

# 8 TE KOHA

LOT NUMBER	BEDROOMS	BATHROOMS	HOUSE SIZE (m <sup>2</sup> )	SECTION SIZE (m <sup>2</sup> )
38	3	2	125	485

LOT LOCATION REAR SECTION (ACCESS LEG OFF ROAD 2)

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 system (designed to NZS3604:2011)	Wall Cladding Type 1	JH Stria	Flooring Types		Carpet/Vinyl
Address	Lot 38, Tokoroa East Primary School Development Tokoroa	Stud Height	2.4m	Wall Cladding Type 2	Truwood Vertical w/b	Balustrade Type		N/A
Territorial Authority	SWDC	Typical Joinery Height	2.1m	Wall Cladding Type 3	N/A	Shower Type		Acrylic
District Plan Zone	Commercial Zone	Typical Internal Door Height	2m	Roof Cladding	Trapezoidal Coloursteel	Water Heating		external HWC
Easements	N/a	Rebated Joinery	N/A	Fascia Type	Metal	Space Heating		Heatpump
Relevant Consent Notices				CONSULTANTS		SITE/BUILDING INFORMATION		
Resource Consent #	RM230072	Wall Underlay	Thermakraft WaterGate Plus	Topographical Survey	Envelope Engineering	Site Coverage		463m <sup>2</sup> /26.9%
Wind Zone	High (to NZS3604:2011)	Roof Underlay	Thermakraft Covertek 401	Structural Engineer	N/a	Floor Area		125m <sup>2</sup>
Corrosion Zone		Wall Insulation	90mm R2.4 Pink Batts Classic Wall	Geotechnical Engineer	HDGO Engineering	Minimum Floor Level (to u/s floor)		To NZBC
Earthquake Zone		Ceiling Insulation	175mm R4 Pink Batts Classic Ceiling	N/a	ITM			
		B Floor Insulation		N/a				
		2 Wet Area Membrane		N/a				



Proposed Dwelling - K03.1	Client: Raukawa Iwi Development Ltd.	 Print In Color		Drawing Set: WD - K03.1	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 Wgt Ltd.		
Tokoroa East Primary School Development	Job No: 24114			Drawn By: A Samson			
	Date: 16/01/2026						
admin@primedesigns.co.nz	04 528 8405	Drawing Sheet: Project Specifications			Drawing No: 102		

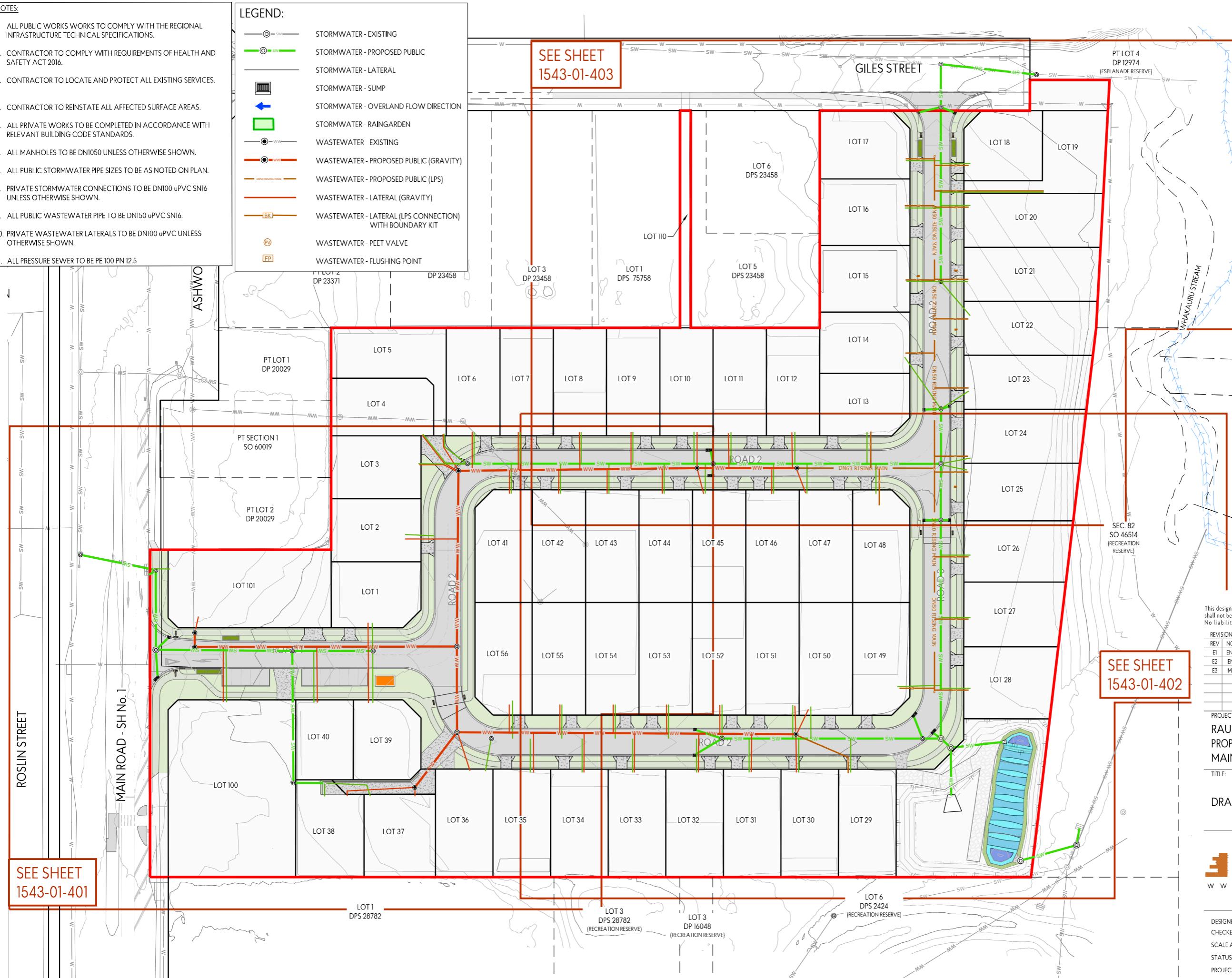
NOTES:

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

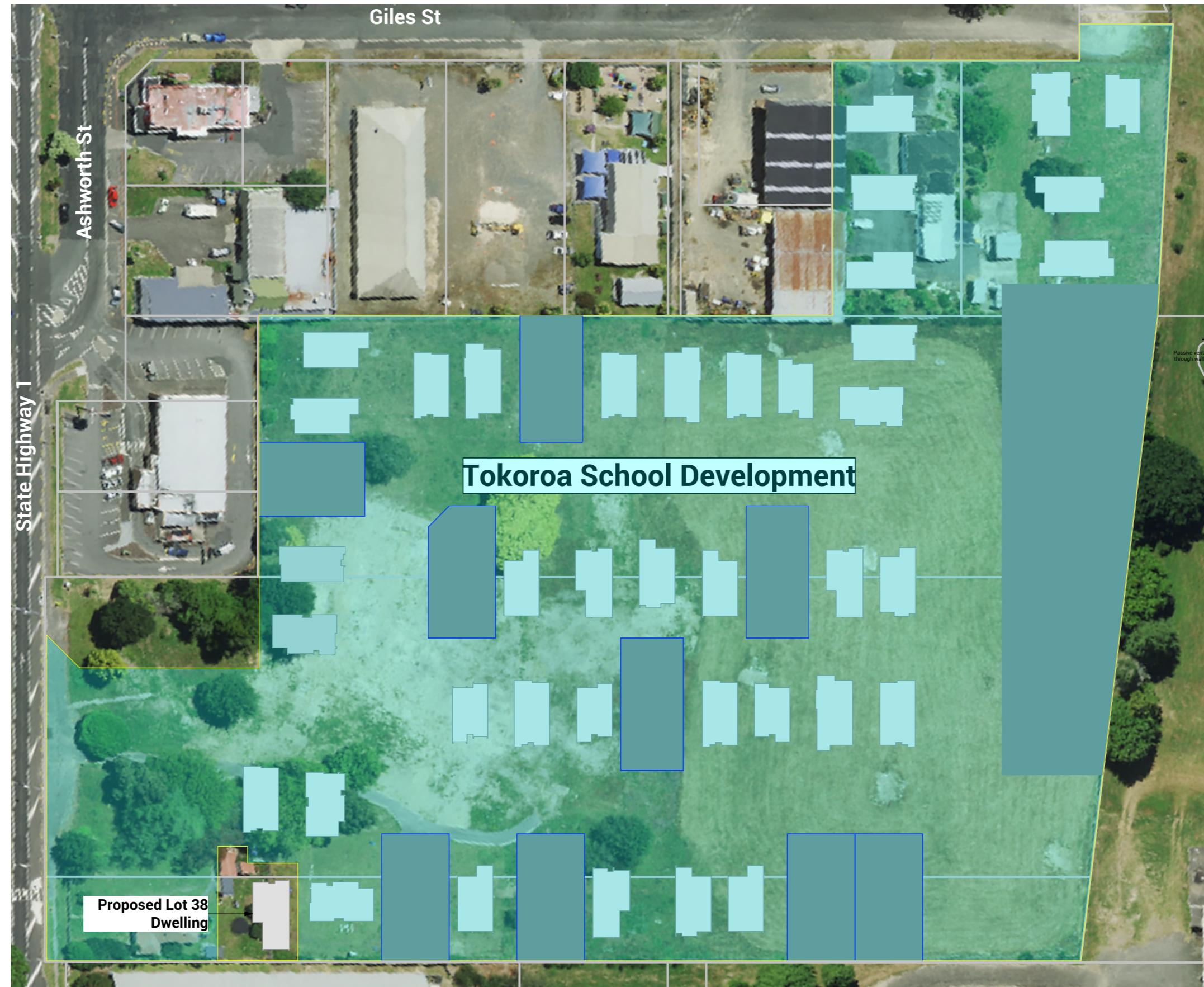
PROJECT:  
RAUKAWA IWİ DEVELOPMENT LTD  
PROPOSED SUBDIVISION - TOKOROA EAST SCHOOL  
MAIN ROAD, TOKOROA

