

# 8 TE KOHA

LOT NUMBER	BEDROOMS	BATHROOMS	HOUSE SIZE (m <sup>2</sup> )	SECTION SIZE (m <sup>2</sup> )
42	3	2	123	464

LOT LOCATION INNER LOOP, FRONTRAGE TO ROAD 1

IN PARTNERSHIP WITH

**KA URUORA**

PROUDLY DEVELOPED BY

 **Raukawa**

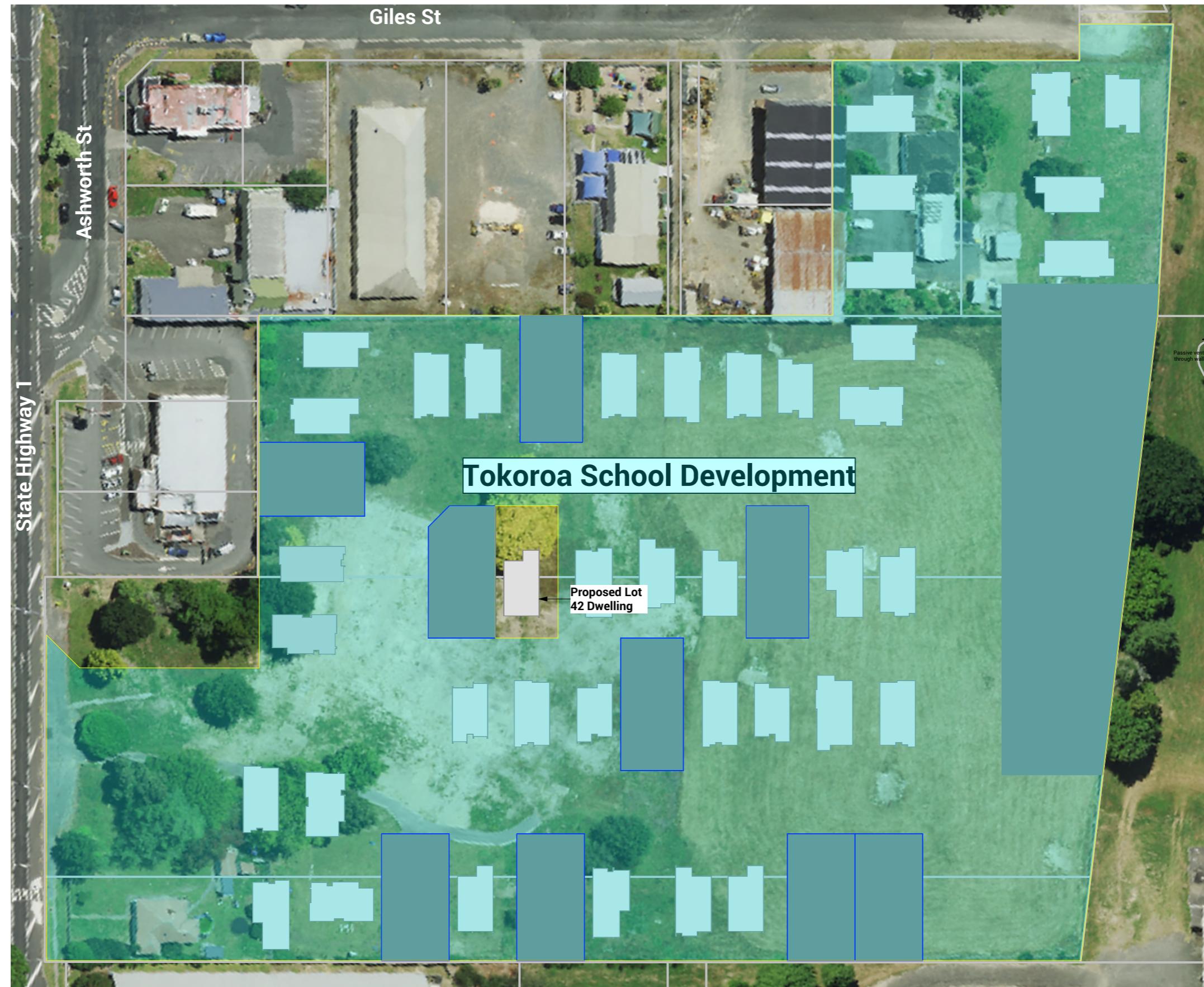
[TEKOHA-TOKOROA.NZ](http://TEKOHA-TOKOROA.NZ)

PLANNING & ZONING		CONSTRUCTION		CLADDING		FITOUT	
Lot / DP Number	Part lot 15 DP 3320, Part lot 13&14 DP8320, Lot 7&8 DPS 23458	Foundation Type	Cupolex Ecodome slab designed to NZS3604:2011	Wall Cladding Type 1	Brick	Flooring Types	Carpet/Vinyl Plank
Address	Lot 42 - Tokoroa East Primary School Development	Stud Height	2.465 m	Wall Cladding Type 2	JH Linea	Balustrade Type	N/A
Territorial Authority	SWDC	Typical Joinery Height	2m	Wall Cladding Type 3	N/a	Shower Type	Acrylic shower liner and tray
District Plan Zone	Commercial Zone	Typical Internal Door Height	2m	Roof Cladding	Trapezoidal roof cladding	Water Heating	External HWC
Easements	N/a	Rebated Joinery	N/A	Fascia Type	Metal	Space Heating	External Heatpump
Relevant Consent Notices	RC Condition 81 of Section 221	Thermakraft WaterGate Plus	CONSULTANTS		SITE/BUILDING INFORMATION		
Resource Consent #	RM230072	Thermakraft Covertek 401	Topographical Survey	Envelope Engineering	Site Coverage	480.17m <sup>2</sup> /25.6%	
Wind Zone	High (to NZS3604:2011)	90mm R2.4 Pink Batts Classic Wall	Structural Engineer	N/a	Floor Area	119m <sup>2</sup>	
Corrosion Zone	B	195mm R4 Pink Batts Classic Ceiling	Geotechnical Engineer	HDGO Engineering	Minimum Floor Level <small>(to u/s floor)</small>	To NZS3604:2011 (to 1953 Wellington Datum)	
Earthquake Zone	2	N/a	Truss Manufacturer	ITM			
Liquefaction Zone	N/a						



Artistic impression only, not to be used for construction.

