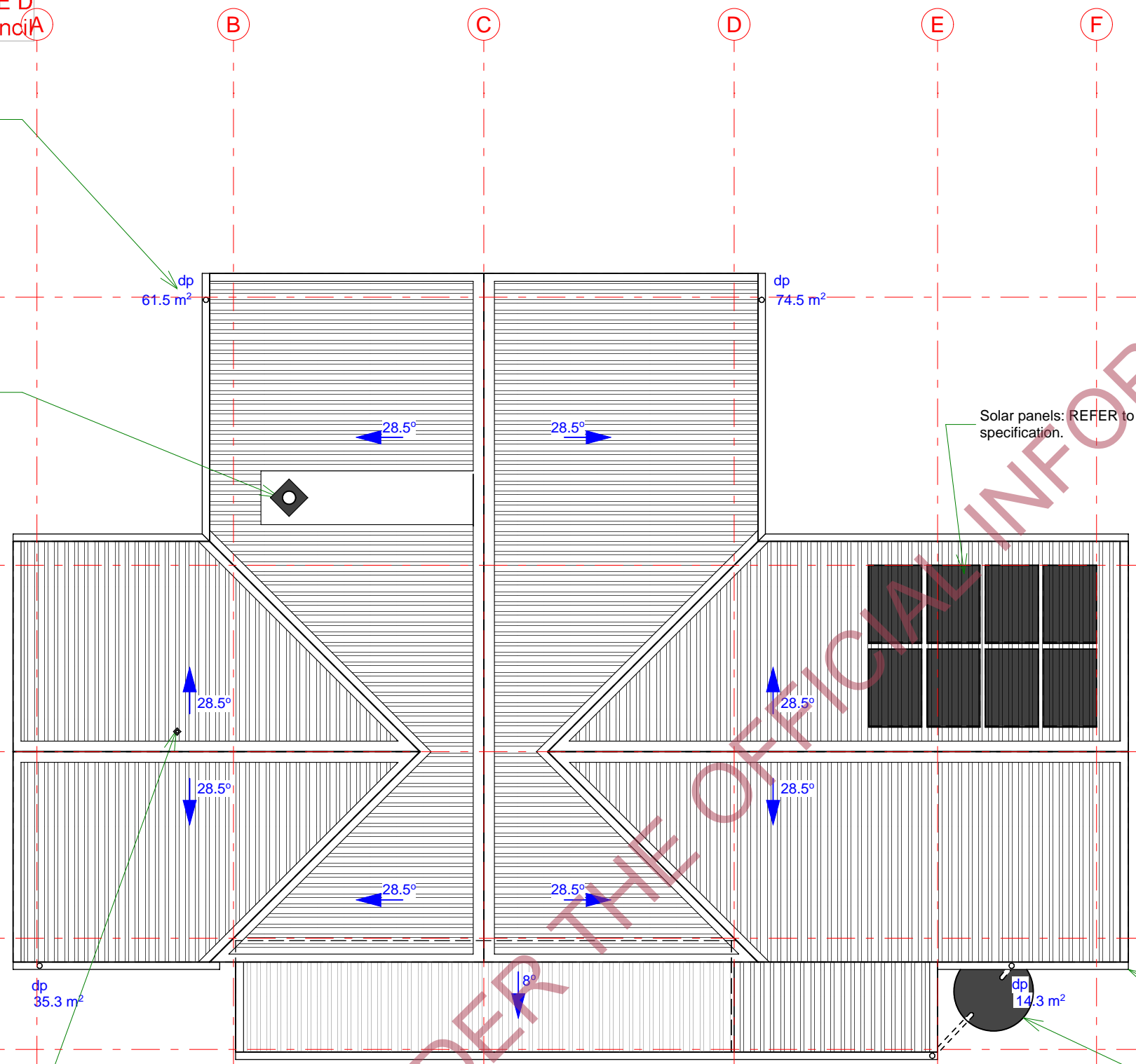
Proprietary EPDM boot flashing to 250Ø Flue pipe on soaker extended down from ridge. REFER E2/AS1 Fig 54 Cover rubber soaker with folded pre-painted steel box with 5mm gap at bottom for drainage to protect from Kea

4

3

2

1



Proprietary EPDM boot flashing to 40Ø Terminal vent. REFER E2/AS1 Fig 53

150 Half-round pre-painted steel spouting fixed with powder coated aluminium brackets and snow straps at maximum 600 centres straps

Water tank is charged with rainwater from the roof. Install first flush diverter. Overflow to discharge to the stormwater drain which discharges below and away from the hut

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Aspiring Hut
Renovation

Roof Plan

Drawn: B.A.D.
Checked: Kat West

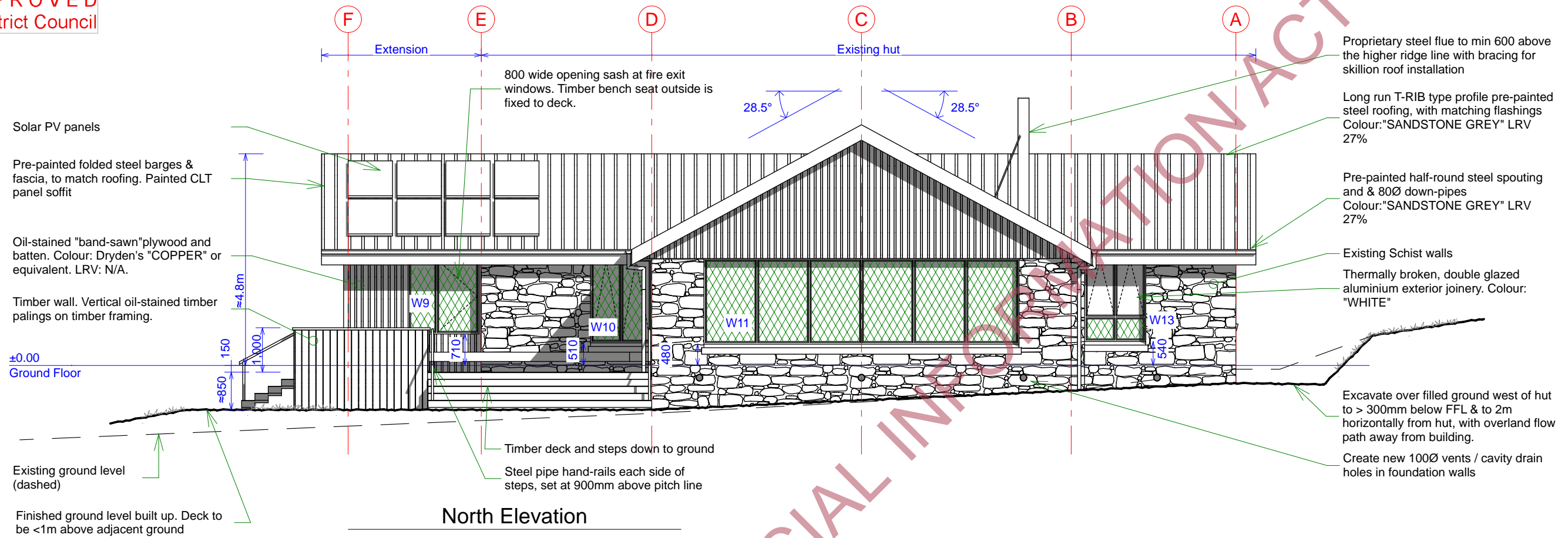
Issued: 11 JULY 2022
Status: BUILDING CONSENT Revised

Scale: 1:100 @ A3

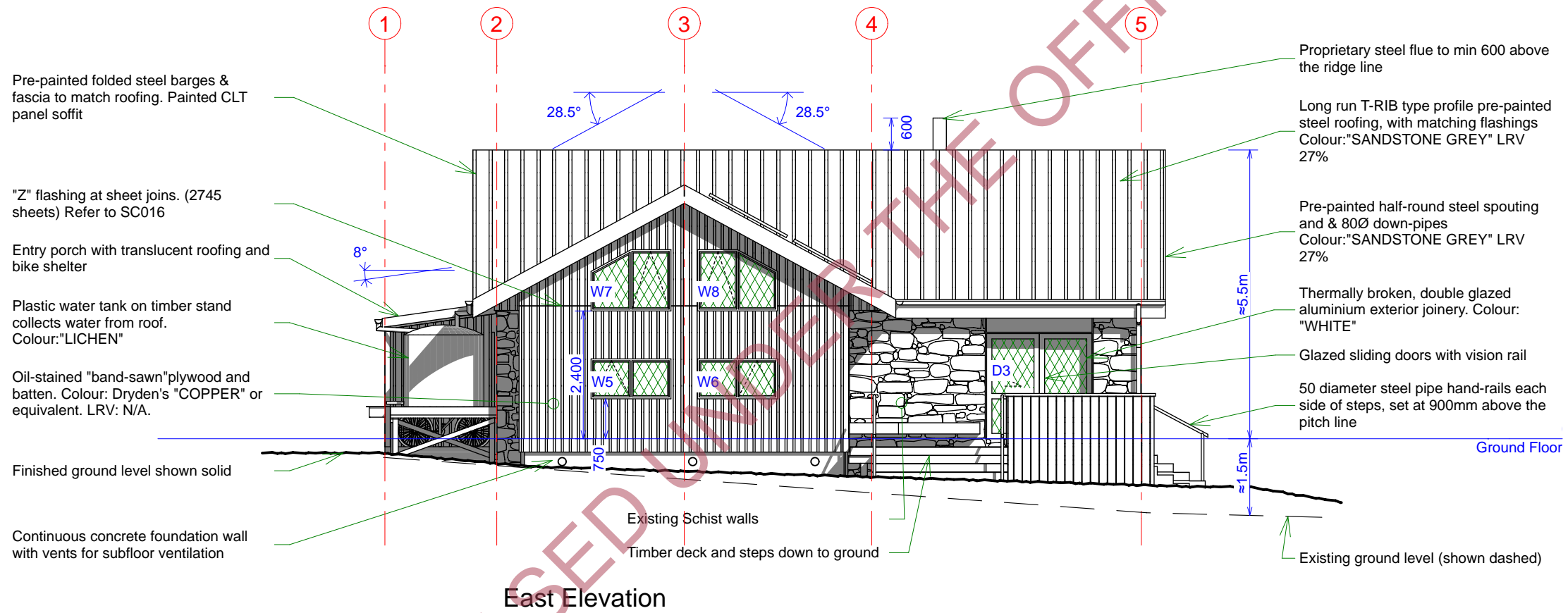
109

10 of 24





North Elevation

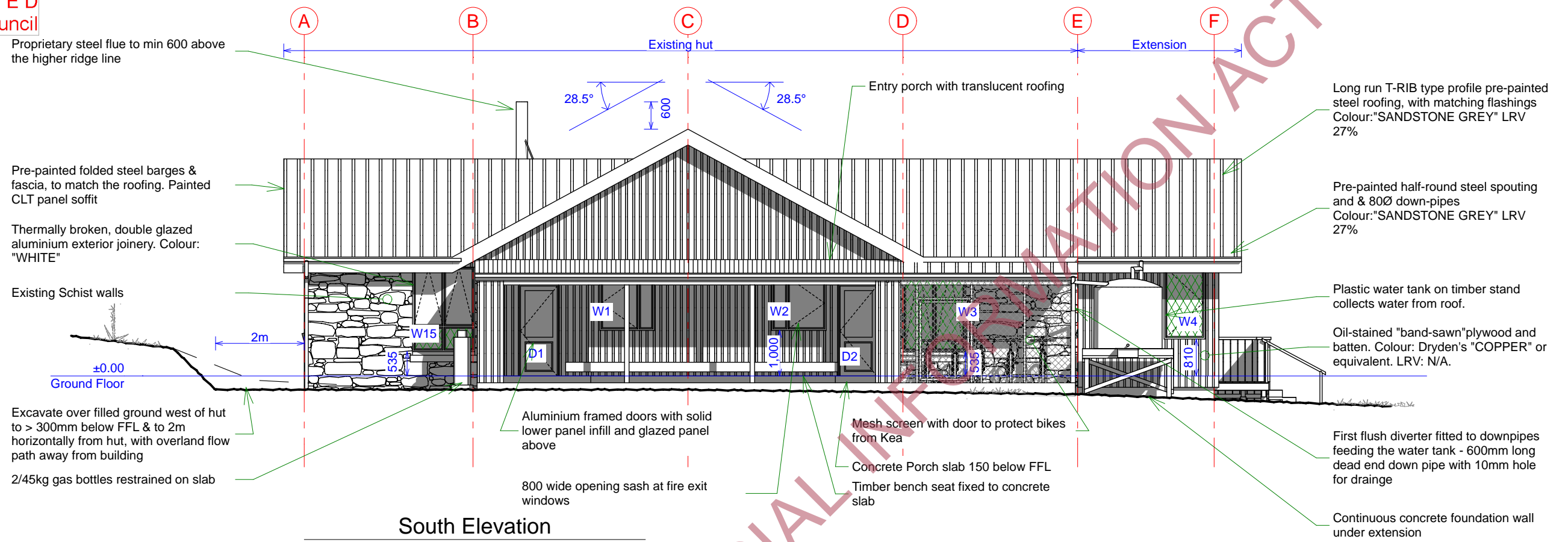


East Elevation

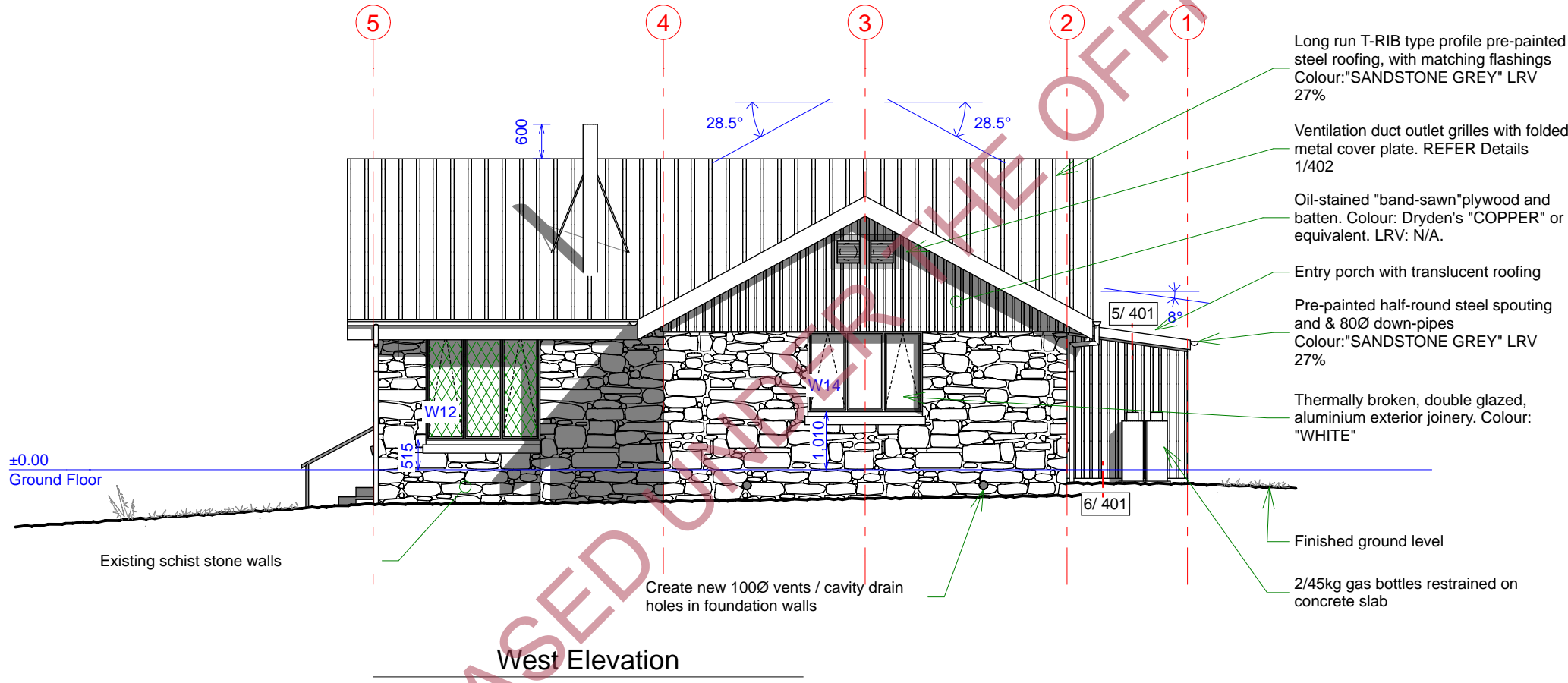
- NOTES:**
1. Safety Glass locations are shown hatched on these elevations. Glazing Manufacturer to confirm all safety glass complies with NZS 4223, Part 3
 2. Restrict all windows to less than 100mm opening where fall potential greater than 1m - eg w7, w8.



<p>Aspiring Hut Renovation</p> <p>Drawn: B.A.D. Checked: Kat West</p>	<h1>Elevations</h1>	<p>201</p>
<p>Issued: 11 JULY 2022 Status: BUILDING CONSENT Revised</p>	<p>Scale: 1:100 @ A3</p>	<p>11 of 24</p>



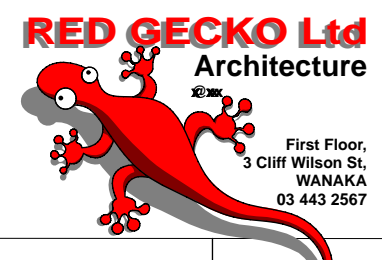
South Elevation

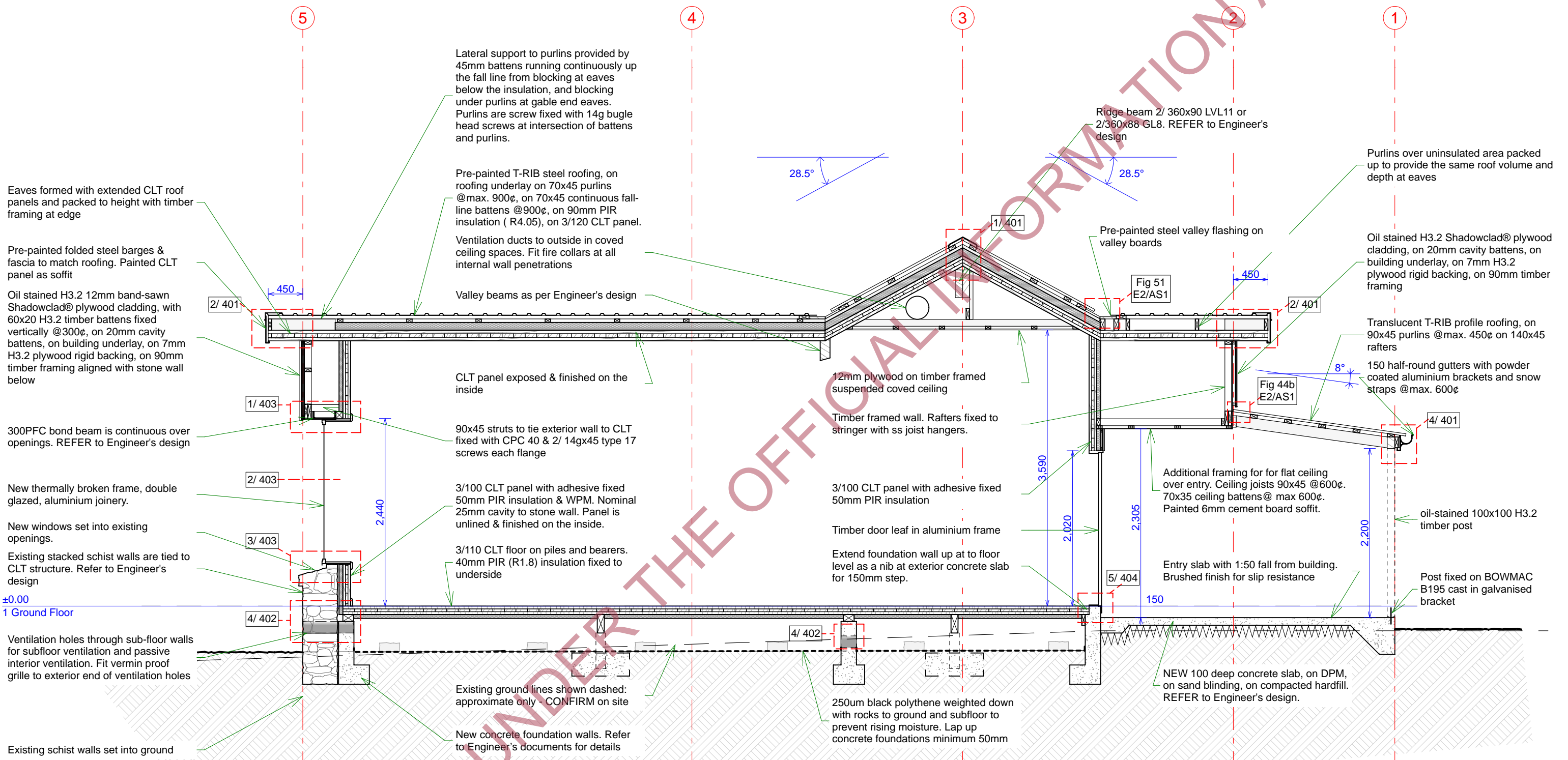


West Elevation

- NOTES:**
1. Safety Glass locations are shown hatched on these elevations. Glazing Manufacturer to confirm all safety glass complies with NZS 4223, Part 3
 2. Restrict all windows to less than 100mm opening where fall potential greater than 1m.

<p>Aspiring Hut Renovation</p> <p><i>Drawn:</i> B.A.D. <i>Checked:</i> Kat West</p>	<p>Elevations</p> <p><i>Issued:</i> 11 JULY 2022 <i>Status:</i> BUILDING CONSENT Revised</p>	<p><i>Scale:</i> 1:100 @ A3</p>	<p>202</p> <p><i>12 of 24</i></p>
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NOTES:

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2. REFER to SHADOWCLAD® specification for proprietary accessories, general construction details and fixings
3. Flashings dimensions and laps from Table 7.E2/AS1 for very high wind zone. For roof pitches < 10°:
x = 200
y = 2 crests
z = 70
4. NOTE: Structural fixings may be simplified. REFER to Engineers details for SED foundations, CLT panels, beams, framing & fixings

Aspiring Hut
Renovation

Section X1

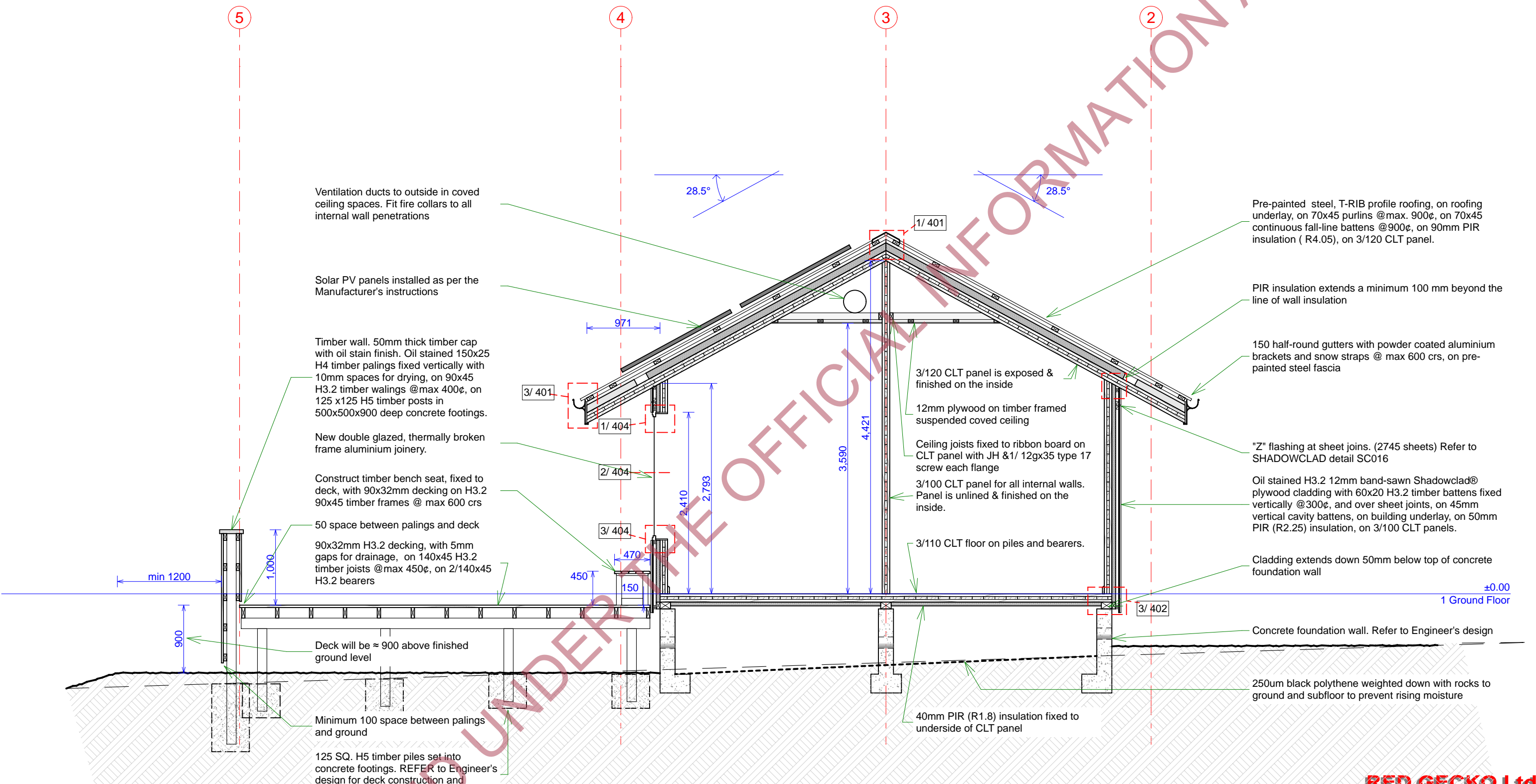
Drawn: B.A.D.
Checked: Kat West

Issued: 11 JULY 2022
Status: BUILDING CONSENT Revised

Scale: 1:50 @ A3

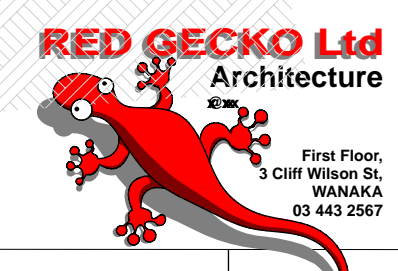
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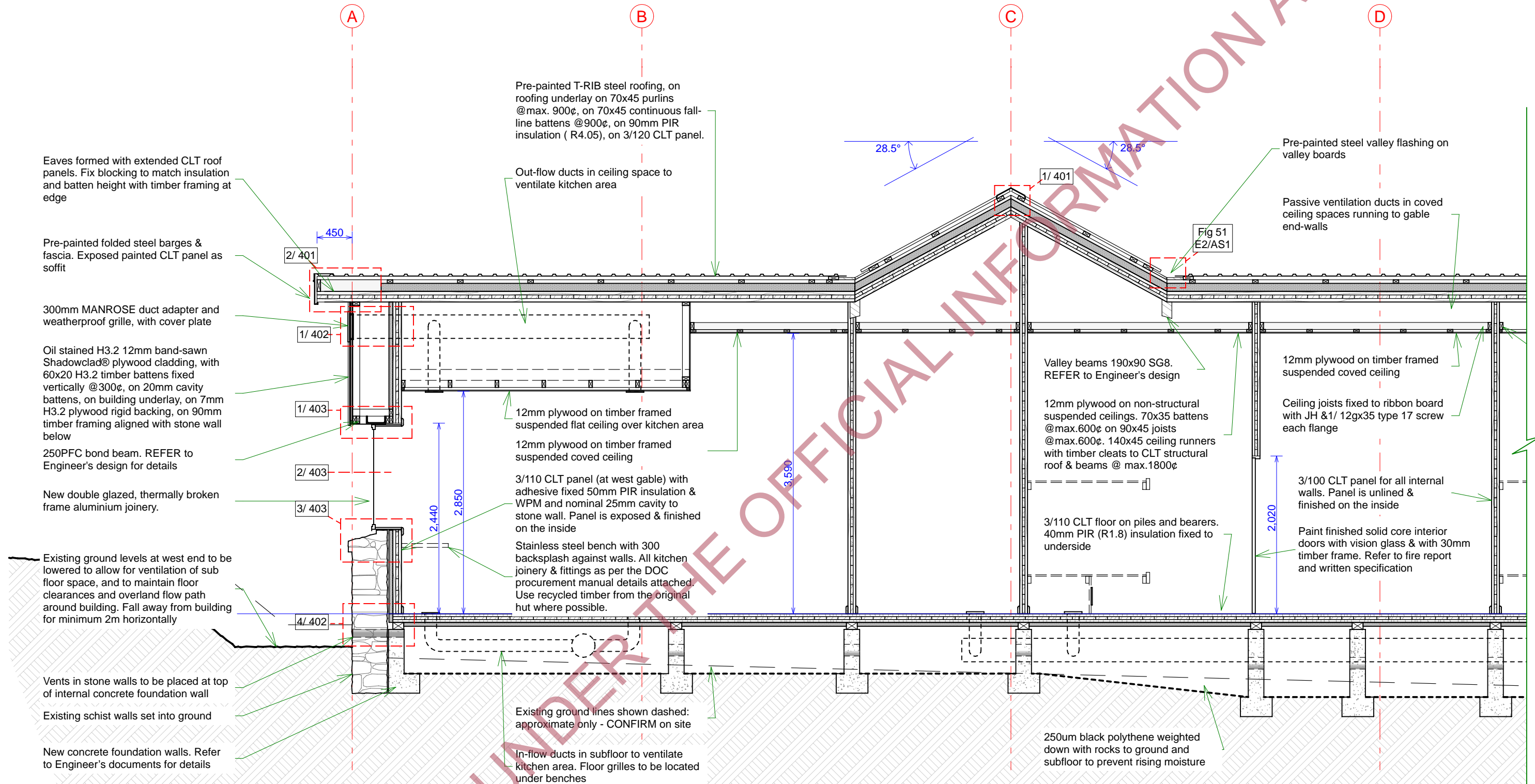




- NOTES:**
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<p>Aspiring Hut Renovation</p> <p>Drawn: B.A.D. Checked: Kat West</p>	<p>Section X2</p> <p>Issued: 11 JULY 2022 Status: BUILDING CONSENT Revised</p>	<p>302</p> <p>Scale: 1:50 @ A3 14 of 24</p>
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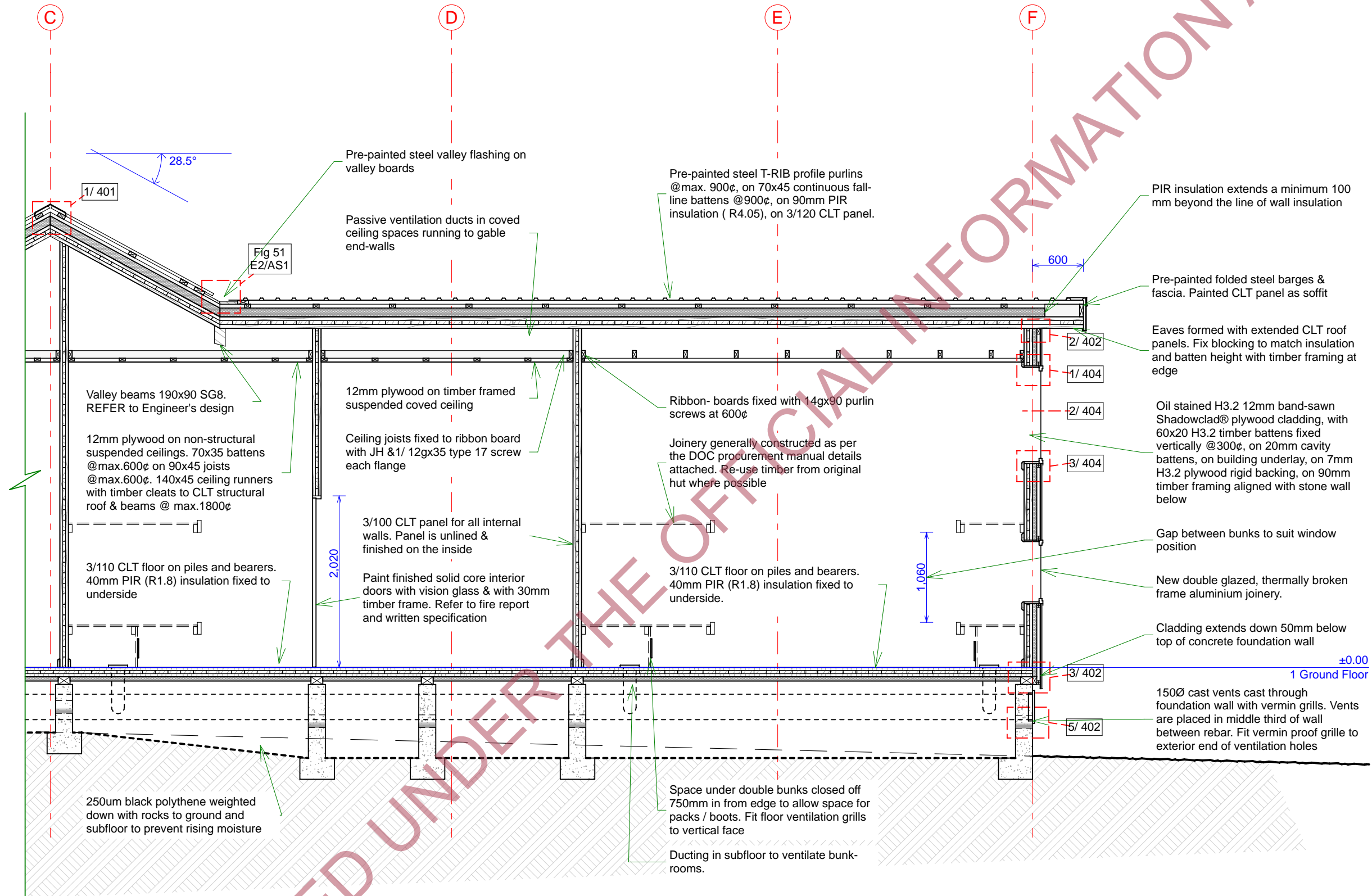




- NOTES:**
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<p>Aspiring Hut Renovation</p> <p>Drawn: B.A.D. Checked: Kat West</p>	<p>Section X3 West</p> <p>Issued: 11 JULY 2022 Status: BUILDING CONSENT Revised</p>	<p>303</p> <p>Scale: 1:50 @ A3 15 of 24</p>
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NOTES:

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Aspiring Hut
Renovation

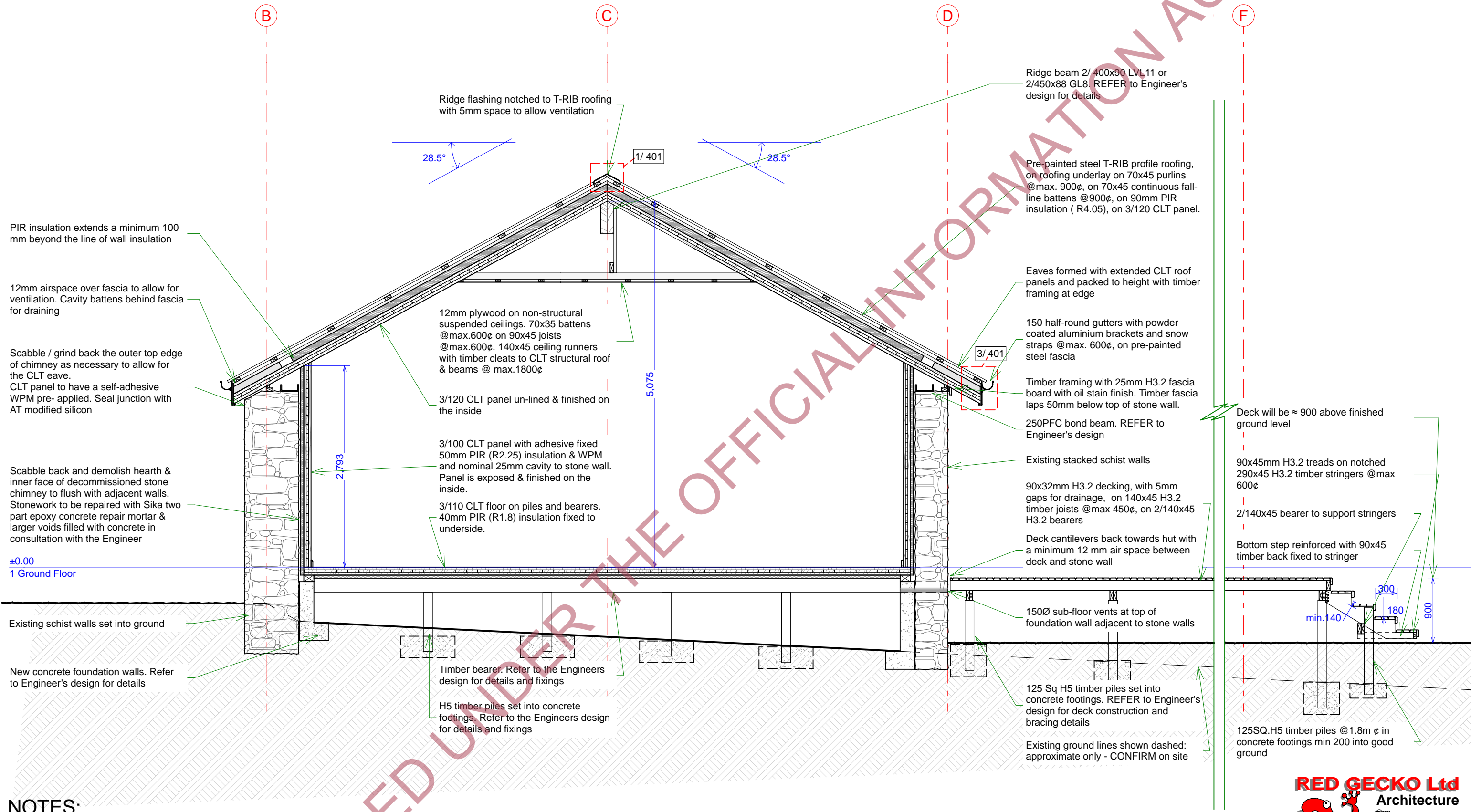
Section X3 East

304

Drawn: B.A.D.
Checked: Kat West

Issued: 11 JULY 2022
Status: BUILDING CONSENT Revised

Scale: 1:50 @ A3



NOTES:

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<p>Aspiring Hut Renovation</p> <p>Drawn: B.A.D. Checked: Kat West</p>	<p>Section X4</p> <p>Issued: 11 JULY 2022 Status: BUILDING CONSENT Revised</p>	<p>Scale: 1:50 @ A3</p>	<p>305</p> <p>17 of 24</p>
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Pre-painted steel T-RIB profile roofing, on roofing underlay. Fold up at troughs to form stop ends at top.

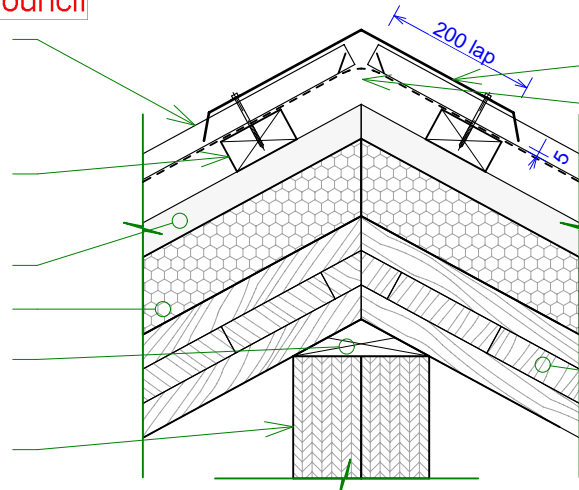
Timber purlins & fall-line battens fixed over continuous layer of PIR solid insulation. REFER to Engineer's documents for fixings

Fall line battens

ENERTHERM PIR solid insulation

Shaped packer. REFER to Engineer's design for details

Timber ridge beam. REFER to Engineer's design for details



1 VENTED RIDGE

Pre-painted, folded steel, ridge flashing notched to fit profile with 5mm airspace to allow for roof space ventilation

Roofing underlay with 50Ø holes @300Ø along apex to allow air flow through ridge flashing.

Exposed roof framing. Timber purlins on timber rafters. Shape edge purlin to suit beam and roof pitch

SS joist-hangers and type 17 screws.

Tapered wooden wedge packer

CLT roof panel. REFER to Engineer's design for details and fixings

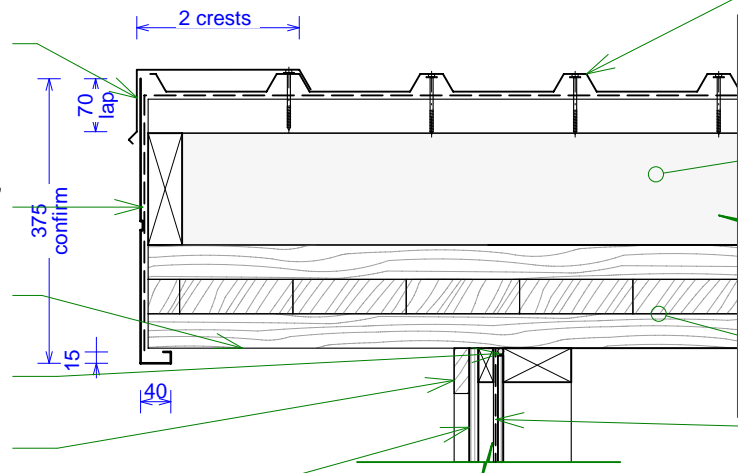
Pre-painted, folded steel, barge flashings to suit roofing profile. Refer to E2/AS1 Fig47(b) with dimensions for very high wind zone given below

Pre-painted, custom folded steel barge, with centre swage for stiffness, over underlay

CLT panel is exposed as soffit. Paint finish.

Seal top of plywood rigid backing to CLT at top of wall with continuous bead of MS silicon

Timber batten at top of cladding, with chamfer to back corner



2 BARGE

Shadowclad® plywood cladding, on 20mm vertical cavity battens

Pre-painted steel T-RIB profile roofing, on roofing underlay.

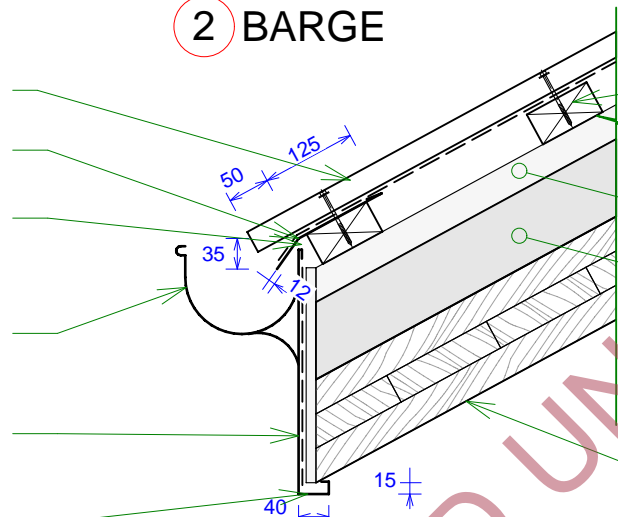
Drip edge eave flashing as per E2/AS1

Set lower edge purlin 12mm back from fascia, and provide 12mm gap to eave flashing for ventilation into roof space.

150 half-round gutters with powder coated aluminium brackets and snow straps @max. 600Ø

Pre-painted folded steel fascia on 20mm cavity battens & DPC at 600Ø behind gutter brackets

Drill 6Ø holes in lower edge @600Ø for drainage



3 VENTED EAVE

Skillion roof

Pre-painted steel T-RIB profile roofing, on roofing underlay. Fix every crest

ALYSINTE Translucent T-RIB profile roofing. REFER to Manufacturer's Specification for fixing and installation details

135x45 timber blocking to provide lateral support to purlins.

Exposed H3.2 roof framing. Timber purlins on timber rafters

Block between purlins above rafters, to remove bird nesting space

CLT roof panel. REFER to Engineer's design for details and fixings

Building underlay, on 7mm plywood rigid backing, on timber framing

6mm overhang to bottom plate to separate cladding from blocking

Timber purlins & fall-line battens fixed over continuous layer of PIR solid insulation. REFER to Engineer's design for fixings

In situ concrete slab edge foundation REFER to ENGINEER's design, Foundation plans & Section X2 for details

Fall-line battens

90x45 timber blocking to provide lateral support to fall-line ventilation space battens.

In situ concrete slab edge foundation REFER to ENGINEER's design

CLT panel is exposed as soffit. Paint finish

4 PORCH EAVE

5 PORCH WALL

Top of wall

6 PORCH WALL

Bottom of wall

ALYSINTE Translucent T-RIB profile roofing. REFER to Manufacturer's Specification for fixing and installation details

150 half-round gutters with powder coated aluminium brackets and snow straps @max. 600Ø

140x45 continuous timber packer

Pre-painted folded steel fascia on 20mm cavity battens & DPC at 600Ø behind gutter brackets

Drill 6Ø holes in lower edge @600Ø for drainage

Oil-stained H3.2 timber beam & post. REFER to Roof Framing Plan & Engineer's design for details

Pre-painted folded steel barge flashings as per E2/AS1 Fig47(b) with dimensions for very high wind zone.

90x45 timber packer

Pre-painted custom folded steel barge, on DPC, on 20mm cavity battens at 600Ø

Continuous Shadowclad® batten to top of wall

Shadowclad® plywood & battens direct fixed on timber framing.

90mm H3.2 timber wall framing is exposed on interior side

Shadowclad® plywood & battens direct fixed on timber framing.

SS approved bottom plate anchor @max. 900Ø

Cladding extends 35mm over bottom plate

Ex 90x45 H5 blocks as packers at each bottom plate fixing, with DPC above and below

Ground slopes away from building min. 1m.

min 100 deep clean free draining gravel

NOTES:

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z = 70

4. NOTE: Structural fixings may be simplified on these details. REFER to Engineers details for SED foundations, CLT panels, beams, framing & fixings



Aspiring Hut
Renovation

Details 1:10

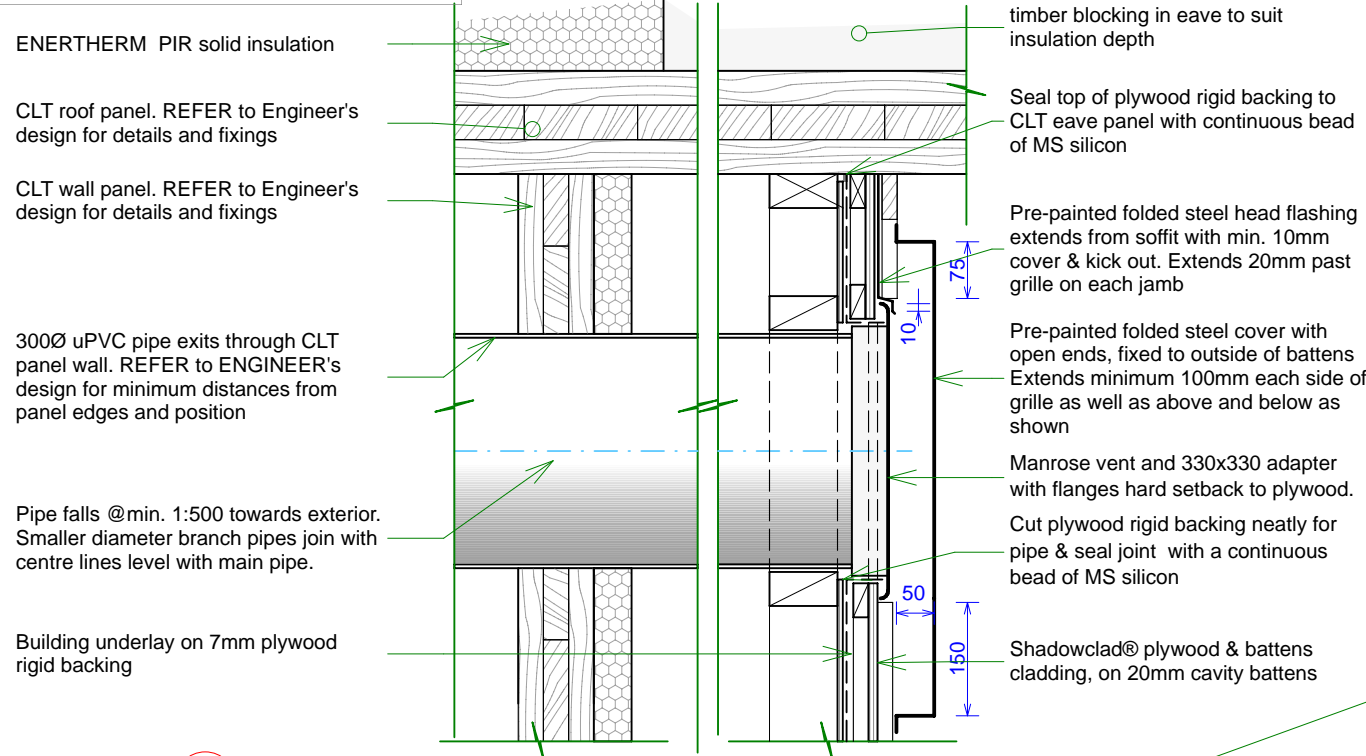
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Drawn: B.A.D.
Checked: Kat West

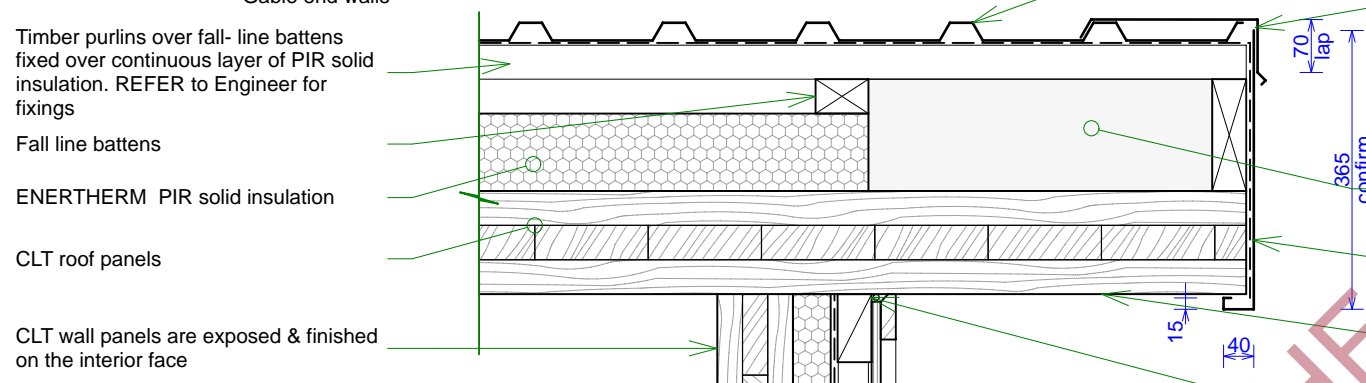
Issued: 11 JULY 2022
Status: BUILDING CONSENT Revised

Scale: 1:10 @ A3

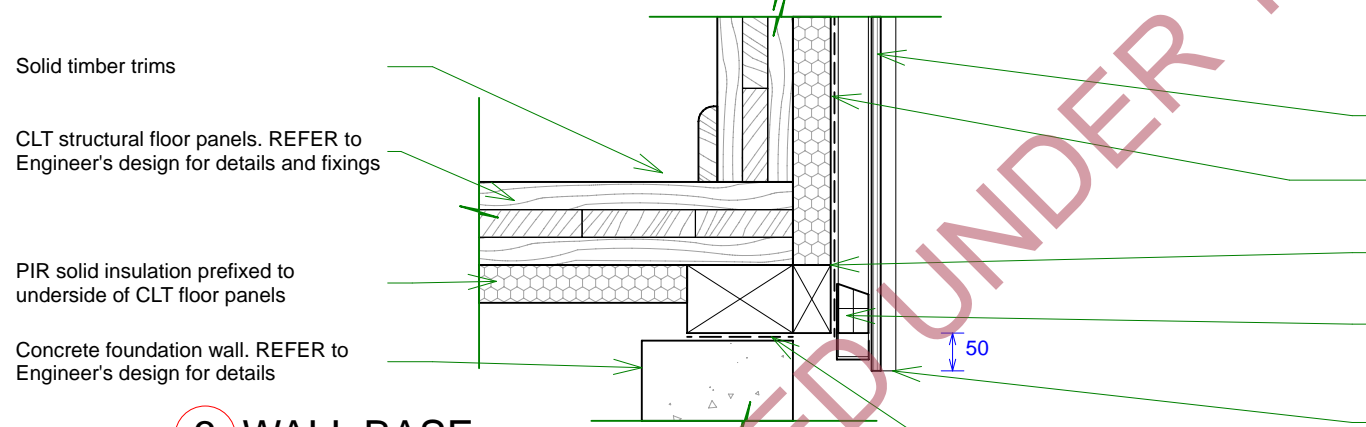
18 of 24



1 OUT-FLOW VENT
Gable end walls



2 TOP OF WALL
Plywood on cavity/ CLT



3 WALL BASE
Plywood on cavity/ CLT/ concrete foundation wall

NOTES:

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Solid timber trims - re-use native timber from original hut where possible

Fix insulation and DPM to floor end prior to installing walls

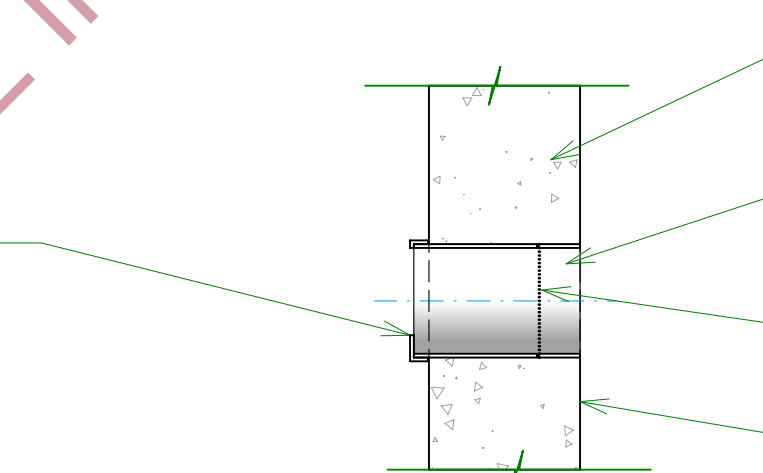
REFER to Engineer's documents for CLT panel construction details and fixings

PIR solid insulation prefixed to underside of CLT floor panels

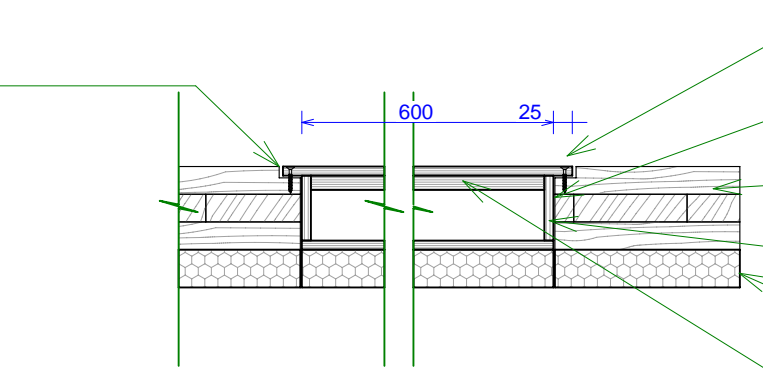
End cap glue-fixed and cut out with 20mm lip to stop end. Pipe falls at min. 2' to exterior.

150Ø uPVC pipe spilt and reduced at top edge for compression fit in new holes cut through stone walls and cast through foundation wall. Install into hole drilled in stone wall prior to casting into insitu concrete foundation wall

4 SUB-FLOOR VENT
Concrete & Stone walls



5 SUB-FLOOR VENT
Concrete foundation walls



6 FLOOR HATCH
Access to subfloor



<p>Aspiring Hut Renovation</p> <p>Drawn: B.A.D. Checked: Kat West</p>	<p>Details 1:10</p> <p>Issued: 11 JULY 2022 Status: BUILDING CONSENT Revised</p>	<p>Scale: 1:10 @ A3</p>	<p>402</p> <p>19 of 24</p>
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Building underlay, on plywood rigid backing, on timber framing. Wrap underlay into openings and reinforce corners with additional flashing tape

Tape over head of steel flashing

Castellated draining base batten

Folded pre painted steel flashing to provide a 6mm airspace & drainage from cavity

Painted fibre cement board soffit lining over openings in stone walls

Head flashing sealed at top flange of window & covered with Ex 20mm timber fillet for very high wind zone

Thermally broken double glazed aluminium joinery. (indicative only)

2 part epoxy concrete repair compound to give flat surface for packer

Existing stacked schist walls are tied to CLT structure. REFER to Engineer's design

Folded pre painted steel flashing is sealed into cut in stone wall with MS sealant.

Apply a layer of Aluband WPM to timber packer to isolate flashing from treated timber

Joinery flange with minimum 10mm cover to flashing, pressed over self adhesive compressible seal

Ex 25mm H4 timber packer to form rebate is packed to plumb or level, screw fixed to stone wall

Thermally broken double glazed aluminium joinery. (indicative only)

Ex 25mm H4 shaped timber packer to form rebate is packed to plumb or level, and screw fixed to existing sill

5mm gap for drainage between joinery and sill flashing

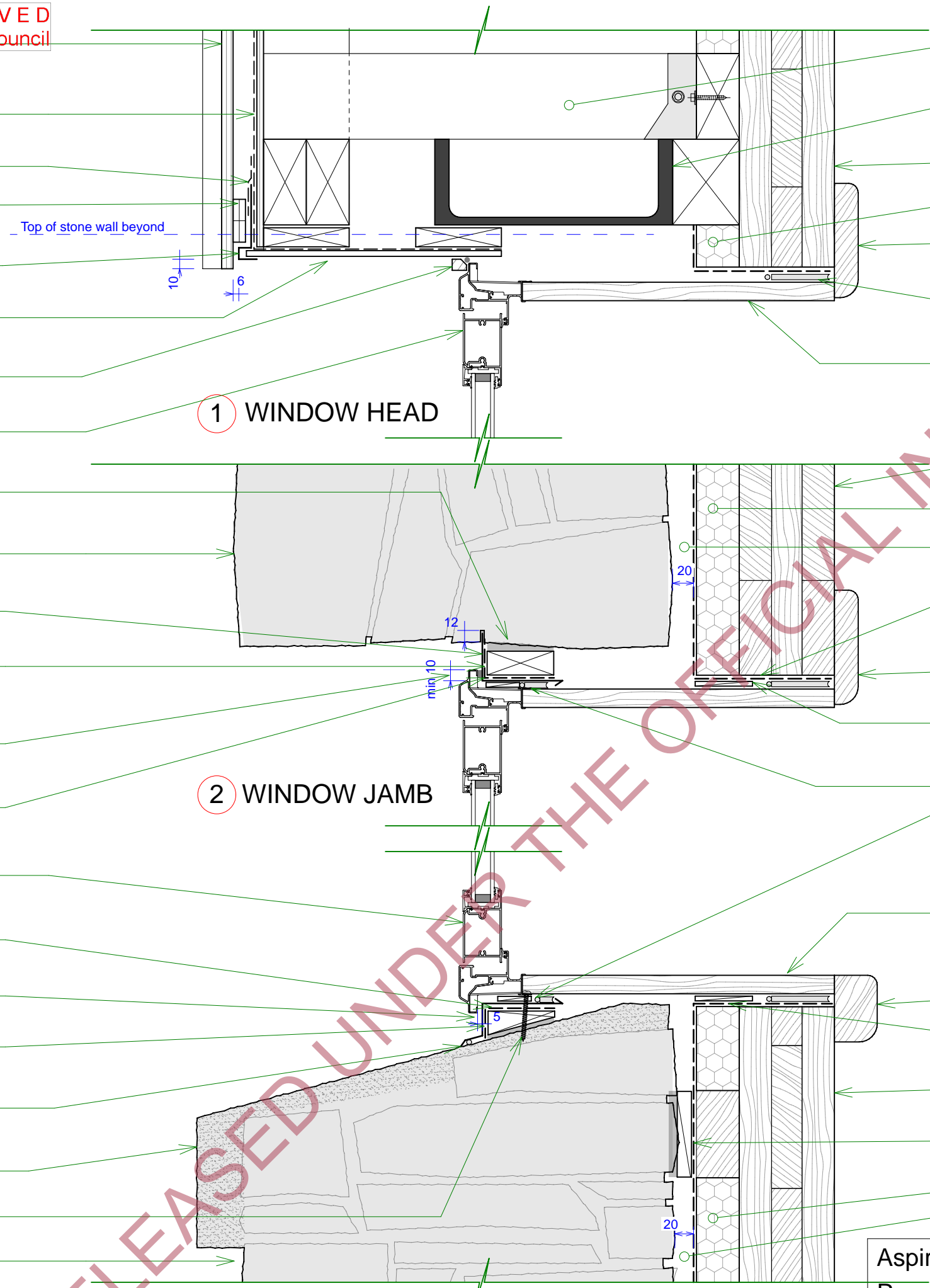
Apply a layer of Aluband WPM to packer to isolate flashing from treated timber

Folded pre painted steel flashing is sealed to the existing plaster sill with MS sealant.

Existing plastered concrete sills (≈15"). Repair plaster if required to give smooth finish

2 part epoxy concrete repair compound between packer and existing sill

Existing stacked schist walls are tied to CLT structure. REFER to Engineer's design



Timber framing to connect gable end & nib-walls to CLT panels. REFER to Engineer's documents

PFC bond beam is continuous over windows. REFER to Engineer's details

CLT panel is exposed & finished on the interior face

PIR insulation

Recycled native timber trims & architrave.

5mm head tolerance gap. No packers. Install PEF backing rod & complete air seal with urethane foam

Painted timber reveals are fitted after fixing & sealing windows

CLT panel is exposed & finished on the interior face

PIR insulation with WPM on cavity face

Minimum 20mm cavity to stone wall

Wrap WPM fully into all sides of opening with adhesive flashing tape

Recycled native timber trims & architrave.

5mm packers. Install PEF backing rod & complete seal with urethane foam full width of joinery

Fix joinery frame with solid packers and install PEF backing rod & complete seal with urethane foam (air seal is provided at joinery and at CLT panel)

Painted timber reveals are fitted after fixing & sealing windows

Recycled native timber trims & architrave.

Wrap WPM fully into all sides of opening with adhesive flashing tape

CLT panel is exposed & finished on the interior face

Solid timber packers on stone wall to maintain cavity. REFER to Engineer's details for construction details and fixings

PIR insulation with WPM on cavity face

Minimum 20mm cavity to stone wall

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1 WINDOW HEAD

2 WINDOW JAMB

3 WINDOW SILL

RELEASED UNDER THE OFFICIAL INFORMATION ACT

**Aspiring Hut
Renovation**

Drawn: B.A.D.
 Checked: Kat West

Details 1:5

Issued: 11 JULY 2022
 Status: BUILDING CONSENT Revised

Scale: 1:5 @ A3



403

Shadowclad® plywood & battens, on 45mm cavity battens, on building underlay

45mm horizontal castellated draining batten between vertical battens with 45mm draining cavity closer

Flashing tape over top of head flashing.

Pre-painted steel head flashing with slope to top face and stop ends up and down.

5mm gap for drainage.

Minimum cover between flashing and joinery.

Head flashing sealed at top flange of window for very high wind zone

Thermally broken double glazed aluminium joinery. (indicative only)

1 WINDOW HEAD

Plywood on 45 cavity

Shadowclad® plywood & battens, on 45mm cavity battens

Building underlay on PIR insulation

Batten on each side of window at jamb

Minimum cover between flashing and joinery.

Press joinery at jamb over compressible self adhesive foam tape

Thermally broken double glazed aluminium joinery. (indicative only)

2 WINDOW JAMB

Plywood on 45 cavity

Thermally broken double glazed aluminium joinery. (indicative only)

Proprietary support bar.

Minimum 10mm lap with cladding plus min 5mm gap behind joinery.

Horizontal batten at sill, set 5mm off joinery. Note slope to top face.