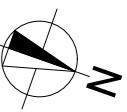
TITLE:

DRAINAGE LAYOUT PLAN

**ENVELOPE**  
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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

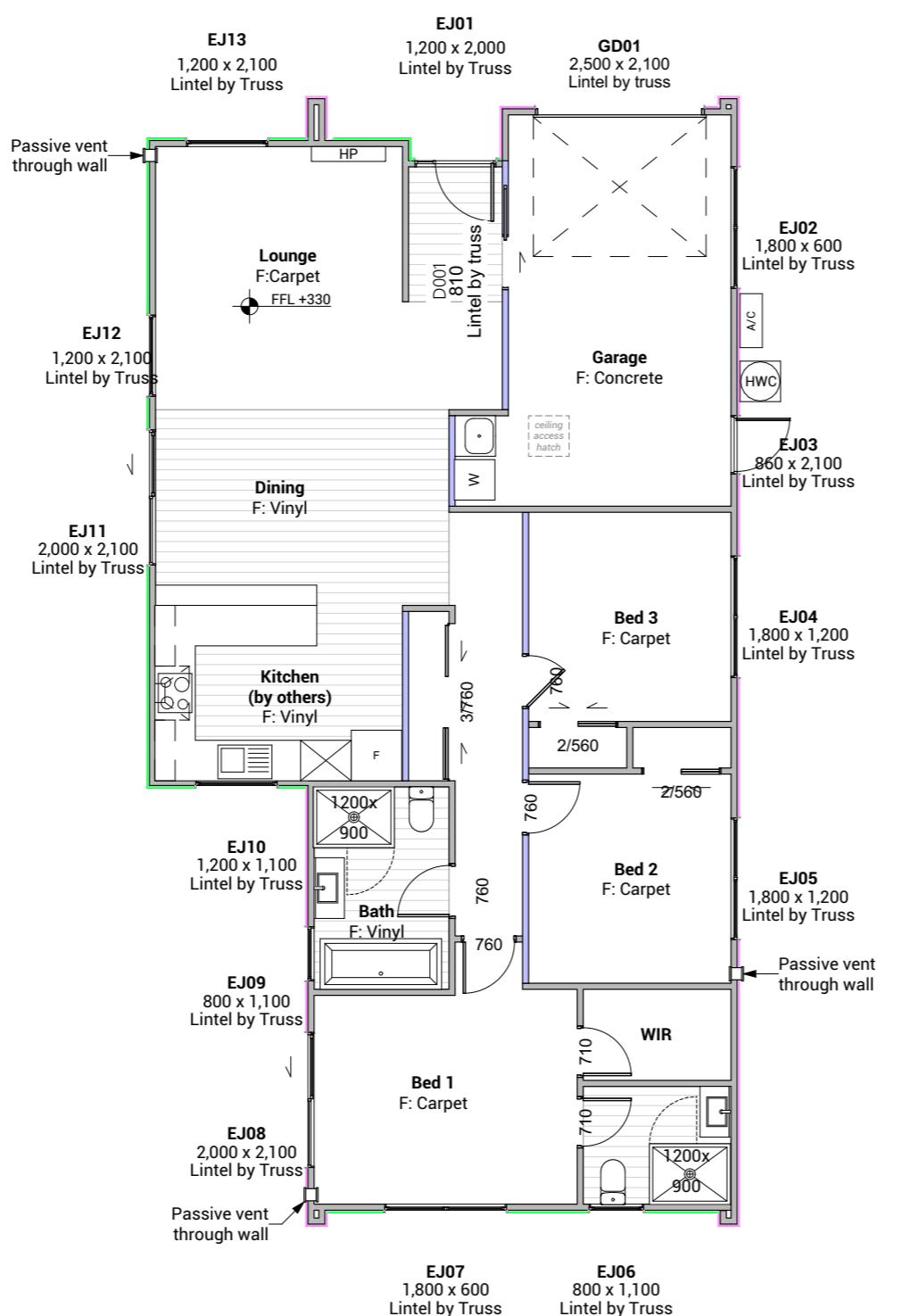


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Lot 38 - Tokoroa East Primary School Development	Job No: 24114		Drawn By: A Samson		
	Date: 30/06/2025		Scale: 1:1000		
admin@primedesigns.co.nz	04 528 8405		Drawing Sheet: Site Location Plan		
Drawing No: 104					

## Legend

- JH Stria
- Truwood Vertical w/b
- Internal LBW

Natural Light and Ventilation Calculation			
	Floor Area	Light %	Ventilation %
Lounge/Kitchen	39.47m <sup>2</sup>	4.08m <sup>2</sup> / 10.34%	2.52m <sup>2</sup> / 6.38%
Bedroom 1	10.89m <sup>2</sup>	1.4m <sup>2</sup> / 12.86%	1.19m <sup>2</sup> / 10.93%
Bedroom 2	9.90m <sup>2</sup>	1.4m <sup>2</sup> / 14.14%	1.19m <sup>2</sup> / 12.02%
Bedroom 3	9.29m <sup>2</sup>	3.92m <sup>2</sup> / 42.20%	1.81m <sup>2</sup> / 19.48%



Floor Area	
Total Floor Area	125m <sup>2</sup>

Proposed Dwelling - K03.1	Client: Raukawa Iwi Development Ltd.
Lot 38 - Tokoroa East Primary School Development	Job No: 24114
	Date: 30/06/2025

admin@primedesigns.co.nz

04 528 8405

3 Jupiter Grove, Trentham, Upper Hutt

## 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 horizontal Stria cladding over 20mm cavity

Horizontal James Hardie Stria wide panel cladding over 45x18mm H3.1 timber cavity battens (Cladding weight:16kg/m<sup>2</sup>). Refer to manufacturer's information & Details for fixing and waterproofing requirements. Dwangs @ 800ctrs.

#### Vertical Truwood Weatherboards over 20mm cavity

Client selected vertical Cedarscreen Truwood weatherboards fixed over cavity battens over wall underlay (Cladding weight 8.75kg/m<sup>2</sup>). Refer to details and manufacturer's information for fixing and waterproofing requirements. Dwangs @ 480ctrs.

#### 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 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

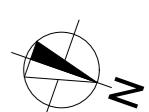
All internal door leaf widths as noted on floor plan, all heights 1980mm unless otherwise noted

#### Architraves

Architraves to be installed to all internal doors and windows

#### Passive Ventilation

Passive ventilation to be provided to habitable spaces (living area and bedrooms) in the form of Manrose Puro through wall passive vent kit (non filtered). 3000mm<sup>2</sup> effective aerodynamic area per vent. Install in locations shown on floor plan.



