INDEX

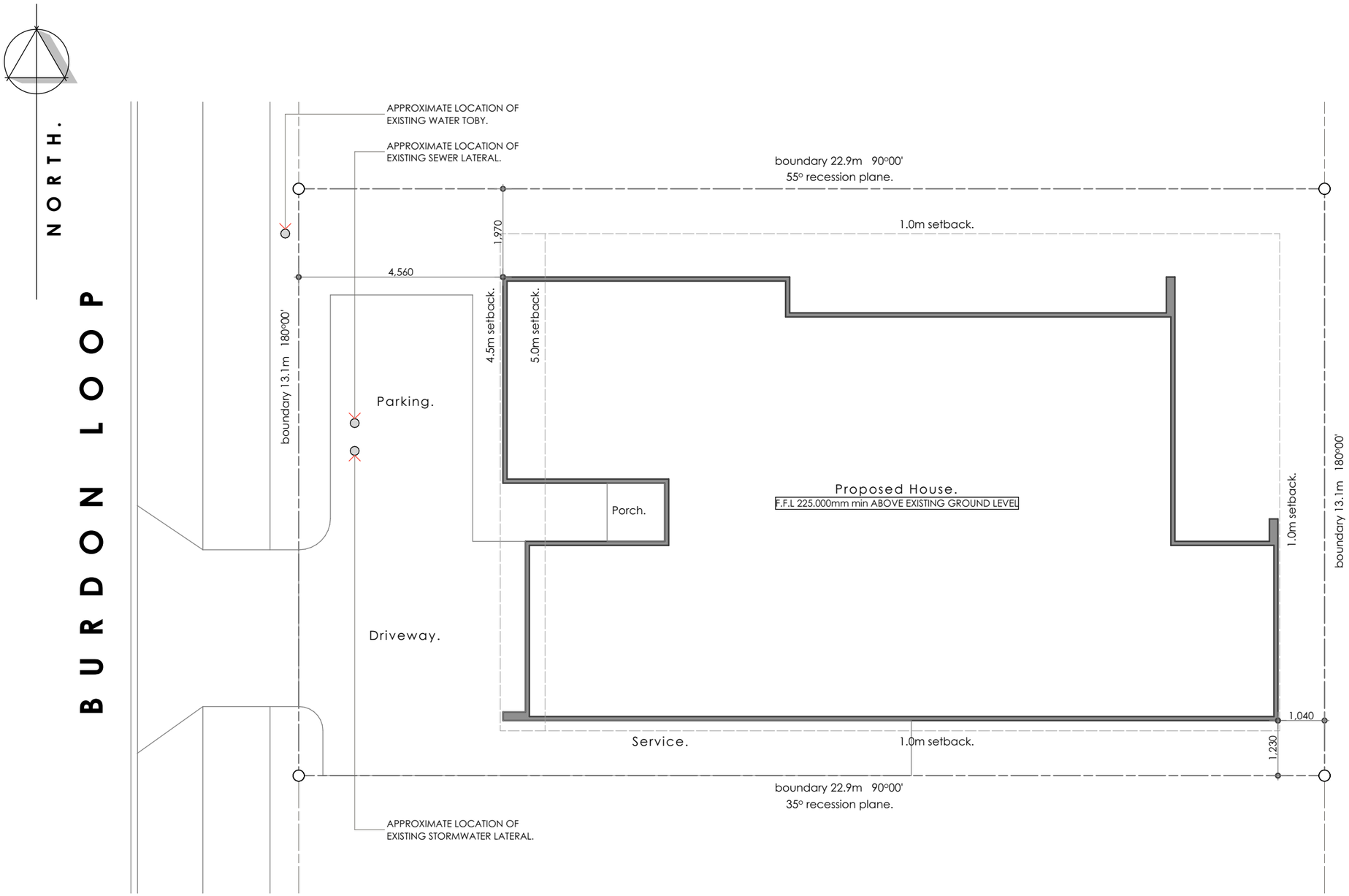
Proposed New House

Bell Residence, 45 Burdon Loop LAKE HĀWEA

sheet no.	drawing title
A1.1	Proposed Site Plan
A1.2	Proposed Drainage Plan
A1.3	Proposed Foundation Plan
A1.4	Proposed Floor Plan
A1.5	Proposed Roof Plan
A1.6	Proposed Bracing Plan
A1.7	Proposed Bracing Calculations
A1.8	Proposed Electrical Plan
A2.1	Proposed Elevations
A2.2	Proposed Elevations
A3.1	Cross Section A-A
A3.2	Cross Section B-B
A4.1	Construction Details
A4.2	Construction Details
A4.3	Construction Details
A4.4	Construction Details
A4.5	Construction Details
A4.6	Construction Details
A4.7	Construction Details
A4.8	Construction Details
A4.9	Construction Details
A4.10	Construction Details
A5.1	Proposed Opening Setout Plan
A5.2	Proposed Opening Schedule

LDSGN architecture

Building Consent Issue - 11.11.26.



Site Plan.

Scale 1:100

ALL DIMENSIONS ARE TAKEN TO FOUNDATION LINE

LEGAL DESCRIPTION:

Lot 96
DP 605685

45 Burdon Loop
LAKE HĀWEA

Site Area: 300m²

TOTAL FOOTPRINT AREA: 145.42m²

SITE COVERAGE: 145.42 m² / 300 m² = 48.47%

WIND ZONE - HIGH
EARTHQUAKE ZONE - 3
SNOW ZONE - N5
ALTITUDE - 351m
SNOW LOAD - 1.24kPa
EXPOSURE ZONE - B
CLIMATE ZONE - 6

LOWER DENSITY SUBURBAN RESIDENTIAL ZONE