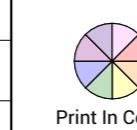
Proposed Dwelling - K010B	Client: Raukawa Iwi Development Ltd.	 Print In Color	Drawing Set: <b>Working Drawings</b>	All work must comply with relevant NZS & council requirements. All dimensions to be verified on site by contractor prior to commencing work, do not scale from drawings. If there are any inaccuracies with the drawings please contact designer immediately. Copyright for design & drawings retained by Prime Designs New Zealand Limited.
Lot 42 - Tokoroa East Primary School Development	Job No: 24114		Drawn By: <b>A Samson</b>	
	Date: 15/01/2026		Scale:	
admin@primedesigns.co.nz	04 528 8405		Drawing Sheet: <b>Project Specifications</b>	
	3 Jupiter Grove, Trentham, Upper Hutt			Drawing No: <b>102</b>



**Proposed Dwelling - K010B** Client: Raukawa Iwi Development Ltd.

**Lot 42 - Tokoroa East Primary School Development** Job No: 24114

Date: 30/06/2025



**PRIME DESIGNS**  
CREATIVE | FUNCTIONAL | ARCHITECTURE

Drawing Set: **Working Drawings**

Drawn By: **A Samson**

Scale: **1:1000**

Drawing Sheet: **Site Location Plan**

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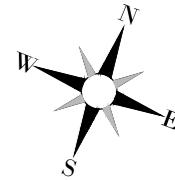
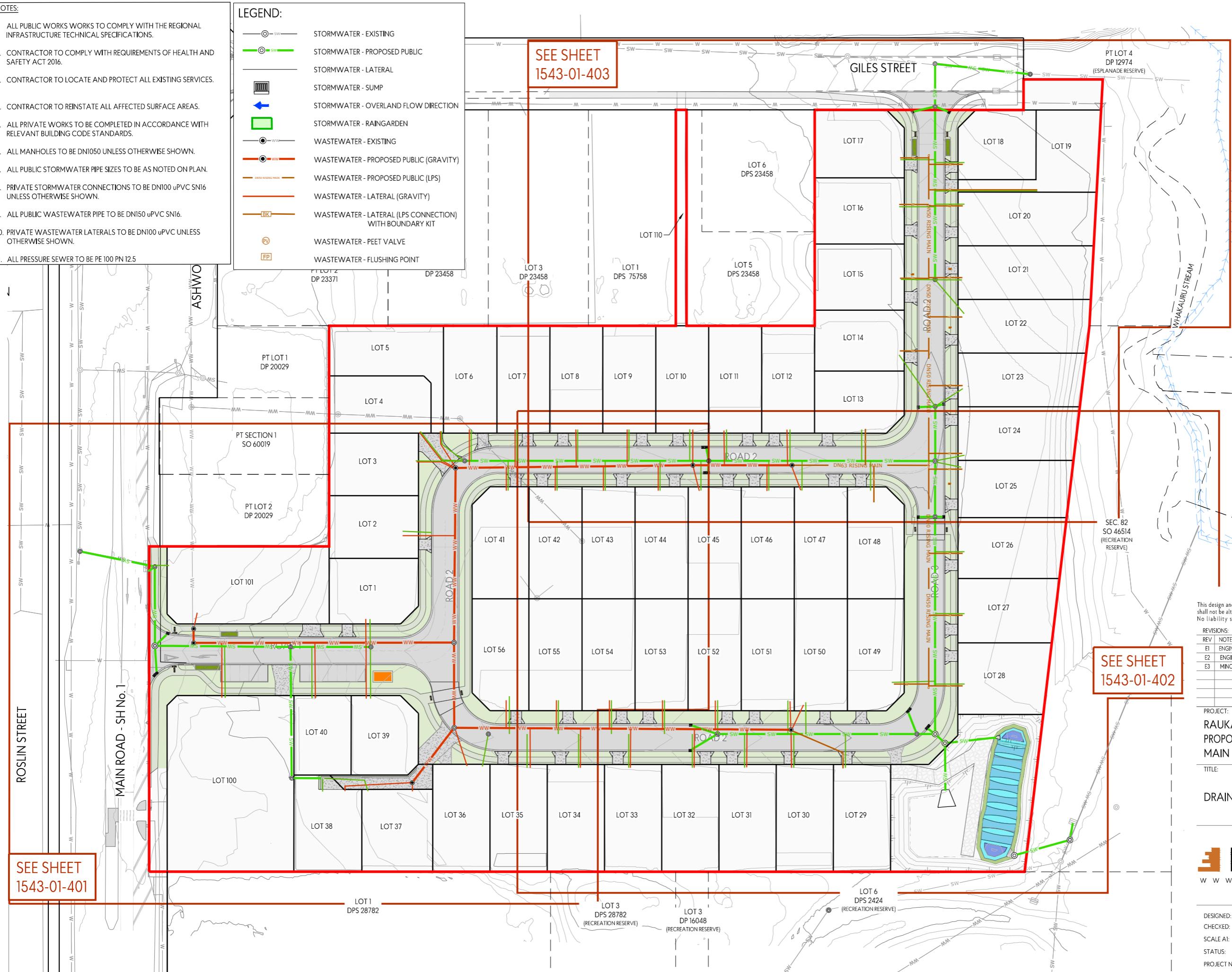
NOTES:

1. ALL PUBLIC WORKS WORKS TO COMPLY WITH THE REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. CONTRACTOR TO COMPLY WITH REQUIREMENTS OF HEALTH AND SAFETY ACT 2016.
3. CONTRACTOR TO LOCATE AND PROTECT ALL EXISTING SERVICES.
4. CONTRACTOR TO REINSTATE ALL AFFECTED SURFACE AREAS.
5. ALL PRIVATE WORKS TO BE COMPLETED IN ACCORDANCE WITH RELEVANT BUILDING CODE STANDARDS.
6. ALL MANHOLES TO BE DNI050 UNLESS OTHERWISE SHOWN.
7. ALL PUBLIC STORMWATER PIPE SIZES TO BE AS NOTED ON PLAN.
8. PRIVATE STORMWATER CONNECTIONS TO BE DNI100 uPVC SNI6 UNLESS OTHERWISE SHOWN.
9. ALL PUBLIC WASTEWATER PIPE TO BE DNI150 uPVC SNI6.
10. PRIVATE WASTEWATER LATERALS TO BE DNI100 uPVC UNLESS OTHERWISE SHOWN.
11. ALL PRESSURE SEWER TO BE PE 100 PN 12.5

LEGEND:

- STORMWATER - EXISTING
- STORMWATER - PROPOSED PUBLIC
- STORMWATER - LATERAL
- STORMWATER - SUMP
- STORMWATER - OVERLAND FLOW DIRECTION
- STORMWATER - RAINGARDEN
- WASTEWATER - EXISTING
- WASTEWATER - PROPOSED PUBLIC (GRAVITY)
- WASTEWATER - PROPOSED PUBLIC (LPS)
- WASTEWATER - LATERAL (GRAVITY)
- WASTEWATER - LATERAL (LPS CONNECTION) WITH BOUNDARY KIT
- WASTEWATER - PEET VALVE
- WASTEWATER - FLUSHING POINT

SEE SHEET  
1543-01-403



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REVISIONS:	
REV	NOTES
E1	ENGINEERING APPROVAL
E2	ENGINEERING APPROVAL
E3	MINOR ADJUSTMENTS

BY DATE

LVG 06-12-2024  
LVG 21-01-2025  
LVG 2025-02-08

PROJECT:  
RAUKAWA IWİ DEVELOPMENT LTD  
PROPOSED SUBDIVISION - TOKOROA EAST SCHOOL  
MAIN ROAD, TOKOROA

TITLE:

DRAINAGE LAYOUT PLAN

**ENVELOPE**  
www.envelope-eng.co.nz

DESIGNED: LVG DRAWN: LVG  
CHECKED: LF DATE: 21-01-2025  
SCALE A1: 1:500 SCALE A3: 1:1000  
STATUS: ENGINEERING APPROVAL  
PROJECT No: 1543-01 DRAWING No: 400  
REVISION: E3

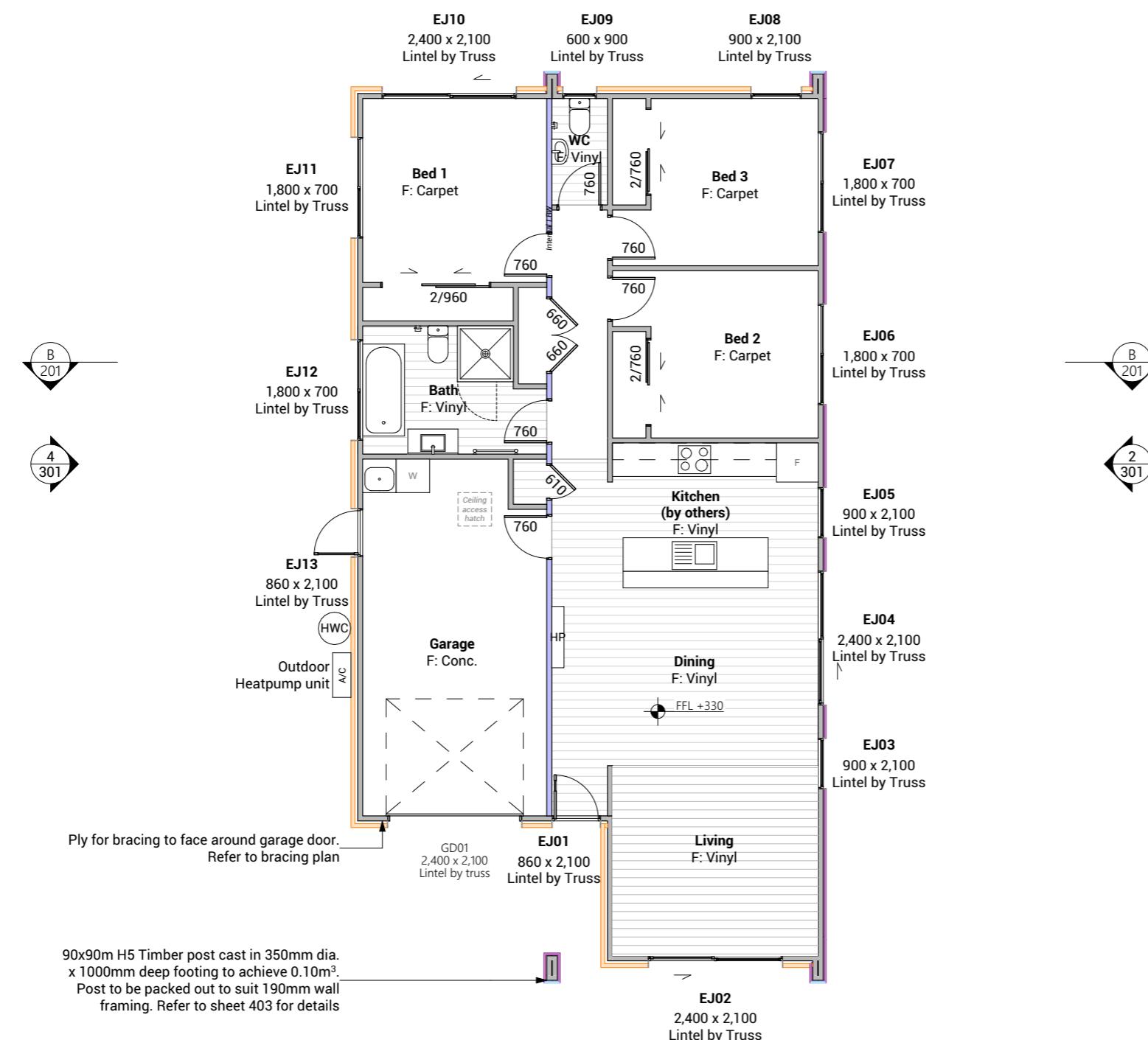
Natural Light and Ventilation Calculation			
	Floor Area	Light %	Ventilation %
Lounge/Kitchen	33.45m <sup>2</sup>	6.94m <sup>2</sup> / 20.44%	4.69m <sup>2</sup> / 13.81%
Bedroom 1	11.46m <sup>2</sup>	2.97m <sup>2</sup> / 25.92%	3.97m <sup>2</sup> / 34.64%
Bedroom 2	9.90m <sup>2</sup>	0.77m <sup>2</sup> / 7.78%	0.9m <sup>2</sup> / 9.09%
Bedroom 3	11.07m <sup>2</sup>	0.77m <sup>2</sup> / 6.96%	0.9m <sup>2</sup> / 8.13%

