

# 8 TE KOHA

LOT NUMBER	BEDROOMS	BATHROOMS	HOUSE SIZE (m <sup>2</sup> )	SECTION SIZE (m <sup>2</sup> )
31	3	2	123	480

LOT LOCATION ROAD 2 FRONTAGE

IN PARTNERSHIP WITH

**KA URUORA**

PROUDLY DEVELOPED BY

 **Raukawa**

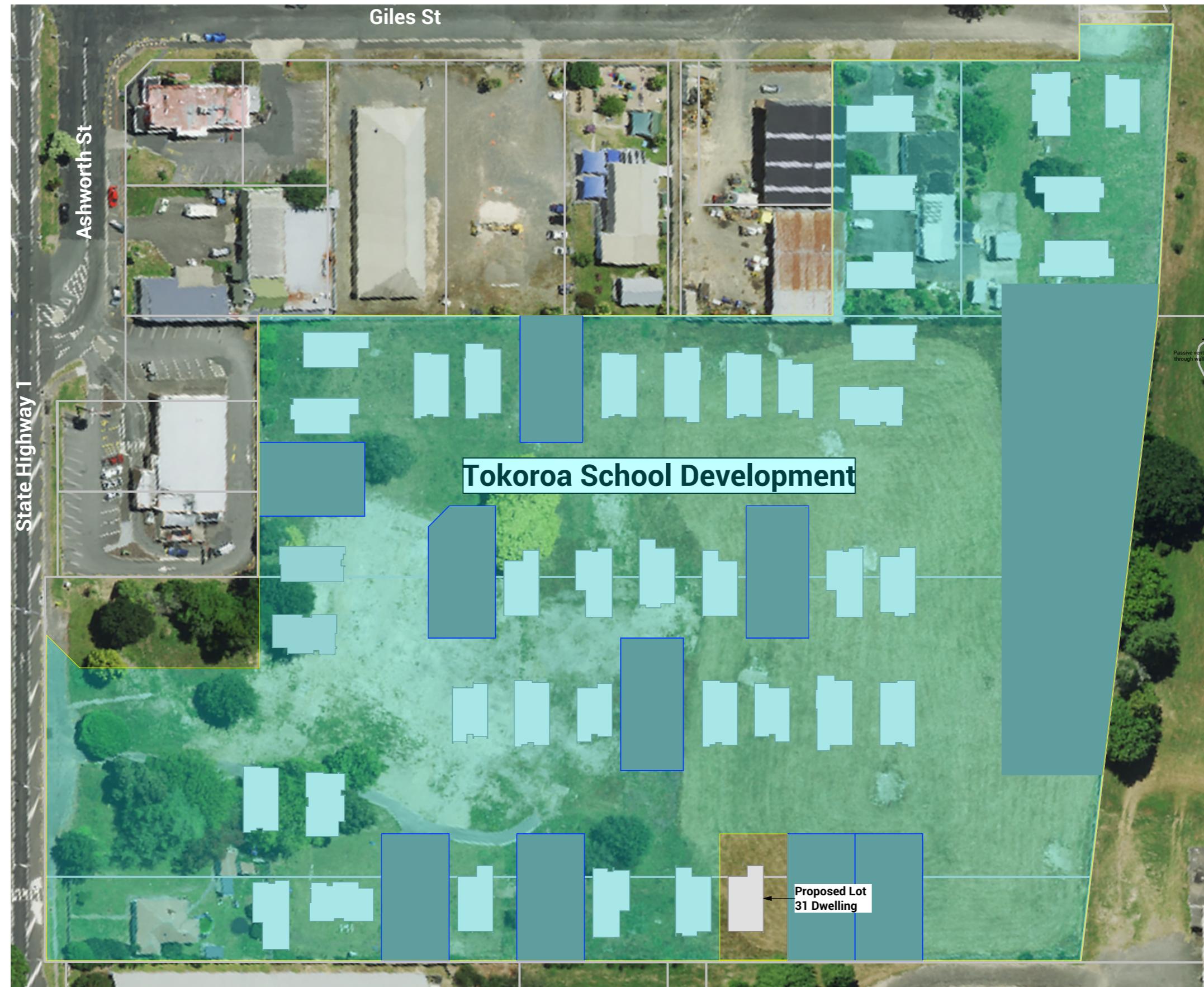
[TEKOHA-TOKOROA.NZ](http://TEKOHA-TOKOROA.NZ)