45mm Vertibat horizontal castellated batten as blocking at top of cavity

Shadowclad® plywood & battens, on 45mm cavity battens

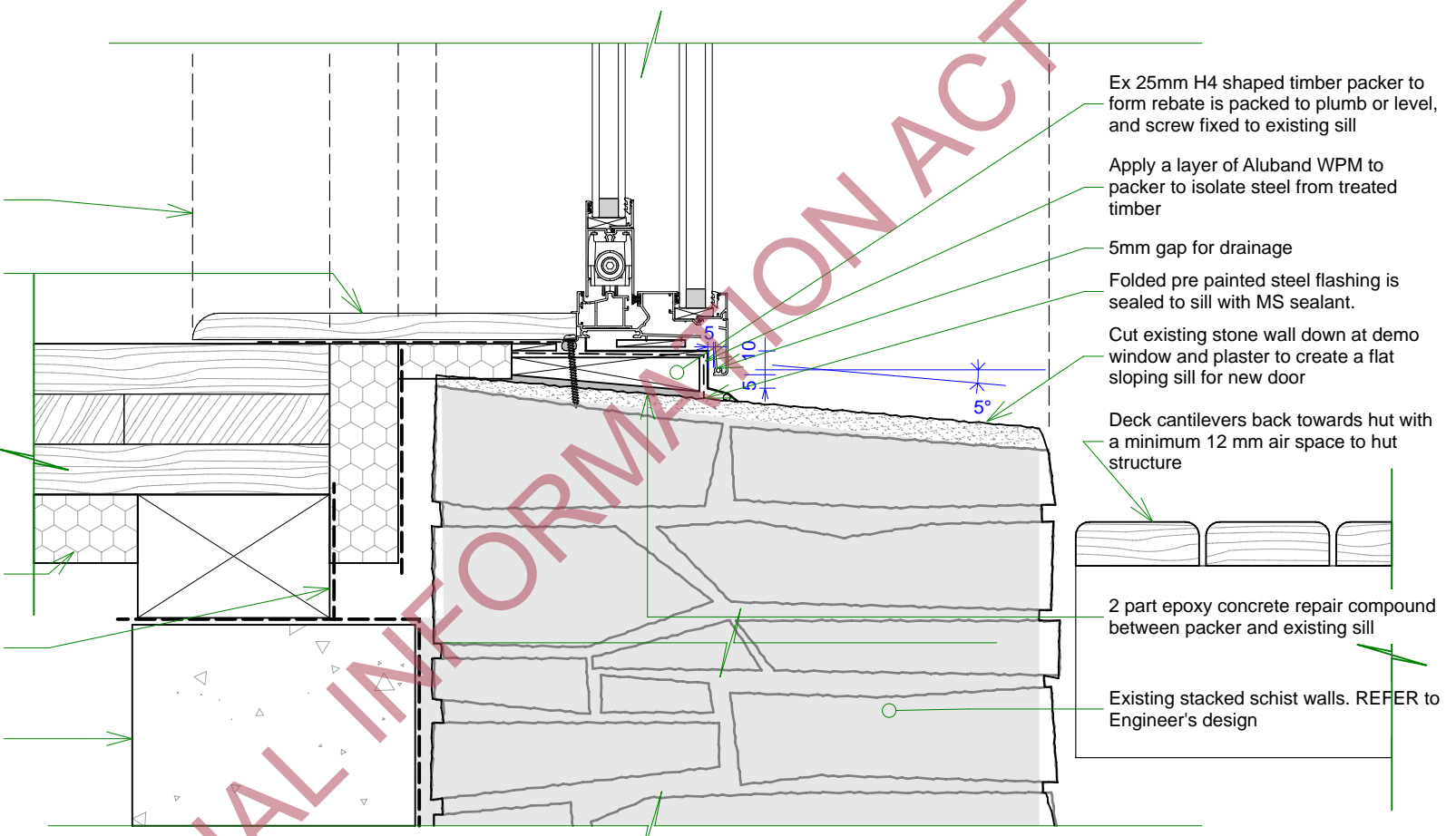
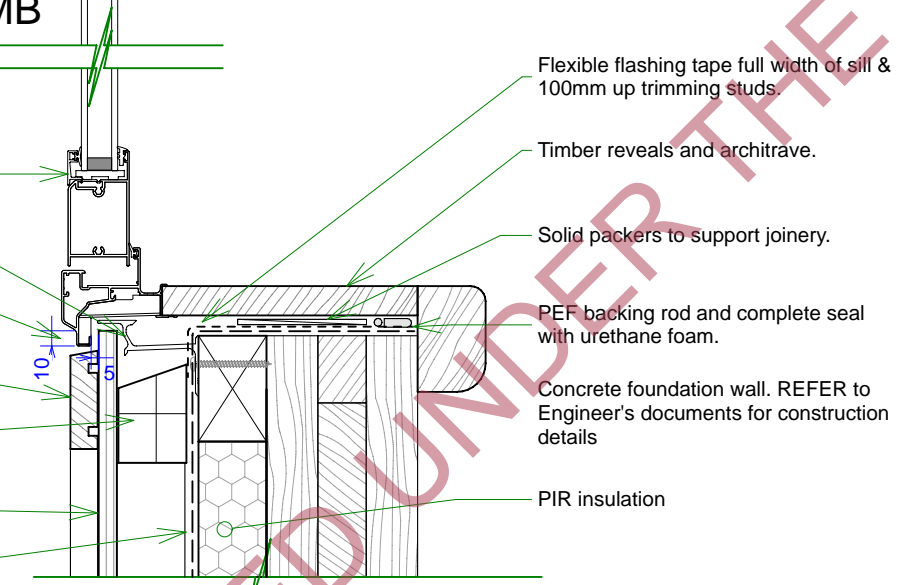
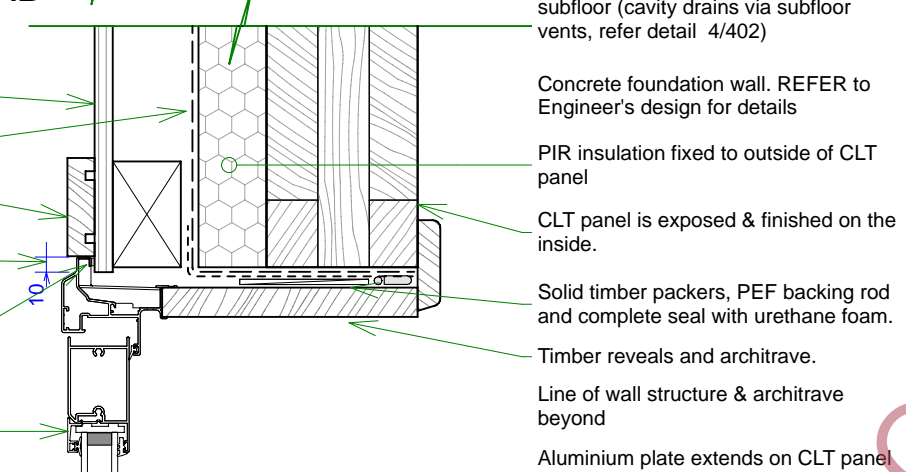
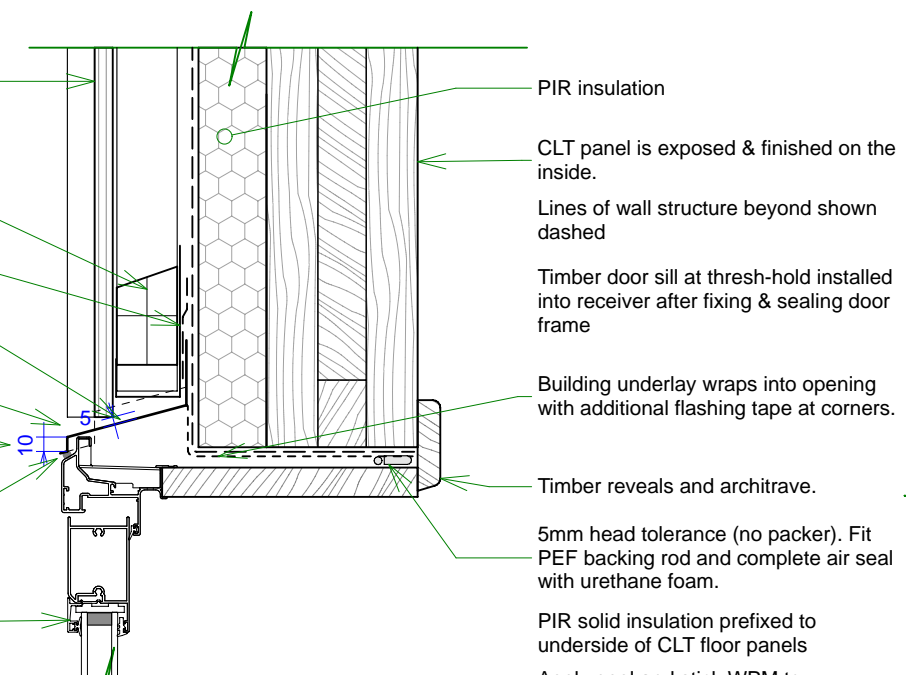
Building underlay on PIR insulation

3 WINDOW SILL

Plywood on 45 cavity

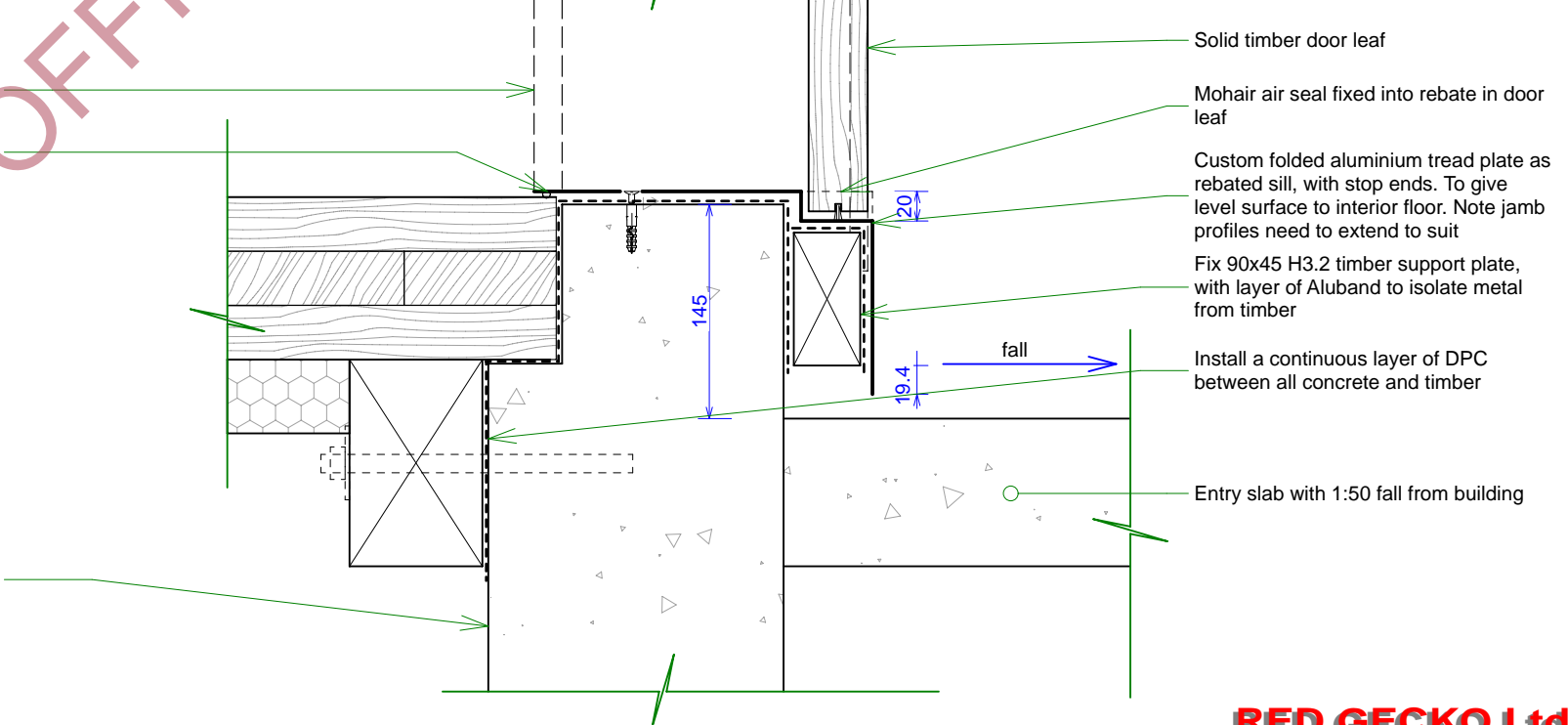
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4 SLIDING DOOR SILL

At deck



5 SWING DOOR SILL

At Entry



<p>Aspiring Hut Renovation</p> <p>Drawn: B.A.D. Checked: Kat West</p>	<p>Details 1:5</p> <p>Issued: 11 JULY 2022 Status: BUILDING CONSENT Revised</p>	<p>Scale: 1:5 @ A3</p>	<p>404</p> <p>21 of 24</p>
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Existing stacked schist walls. REFER to Engineer's design

Blocking as required to maintain minimum 20mm cavity. Refer to Engineer's details

Minimum 20mm cavity to stone wall

PIR insulation with WPM on outside face

CLT wall panels. REFER to Engineer's details.

Scribe and back-cut batten & seal with a continuous bead of MS sealant

DYNAFLASH 100mm PVC back flashing is scribed & sealed into cut in stone wall with MS sealant

SHADOWCLAD® cover battens are screw fixed to allow fixing between battens. Battens @ 200 crs to resemble original B&B cladding

Shadowclad® plywood cladding & battens, on 45mm cavity battens

Building underlay on PIR insulation behind plywood cladding, laps with WPM on PIR behind stone wall

CLT panel is exposed & finished on the interior face

1 STONE - PLYWOOD WALL JUNCTION

In-plane

Shadowclad® plywood cladding & battens, on 45mm cavity battens

Building underlay, on 7mm plywood rigid backing, on timber framed wall

Castellated draining base batten with draining cavity closer. REFER to Shadowclad detail SC042

Place a continuous layer of DPC between all timber and stone or concrete. REFER to Engineer's design for construction details & fixings

Existing schist walls. REFER to Engineer's documents

PFC bond beam. REFER to Engineer's design for details and fixings

Solid timber packers on stone wall and on CLT to maintain cavity. REFER to Engineer's details

CLT panel is exposed & finished on the interior face

Minimum 20mm cavity to stone wall

PIR insulation with WPM on outside face

2 PLYWOOD -STONE WALL JUNCTION

In-plane above



Aspiring Hut
Renovation

Details 1:5

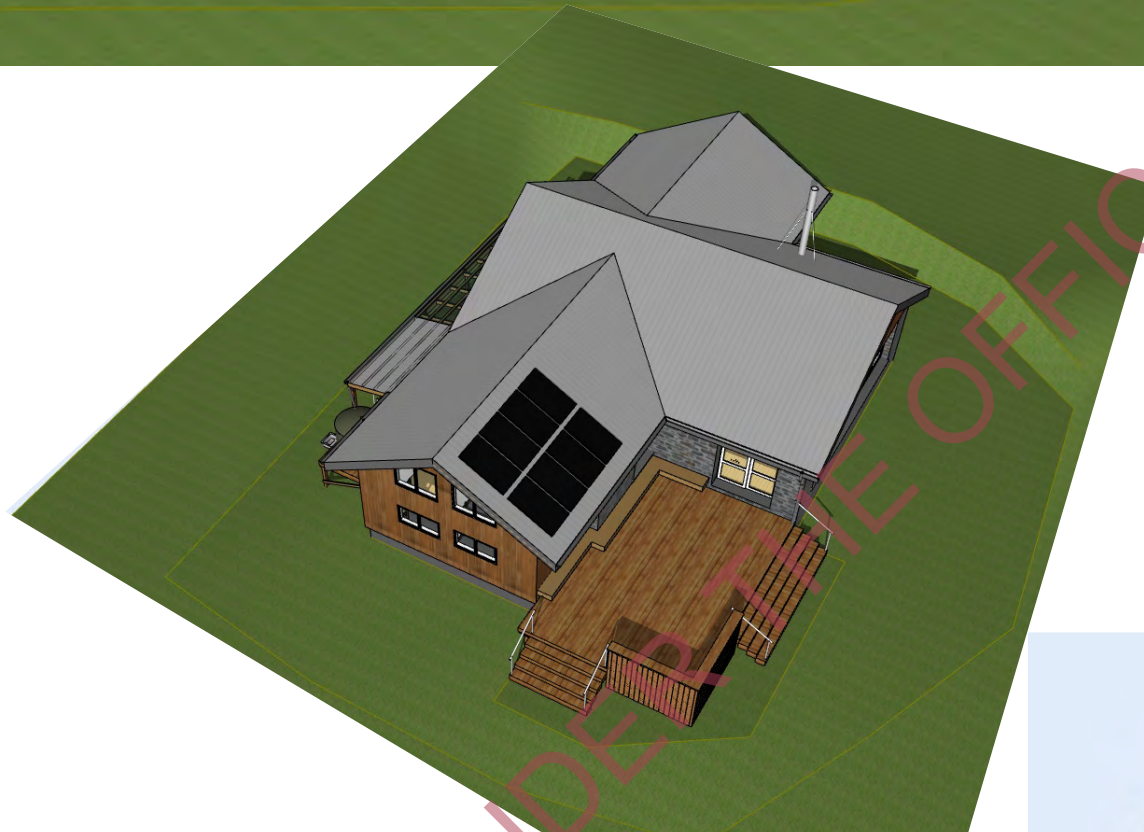
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Checked: Kat West

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Status: BUILDING CONSENT Revised

Scale: 1:5 @ A3

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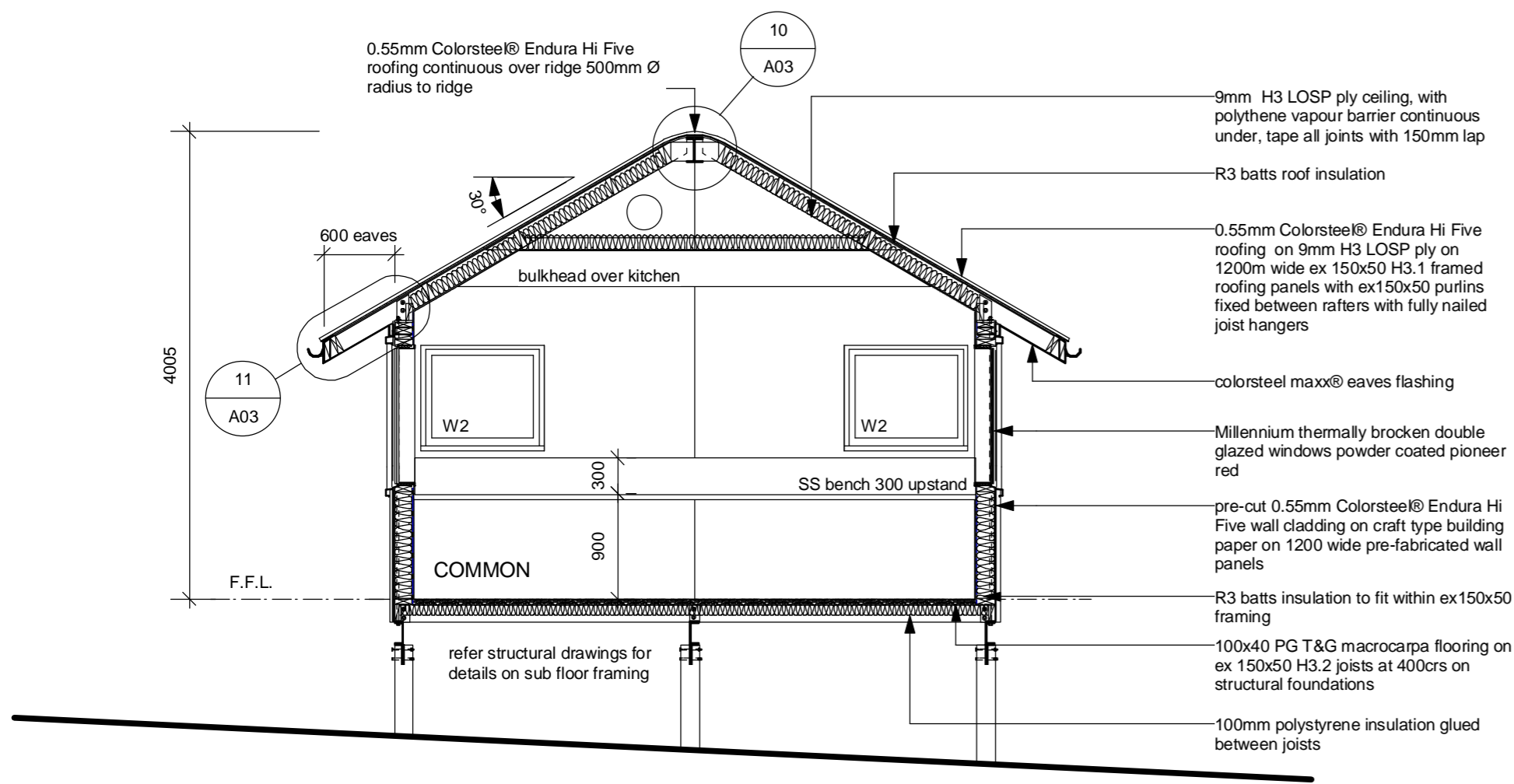


Perspectives at various scales. For visualisation only.

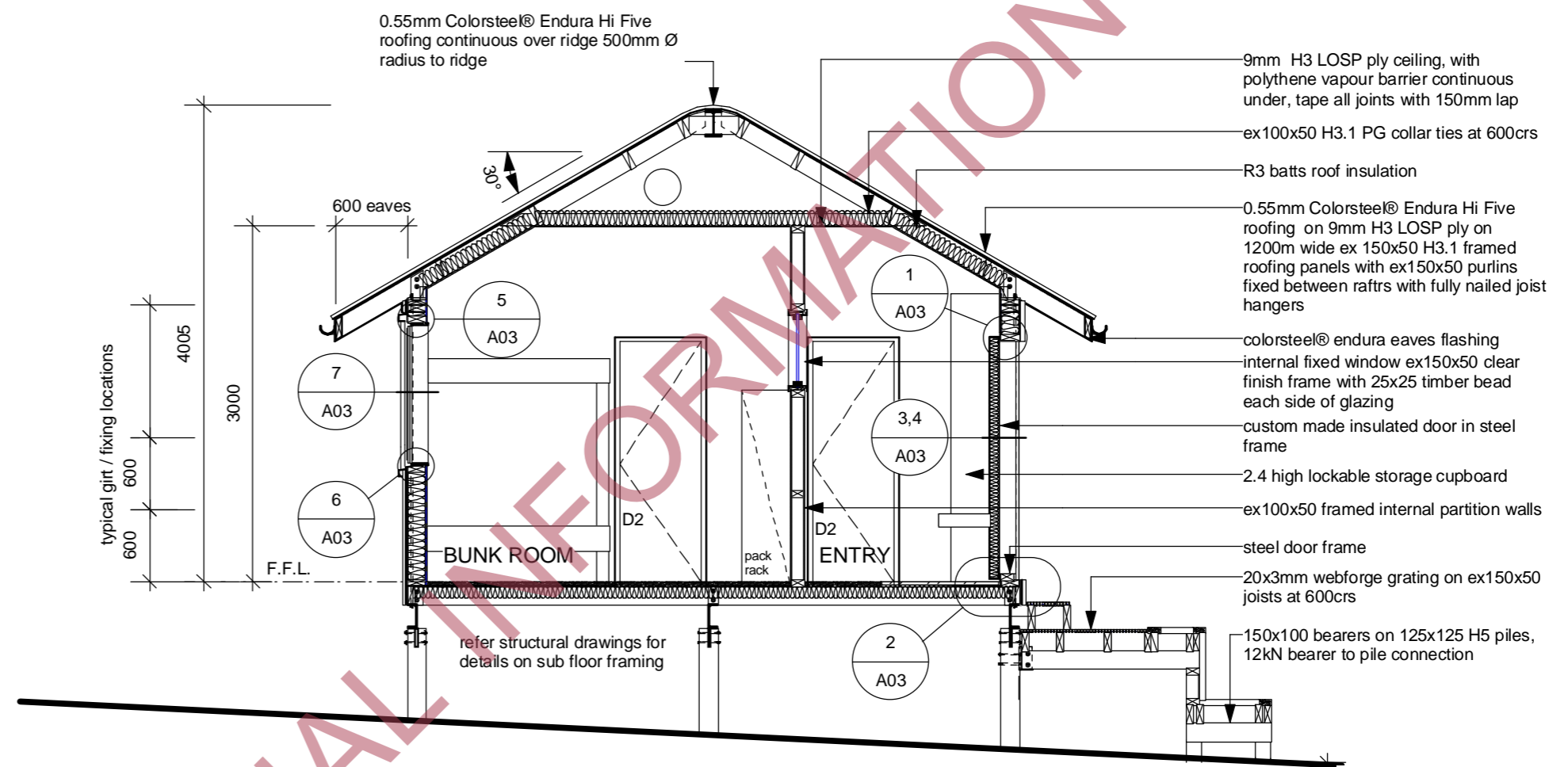


First Floor,
3 Cliff Wilson St,
WANAKA
03 443 2567

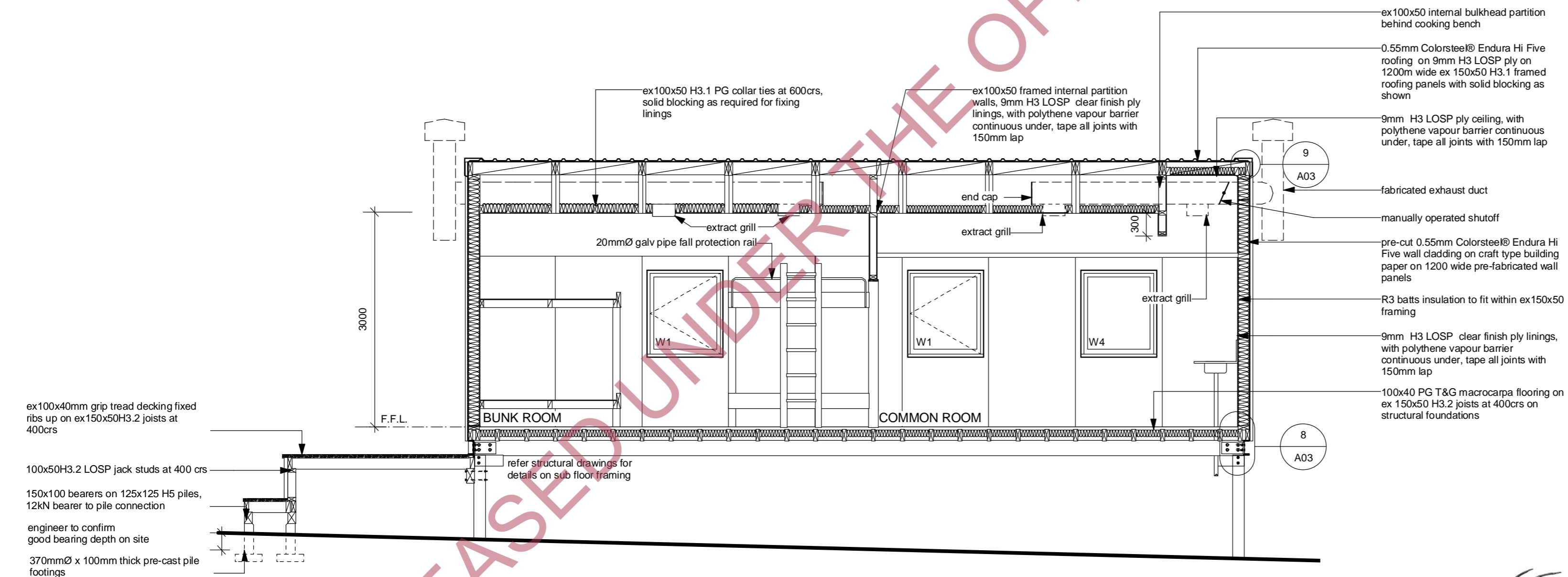
Aspiring Hut Renovation	Perspectives	Scale:	501
Drawn: B.A.D. Checked: Kat West	Issued: 11 JULY 2022 Status: BUILDING CONSENT Revised		23 of 24



1 CROSS SECTION A-A
A01 Scale: 1:50



2 CROSS SECTION B-B
A01 Scale: 1:50



3 LONG SECTION C-C
A01 Scale: 1:50

LINING AND JOINERY PAINTING

All linings and fixings shall be painted off site with Mirotone Mirthane two pack polyurethane clear coating system. To be applied in strict accordance with the manufacturers data sheet 5555.

SYSTEM REQUIREMENTS

1 sealing coat and 2 top coats.

THIS PRODUCT IS POISONOUS AND STRICT SAFETY PRECAUTIONS MUST BE TAKEN DURING OFFSITE SPRAY APPLICATION.

on sit touch up is allowed by brush application, taking strict precaution to avoid contact with the product.

FIXING FOR CLADDING

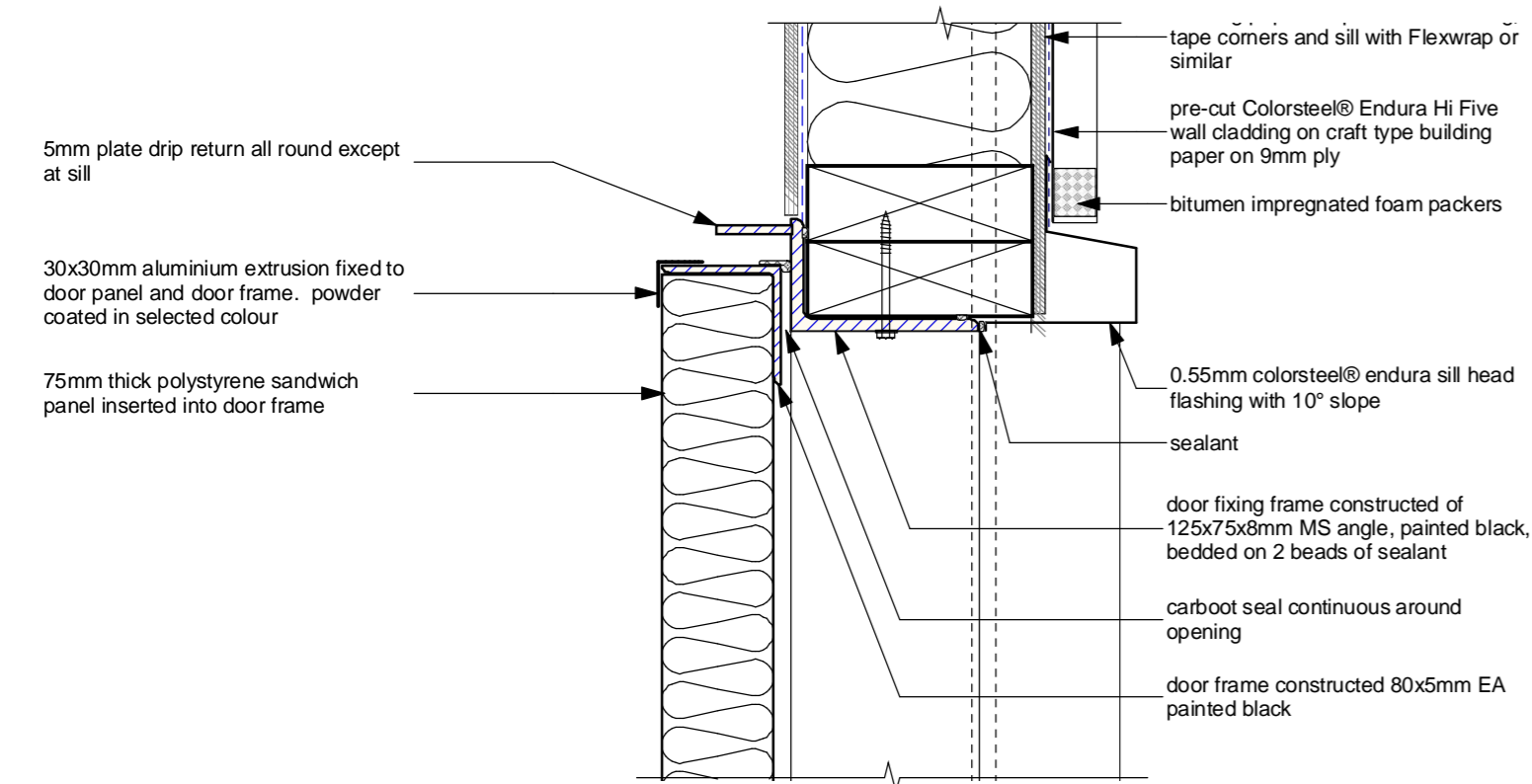
Cladding to be fixed at every rib along fixing lines. Cladding fixings to have large proprietary washers at all rib fixings. Cladding fixings to be 65mm 'timber - tite' screws

SCALE AT A2
DO NOT SCALE OFF THESE DRAWINGS

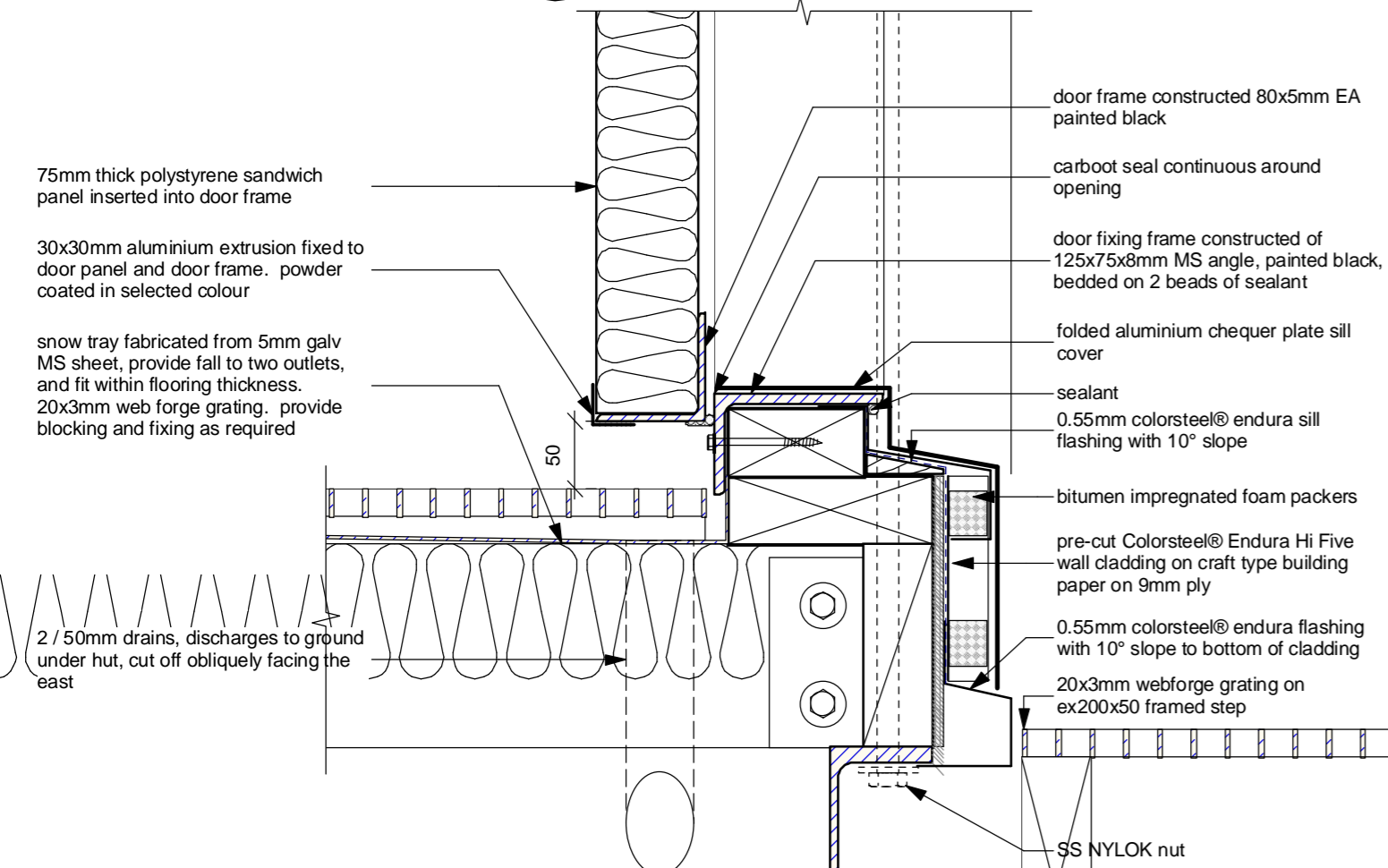
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CHKD		REVISION	



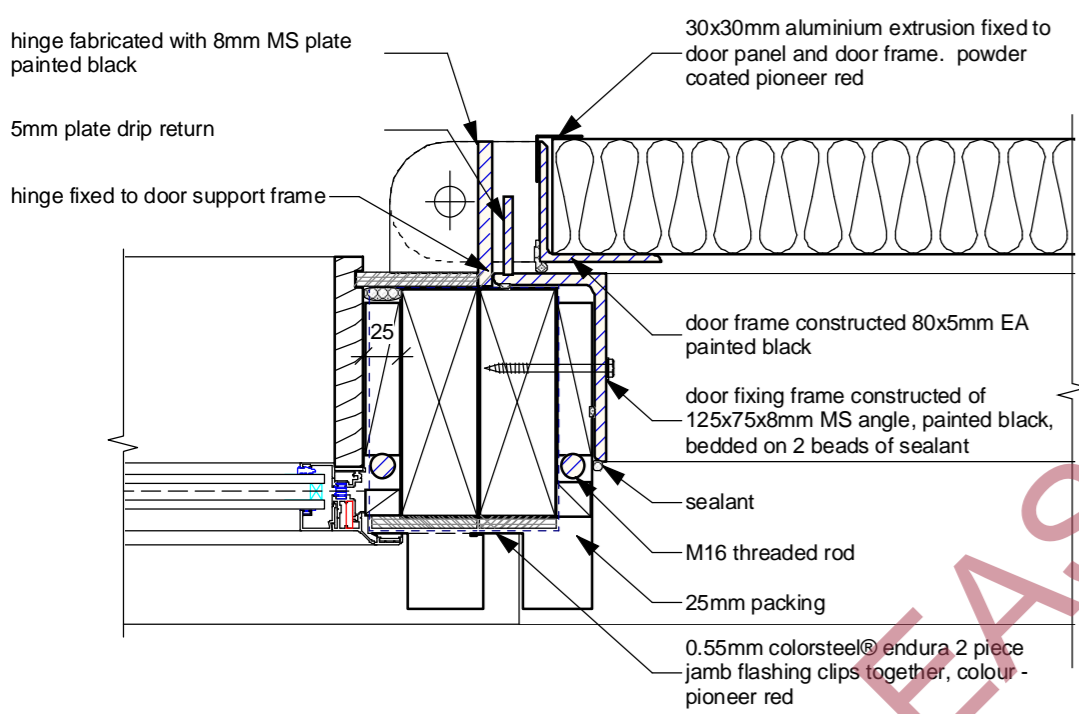
post@28 Marion Street offices: Ground Floor
Macandrew Bay 30 London Street info@urbandesigns.co.nz DUNEDIN



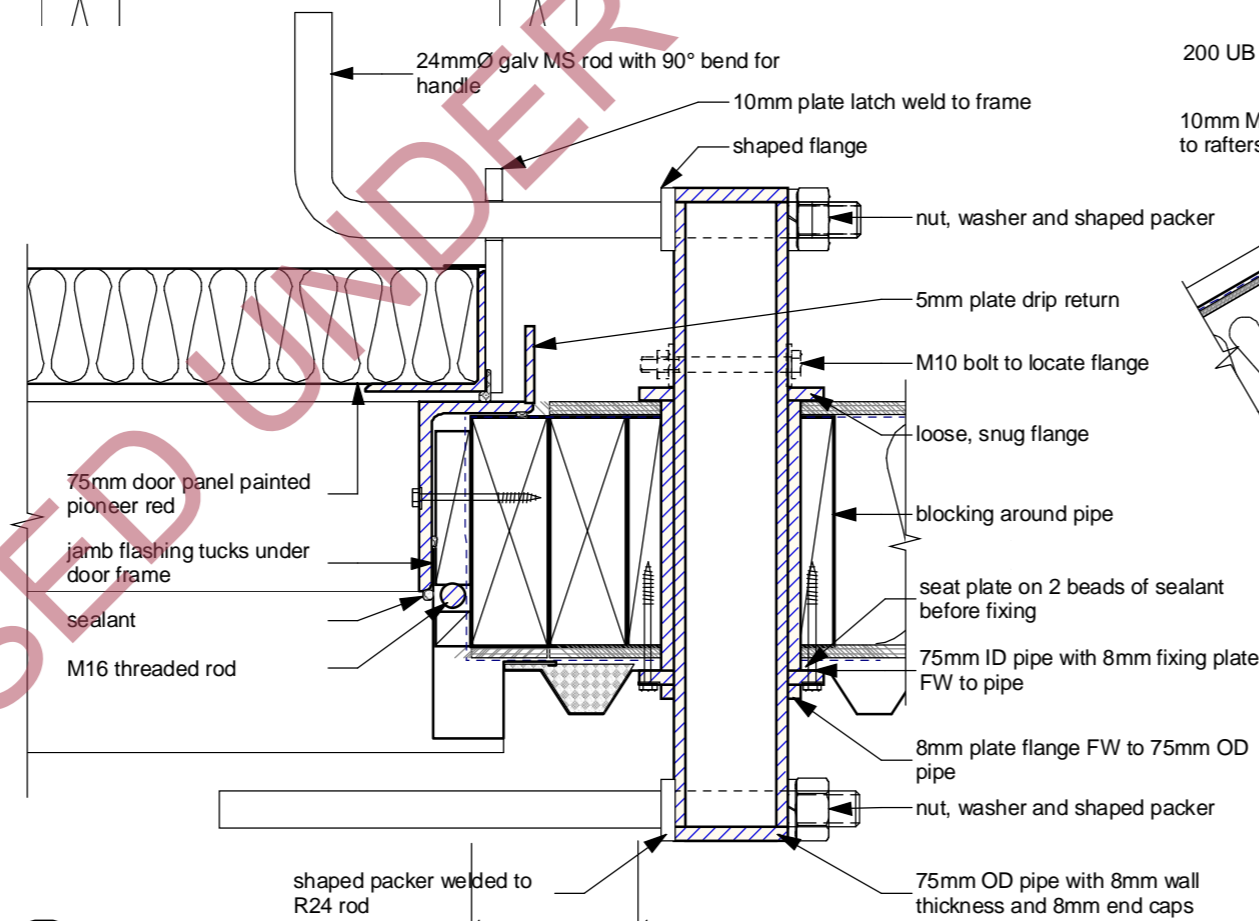
1 DOOR HEAD
A02 Scale: 1:5



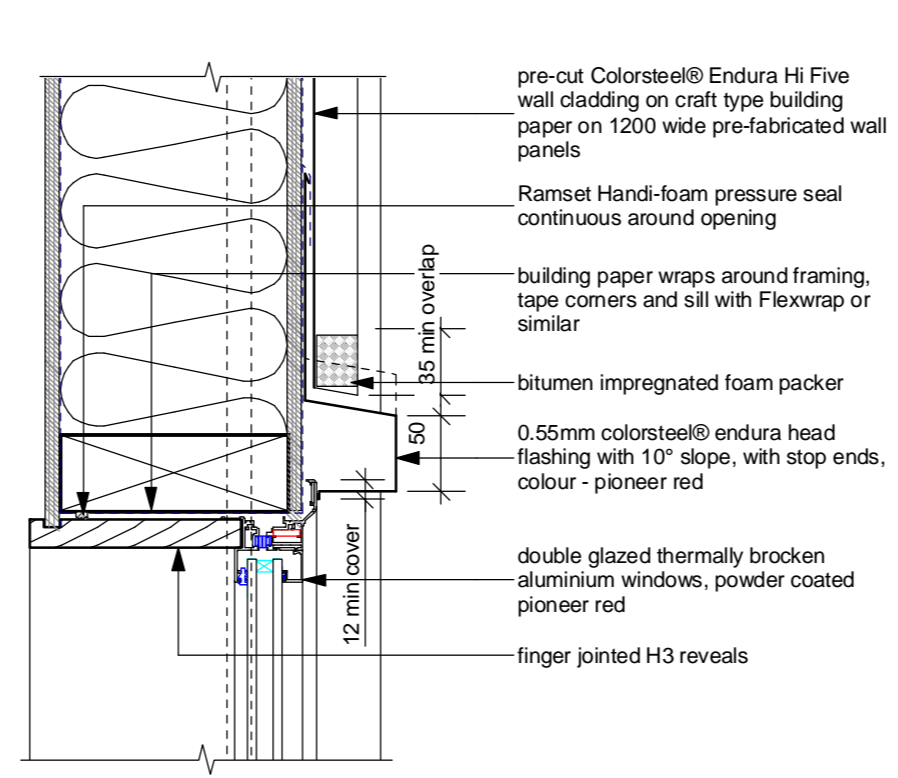
2 DOOR THRESHOLD
A02 Scale: 1:5



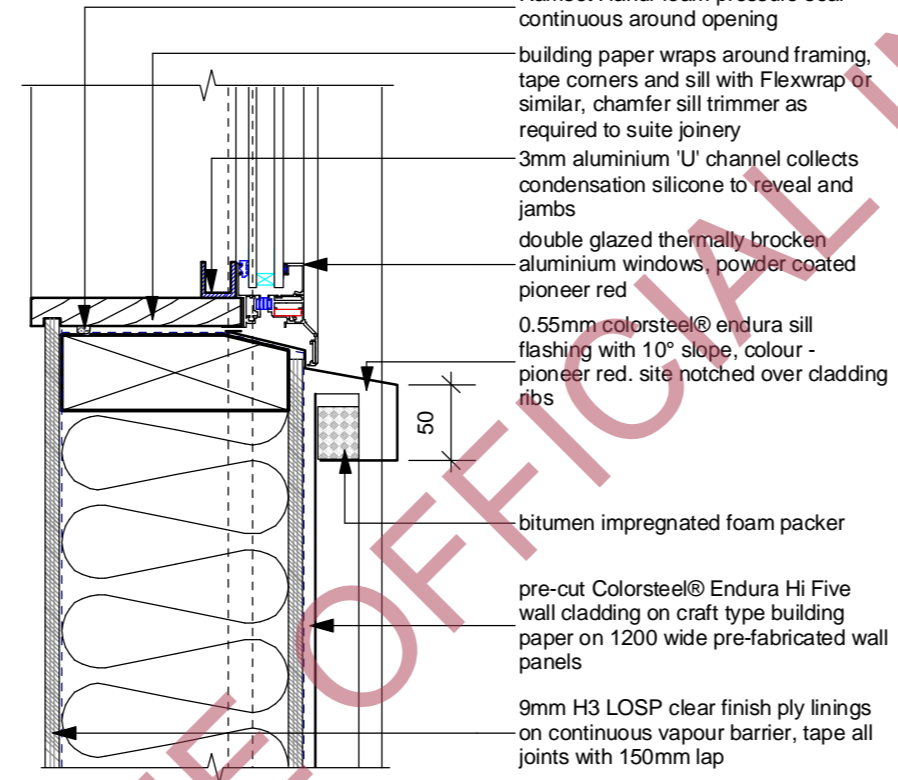
3 DOOR JAMB AT HINGE
A02 Scale: 1:5



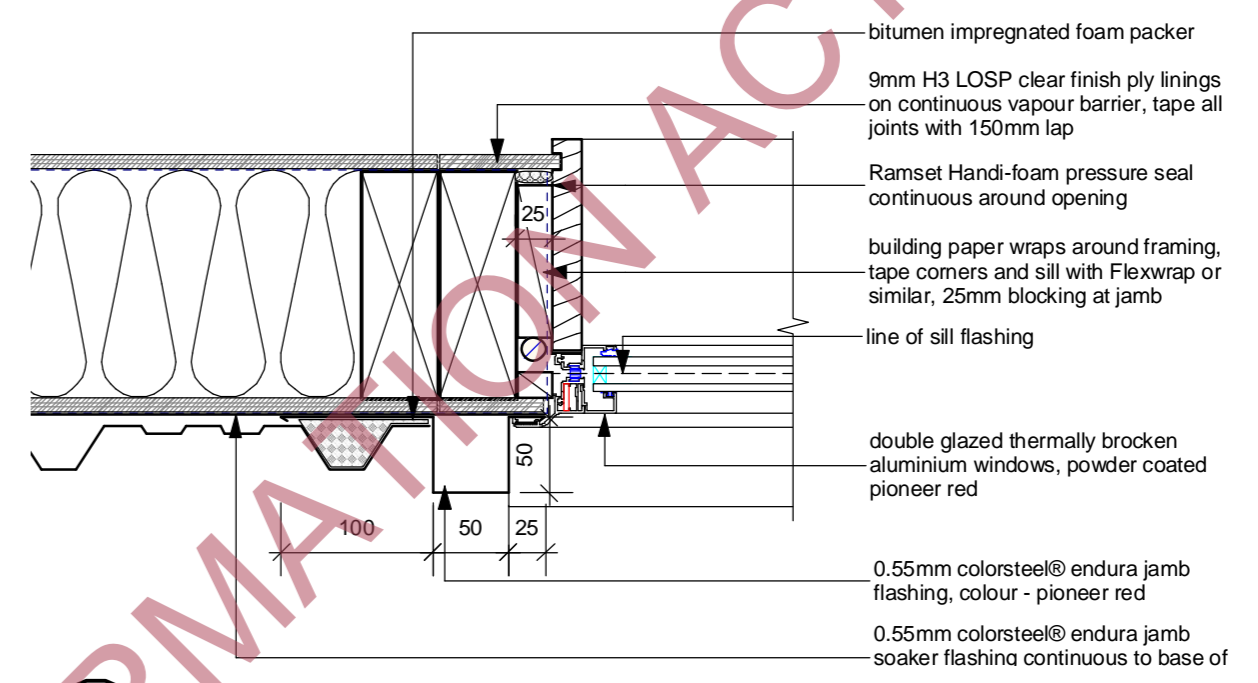
4 DOOR JAMB AT HANDLE
A02 Scale: 1:5



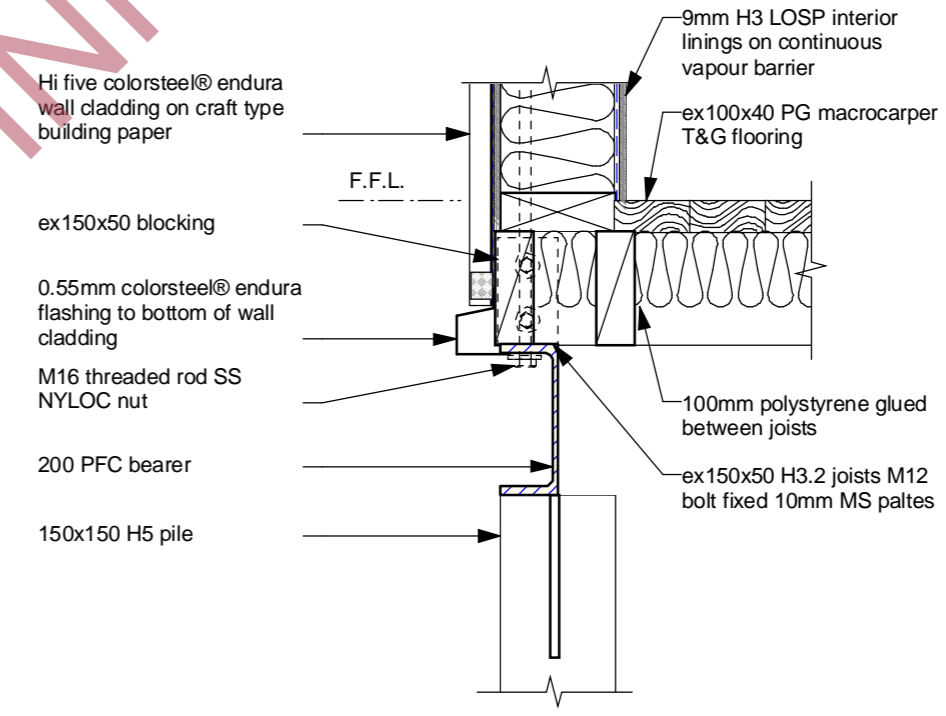
5 TYPICAL WINDOW HEAD
A02 Scale: 1:5



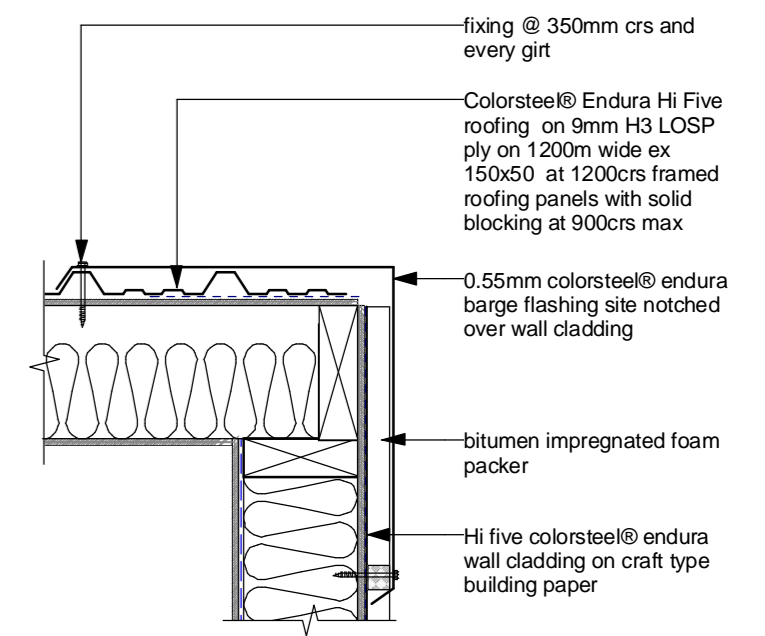
6 TYPICAL WINDOW SILL
A02 Scale: 1:5



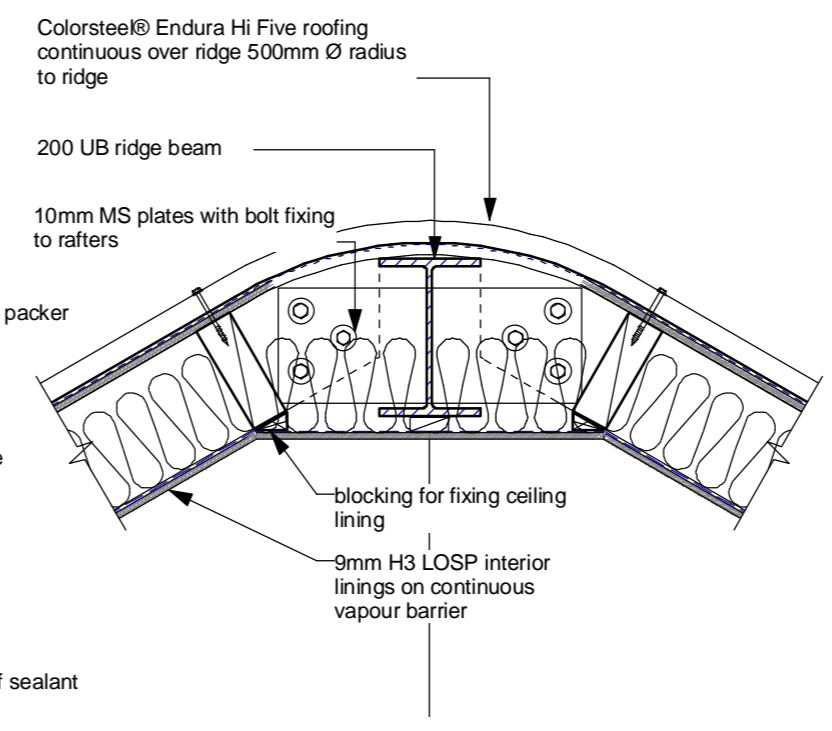
7 TYPICAL WINDOW JAMB
A02 Scale: 1:5



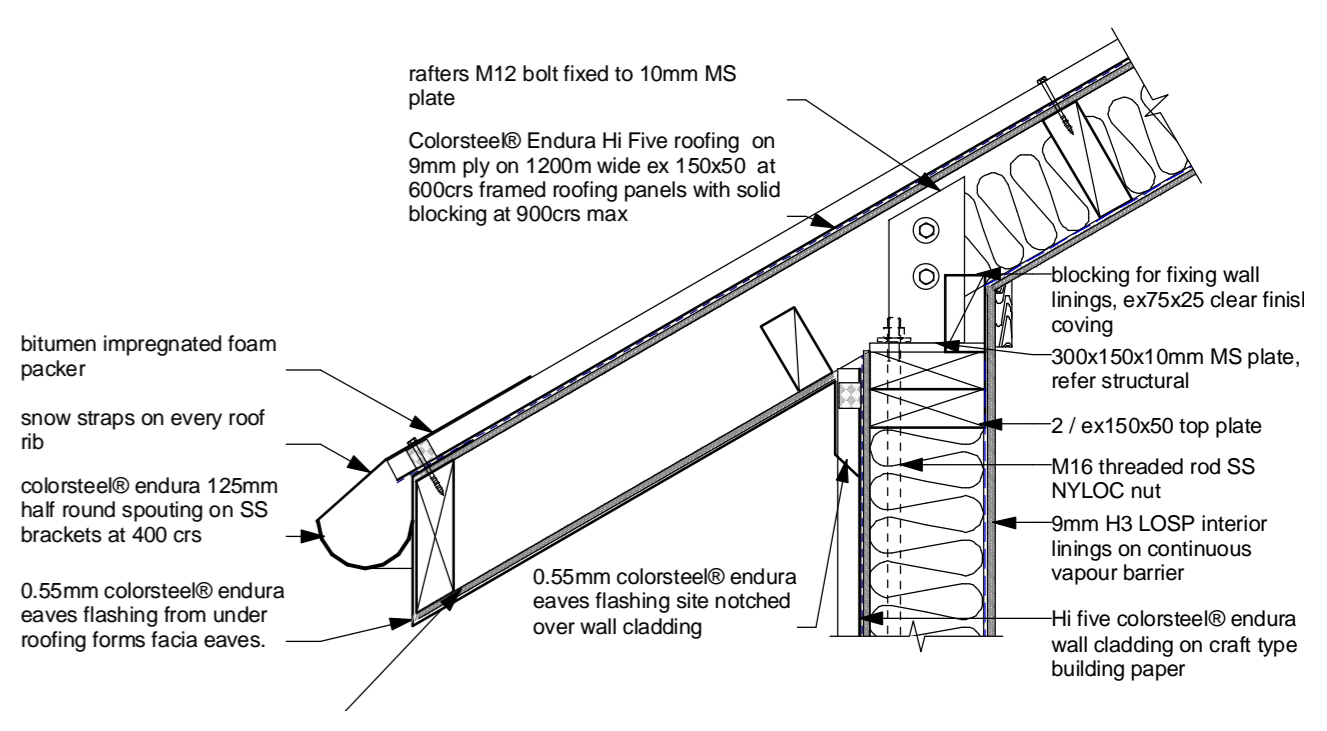
8 WALL FLOOR JUNCTION
A02 Scale: 1:10



9 BARGE DETAIL
A02 Scale: 1:10



10 RIDGE DETAIL
A02 Scale: 1:10



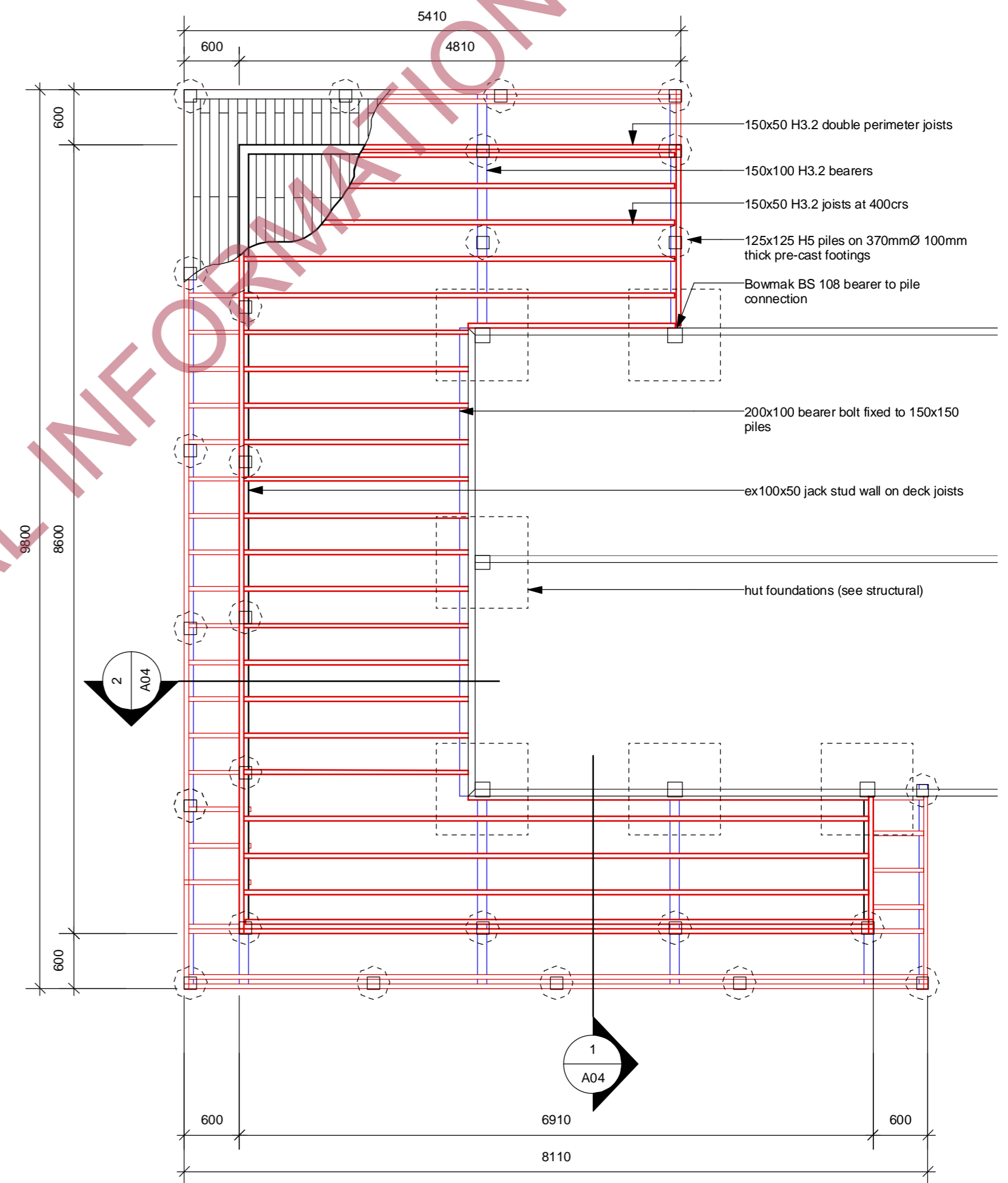
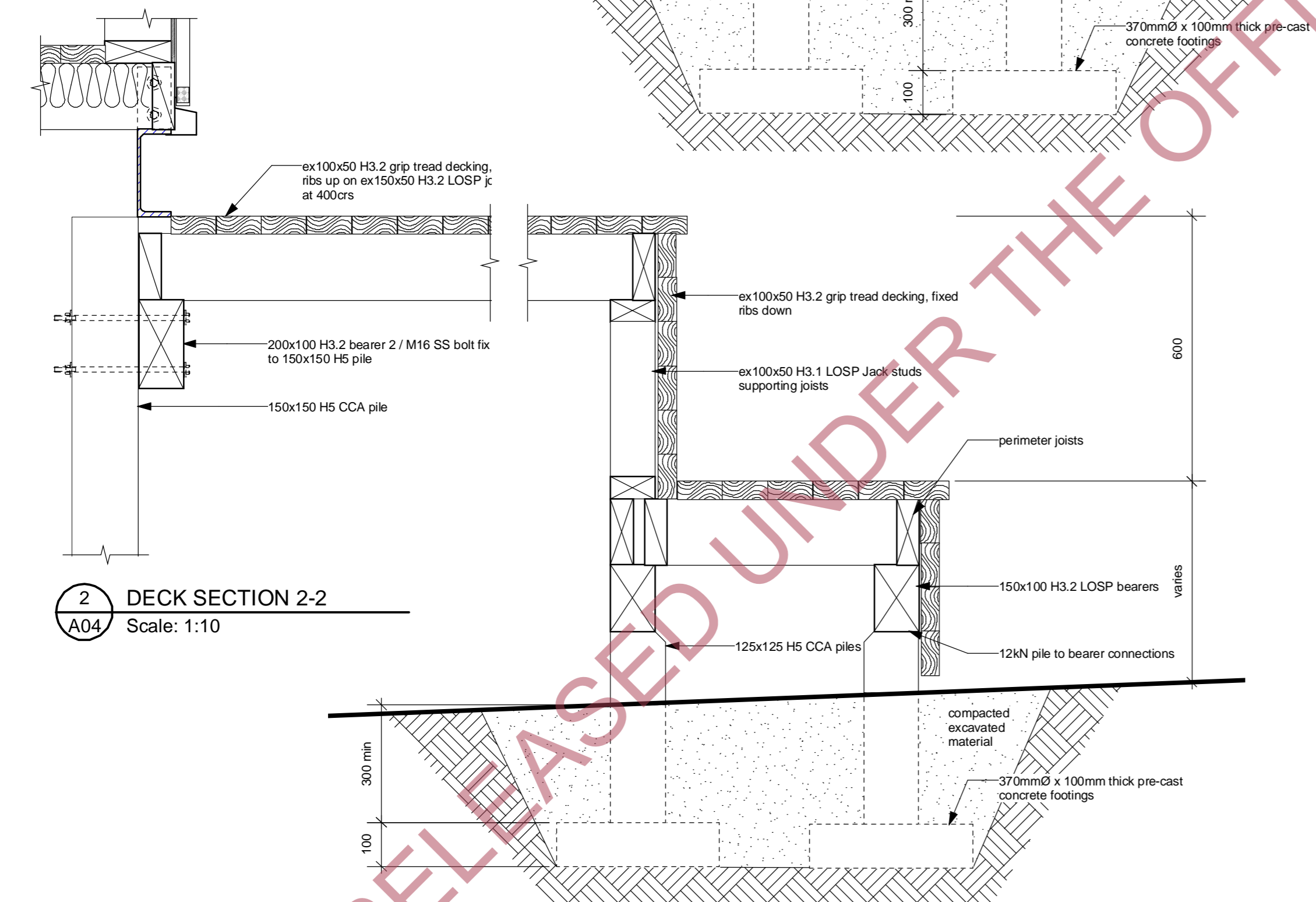
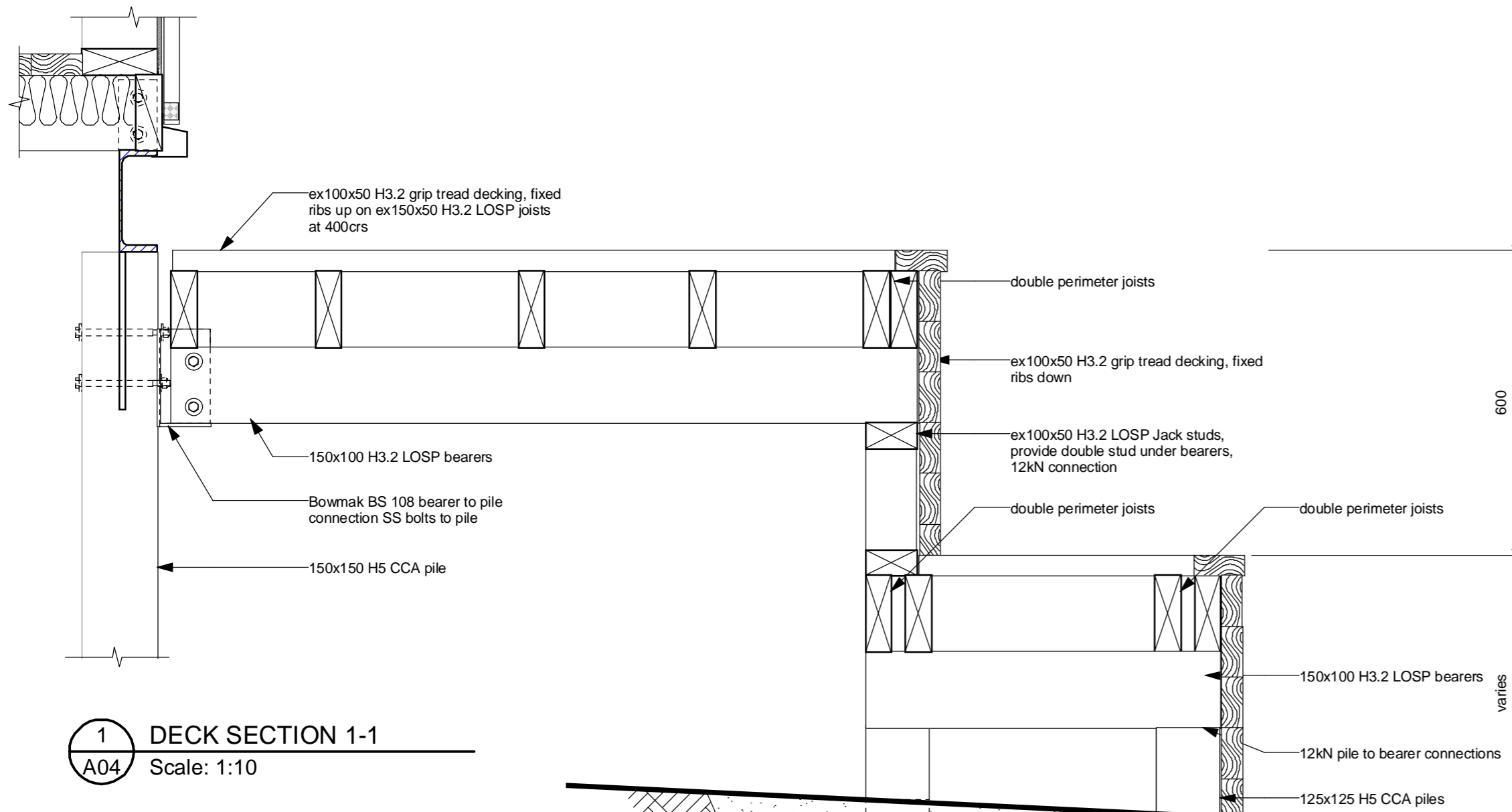
11 EAVES DETAIL
A02 Scale: 1:10

