

B	Added extra wall for bracing	22/06/20
A	Consent submission	
REV	COMMENT	DATE

Total area (over frame): 93.2m<sup>2</sup>  
 Additional coverage area not exempt under the district plan: 6.2m<sup>2</sup>

**METRA PANEL CONSTRUCTION**

Metra Wall & Ceiling Panels to be used & installed to Metra Panel Design and Construction Manual (By Metrapanel Ltd) & BRANZ Appraisal (No. 364-2007). Fixing details have been included with the specification, but contractors must be familiar with the construction manual and method.

Building wrap to all exterior walls to be Thermakraft Watergate

**H1 Insulation Compliance:**

- Selections:**
- Wall - 60mm Koolfoam Black Pearl EPS R1.93
  - Ceiling - Pink Batts Classic R3.6
  - Floor - Expol Underfloor R1.8 Black

**D1 Access:**

Building access to be either profiled timber decking with the profile laid across the access, or concrete with a broom finish (Class U5-U6) or wood float finish (Class U2). Alternatively any other material with a tested wet slip co-efficient of not less than SRV 39 per NZBC D1/AS1.

**G4 Ventilation:**

Mechanical extract fans (including associated ducting) shall vent to soffit or exterior and must have a flow rate not less than:

- 25 L/ for showers and baths
- 50 L/ for cooktops

**Notes:**

Dimensions show framing size unless otherwise stated. All dimensions are to be checked on site prior to construction or prefabrication.

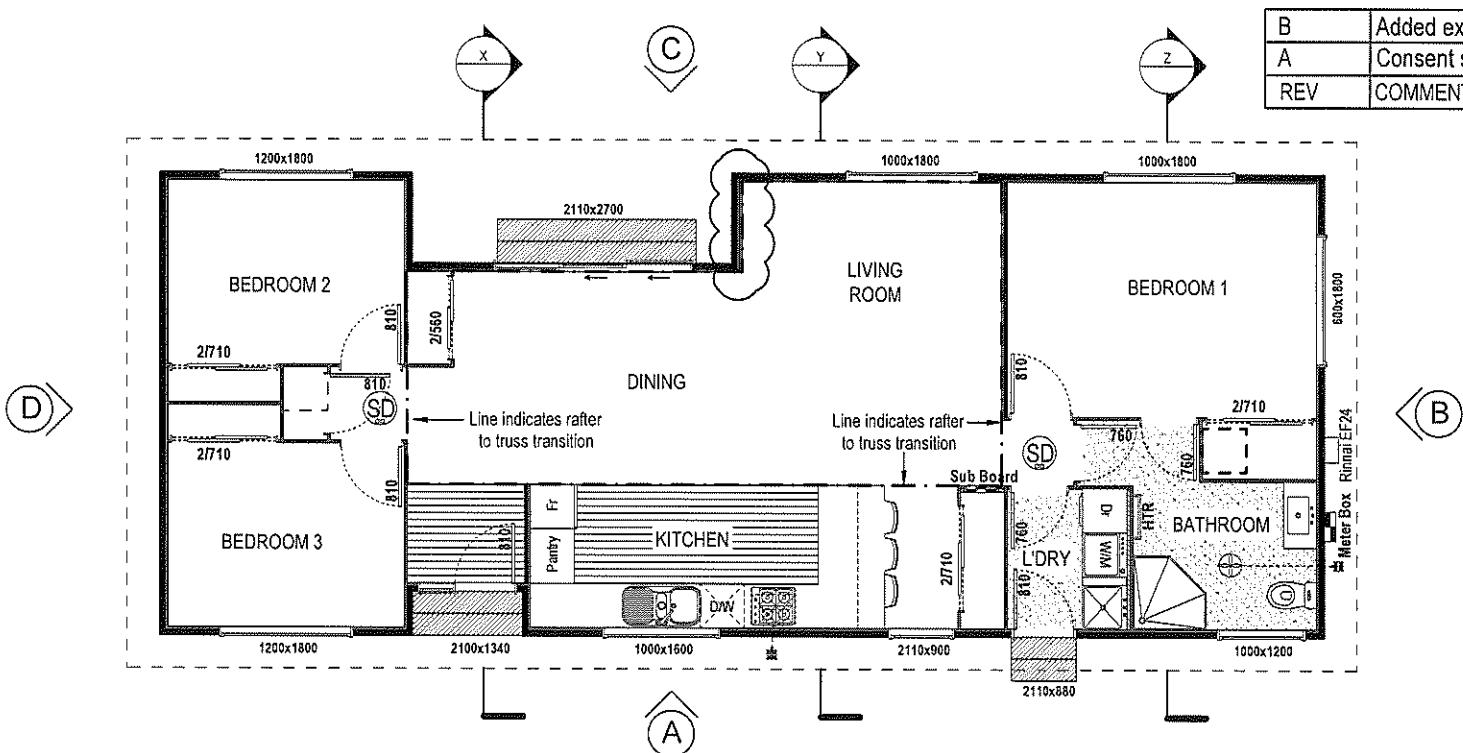
All door sizes noted on layout plan are leaf size.

Any window or door size given on this plan is unit size - NOT the trim size - and is in the format of: height x width.