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 31 - 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	<b>CONSULTANTS</b>		<b>SITE/BUILDING INFORMATION</b>		
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.	 <b>PRIME DESIGNS</b> <small>CREATIVE   FUNCTIONAL   ARCHITECTURE</small>	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 31 - 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>	
				Drawing No: <b>102</b>

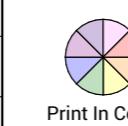


**Proposed Dwelling - K010B** Client: Raukawa Iwi Development Ltd.

**Lot 31 - Tokoroa East Primary School Development** Job No: 24114 Date: 30/06/2025

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04 528 8405



**PRIME DESIGNS**  
CREATIVE | FUNCTIONAL | ARCHITECTURE

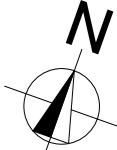
**Drawing Set: Working Drawings**

**Drawn By: A Samson**

**Scale: 1:1000**

**Drawing Sheet: Site Location Plan**

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**Drawing No: 103**

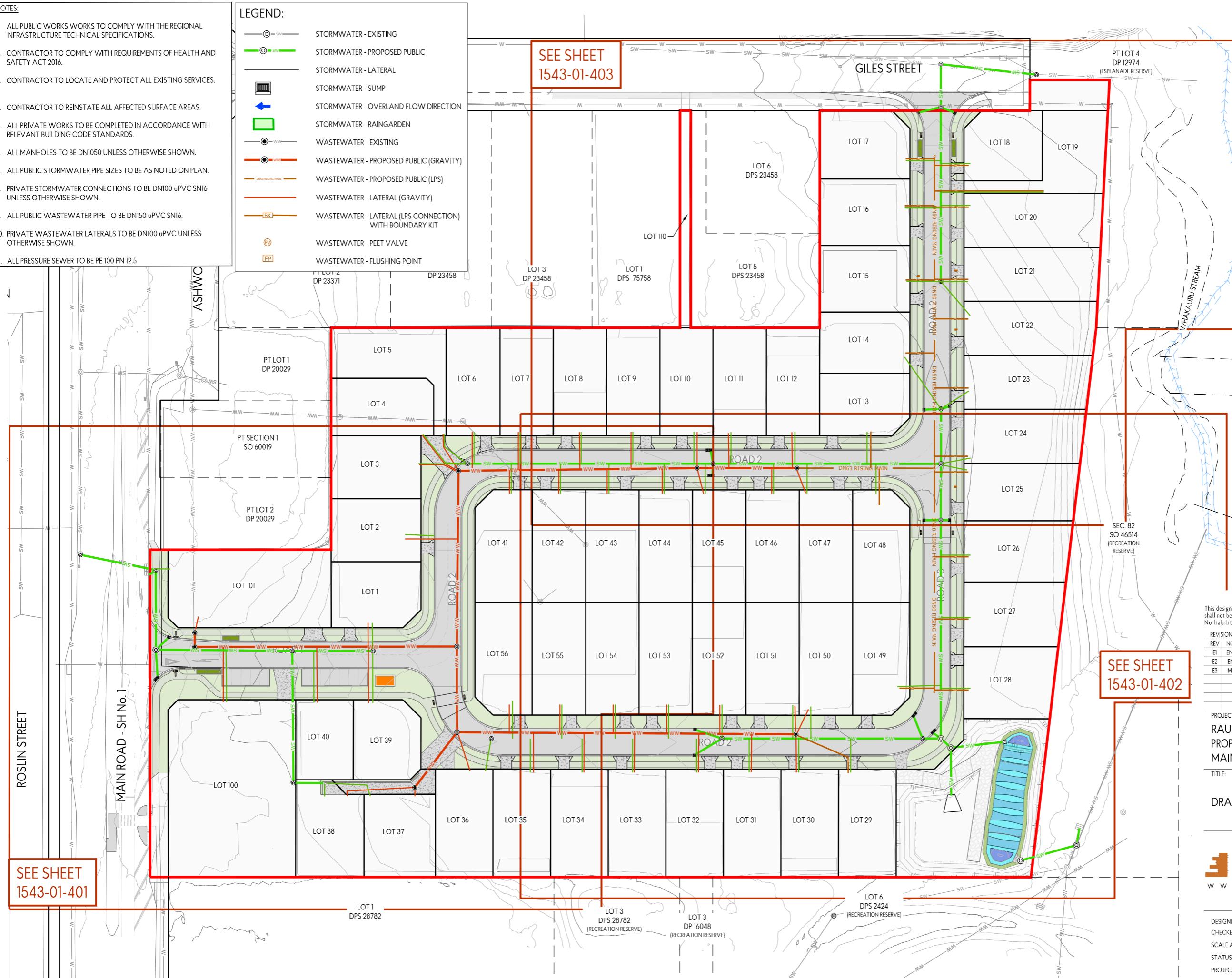
NOTES:

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 DN1050 UNLESS OTHERWISE SHOWN.
7. ALL PUBLIC STORMWATER PIPE SIZES TO BE AS NOTED ON PLAN.
8. PRIVATE STORMWATER CONNECTIONS TO BE DN100 uPVC SNI6 UNLESS OTHERWISE SHOWN.
9. ALL PUBLIC WASTEWATER PIPE TO BE DN150 uPVC SNI6.
10. PRIVATE WASTEWATER LATERALS TO BE DN100 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	BY	DATE
E1	ENGINEERING APPROVAL	LVG	06-12-2024
E2	ENGINEERING APPROVAL	LVG	21-01-2025
E3	MINOR ADJUSTMENTS	LVG	2025-02-08

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

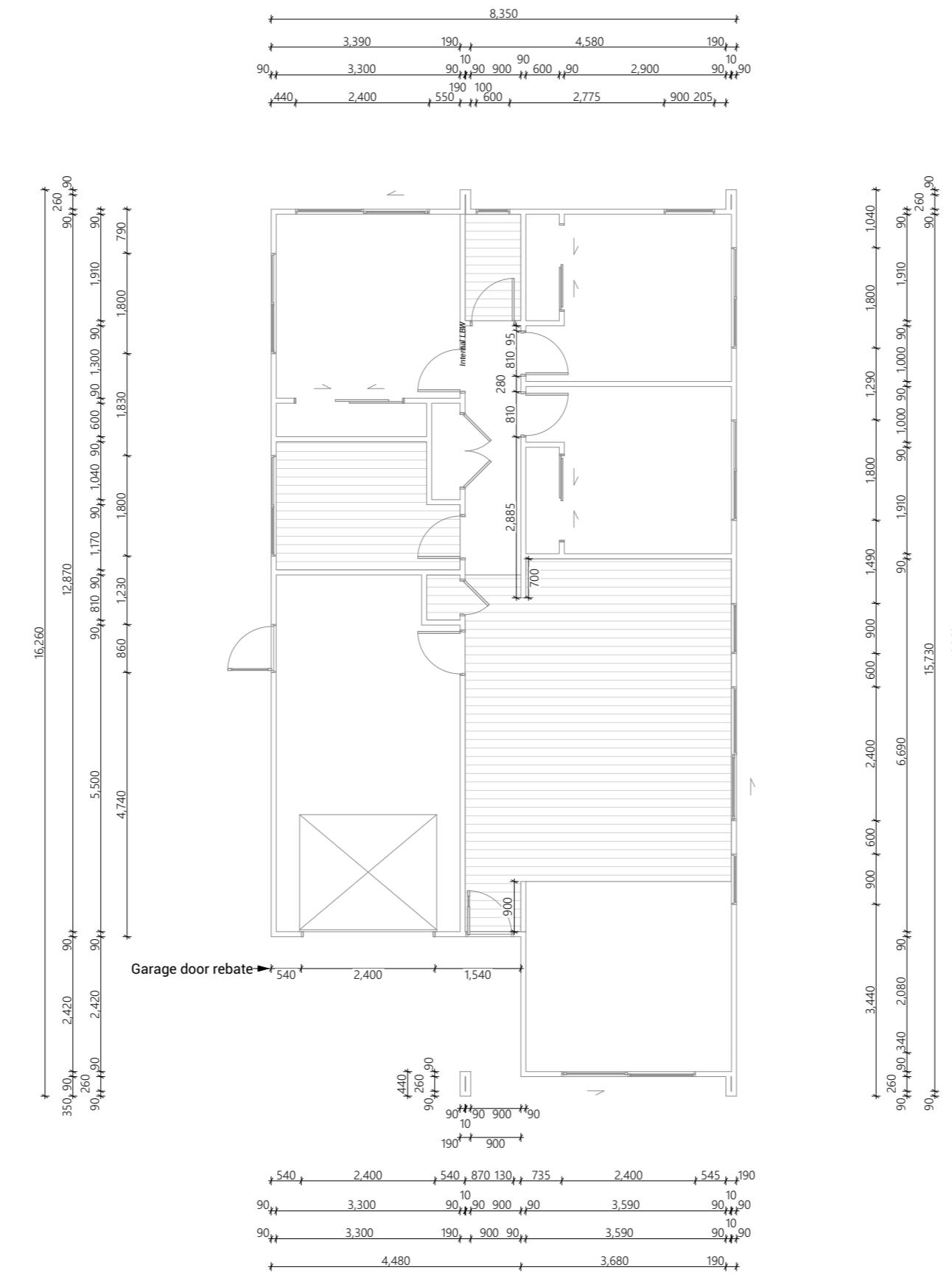
TITLE:

DRAINAGE LAYOUT PLAN

**ENVELOPE**  
W W W . E N V E L O P E - E N G . C O . N Z

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





Proposed Dwelling - K010B	Client: Raukawa Iwi Development Ltd.	 Print In Color
Lot 31 - Tokoroa East Primary School Development	Job No: 24114	
	Date: 30/06/2025	
admin@primedesigns.co.nz	04 528 8405	

# 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 10,000mm<sup>2</sup> 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 ctrs. 150mm min cover over vertical and horizontal joins. 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 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 ctrs regular spacing & 600mm ctrs end spacing, fixed to trusses with 1/10g 80mm long self-drilling screw or alternative 2.4kN fixing.

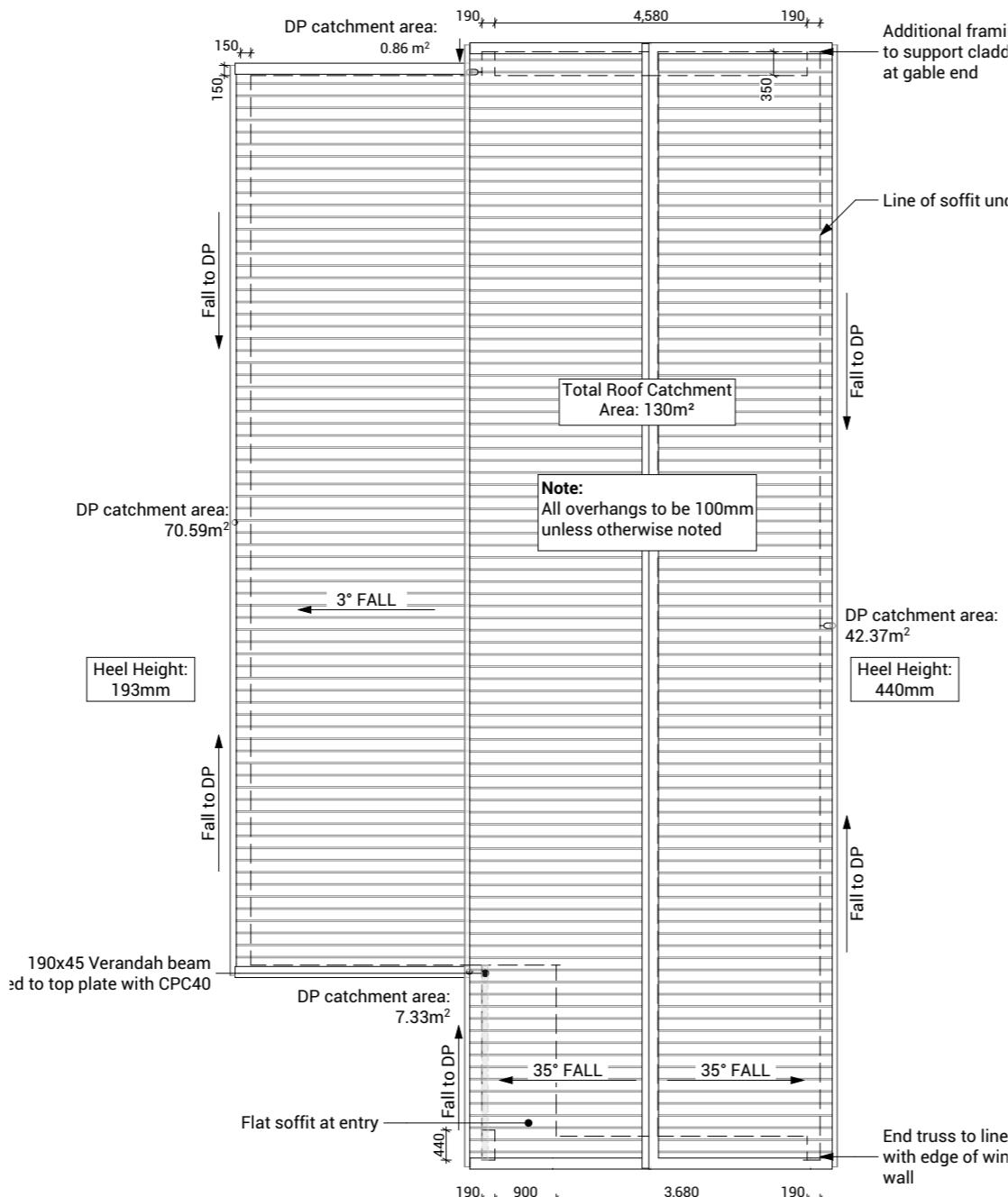
### Gable Verge Overhang (450mm)