## Legend

Brick

JH Linea

Internal LBW



## 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. All external and internal loadbearing walls use Bowmac bottom plate screw bolt (M10x140) to comply with clause 7.5.12.3 and all internal non-loadbearing walls use Ramset drive pin LWU75 to comply with clause 7.5.12.4. All fixings are to be within 150mm of each end of the plate and be spaced @ 900mm crs max to comply with NZS 3604:2011 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 including lintels on internal load bearing walls.

#### Ground Floor wall framing

Load bearing wall framing to be 90x45mm H1.2 SG8 framing, studs @ 600mm crs to NZS3604:2011

Non-Load bearing wall framing to be 90x45mm H1.2 SG8 framing, studs @ 600mm crs to NZS3604:2011

90x45 dwangs spaced at 800mm crs. 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"

#### 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

## 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 joins, 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 R2.4 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

195mm thick R4 Pink batts Ultra 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 (Cladding weight: 23.92kg/m<sup>2</sup>) over 45x18mm H3.1 timber cavity battens on wall underlay. Refer to manufacturer's information & details for fixing and waterproofing requirements. Dwangs @ 800ctrs.

#### Brick veneer over cavity

70 series brick veneer, over 50mm drained cavity and wall underlay (Cladding weight: 115-135kg/m<sup>2</sup>). EH wall ties @ 400mm crs vertically and 600mm crs horizontally, refer to specification. Dwangs @ 800ctrs.

#### Acoustic Requirement

Minimum acoustic insulation as per NDY Noise Intrusion Assessment to meet the requirements of Resource Consent Condition 16.

Non-glazed walls to be 90mm studs with 90mm insulation and 10mm plasterboard, minimum cladding density 7.5kg/m<sup>2</sup>.

Glazed areas to be 4mm glass/8mm air gap/4mm glass minimum.

