



# TE KATONGA NUI

LOT NUMBER

1

HOUSE SIZE

127 SQM

SECTION SIZE

733 SQM

NUMBER OF BEDROOMS

3

NUMBER OF BATHROOMS

2



DELIVERED IN PARTNERSHIP  
WITH KA URURANGI

[WWW.TEKATONGANUI.NZ](http://WWW.TEKATONGANUI.NZ)

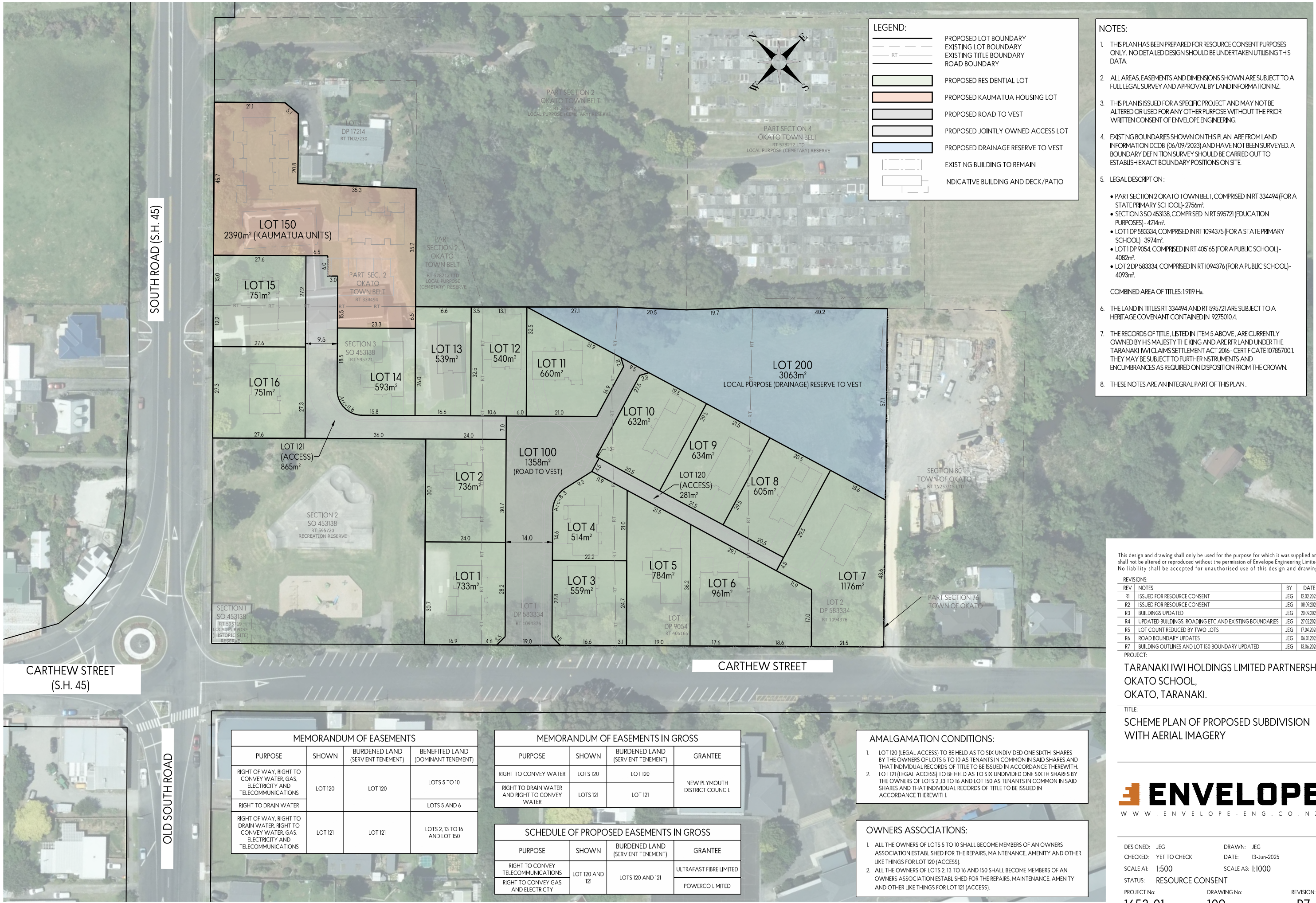
PLANNING & ZONING		CONSTRUCTION		CLADDING		FITOUT	
Lot / DP Number	Lot 1 DP 583334, Section 3 SO 453138	Foundation Type	Cupolex Foundation	Wall Cladding Type 1	JH Linea Weatherboard	Flooring Types	Carpet/Vinyl
Address	Ōkato School Development Taranaki	Stud Height	2.4m	Wall Cladding Type 2	JH Axon 133	Balustrade Type	N/A
Territorial Authority	NPDC	Typical Joinery Height	2.1m	Wall Cladding Type 3	N/A	Shower Type	Acrylic
District Plan Zone	Low Density Residential	Typical Internal Door Height	2m	Roof Cladding	Trapezoidal Coloursteel	Water Heating	Stiebel Eltron WWK 222 H
Easements	N/A	Rebated Joinery	No	Fascia Type	Metal	Space Heating	Heatpump
Relevant Consent Notices	Consent Notices in Approved RC	Wall Underlay	Thermakraft Watergate Plus	CONSULTANTS		SITE/BUILDING INFORMATION	
Resource Consent #	SUB23/48158 & LUC24/48481	Roof Underlay	Thermakraft Covertek 401				
Wind Zone	High as per NZS3604	Wall Insulation	90mm Pink Batts R2.2	Topographical Survey	Envelope	Site Coverage	183.79m²/25.1%
Corrosion Zone	C	Ceiling Insulation	245mm Pink Batts Superbatts R6 Ceiling	Structural Engineer	N/A	Floor Area	127
Earthquake Zone	1	Floor Insulation	N/A	Geotechnical Engineer	Envelope	Minimum Floor Level (to u/s floor)	To NZBC
		Wet Area Membrane	N/A	Truss Manufacturer	ITM		