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

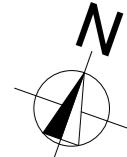
4.5mm James Hardie HardieFlex soffit lining fixed to 90x45mm H1.2 soffit framing using 40 x 2.8mm HardieFlex nails at 200mm ctrs. Soffits jointed with proprietary uPVC jointers.



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Lot 31 - Tokoroa East Primary School Development	Job No: 24114
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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.
Drawn By: <b>A Samson</b>	
Scale: <b>1:100</b>	
Drawing Sheet: <b>Roof Plan</b>	Drawing No: <b>109</b>



## 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

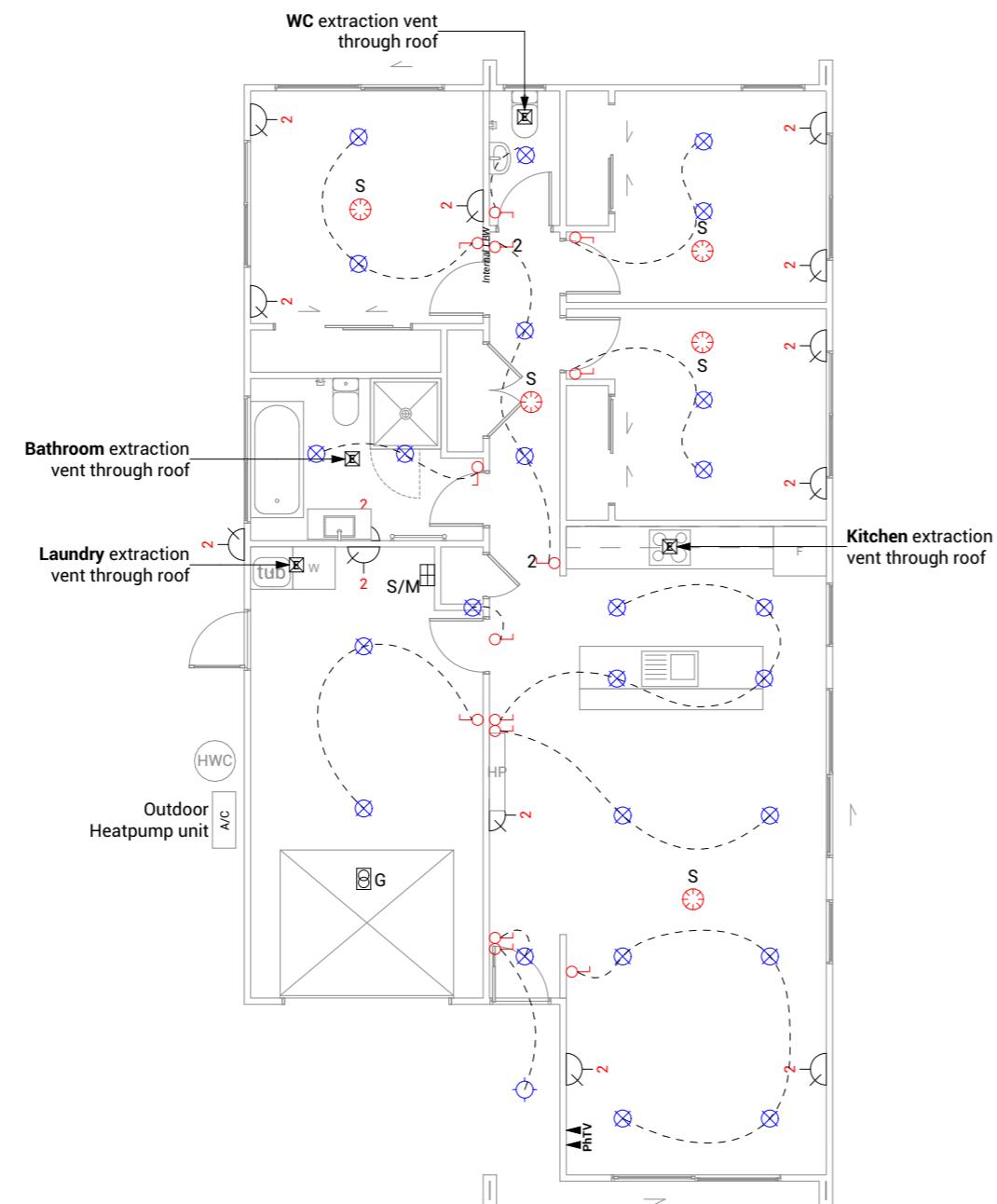
Downlights to be CA135, CA180, IC, or IC-F to comply with AS/NZS 60598.2.2 Amendment A