## 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 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.

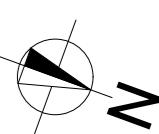
## Interior Fit-out

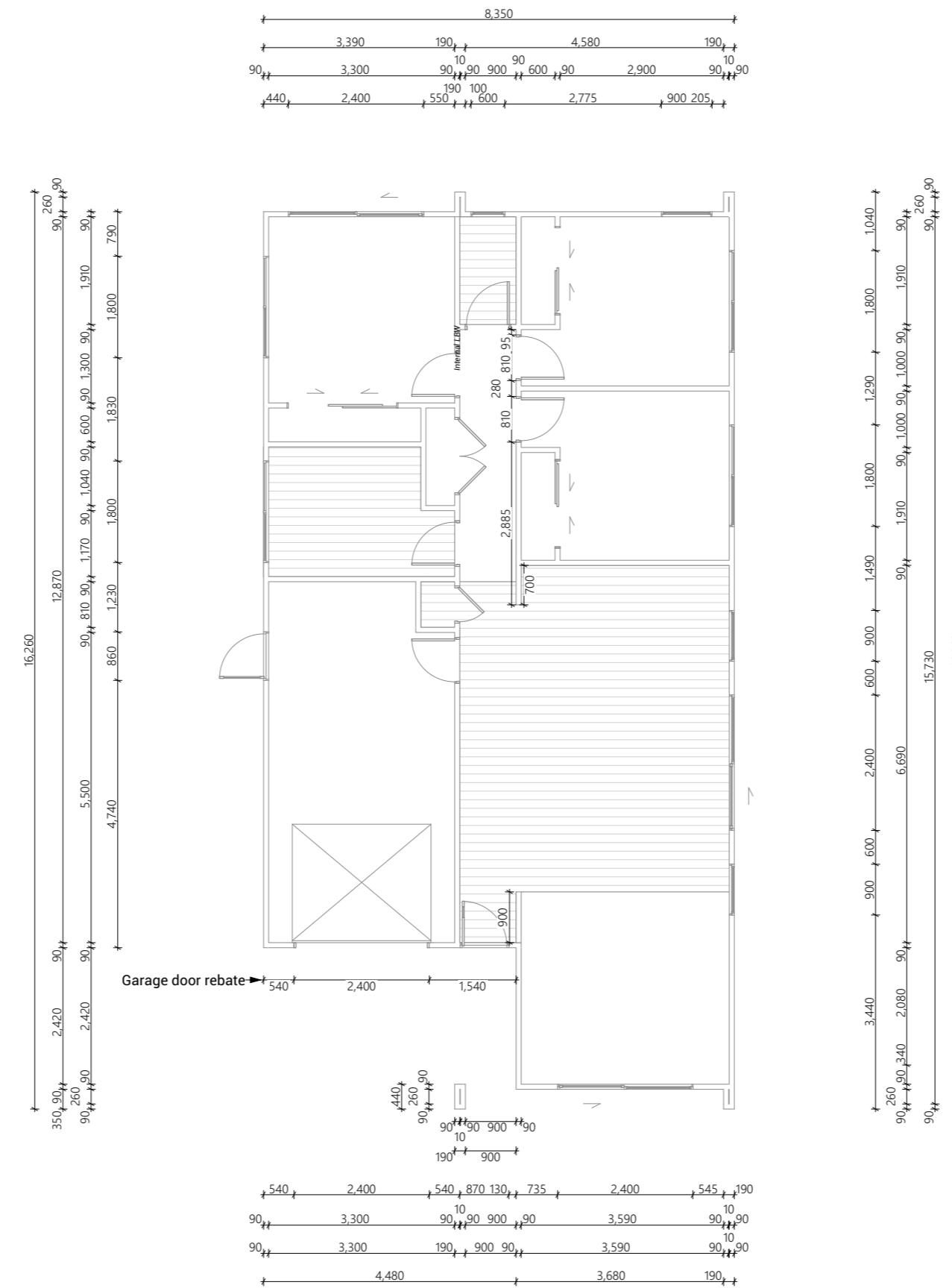
#### Internal doors

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

#### Architraves

Architraves to be installed to all internal doors and windows





<b>Proposed Dwelling - K010B</b>	<b>Client:</b>	<b>Raukawa Iwi Development</b>
<b>Lot 42 - Tokoroa East Primary</b>	<b>Job No:</b>	<b>241</b>
<b>School Development</b>	<b>Date:</b>	<b>30/06/20</b>
<b>admin@primedesigns.co.nz</b>	<b>04 528 8405</b>	<b>3 Jupiter Gro</b>



Print In Color



**Drawing Set: Working Drawings**

Drawn By: A Samson

Scale: 1:100

## Drawing Sheet: Dimension Plan

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 New Zealand Limited.

**Drawing No:** 108



## 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 m<sup>2</sup> 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 m<sup>2</sup> 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

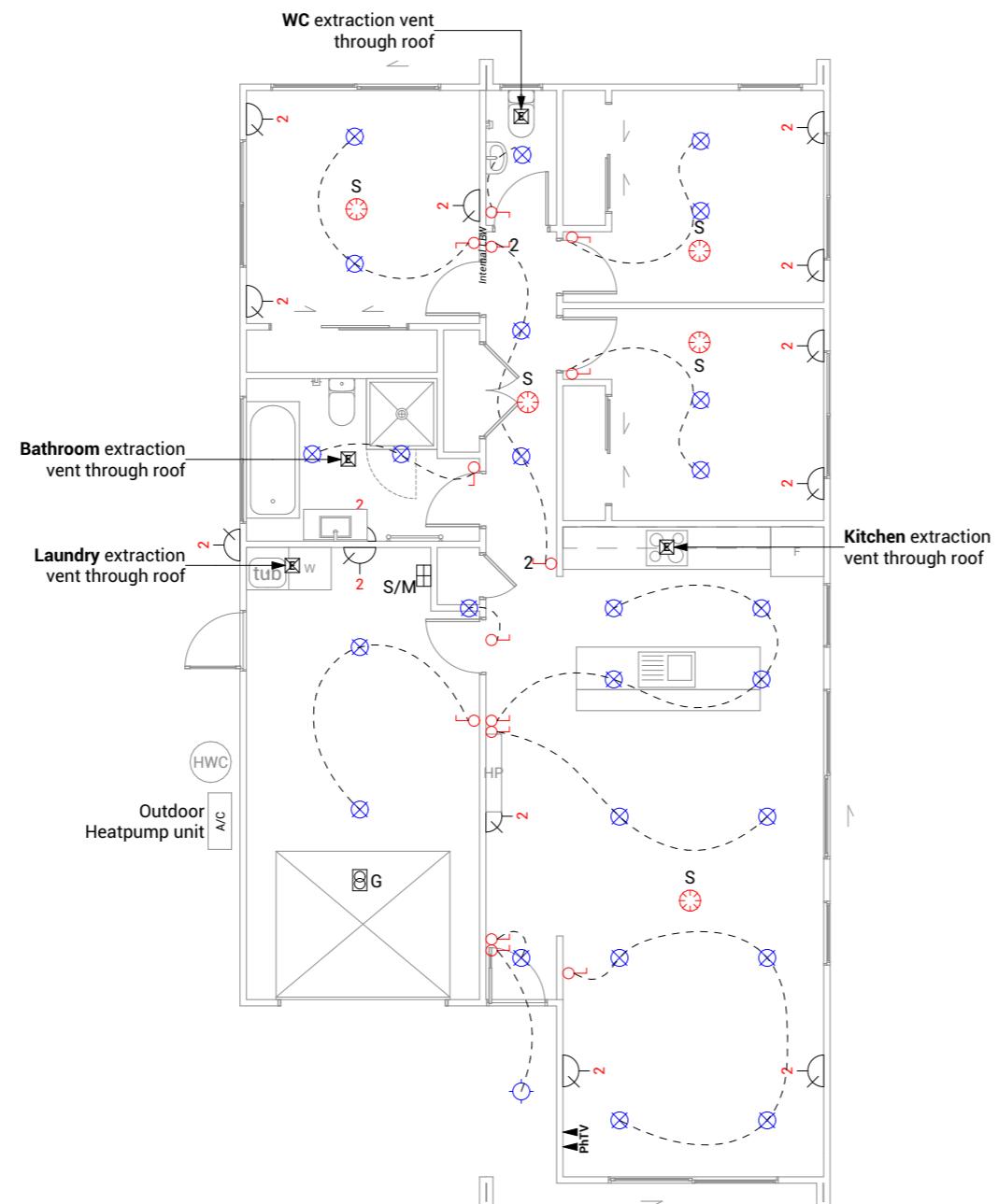
Downlights to be CA135, CA180, IC, or IC-F to comply with AS/NZS 60598.2.2 Amendment A