SCALE AT A2
DO NOT SCALE OFF THESE DRAWINGS

ISSUE	DATE	REVISION	PROJECT #
PROJECT			5103
CLIENT			A03
DWG			

DATE #	SCALE	DWG #
07.04.2006	as shown	
DRAWN		
CHKD		



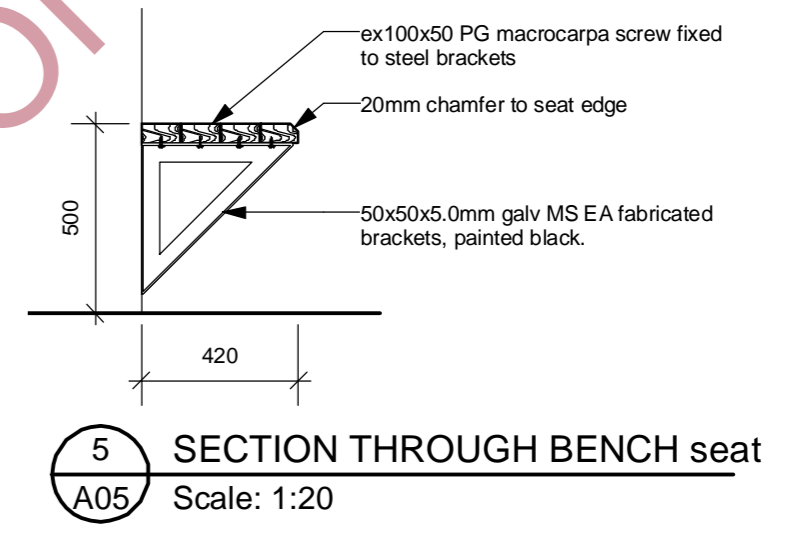
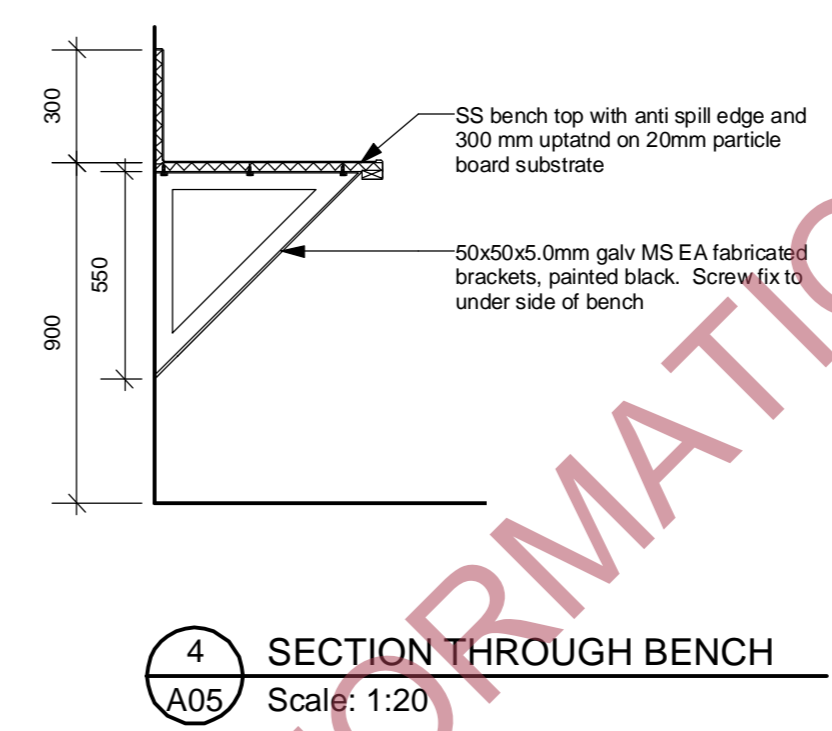
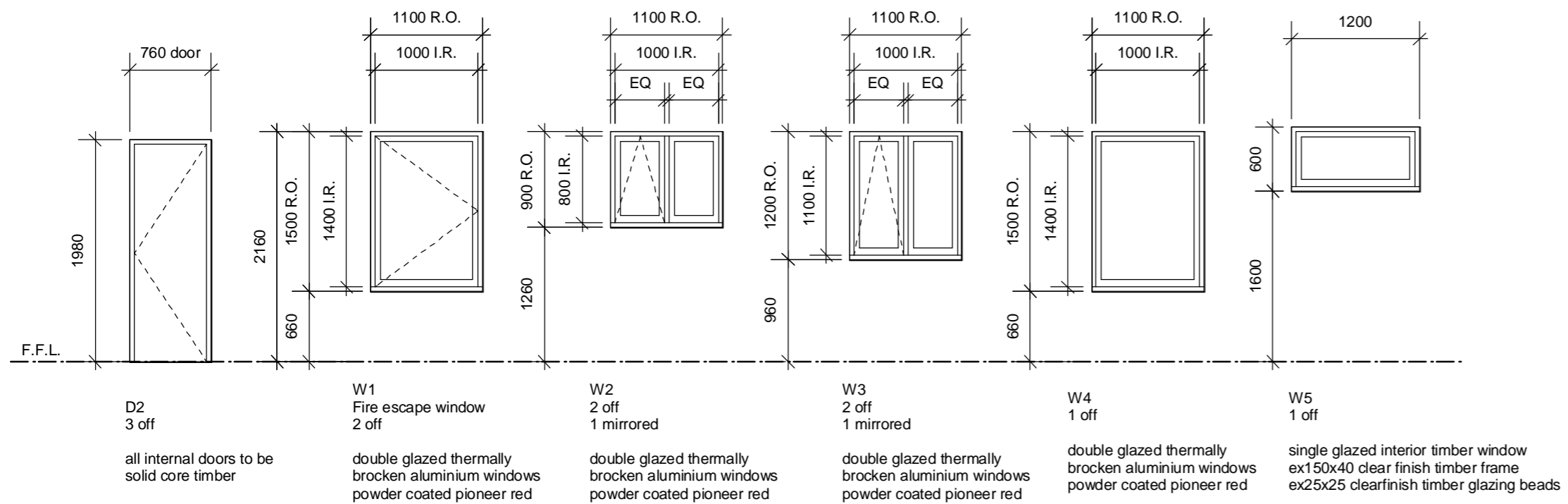


SCALE AT A2
DO NOT SCALE OFF THESE DRAWINGS

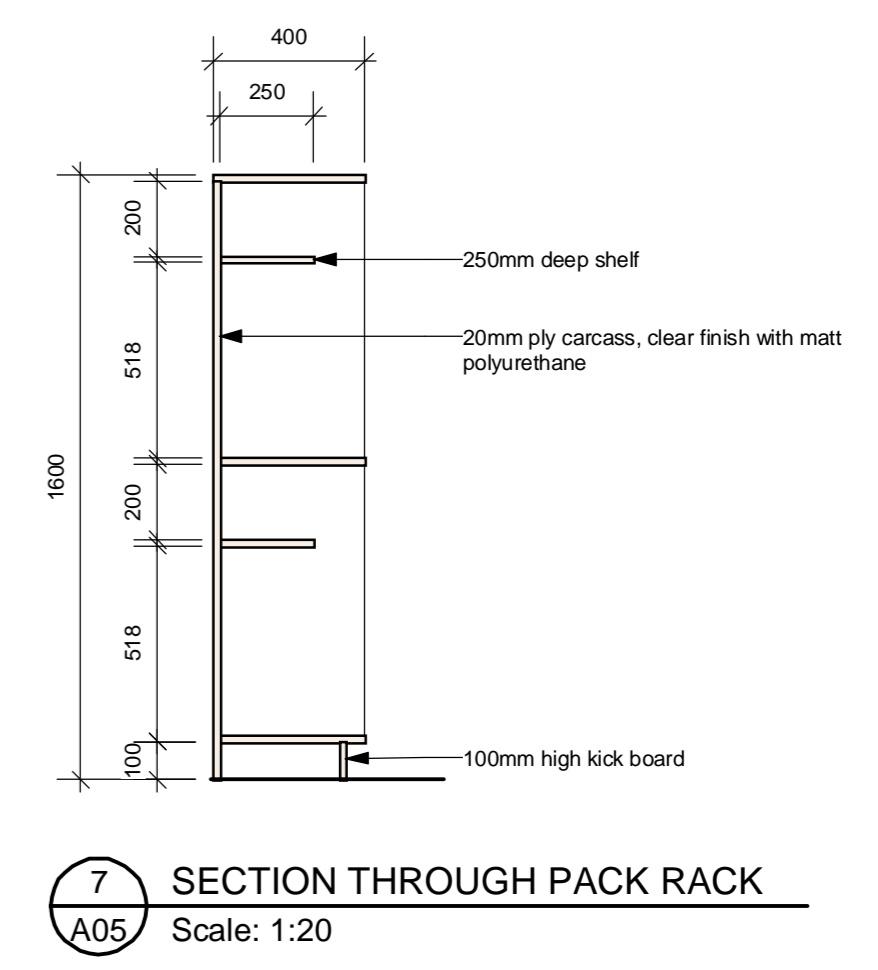
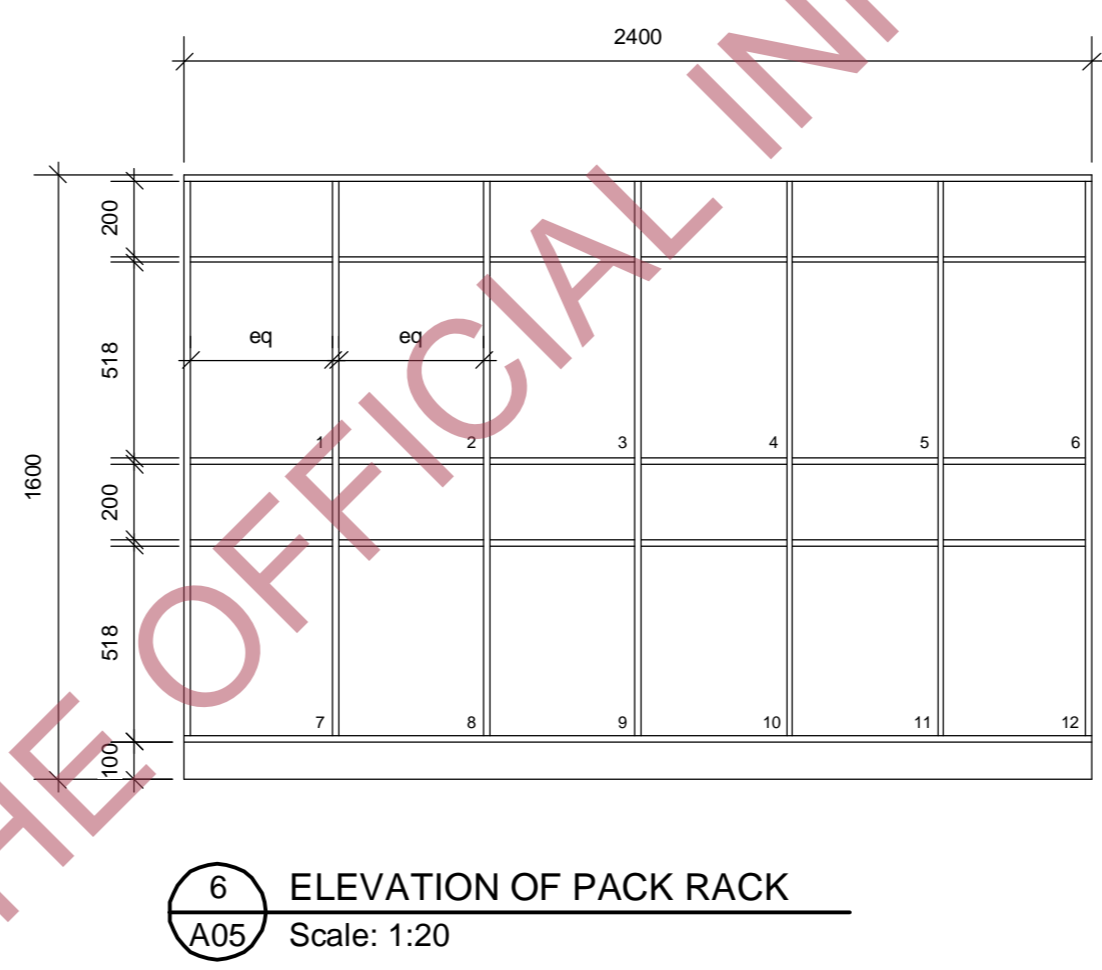
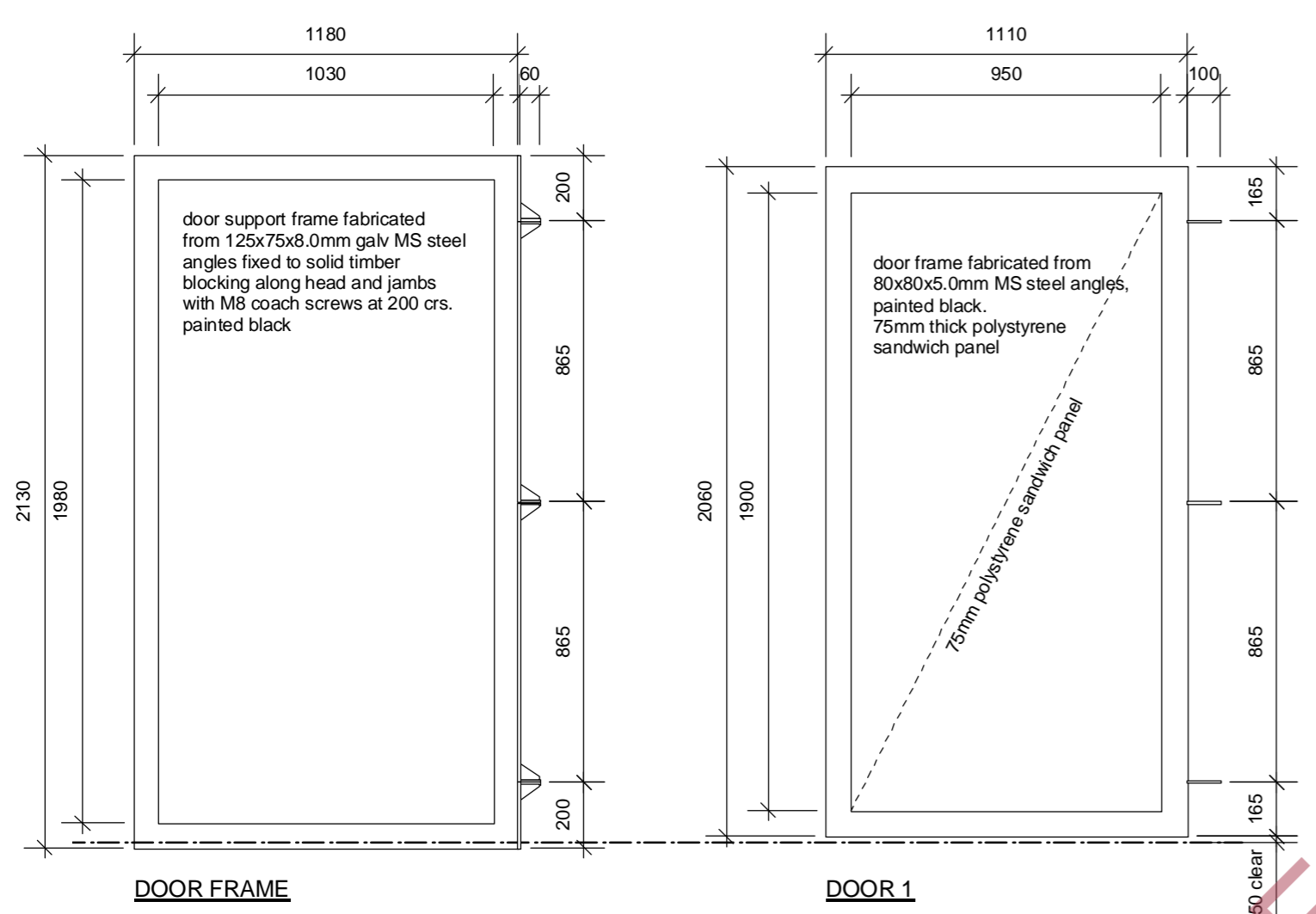
ISSUE	DATE	REVISION	PROJECT #
PROJECT			5103
CLIENT			DEPARTMENT OF CONSERVATION
DWG			FOUNDATIONS PLANS
DATE #	07.04.2006	DWG #	A04
SCALE	as shown		
DRAWN	JK		
CHKD	d	REVISION	



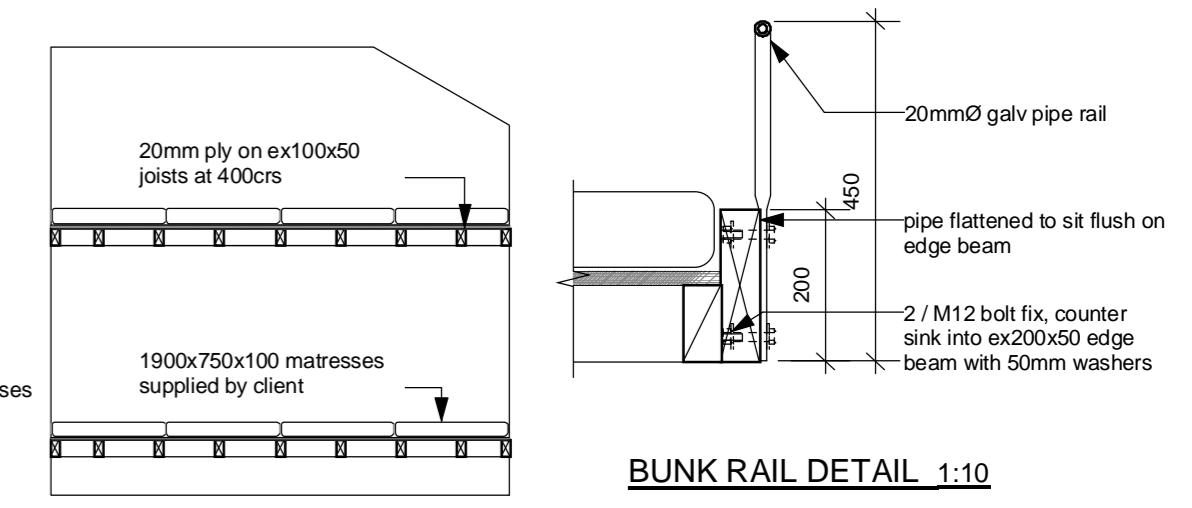
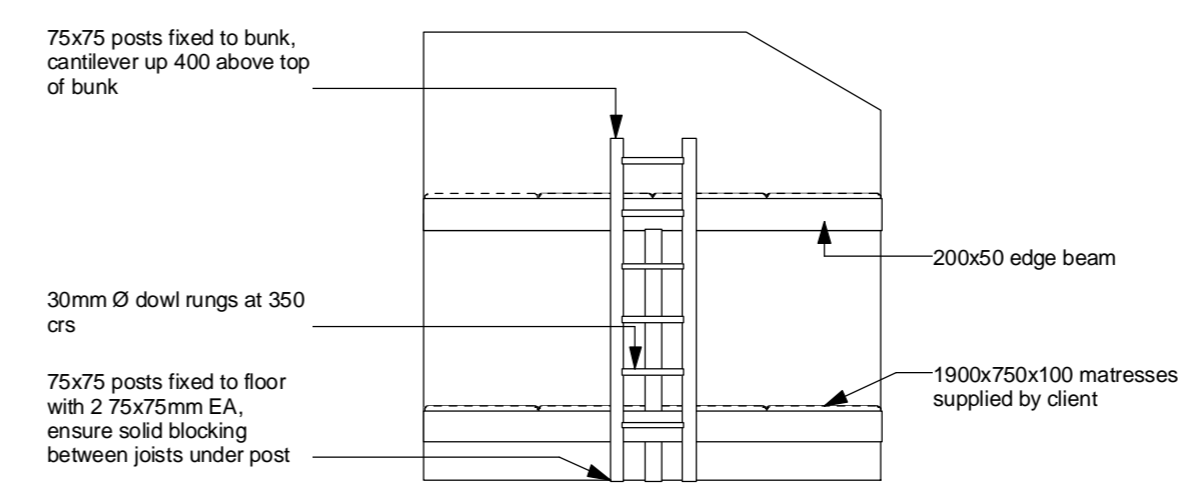
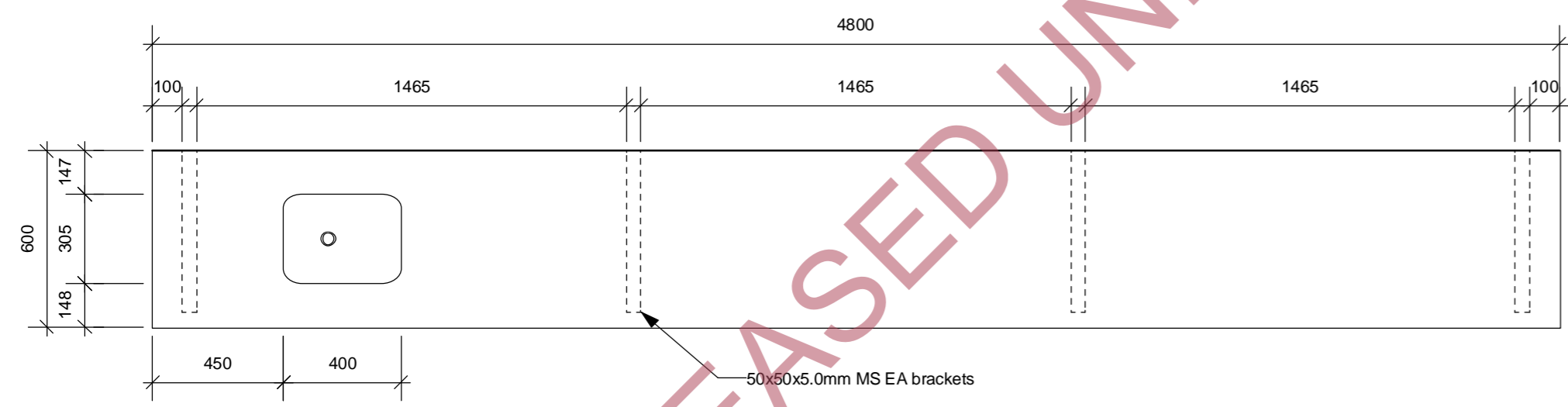
postal: 28 Marion Street offices: Ground Floor 03-477-0462 x3 fax: 03-474-1329 0274-765-205
Macandrew Bay 30 London Street info@urbandesigns.co.nz DUNEDIN



1 WINDOW AND DOOR SCHEDULE
A05 Scale: 1:50



2 ENTRY DOOR AND FRAME ELEVATION
A05 Scale: 1:20

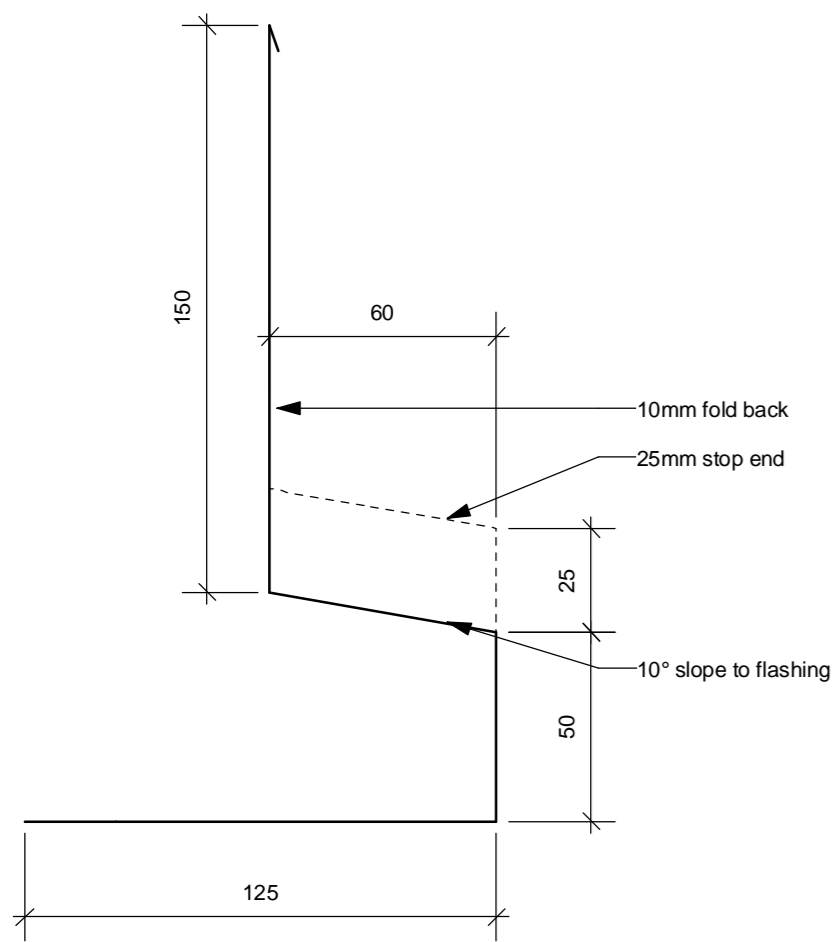


NOTE: 2 ladders total one to each bunk

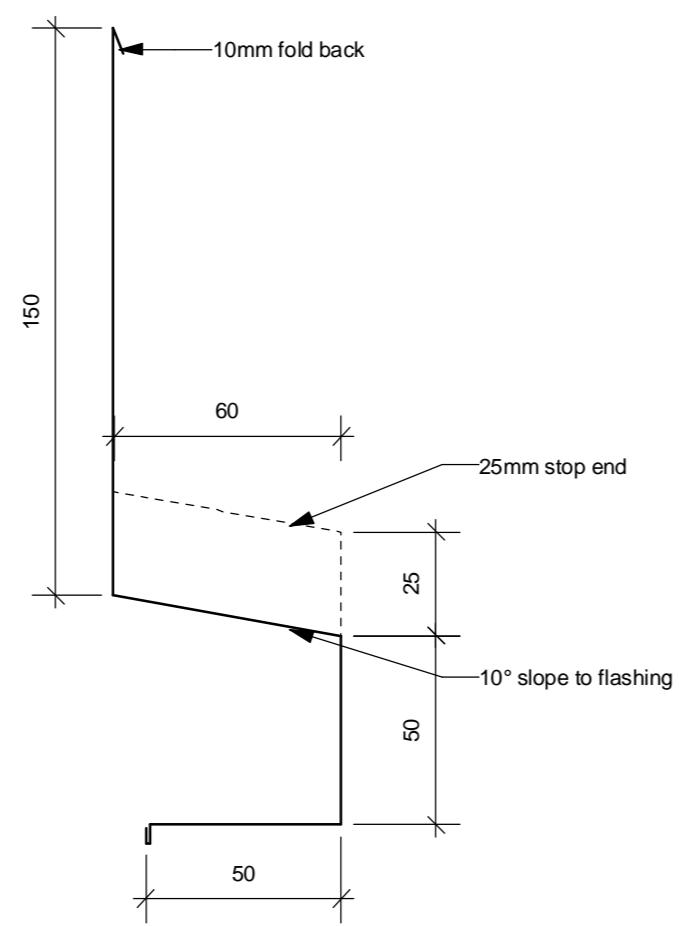
SCALE AT A2
DO NOT SCALE OFF THESE DRAWINGS

ISSUE	DATE	REVISION	PROJECT #
PROJECT BREWSTER HUT			5103
CLIENT DEPARTMENT OF CONSERVATION			DATE # 05.04.2006 DWG #
DWG WIN / DOOR SCHEDULE / JOINERY			SCALE as shown A05
CHKD	DATE	REVISION	

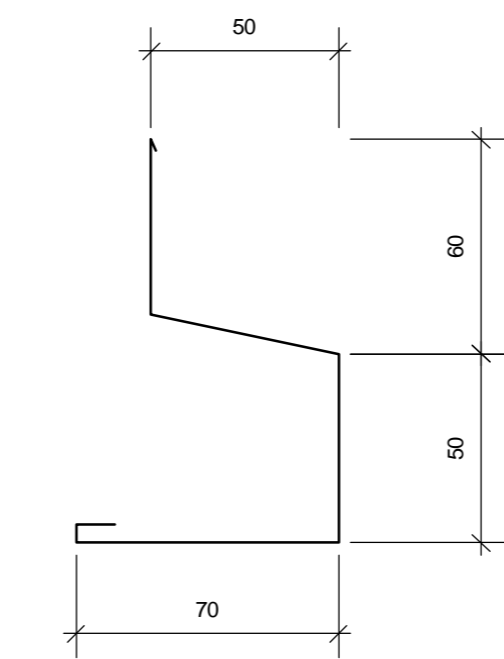




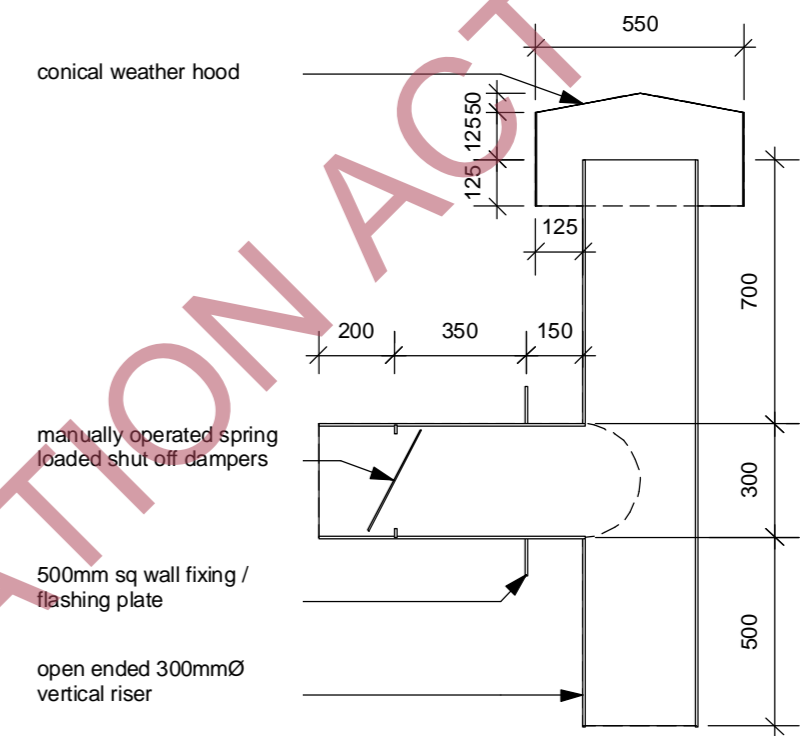
DOOR HEAD FLASHING 1:2



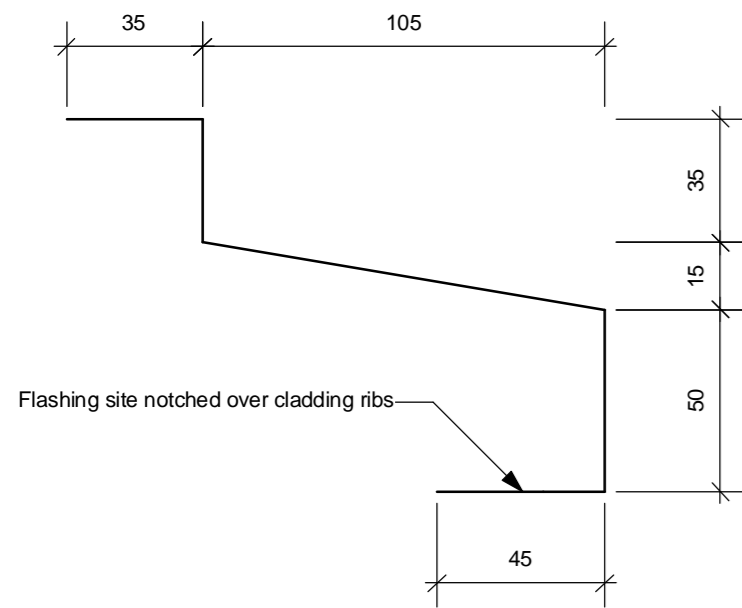
WINDOW HEAD FLASHING 1:2



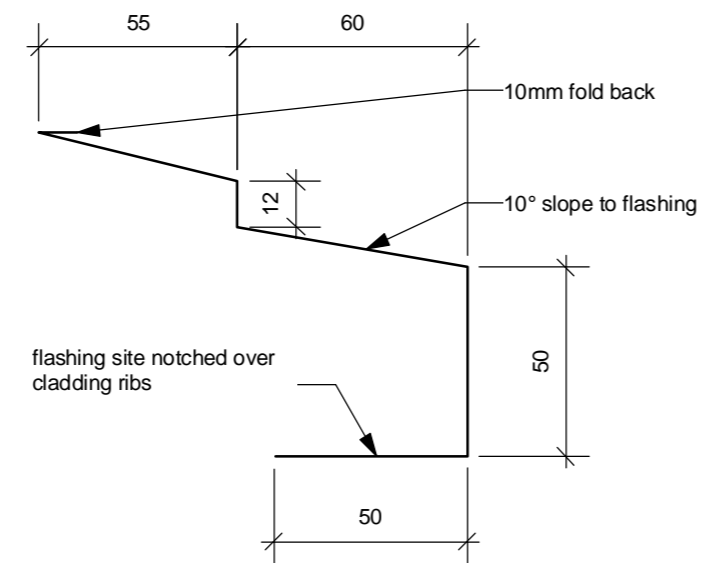
BASE OF CLADDING FLASHING 1:2



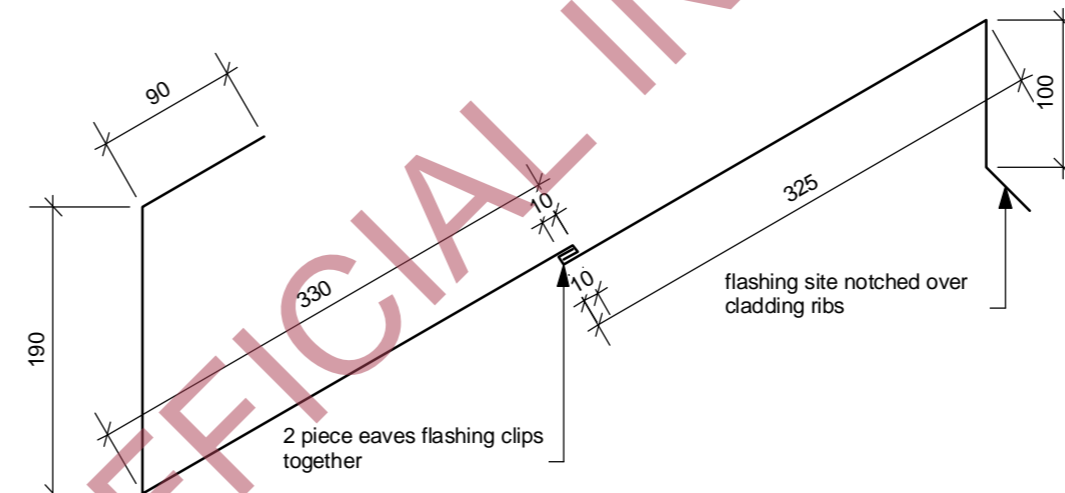
WALL OUTLET COWLS 1:20



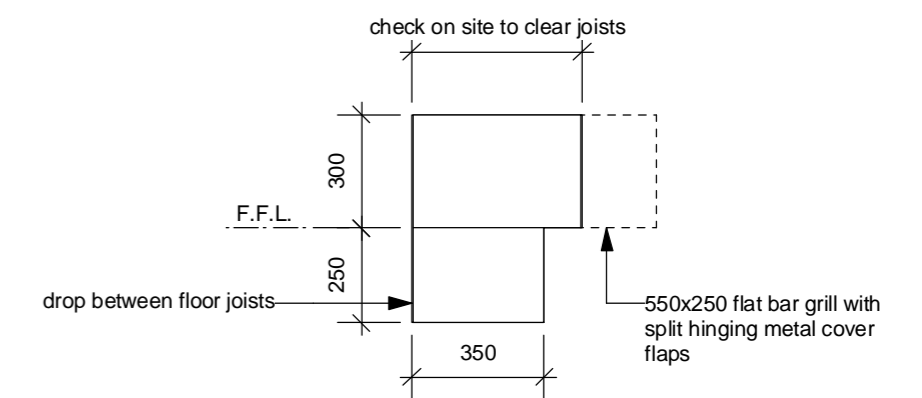
DOOR SILL FLASHING 1:2



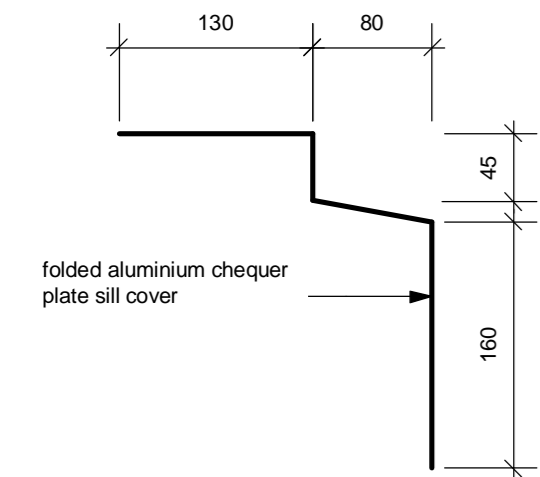
WINDOW SILL FLASHING 1:2



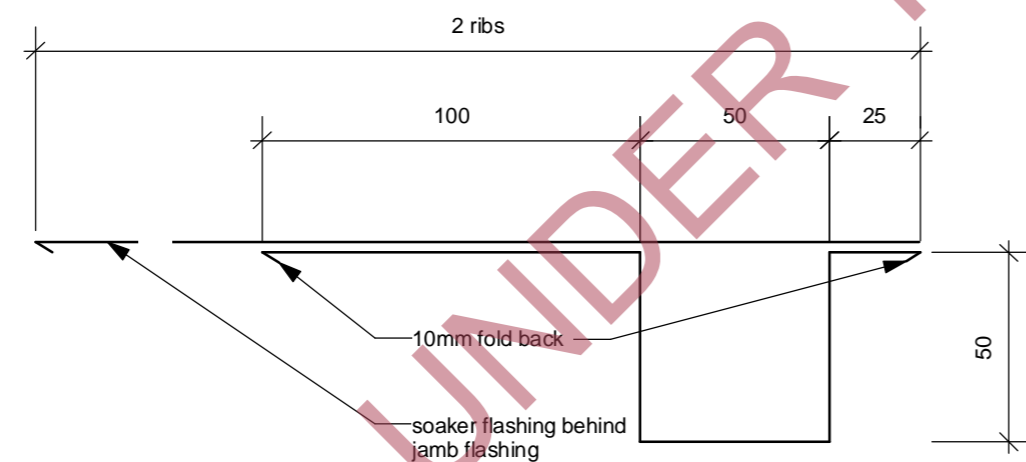
EAVES FLASHING 1:5



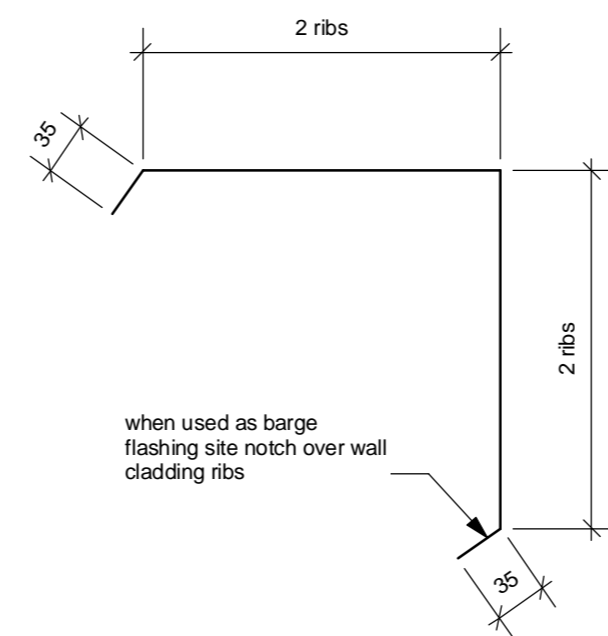
FLOOR INLET BOXES 1:20



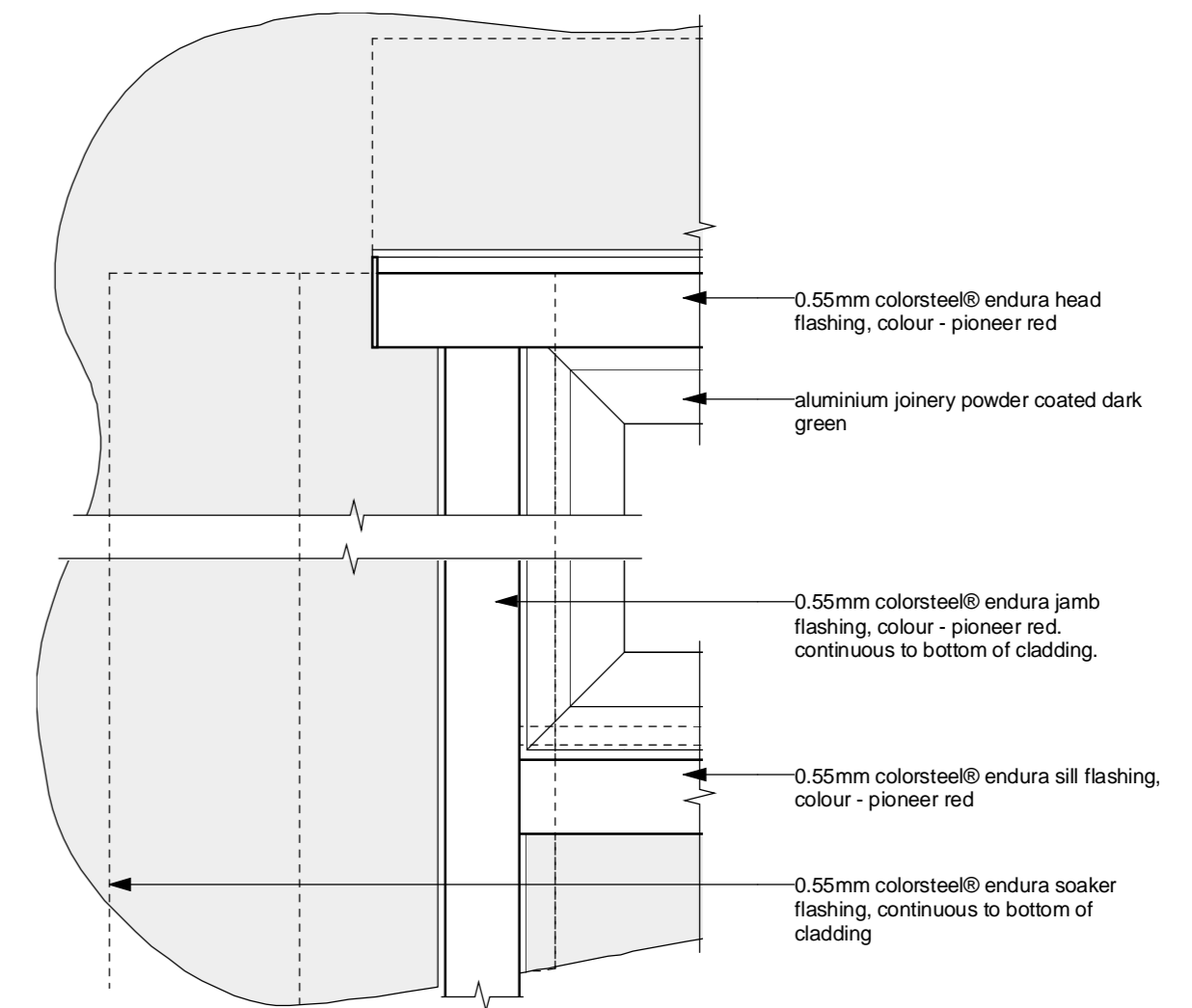
SILL FLASHING COVER 1:5



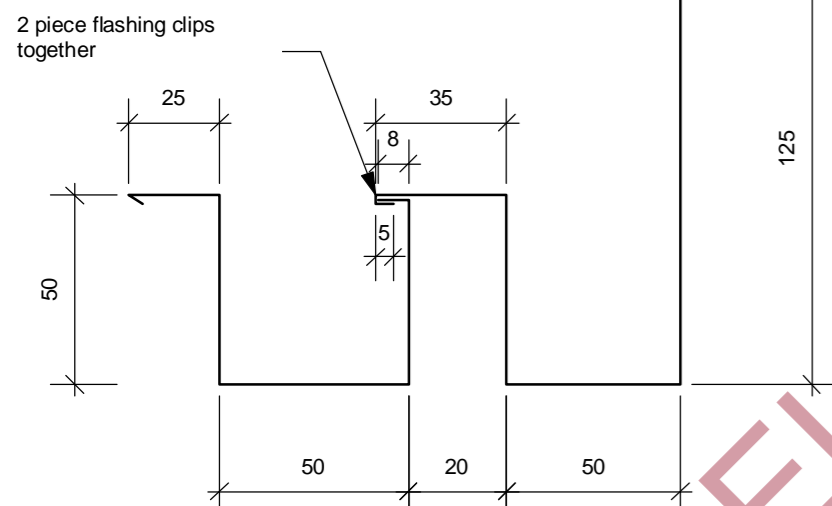
WINDOW JAMB FLASHING 1:2
continuous to bottom of cladding



CORNER / BARGE FLASHING 1:5



WINDOW FLASHING ELEVATION 1:5



DOOR JAMB FLASHING 1:2
continuous to bottom of cladding

NOTE:

All flashings to be 0.55mm colorsteel® endura, colour - PIONEER RED

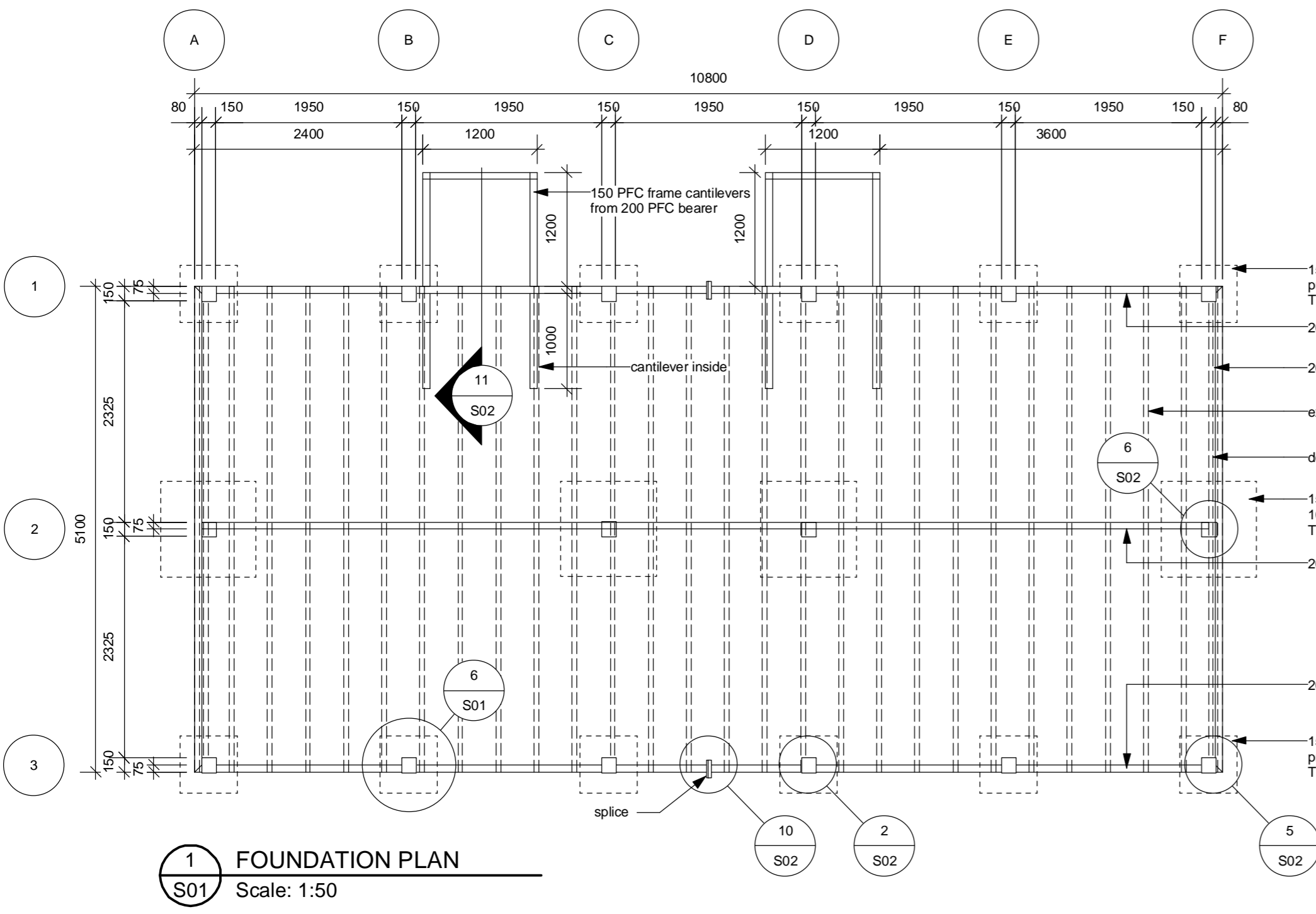


SCALE AT A2
DO NOT SCALE OFF THESE DRAWINGS

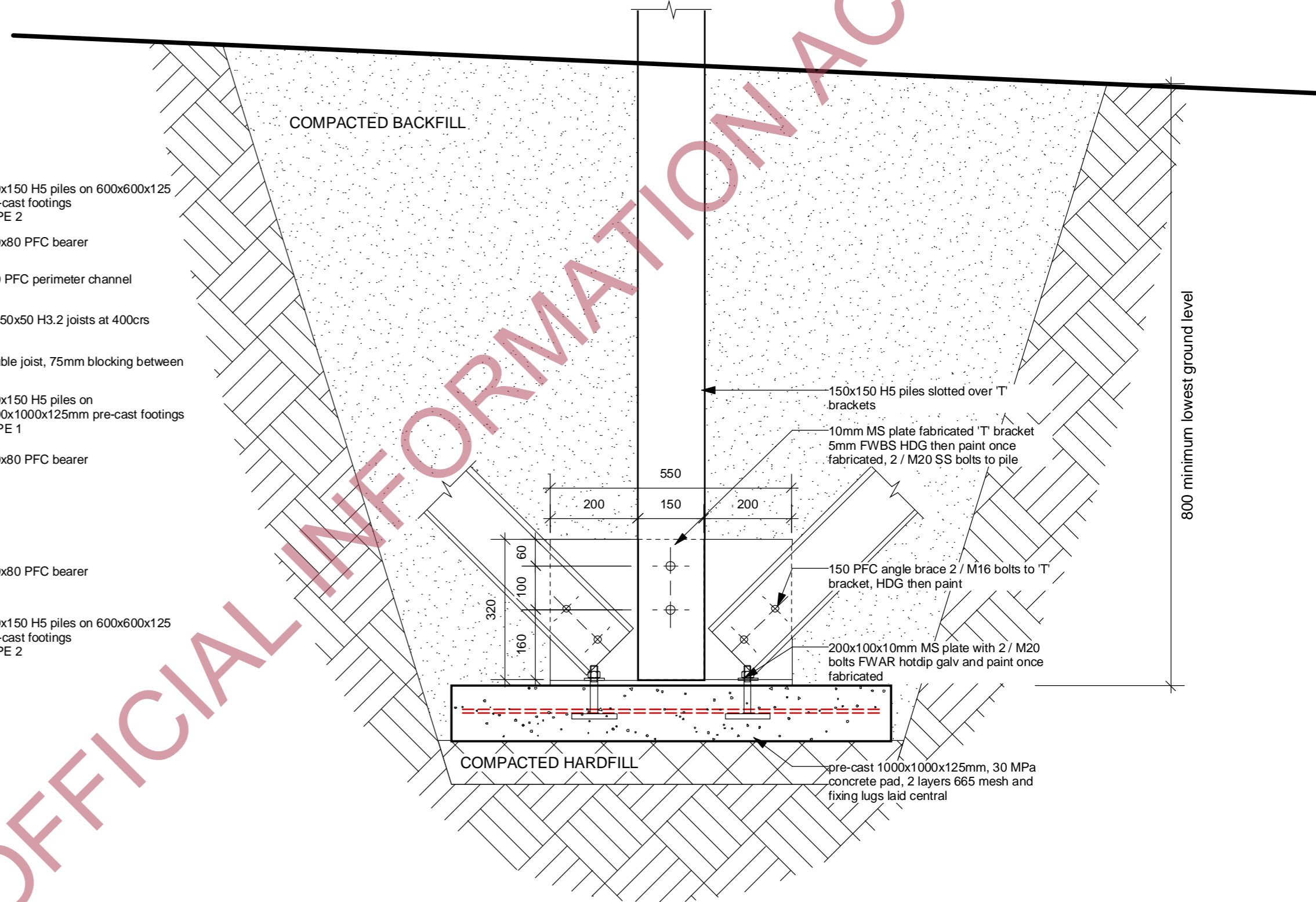
ISSUE	DATE	REVISION	PROJECT #
PROJECT	BREWSTER HUT		5103
CLIENT	DEPARTMENT OF CONSERVATION		DWG #
DWG	FLASHING DETAILS	CHKD	REVISION

DATE # 21.04.2006
SCALE # A3 as shown
DRAWN JK
DUNEDIN

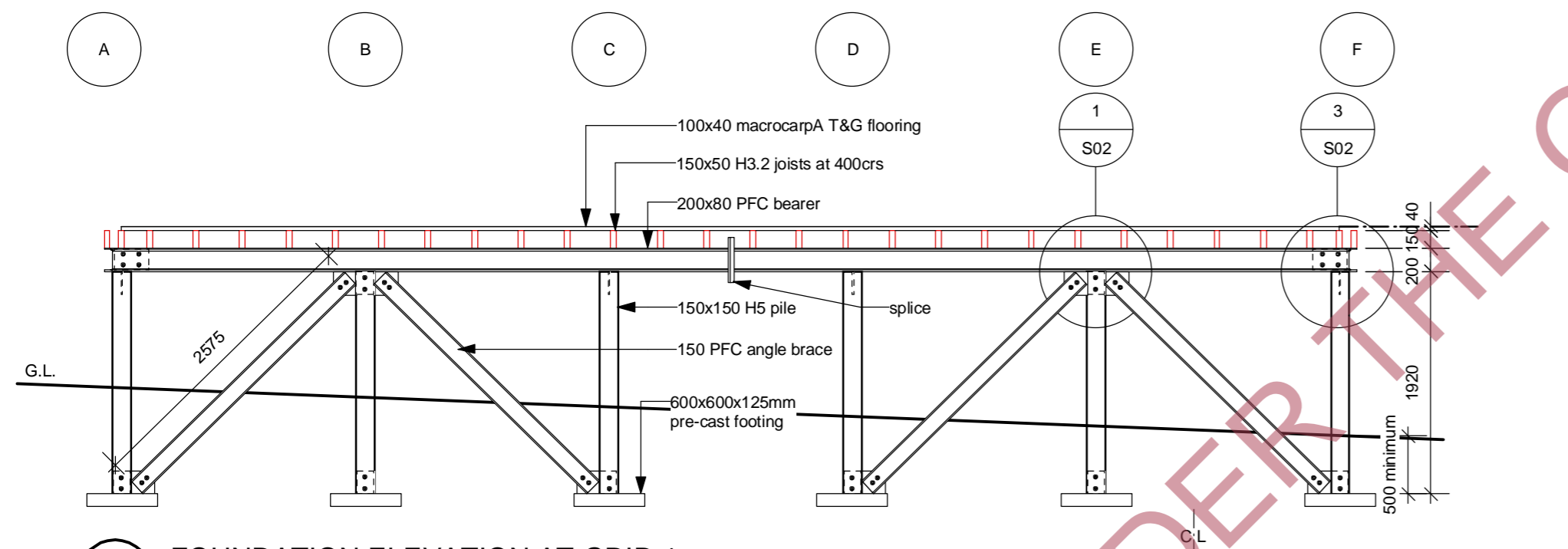
RELEASED UNDER THE OFFICIAL INFORMATION ACT



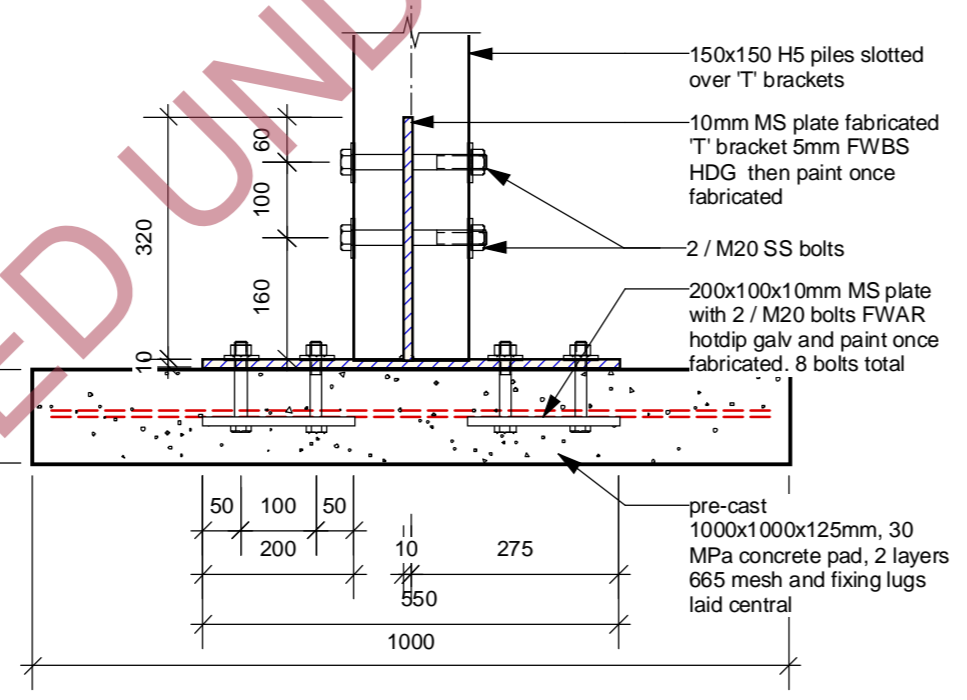
1 FOUNDATION PLAN
S01 Scale: 1:50



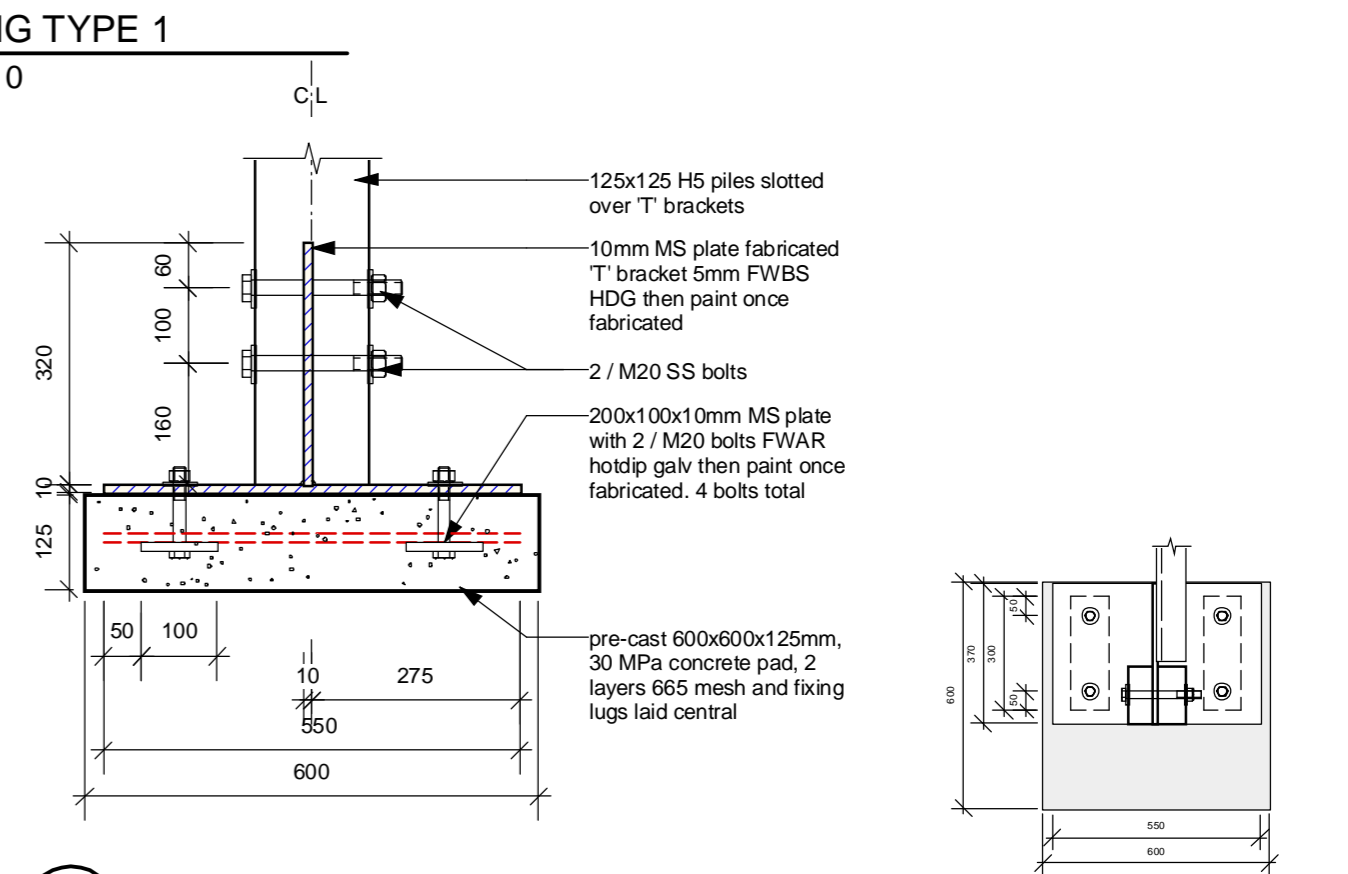
5 FOOTING TYPE 1
S01 Scale: 1:10



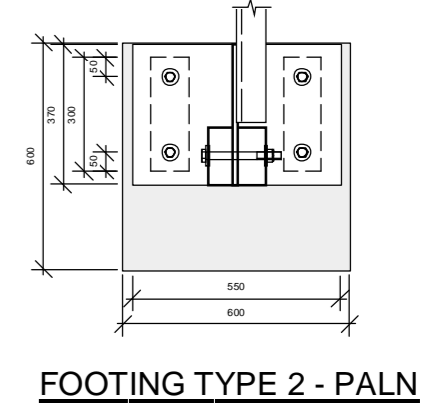
2 FOUNDATION ELEVATION AT GRID 1
S01 Scale: 1:50