### 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

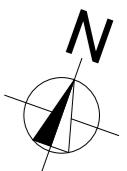
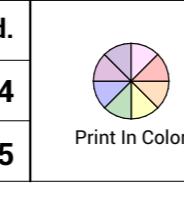
Extractor fans to be Manrose XF150 or similar, vent through roof as per manufacturer's installation instructions. Rangehood to be ducted and vented up and through roof. Dryer to be vented separately as per NZBC G4.

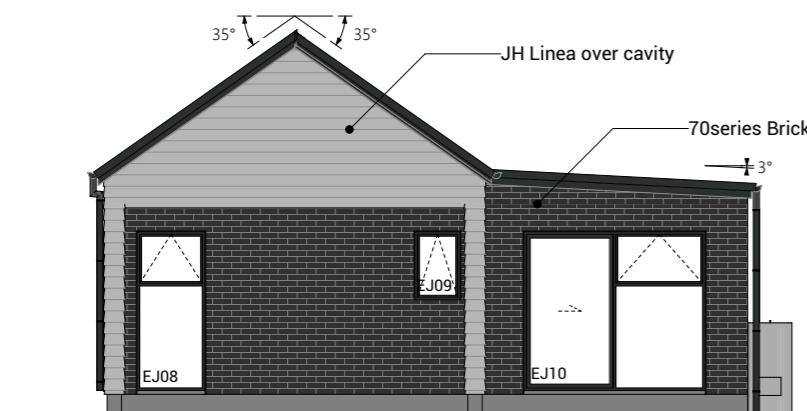


## Electrical Legend

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

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Lot 31 - Tokoroa East Primary School Development	Job No: 24114
	Date: 30/06/2025
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1 South Elevation 1:100



2 West Elevation 1:100



3 North Elevation 1:100

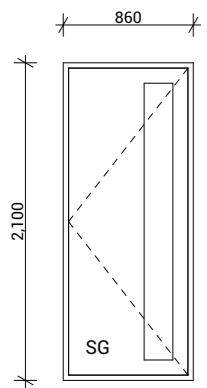


4 East Elevation 1:100

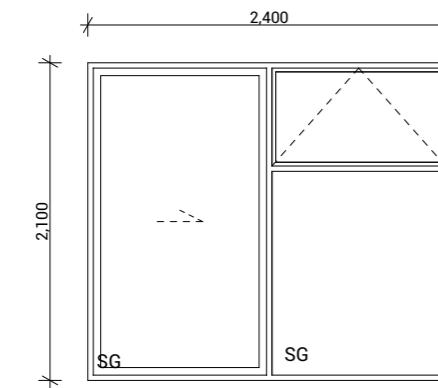
BUILDING ENVELOPE RISK MATRIX		
All Elevations		
Risk Factor	Risk Severity	Risk Score
Wind zone (per NZS 3604)	High risk	1
Number of storeys	Low risk	0
Roof/wall intersection design	Medium risk	1
Eaves width	Very high risk	5
Envelope complexity	Medium risk	1
Deck design	Low risk	0
<b>Total Risk Score:</b>		<b>8</b>

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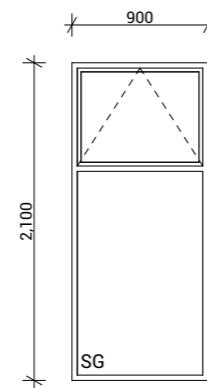