Artistic impression only, not to be used for construction

Lot 1	Client:	Taranaki Iwi Holdings LP	 Print In Color		Drawing Set:	Working Drawings	All work must comply with relevant NZS & council requirements. All dimensions to be verified on site by contractor prior to commencing work, do not scale from drawings. If there are any inaccuracies with the drawings please contact designer immediately. Copyright for design & drawings retained by Prime Designs Wgtn Ltd.
Ōkato School Development	Job No:	24101			Drawn By:	B Buchanan-Smith	
Taranaki	Date:	4/07/2025			Scale:		
admin@primedesigns.co.nz	04 528 8405	3 Jupiter Grove, Trentham, Upper Hutt			Drawing Sheet:	Project Specifications	Drawing No: 102





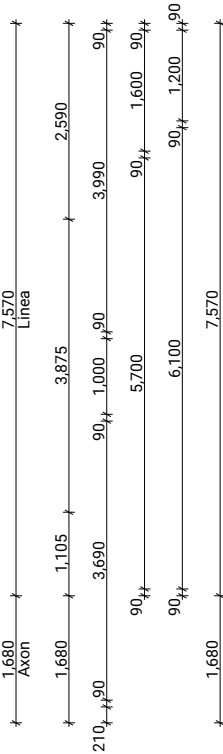
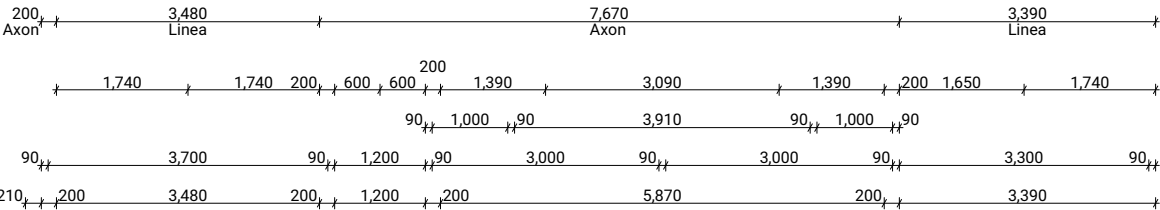
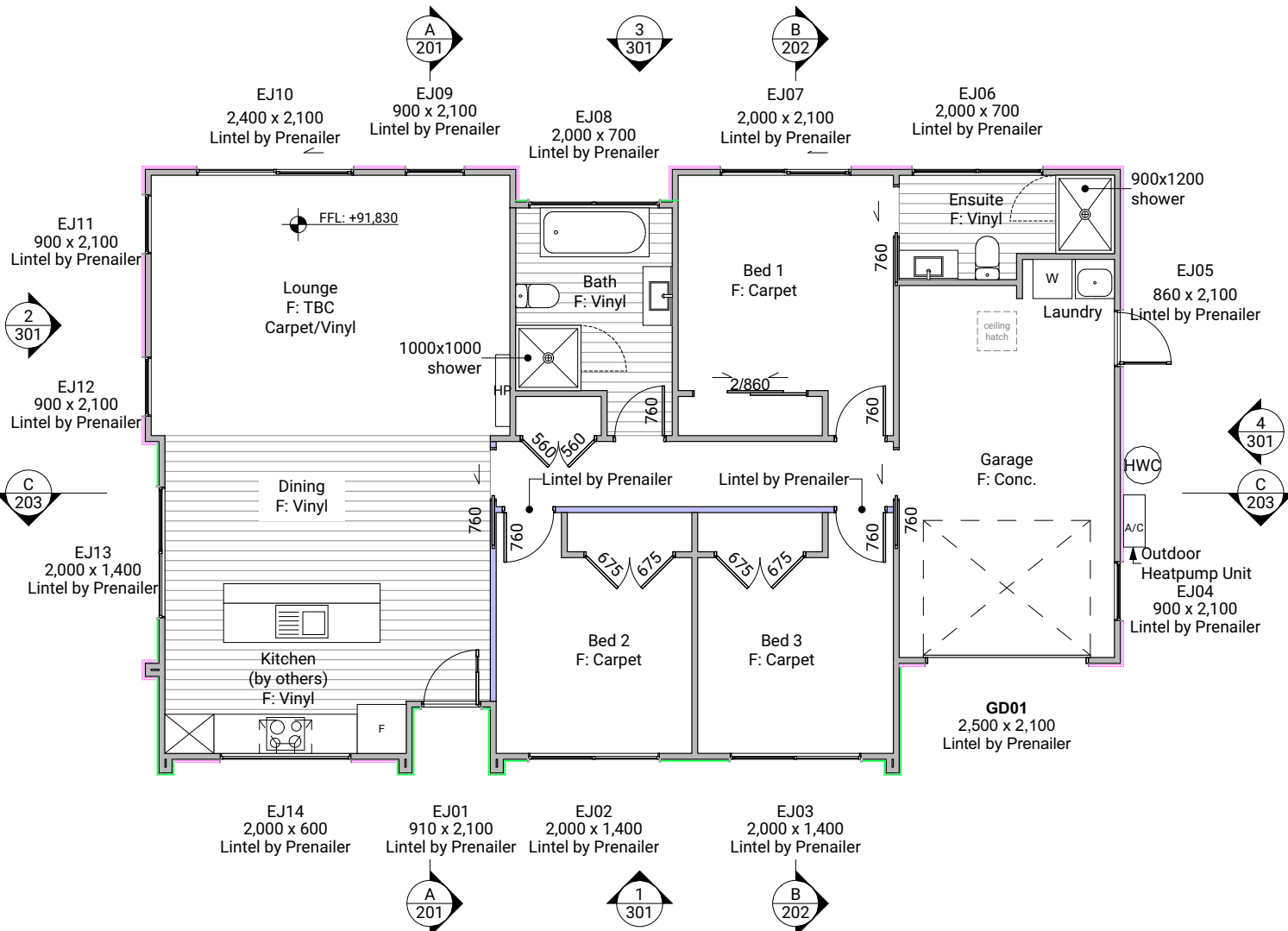