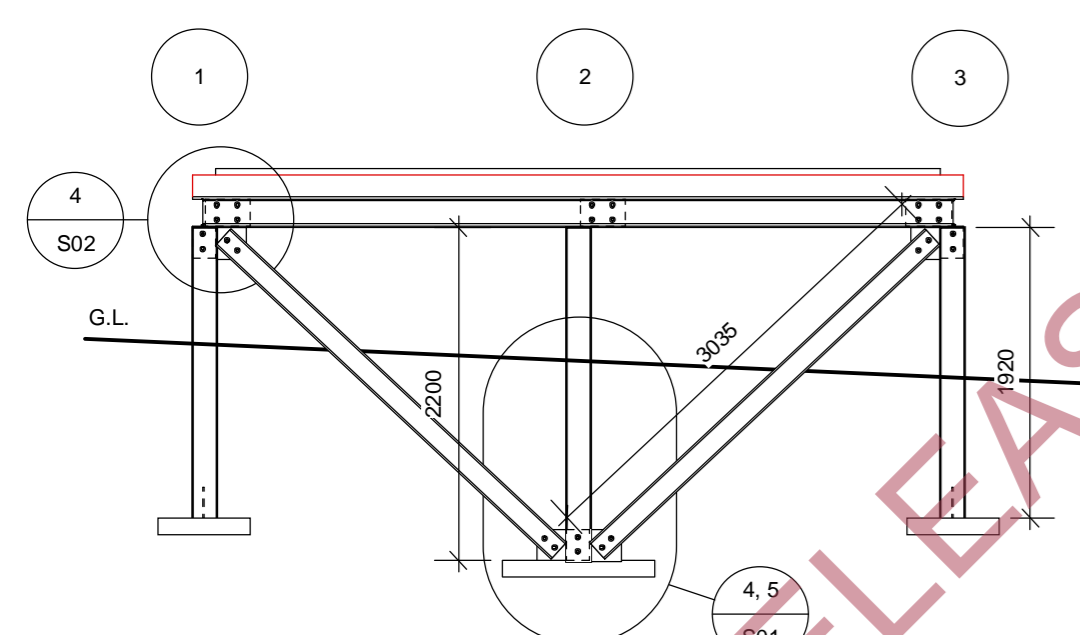
4 FOOTING TYPE 1
S01 Scale: 1:10



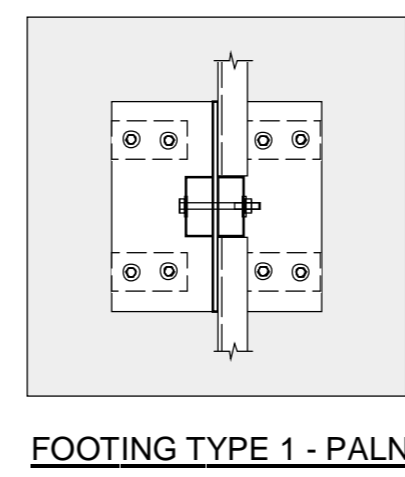
6 FOOTING TYPE 2
S01 Scale: 1:10



FOOTING TYPE 2 - PALN



3 FOUNDATION ELEVATION AT GRID A
S01 Scale: 1:50

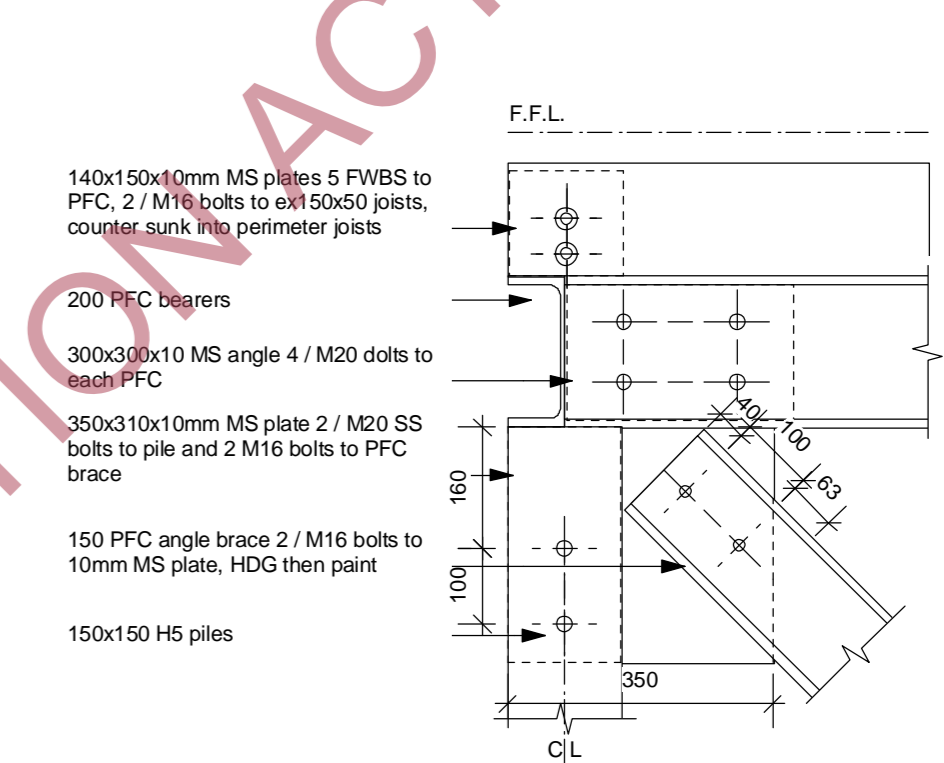
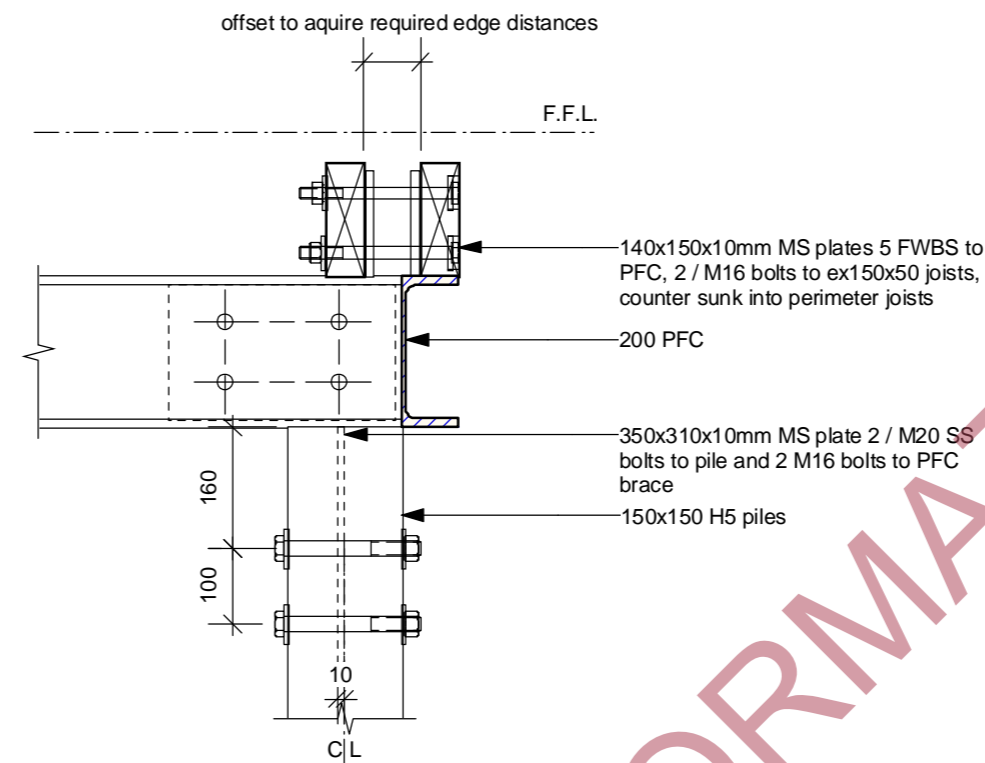
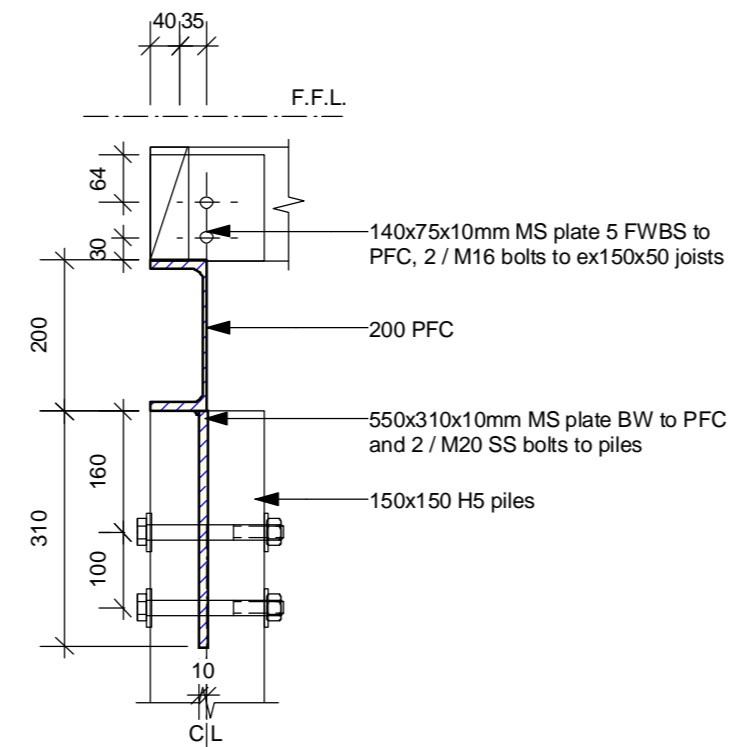
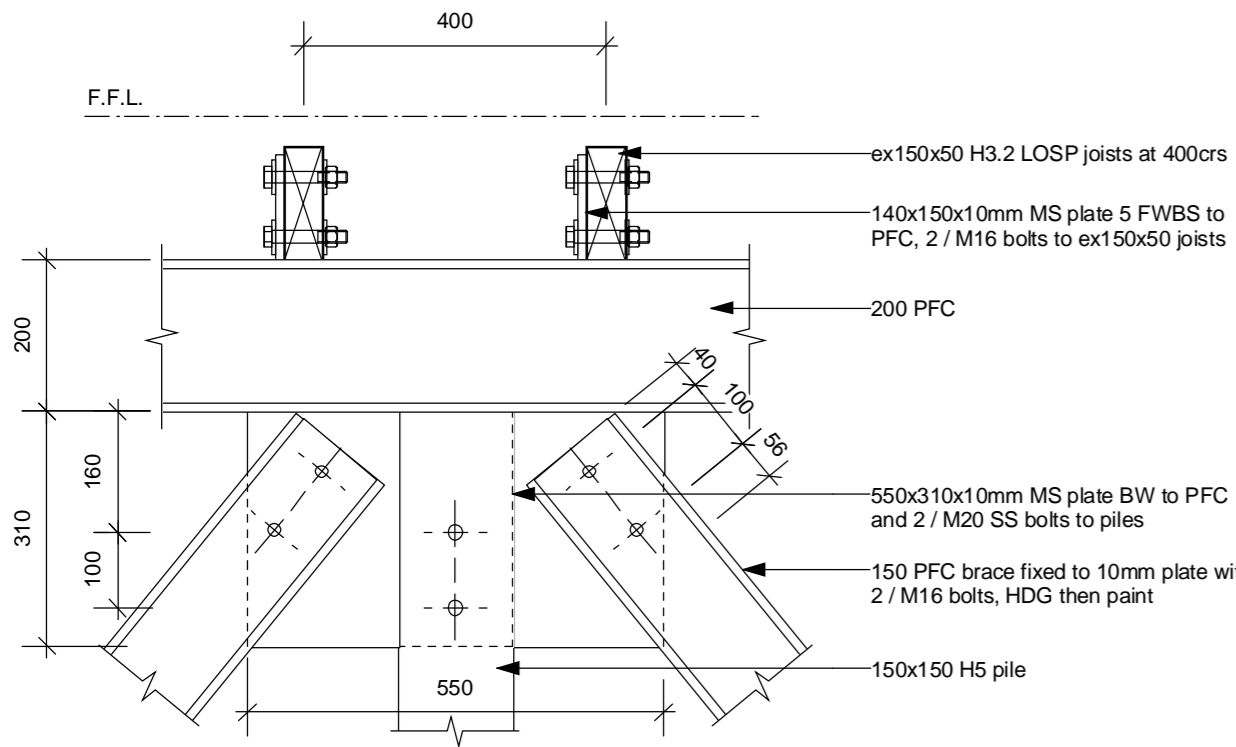


FOOTING TYPE 1 - PALN

SCALE AT A2
DO NOT SCALE OFF THESE DRAWINGS



ISSUE	DATE	REVISION	PROJECT #
PROJECT	BREWSTER HUT		5103
CLIENT	DEPARTMENT OF CONSERVATION	DATE # 10.04.2006	DWG #
DWG	FOUNDATION PLANS	SCALE @ A3 as shown	S01
CHKD		DRAWN	REVISION

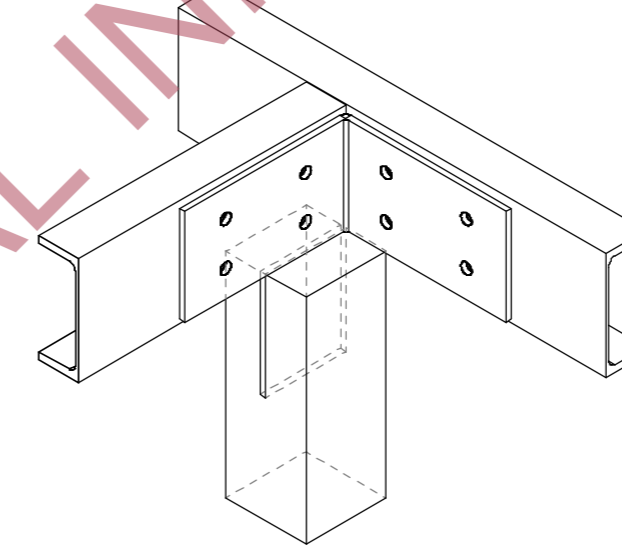
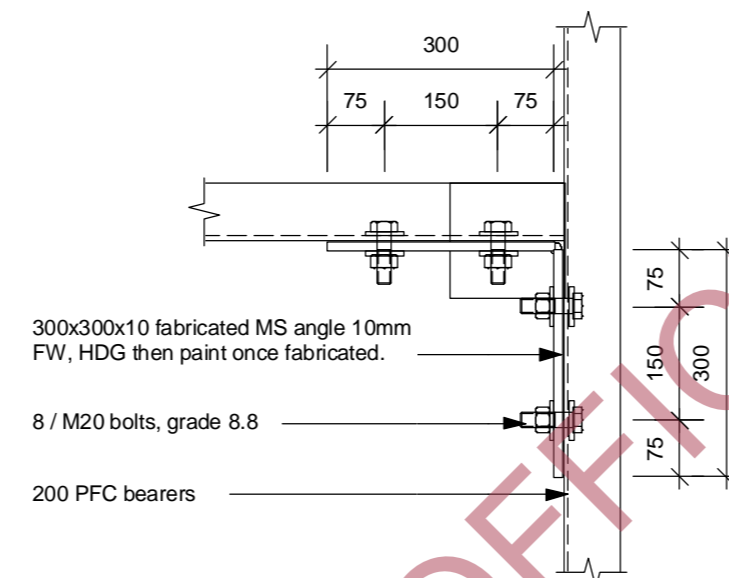
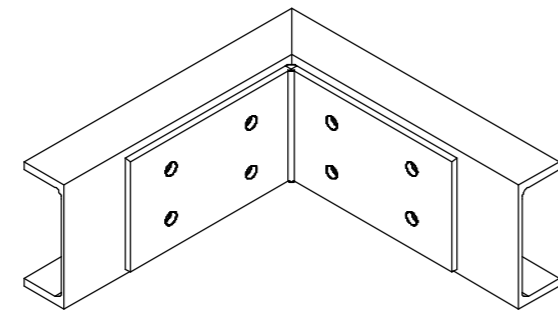
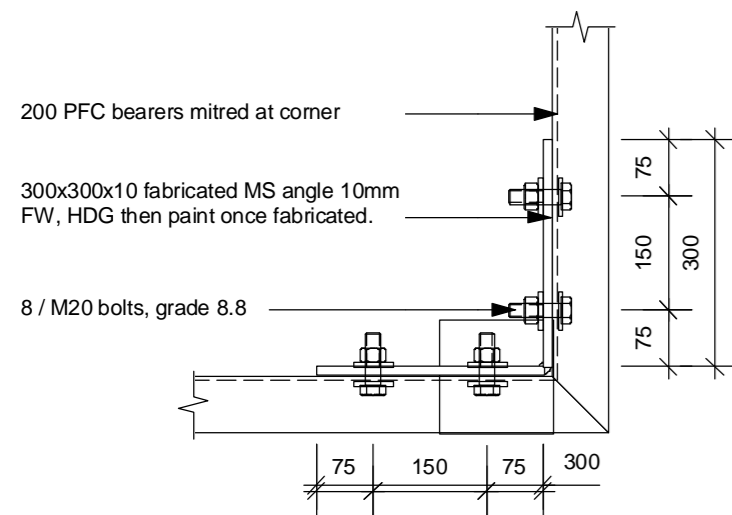


1 FOUNDATION BRACE CONNECTION
 S02 Scale: 1:10

2 BEARER TO PILE CONNECTION
 S01 Scale: 1:10

3 BEARER CORNER CONNECTION
 S01 Scale: 1:10

4 BEARER CORNER CONNECTION
 S01 Scale: 1:10

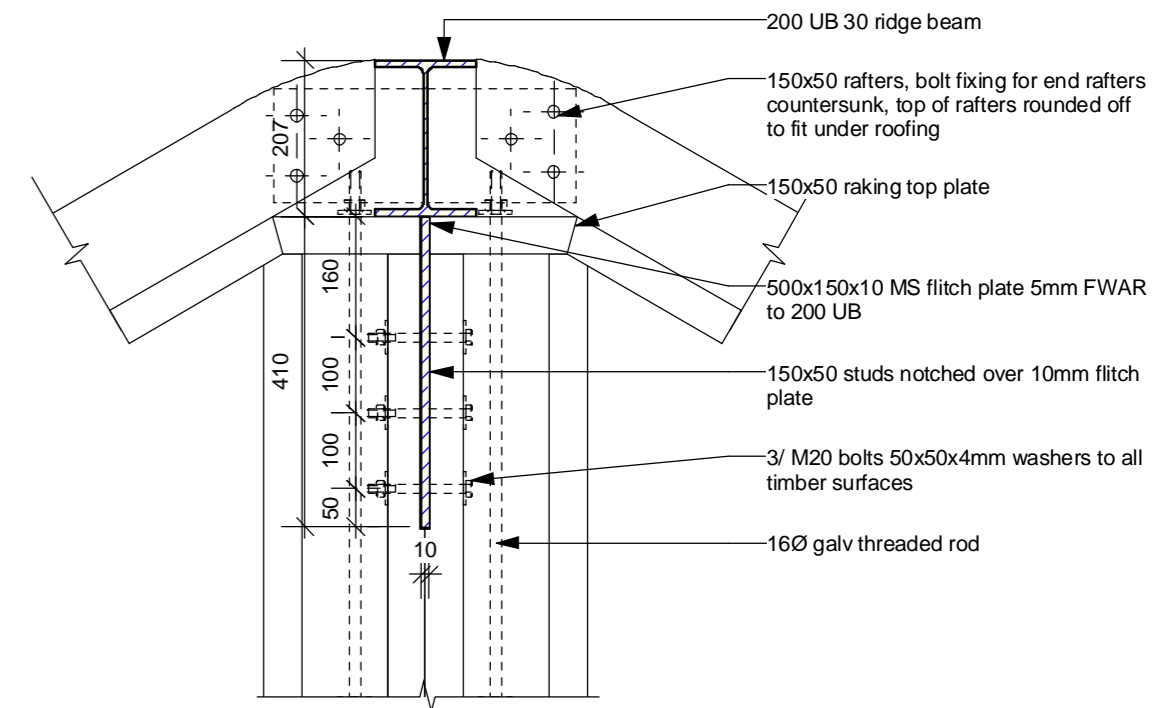


5 BEARER CORNER CONNECTION
 S01 Scale: 1:10

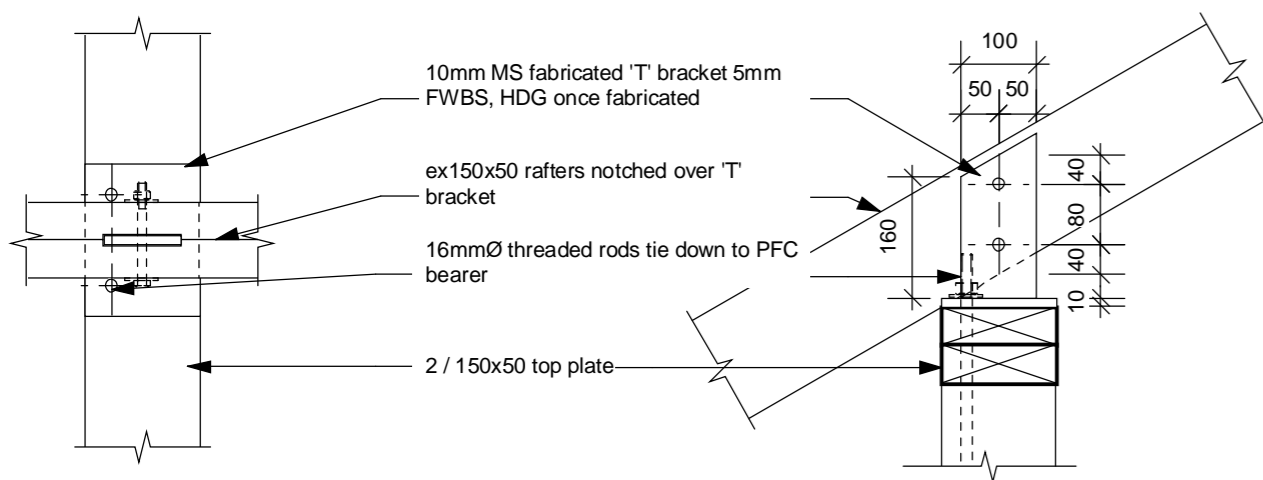
ISOMETRIC OF BEARER CONNECTION

6 MIDDLE BEARER CONNECTION
 S01 Scale: 1:10

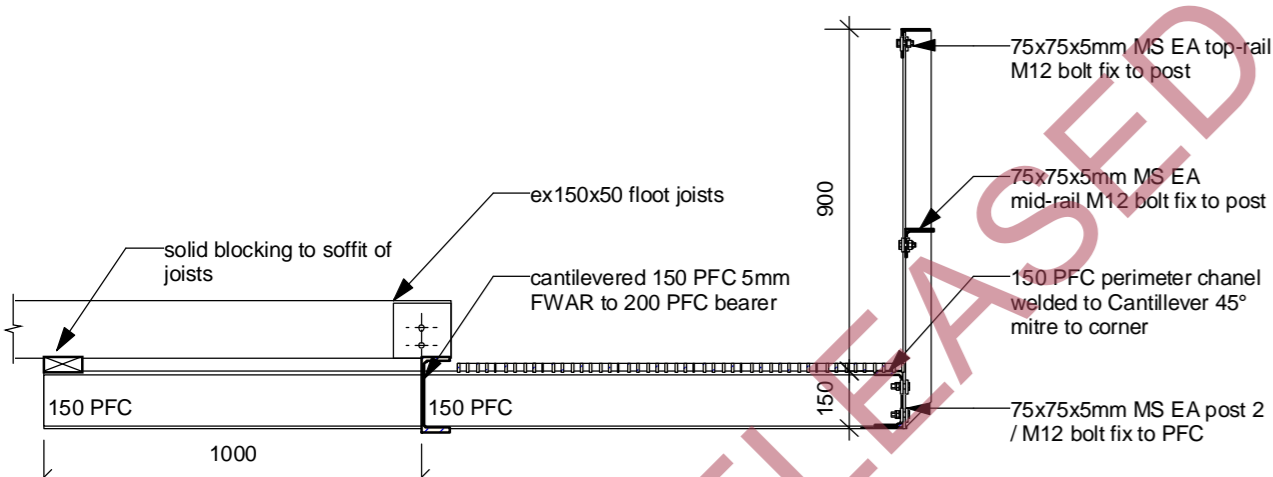
ISOMETRIC OF BEARER CONNECTION



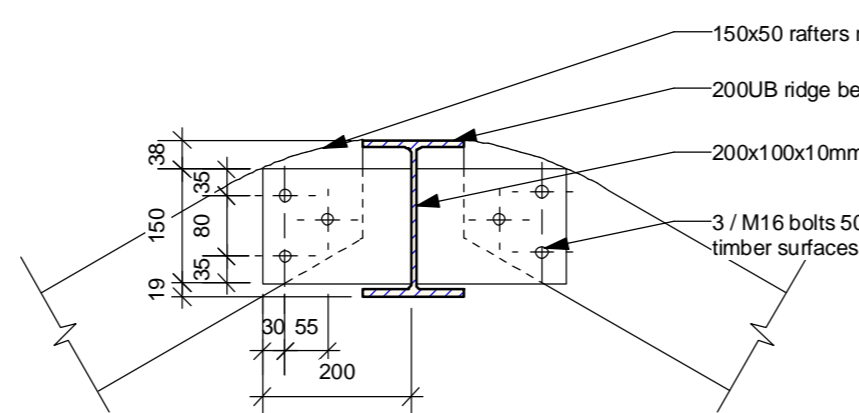
7 RIDGE BEAM CONNECTION
 Scale: 1:10



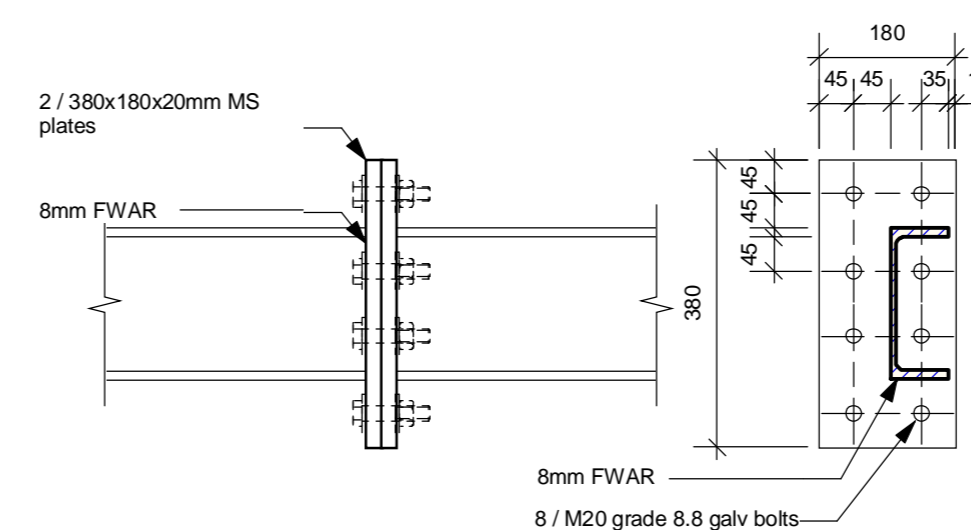
8 RAFTER TO TOP PLATE CONNECTION
 Scale: 1:10



11 SECTION THROUGH FIRE ESCAPE PLATFORM
 S01 Scale: 1:20



9 RAFTER TO RIDGE CONNECTION
 Scale: 1:10



10 SPLICE DETAIL
 S01 Scale: 1:10

STEEL PAINTING SPECIFICATION

all steel work in contact with the ground is to be hot dip galvanised and painted with 150 microns of Resene Armourcoat 510 in strict accordance with the manufacturers recommendations.

All structural steel work not in contact with the ground shall be grit blasted to SA 2.5, painted with 75 microns of Resene Zincilate 11 and 150 microns of Resene Armourcoat 510 applied in strict accordance with the manufacturers recommendations.

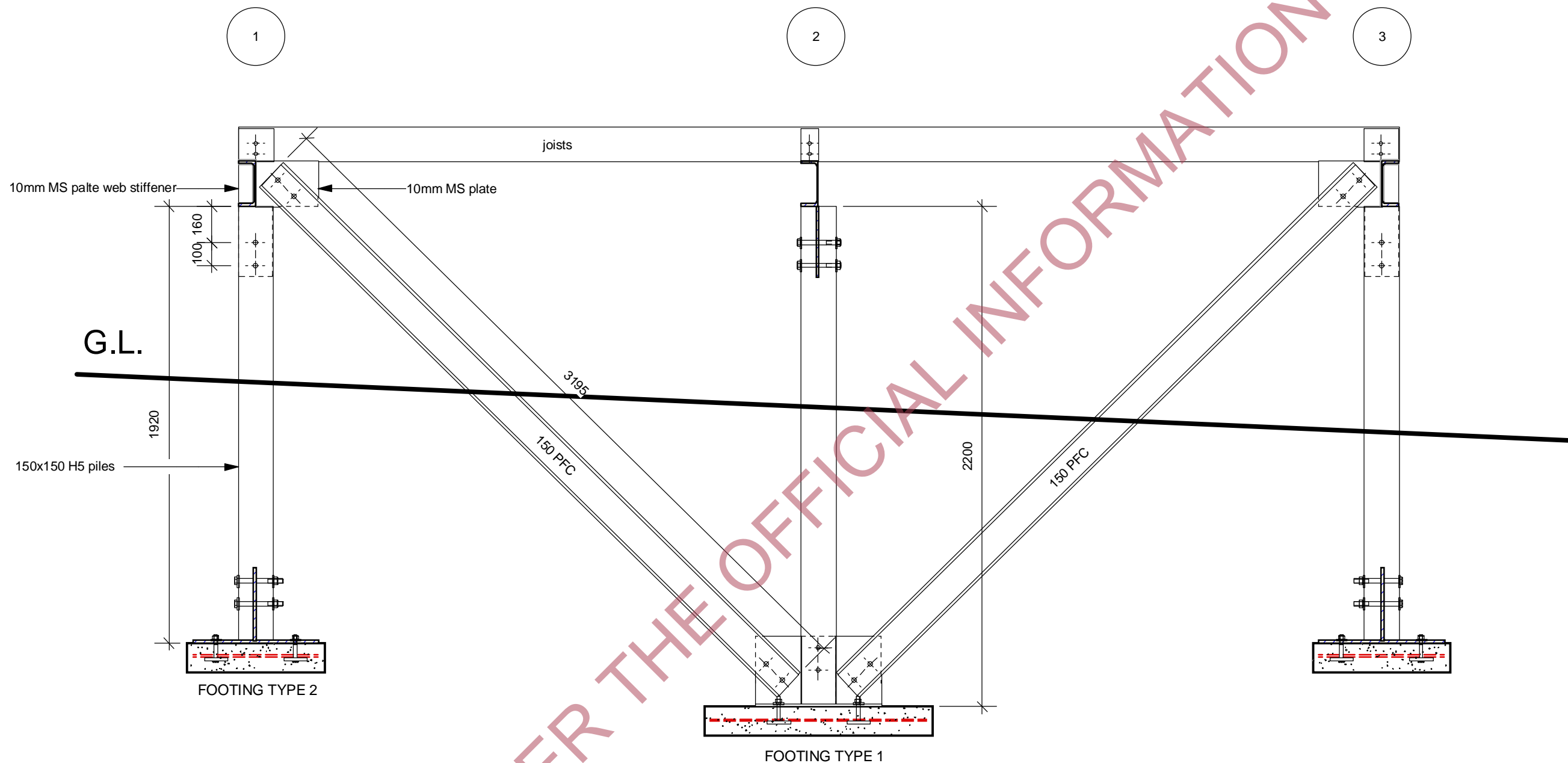
Touch up to damaged paint shall be Resene Armourcoat 221 applied in strict accordance to the manufacturers recommendations. All painted steel shall be coloured black.

SCALE AT A2
 DO NOT SCALE OFF THESE DRAWINGS

ISSUE	DATE	REVISION	PROJECT #
PROJECT	BREWSTER HUT		5103
CLIENT	DEPARTMENT OF CONSERVATION		DATE # 12.04.2006 DWG #
DWG	STRUCTURAL DETAILS		S02
CHKD	d	REVISION	



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1 SECTION AT GRID C & D
S01 Scale: 1:20

SCALE AT A3
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ISSUE	DATE	REVISION	PROJECT #
PROJECT	BREWSTER HUT		5103
CLIENT	DEPARTMENT OF CONSERVATION	DATE # 01.05.2006	DWG # S04
DWG	FOUNDATION SECTION	SCALE @ A3 as shown	
		DRAWN jk	
		CHKD d	REVISION



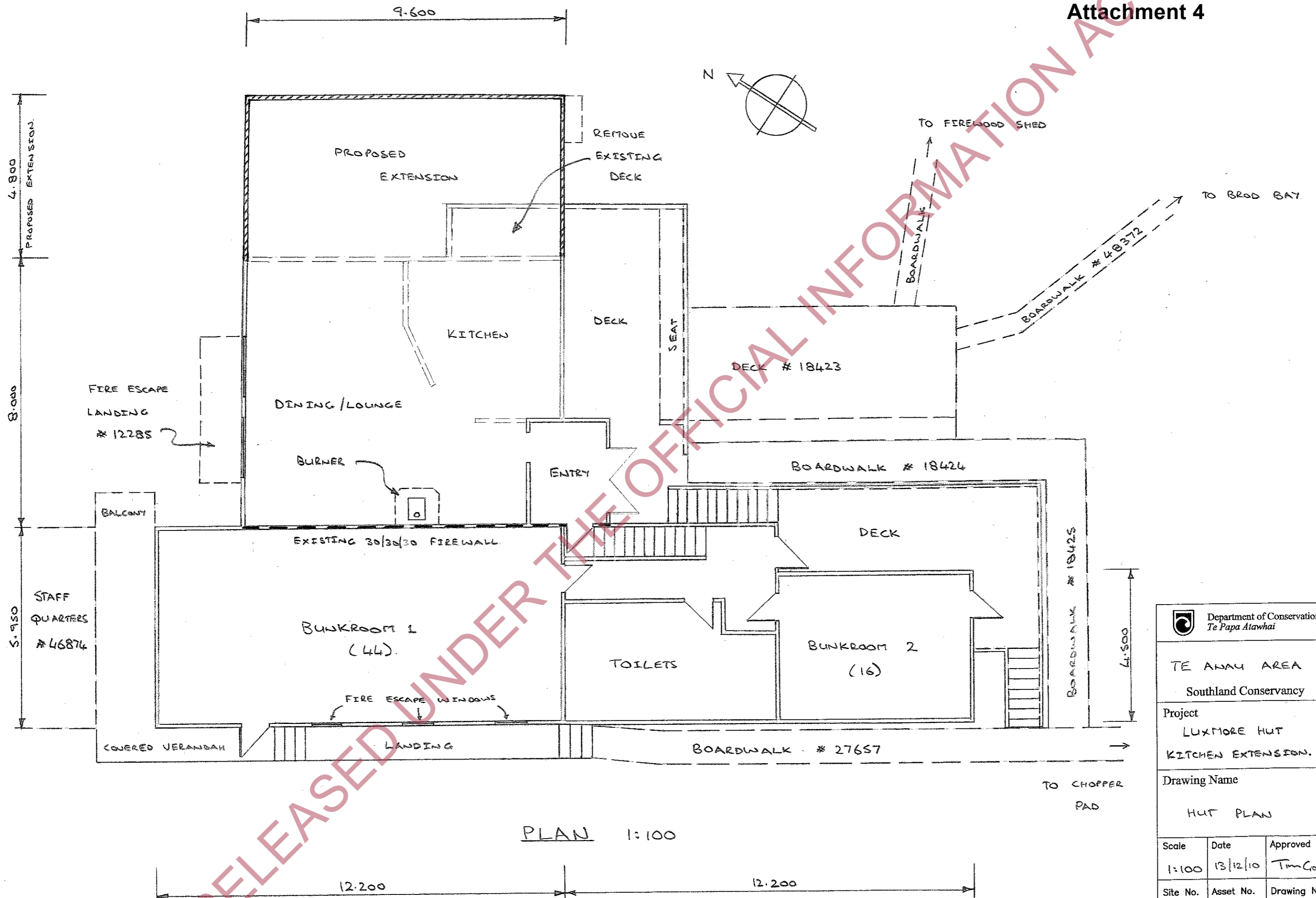
MWH

MONTGOMERY WATSON HARZA



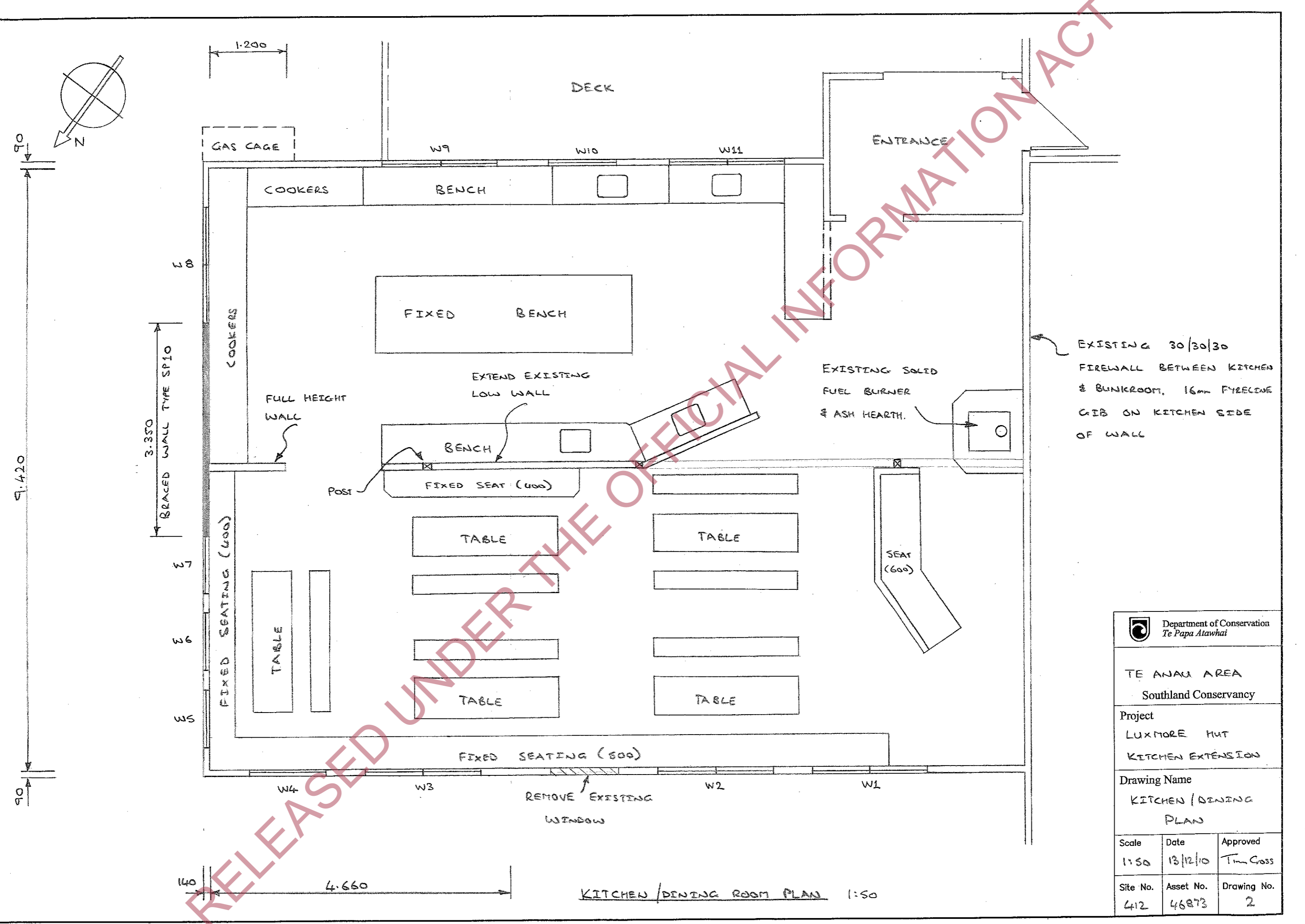
katipo design

postal: 28 Marion Street Macandrew Bay
 offices: Ground Floor 30 London Street
 03-477-0462 x3 fax 03-474-1329 0274-765-205
 info@urbandesigns.co.nz DUNEDIN




PLAN 1:100

TE ANAU AREA Southland Conservancy		
Project LUXMORE HUT KITCHEN EXTENSION.		
Drawing Name HUT PLAN		
Scale	Date	Approved
1:100	13/12/10	Tim Goss
Site No.	Asset No.	Drawing No.
412	46873	1



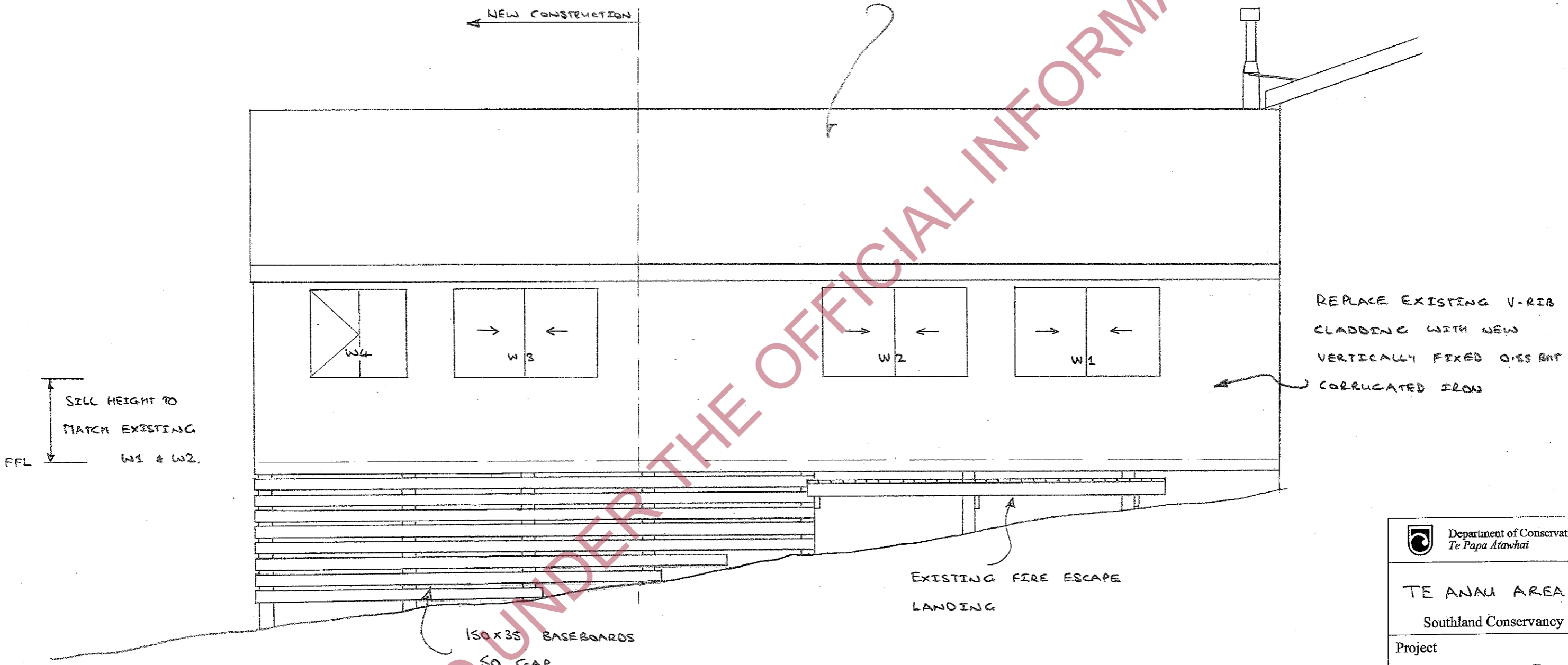
EXISTING 30/30/30
FIREWALL BETWEEN KITCHEN
& BUNKROOM. 16mm FIRECLONE
GIB ON KITCHEN SIDE
OF WALL

 Department of Conservation Te Papa Atawhai		
TE ANAU AREA Southland Conservancy		
Project LUXMORE HUT KITCHEN EXTENSION		
Drawing Name KITCHEN / DINING PLAN		
Scale	Date	Approved
1:50	13/12/10	Tim Cross
Site No.	Asset No.	Drawing No.
412	46873	2

KITCHEN / DINING ROOM PLAN 1:50

W1 - W3 1780w x 1180h SLIDING
 (MATCHES W8, W9 & W11)
 W4 1200w x 1180h SIDE HUNG

REPLACE EXISTING LONGRIN ROOFING
 WITH NEW 0.55 BMT CORRUGATED IRON
 OR SOLAR RIB ROOFING



SILL HEIGHT TO
 MATCH EXISTING
 FFL W1 & W2.

REPLACE EXISTING V-RIB
 CLADDING WITH NEW
 VERTICALLY FIXED 0.55 BMT
 CORRUGATED IRON

EXISTING FIRE ESCAPE
 LANDING

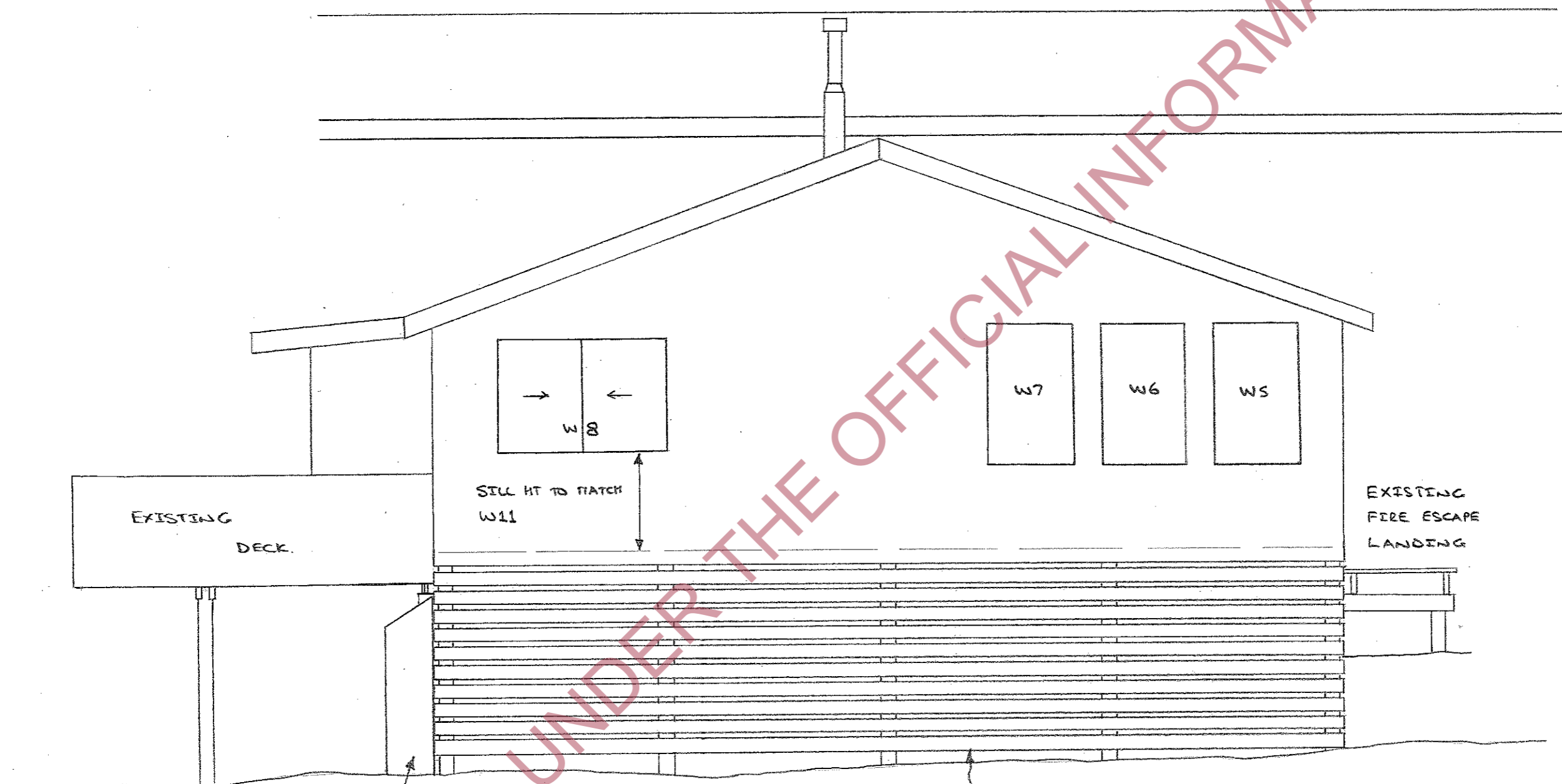
150x35 BASEBOARDS
 50 GAP

NW ELEVATION 1:50

TE ANAU AREA Southland Conservancy		
Project LUXMORE HUT KITCHEN EXTENSION		
Drawing Name NW ELEVATION		
Scale	Date	Approved
1:50	13/12/10	Tim Cross
Site No.	Asset No.	Drawing No.
412	46873	3

RELEASED UNDER THE OFFICIAL INFORMATION ACT

WS - W7 900w x 1500h NON OPENING.
 W8 1780w x 1180h SLIDING
 (MATCHES W2, W2, W3, W9 & W11).



GAS CAGE FOR 2x4.5kg CYLINDERS RELOCATED TO END OF SW WALL

150x35 BASEBOARDS
50 GAP

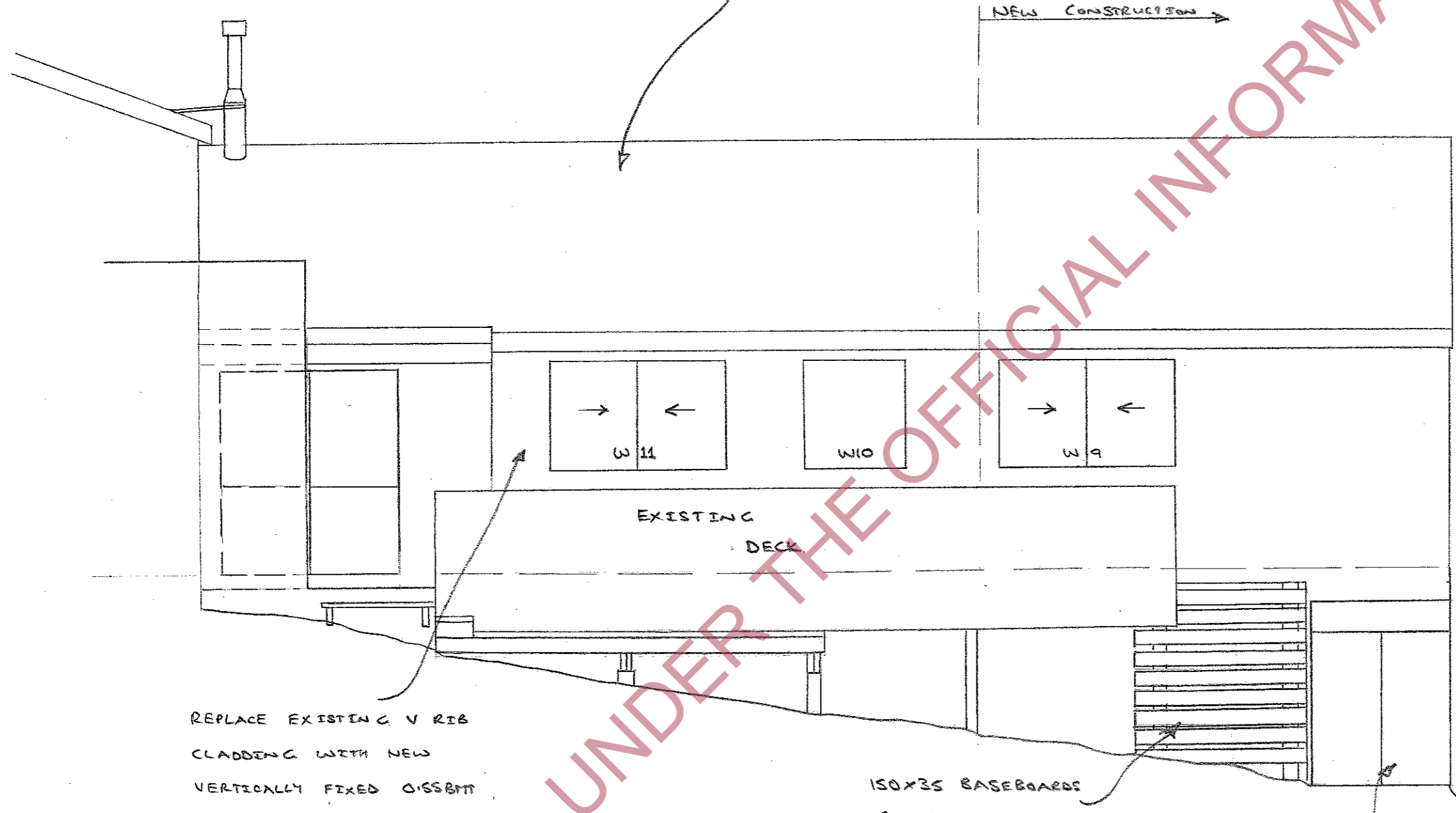
NE ELEVATION 1:50

TE ANAU AREA Southland Conservancy		
Project LUXMORE HUT KITCHEN EXTENSION		
Drawing Name NE ELEVATION		
Scale	Date	Approved
1:50	13/12/10	Tim Cross
Site No.	Asset No.	Drawing No.
412	46873	4

RELEASED UNDER THE OFFICIAL INFORMATION ACT

W9 & W11 1780w x 1180h SLIDING
 (MATCHES W1-8 & W8)
 W10 980w x 1180h NON OPENING

REPLACE EXISTING LONGRUN ROOFING
 WITH NEW 0.55 BMT CORRUGATED IRON
 OR SOLAR RIB ROOFING



REPLACE EXISTING V RIB
 CLADDING WITH NEW
 VERTICALLY FIXED 0.55BMT
 CORRUGATED IRON

150x35 BASEBOARDS
 60 GAP

EXISTING GAS CAGE RELOCATED
 TO END OF SE WALL. EXTEND
 CLADDING BEHIND CAGE TO
 GROUND LEVEL

SILL HEIGHT TO
 MATCH EXISTING
 W10 & W11. FFL

SE ELEVATION 1:50

TE ANAU AREA Southland Conservancy		
Project LUXMORE HUT KITCHEN EXTENSION		
Drawing Name SE ELEVATION		
Scale	Date	Approved
1:50	13/12/10	Tim Cross
Site No.	Asset No.	Drawing No.
412	46873	5

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NEW 0.55mm CORRUGATED IRON OR SOLAR RIB ROOFING
OVER COVERTEK 407 ROOFING UNDERLAY OVER
EXISTING ROOF STRUCTURE - 90x45 PURLINS @ 900cs
ON 12.5mm PLY ON 180x65 RAFTERS @ 1200cs

STRAP EXISTING RAFTERS WITH 190x45 MSG B
OPPOSITE SIDE TO CEILING JOISTS
2 ROWS NAILS @ 200cs

EXISTING 250x100
RIDGE BEAM

4/14g x 100 TYPE 17
GALVANISED SCREWS

MULTIGRIP (12 NAILS)
EACH SIDE OF RAFTER

126x47 JOIST HANGER
(24 NAILS)

NEW 2/190x45 MSG B
CEILING BEAMS CUT
BETWEEN EXISTING POSTS

140x35 EDGE MEMBER TO CEILING DIAPHRAGM,
JOIN 200mm ONE SIDE OF CEILING JOIST
USING PRYDA 8N15 NAILPLATE ON TOP FACE

9.5mm CD ECOPELY CEILING
ON 70x35 BATTENS @ 600cs
ON 140x45 MSG B CEILING
JOISTS @ 1200cs
R3.6 ULTRA BATS
CEILING INSULATION.

EAVES DETAIL
SEE SHIT 11

REPLACE EXISTING V-RIB
CLADDING & WALL WRAP WITH
0.40 BMT CORRUGATED IRON
OVER THERMAKRAFT 213 BUILDING
PAPER ON THERMAKRAFT
COVER UP BUILDING WRAP

12.5 CD PLY LINING ON
EXISTING 90x45 FRAMING
(NEW FRAMING 90x45 MSG B
STUDS @ 400cs)

EXISTING FLOOR 20mm T & G
ON 140x45 JOISTS @ 450cs
ON 140x90 BEARERS.

NEW CONSTRUCTION 20mm CD ECOPELY
ON 140x45 MSG B JOISTS @ 600cs
ON 2/190x45 MSG B BEARERS
(PLY SHEETS LAID IN STRETCHER BOND
PATTERN - FACE GRAIN // TO BEARERS)

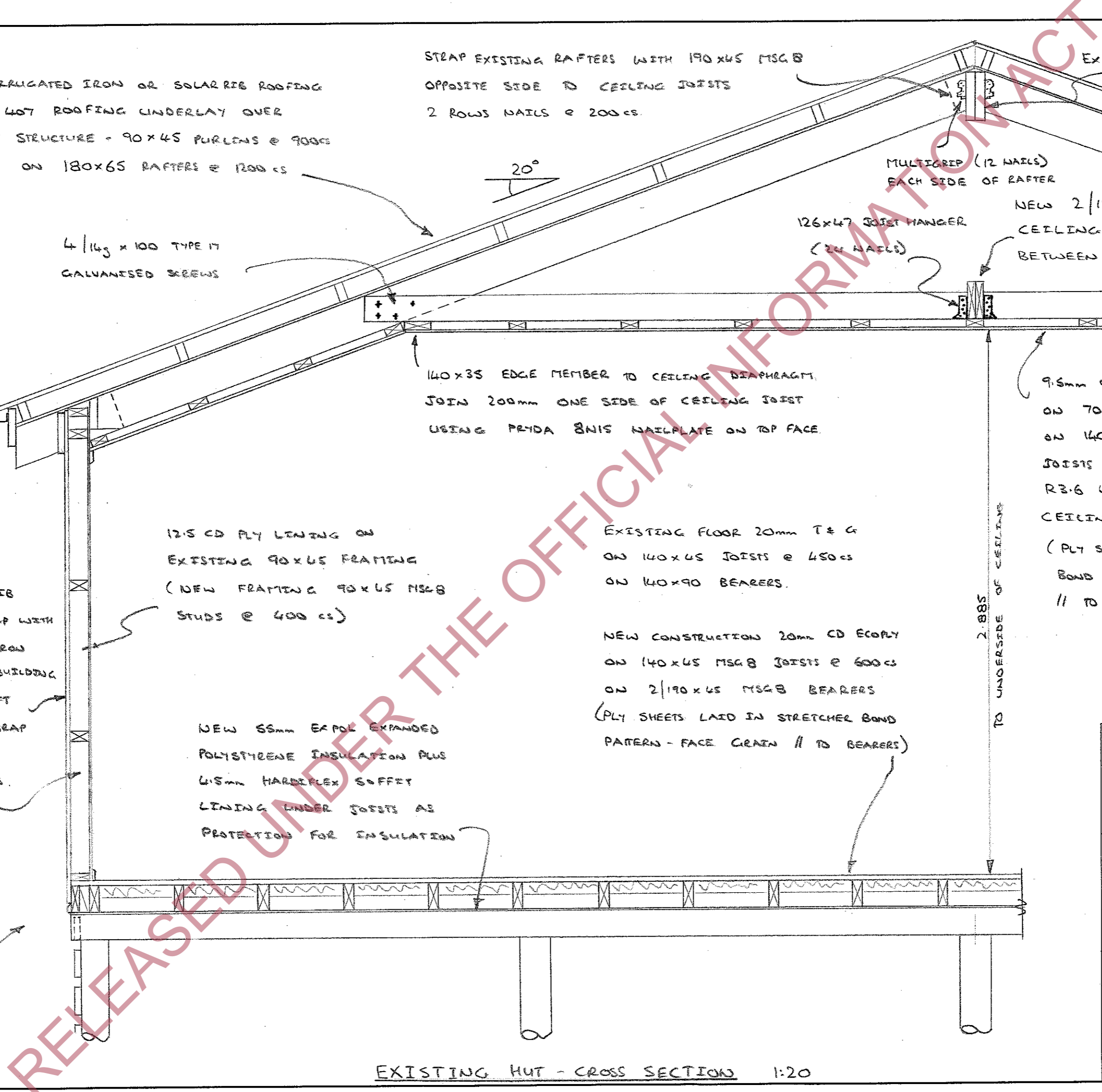
NEW R2.6 ULTRA BATS
WALL INSULATION

NEW 55mm EXP POL EXPANDED
POLYSTYRENE INSULATION PLUS
4.5mm HARDEX SOFFET
LINING UNDER JOISTS AS
PROTECTION FOR INSULATION

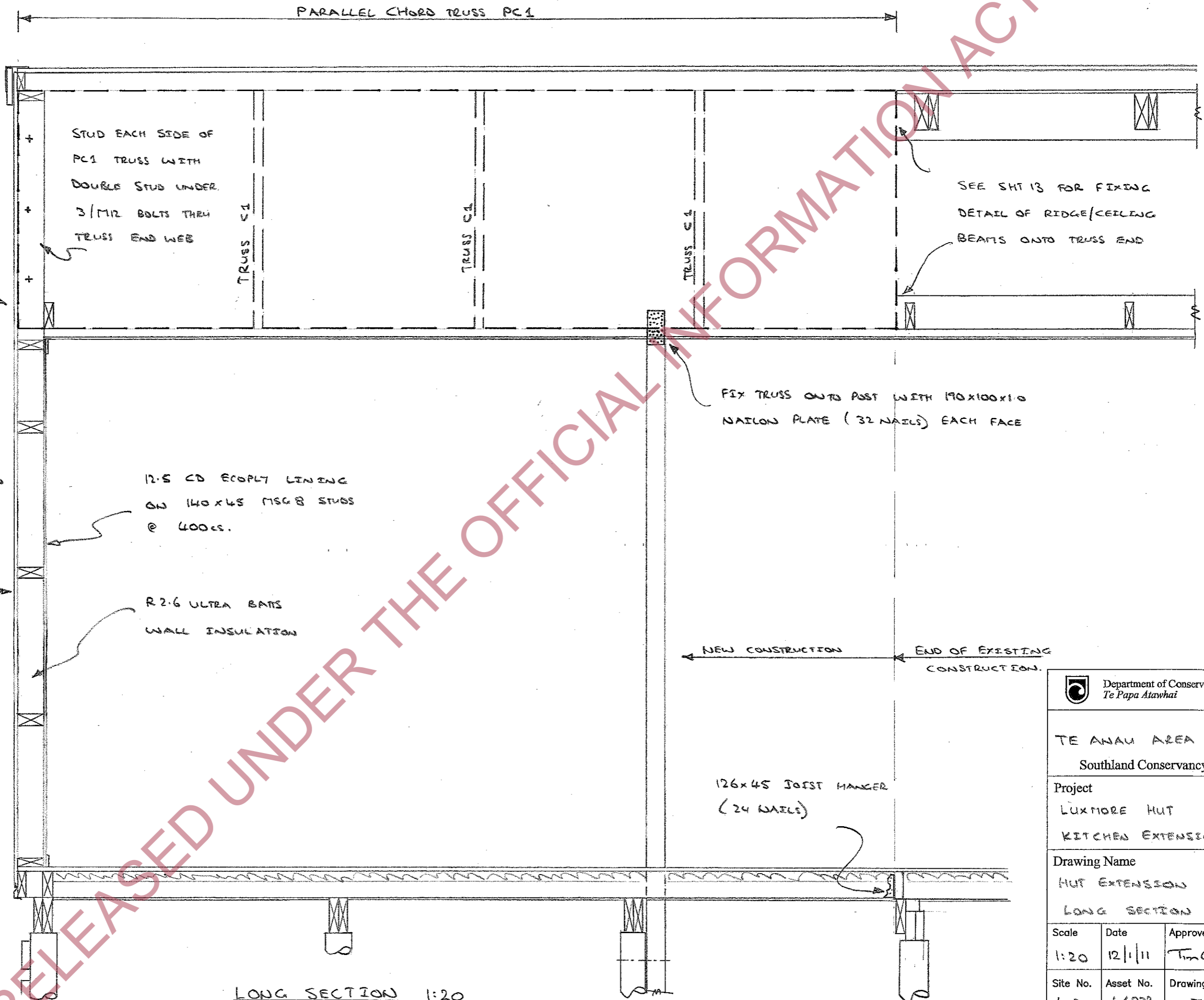
2.885
TO UNDERSIDE OF CEILING

BASE DETAIL
SEE SHIT 10

EXISTING HUT - CROSS SECTION 1:20



TE ANAU AREA Southland Conservancy		
Project LUXMORE HUT KITCHEN EXTENSION		
Drawing Name EXISTING HUT CROSS SECTION		
Scale	Date	Approved
1:20	12/1/11	Tim Cass
Site No.	Asset No.	Drawing No.
412	46873	6



GABLE END DETAILS
SEE SHT 11

STUD EACH SIDE OF
PC1 TRUSS WITH
DOUBLE STUD UNDER
3/16" BOLTS THRU
TRUSS END WEB

SEE SHT 13 FOR FIXING
DETAIL OF RIDGE/CEILING
BEAMS ONTO TRUSS END

FIX TRUSS ONTO POST WITH 190x100x10
NAILON PLATE (32 NAILS) EACH FACE

0.40 BMT CORRUGATED IRON
OVER THERMAKRAFT 213
BUILDING PAPER ON
THERMAKRAFT COVER-UP
BUILDING WRAP

12.5 CD ECOPLY LINING
ON 140x45 MSG 8 STUDS
@ 400cs.

R2.6 ULTRA BATS
WALL INSULATION

← NEW CONSTRUCTION ← END OF EXISTING
CONSTRUCTION.