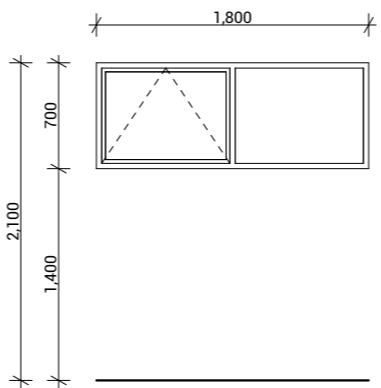
**EJ01**  
Type Entry Door  
Material Aluminium, Thermally Broken  
Glazing Double, Low E, Grade A Safety



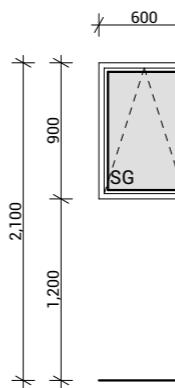
**EJ02, EJ04, EJ10**  
Type Sliding Door With Awning Window  
Material Aluminium, Thermally Broken  
Glazing Double, Low E, Grade A Safety



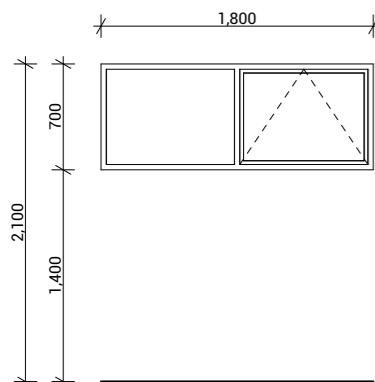
**EJ03, EJ05, EJ08**  
Type Awning Window  
Material Aluminium, Thermally Broken  
Glazing Double, Low E, Grade A Safety



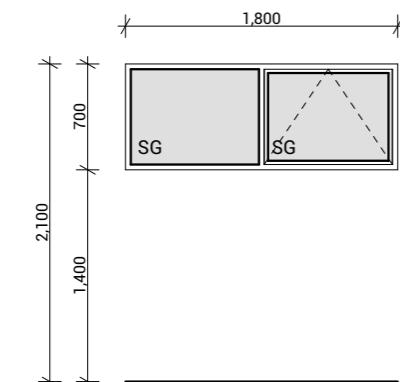
**EJ06, EJ07**  
Type Awning Window  
Material Aluminium, Thermally Broken  
Glazing Double, Low E



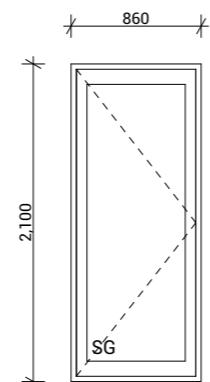
**EJ09**  
Type Awning Window  
Material Aluminium, Thermally Broken  
Glazing Double, Low E, Obscured, Grade A Safety