Legend:

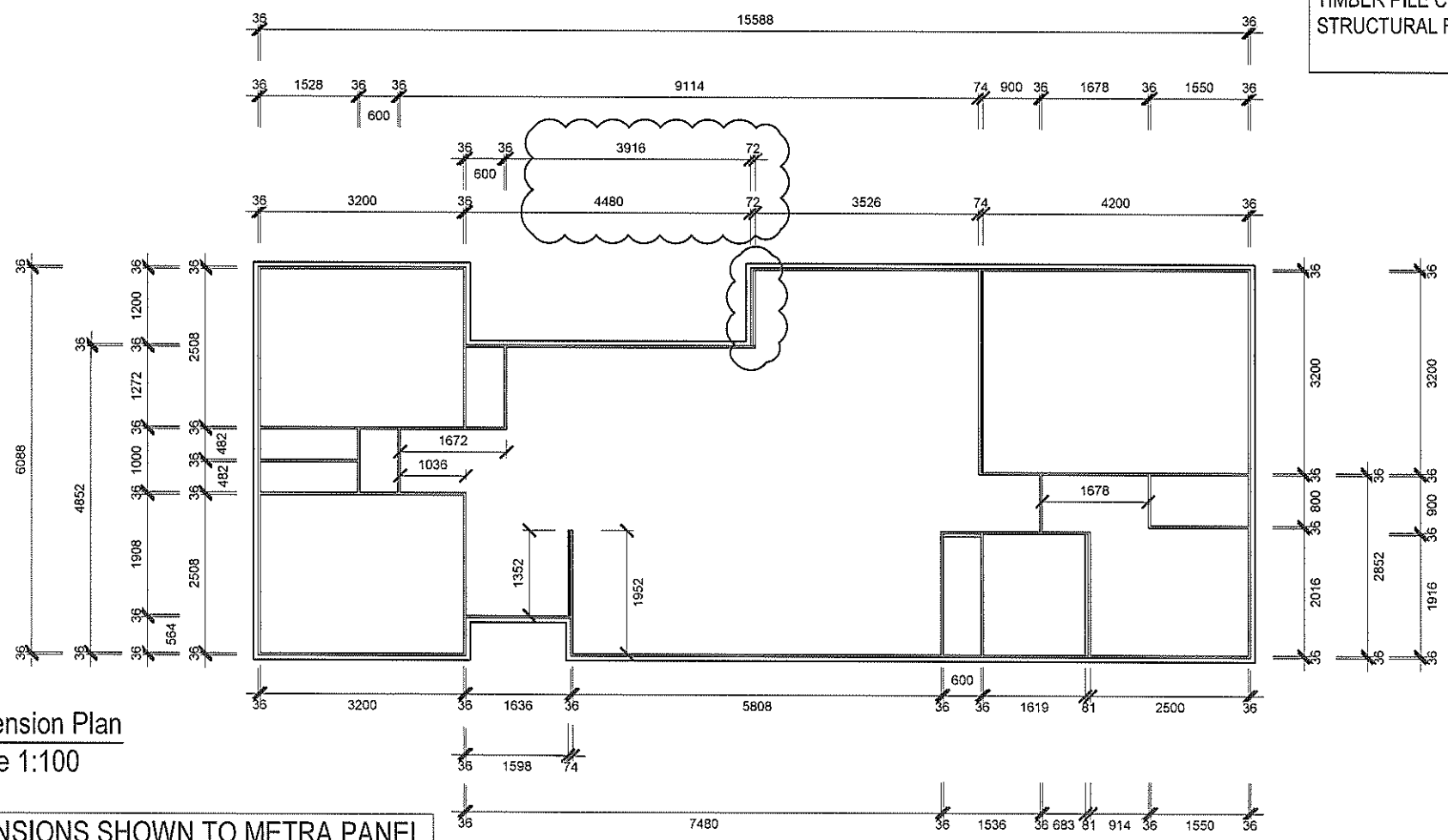
- (A) Elevation Label and Direction
- (SD) Battery operated hush button smoke alarm, smoke alarm to be installed on the ceiling positioned so the test button is readily accessible.
- [ ] Roof space access hatch, 600x600mm min.
- ⊕ Manrose EL100S extractor fan, refer A4 Docs for specifications (or other mechanical ventilation unit with equivalent or better performance.) Vented to soffit or exterior.
- [ ] Vinyl flooring.
- [ ] Vinyl plank flooring.

Floor Plan  
Scale 1:100



**FIXINGS FOR EXPOSURE ZONE C:**  
 TIMBER PILE CONNECTIONS (600mm or below) = 304 Stainless steel  
 STRUCTURAL FIXINGS - EXPOSED = 304 Stainless steel  
 SHELTERED = Hot-dipped galv.

Dimension Plan  
Scale 1:100



ALL DIMENSIONS SHOWN TO METRA PANEL

Entry and exit steps demonstrating compliance with D1, refer to note below

Doors / access ways with a step over 190mm to have a timber or concrete step (s) outside, that is the full width of the door, has a minimum 'tread' depth of 280mm, and maximum step height of 190mm. Where access ways are exposed to in-service wetting decking is to be laid parallel to door opening and concrete is to have a broom or wood float finish in accordance with D1/AS1.

- METRA 36mm exterior wall panels / 70 x 45 structural battens @ 600mm crs. Total Thickness 106mm
- METRA 36mm interior wall panels, total Thickness 36mm (Double 36mm METRA Panels where noted)
- METRA 36mm interior wall panels / 45 x 45 structural battens @ 600mm crs.
- GIB Aqualine 10mm interior wall (not shown in hatch) Total Thickness 126mm (Plumbing Cavity)

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Project: Transportable Home - "Kawakawa" Model  
 Client: Caliber Homes N.Z Ltd

Site: 89 Kawakawa Rd Feilding

Title: FLOOR & DIMENSION PLANS

Status:	Consent	
Scale:	@A3 1:100	Date: 6/05/2020
Project:	19286b	Drawing: A201
		Revision: - B