### 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 alarm 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

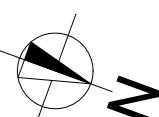
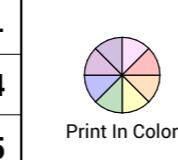
Extractor fans to be Manrose XF150 or similar, vent through roof as per manufacturer's installation instructions. Rangehood to be ducted and vented up and through roof. Dryer to be vented separately as per NZBC G4.

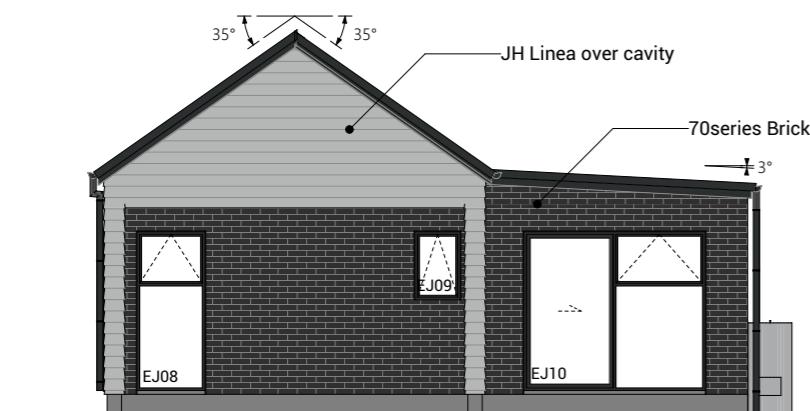


## Electrical Legend

	Smart Meter
	Garage door motor
	Smoke detector
	Extractor fan
	Power point
	Phone outlet
	Television outlet
	Light switch
	Two way light switch
	Recessed downlight

Proposed Dwelling - K010B	Client: Raukawa Iwi Development Ltd.
Lot 42 - Tokoroa East Primary School Development	Job No: 24114
	Date: 30/06/2025
admin@primedesigns.co.nz	04 528 8405





1 South Elevation 1:100



2 West Elevation 1:100



3 North Elevation 1:100



4 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	Medium risk	1
Eaves width	Very high risk	5
Envelope complexity	Medium risk	1
Deck design	Low risk	0
<b>Total Risk Score:</b>		<b>8</b>

Proposed Dwelling - K010B Client: Raukawa Iwi Development Ltd.

Lot 42 - Tokoroa East Primary School Development Job No: 24114 Date: 30/06/2025

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Drawing Set: **Working Drawings**

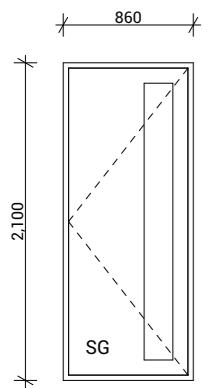
Drawn By: **A Samson**

Scale: **1:100**

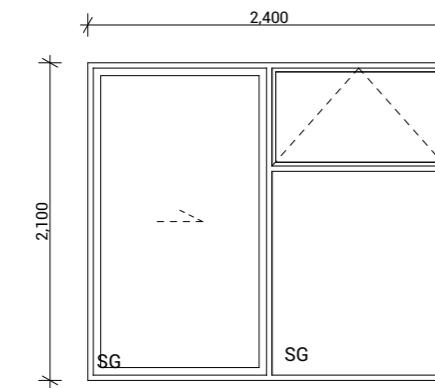
Drawing Sheet: **Elevations**

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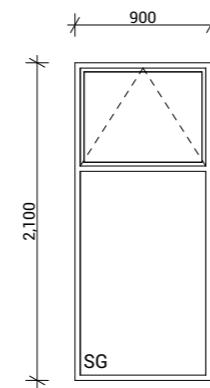
Drawing No: **301**



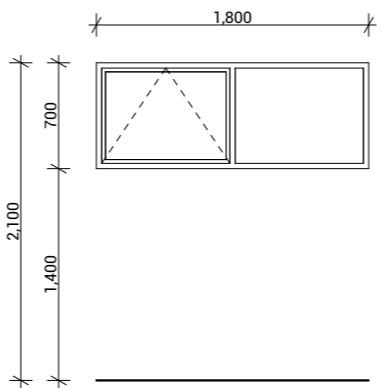
**EJ01**  
Type Entry Door  
Material Aluminium, Thermally Broken  
Glazing Double, Low E, Grade A Safety