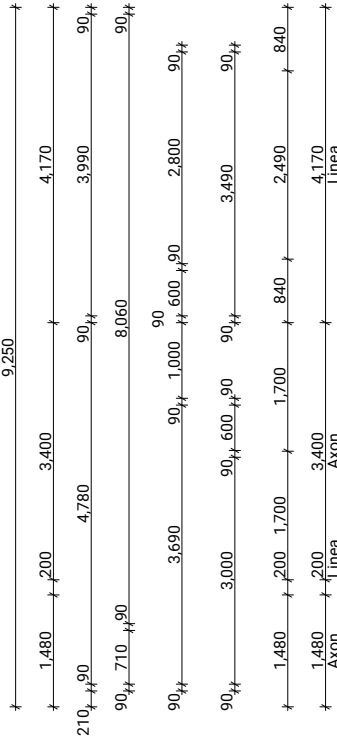
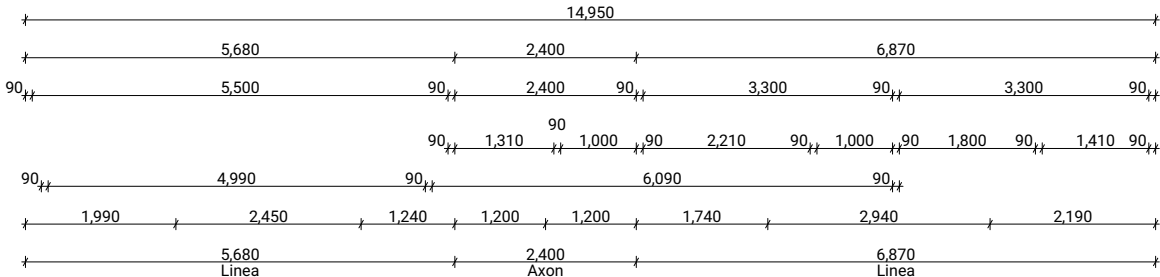


Cladding Legend

- JH Linea Weatherboard
- JH Axon 133

Wall Legend

- Internal Load Bearing Wall



Total Floor Area 127m²

Space	Glazing (NZBC G7)		Ventilation (NZBC G4)	
	Floor Area	Glazing Area	Glazing%	Ventilation Area
Living Space	45.21m²	16.621m²	36.76%	4.625m²
Bed 1	11.58m²	4.2m²	36.27%	0.6175m²
Bed 2	9.69m²	2.8m²	28.90%	1.2635m²
Bed 3	9.69m²	2.8m²	28.90%	1.2635m²

Floor Plan Notes

Walls

Wall framing general  
2/90x45mm top plates to all walls. Nog for all fittings, fixtures, linings, bracing panels & trims  
Wall framing height to be 2465mm finished  
  
DPC between bottom plate and concrete slab, Bowmac bottom plate crew bolt (M10x140) to be within 150mm of each end of the plate and be spaced @ 900mm crs max to comply with NZS3604:2011 clause 7.5.12.2.