SITE FENCING NOTE:

2m high LINKMESH FENCING TO ALL ROAD BOUNDARIES TO KEEP THE PUBLIC FROM THE SITE DURING CONSTRUCTION TO COMPLY WITH NZBC SECTION F5.

GENERAL SITE NOTES:

1. THE IMPLEMENTATION AND MAINTENANCE OF SEDIMENT MANAGEMENT IS THE RESPONSIBILITY OF THE MAIN CONTRACTOR.
2. CONTRACTORS SHALL UNLOAD AND LOAD ALL EXCAVATION MACHINERY ON THE SITE AND NOT FROM TRUCKS PARKED ON THE ROAD.
3. THE CONTRACTOR IS TO MAKE AVAILABLE A HOSE FOR WASHING DOWN DELIVERY VEHICLES AND CONCRETE TRUCKS BEFORE THEY LEAVE THE SITE.
4. DEMOLITION AND SITE CLEARANCE ACTIVITIES SHALL IDEALLY COMMENCE DURING A PERIOD OF FINE WEATHER TO REDUCE THE RISK OF SEDIMENT ESCAPING FROM THE SITE.
5. EXISTING SUMPS SHALL BE PROTECTED WITH HAY BALES OR FILTER FABRIC.
6. SOIL STOCKPILES SHALL BE COVERED WITH POLYTHENE SHEET AND HELD IN PLACE WITH LARGE ROCKS.
7. ENSURE THAT ALL EXCAVATIONS FOR SERVICES ARE BACKFILLED AS SOON AS POSSIBLE.
8. DOWNPIPES (TEMPORARY) IF NECESSARY ARE TO BE INSTALLED AND CONNECTED TO THE STORMWATER SYSTEM AS EARLY AS POSSIBLE ONCE THE ROOFING MATERIAL HAS BEEN INSTALLED.
9. A HEALTHY VEGETATION BUFFER SHALL BE LEFT OVER AS MUCH OF THE SITE AS POSSIBLE.
10. THE SITE IS TO BE KEPT CLEAN AND TIDY AT ALL TIMES.