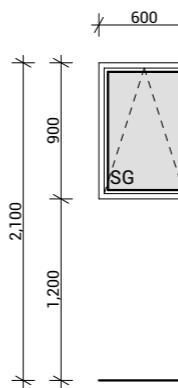
**EJ02, EJ04, EJ10**  
Type Sliding Door With Awning Window  
Material Aluminium, Thermally Broken  
Glazing Double, Low E, Grade A Safety



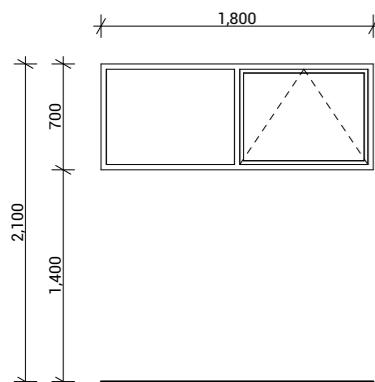
**EJ03, EJ05, EJ08**  
Type Awning Window  
Material Aluminium, Thermally Broken  
Glazing Double, Low E, Grade A Safety



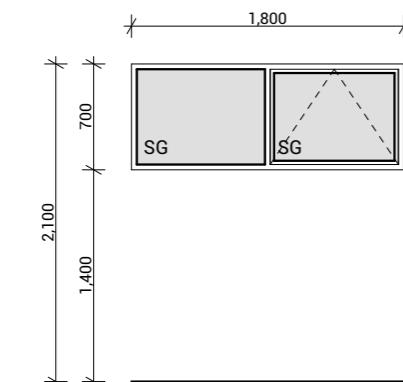
**EJ06, EJ07**  
Type Awning Window  
Material Aluminium, Thermally Broken  
Glazing Double, Low E



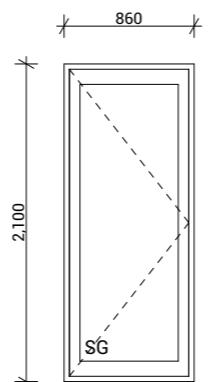
**EJ09**  
Type Awning Window  
Material Aluminium, Thermally Broken  
Glazing Double, Low E, Obscured, Grade A Safety



**EJ11**  
Type Awning Window  
Material Aluminium, Thermally Broken  
Glazing Double, Low E



**EJ12**  
Type Awning Window  
Material Aluminium, Thermally Broken  
Glazing Double, Low E, Obscured, Grade A Safety



**EJ13**  
Type External Hinged Door  
Material Aluminium, Thermally Broken  
Glazing Double, Low E, Grade A Safety

## Joinery Notes

### General joinery notes

All dimensions to be checked on site prior to fabrication

Windows & doors viewed from exterior

Window & door supplier is responsible for ensuring that all components fit the structure and opening size

All windows & doors to be installed in accordance with construction details in drawing set

### Aluminium joinery

Selected colour powder-coated thermally broken aluminium joinery. All head, jamb and sill liners to be 20mm H3.1 timber, painted

### Glazing

Glazing weight to comply with NZS4223.

Glass to be Low E with a U value of 1.3.

Double Pane with argon gas.

### Flashings and flexible flashing tape

All flashings and flashing tape to be installed to comply with NZBC E2/AS1 and manufacturer's specification. Do not fix through flashings unless otherwise specifically shown in details

### Window and door opening widths

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

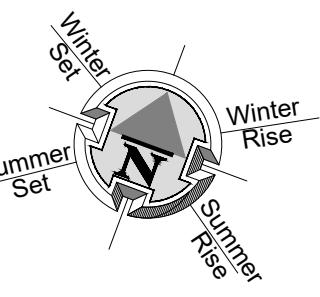
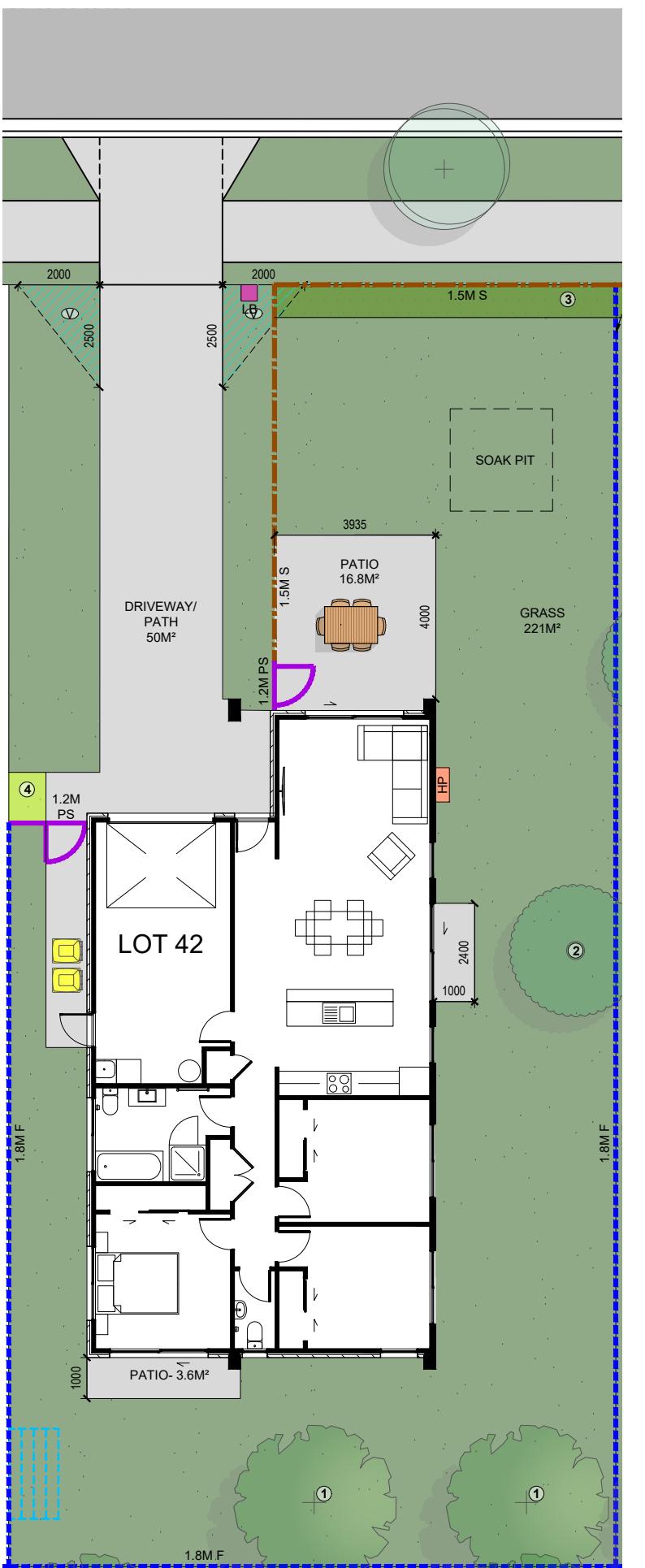
### Reveal Depths