All trimming studs to comply with NZS3604:2011 clause 8.5.2.1 unless specified otherwise by pre-nailer

All window and door sizes shown on the plans refer to 'Box' size only and do not allow for packers. Pre-nailer to increase opening width accordingly  
Lintels

Refer to truss manufacturers documentation for lintel sizes and fixings.

Wall framing  
Load bearing and non-load bearing wall framing to be 90x45mm H1.2 SG8 framing, studs @ 600mm crs & 90x45 dwangs spaced at 800mm crs. to NZS3604:2011 (Check cladding requirements for dwang spacing).

Fixings

Zone B & C fixings and fastenings  
Structural fixings except fabricated brackets in a Sheltered environment to be - Hot-dipped galvanized steel  
Structural fixings except fabricated brackets in an Exposed environment to be - Type 304 stainless steel  
Structural fixing within 600mm of the ground to be - Type 304 stainless steel  
All fixings to be suitable for exposure zone C as outlined in NZS3604:2011 section 4.4 "steel fixings and fastenings"

Underlays

Thermakraft Wall underlay  
Thermakraft Watergate Plus wall underlay installed to wall framing using 6-8mm staples or 20mm large head galvanized clouts at 300mm crs horizontally and vertically. 150mm min overlap at joints, all vertical laps must be made over studs. Installed to manufacturers specification. Additionally, install 25mm wide Thermastrap horizontally at 300mm crs  
Thermakraft Aluband  
Thermakraft Aluband flashing tape to be installed at openings as per manufacturer's installation requirements, unless noted on joinery details otherwise.

Insulation

Wall insulation  
90mm thick R2.2 Pink Batts Classic wall insulation to all external walls and internal walls between garage and habitable space. No insulation to garage external walls.  
Ceiling insulation  
245mm thick R6 Pink Superbatts ceiling insulation, ensure a 25mm gap min. between insulation and roof underlay.

Wall Claddings

James Hardie Linea weatherboards over 20mm cavity  
180mm James Hardie Linea weatherboards over 45x18mm H3.1 timber cavity battens on wall underlay. Refer to manufacturer's information & details for fixing and waterproofing requirements. Dwangs @ 800ctrs.  
James Hardie Axon Panel over 20mm cavity  
James Hardie Axon Panel 133 Smooth - Grooves 10mm wide x 2.25mm deep @ 133mm crs. Axon Panel over 45x18mm H3.1 timber cavity battens spaced @ 600crs. Ensure double studs & cavity battens are installed over vertical joints of cladding. Refer to manufacturer's information & details for fixing and waterproofing requirements. Dwangs @ 800ctrs.

Linings

10mm GIB plasterboard wall lining  
Generally, line with 10mm GIB Standard plasterboard (Aqualine to wet areas, installed as per GIB Wet Area Systems specifications and installation manual 2021) stopped for level 4 paint finish (unless otherwise indicated). Refer also specific fitout dwgs & bracing schedule for specific wall linings & requirements.  
13mm GIB board ceiling lining (Rondo batten)  
Generally, line with 13mm Gib board ceiling with Rondo 310 ceiling battens and 311 clips at 600 crs fixed to trusses and/or joists. Gib Aqualine to wet areas. Stopped for level 4 finish.  
Wall linings adjacent to appliances  
CL1.6 G3, Wall linings adjacent to appliances and facilities shall have surfaces that can be easily maintained in a hygienic condition and comply with. Stainless steel, decorative high-pressure laminate, tiles, wallboards with painted or applied impervious coatings or films, are all suitable materials for these surfaces.

Floor Coverings

Slip resistance  
Minimum slip resistance co-efficient for level surface between 0.25 and 0.50 acceptable in accordance with NZBC:D1/AS1 Access.  
Vinyl Plank Flooring - Avvio  
Vinyl plank to be installed over vinyl adhesive in areas noted on floor plan. Where installed in a wet area (including laundry and kitchen), install as per attached manufacturer's documentation and E3/AS1 alternative solution documentation.

Interior Fit-out

Internal doors  
All internal door leaf widths as noted on floor plan, all heights 1980mm unless otherwise noted

Lot 1 Client: Taranaki Iwi Holdings LP

Ōkato School Development Job No: 24101

Taranaki Date: 4/07/2025

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Print In Color



Drawing Set: Working Drawings

Drawn By: B Buchanan-Smith

Scale: 1:100

Drawing Sheet: Floor Plan

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Drawing No: 109



Roof Plan Notes

General Notes

Roof framing general  
Trusses designed by truss manufacturer, refer to manufacturer's documentation.