EXTERIOR COLOUR SCHEME:

COLORSTEEL 'THUNDER GREY' LRV: 12%

- COLORSTEEL 5 RIB WALL CLADDING.
- COLORSTEEL 5 RIB ROOF CLADDING.
- ALL ASSOCIATED FLASHINGS.
- FASCIA, GUTTER and DOWNPIPES.
- EXTERIOR DOOR and WINDOW JOINERY (INCLUDING GARAGE DOOR).

ABODO VULCAN IN NATURAL VERTICAL SHIPLAP WEATHERBOARD

- VERTICAL WEATHERBOARD WALL CLADDING.

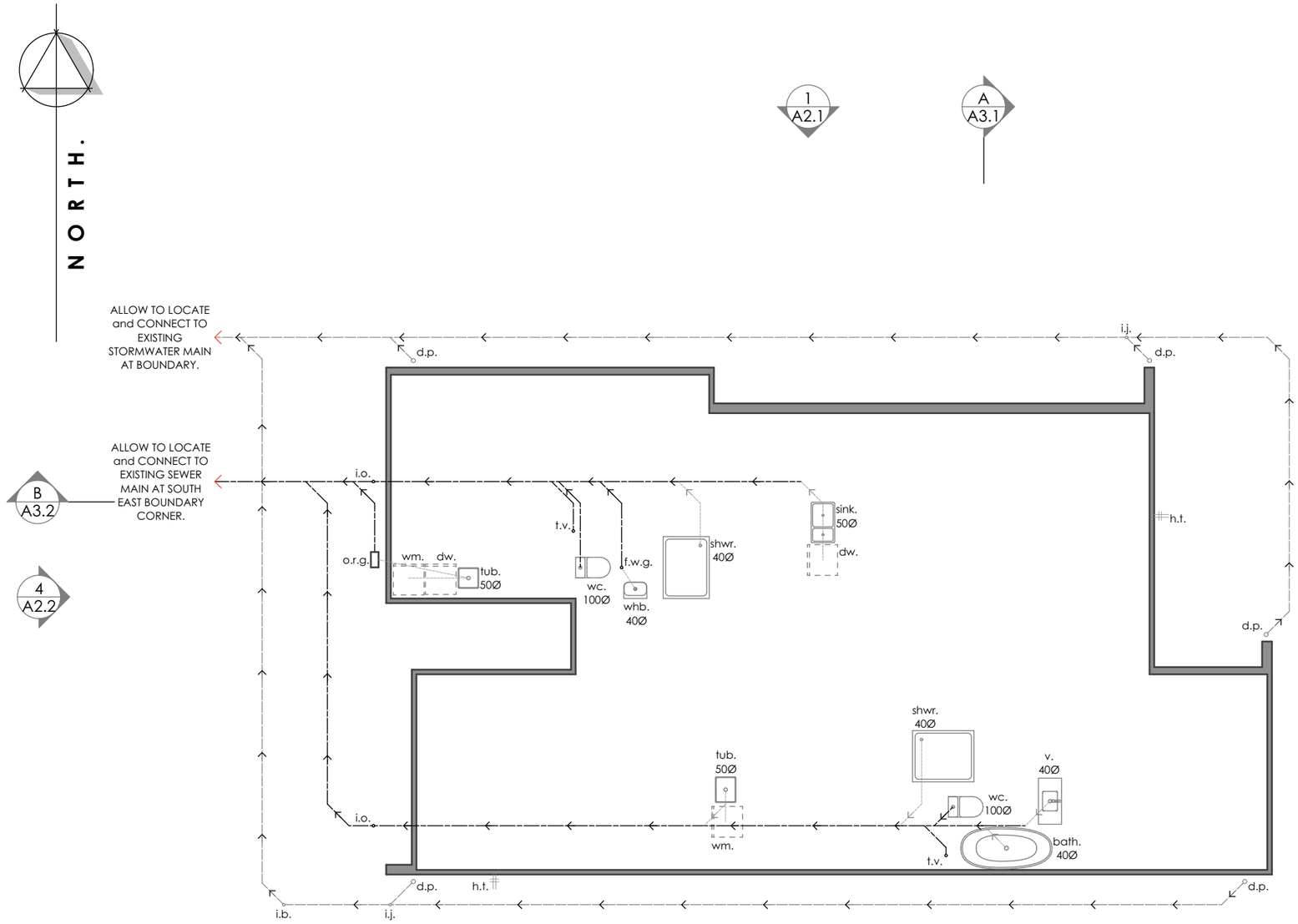
LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Proposed Site Plan	As shown. Sheet size A3.	26.069 11.11.26.	A1.1	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