126x45 JOIST HANGER
(24 NAILS)

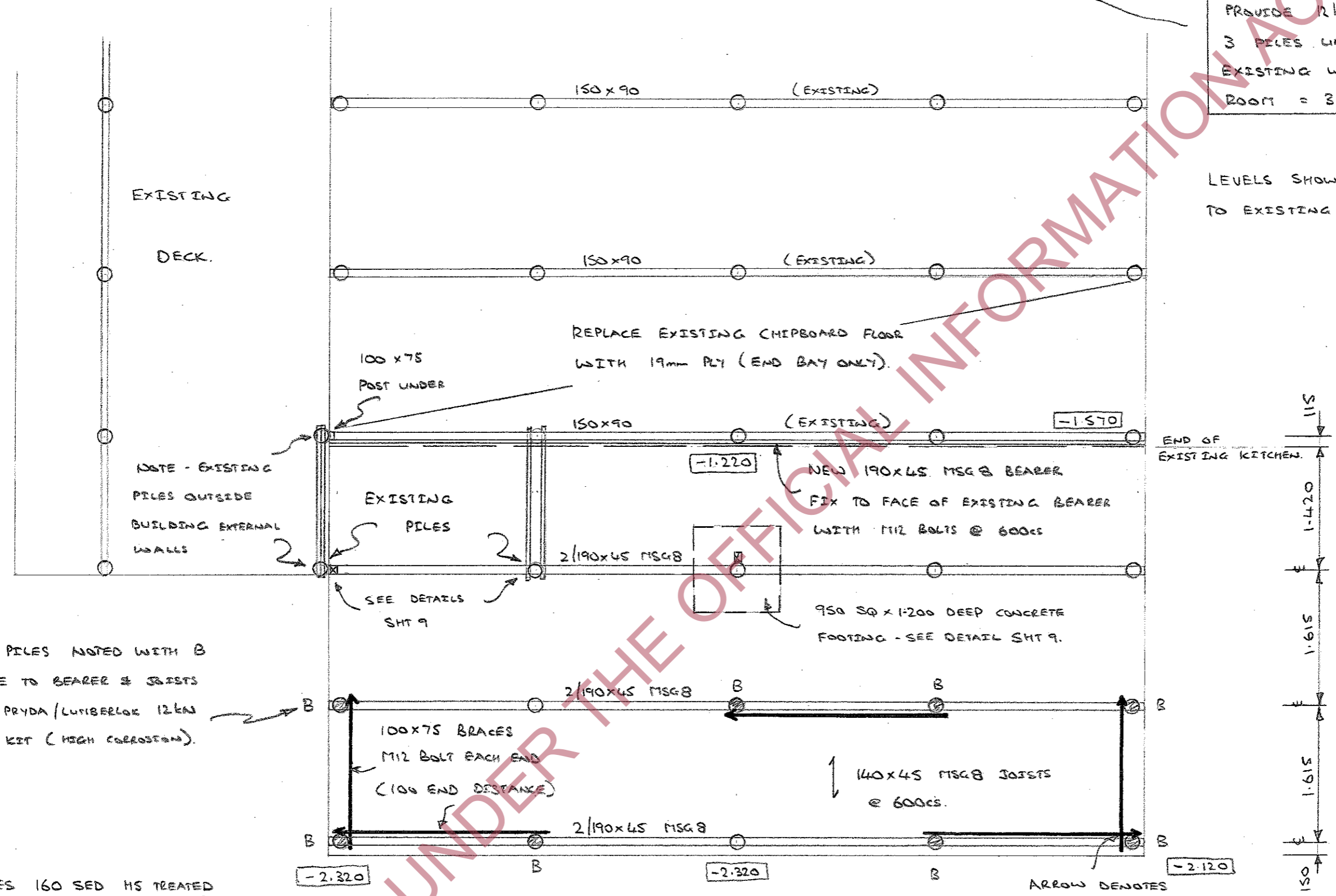
BASE DETAIL
SEE SHT 10

LONG SECTION 1:20

TE ANAU AREA Southland Conservancy		
Project LUXMORE HUT KITCHEN EXTENSION		
Drawing Name HUT EXTENSION LONG SECTION		
Scale	Date	Approved
1:20	12/1/11	Tim Cass
Site No.	Asset No.	Drawing No.
412	46873	7

PROVIDE 12KN FIXING KIT TO 3 PILES UNDER FAR END (SW) EXISTING WALL OF KITCHEN/DINING ROOM = 3 ANCHOR PILES.

LEVELS SHOWN ARE FGL RELATIVE TO EXISTING KITCHEN FLOOR.



BRACED PILES NOTED WITH B
FIX PILE TO BEARER & JOISTS
USING PRYDA (LUMBERLOK 12KN)
FIXING KIT (HIGH CORROSION).

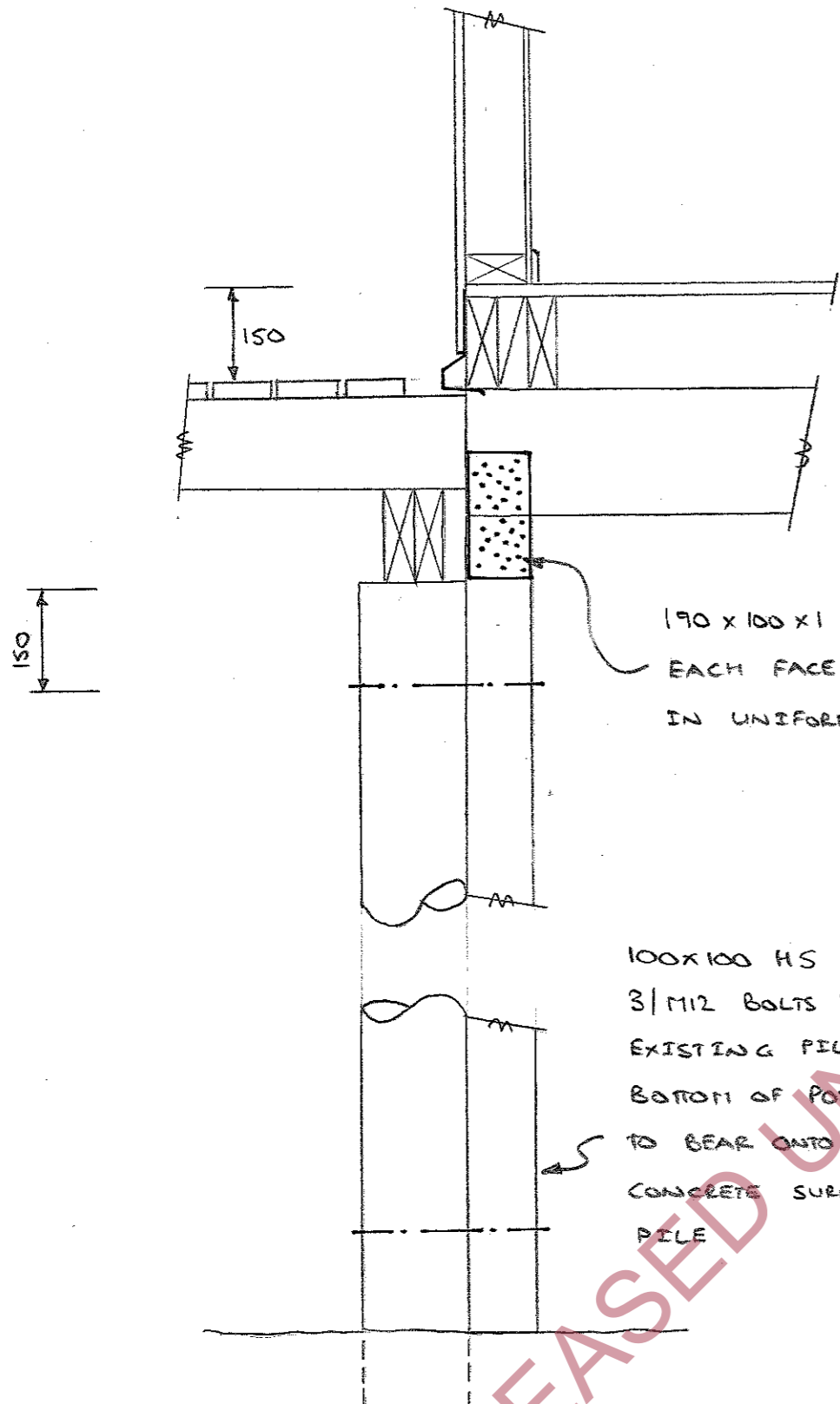
ALL PILES 160 SED HS TREATED
POLES. PERIMETER PILES TO
BE CONCRETED INTO 400 SQ
X 900 DEEP HOLES IN GOOD GROUND.
INTERNAL PILES CONCRETED INTO
400 SQ X 450 DEEP HOLES.
TYPICAL PILE-BEARER FIXING
& NO LUMBERLOK & CT160
CLEATS (@ NAILS).

FOUNDATION/SUBFLOOR PLAN 1:50

TE ANAU AREA Southland Conservancy		
Project LUXMORE HUT KITCHEN EXTENSION		
Drawing Name FOUNDATION/SUBFLOOR PLAN		
Scale	Date	Approved
1:50	6/1/11	Tim Cass
Site No.	Asset No.	Drawing No.
412	46873	8

REMOVE EXISTING WIRE TIE
ONTO PILE. NOTCH TOP OF
EXISTING BEARERS & PACKERS
FOR NEW BEARERS. DO NOT
NOTCH NEW BEARERS

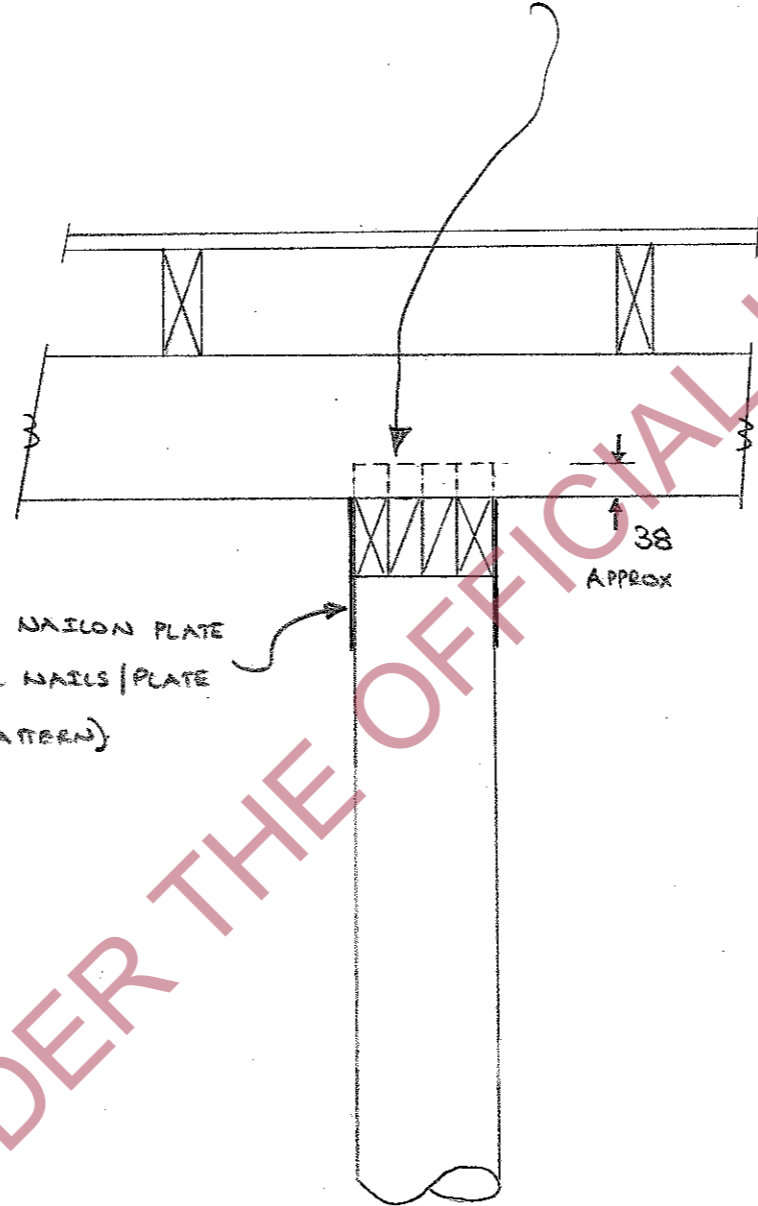
100 X 100 POST UNDER
RIDGE TRUSS. (H3.2
TREATED. DPC UNDER
BOTTOM END



190 X 100 X 1 S/S NAILON PLATE
EACH FACE (32 NAILS/PLATE
IN UNIFORM PATTERN)

100 X 100 HS POST
3/16" BOLTS TO
EXISTING PILE
BOTTOM OF POST
TO BEAR ONTO
CONCRETE SURROUNDING
PILE

EXISTING END PILE 1:10

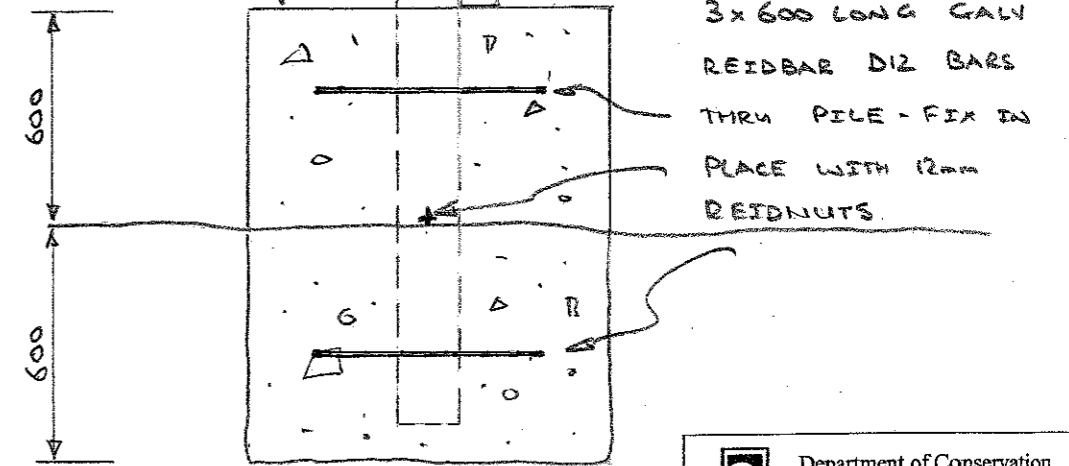


38
APPROX

EXISTING INTERNAL PILE 1:10

950 X 950 X 1200
CONCRETE FOOTING
20 MPa.

3 X M16 BOLTS
160 END DISTANCE



NEW CENTRE PILE BASE

1:20

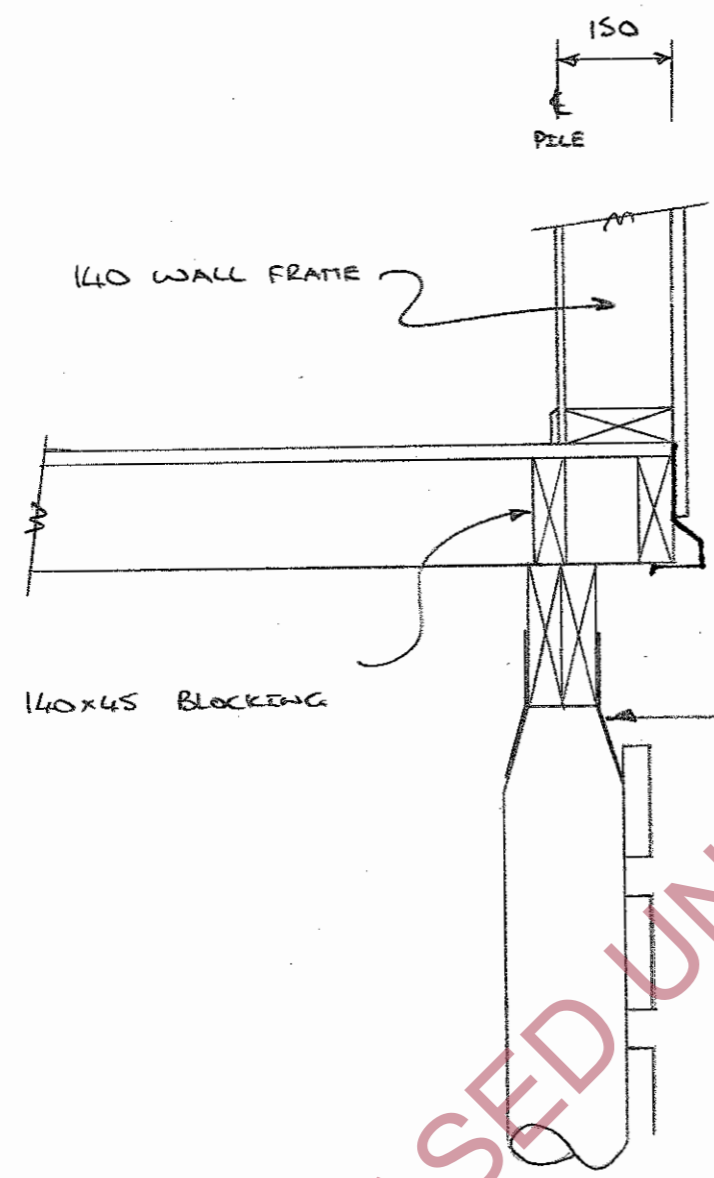
Department of Conservation
Te Papa Atawhai

TE ANAU AREA
Southland Conservancy

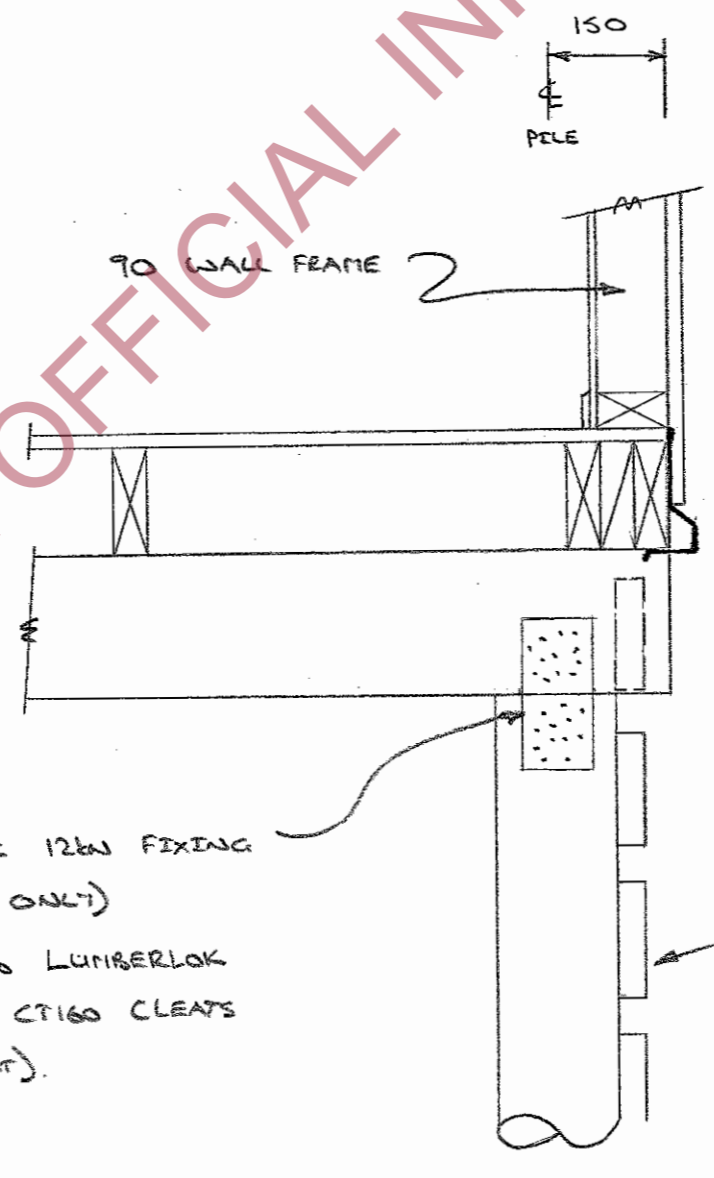
Project
LUXMORE HUT
KITCHEN EXTENSION.

Drawing Name
SUBFLOOR DETAILS

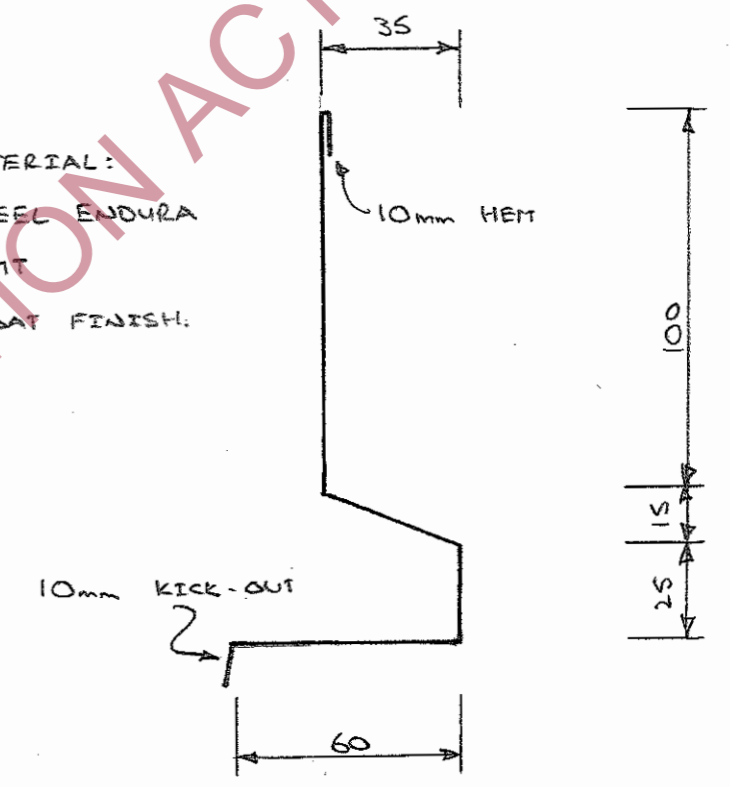
Scale	Date	Approved
Shown	6/1/11	Tim Cross
Site No.	Asset No.	Drawing No.
412	46873	9



NE (END) WALL BASE DETAIL 1:20



NW/SE (SIDE) WALL BASE DETAIL 1:20



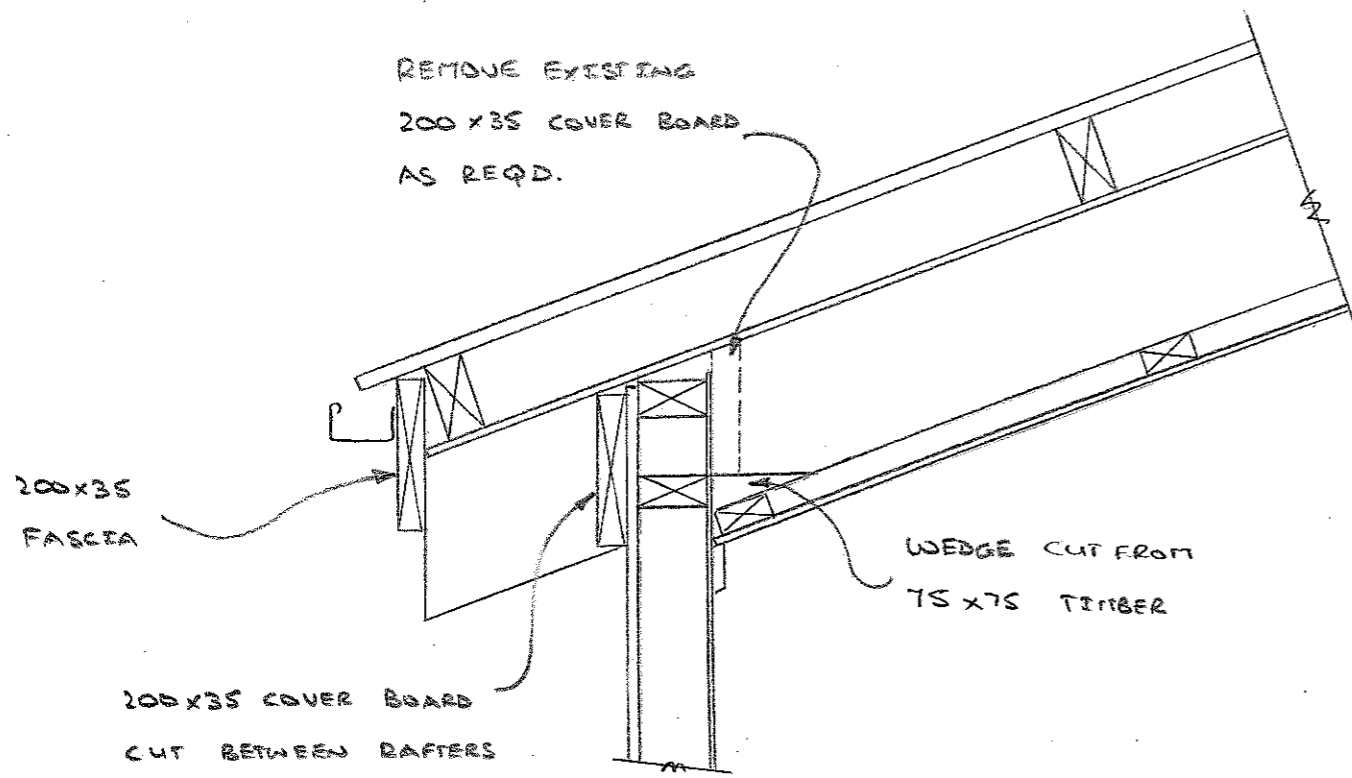
BASE FLASHING DETAIL 1:2

MATERIAL:
 COLORSTEEL ENDURA
 O.SS BMT
 POWDERCOAT FINISH:

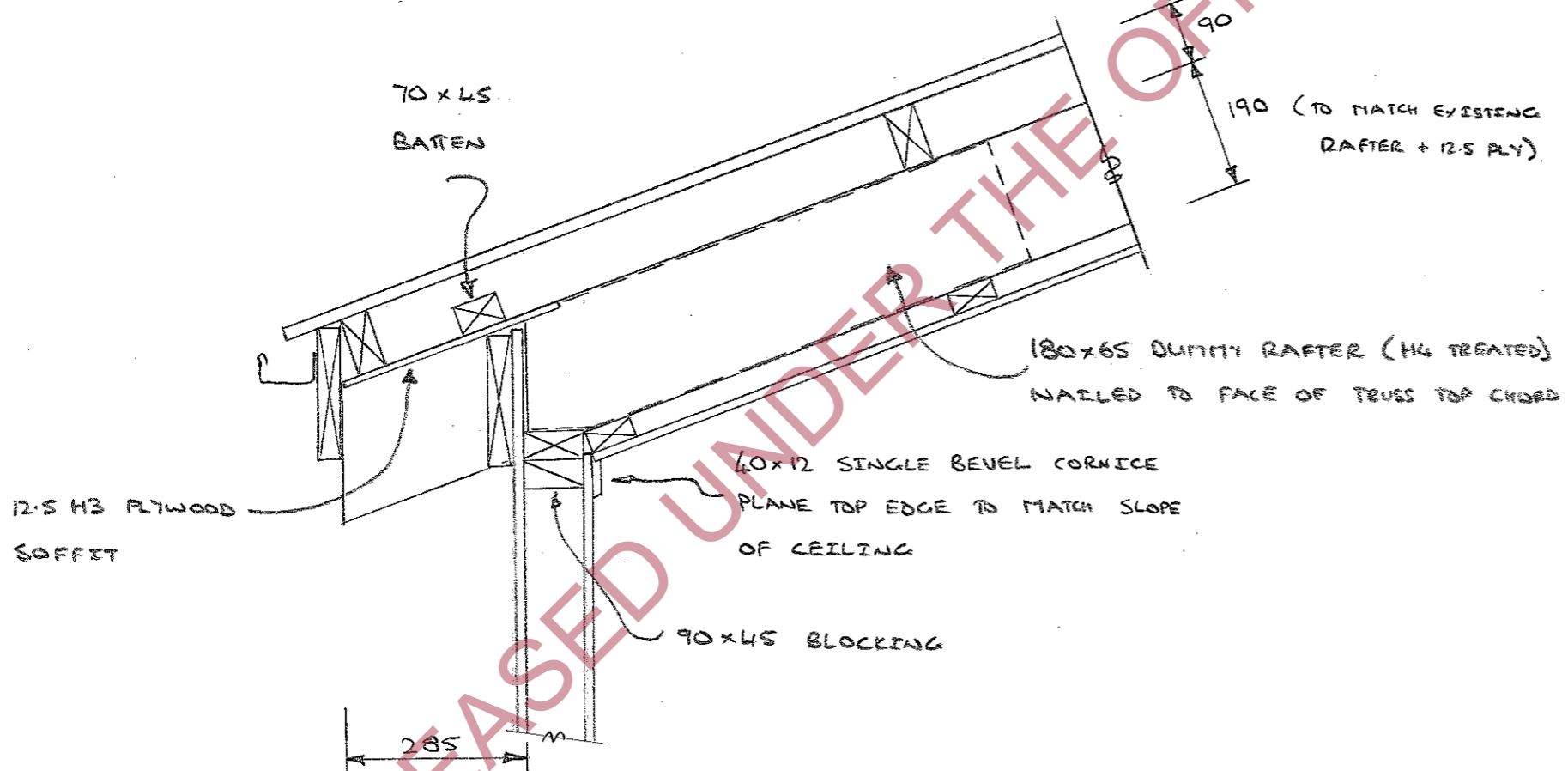
PRYDA/LUMBERLOK 12kN FIXING
 (BRACED PILES ONLY)
 OTHERWISE 4 No LUMBERLOK
 STAINLESS STEEL CT160 CLEATS
 (8 NAILS/CLEAT).

150x35 BASEBOARDS
 50mm GAP

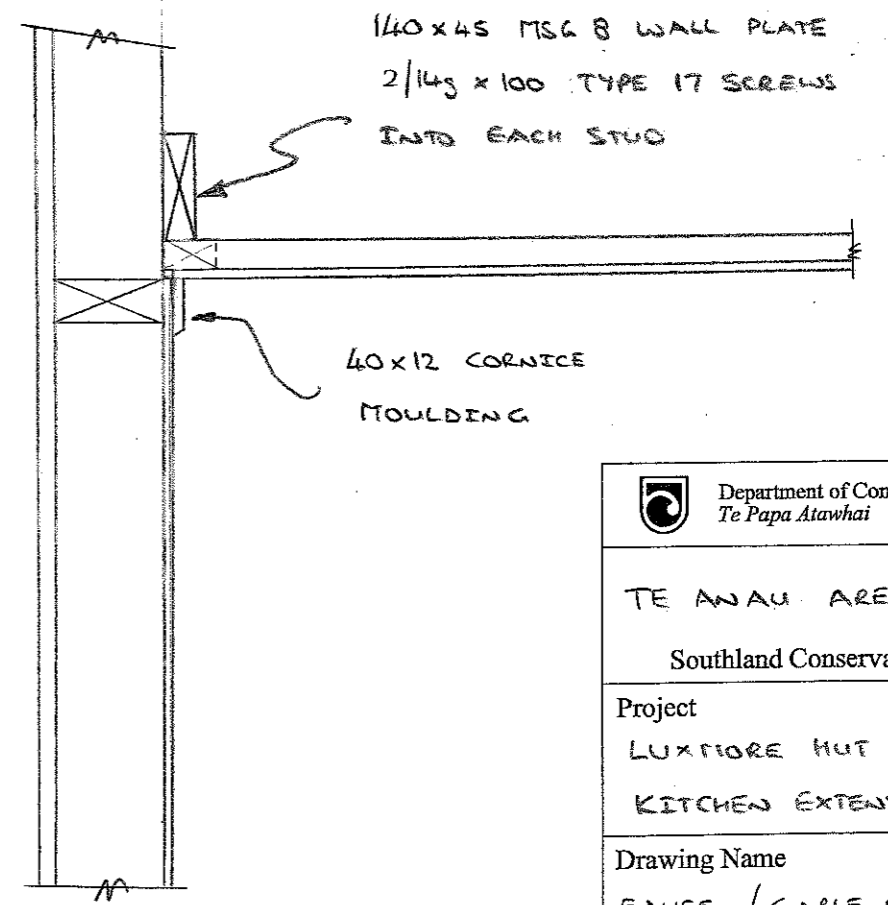
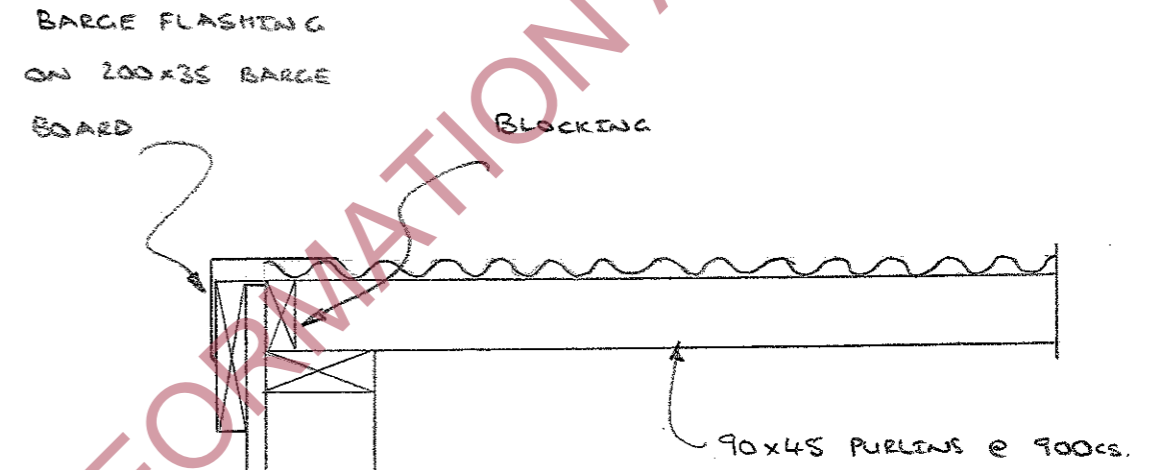
TE ANAU AREA Southland Conservancy		
Project LUXMORE HUT KITCHEN EXTENSION		
Drawing Name WALL BASE DETAILS		
Scale	Date	Approved
Shown	10/1/11	Tim Cross
Site No.	Asset No.	Drawing No.
412	46873	10



EAVES DETAIL
EXISTING CONSTRUCTION 1:10

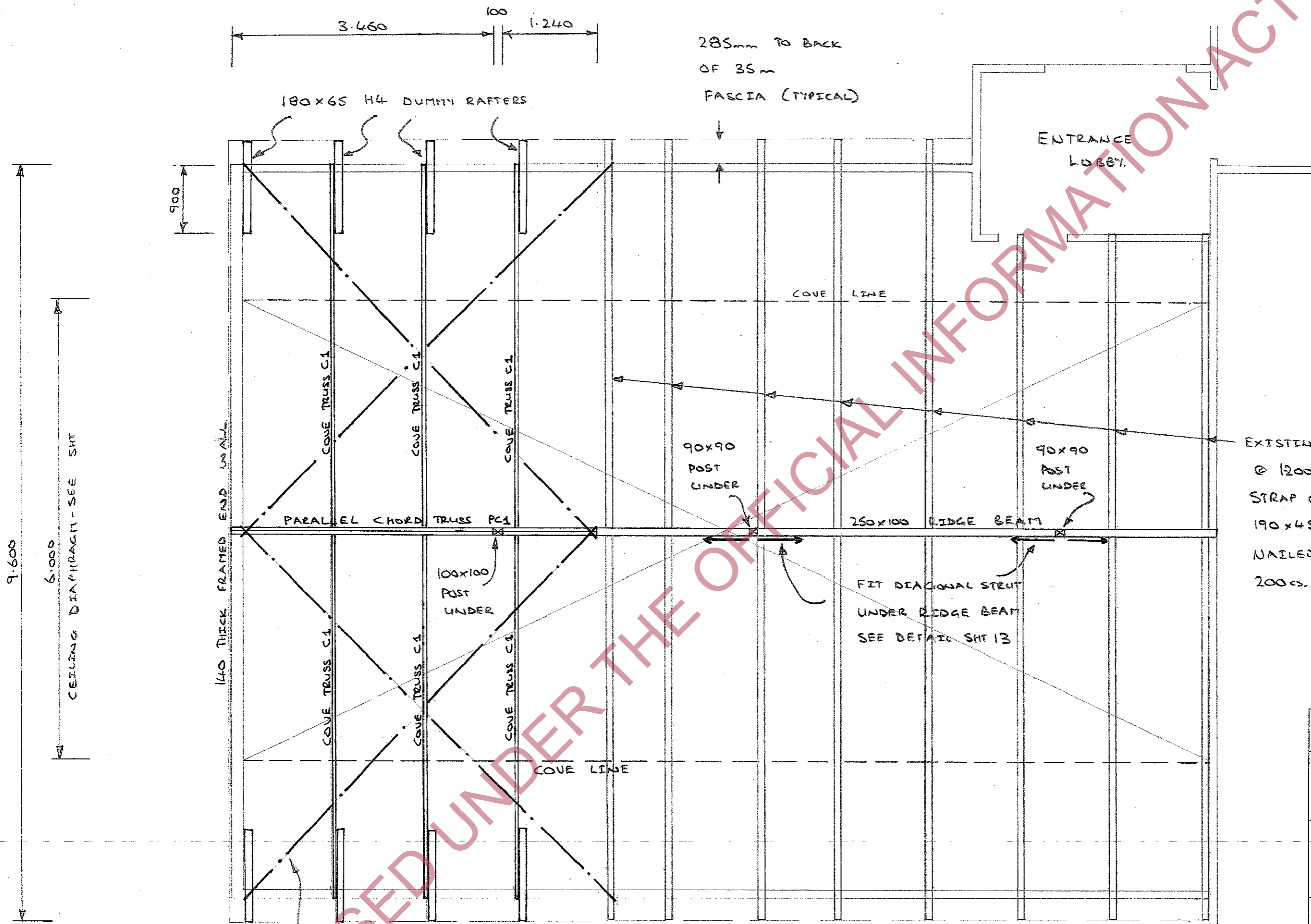


EAVES DETAIL AT HUT EXTENSION 1:10



GABLE END DETAIL 1:10

TE ANAU AREA Southland Conservancy		
Project LUXMORE HUT KITCHEN EXTENSION.		
Drawing Name EAVES / GABLE END DETAILS.		
Scale	Date	Approved
Shown	13/1/11	
Site No.	Asset No.	Drawing No.
412	46873	11



50x0.8 GALVANISED STRAPPING OVER PURLINS - 10 NAILS EACH END & 3 AT EACH PURLIN

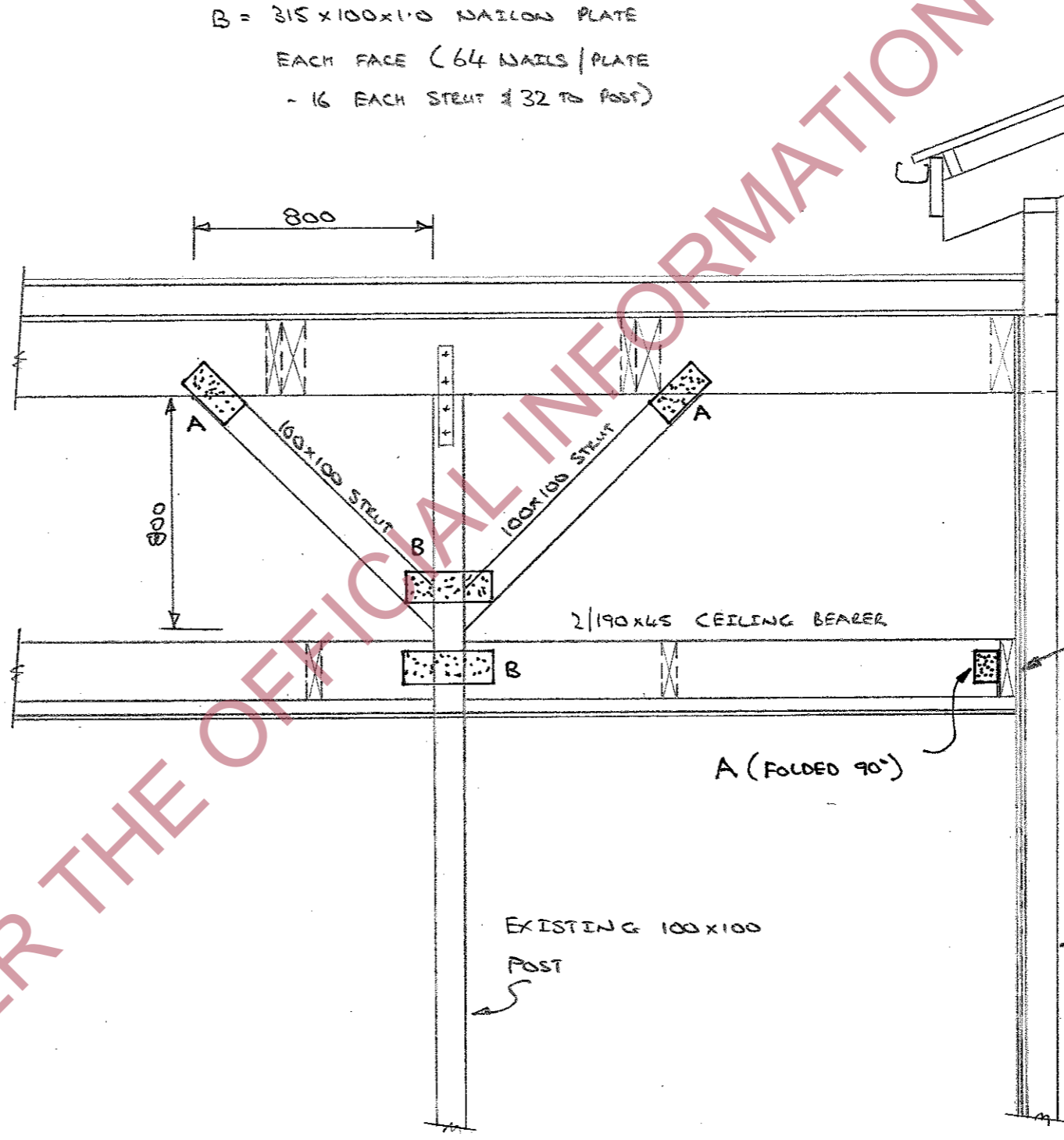
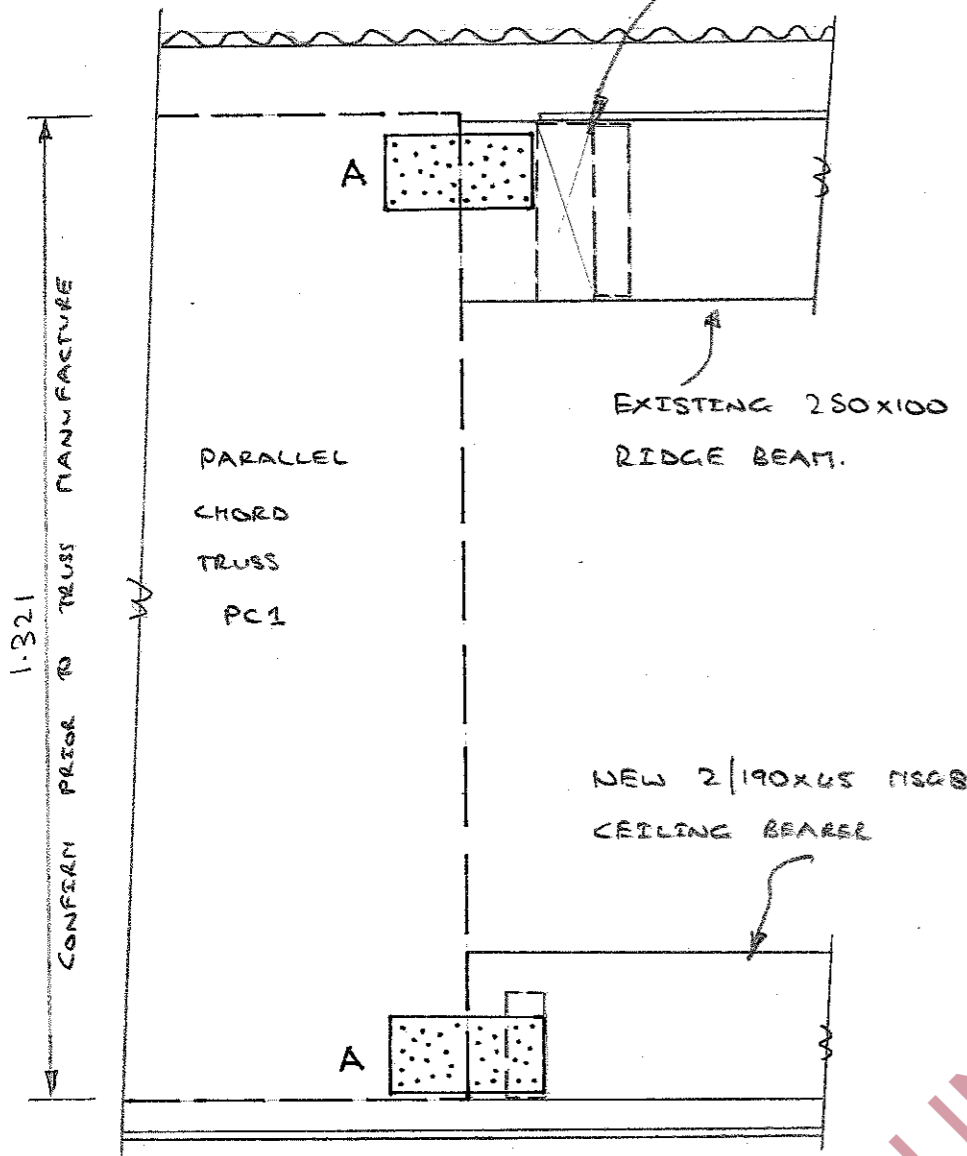
ROOF FRAMING PLAN 1:50

TE ANAU AREA Southland Conservancy		
Project LUXMORE HUT KITCHEN EXTENSION		
Drawing Name ROOF FRAMING PLAN		
Scale	Date	Approved
1:50	10/1/11	Tim Cass
Site No.	Asset No.	Drawing No.
412	46873	12

A = 190 x 100 x 1.0 NAILON PLATE
EACH FACE (32 NAILS / PLATE)

B = 315 x 100 x 1.0 NAILON PLATE
EACH FACE (64 NAILS / PLATE
- 16 EACH STUD & 32 TO POST)

180 x 65 RAFTER
WITH 190 x 45 MSR B
STRAPPING 1 SIDE



190 x 45 MSR B PLATE
FIXED TO FACE OF WALL
3/14g x 125 TYPE 17
SCREWS EACH STUD.

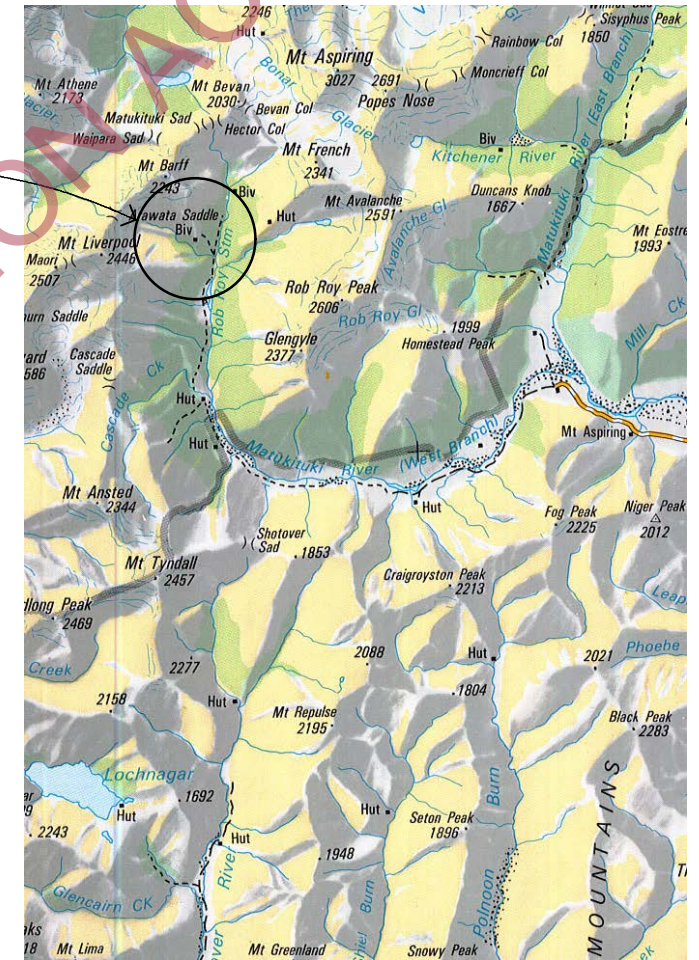
EXISTING 30/30/30
FIREWALL 1 LAYER
16mm FIBRELINE GIB
BOARD ON KITCHEN
SIDE OF WALL.

TE ANAU AREA		
Southland Conservancy		
Project		
LUXMORE HUT KITCHEN EXTENSION		
Drawing Name		
ROOF FRAMING DETAILS		
Scale	Date	Approved
Shown	10/1/11	Tim Cass
Site No.	Asset No.	Drawing No.
412	46873	13

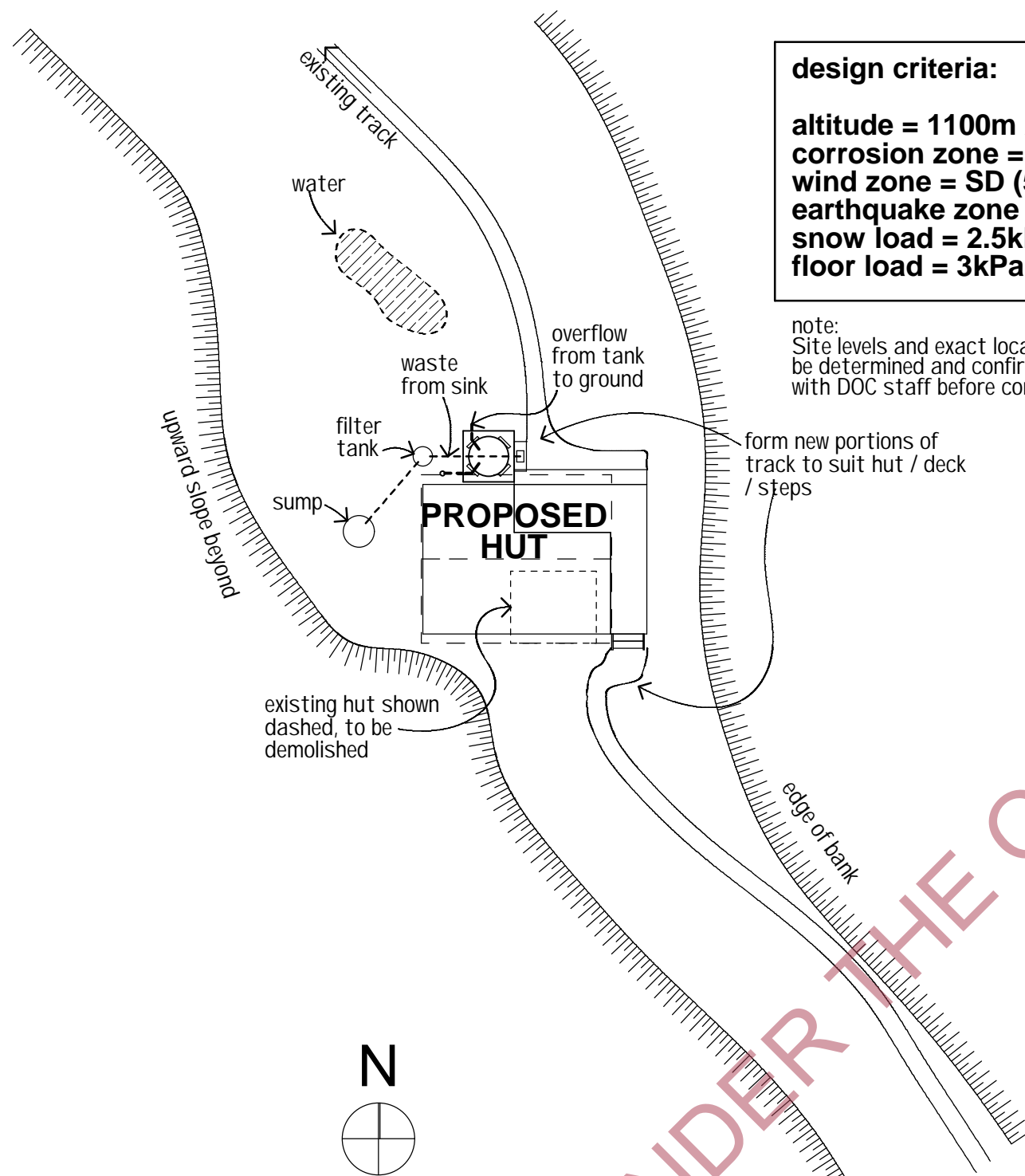
BEAM FIXINGS TO TRUSS PC1 1:10

RIDGE BEAM STRENGTHENING DETAIL 1:20

RELEASED UNDER THE OFFICIAL INFORMATION ACT

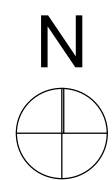


Location Plan N.T.S.



design criteria:
 altitude = 1100m ASL
 corrosion zone = 3
 wind zone = SD (55.05 m/s)
 earthquake zone = B
 snow load = 2.5kPa
 floor load = 3kPa

note:
 Site levels and exact location of hut to be determined and confirmed on site with DOC staff before construction.



Site Plan scale 1:200

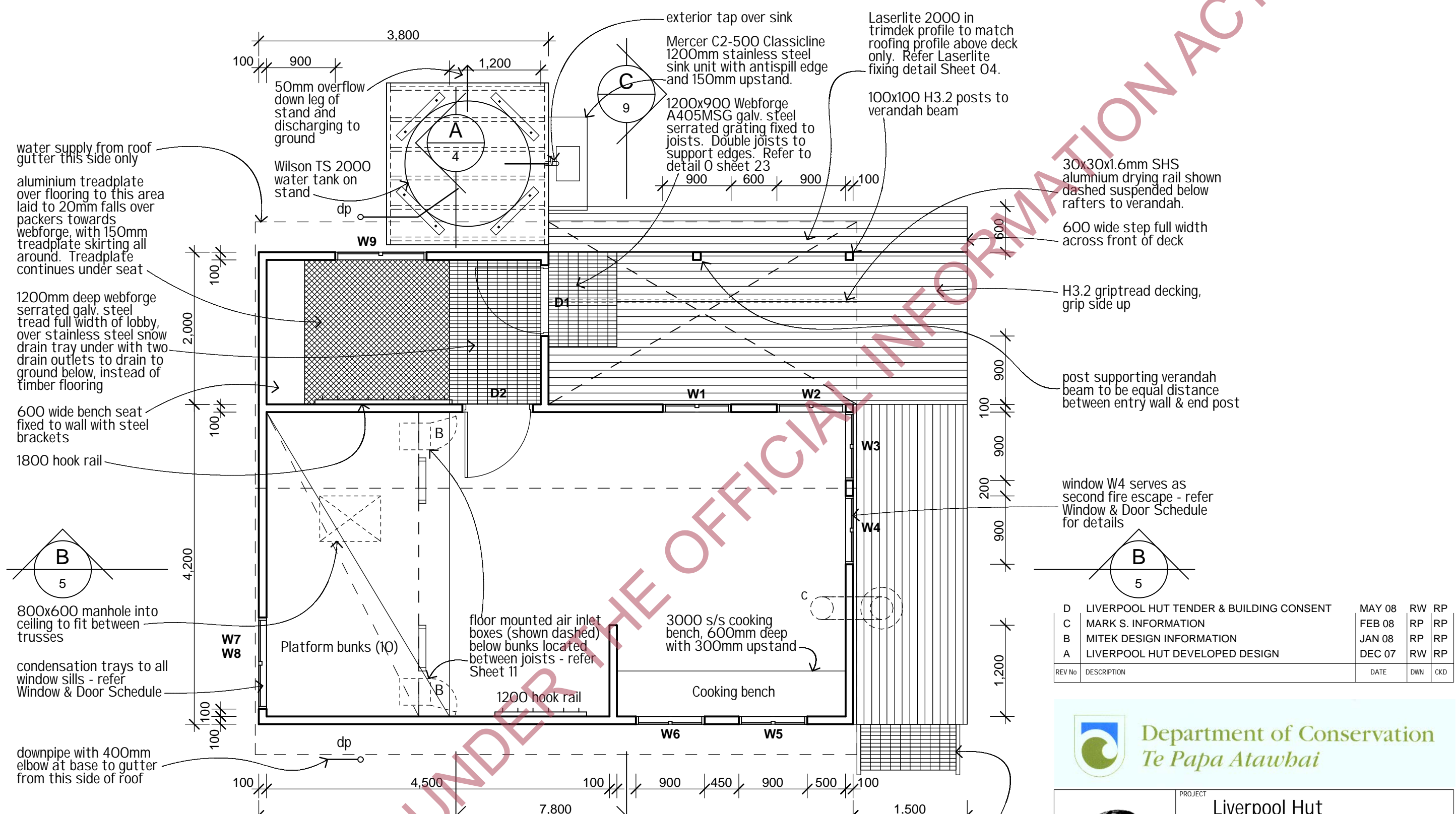
C	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
B	MARK S. INFORMATION	FEB 08	RP	RP
A	LIVERPOOL HUT DEVELOPED DESIGN	DEC 07	RW	RP
REV No	DESCRIPTION	DATE	DWN	CKD



CONTRACTOR SHALL CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION

 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177	PROJECT		Liverpool Hut	
	ADDRESS		Mount Aspiring National Park	
	AREA OFFICE		WANAKA AREA OFFICE	
	SHEET CONTENTS		Site plan	
DESIGN		RP	DRAWN	RW
CHECKED		RP	SCALES	
DATE		Nov 2007	1:200	
PROJECT No.		0743	SHEET No.	
OIR		REVISION		C

RELEASED UNDER THE OFFICIAL INFORMATION ACT



water supply from roof gutter this side only

aluminium treadplate over flooring to this area laid to 20mm falls over packers towards webforge, with 150mm treadplate skirting all around. Treadplate continues under seat

1200mm deep webforge serrated galv. steel tread full width of lobby, over stainless steel snow drain tray under with two drain outlets to drain to ground below, instead of timber flooring

600 wide bench seat fixed to wall with steel brackets

1800 hook rail

800x600 manhole into ceiling to fit between trusses

condensation trays to all window sills - refer Window & Door Schedule

downpipe with 400mm elbow at base to gutter from this side of roof

3,800

100 900 1,200

50mm overflow down leg of stand and discharging to ground

Wilson TS 2000 water tank on stand

dp

W9

exterior tap over sink

Mercer C2-500 Classicline 1200mm stainless steel sink unit with antispill edge and 150mm upstand.

Laserlite 2000 in trimdek profile to match roofing profile above deck only. Refer Laserlite fixing detail Sheet O4.

100x100 H3.2 posts to verandah beam

1200x900 Webforge A405MSG galv. steel serrated grating fixed to joists. Double joists to support edges. Refer to detail O sheet 23

900 600 900 100

30x30x1.6mm SHS aluminium drying rail shown dashed suspended below rafters to verandah.