Drawing Set: WD - K03.1

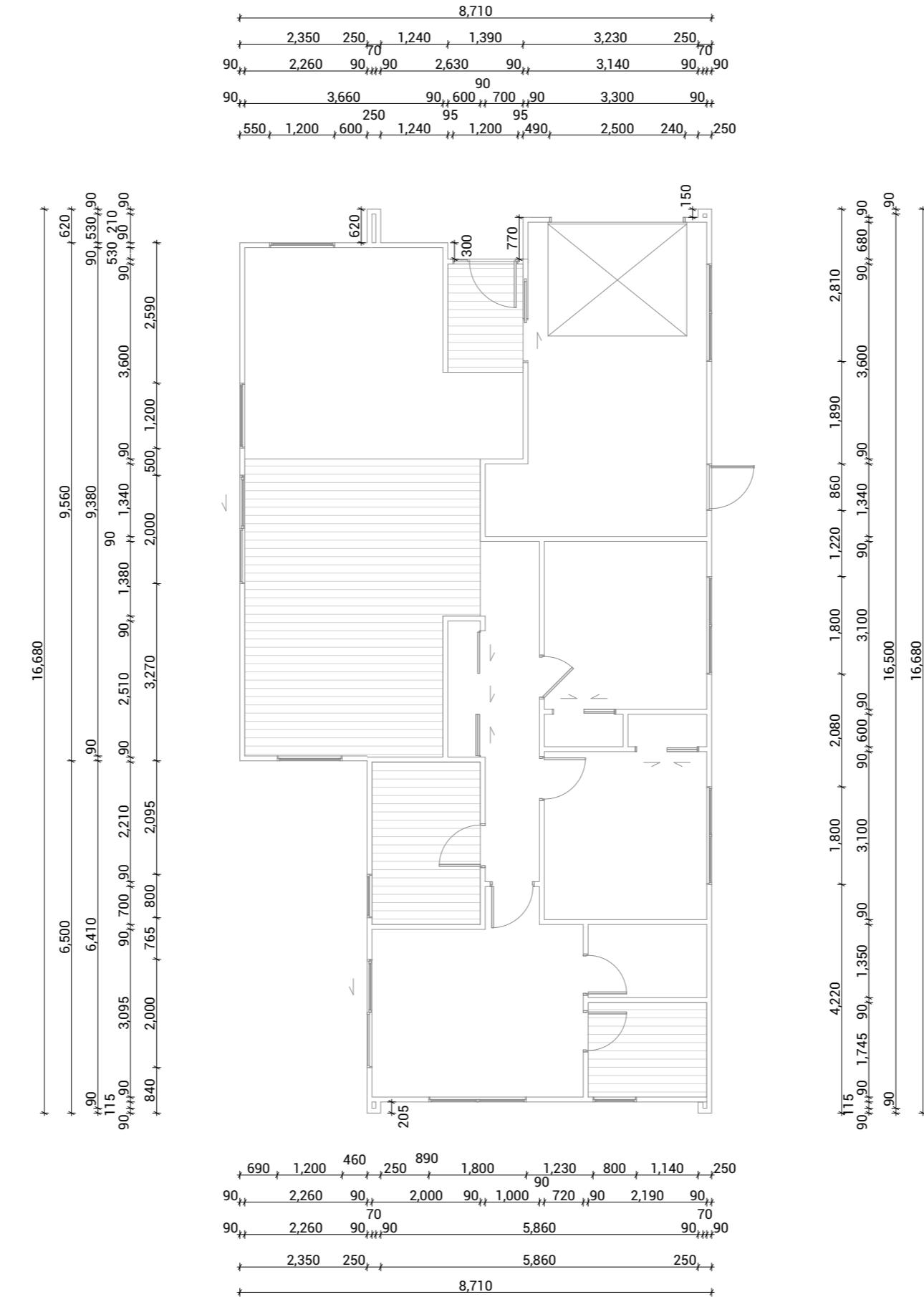
Drawn By: A Samson

Scale: 1:100

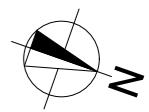
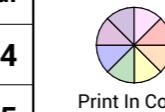
Drawing Sheet: Floor Plan

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Drawing No: 108



Proposed Dwelling - K03.1	Client: Raukawa Iwi Development Ltd.
Lot 38 - Tokoroa East Primary School Development	Job No: 24114
	Date: 30/06/2025