Drainage Plan.
Scale 1:100

LEGEND:

h.t.	HOSE TAPS FITTED WITH HOSE CONNECTION VACUUM BREAKER BACKFLOW PROTECTION DEVICE (PERMANENTLY ATTACHED). LOCATION TO BE CONFIRMED BY CLIENT.
i.b.	INSPECTION BEND.
i.j.	INSPECTION JUNCTION.
i.o.	INSPECTION OPENING.
t.v.	50Ø TERMINAL VENT.
o.r.g.	OVERFLOW RELIEF GULLY.
f.w.g.	50mm dia FLOOR WASTE GULLY.
d.p.	COLORSTEEL DOWNPIPE (refer roof plan for sizes).
———	100Ø STORMWATER DRAIN 1:60min GRADE.
– – –	100Ø SEWER DRAIN 1:60min GRADE.
·····	65Ø SEWER DRAIN 1:40min GRADE.

NOTES:

1. CONFIRM ALL INVERT LEVELS (WASTEWATER & STORMWATER) PRIOR TO CONFIRMATION OF FINISHED FLOOR LEVEL. CONTACT DESIGNER IF SUFFICIENT FALLS CAN NOT BE ACHIEVED.
2. ALL DRAINS WITH-IN THE BUILDING STRUCTURE ARE TO BE WRAPPED WITH ACOUSTOP FLEXILAGG.
3. WASTES THAT BECOME DRAINS AT FLOOR LEVEL MUST BE 65Ømin, 1:40min GRADIENT.
4. 400mm min COVER AT THE INVERT AT THE HEAD OF ALL DRAINS.
5. ALL DRAINAGE UNDER DRIVEWAY AREAS ARE TO BE PROVIDED WITH 700mm MIN COVER TO THE INVERT OR TO BE CONCRETE ENCASED.
6. ALL DRAINAGE SHOWN AS INDICATIVE ONLY. DRAIN SIZES AND GRADIENTS ARE TO BE CONFIRMED AND FINALISED BY PLUMBER AND DRAINLAYER.
7. ALL DRAINAGE TO COMPLY WITH THE NZBC APPROVED DOCUMENTS:
   - E1/AS1 SURFACE WATER.
   - AS/NZS 3500 pt 2.
8. ALL WASTES AND DRAINS ARE TO BE uPVC UNLESS STATED OTHERWISE.
9. ALL HOT WATER PIPES TO BE 15mm POLYBUTYLENE UNLESS STATED OTHERWISE.
10. HOT WATER TO BE TEMPERED AT 50° TO ALL PERSONAL HYGIENE FIXTURES INCLUDING HAND BASINS, BATHS and SHOWERS. KITCHEN SINKS and LAUNDRY TUBS TO BE TEMPERED AT 55°.
11. HOT and COLD WATER PIPES IN AREAS WHERE THE LIKELIHOOD OF FREEZING (outside the building thermal envelope) SHALL BE INSULATED WITH ALLPROOF THERMAL LAGGING (or the equivalent of).
12. ALL PIPES BELOW GROUND ARE TO BE INSULATED OR BURIED BELOW FREEZING LINE.