600 wide step full width across front of deck

H3.2 griptread decking, grip side up

post supporting verandah beam to be equal distance between entry wall & end post

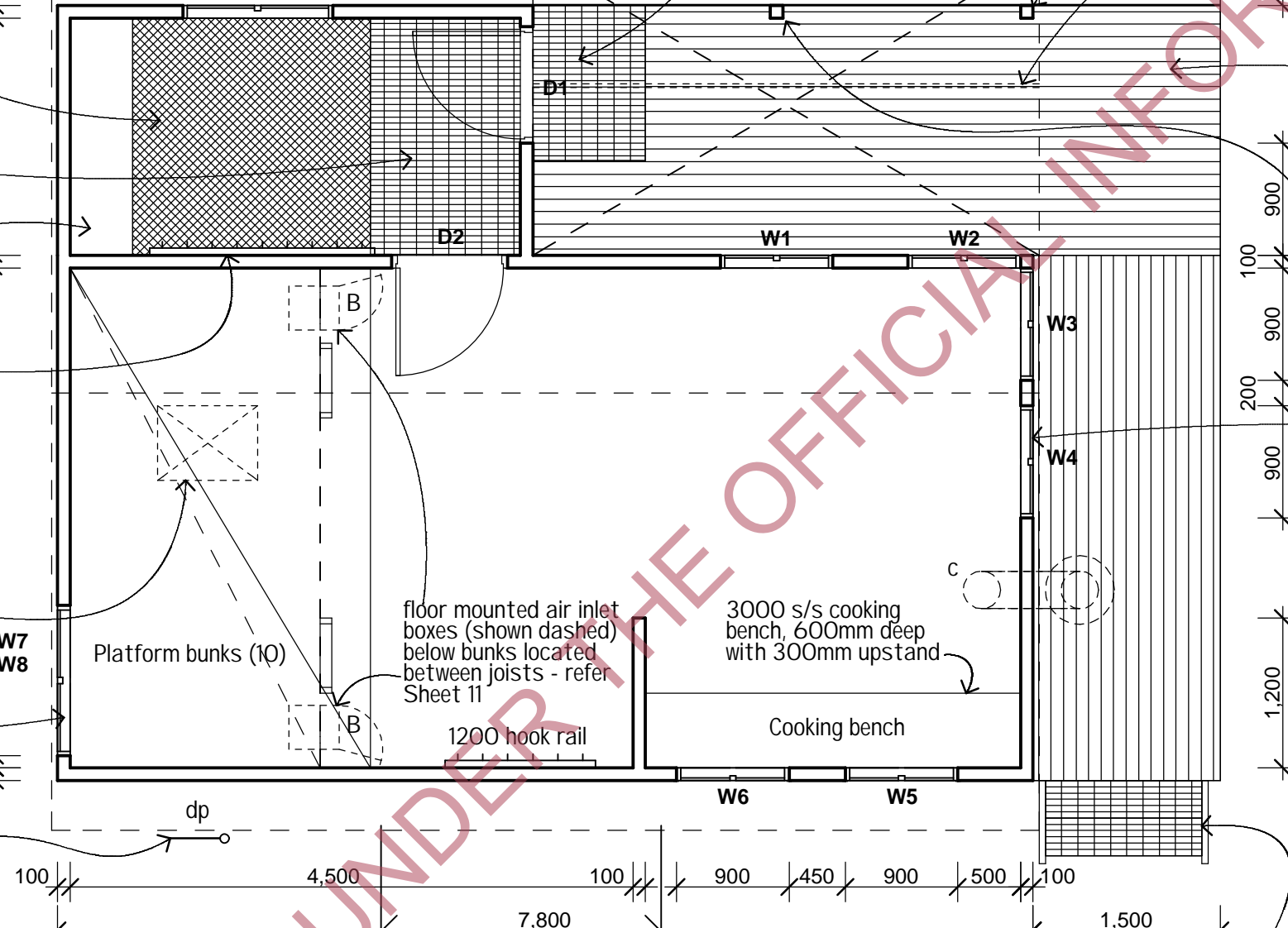
600 wide bench seat fixed to wall with steel brackets

1800 hook rail

800x600 manhole into ceiling to fit between trusses

condensation trays to all window sills - refer Window & Door Schedule

downpipe with 400mm elbow at base to gutter from this side of roof



window W4 serves as second fire escape - refer Window & Door Schedule for details

D	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
C	MARK S. INFORMATION	FEB 08	RP	RP
B	MITEK DESIGN INFORMATION	JAN 08	RP	RP
A	LIVERPOOL HUT DEVELOPED DESIGN	DEC 07	RW	RP
REV No	DESCRIPTION	DATE	DWN	CKD



<p>PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177</p>	PROJECT Liverpool Hut		
	ADDRESS Mount Aspiring National Park		
	AREA OFFICE WANAKA AREA OFFICE		
	SHEET CONTENTS Floor Plan		
DESIGN RP	DRAWN RW	CHECKED RP	SCALES 1:50
DATE Nov 2007	PROJECT No. 0743	SHEET No. 02R	REVISION D

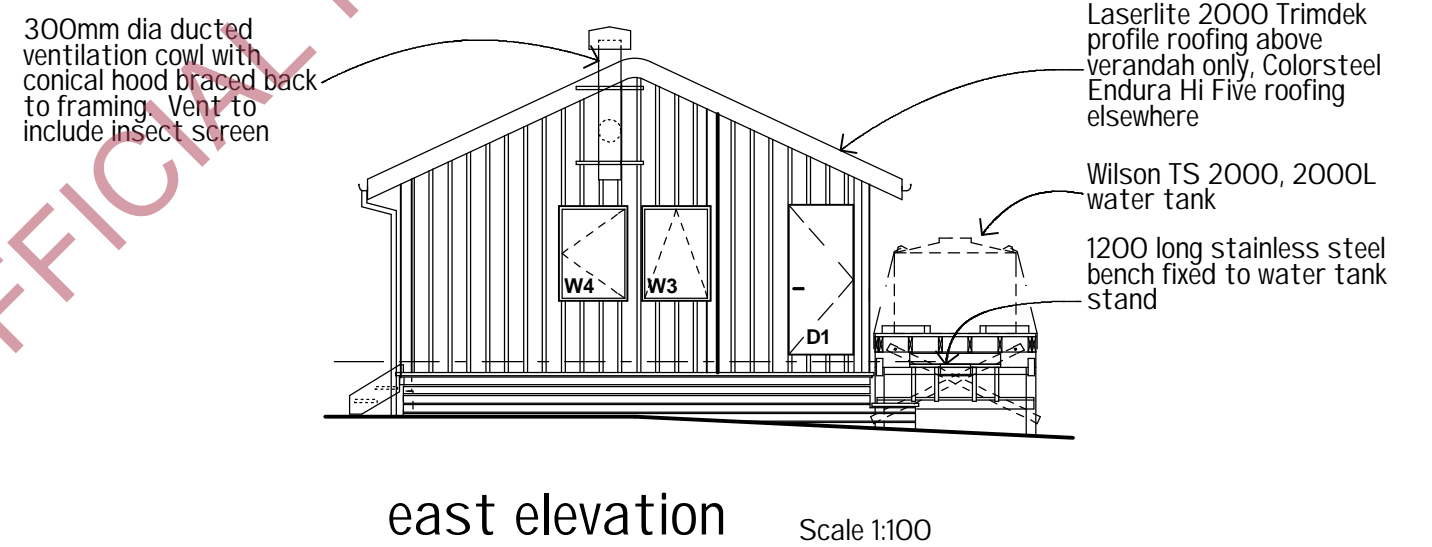
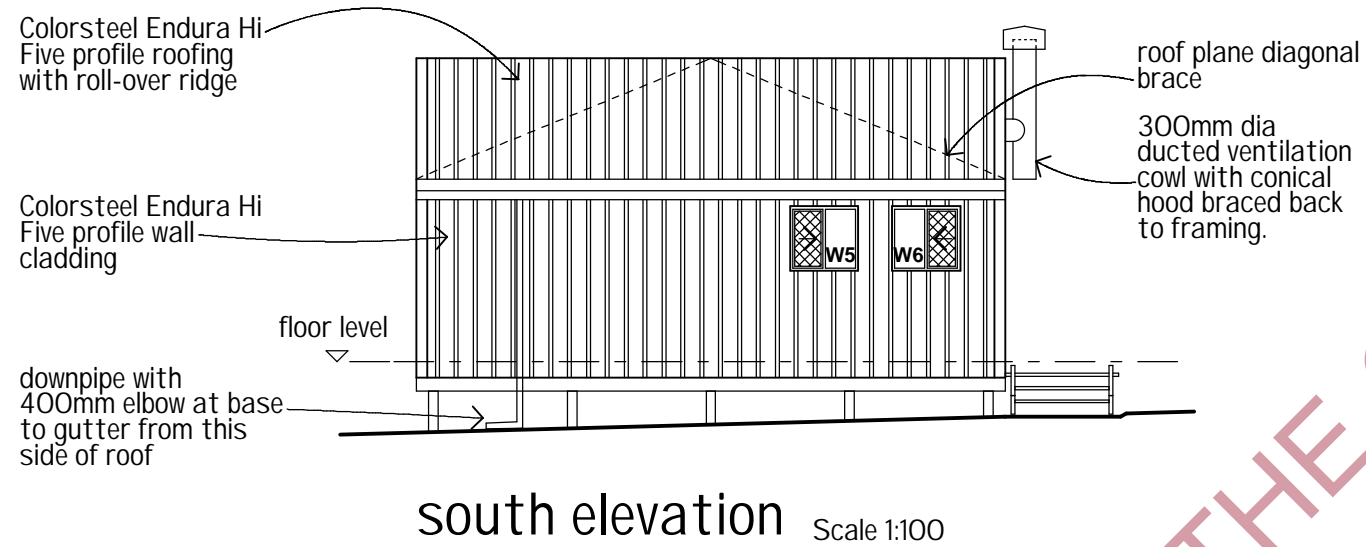
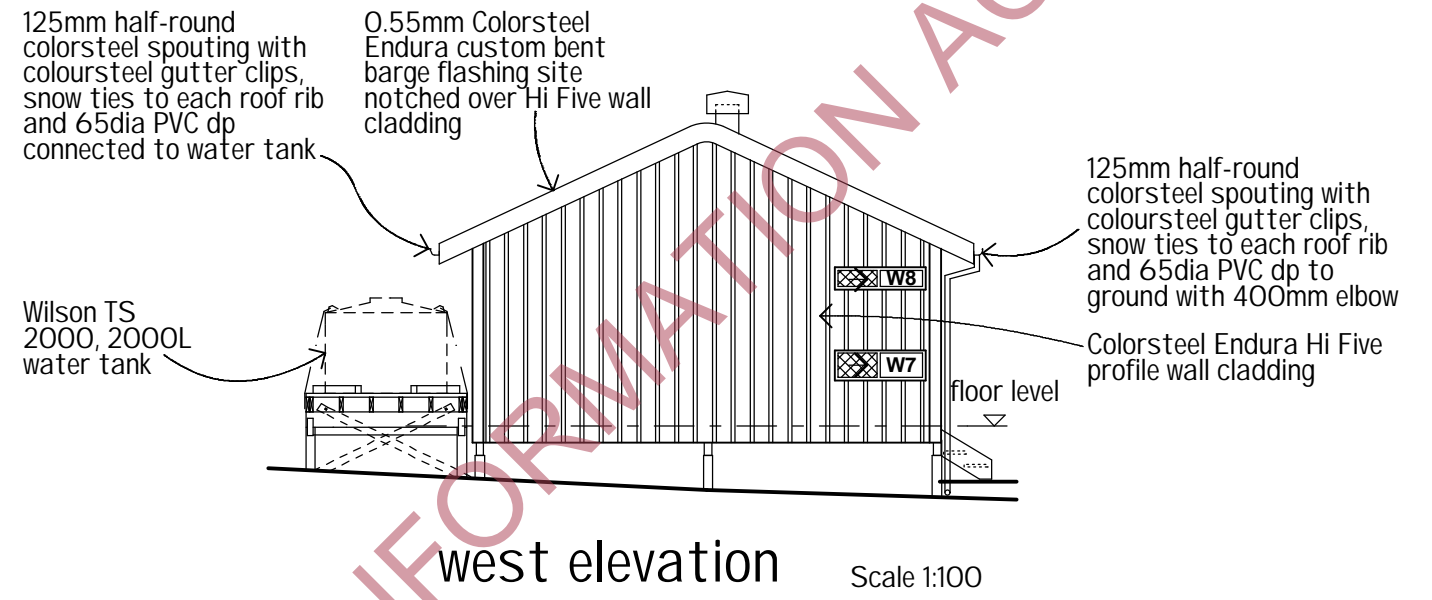
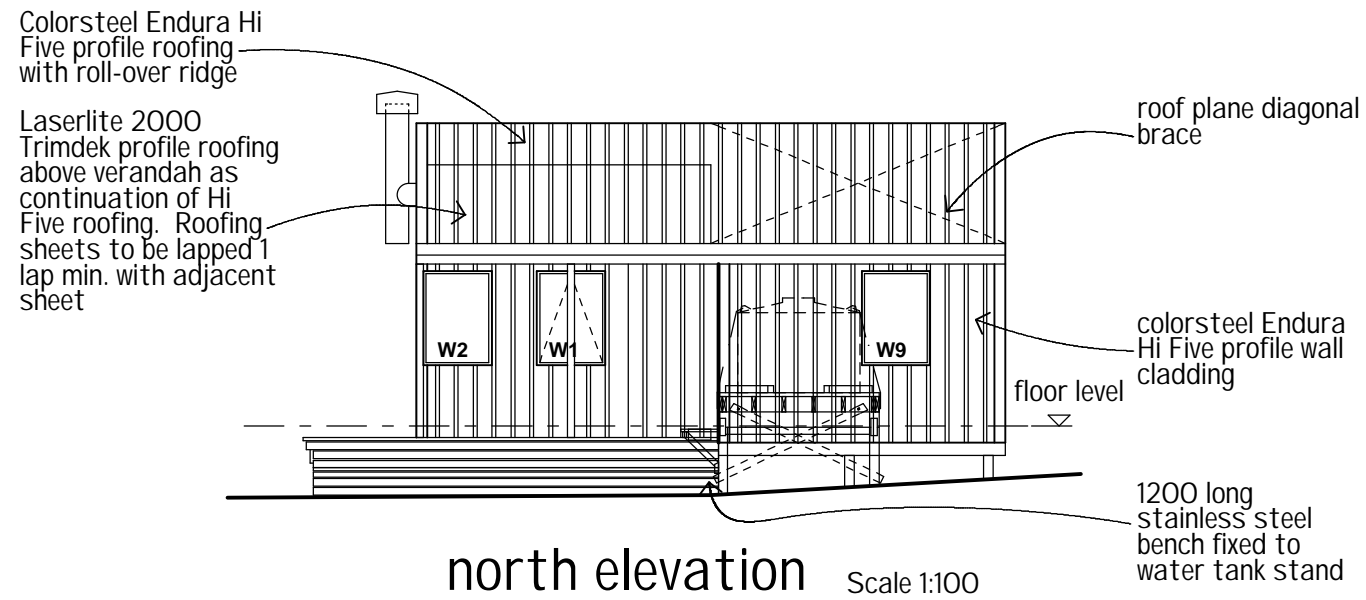
Floor Plan scale 1:50

note:

1. indicates 300mm dia. grille in 400 x 400 plate to ceiling. 300mm dia grille to be connected into ducting in ceiling void and through to ventilation cowl fixed to exterior of hut

indicates location of manually operated floor mounted air inlet box below bunks

CONTRACTOR SHALL CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION



C	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
B	MARK S. INFORMATION	FEB 08	RP	RP
A	LIVERPOOL HUT DEVELOPED DESIGN	DEC 07	RW	RP
REV No	DESCRIPTION	DATE	DWN	CKD



CONTRACTOR SHALL CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION

 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177	PROJECT	Liverpool Hut					
	ADDRESS	Mount Aspiring National Park					
	AREA OFFICE	WANAKA AREA OFFICE					
	SHEET CONTENTS	Elevations	SCALES	1:50			
DESIGN	RP	DRAWN	RW	CHECKED	RP	SHEET No.	REVISION
DATE	Nov 2007	PROJECT No.	0743			CO3R	C

this side of truss to have scab nailing to each truss CTO1 & CTO2 - refer to Mitek truss manufacturer's design information for details

colorsteel Endura Hi Five profile roofing continuous over ridge 500mm radius to ridge, over flames top 660 building paper over 75 x 50 H3.2 VSG 8/MSG 8 purlins @ 900c/c max. Roofing sheets to be lapped 1 rib min. with adjacent sheet

R3.6 Ultra insulation to ceiling space

9mm untreated Ecoply interior wall and ceiling linings over continuous polythene vapour barrier. Tape all joints with 150mm lap

Colorsteel Endura Hi Five profile wall cladding over Tasman Insulation Bitumac 860' building paper. Cladding to be lapped 1 rib min. with adjacent sheet

100 x 50 H3.2 framing, at 400mm crs to side walls two rows of dwangs. Refer to Specification for details of fixings of studs to bottom plates

floor inlet ventilation box each side

Piles 300mm minimum out of ground

100x40mm PG T&G macrocarpa flooring over 150x50 VSG8 H3.2 joists @ 600c/c max.

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colorsteel Endura Hi Five roofing over flamestop 660 building paper over 75 x 50 H3.2 purlins @ 900c/c max.

Mitek trusses - refer Mitek information for details of truss centres
R3.6 Ultra insulation to ceiling space

9mm untreated eco ply grade interior wall and ceiling linings over continuous polythene vapour barrier. Tape all joints with 150mm lap

75x50 plate fixed to gable ends to take ceiling lining

2/100x50 framing @400crs wall framing to gable end walls, four rows dwangs to line up with dwangs and top plate to side walls.

Colorsteel Endura Hi Five profile wall cladding over Tasman Insulation Bitumac 860' building paper. Cladding to be lapped 1 rib min. with adjacent sheet

R2.8 Ultra wall insulation

platform bunk see sheet 45

W1

W2

D2

Refer to Specification for details of stud fixing to top plate and for bottom plate fixings to joists

H3.2 griptread decking over 150 x 50 H3.2 VSG8 joists @ 600c/c max., grip side up

floor level

Piles 300mm minimum out of ground

2/140x45 H3.2 VSG8 bearers under this edge of deck

existing ground level shown dashed - allow to scrape away under centre of proposed hut with falls to edges of hut. Piles to be 300mm min. out of ground level

55mm Expol expanded polystyrene foam underfloor insulation with 6mm Hardiflex with PVC jointers to underside floor joists

Pack recess under 100x40mm PG T&G macrocarpa flooring over 150x50 VSG8 H3.2 joists @ 600c/c max.

2/200x50 H3.2 VSG8 bearers supported on 125 x 125 H5 piles at 2005 c/c, using combination of anchor piles, ordinary piles and Congra Ezi-yaka foundation system. Refer to Foundation Plan (Sheet 6) for details

190x45 H3.2 VSG8 stringer bolted to piles under this wall - LOCATION TBC

floor mounted air inlet boxes - to be supplied by DOC

Section B-B Scale 1:50

C	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
B	MARK S. INFORMATION	FEB 08	RP	RP
A	LIVERPOOL HUT DEVELOPED DESIGN	DEC 07	RW	RP
REV No	DESCRIPTION	DATE	DWN	CKD



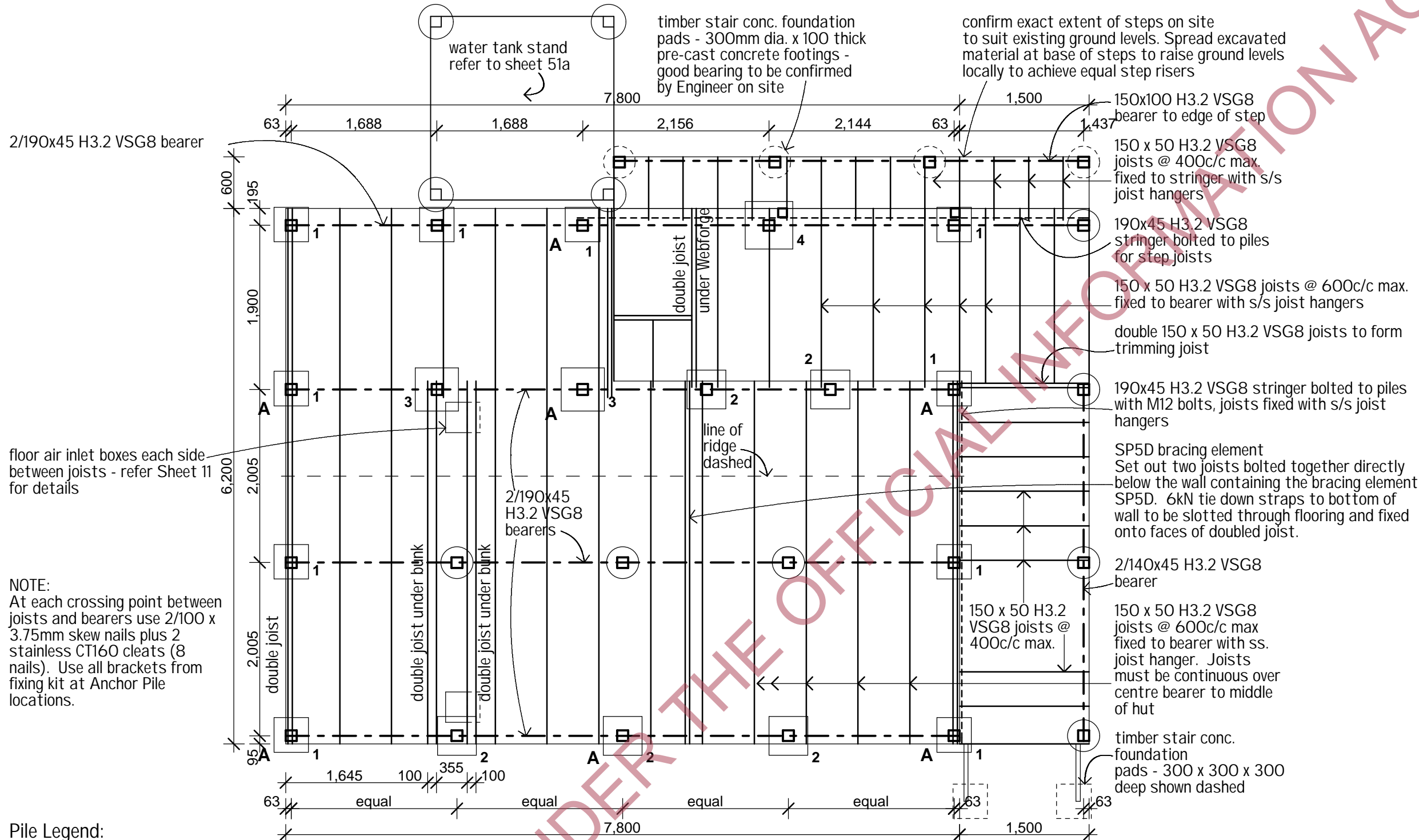
Department of Conservation
Te Papa Atawhai

CONTRACTOR SHALL CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION



PYNENBURG & COLLINS
ARCHITECTS LTD
Capiche House
111 Dixon St
P.O. Box 2115
Wellington 1
Phone: 0-4-473 7577
Fax: 0-4-384 5177

PROJECT		Liverpool Hut	
ADDRESS		Mount Aspiring National Park	
AREA OFFICE		WANAKA AREA OFFICE	
SHEET CONTENTS		Section B-B	
SCALES		1:50	
DESIGN	RP	DRAWN	RW
CHECKED	RP	SHEET No. C05R	
REVISION	C	PROJECT No. 0743	
DATE	Nov 2007		



NOTE:
At each crossing point between joists and bearers use 2/100 x 3.75mm skew nails plus 2 stainless CT160 cleats (8 nails). Use all brackets from fixing kit at Anchor Pile locations.

Pile Legend:

- 1. All piles to be 125 x 125 H5 @ equal c/c over dimensions shown. Footings as per legend
- 2. **A** denotes Anchor Pile as per NZS 3604, with Lumberlok high corrosion 12kN pile-bearer fixing
- 3. 370mm dia. Ezi-yaka pad, 600mm deep
- 4. Pile footing to be 400x400x900mm deep concrete
- 5. Pile footing to be 450x450x900mm deep concrete
- 6. Pile footing to be 500x500x900mm deep concrete
- 7. Pile footing to be 550x550x900mm deep concrete
- 8. 370mm dia. 100mm thick pre-cast concrete pad

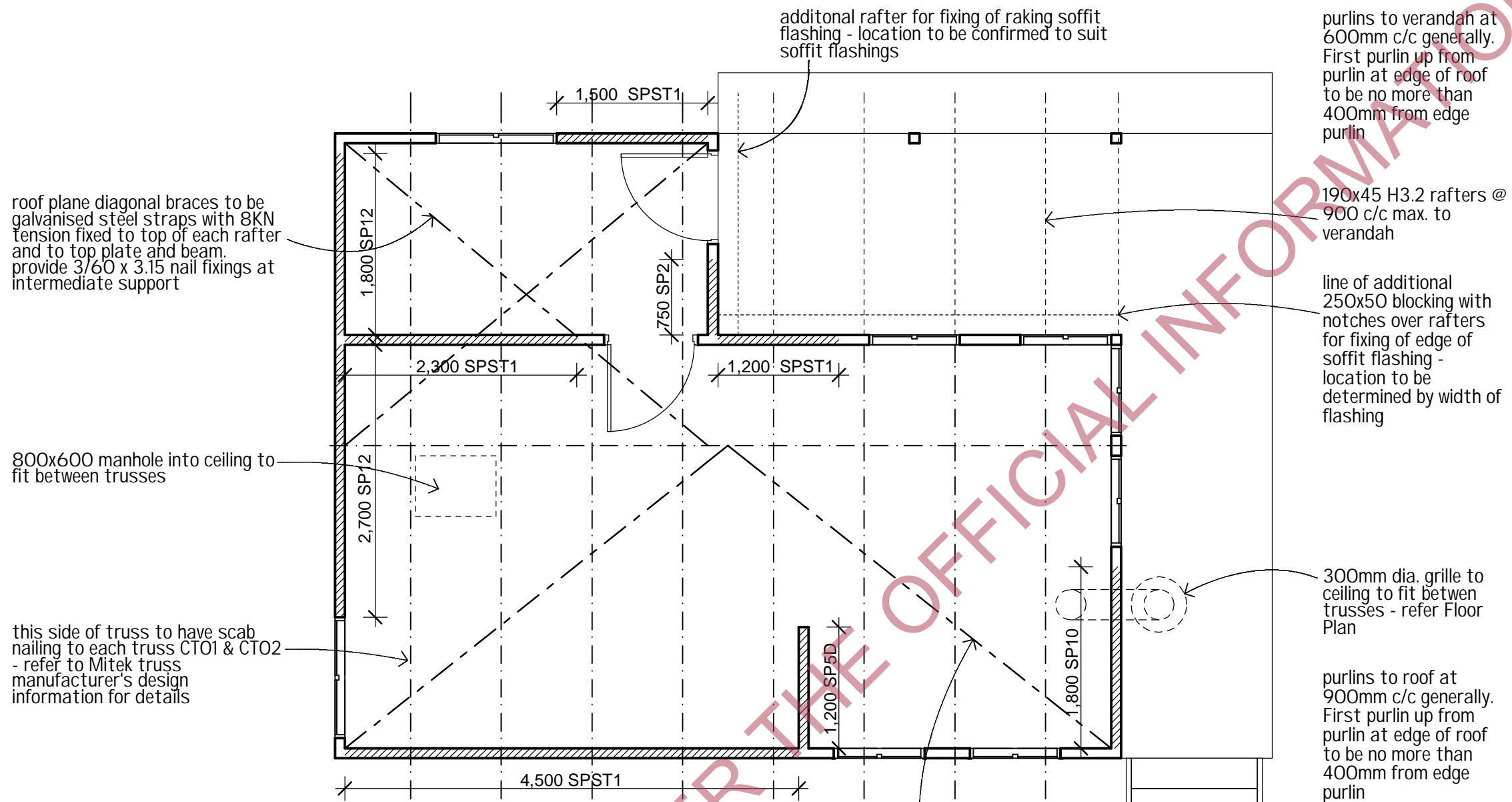
Foundation Plan Scale 1:50
read in conjunction with floor plan

REV No	DESCRIPTION	DATE	DWN	CKD
B	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
A	LIVERPOOL HUT DEVELOPED DESIGN	DEC 07	RW	RP



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 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177	PROJECT	Liverpool Hut							
	ADDRESS	Mount Aspiring National Park							
	AREA OFFICE	WANAKA AREA OFFICE							
	SHEET CONTENTS	Foundation Plan	SCALES	1:50					
DESIGN	RP	DRAWN	RW	CHECKED	RP	SHEET No.	06R	REVISION	B
DATE	Nov 2007		PROJECT No.	0743					



Bracing Plan Scale 1:50

NOTE:

1. Connection of top plate and bottom plate to wall framing on the longitudinal walls (east-west) to be SBS400 sheet brace strap (25x1.0 400mm long strap) looped over plate and fixed to each outside face of stud with 4 nails each end. Strap detail required every second stud (800mm c/c max.), adjacent to truss positions, at both the top and bottom of the wall. All other connections between top plates and walls to be in accordance with NZS3604:1999. Connect bottom plate directly to floor joists on longitudinal walls using 2 14g x 100 Type 17 screws at 600mm c/c max. directly into each joist. Requirements for fixing of bracing elements are additional to these fixings. Connection of top plate to studs on the transverse walls (north-south) to be 1 U-nail every stud (400mm c/c max.).
2. Ecoply wall bracing elements shown. Refer to Engineer's calculations and manufacturer's literature in Specification for bracing types, length, height and connections.

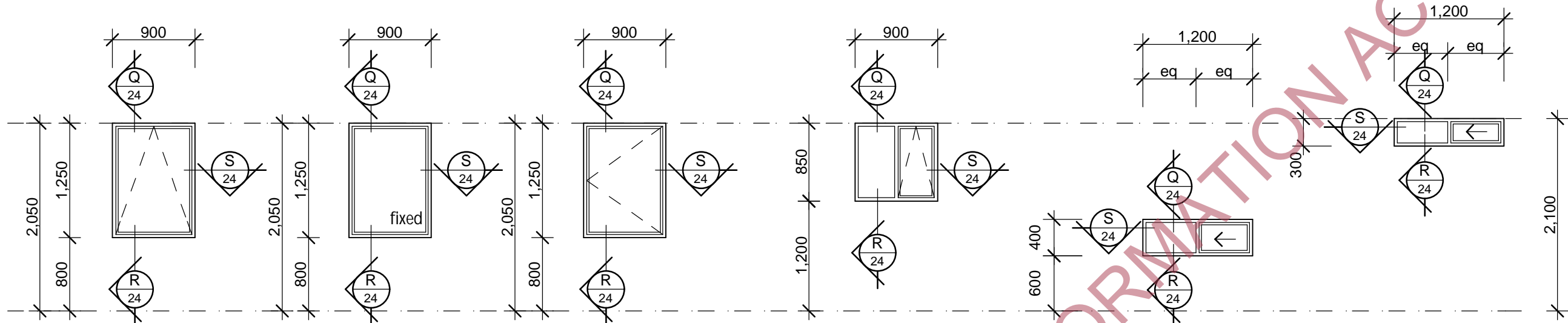
roof plane diagonal braces to be galvanised steel straps with 8KN tension fixed to top of each rafter and to top plate and beam. provide 3/60 x 3.15 nail fixings at intermediate support

B	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
A	LIVERPOOL HUT DEVELOPED DESIGN	DEC 07	RW	RP
REV No	DESCRIPTION	DATE	DWN	CKD



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		ADDRESS Mount Aspiring National Park	
AREA OFFICE WANAKA AREA OFFICE		SCALES	
SHEET CONTENTS Bracing Plan		SHEET No. REVISION 07R B	
DESIGN RP	DRAWN RW	CHECKED RP	PROJECT No. 0743
DATE Nov 2007			



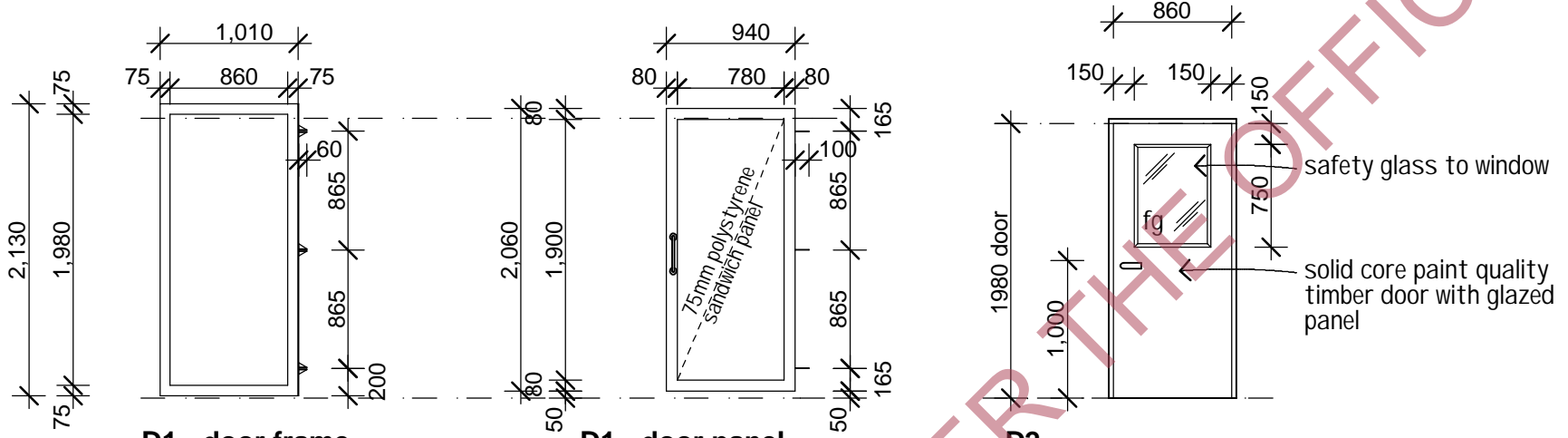
W1 & W3 **W2 & W9** **W4** **W5, W6 handed** **W7** **W8**
 - Bondlite laminated glass - Bondlite laminated glass

note:

Fire escape window, Bondlite laminated glass. W4 is not to be fitted with a restrictor stay

- Windows W1- W9 to be "Nu-Look" Millenium suite, 45mm profile, powder coated, thermally broken and double glazed units, with sliding panel or hinged openings as shown. Openings to windows W1, W3, W5 & W6 to have openings restricted to 200mm max.
- All reveals are to be H3.2 treated, ready to receive architraves
- 30mm wide x 12mm high aluminium formed channel with ends closed, adhesive fixed to window sill after installation of windows with silicone between face of aluminium joinery and aluminium channel. Powder coat aluminium to match window joinery.

Window Schedule Scale 1:50 Refer to sheet 24 for typical installation details



D1 - door frame

-door support frame fabricated from 125x75x8.0mm galvanised MS steel angles fixed to solid timber blocking along head and jambs with M8 coach screws at 200mm c/c
 -Refer to sheet 2 for hanging

D1 - door panel

-door frame fabricated from 80x80x8.0mm galvanised MS steel angles fixed to 75mm thick polystyrene sandwich panel, paint finish
 -door securing mechanism is fitted to hut framing. Fit 'D' pull handles to each side of door panel

D2

-solid core paint quality timber door with glazed panel in size as shown - glass to be safety glass
 -Lockwood 3500 series Commercial grade heavy duty latches with lever handle. Refer Specification for all details of door fittings and furniture
 -Refer to sheet 2 for hanging

Fire Exit sign
 fix a sign to the wall above window W4 to read:
 'Fire Exit - Do not open unless in the event of an emergency'


Door Schedule

Scale 1:50

B	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
A	LIVERPOOL HUT DEVELOPED DESIGN	DEC 07	RW	RP
REV No	DESCRIPTION	DATE	DWN	CKD



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 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177		PROJECT Liverpool Hut	
		ADDRESS Mount Aspiring National Park	
AREA OFFICE WANAKA AREA OFFICE		SCALES	
SHEET CONTENTS Window & Door Schedule		SHEET No. 08	
DESIGN RP	DRAWN RW	CHECKED RP	REVISION B
DATE Nov 2007		PROJECT No. 0743	

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Fire Exit sign
- refer Window Schedule
(sheet 8)

Alsynite Laserlite 2000
Trimdek profile roofing above
verandah over 190x45 H3.2
@ 900mm c/c, with 75x50
H3.2 purlins @ 600mm c/c.
Roofing sheets to be lapped
1 rib min. with adjacent
sheet - refer Alsynite detail

2/140x45 VSG8 H3.2
verandah beam

100 x 100 H3.2 posts.

30x30x1.6mm SHS
aluminium drying rail
suspended with
500x30x6mm alum. flat bar
@ 900 c/c to suit rafter
spacing.

H3.2 griptread decking over
150 x 50 H3.2 VSG8 joists
@ 600 c/c max., grip side up

jack stud framing to
support vertical face of
steps

ss. joist hanger to support
deck joists

existing ground level shown dashed -
allow to scrape away under centre of
proposed hut with falls to edges of hut.
Piles to be 300mm min. out of ground
level

wall framing full height to
top of truss

colorsteel Endura Hi Five
profile roofing continuous over
ridge 500mm radius to ridge, over
flamestop 660 building paper over
75 x 50 H3.2 VSG 8/MSG 8
purlins @ 900c/c max. Roofing
sheets to be lapped 1 rib min. with
adjacent sheet

Mitek H1.2 truncated trusses at
900mm c/c max. with scabbed
ply to one side - refer to Mitek
design details.

R3.6 Ultra insulation to
ceiling space

9mm untreated Ecoply
interior wall and ceiling
linings over continuous
polythene vapour barrier.
Tape all joints with 150mm
lap

Colorsteel Endura Hi Five
profile wall cladding over
Tasman Insulation 'Bitumac
860' building paper.
Cladding to be lapped 1 rib
min. with adjacent sheet

100 x 50 H3.2 framing, at
400mm crs to side walls
two rows of dwangs

R2.8 Ultra wall insulation to
external & internal walls

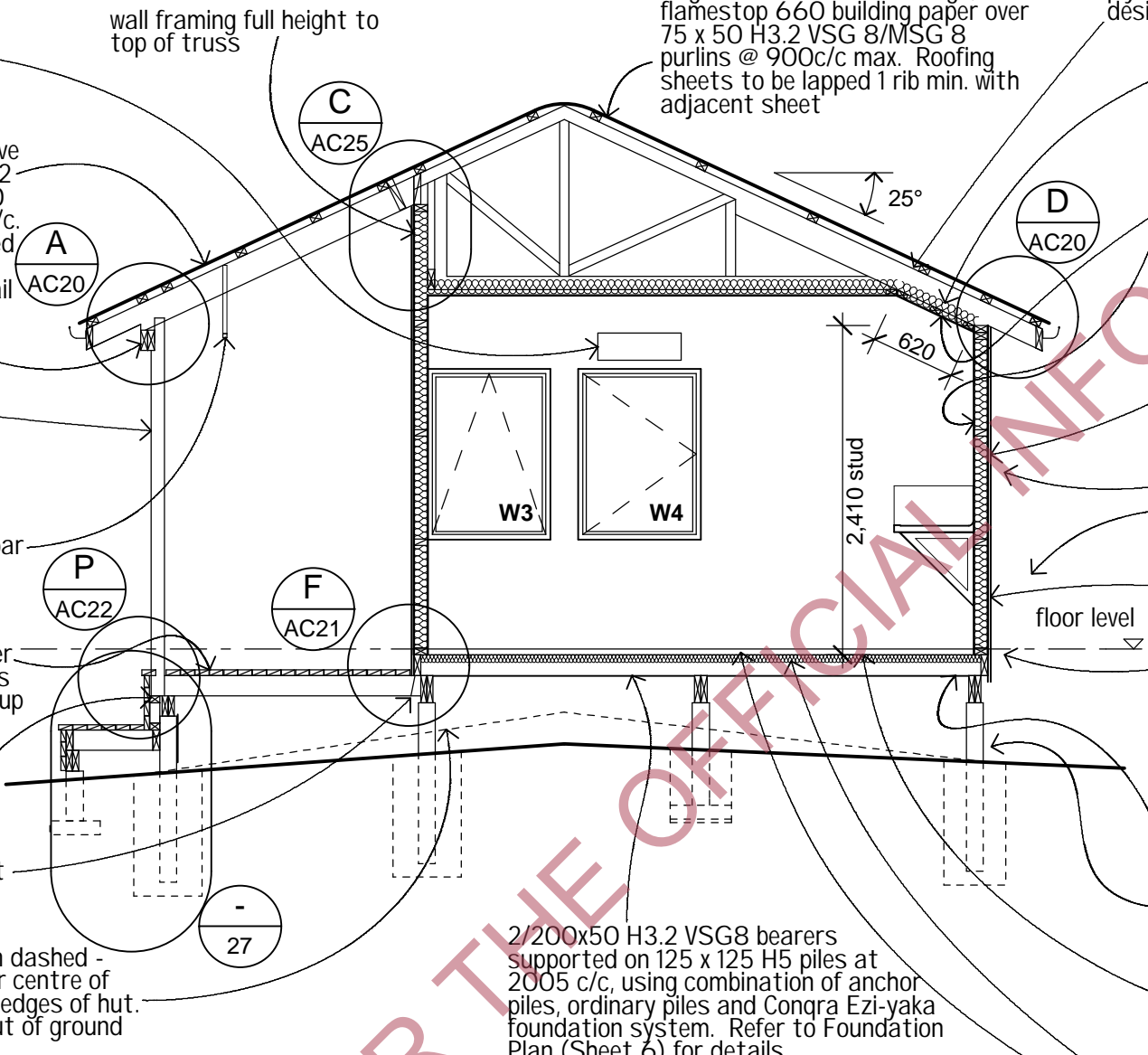
Refer to Specification for
details of stud fixing to top
plate and for bottom plate
fixings to joists

6mm Hardiflex lining with
PVC jointers to underside all
joists to hut

Piles 300mm minimum out
of ground

100x40mm PG T&G
macrocarpa flooring over
150x50 VSG8 H3.2 joists @
600c/c max.

55mm Expol expanded
polystyrene foam
underfloor insulation with
6mm Hardiflex to
underside floor joists




Section C-C Scale 1:50

A	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
REV No	DESCRIPTION	DATE	DWN	CKD



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 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177		PROJECT Liverpool Hut	
		ADDRESS Mount Aspiring National Park	
AREA OFFICE WANAKA AREA OFFICE			
SHEET CONTENTS Section C-C		SCALES 1:50	
DESIGN RP	DRAWN RW	CHECKED RP	SHEET No. 09
DATE Nov 2007	PROJECT No. 0743		REVISION A

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mechanically operated spring loaded shut off damper. Ensure there is 8000mm² of clear space around damper when damper is in the fully closed position to allow for natural ventilation

75x75 galvanised steel angle frame fixed to rear face of studs and fixed to rigid circular duct at junctions with frame (4 points) when ventilation assembly is inserted from the exterior

set ducting on min. fall to exterior to allow for drainage of any spindrift melt

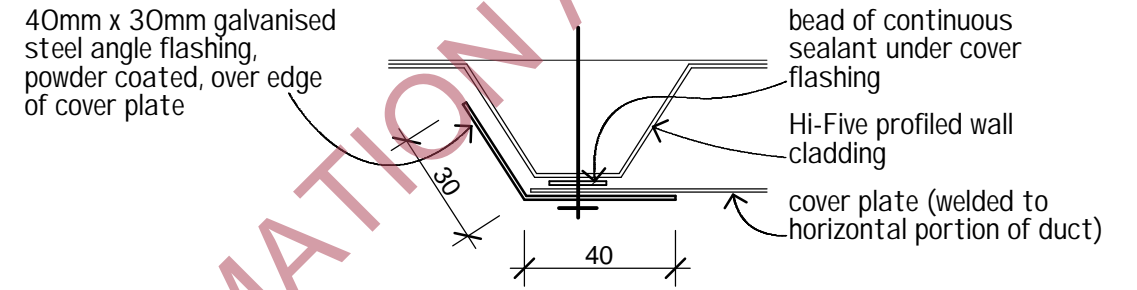
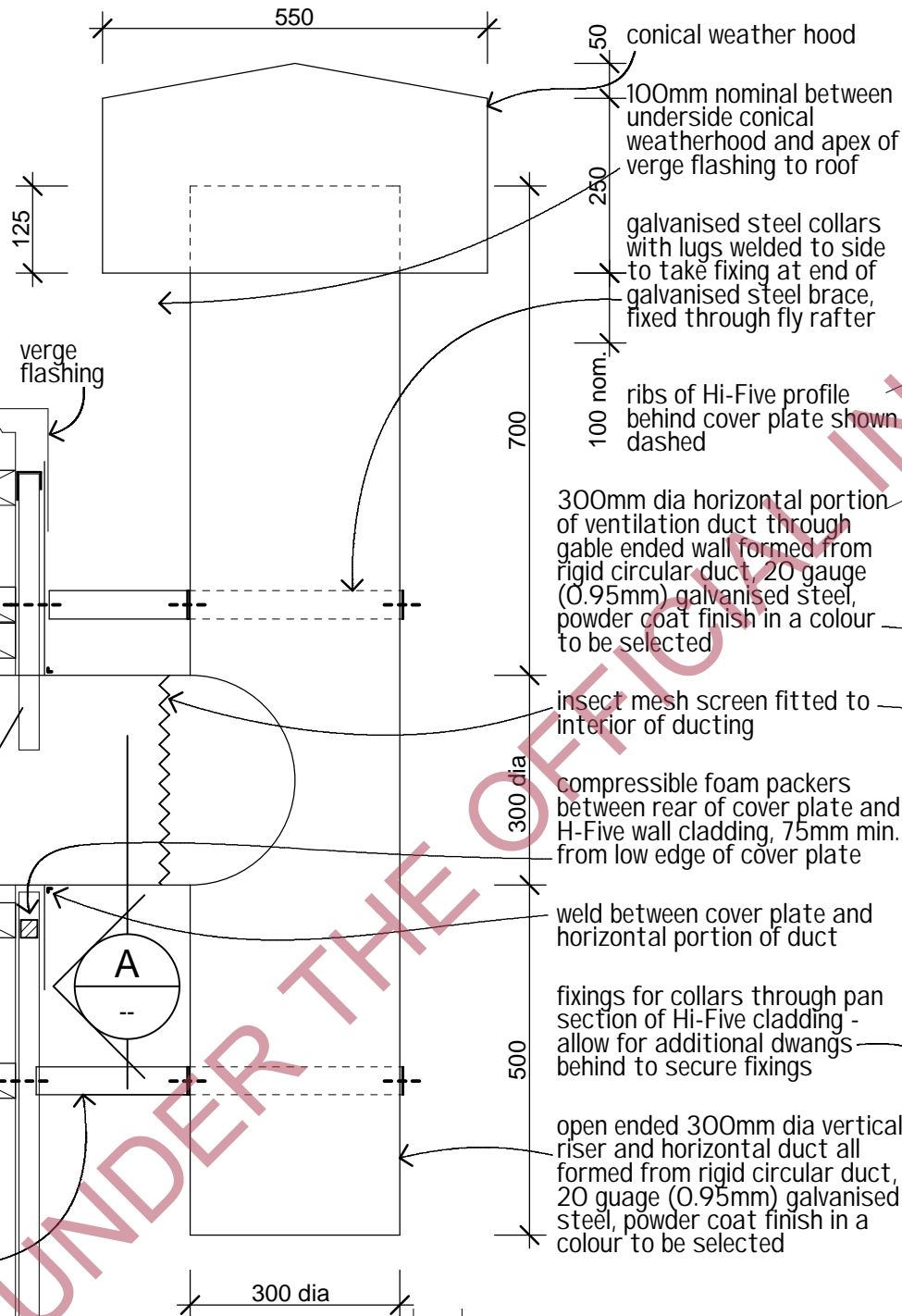
line of first truss. Ventilation ducting to be fully contained between gable wall and first truss as shown. Ducting to have 50mm internal radius to turn ducting down to ceiling vent

rigid circular ducting with elbow connected to end of ventilation cowl unit and fixed to 300mm dia ceiling vent

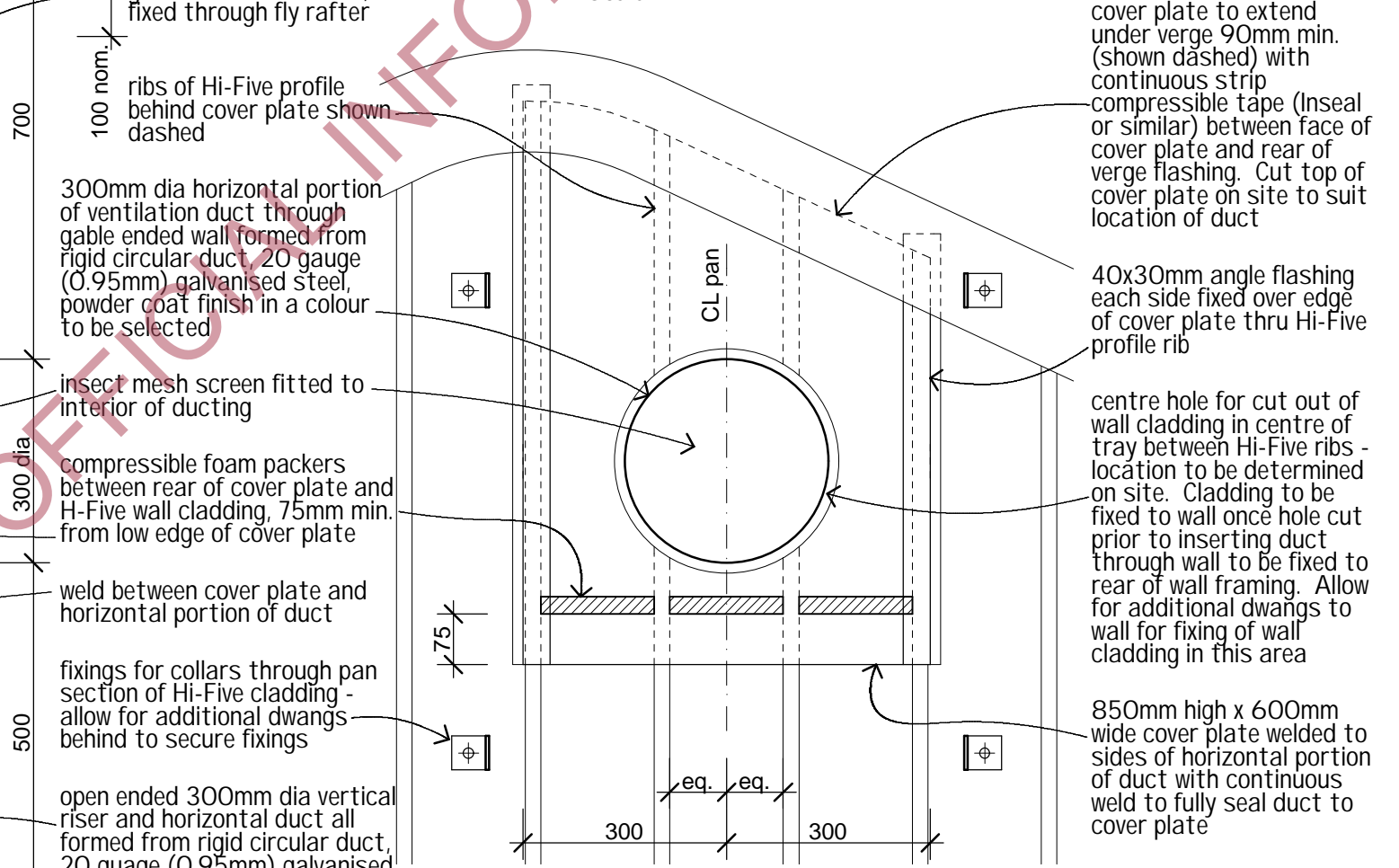
9mm ply ceiling

galvanised steel collar with lugs welded to side to take fixing at end of galvanised steel angle brace, all components powder coated. Angle fixed through pans of Colorsteel Hi-Five cladding into studs / dwangs

WALL OUTLET VENTILATION COWL
Side Elevation
Scale 1:10



FLASHING TO COVER PLATE
Plan
Scale 1:2



SECTION A
Scale 1:10

A	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
REV No	DESCRIPTION	DATE	DWN	CKD



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 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177		PROJECT	Liverpool Hut	
		ADDRESS	Mount Aspiring National Park	
AREA OFFICE		WANAKA AREA OFFICE		
SHEET CONTENTS		SCALES		
Ventilation Ceiling Details		1:10		
DESIGN	RP	DRAWN	RW	
CHECKED	RP	SHEET No. AC10		
DATE	Nov 2007	PROJECT No.	0743	
		REVISION		
		A		

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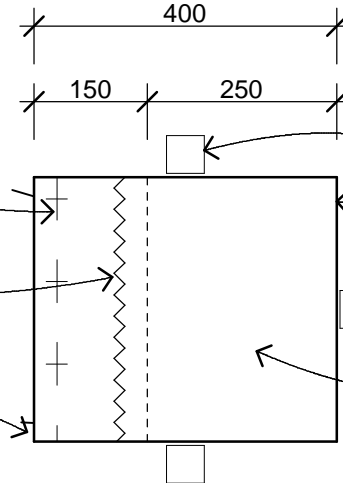
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allow to screw fix eye to wall into dwang to hold the door in the open position

flat bar grille 'egg-crate' in interior of box welded to all sides to prevent access to insect screen

insect screen to be fixed to interior of inlet box, shown zigzag

25mm returns to front to allow for fixing of lug for hook to door and eye to int box to hold door in closed position

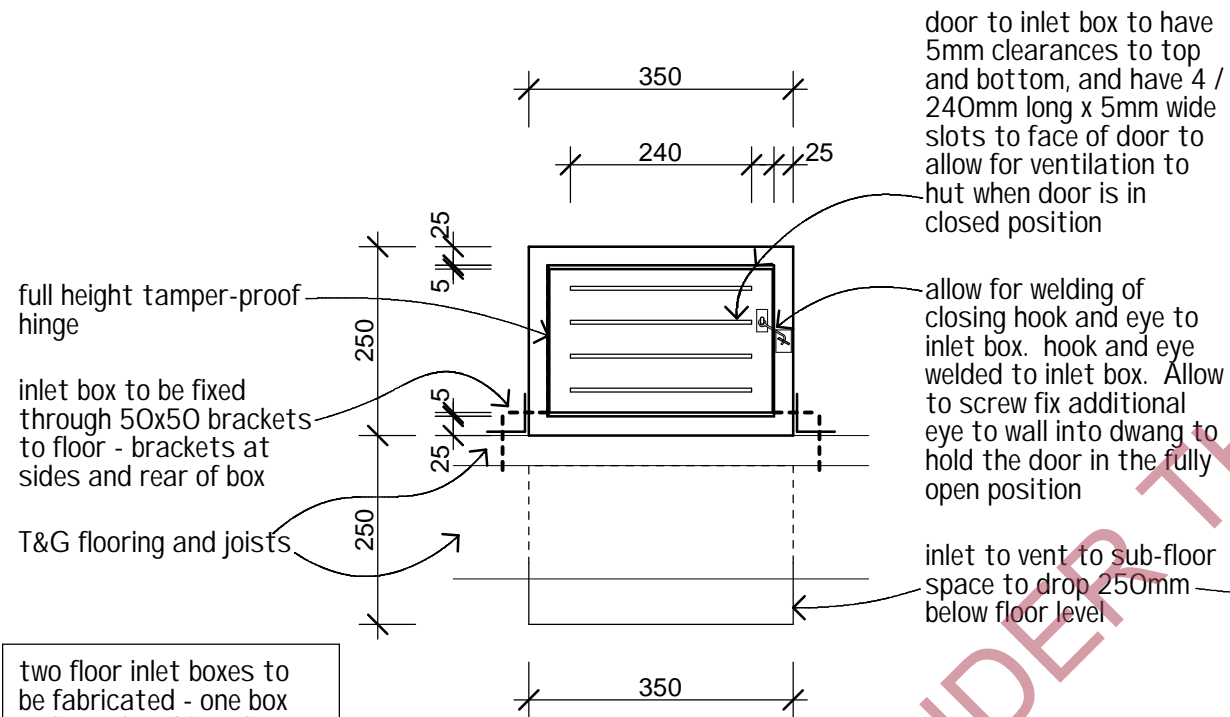


floor inlet box to be constructed of galvanised steel. Fix to floor to sides and rear with 50x50 brackets

250 wide portion of air inlet box to drop between joists. Location of joists to be confirmed on site with dimensions of prefabricated box

FLOOR INLET BOXES TO BE SUPPLIED BY DOC

FLOOR INLET BOX Plan
Scale 1:10



full height tamper-proof hinge

inlet box to be fixed through 50x50 brackets to floor - brackets at sides and rear of box

T&G flooring and joists

two floor inlet boxes to be fabricated - one box to have door hinged on LHS, one to have door hinged on RHS

door to inlet box to have 5mm clearances to top and bottom, and have 4 / 240mm long x 5mm wide slots to face of door to allow for ventilation to hut when door is in closed position

allow for welding of closing hook and eye to inlet box. hook and eye welded to inlet box. Allow to screw fix additional eye to wall into dwang to hold the door in the fully open position

inlet to vent to sub-floor space to drop 250mm below floor level

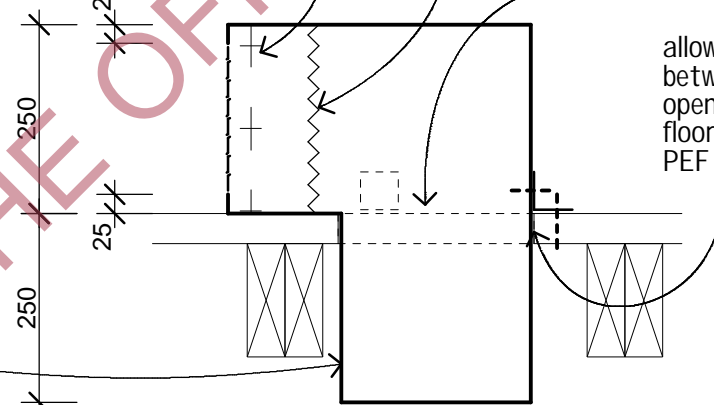
flat bar grille 'egg-crate' in interior of box welded to all sides to prevent access to insect screen

insect screen to be fixed to interior of inlet box, shown zigzag

inlet box to be located between floor joists

allow to fully seal between inlet box and opening to plywood flooring with sealant over PEF rod


FLOOR INLET BOX Front Elevation
Scale 1:10



FLOOR INLET BOX Side Elevation
Scale 1:10

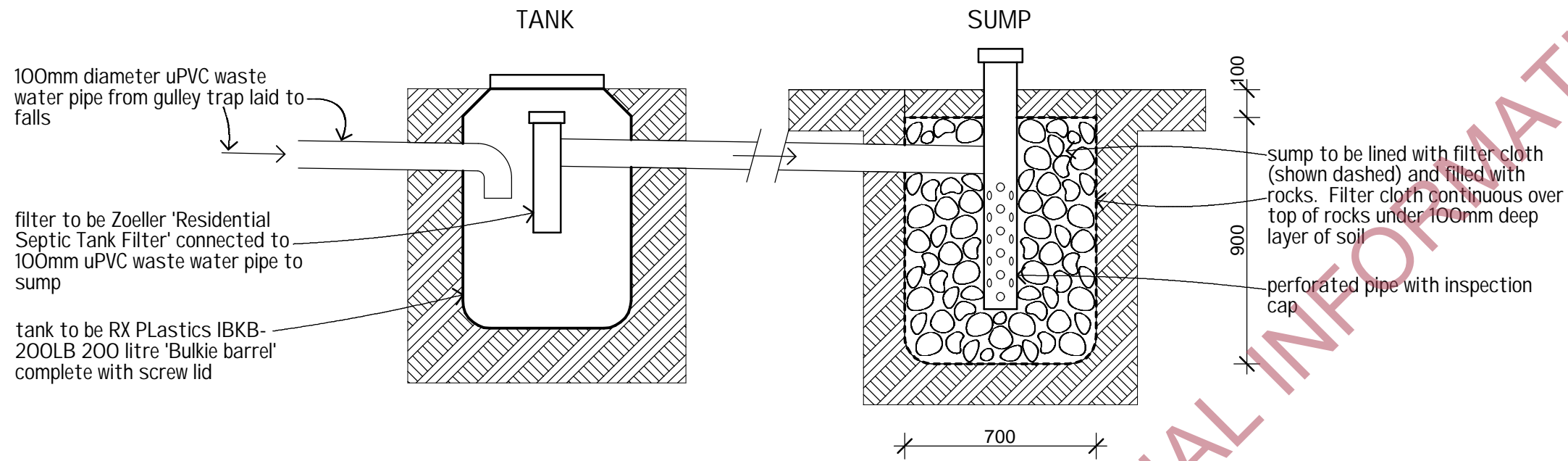
A	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
REV No	DESCRIPTION	DATE	DWN	CKD



 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177	PROJECT		Liverpool Hut	
	ADDRESS		Mount Aspiring National Park	
	AREA OFFICE		WANAKA AREA OFFICE	
	SHEET CONTENTS		Ventilation Floor Details	
DESIGN		RP	DRAWN	RW
CHECKED		RP	SCALES	
DATE		Nov 2007	PROJECT No.	0743
SHEET No.		AC11	REVISION	
A				

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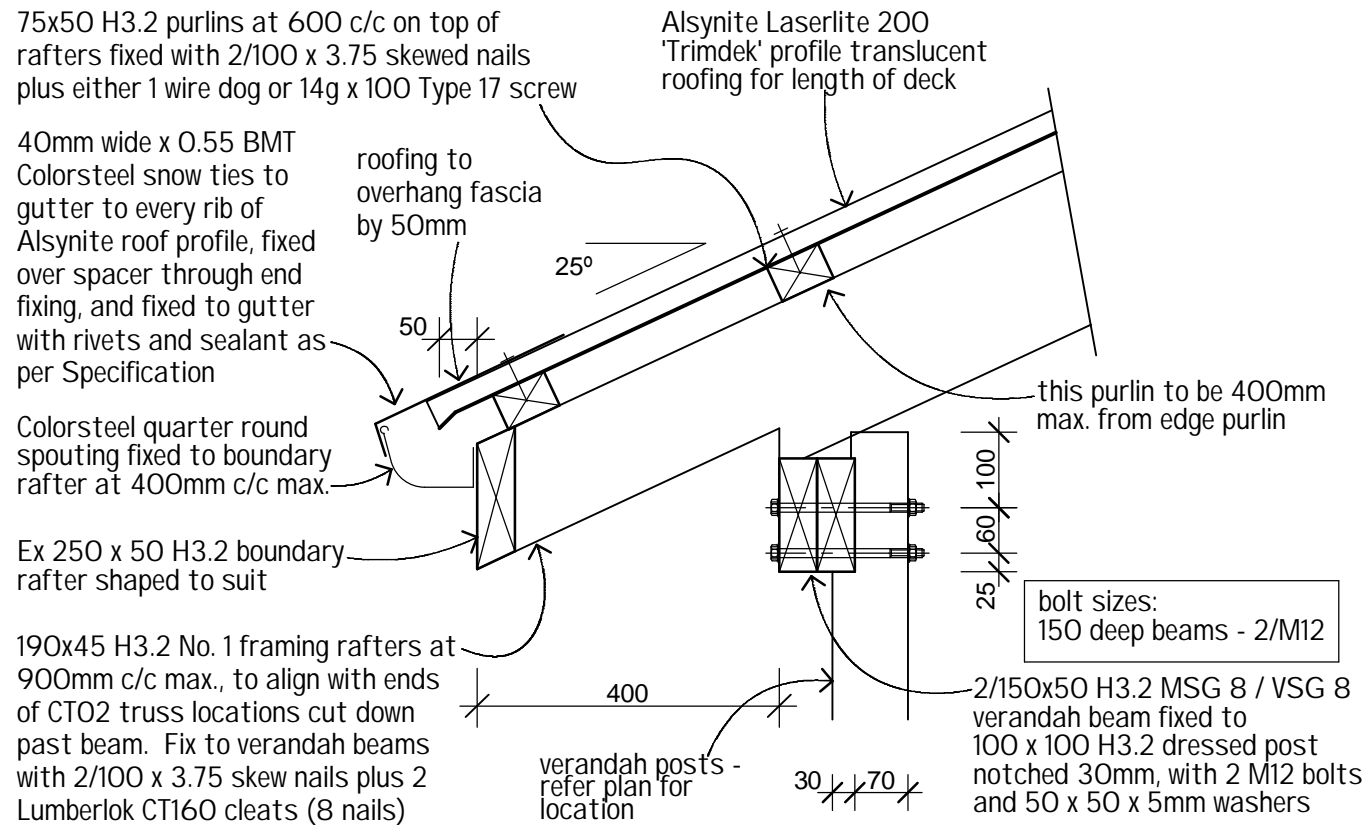
GREY WATER SYSTEM
Scale 1:20

REV No	DESCRIPTION	DATE	DWN	CKD
A	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP

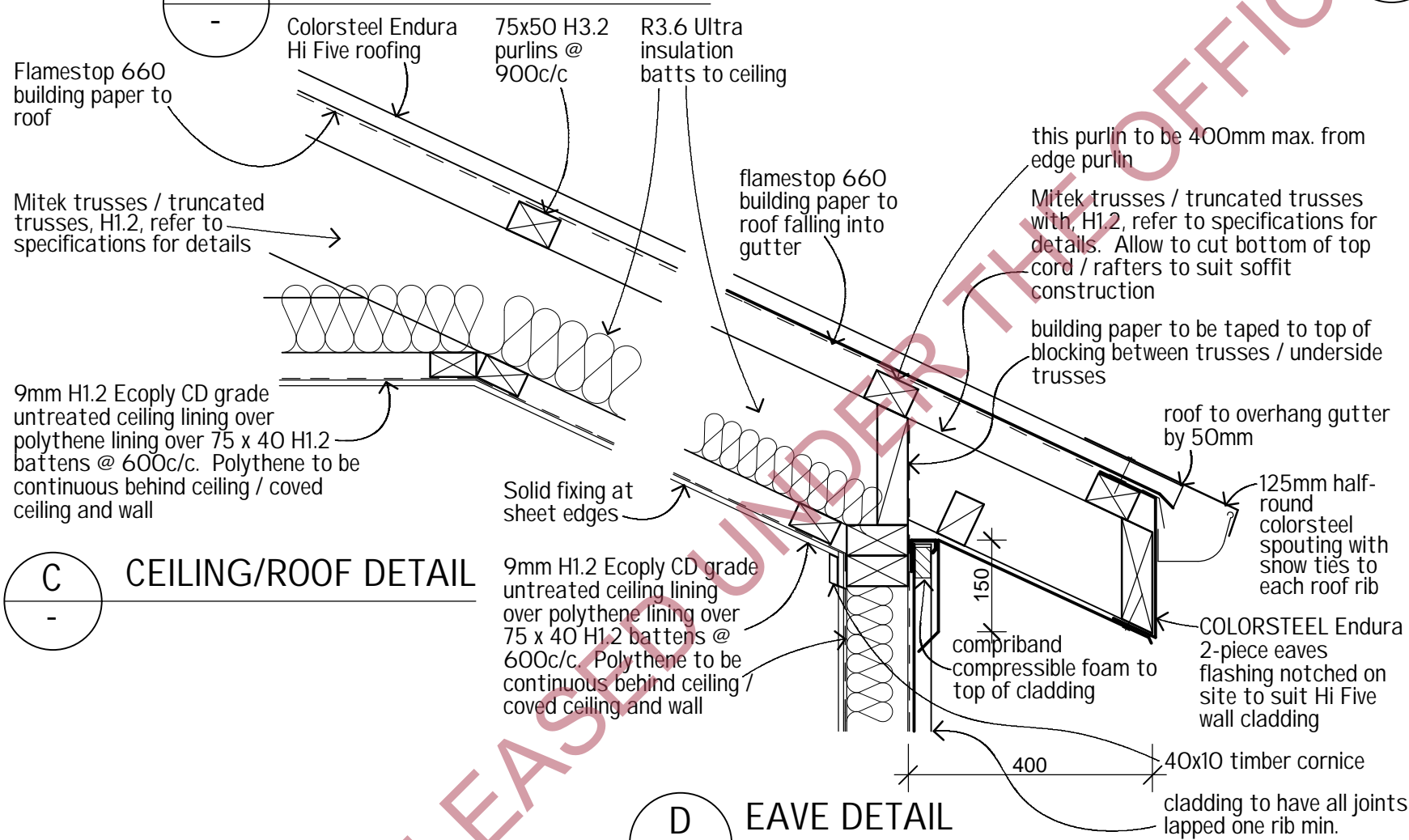


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 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177		PROJECT		Liverpool Hut	
		ADDRESS		Mount Aspiring National Park	
AREA OFFICE		WANAKA AREA OFFICE		SCALES	
SHEET CONTENTS		Grey water system		1:20	
DESIGN	RP	DRAWN	RW	CHECKED	RP
DATE	Nov 2007	PROJECT No.	0743	SHEET No.	12
				REVISION	A