## Electrical Legend

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

## 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

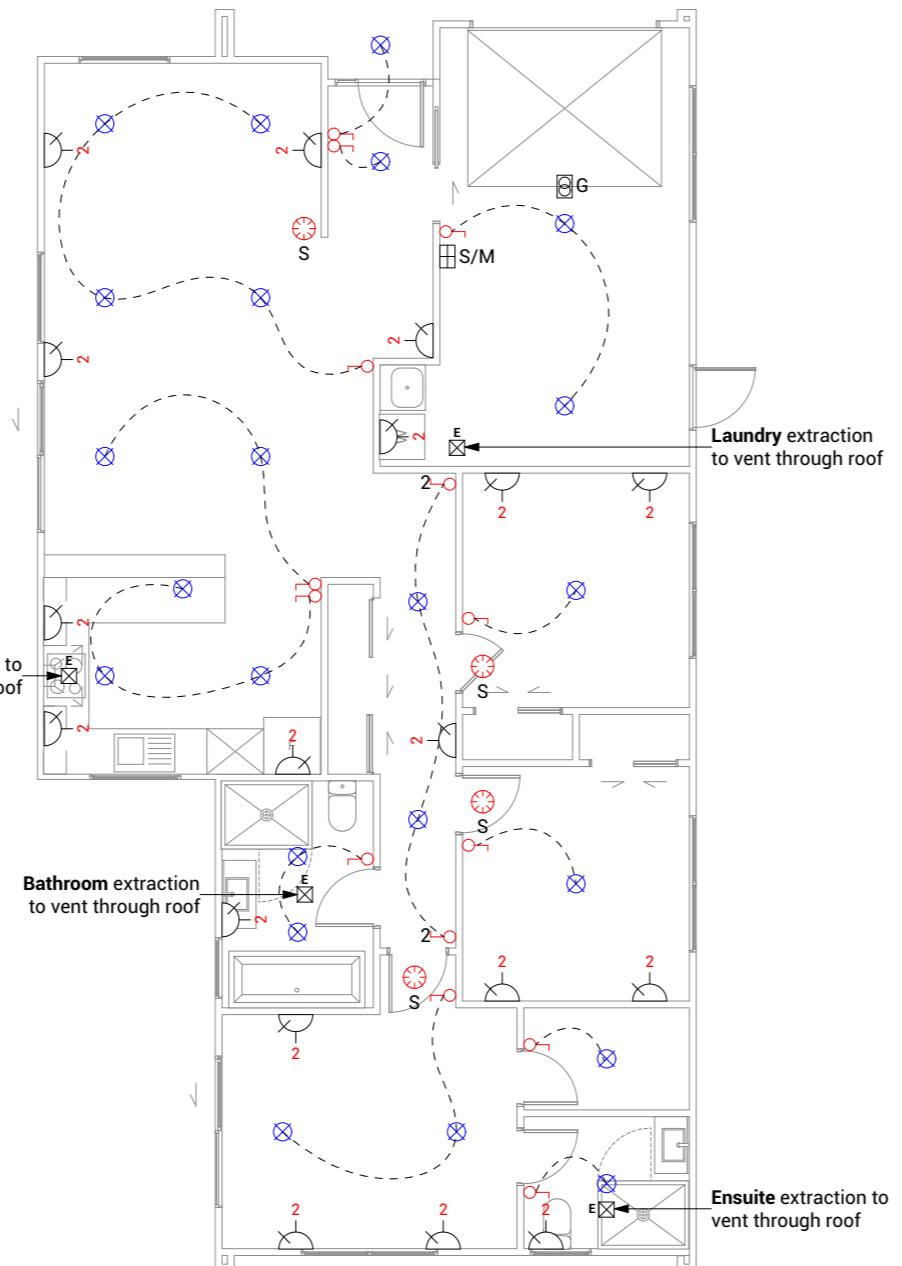
Downlights to be CA135, CA180, IC, or IC-F to comply with AS/NZS 60598.2.2 Amendment A

### Smoke detectors

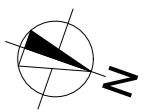
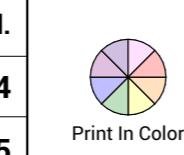
Smoke detectors to be installed to comply with NZBC F7/AS1, C/AS1, NZS 4514:2021 and be located on or near the ceiling, in all bedrooms, living spaces, hallways and landings within the building. Where the kitchen is separated from the living space and hallways by doors that can be closed a heat alarm 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.