All enclosed framing to be H1.2 SG8 unless otherwise noted. Framing to comply with NZS3604:2011

Client selected metal fascia.

Roof bracing to comply with NZS3604:2011 section 10.4  
Zone B & C fixings and fastenings  
Structural fixings except fabricated brackets in a Sheltered environment to be - Hot-dipped galvanized steel  
Structural fixings except fabricated brackets in an Exposed environment to be - Type 304 stainless steel  
All fixings be suitable for exposure zone C as outlined in NZS3604:2011 section 4.4 "steel fixings and fastenings"  
Fixings and fastenings all Zones  
Nail plates, wire dogs & bolts in roof spaces and closed environments to be continuously coated galvanized steel or Hot-dipped galvanized steel  
Continuous spouting rainwater system  
Continuous spouting rainwater system, spouting to have 8,000mm² cross sectional area, DN80 downpipes unless otherwise noted.

Roof Bracing

Steel strip roof bracing  
Diagonally opposing pair of continuous steel strips at a 45° each having a capacity of 4.0kN in tension, fixed to each top chord or rafter that is intersected and to the top plate  
Bottom Cord Restraints for GIB Rondo clip system  
When GIB Rondo clip system is installed additional 90x35 SG8 battens @ 1800ctrs max as bottom cord restraints required.

Underlay

Roof underlay  
Thermakraft 401 synthetic self-supporting roof underlay run vertically over purlins & horizontally on roof pitches less than 10 degrees. Fix using stainless steel 8-12mm staples or 20mm flat head clouts at 300mm crs. 150mm min cover over vertical and horizontal joints. Refer to manufacturer's information.

Roof Cladding

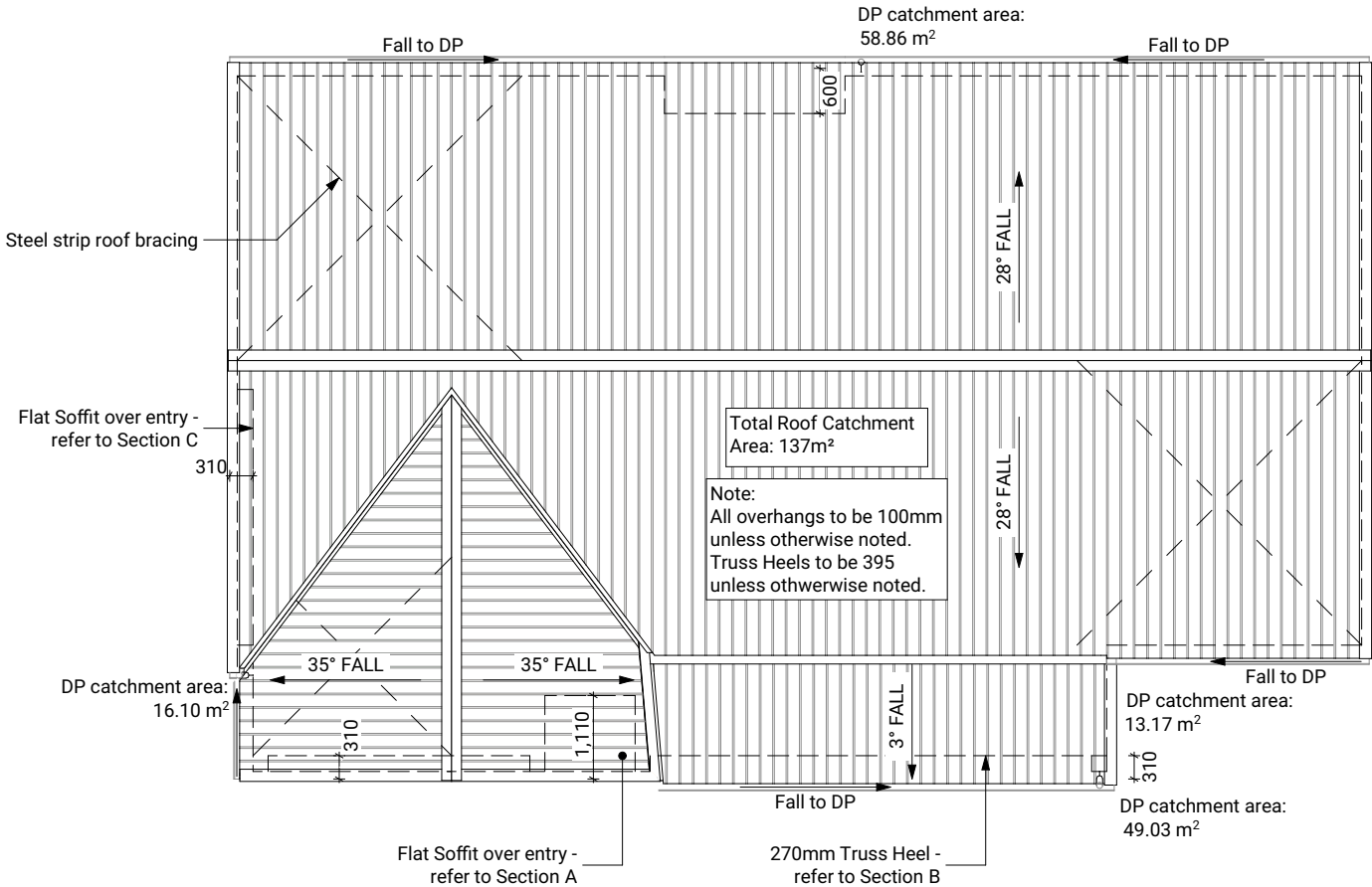
Trapezoidal roof cladding on purlins  
0.55mm BMT trapezoidal profile Colorsteel Maxam roof cladding on purlins over roof underlay. Roofing profile to to have a minimum crest height of 19mm and a maximum of 210mm between crests.