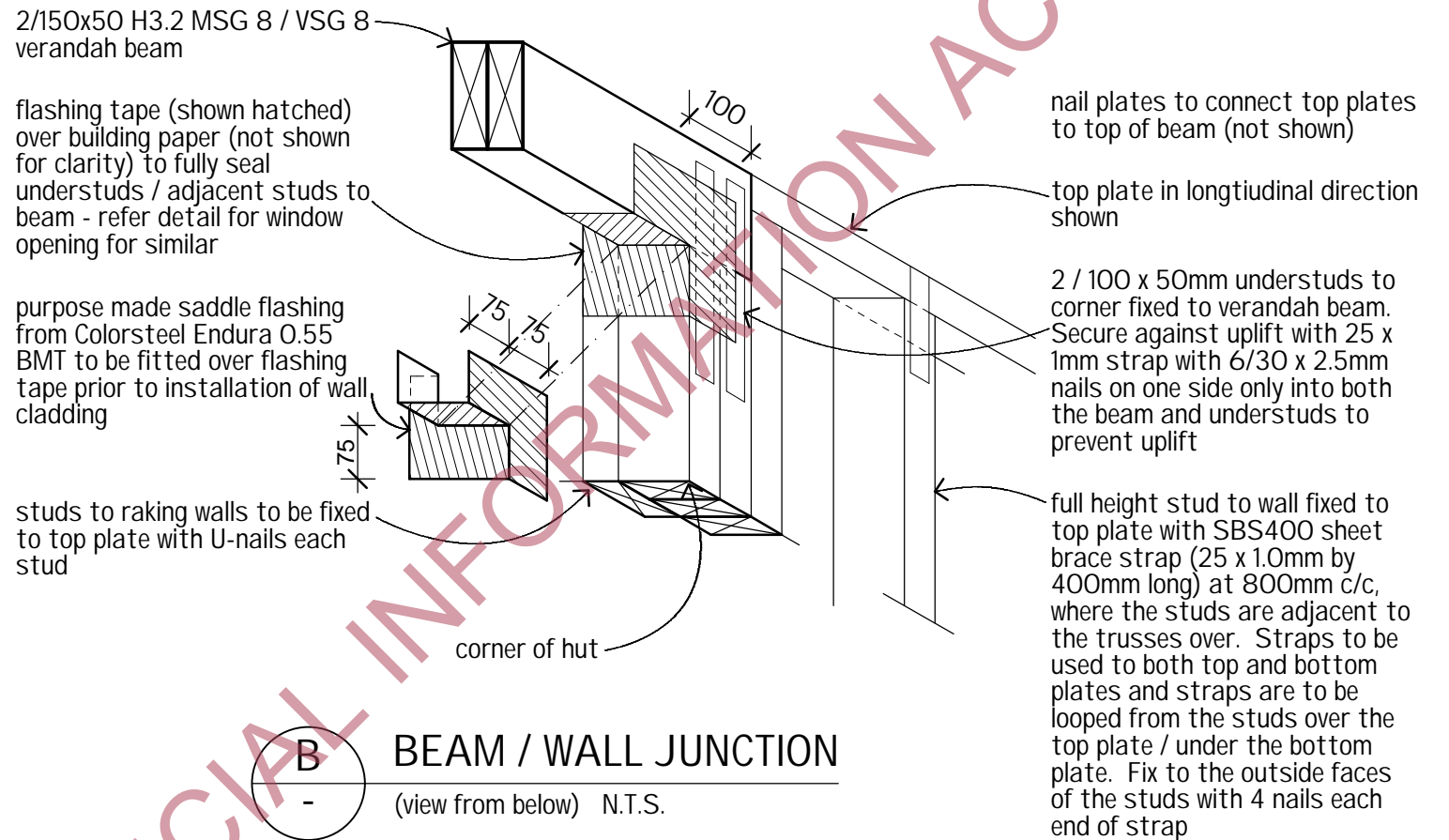
A VERANDAH EAVE DETAIL



C CEILING/ROOF DETAIL

D EAVE DETAIL

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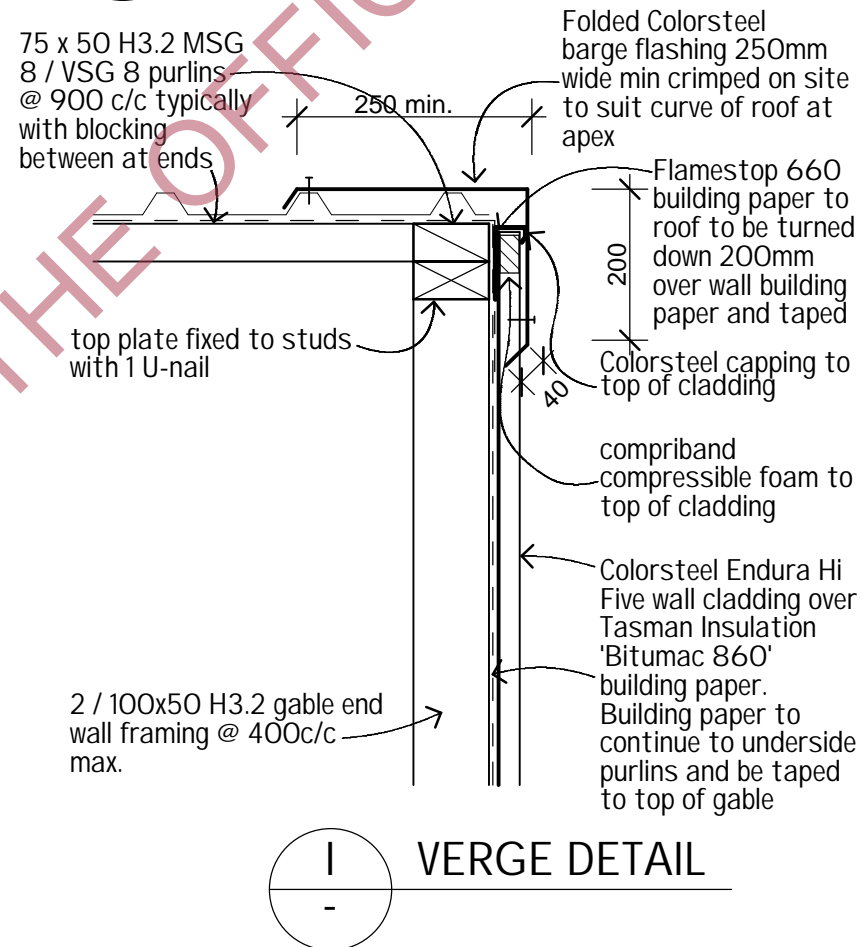
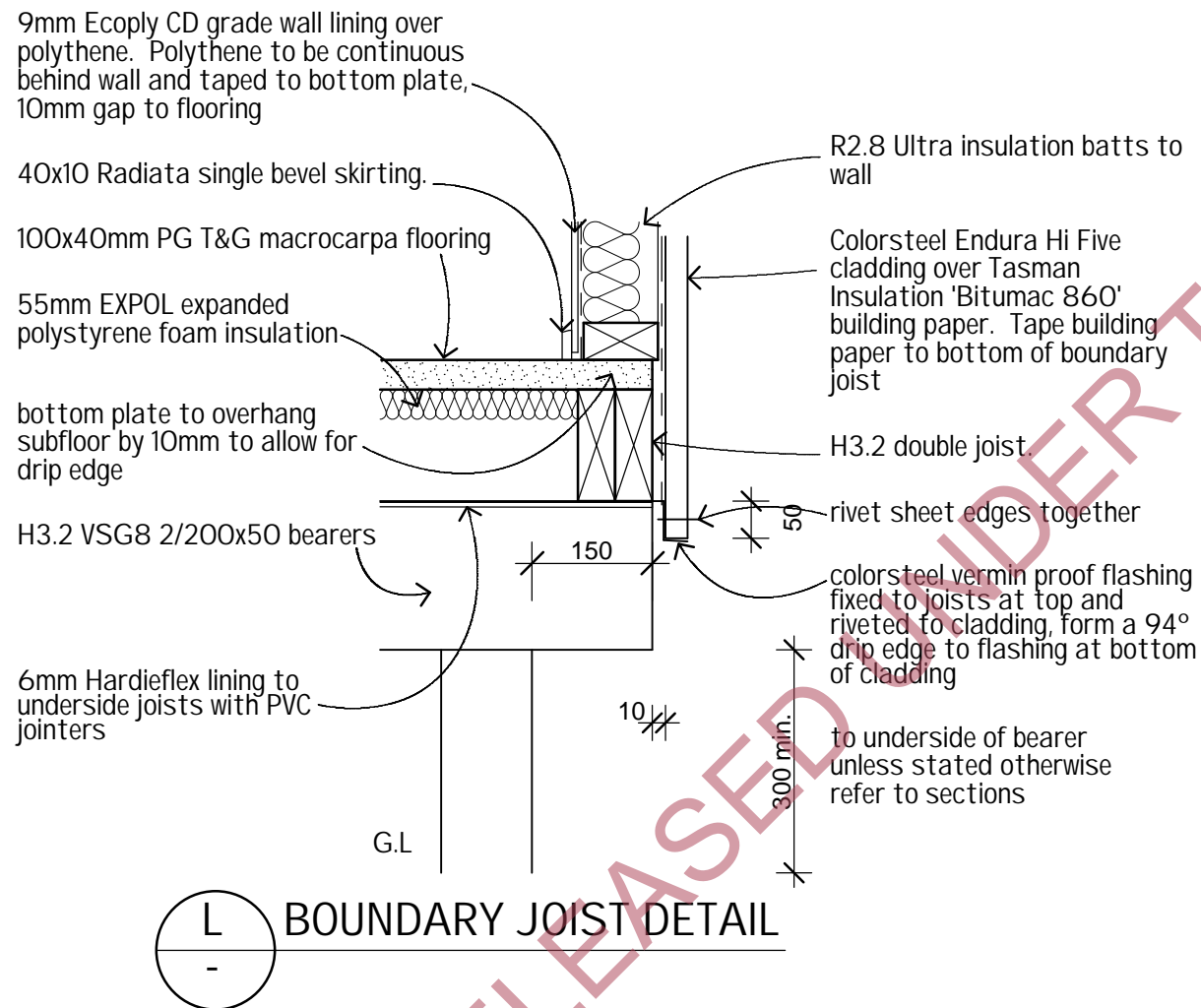
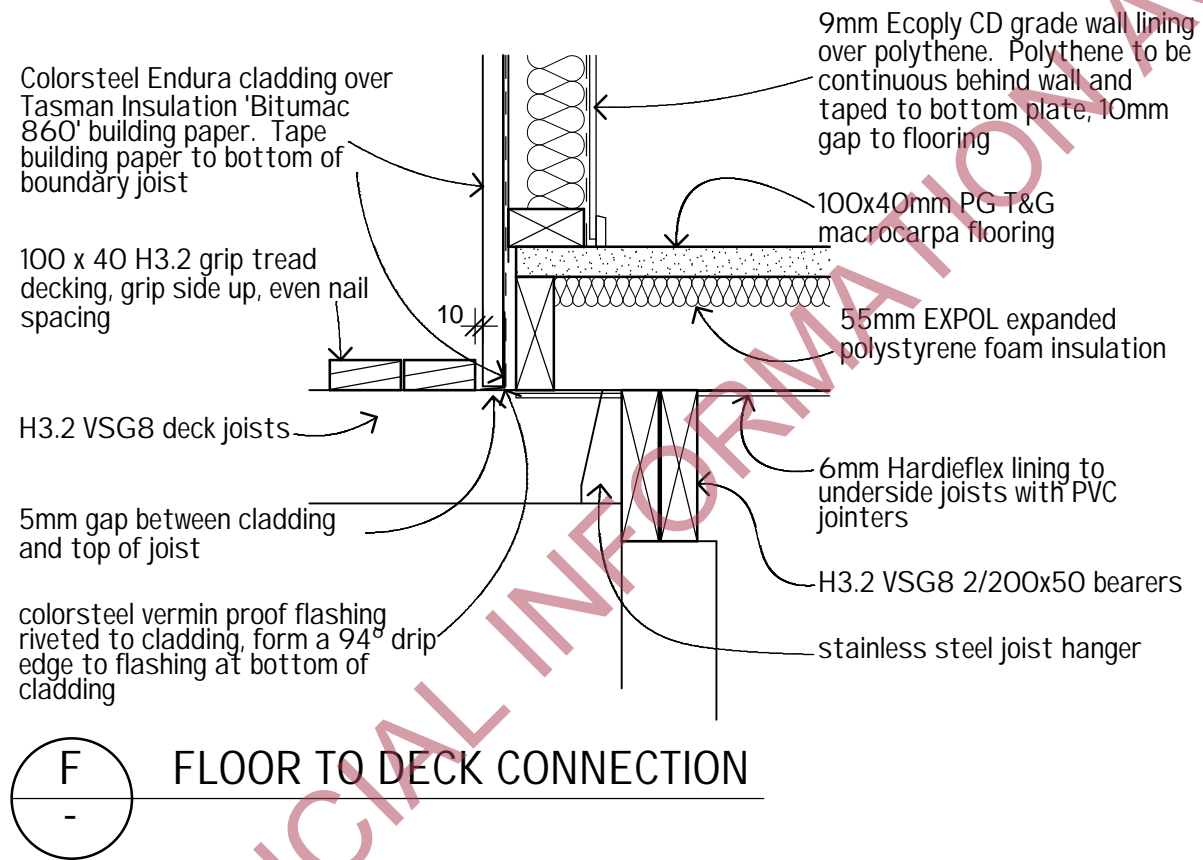
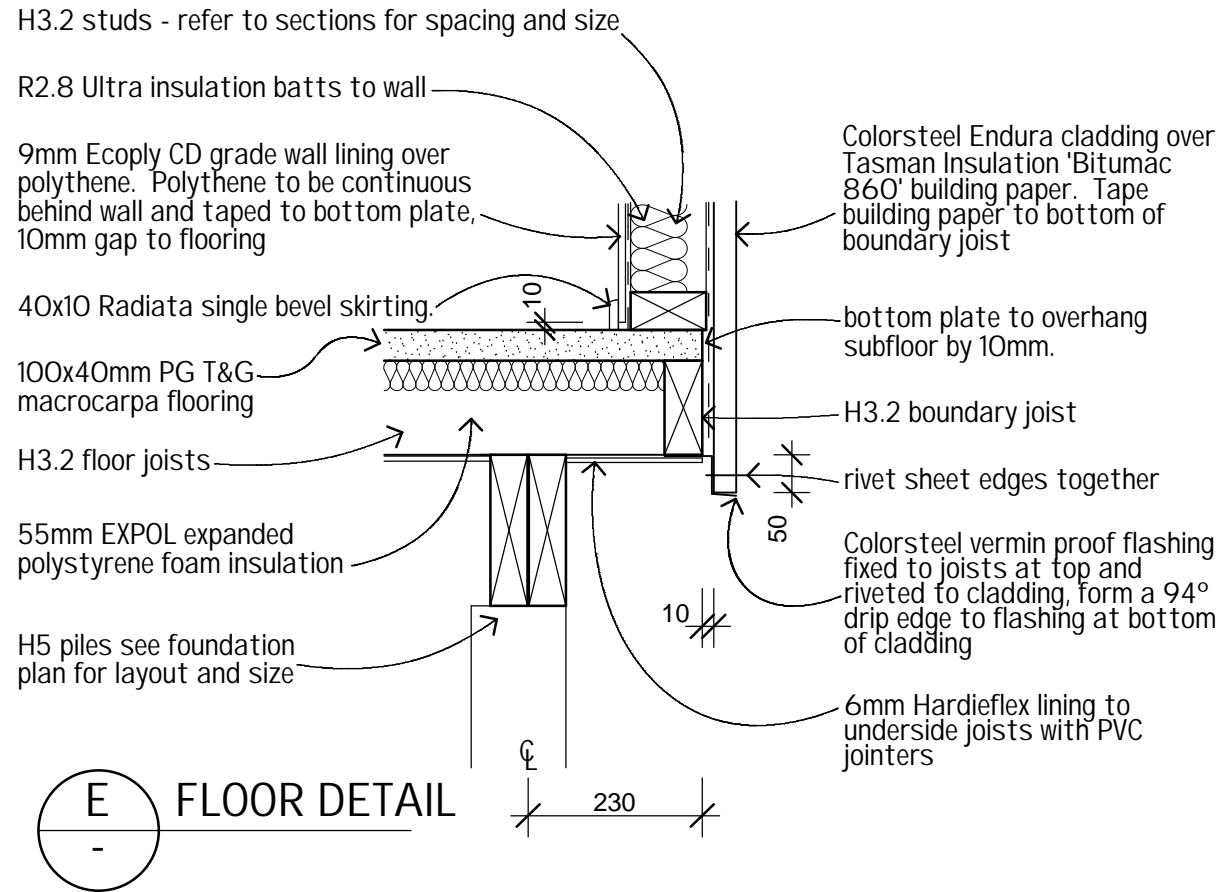
B BEAM / WALL JUNCTION

(view from below) N.T.S.

B	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
A	FIRST ISSUE	JUNE 06	GR	RP
REV No	DESCRIPTION	DATE	DWN	CKD



<p>PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177</p>	PROJECT	HUT DESIGN MANUAL STANDARD DETAILS FOR 10/12 BUNK HUTS				
	CLIENT	DEPARTMENT OF CONSERVATION				
	SHEET CONTENTS	VERANDAH EAVE DETAIL CEILING/ROOF DETAIL & EAVE DETAIL		SCALES 1:10		
	DESIGN	RP	DRAWN	CT	CHECKED	RP
DATE	Jun 2006		SHEET No.	AC20b	REVISION	B

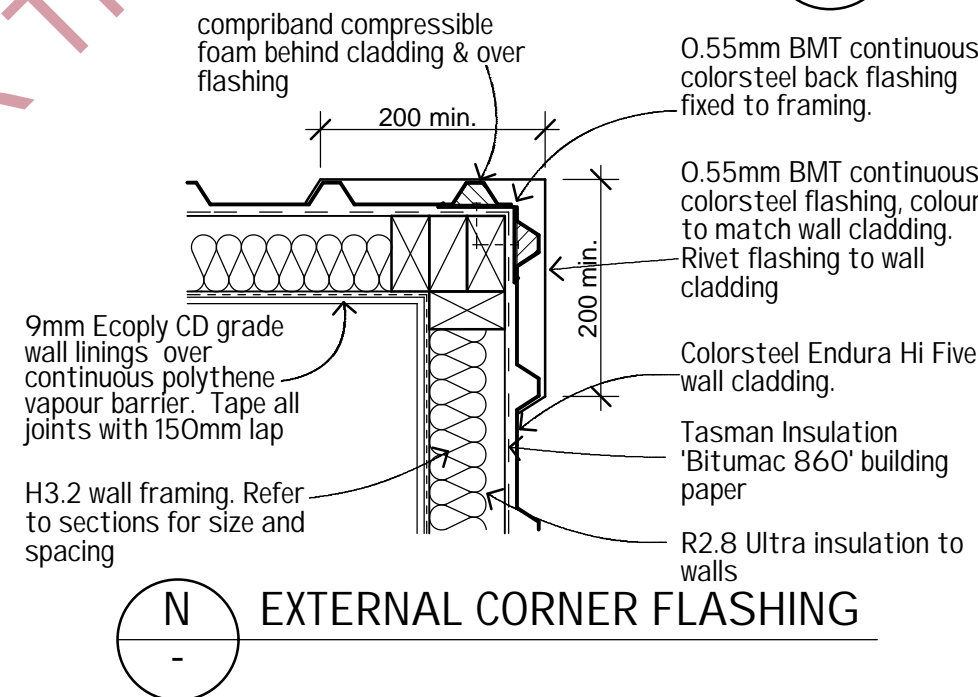
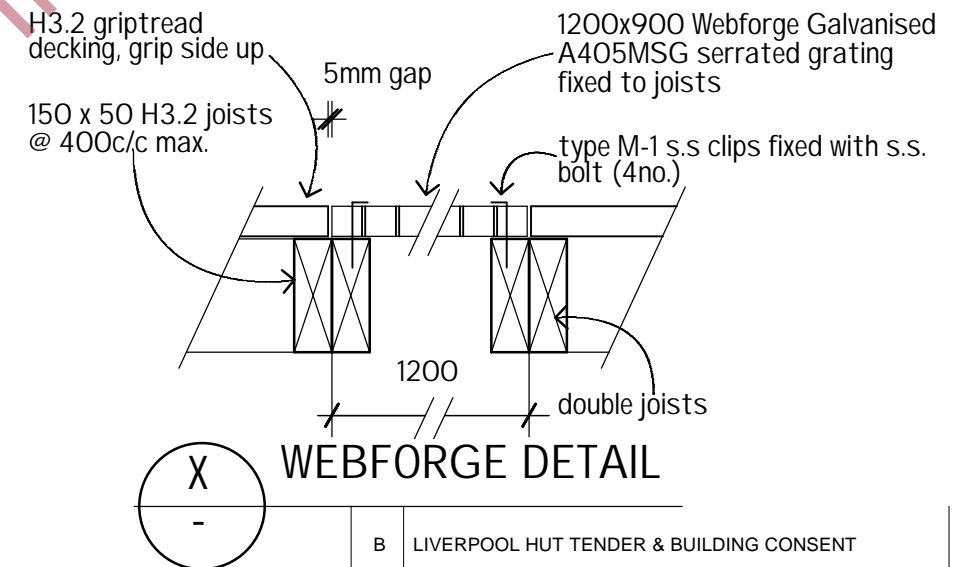
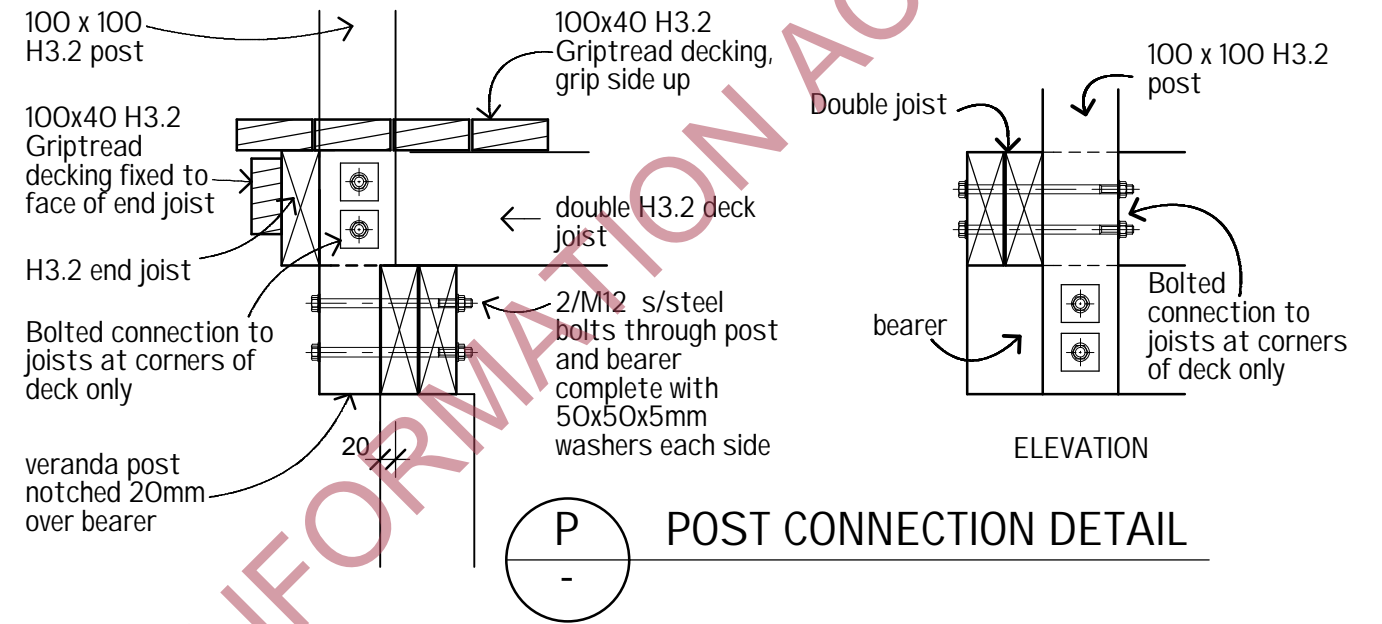
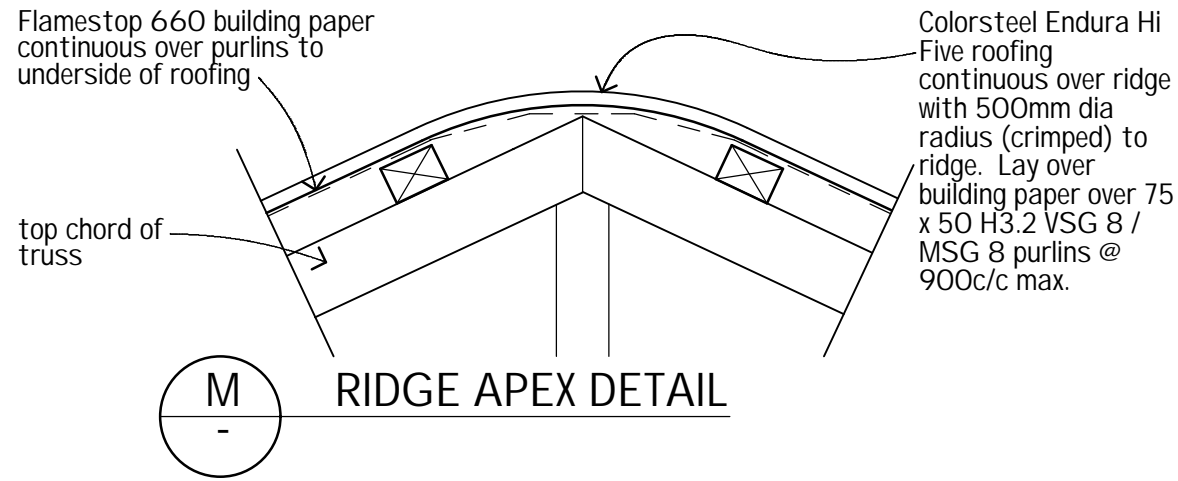


B	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
A	FIRST ISSUE	JUNE 06	GR	RP
REV No	DESCRIPTION	DATE	DWN	CKD



<p>PYNENBURG & COLLINS ARCHITECTS LTD</p> <p>Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177</p>	PROJECT	HUT DESIGN MANUAL STANDARD DETAILS FOR 10/12 BUNK HUTS				
	CLIENT	DEPARTMENT OF CONSERVATION				
	SHEET CONTENTS	FLOOR DETAIL FLOOR TO DECK DETAIL BOUNDARY JOIST & VERGE DETAIL		SCALES 1:10		
	DESIGN	RP	DRAWN	CT	CHECKED	RP
DATE	Jun 2006			SHEET No.	AC21	
					REVISION	B

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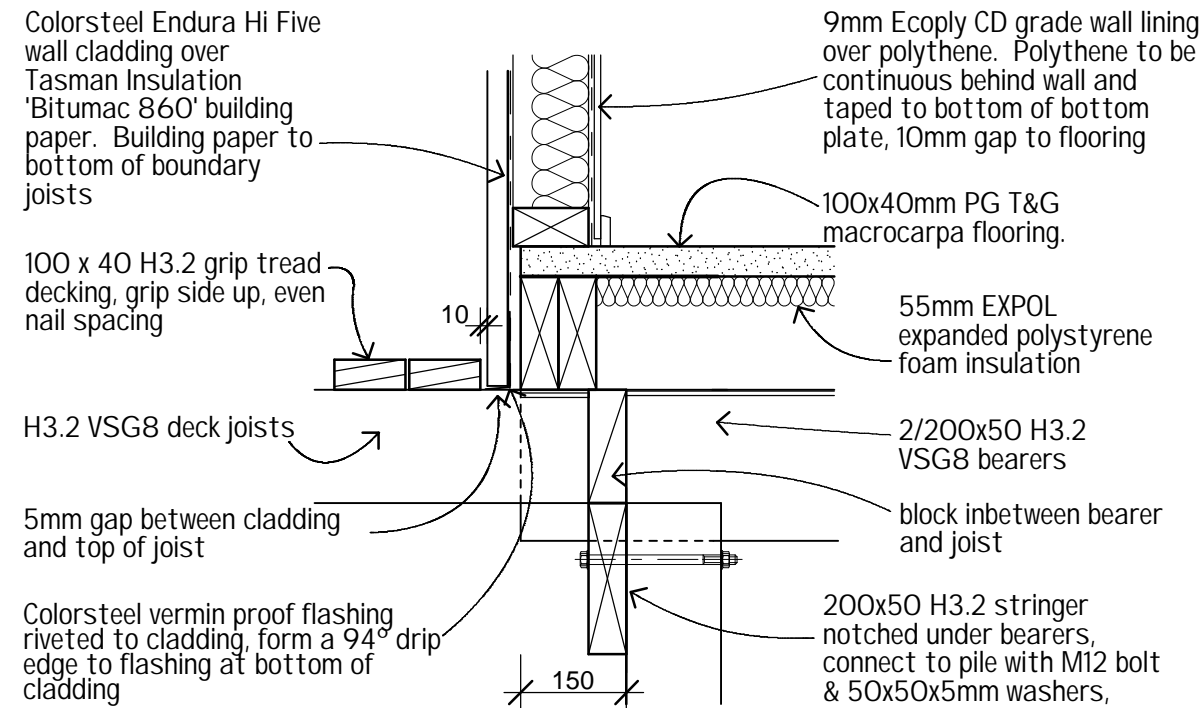
B	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
A	FIRST ISSUE	JUNE 06	GR	RP
REV No	DESCRIPTION	DATE	DWN	CKD



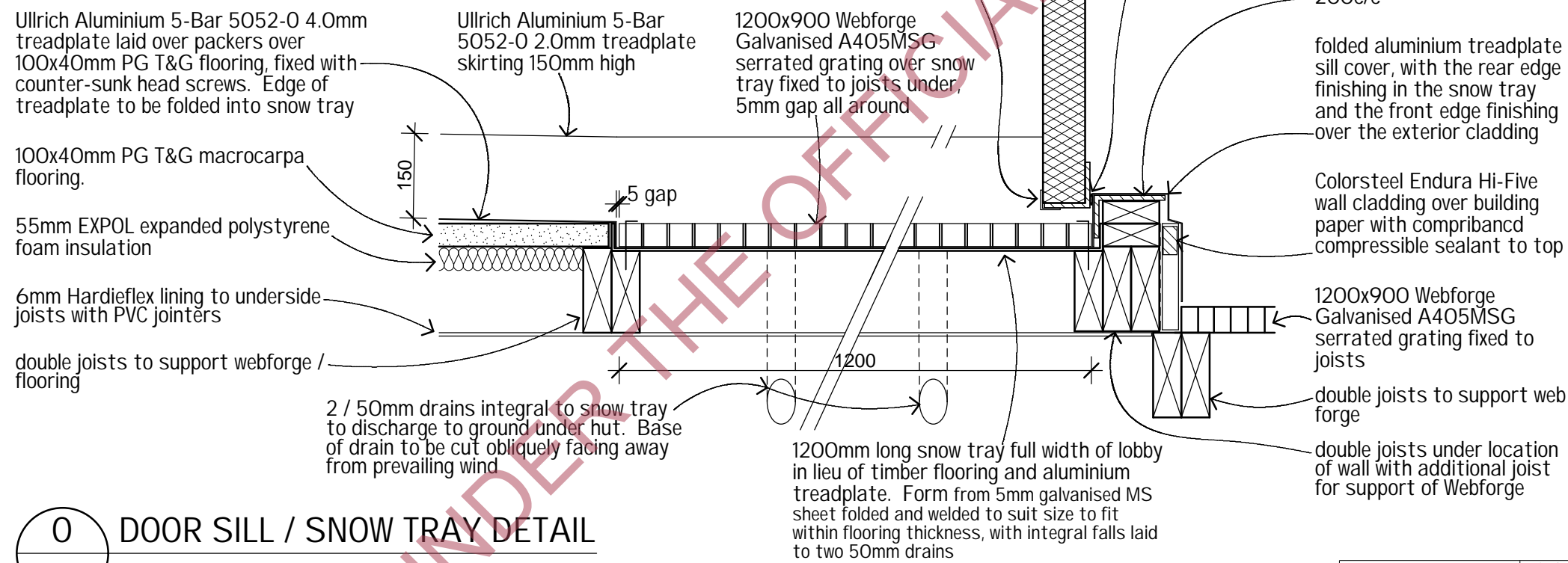
 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177	PROJECT	HUT DESIGN MANUAL STANDARD DETAILS FOR 10/12 BUNK HUTS			
	CLIENT	DEPARTMENT OF CONSERVATION			
	SHEET CONTENTS	FLOOR TO DECK CONNECTION EXTERNAL CORNER FLASHING DOOR SILL & POST CONNECTION		SCALES 1:10	
	DESIGN	RP	DRAWN	CT	CHECKED
DATE	Jun 2006			SHEET No.	AC22a
				REVISION	B

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J FLOOR TO DECK CONNECTION



O DOOR SILL / SNOW TRAY DETAIL

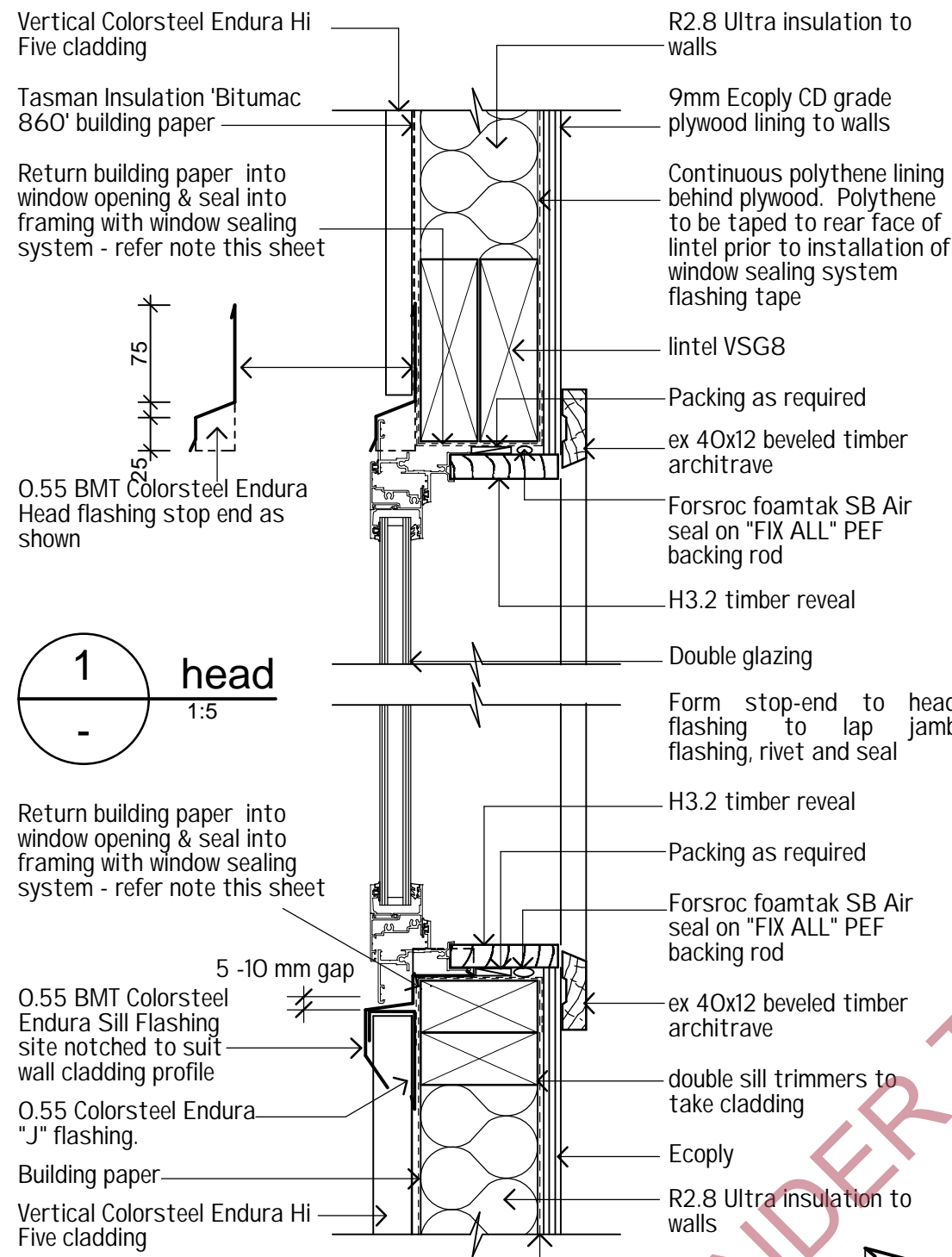
B	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
A	FIRST ISSUE	JUNE 06	GR	RP
REV No	DESCRIPTION	DATE	DWN	CKD



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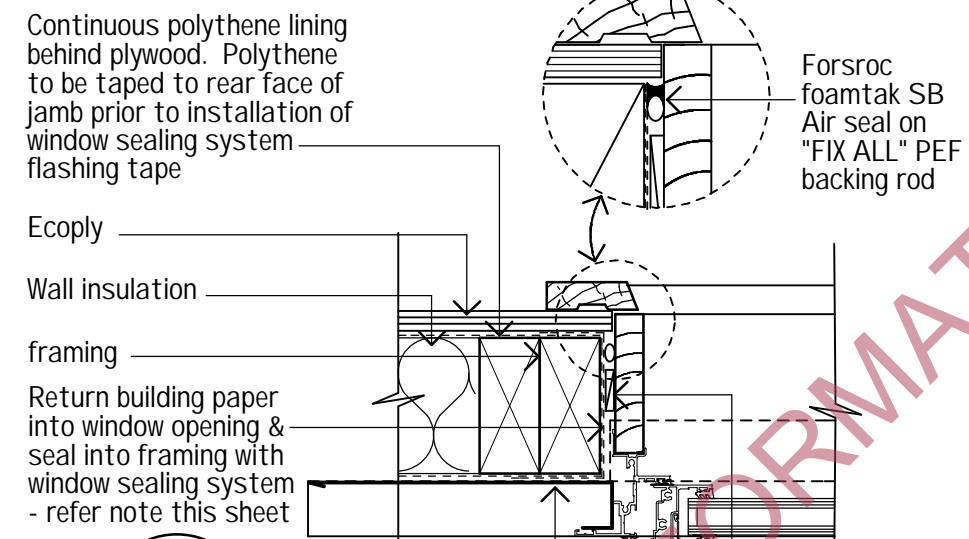
 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177	PROJECT	Liverpool Hut					
	ADDRESS	Mount Aspiring National Park					
	AREA OFFICE	WANAKA AREA OFFICE					
	SHEET CONTENTS	floor/deck & door sill / tray	SCALES	1:10			
DESIGN	RP	DRAWN	RW	CHECKED	RP	SHEET No.	AC23a B
DATE	Nov 2007		PROJECT No.	0743			

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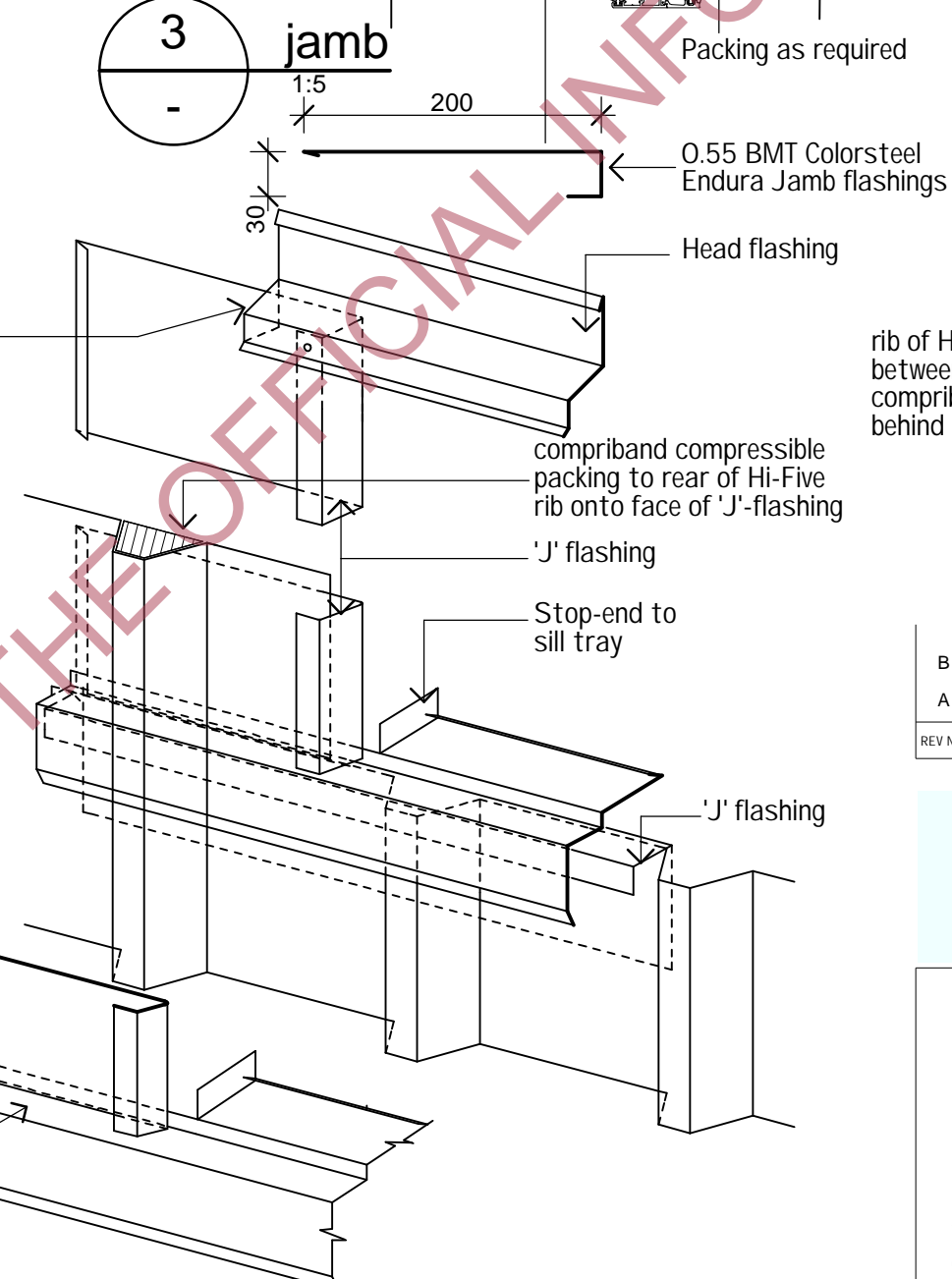


1 head
1:5

2 sill
1:5

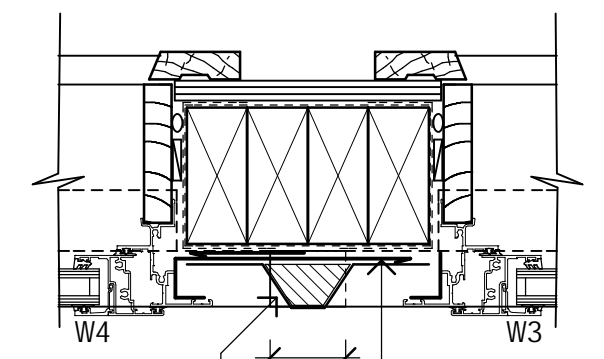


3 jamb
1:5



WINDOW SEALING SYSTEM
Window sealing system is:
Protecto Sill System comprising Protecto Tak Primer, Protector Wrap Detail Tape (150mm wide), Protecto Wrap Sill tape (a50mm wide) and Protecto Wrap Head Flashing Tape.

WINDOW W4 / W5 FLASHING:
Head flashing for windows W4 & W5 to be continuous across both windows. Jamb flashings to be fitted as detailed. Sill flashings for windows W4 & W5 to be extended so they overlap by 50mm. Fix cut down piece of Hi-Five profile cladding between jambs, with rib down centre-line.



4 W3 / W4 jamb
1:5

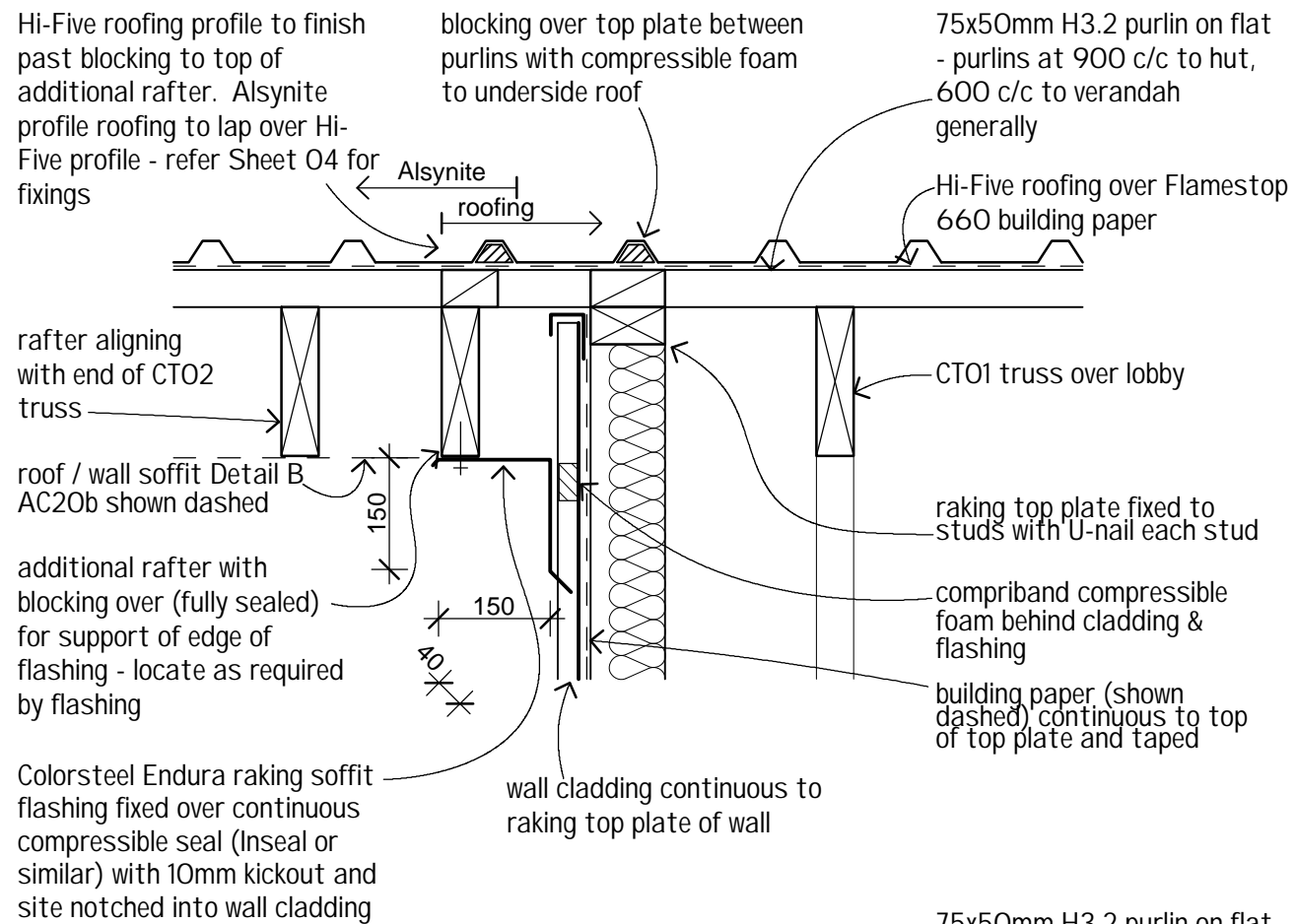
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A	FIRST ISSUE	JUNE 06	GR	RP
REV No	DESCRIPTION	DATE	DWN	CKD



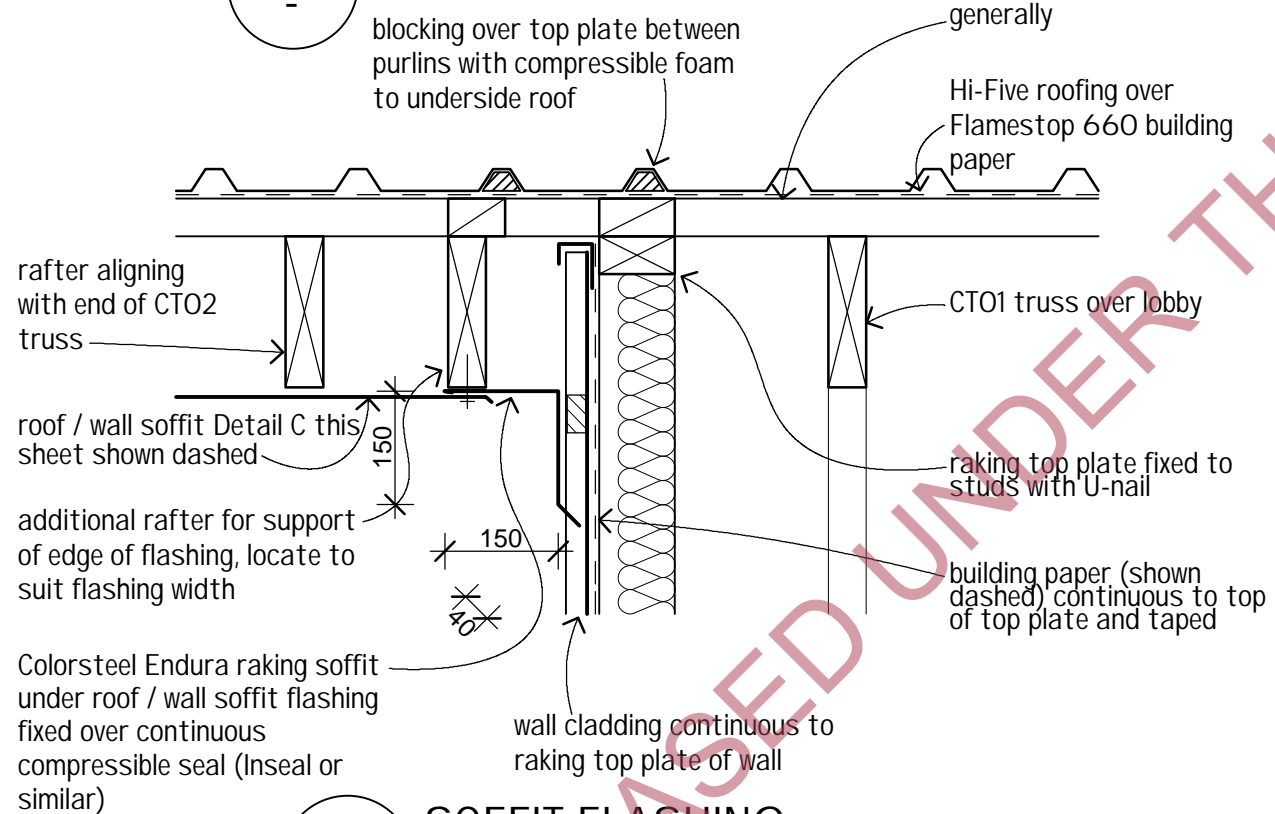
 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177	PROJECT		HUT DESIGN MANUAL						
	CLIENT		DEPARTMENT OF CONSERVATION						
	SHEET CONTENTS		SCALES						
	WINDOW/DOOR HEAD DETAIL WINDOW SILL WINDOW/DOOR JAMB DETAIL		1:5						
DESIGN	RP	DRAWN	GWR	CHECKED	RP	SHEET No.	AC24	REVISION	B
DATE	Jun 2006								

CONTRACTOR SHALL CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION

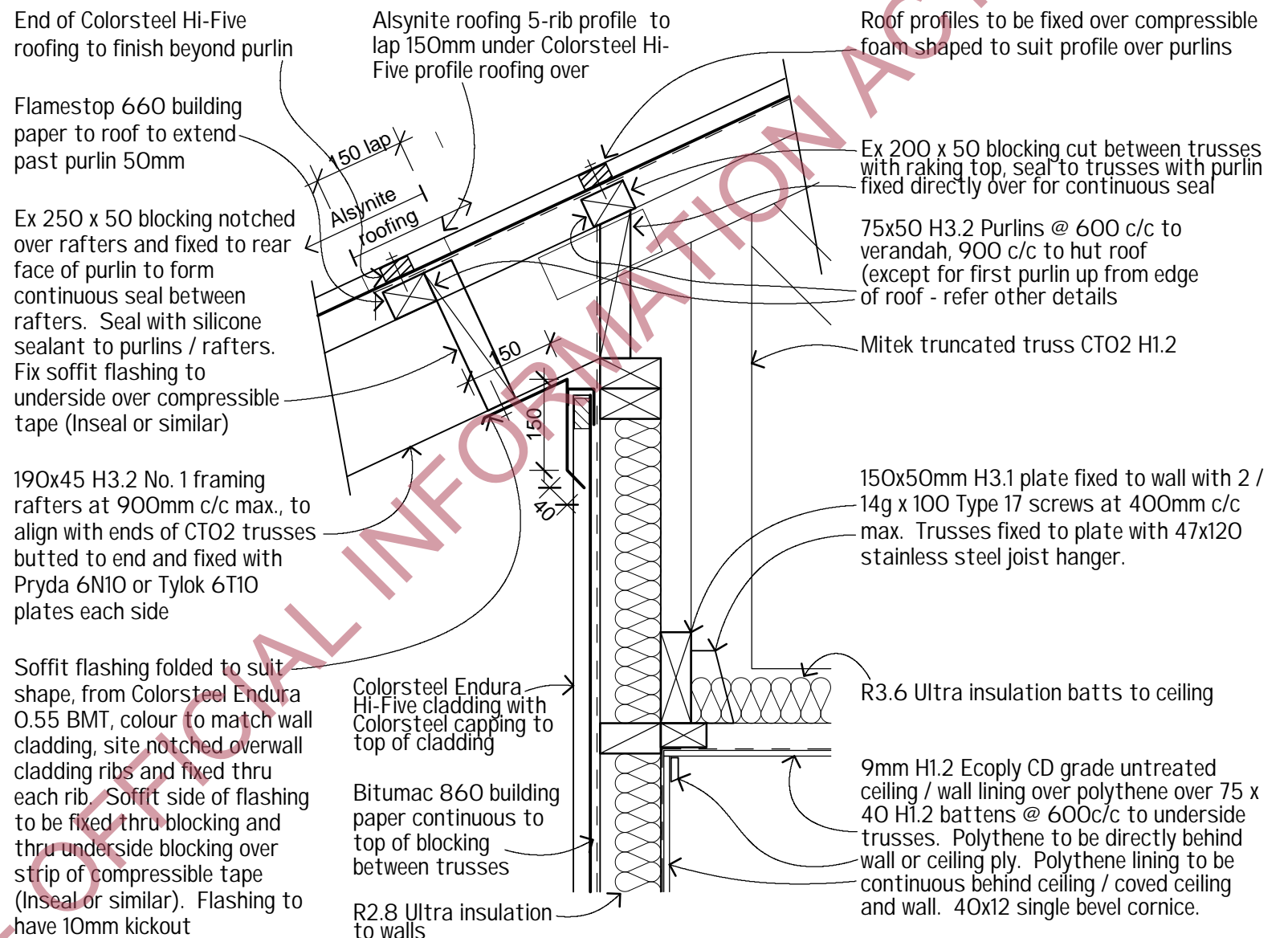
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A SOFFIT FLASHING



B SOFFIT FLASHING



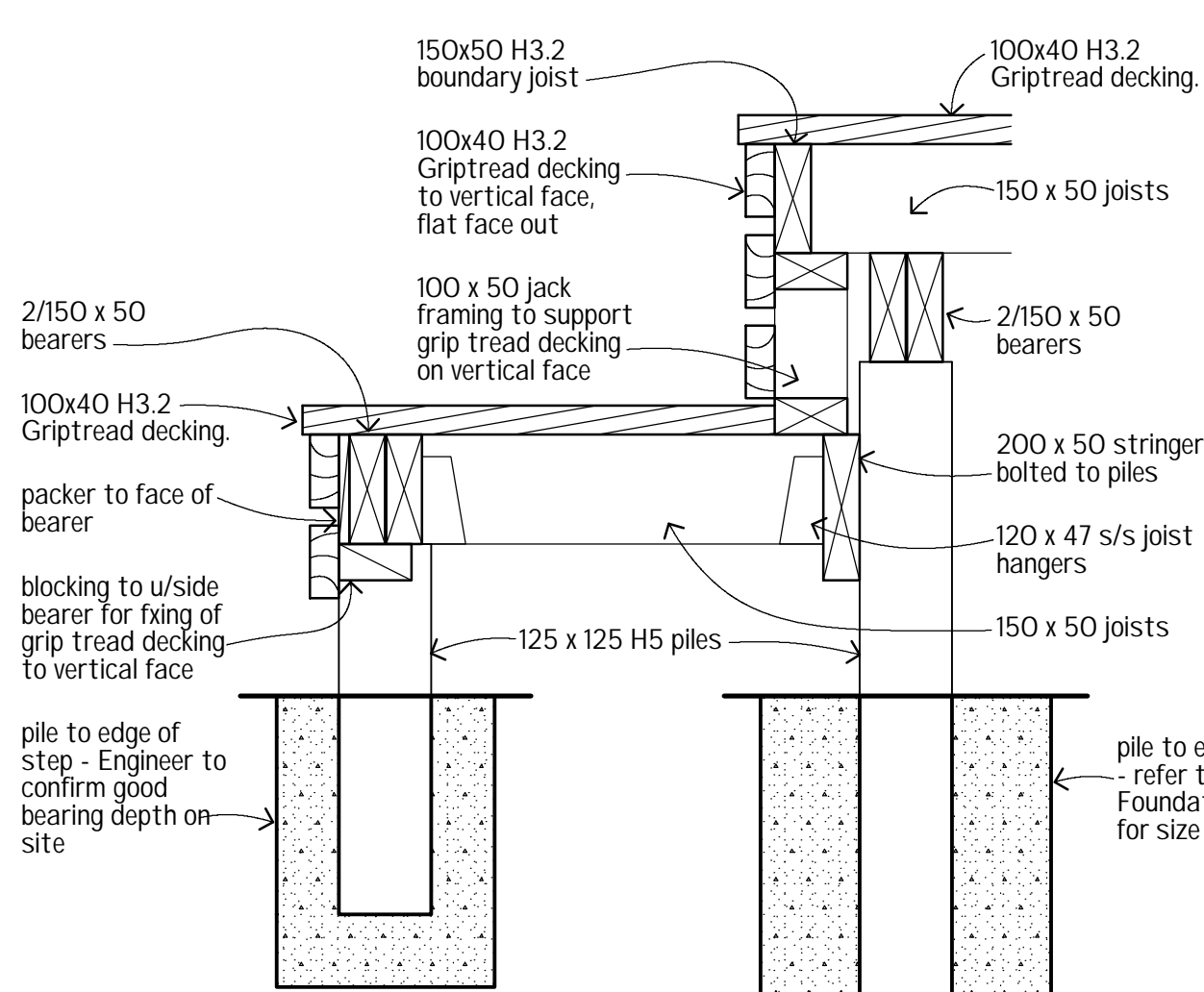
C VERANDAH ROOF CONNECTION DETAIL

B	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
A	FIRST ISSUE	JUNE 06	GR	RP
REV No	DESCRIPTION	DATE	DWN	CKD

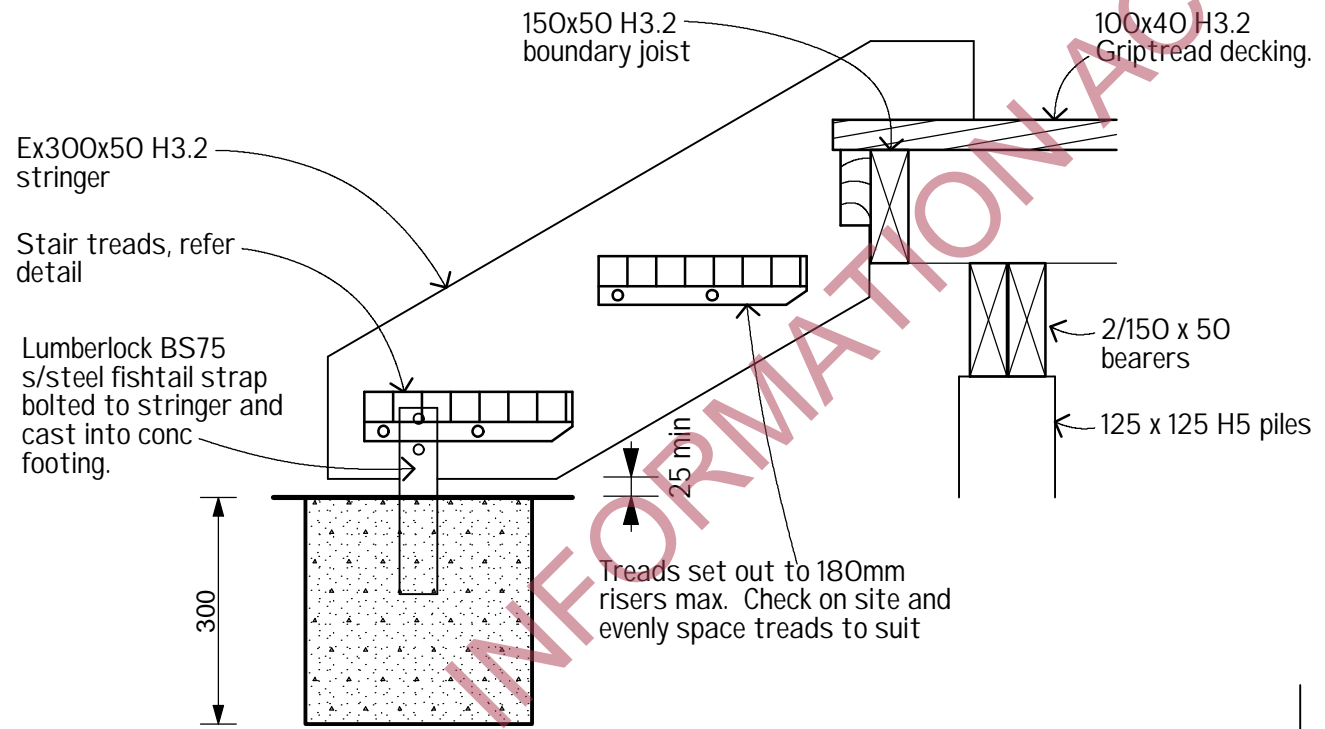


<p>PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177</p>	PROJECT					
	HUT DESIGN MANUAL STANDARD DETAILS FOR 10/12 BUNK HUTS					
	CLIENT					
	DEPARTMENT OF CONSERVATION					
SHEET CONTENTS			SCALES			
VERANDAH/ROOF CONNECTION DETAIL AND SOFFIT FLASHINGS			1:10			
DESIGN	RP	DRAWN	CT	CHECKED	RP	
DATE	Jun 2006		SHEET No.	AC25a	REVISION	B

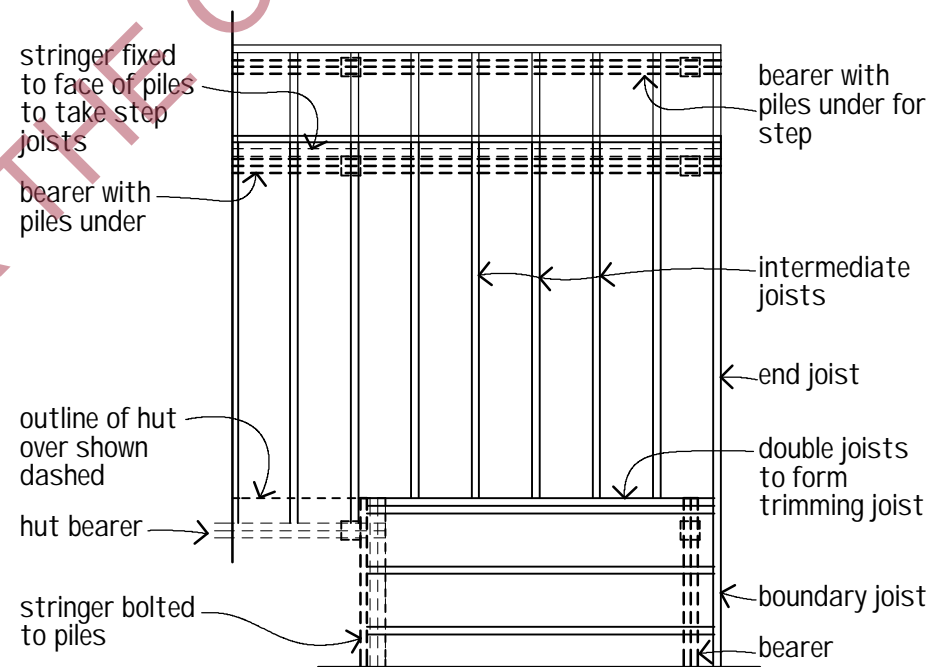
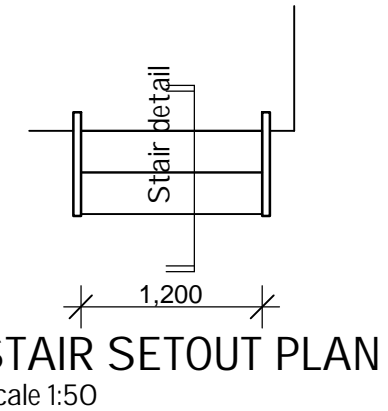
CONTRACTOR SHALL CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION



STEP DETAIL
Scale 1:10



STAIR DETAIL
Scale 1:10



TYPICAL DECK PLAN
Scale 1:50

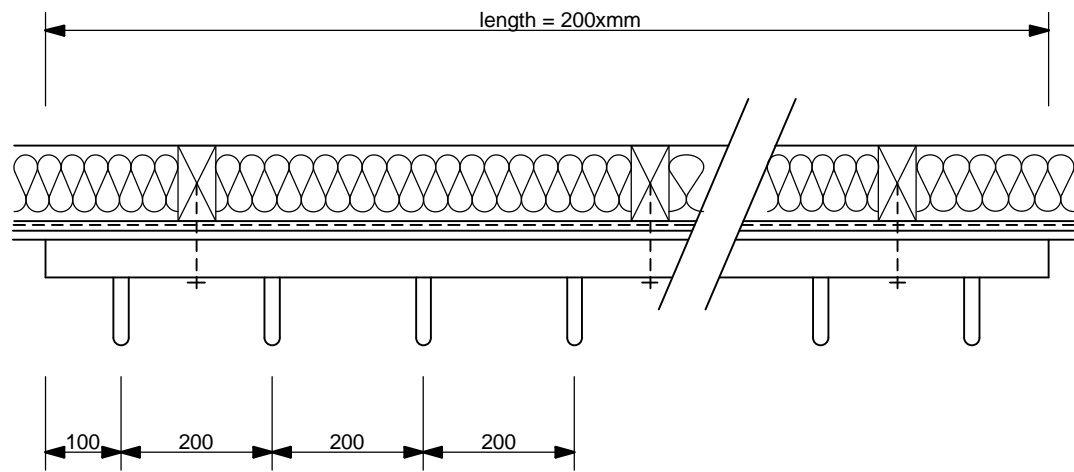
B	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
A	FIRST ISSUE	JUNE 06	GR	RP
REV No	DESCRIPTION	DATE	DWN	CKD



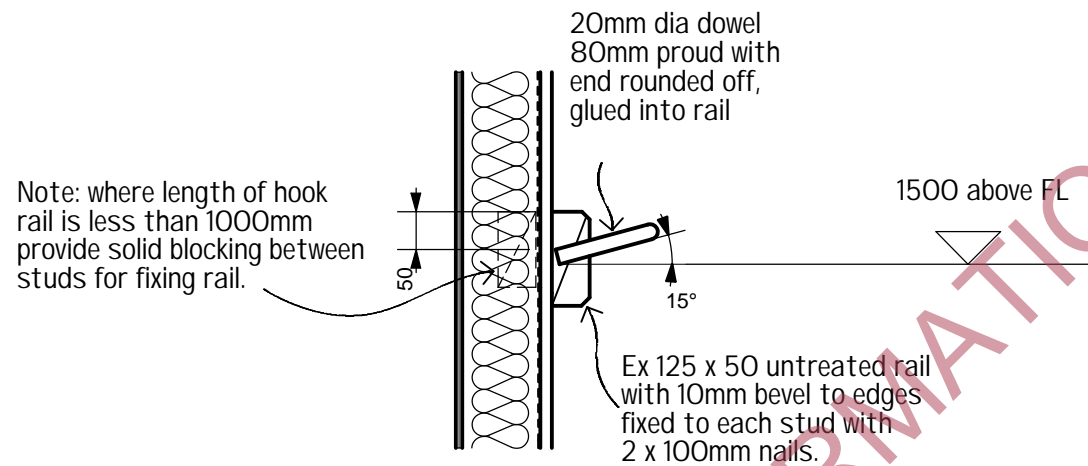
Department of Conservation
Te Papa Atawhai

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	CLIENT		DEPARTMENT OF CONSERVATION	
	SHEET CONTENTS		SCALES	
	DECK, STAIR & STEP DETAILS		1:50 1:10	
DESIGN	RP	DRAWN	GWR	CHECKED
DATE	Jun 2006		SHEET No.	27
			REVISION	B

CONTRACTOR SHALL CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION

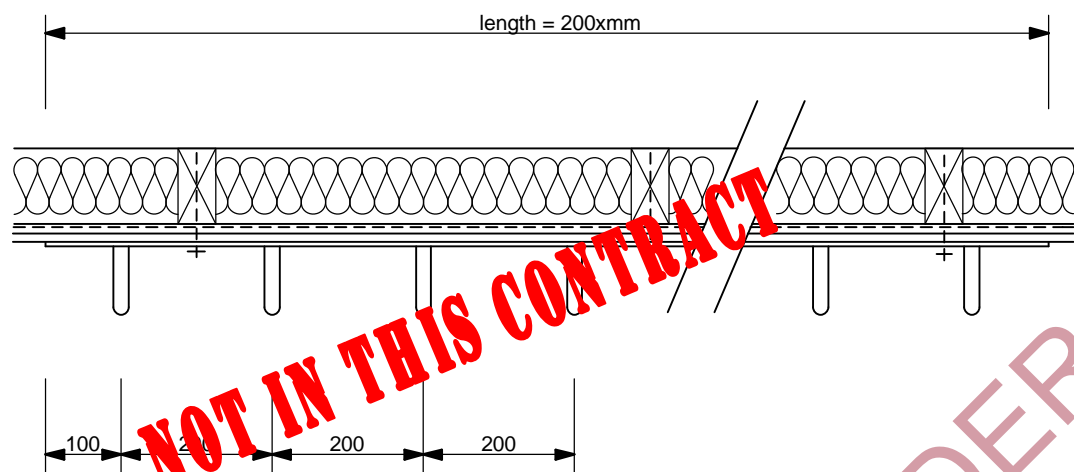


TIMBER HOOK RAIL
PLAN
Scale 1:10

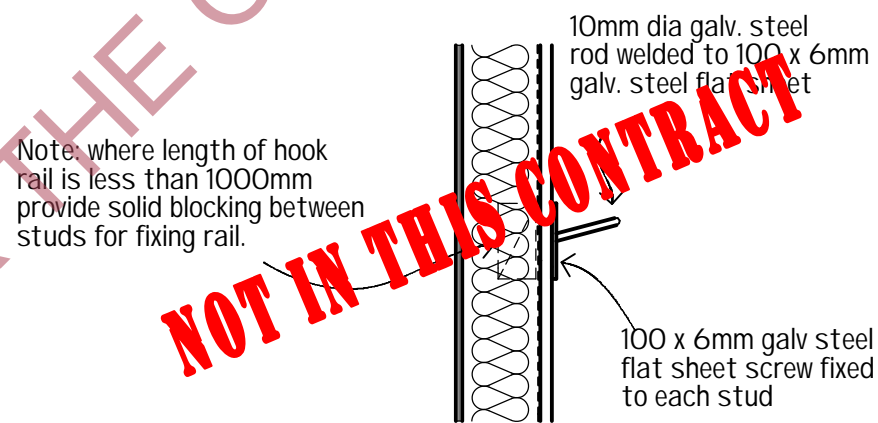


SECTION
Scale 1:10

Note: where length of hook rail is less than 1000mm provide solid blocking between studs for fixing rail.