**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

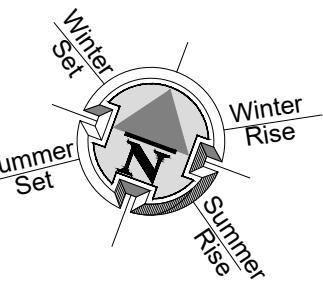
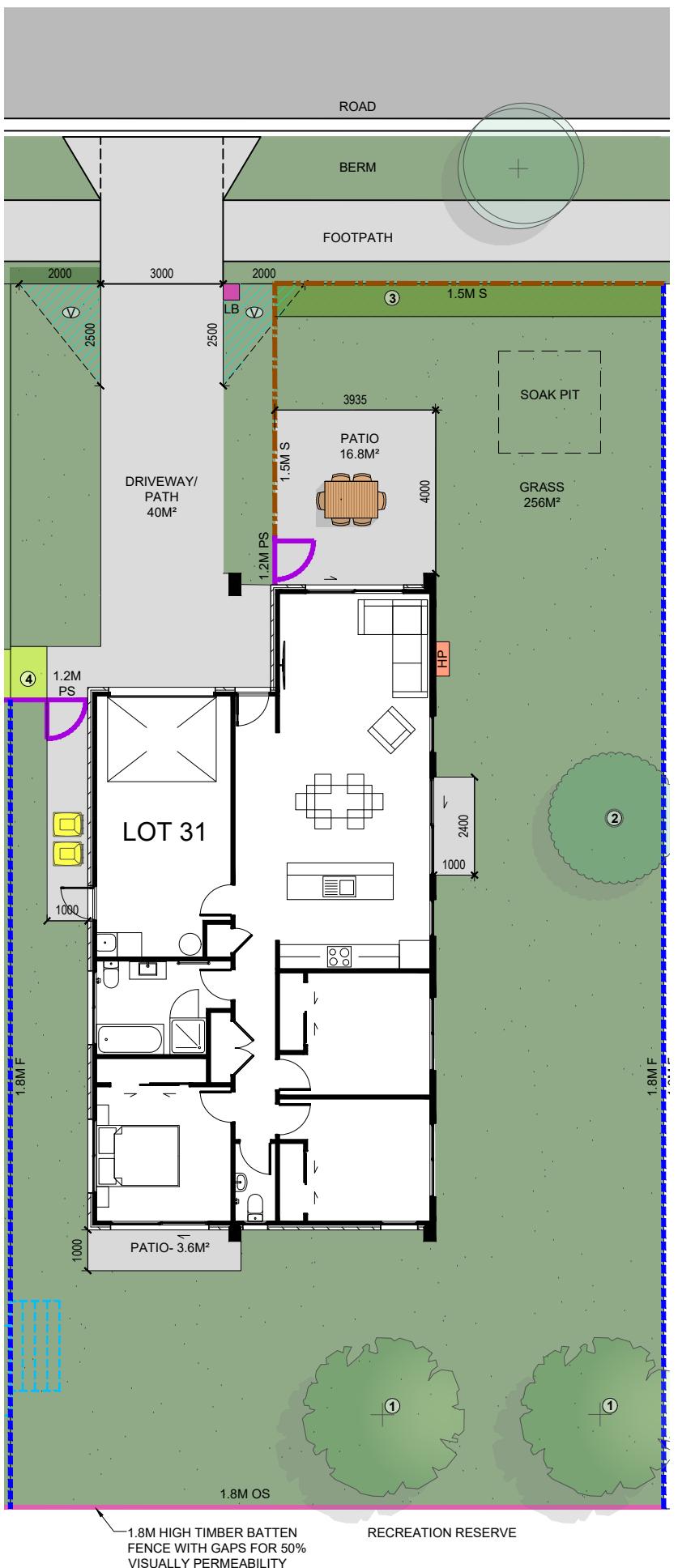
Joinery manufacturer to check reveal depths to suit cladding system, wall underlay, wall framing & interior lining thickness.

### 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.

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Drawn By: <b>A Samson</b>	
Scale: <b>1:50</b>	
Drawing Sheet: <b>Window &amp; Door Schedule</b>	Drawing No: <b>501</b>



LEGEND	
	KARAEHE - GRASS
	RAIMA- CONCRETE. BRUSH FINISH
	ROAD. FINISH BY OTHERS
	KŌWHATU- STONES (PERMEABLE)
1	TYPE 1 FRUIT TREE READ IN CONJUNCTION WITH PLANTING PALETTE
2	TYPE 2 SPECIMEN TREE READ IN CONJUNCTION WITH PLANTING PALETTE
3	HEDGE PLANTING. READ IN CONJUNCTION WITH PLANTING PALETTE
4	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	IPUPARA/ HANGARUA - SERVICE AREA FOR RUBBISH/ RECYCLING BINS
LB	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	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).
SOAK PIT	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.	

# HOUSE OF ORANGE DESIGN

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IN CONJUNCTION WITH THE SUBMISSION, ARCHITECTURAL & ENGINEERING DRAWINGS,  
DRAWINGS BY OTHERS FOR RETAINING WALLS, BARRIERS WITH FALLS OVER 1M, STAIRS,  
SITES DRAINAGE, LANDSCAPE PLANS ARE INDICATIVE AND ARE SUBJECT TO CHANGE.  
HOW TO CONFIRM ALL LAYOUTS BEFORE CONSTRUCTION COMMENCES: FLOOR PLANS AND  
SITE PLANS, SURVEYED BY OTHERS, ARE NOT TAKE-AWAYABLE FOR ITS ACCURACY.

TOKOROA EAST SCHOOL SITE  
MAIN ROAD, TOKOROA

# FOR COUNCIL

## LANDSCAPE PLAN

REV: 3 DATE: 24/07/2025	SHEET No.
SCALE (A3): 1:150	L1.31