Joinery manufacturer to check reveal depths to suit cladding system, wall underlay, wall framing & interior lining thickness.

### Window Restrictors

Place restrictor stays to all openable windows with sills within 760mm of floor level where a fall greater than 1m is possible from FFL to ground.

Proposed Dwelling - K010B	Client: Raukawa Iwi Development Ltd.	 Print In Color
Lot 42 - Tokoroa East Primary School Development	Job No: 24114	
	Date: 30/06/2025	
admin@primedesigns.co.nz	04 528 8405	



LEGEND	
	KARAEHE - GRASS
	RAIMA- CONCRETE. BRUSH FINISH
	ROAD. FINISH BY OTHERS
	KÖWHATU- STONES (PERMEABLE)
	TYPE 1 FRUIT TREE READ IN CONJUNCTION WITH PLANTING PALETTE
	TYPE 2 SPECIMEN TREE READ IN CONJUNCTION WITH PLANTING PALETTE
	HEDGE PLANTING. READ IN CONJUNCTION WITH PLANTING PALETTE
	LOW PLANTING. READ IN CONJUNCTION WITH PLANTING PALETTE
	PAVERS (SHOWN INDICATIVELY)
	1.8M F 1.8M HIGH ROUGH SAWN CLOSED BOARDED TIMBER FENCE
	1.8M OS 1.8m high timber batten fence with gaps for 50% visually permeability
	1.5M S 1.5M HIGH TIMBER BATTEN FENCE
	1.2M PS 1.2M HIGH POOL STYLE GATE
	1.2M PS 1.2M HIGH POOL STYLE FENCE
	EX F EXISTING FENCE. REFER NOTES FOR DETAILS
	RW RETAINING WALL (INDICATIVE. REFER ENGINEERING DOCUMENTATION FOR DETAILS).
	HP EXTERIOR HEAT PUMP UNIT. REFER ARCHITECTURAL DRAWINGS FOR DETAILS. ELECTRICIAN TO CONFIRM LOCATION ON SITE.
	IPUPARA/ HANGARUA - SERVICE AREA FOR RUBBISH/ RECYCLING BINS
	POUAKA RETA- LETTERBOX. MAIL SLOT 0.9M – 1M FROM THE GROUND. TOP OF LETTERBOX NOT TO EXCEED 1M TO ENSURE NO OBSTRUCTIONS TO VISIBILITY FROM DRIVEWAYS.
	UNIT NUMBER
	WASHING LINE - RETRACTABLE OR FOLD DOWN, FIXED TO FENCE OR POSTS.
	2000 HATCHED AREA TO BE KEPT CLEAR OF OBSTRUCTIONS TO VISIBILITY AS PER AS/NZS 2890.1 (PLANTING/ LETTERBOX/ FENCE ETC TO BE 1.0M HIGH MAXIMUM).
	2500 SOAK PIT. REFER TO DOCUMENTATION BY OTHERS FOR ALL DETAILS.
REFER DOCUMENTATION BY OTHERS FOR DETAILS OF ANY BARRIERS TO PREVENT FALLING, INCLUDING LOCATION AND CONSTRUCTION DETAILS.	

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DESIGN LIMITED**

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REFER DRAWINGS BY OTHERS FOR RETAINING WALLS, BARRIERS & FENCES OVER 1M, STAIRS,  
DECKS & SITE DRAINAGE. LANDSCAPE PLANS ARE INDICATIVE AND ARE SUBJECT TO CHANGE.  
ALLOW TO CONFIRM ALL LAYOUTS BEFORE CONSTRUCTION COMMENCES. FLOOR PLANS AND  
SITE PLANS SUPPLIED BY OTHERS. WE DO NOT TAKE LIABILITY FOR ITS ACCURACY.

TOKOROA EAST SCHOOL SITE  
MAIN ROAD, TOKOROA

**FOR COUNCIL  
LANDSCAPE PLAN**

REV: 3	DATE: 24/07/2025	SHEET No.
SCALES (A3): 1:150		L1.42