LDSGN architecture

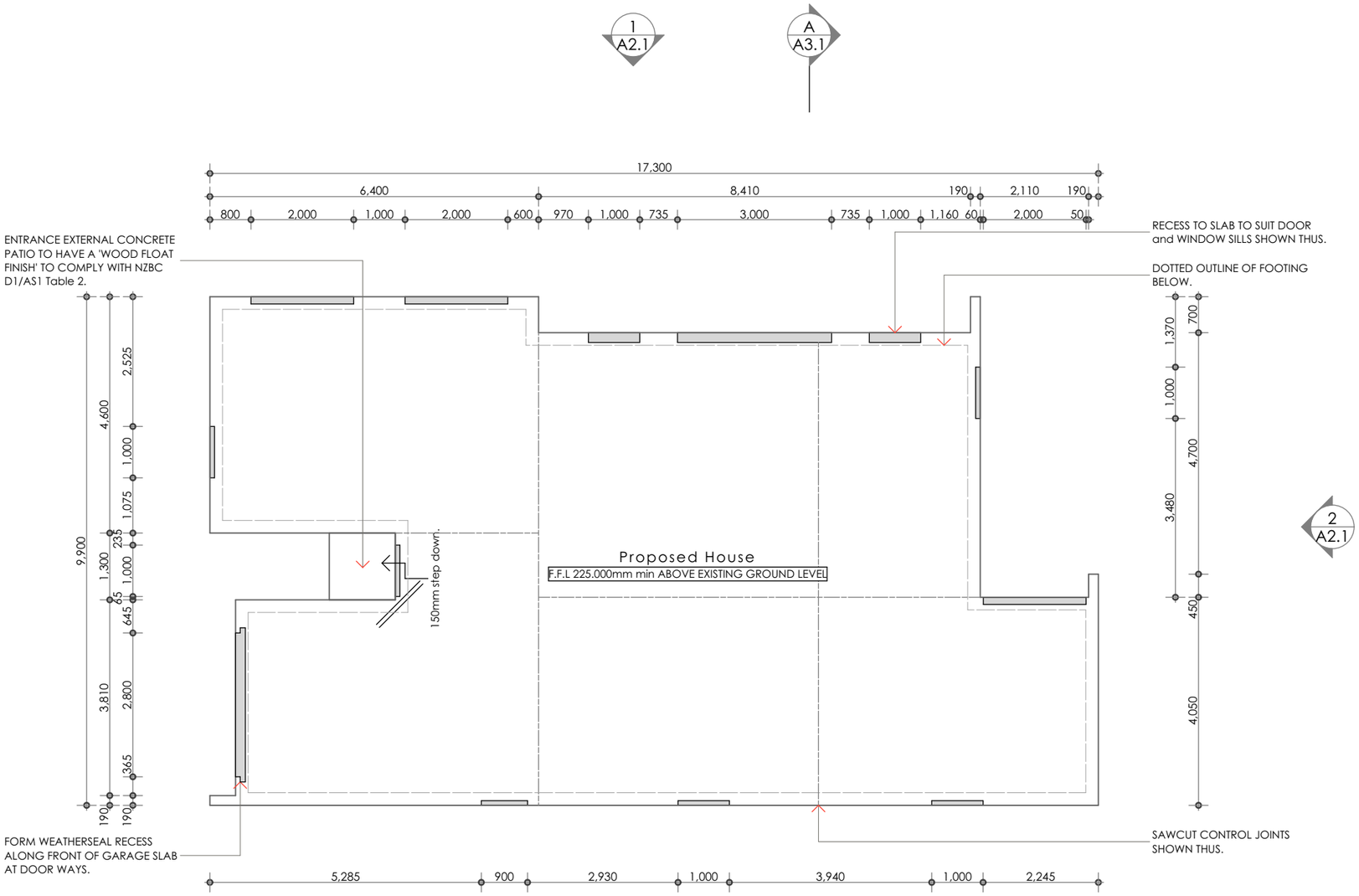
Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Proposed Drainage Plan	As shown. Sheet size A3.	26.069 11.11.26.	A1.2	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.