GALVANISED STEEL HOOK RAIL
PLAN
Scale 1:10



SECTION
Scale 1:10

Note: where length of hook rail is less than 1000mm provide solid blocking between studs for fixing rail.

A	FIRST ISSUE	JUNE 06	GR	RP
REV No	DESCRIPTION	DATE	DWN	CKD



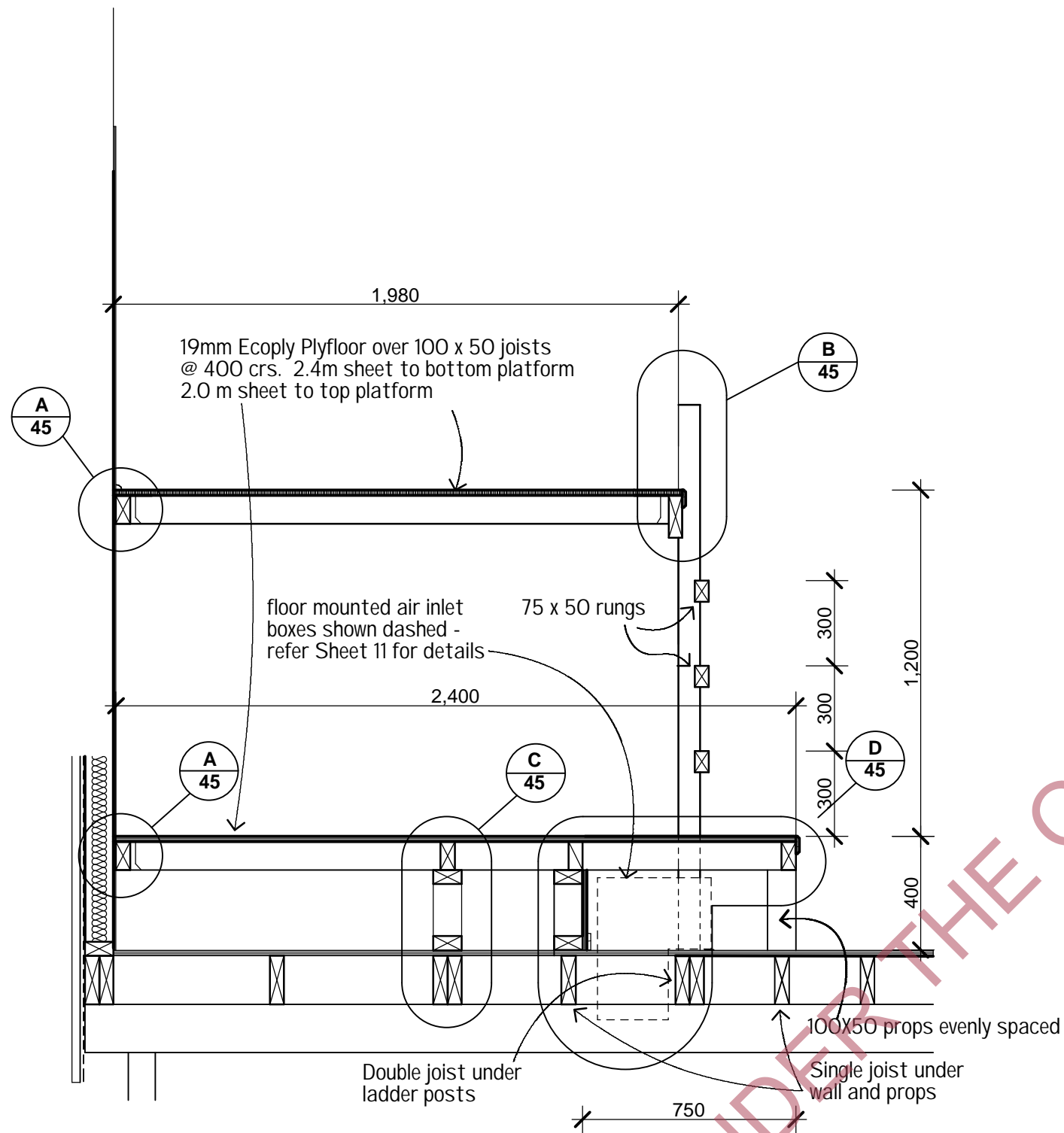
Department of Conservation
Te Papa Atawhai

 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177	PROJECT				HUT DESIGN MANUAL FIXTURES & FITTINGS 4/6/10 & 12 BUNK HUTS			
	CLIENT						DEPARTMENT OF CONSERVATION	
	SHEET CONTENTS				SCALES			
	HOOKS RAIL				1:10			
DESIGN	RP	DRAWN	GWR	CHECKED	RP	SHEET No.	REVISION	
DATE						42	A	
						Jun 2006		

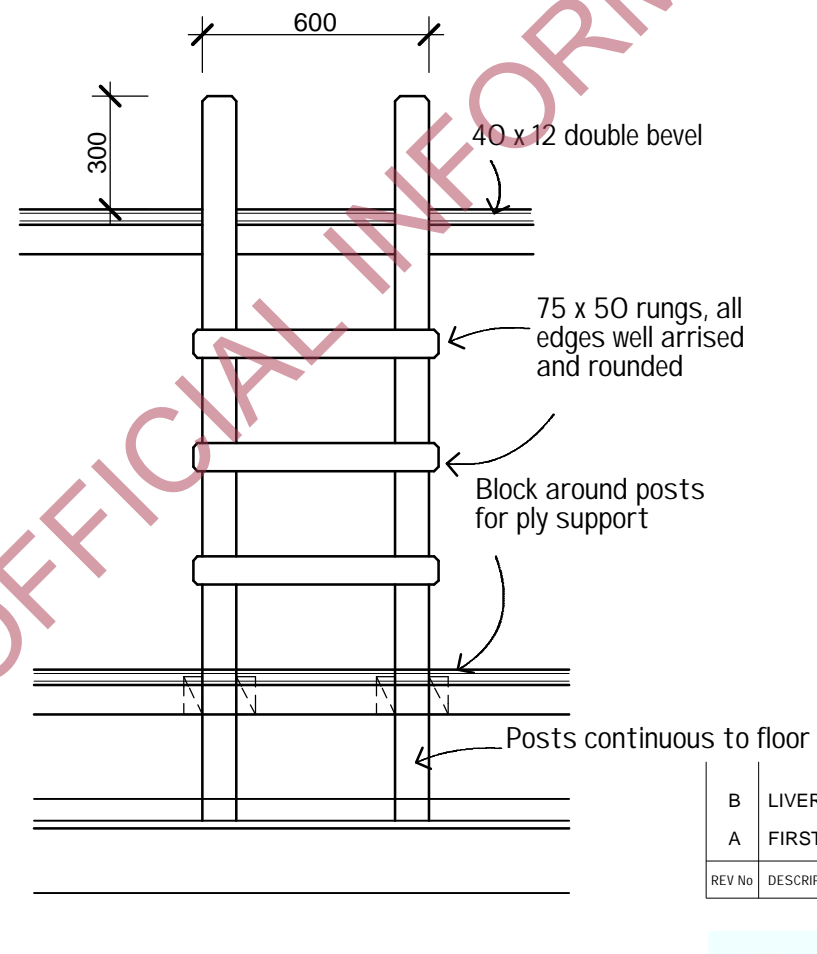
CONTRACTOR SHALL CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION

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NOT IN THIS CONTRACT



typical platform bunk section
1:20




typical ladder detail
1:20

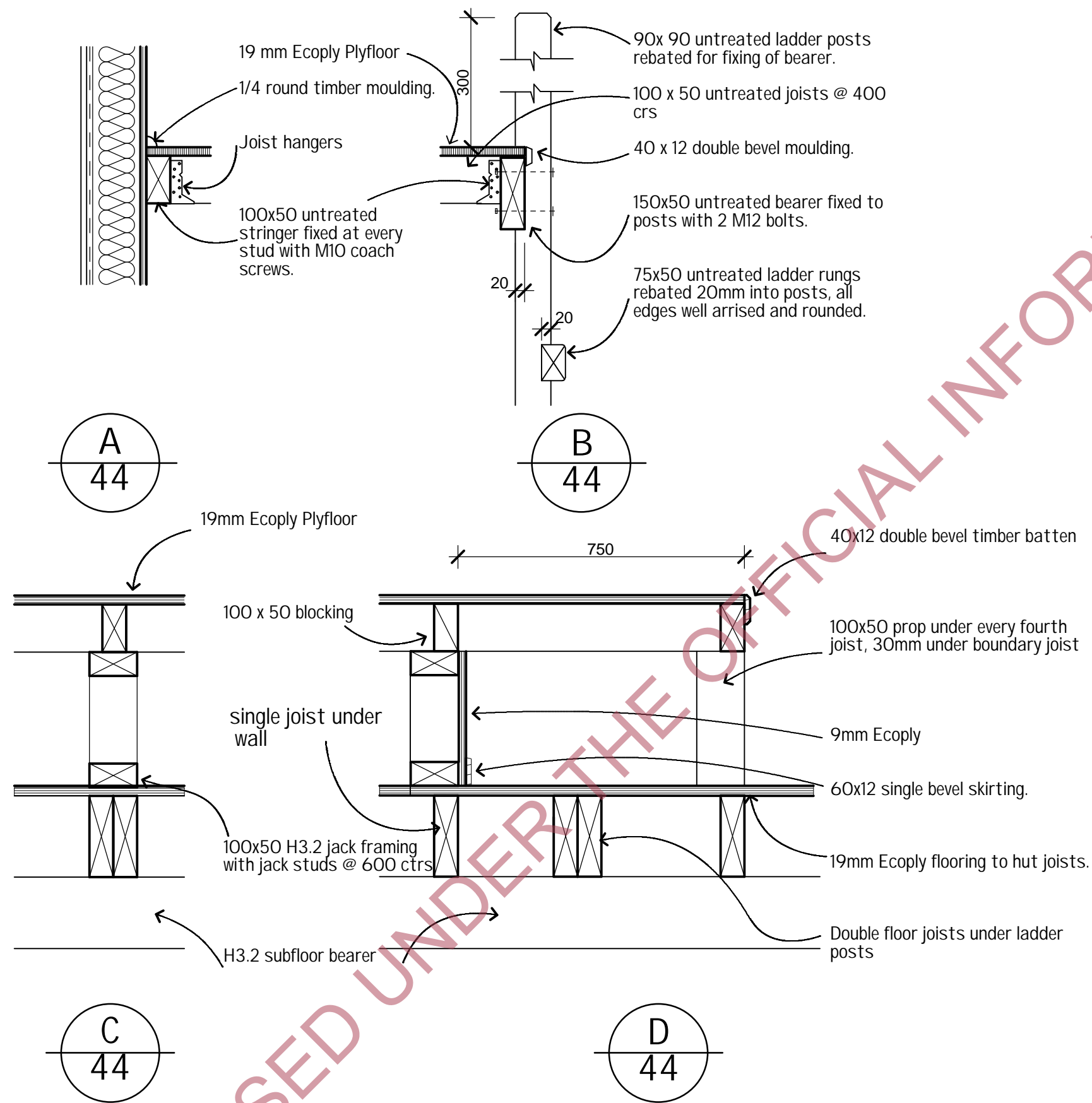
B	LIVERPOOL HUT TENDER & BUILDING CONSENT	MAY 08	RW	RP
A	FIRST ISSUE	JUNE 06	GR	RP
REV No	DESCRIPTION	DATE	DWN	CKD



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	CLIENT						DEPARTMENT OF CONSERVATION	
	SHEET CONTENTS				SCALES			
	PLATFORM BUNKS-PACK RECESS TYPICAL SECTION				1:20			
DESIGN	RP	DRAWN	GWR	CHECKED	RP	SHEET No.	REVISION	
DATE	Jun 2006			44	B			

CONTRACTOR SHALL CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION



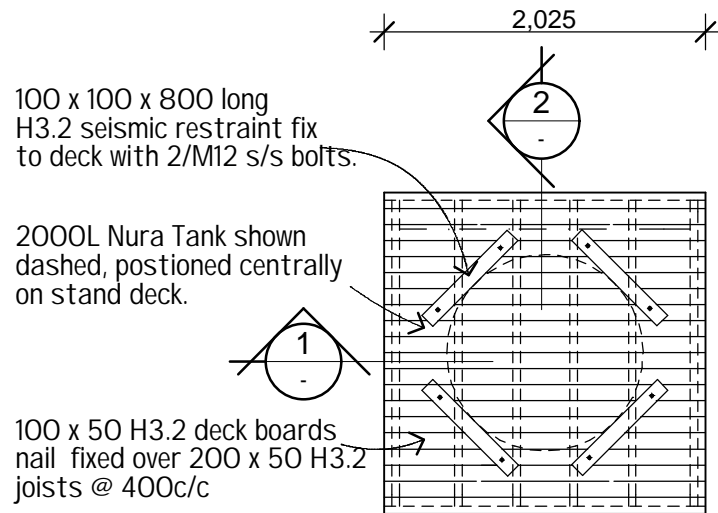
typical platform bunk details
1:10

CONTRACTOR SHALL CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION

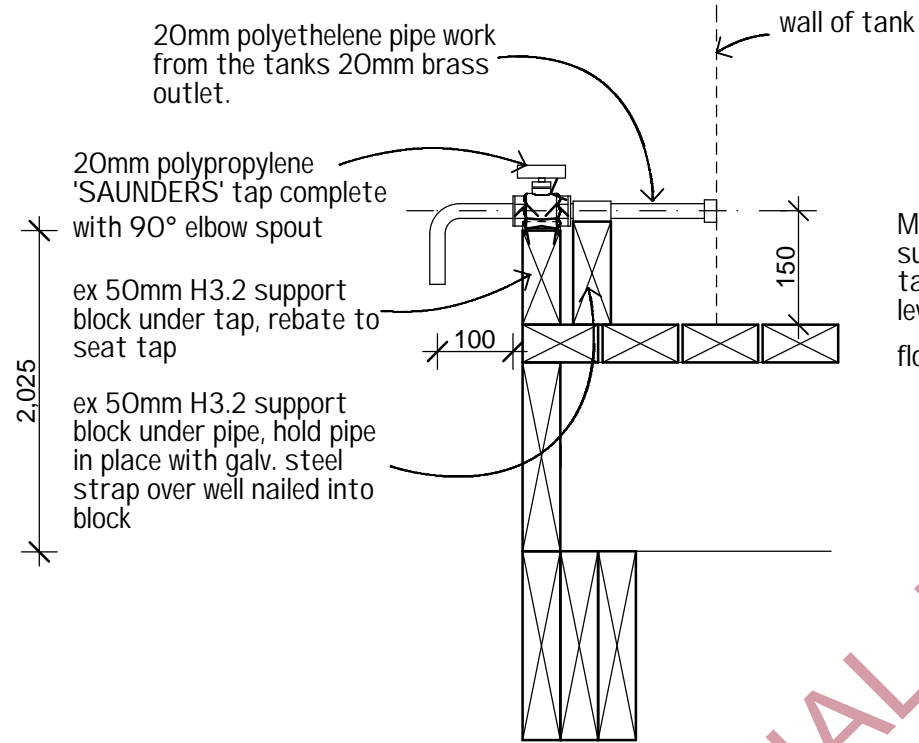
A	FIRST ISSUE	JUNE 06	GR	RP
REV No	DESCRIPTION	DATE	DWN	CKD



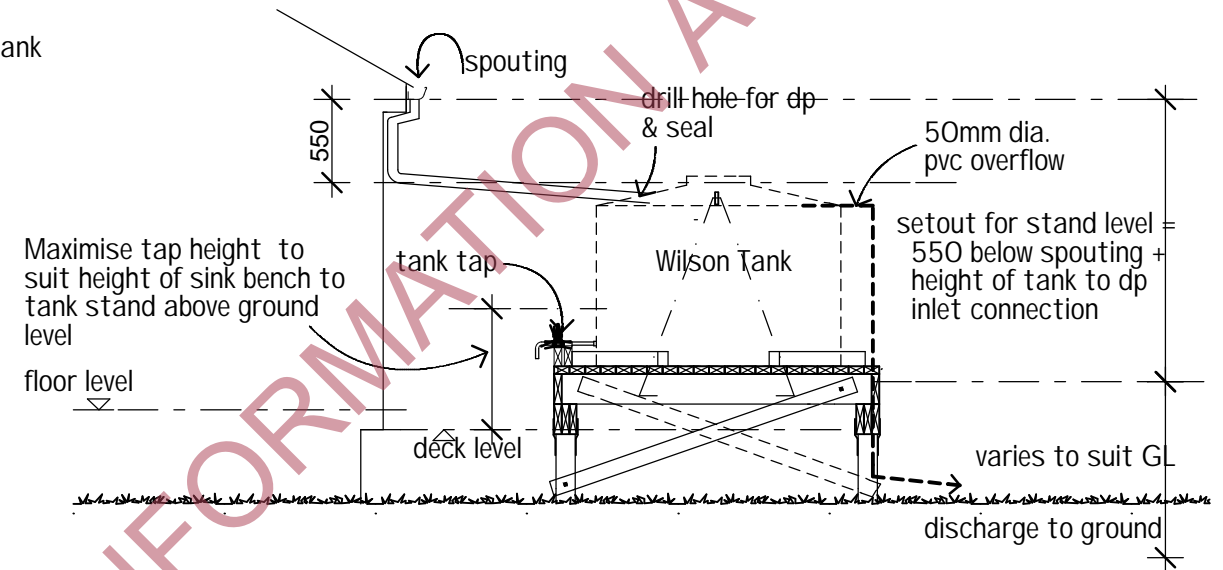
 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177	PROJECT		HUT DESIGN MANUAL FIXTURES & FITTINGS 10 & 12 BUNK HUTS						
	CLIENT				DEPARTMENT OF CONSERVATION				
	SHEET CONTENTS		SCALES						
	PLATFORM BUNKS TYPICAL DETAILS		1:10						
DESIGN	RP	DRAWN	GWR	CHECKED	RP	SHEET No.	45	REVISION	A
DATE		Jun 2006							



plan on tank stand
1:50



3 tap detail
1:10

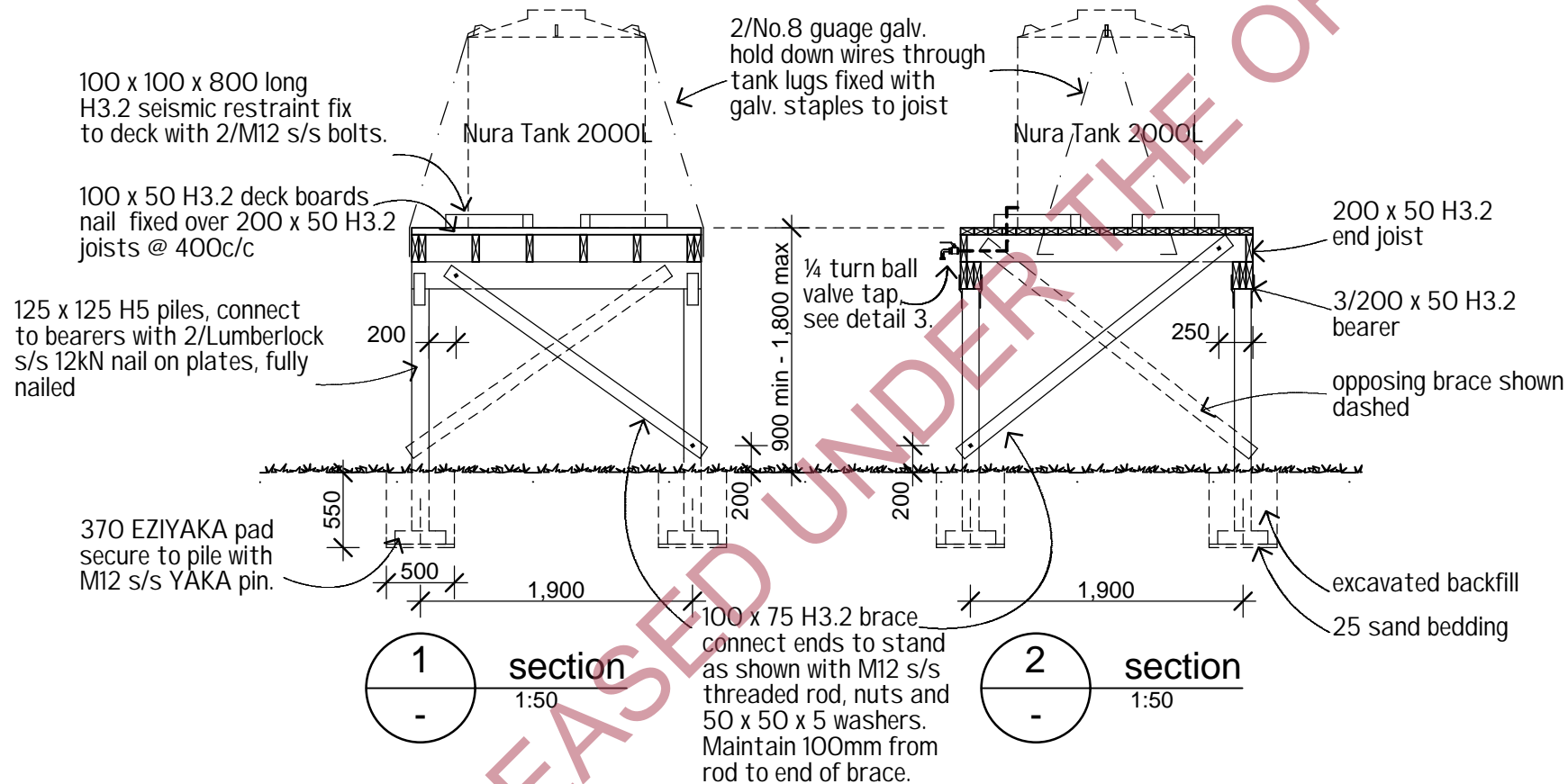


water supply schematic

1:50

note:

1. tank supplied complete with:
 - screw lid, with leaf strainer
 - 50mm pvc overflow
 - 20mm polyethylene outlet with washers on each side of tank wall
 - Tie down lugs



1 section
1:50

2 section
1:50

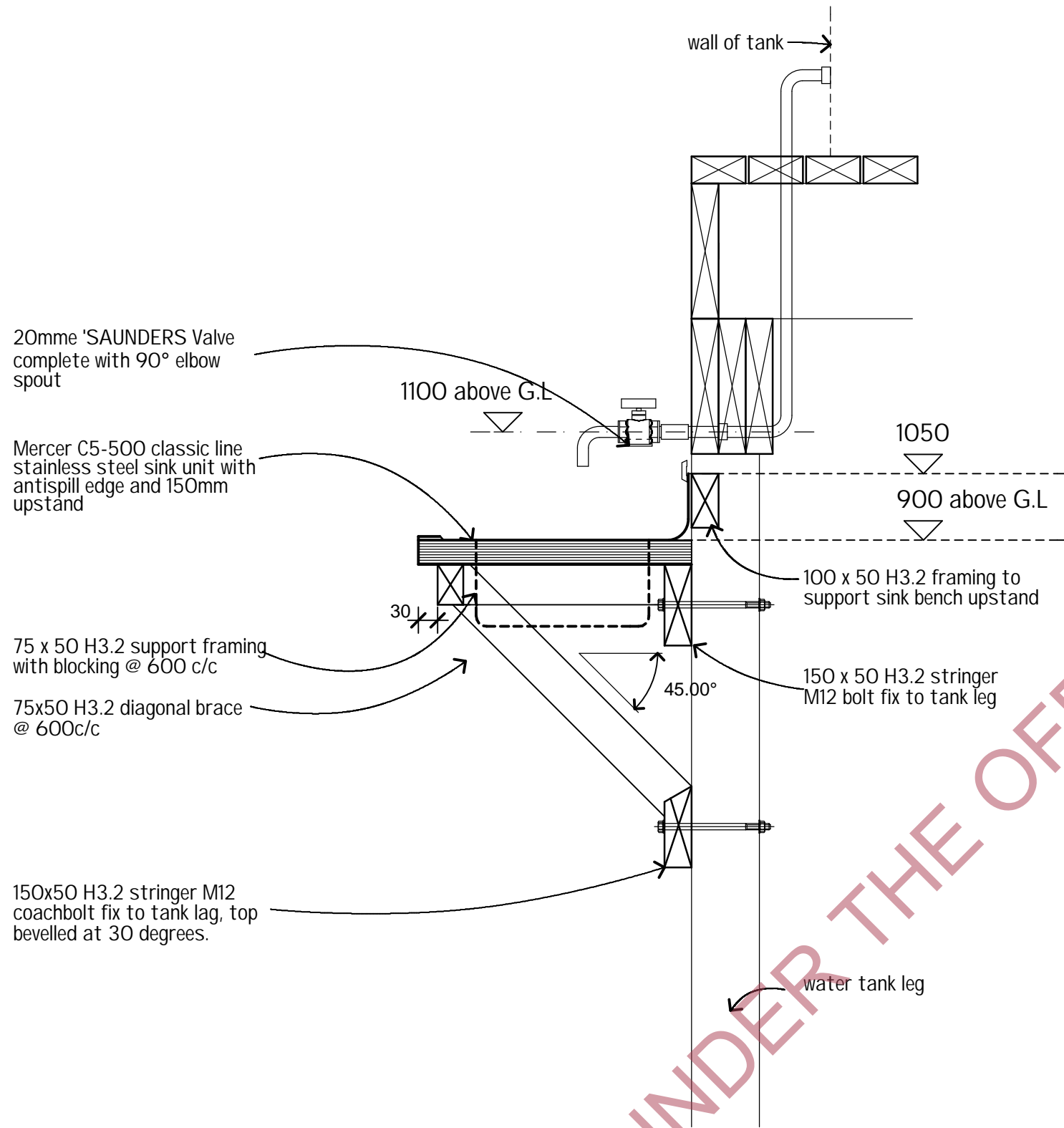
CONTRACTOR SHALL CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION

A	FIRST ISSUE	JUNE 06	GR	RP
REV No	DESCRIPTION	DATE	DWN	CKD

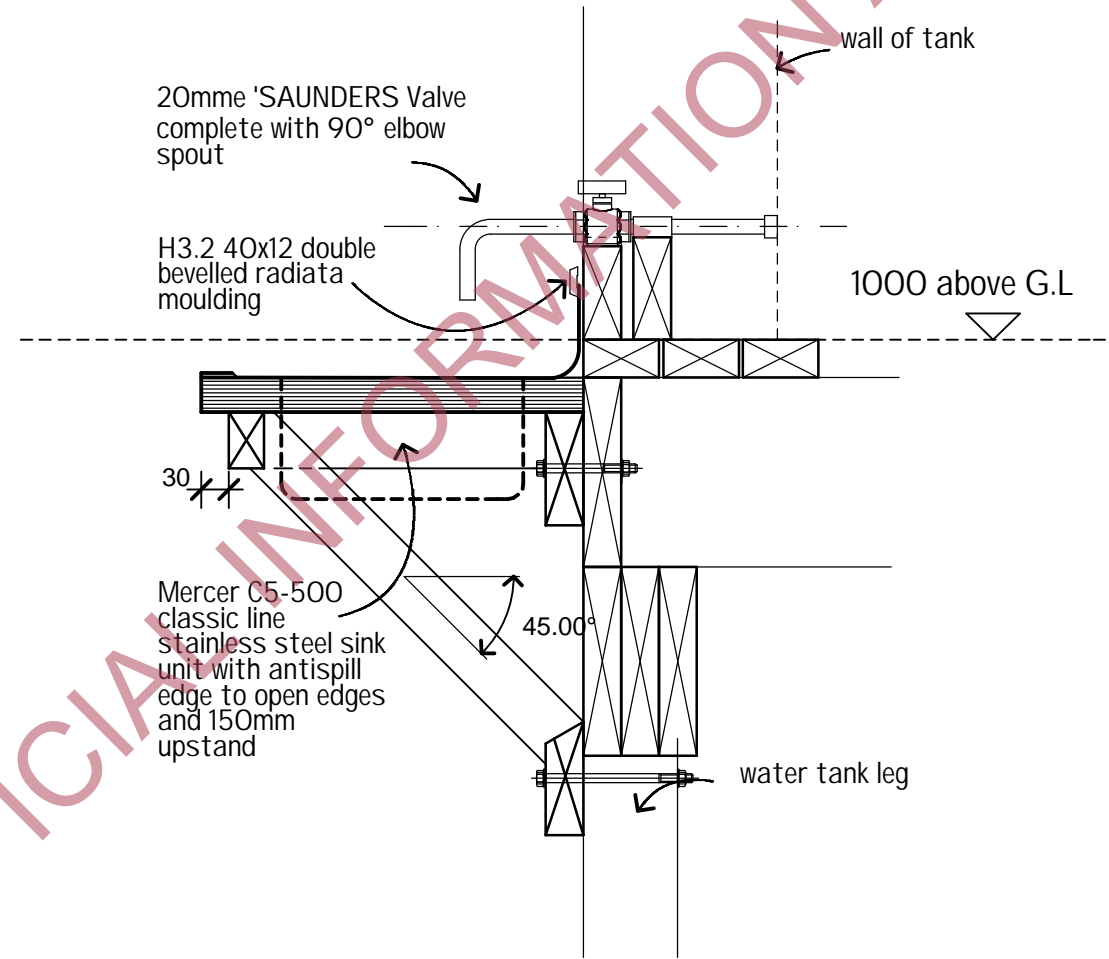


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Te Papa Atawhai

 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177	PROJECT		HUT DESIGN MANUAL	
	CLIENT		DEPARTMENT OF CONSERVATION	
	SHEET CONTENTS		SCALES	
	2000L WATER TANK STAND		1:50 1:10	
DESIGN	RP	DRAWN	GWR	CHECKED
DATE	Jun 2006	SHEET No.	51	REVISION
				A



sink bench to water tank stand. stand height >1000 above ground
1:10



sink bench to water tank stand. stand height ≤1000 above ground
1:10

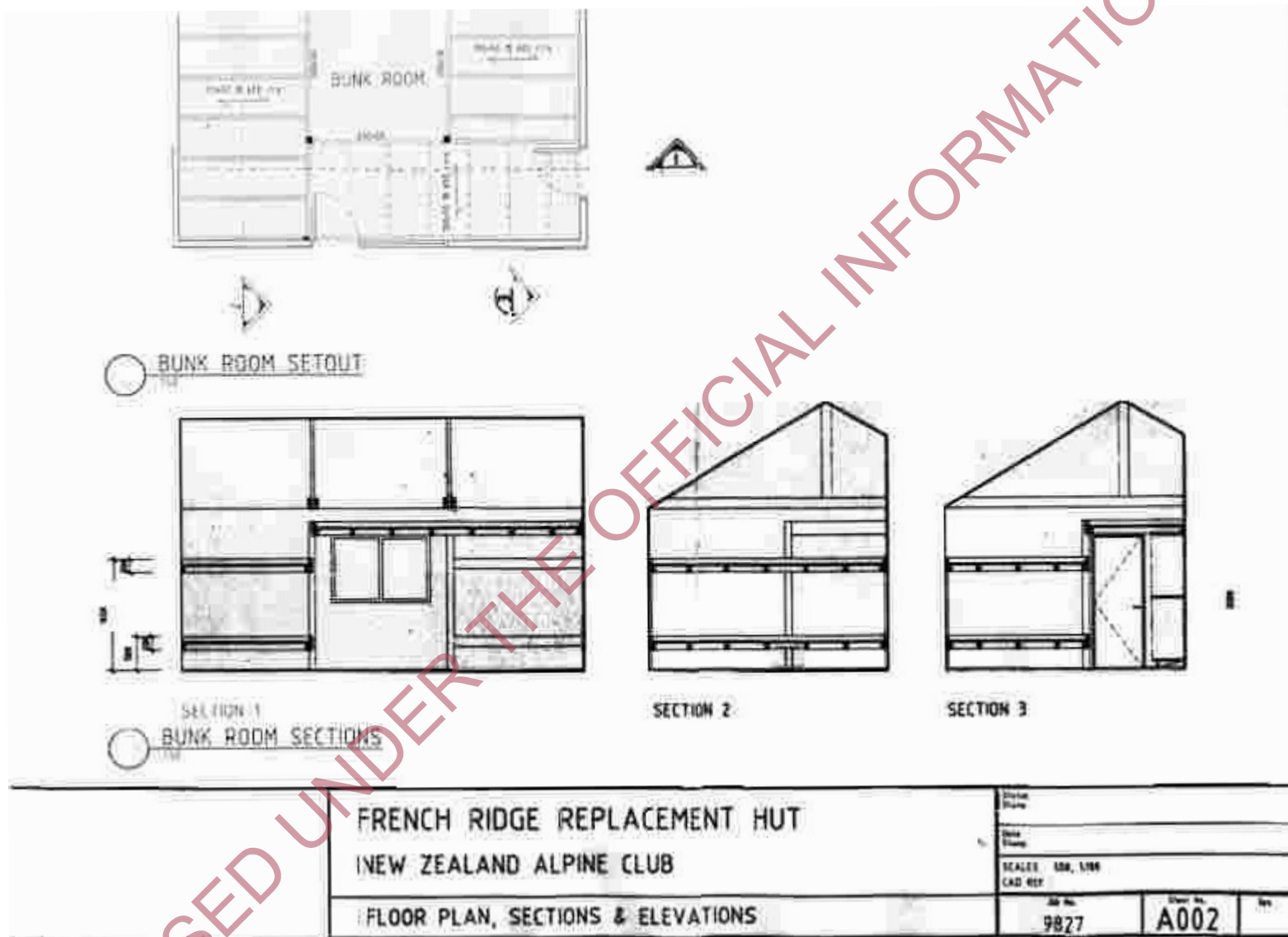
A	FIRST ISSUE	JUNE 06	GR	RP
REV No	DESCRIPTION	DATE	DWN	CKD



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 PYNENBURG & COLLINS ARCHITECTS LTD Capiche House 111 Dixon St P.O. Box 2115 Wellington 1 Phone: 0-4-473 7577 Fax: 0-4-384 5177	PROJECT				HUT DESIGN MANUAL FIXTURES & FITTINGS 4/6/10 & 12 BUNK HUTS			
	CLIENT						DEPARTMENT OF CONSERVATION	
	SHEET CONTENTS				SCALES			
	EXTERIOR SINK - TANK STAND				1:10			
DESIGN	RP	DRAWN	GWR	CHECKED	RP	SHEET No.	REVISION	
DATE				Jun 2006		53	A	

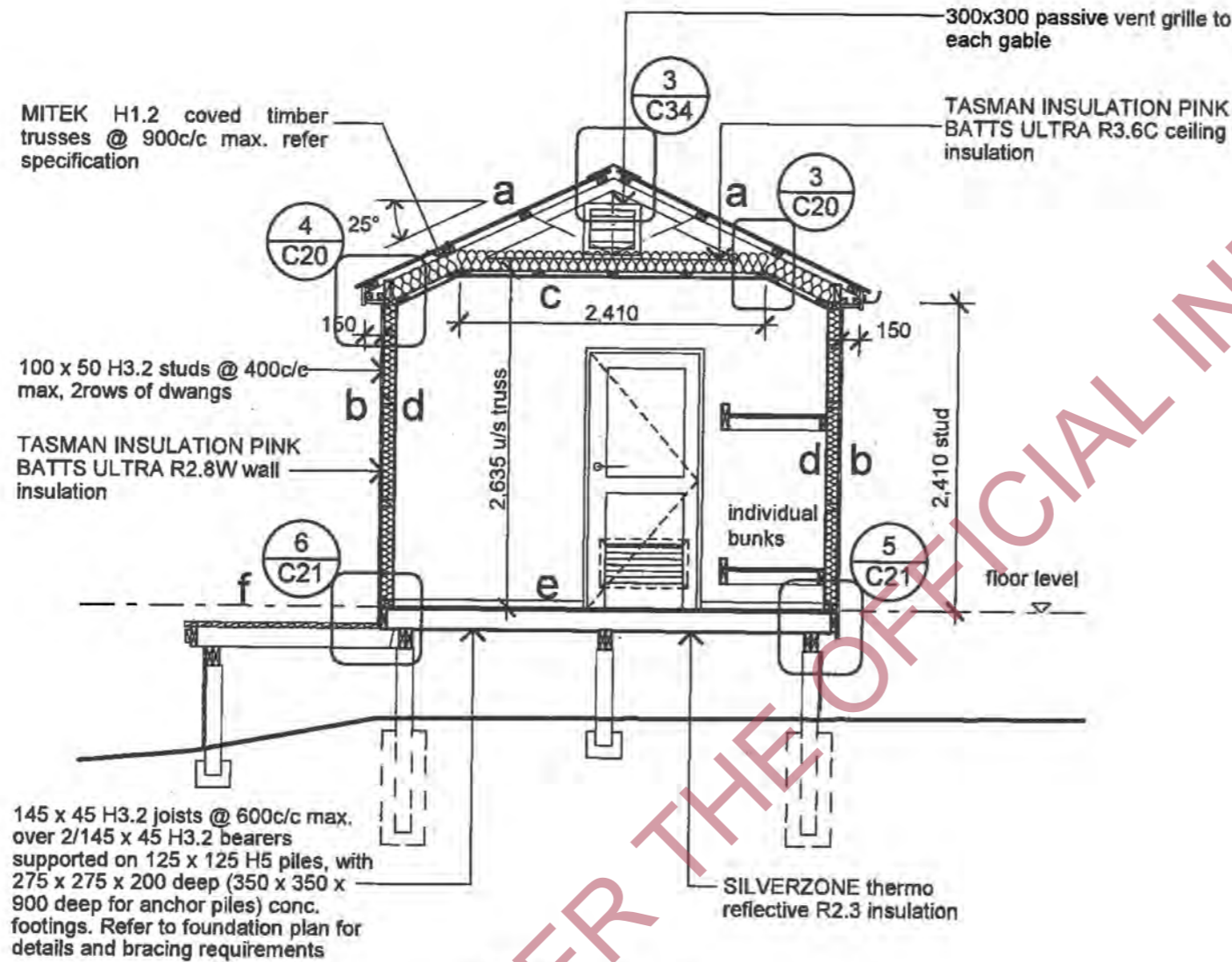
CONTRACTOR SHALL CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION



Attachment 7

Material Note:

- a COLORSTEEL ENDURA 0.40BMT CORRUGATE PROFILE roofing over TASMAN INSULATION FLAMESTOP 660 building paper over 70 x 45 H3.2 purlins on flat @ 800c/c max. evenly spaced.
- b COLORSTEEL ENDURA 0.40BMT CORRUGATE PROFILE cladding over TASMAN INSULATION BITUMAC 860 building paper over timber framing. Refer to floor plan for framing sizes & c/c.
- c CHH 9mm ECOPLY CD grade untreated ceiling lining over 70 x 35 H1.2 battens @ 600c/c max.
- d CHH 9mm ECOPLY CD grade untreated wall lining with 10mm gap to flooring.
- e CHH 19mm ECOPLY CD grade H3.2 LONGSPAN flooring F8 over timber joists. Refer to foundation plan for sub floor framing sizes & c/c.
- f 90 x 35 H3.2 grip tread decking, grip side up, even nail spacing. 10mm gap between first piece of decking and wall cladding. Refer to foundation plan for sub floor framing sizes & c/c.



A Section
1:50

B	Tender & Building Consent	Mar 09	ID	RP
A	Developed Design	Feb 09	ID	RP
REV No	DESCRIPTION	DATE	DWN	CRD
Drawing Issue and Amendments				
V4.0 Standard Visitor & Bunk Hut - Appendix B2.2 - Deck Option				



PYNENBURG & COLLINS
ARCHITECTS LTD
Capitche House
111 Dixon St
P.O. Box 2115
Wellington 6140
Phone: 04 - 473 7577
Fax: 04 - 384 5177
www.pc-architects.co.nz

Contractor shall check all Dimensions on site prior to construction

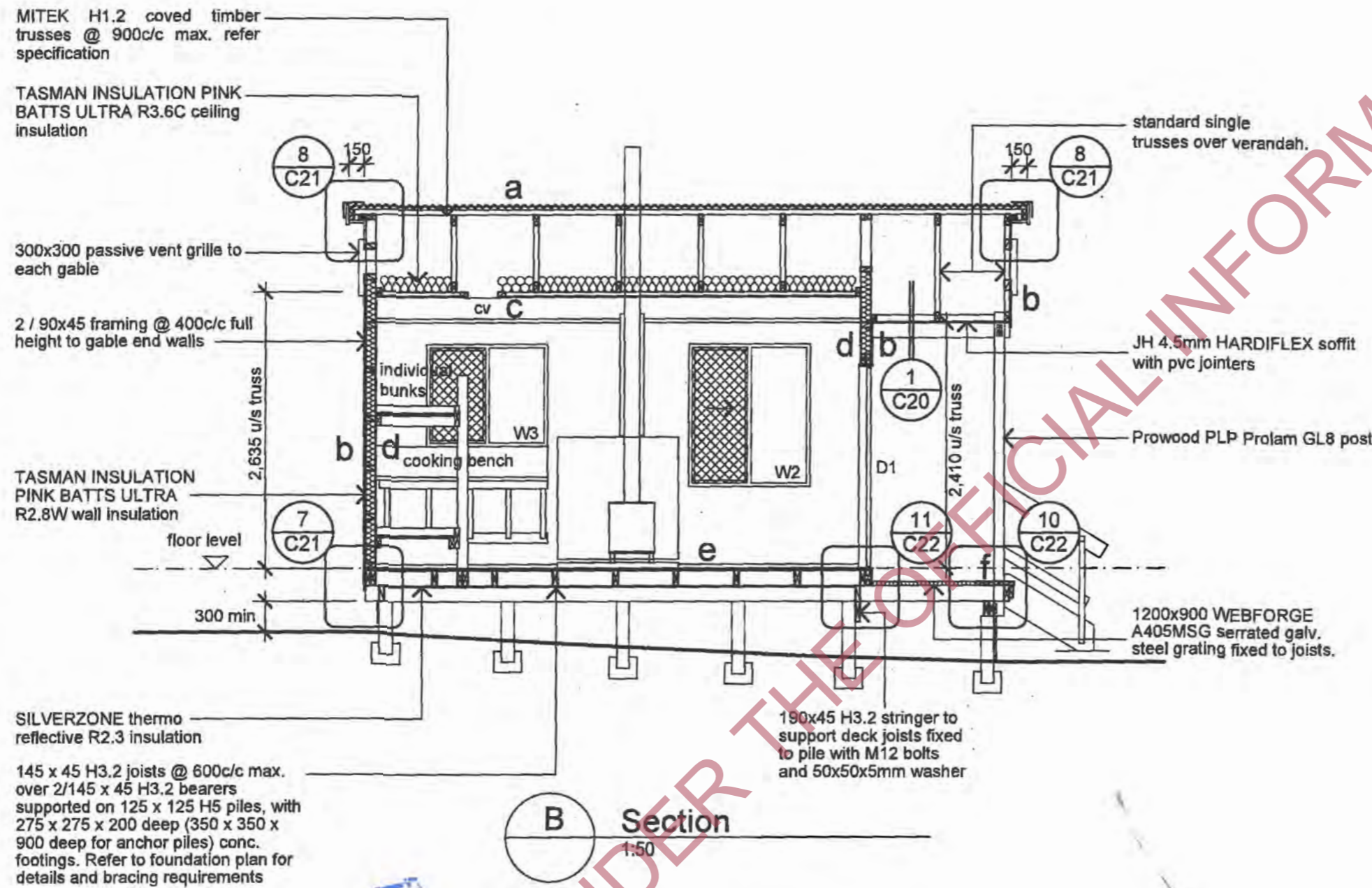


PROJECT	LOWER ARAHURA HUT	
LOCATION	ARAHURA RIVER WAITAKI HISTORIC RESERVE	
AREA OFFICE	HOKITIKA AREA OFFICE	
SHEET CONTENTS	section A	SCALES 1:50
DESIGN	DRAWN	CHECKED
RP	GR	RP
DATE	PROJECT No.	0901
February 2009		C04DB

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Material Note:

- a COLORSTEEL ENDURA 0.40BMT CORRUGATE PROFILE roofing over TASMAN INSULATION FLAMESTOP 660 building paper over 70 x 45 H3.2 purlins on flat @ 800c/c max. evenly spaced.
- b COLORSTEEL ENDURA 0.40BMT CORRUGATE PROFILE cladding over TASMAN INSULATION BITUMAC 860 building paper over timber framing. Refer to floor plan for framing sizes & c/c.
- c CHH 9mm ECOPLY CD grade untreated ceiling lining over 70 x 35 H1.2 battens @ 600c/c max.
- d CHH 9mm ECOPLY CD grade untreated wall lining with 10mm gap to flooring.
- e CHH 19mm ECOPLY CD grade H3.2 LONGSPAN flooring F8 over timber joists. Refer to foundation plan for sub floor framing sizes & c/c.
- f 90 x 35 H3.2 grip tread decking, grip side up, even nail spacing. 10mm gap between first piece of decking and wall cladding. Refer to foundation plan for sub floor framing sizes & c/c.



J:\Clients\CAD\0901 Lower Arahura hut\0901 Drawing Documents\0901 Lower Arahura Hut.pin

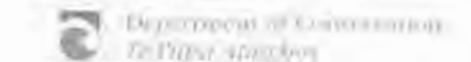
Barry Bone
 Compliance Officer
 Westland District Council

B	Tender & Building Consent	Mar 09	ID	RP
A	Developed Design	Feb 09	ID	RP
REV No	DESCRIPTION	DATE	DWN	CKD
Drawing Issue and Amendments				
V4.0 Standard Visitor 6 Bunk Hut - Appendix B1.2				



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Contractor shall check all Dimensions on site prior to construction



PROJECT	LOWER ARAHURA HUT		
LOCATION	ARAHURA RIVER WAITAKI HISTORIC RESERVE		
AREA OFFICE	HOKITIKA AREA OFFICE		
SHEET CONTENTS	section B	SCALES	1:50
DESIGN	DRAWN	CHECKED	PROJECT No.
RP	GR	RP	0901
DATE	February 2009		
			C05 B

Asset Number
1 7 2 0 6

Page 3 of 1 8

B THE BUILDING

Complete



B1 PHOTOGRAPHS

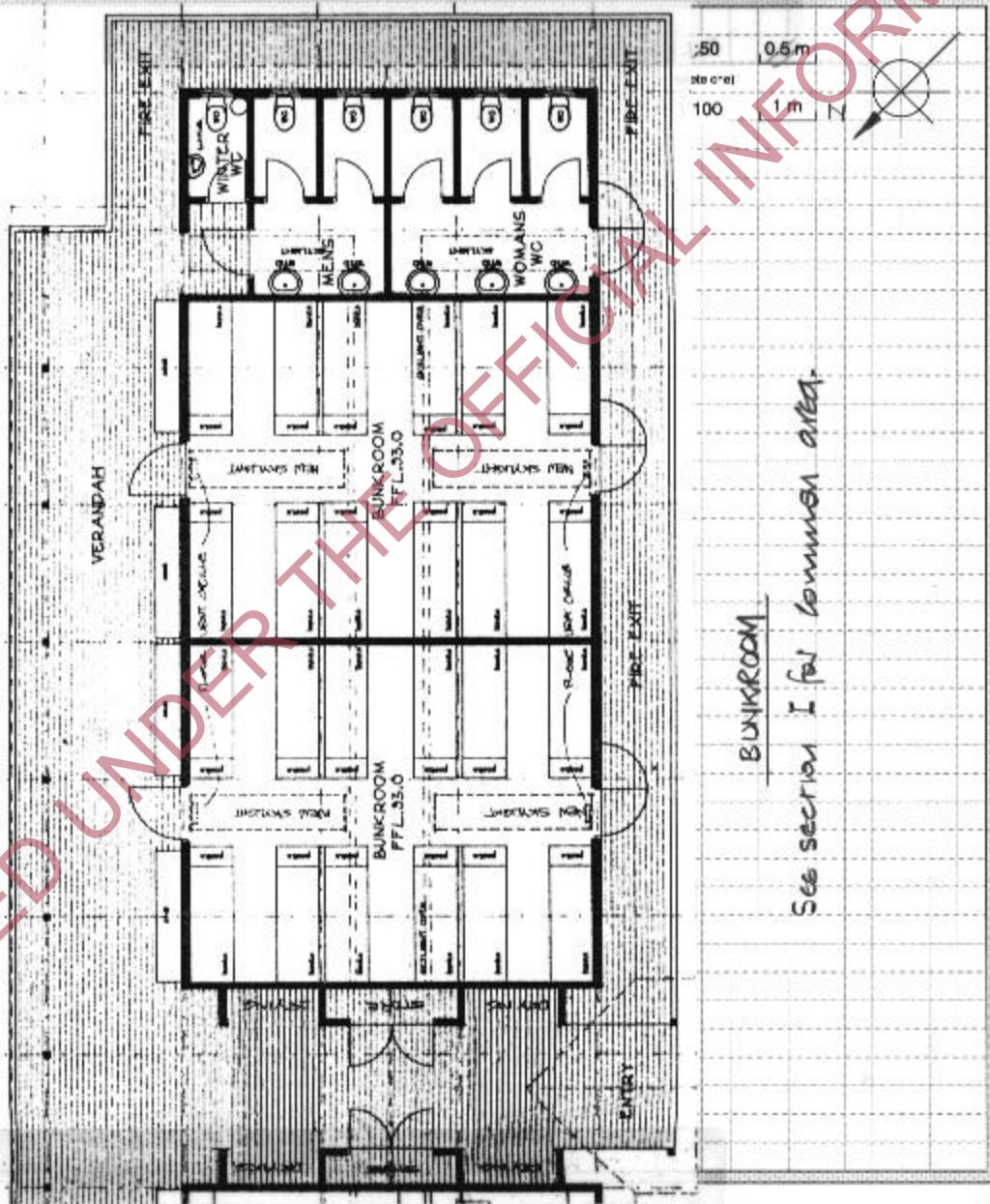


Photograph each exterior elevation and two photographs of each interior room (from opposing corners).

B2 FLOOR PLAN



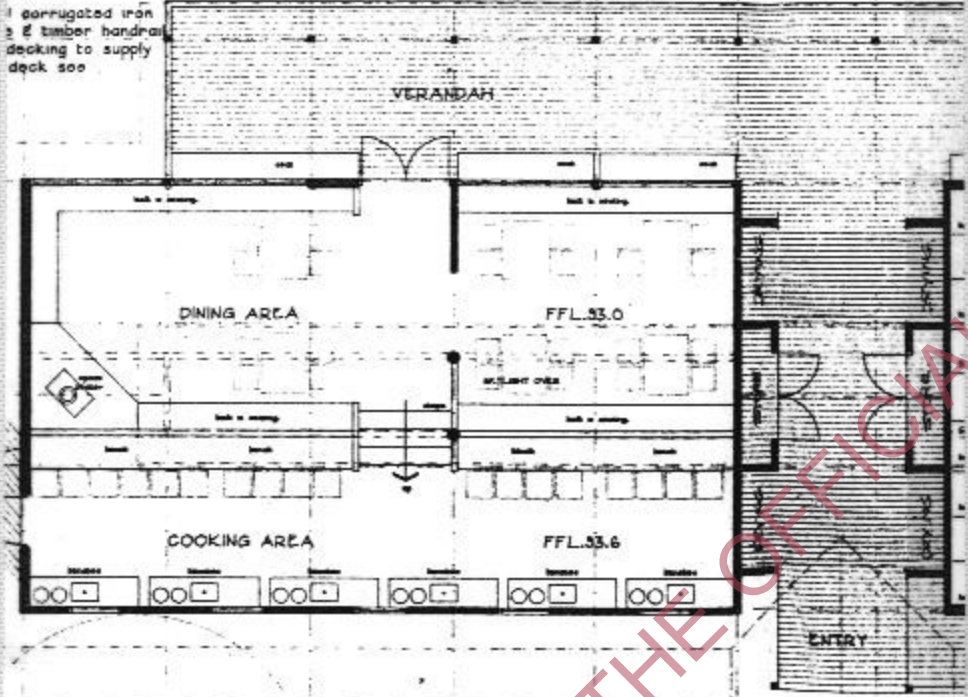
Draw floor plan to scale noting: walls, overall and interior dimensions, section plane(s); joinery numbers (e.g., doors D1, D2, D3, etc; windows W1, etc; skylights S1, etc); floor, staircases, handrails, deck, bunks/platforms; construction, materials, services, fixtures and fittings; fire safety items; outlets, gully traps, downpipes; ground at corners and topography (all spot heights relative to main floor datum of 0m).



BUNKROOM

See section I for common area.

1 corrugated iron
3 2 timber handrail
decking to supply
deck 500



1 ADDITIONAL INFORMATION (Continue on separate sheet if necessary)

Item No.	Condition/Remedial Work	Photo
1.1		
1.2		
1.3		

H OTHER (Continue on separate sheet if necessary)

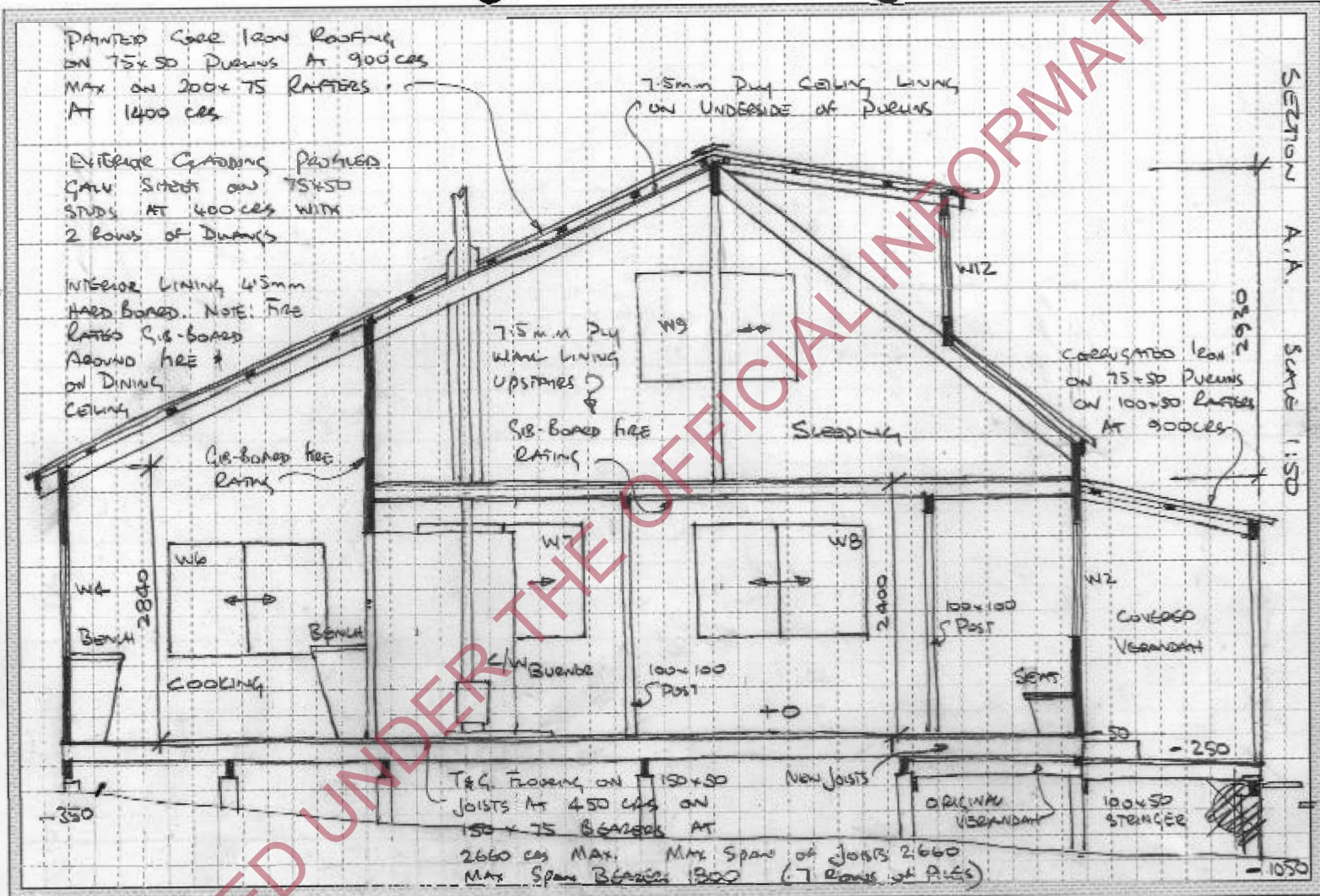
1. Description

Asset Number
117206

Page 15 of 18

Complete

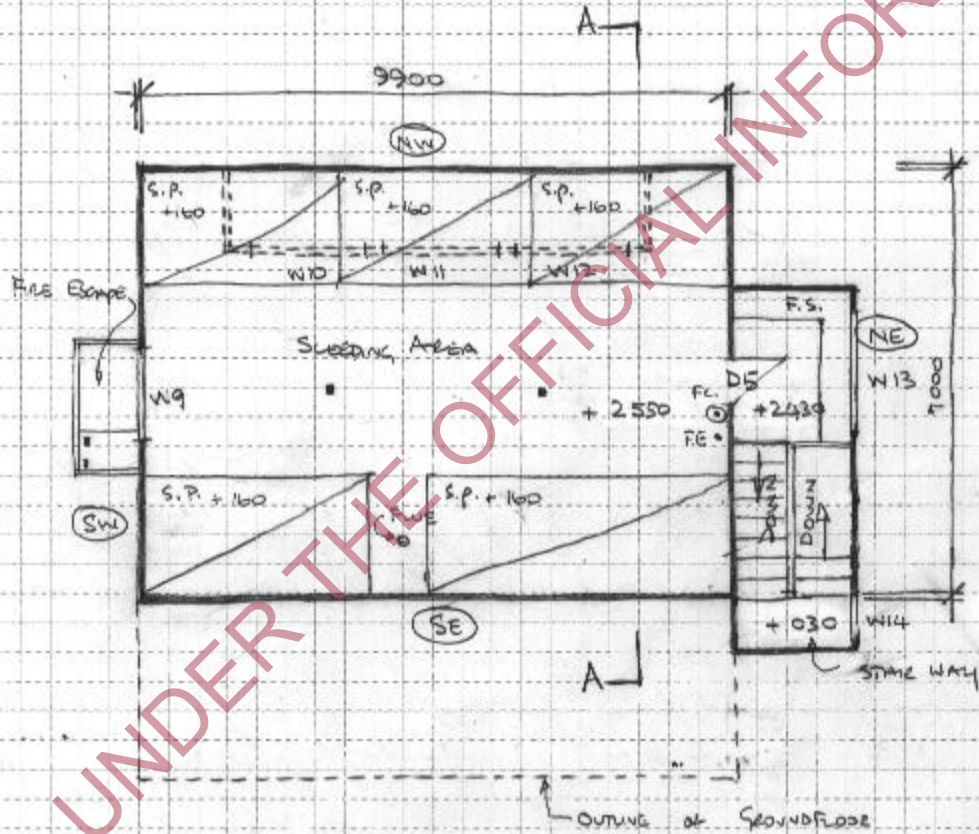
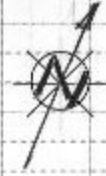
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 Page 17 of 19

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SCALE 1:100



- S.P. SLEEPING PLATFORMS
- F.C. FIRE CALL POINT
- F.E. FIRE EXTINGUISHER
- F.S. FIXED SEATING

FIRST FLOOR LEVEL

S.P. = SLEEPING PLATFORMS
160 ABOVE FLOOR

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