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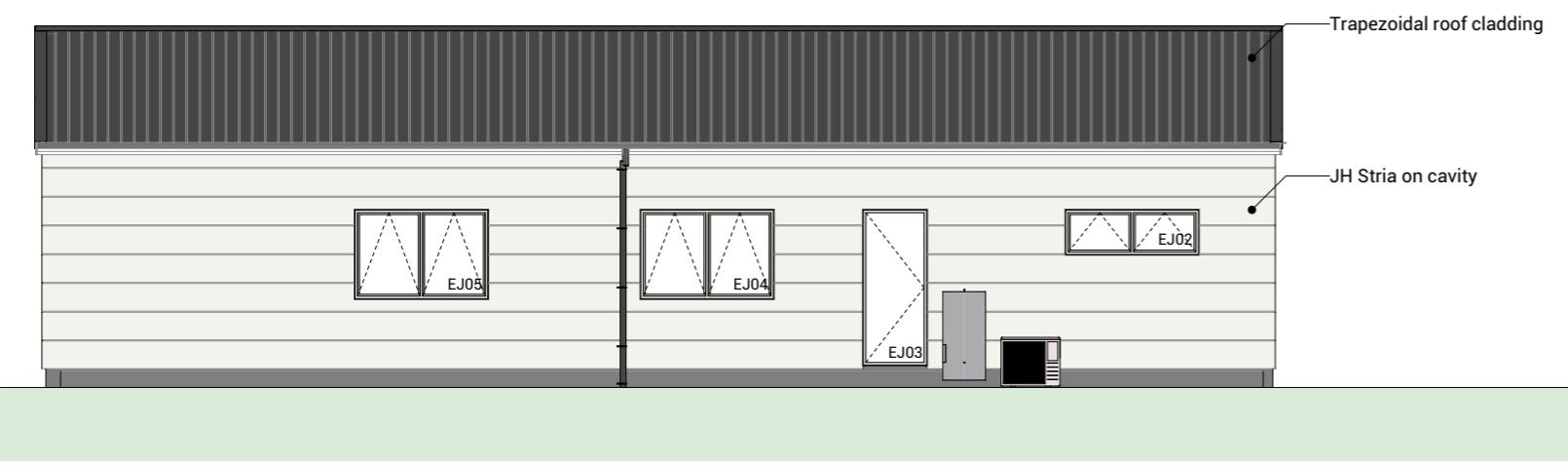
BUILDING ENVELOPE RISK MATRIX		
All Elevations		
Risk Factor	Risk Severity	Risk Score
Wind zone (per NZS 3604)	High risk	1
Number of storeys	Low risk	0
Roof/wall intersection design	High risk	3
Eaves width	Very high risk	5
Envelope complexity	Medium risk	1
Deck design	Low risk	0
<b>Total Risk Score:</b>		<b>10</b>