Purlins

70x45 Purlins (up to VH)  
70x45mm H1.2 SG8 purlins @ 900mm crs regular spacing & 600mm crs end spacing, fixed to trusses with 1/10g 80mm long self-drilling screw or alternative 2.4kN fixing.  
Gable Verge Overhang (310mm)  
90x45mm H1.2 SG8 purlins fixed as per regular purlins to minimum 3 truss top cords or rafters to create 450mm max overhang.

Soffit Lining

4.5mm HardieFlex soffit lining  
4.5mm James Hardie HardieFlex soffit lining fixed to 90x45mm H1.2 soffit framing using 40 x 2.8mm HardieFlex nails at 200mm crs. Soffits jointed with proprietary uPVC jointers.



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




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Scale:	1:100	
Drawing Sheet:	Roof Plan	
Drawing No:		110





Electrical Legend

-  S/M Smart Meter
-  G Garage door motor
-  S Smoke detector
-  E Extractor fan
-  2 Power point
-  Ph Phone outlet
-  TV Television outlet
-  L Light switch
-  2-L Two way light switch
-  R Recessed downlight

Electrical Notes

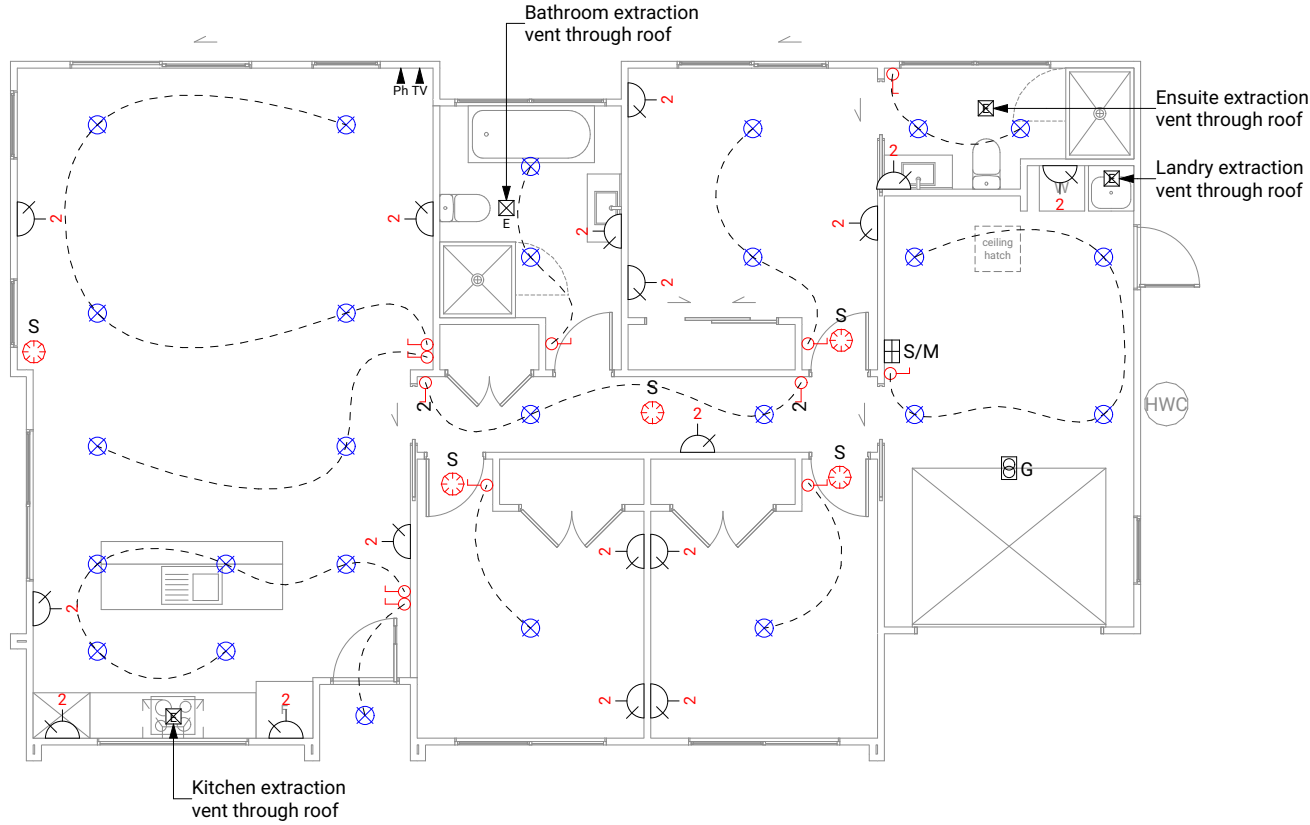
General electrical notes  
Ensure all habitable rooms are fitted with a minimum of one light fixture. All habitable internal spaces are to have a minimum illuminance of 20 lux or a minimal total wattage required per m2 of floor area as shown in G8/AS1, Table 1. Lights in the stairwell to provide 100lux at tread level or a total wattage per m2 of floor plan area as shown in D1/AS1 table8,

All electrical works to be installed to comply with NZBC G9/AS1, AS/NZS 3000:2018, AS/NZS 3008.1.2:2017, AS/NZS 5000.2:2006

Recessed downlights  
Downlights to be CA135, CA180, IC, or IC-F to comply with AS/NZS 60598.2.2 Amendment A


Smoke detectors  
Smoke detectors to be installed to comply with NZBC F7/AS1, C/AS1, NZS 4514:2021 and be located on or near the ceiling, in all bedrooms, living spaces, hallways and landings within the building. Where the kitchen is separated from the living space and hallways by doors that can be closed a heat alarm shall be located in the kitchen. There shall be at least one smoke level on each level. Where more than one smoke alarm is needed to meet the requirements, these alarms shall be interconnected as per NZS 4514:2021 clause 2.5. Smoke detectors to meet at least one of the following standards: UL 217, CAN/ULC S531, BS EN 14604, ISO 12239 or AS 3786

Mechanical ventilation  
Extractor fans to be Manrose XF150 or similar, vent through roof as per manufacturer's installation instructions.  
Rangehood to be ducted and vented through roof.  
Dryer to be vented seperately as per NZBC G4.

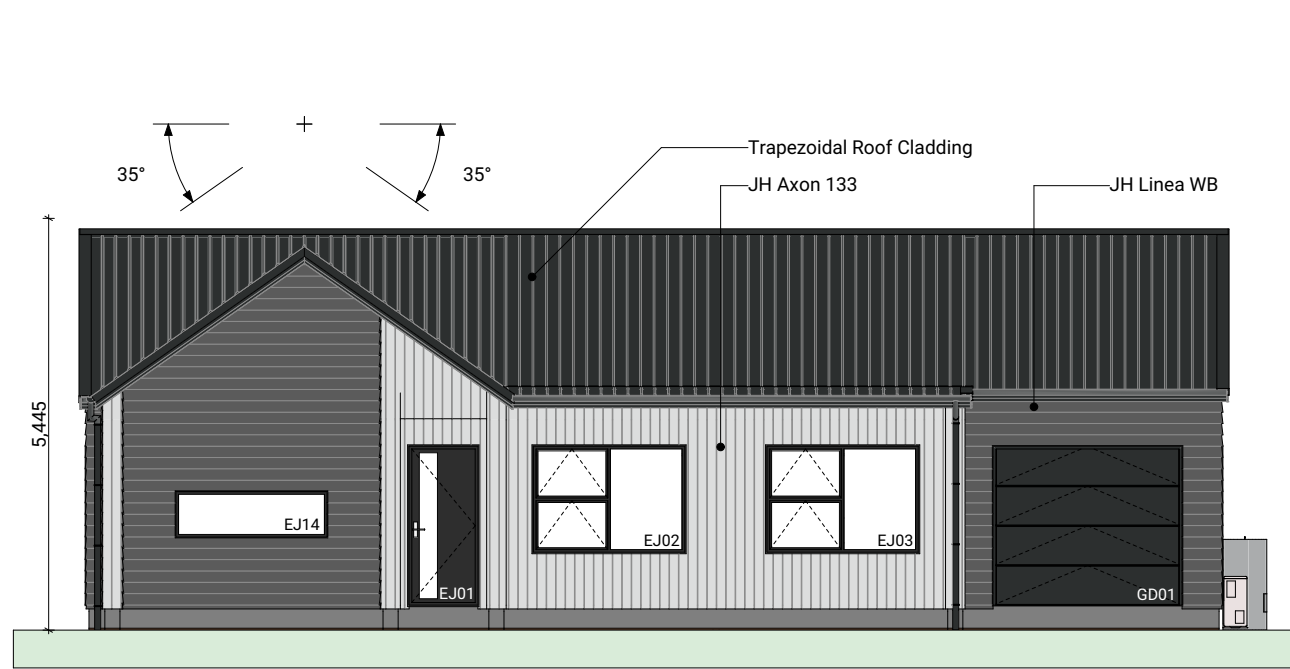


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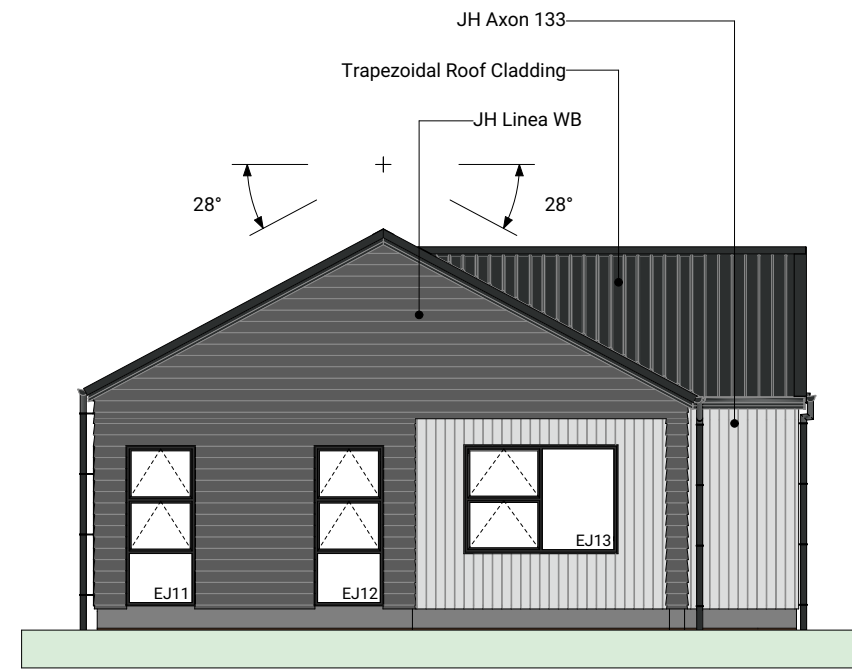


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Drawing Sheet:	Electrical Plan	Drawing No:	114





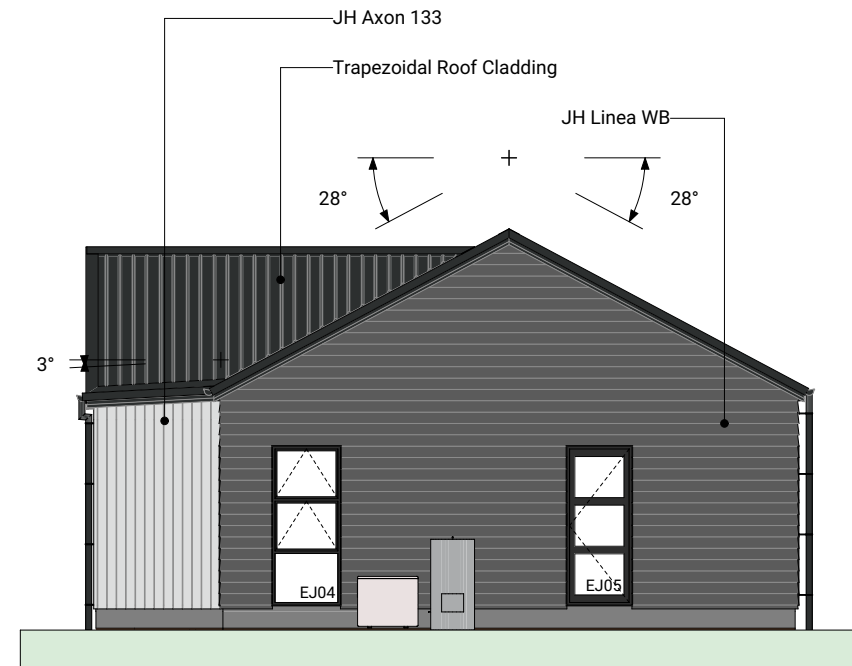
1 South-East Elevation 1:100



2 South-West Elevation 1:100



3 North-West Elevation 1:100



4 North-East Elevation 1:100

BUILDING ENVELOPE RISK MATRIX		
All Elevations		
Risk Factor	Risk Severity	Risk Score
Wind zone (per NZS 3604)	High risk	1
Number of storeys	Low risk	0
Roof/wall intersection design	High risk	3
Eaves width	High risk	2
Envelope complexity	Medium risk	1
Deck design	Low	0
Total Risk Score:		7

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Drawing Sheet:	Elevations	
		Drawing No: 301