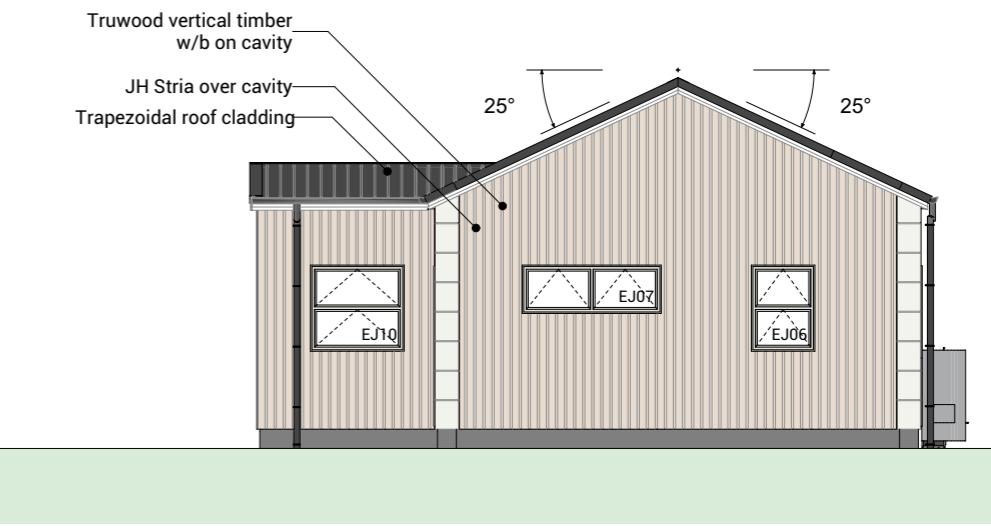
1 North Elevation 1:100



4 East Elevation 1:100

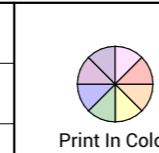


3 South Elevation 1:100

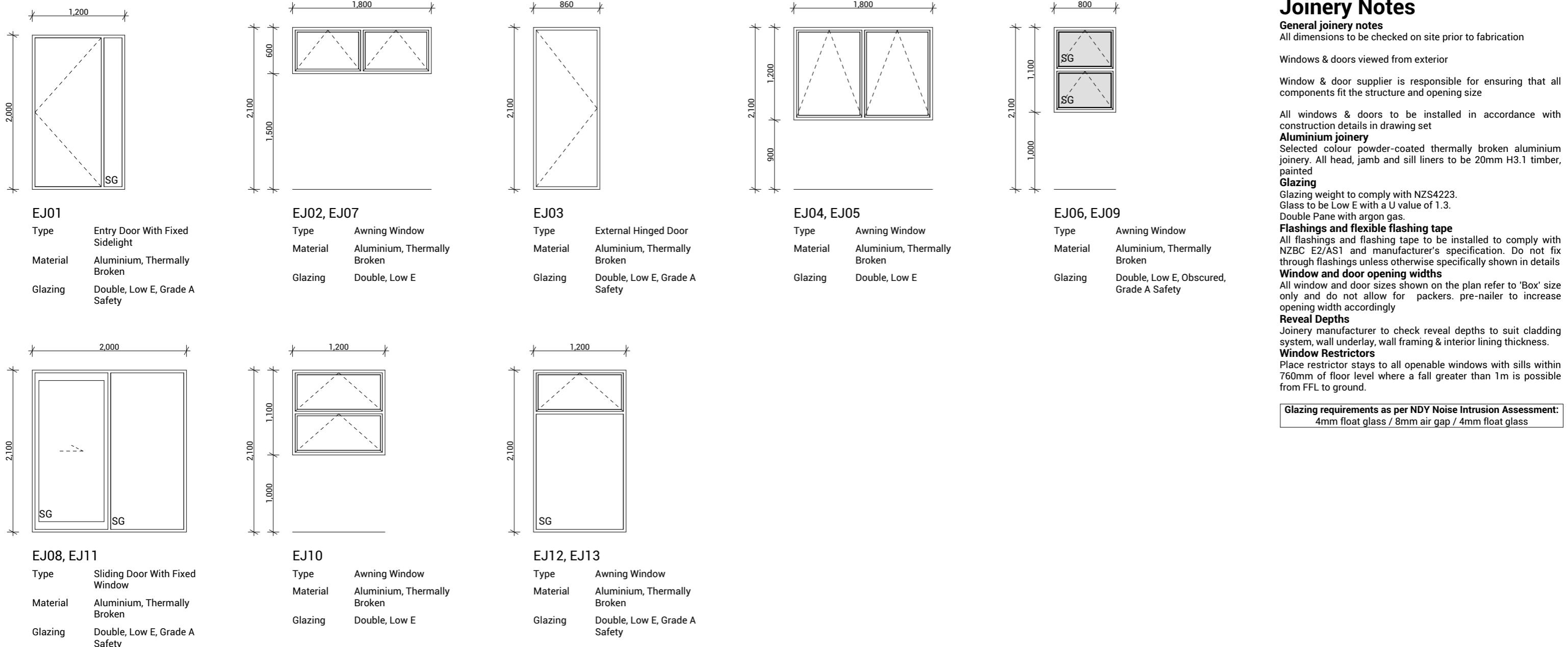


2 West Elevation 1:100

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Lot 38 - Tokoroa East Primary School Development	Job No: 24114
	Date: 30/06/2025
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Drawing Set: WD - K03.1	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 Wgt Ltd.
Drawn By: A Samson	
Scale: 1:100	
Drawing Sheet: Elevations	Drawing No: 301



## 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.

**Glazing requirements as per NDY Noise Intrusion Assessment:**  
4mm float glass / 8mm air gap / 4mm float glass

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	Date: 30/06/2025		Scale: 1:50	
admin@primedesigns.co.nz	04 528 8405		Drawing Sheet: Window & Door Schedule	
				Drawing No: 501