NORTH.



Foundation Plan.

Scale 1:100

3
A2.2

LEGEND:

2/D12 SUPPLEMENTARY REINFORCING BARS - 1.2m long.

NOTES:

DIMENSIONS HAVE BEEN TAKEN TO FOUNDATION PERIMETER, REFER TO FLOOR PLAN FOR OVERALL FRAMING LAYOUT.

SLAB TO BE CONSTRUCTED IN ACCORDANCE WITH NZS3604:2011
THIS PROJECT:
100mm thick CONCRETE SLAB WITH 500E REINFORCING MESH ON 80mm CLASS H POLYSTYRENE UNDERFLOOR INSULATION OVER 250 MICRON POLYTHENE VAPOUR BARRIER ON 25mm SAND BLINDING AND WELL COMPACTED APPROVED HARDFILL.

FOOTINGS TO BE CONSTRUCTED IN ACCORDANCE WITH NZS3604:2011.
THIS PROJECT:
20series BLOCK PERIMETER WITH 20MPa CONCRETE FILL, REINFORCED WITH R10 STARTERS @600max.crs and D12 and D16 HORIZONTAL RODS, REFER TO CONSTRUCTION DETAILS.

REINFORCING COVERAGE:
75mm COVER WHEN CONCRETE IS DIRECTLY IN CONTACT WITH GROUND.
30mm COVER TO SLAB.
60mm COVER TO MASONRY FOOTING.

SELECTED FINISHES TO ACCESS ROUTES TO COMPLY WITH NZBC D1/AS1 TABLE 2, ACCEPTABLE SLIP RESISTANCE FOR WALKING SURFACES. ALL FINISHES TO BE CONFIRMED WITH COMPLIANCE TO ABOVE STANDARDS.

READ IN CONJUNCTION WITH DRAINAGE PLAN TO SERVICES IN FOUNDATION WORK.

LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Proposed Foundation Plan	As shown. Sheet size A3.	26.069 11.11.26.	A1.3	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



RHEEM 27L CONTINUOUS FLOW GAS HOT WATER HEATER SHOWN INDICATIVE ONLY, LOCATION TO BE CONFIRMED ON SITE WITH AN APPROVED INSTALLER.

GAS CYLINDERS SHOWN INDICATIVE ONLY, LOCATION TO BE CONFIRMED ON SITE WITH AN APPROVED INSTALLER.

Ground Floor Plan.

Scale 1:100

HOUSE FLOOR AREA = 90.10m²
GARAGE FLOOR AREA = 25.87m²
UNIT FLOOR AREA = 29.44m²

TOTAL FLOOR AREA = 145.42m²

AREAS TAKEN FROM OVER FRAMING LINES and EXCLUDES EXTERIOR AREAS.

LEGEND:

STUDS UP TO 2.4m:
90x45mm H1.2 SG8 @600max.crs.

SINGLE SLIDING DOOR WALLS:
140x45mm H1.2 SG8 @600max.crs.

STACKER SLIDING DOOR WALLS:
190x45mm H1.2 SG8 @600max.crs.

INTERNAL NON-LOADBEARING STUDS:
90x45mm H1.2 SG8 @600max.crs.

DWANGS GENERALLY @800max.cr (VERTICAL ABODO WEATHERBOARD @480max.crs).

SMOKE ALARM POSITIONS. INTERCONNECTED SMOKE ALARM SYSTEM TO COMPLY WITH NZBC C/AS1 and F7/AS1. TO BE INSTALLED IN ACCORDANCE WITH NZS 4514:2021 and MANUFACTURERS INSTRUCTIONS.

EXTRACTION FAN POSITIONS, DUCTED TO EXTERIOR.
KITCHEN: 50L/s
BATHROOM/LAUNDRY: 25L/s

LINTELS-BEAMS SHOWN BELOW:

- L1 140x90mm H1.2 GL8.
- L2 190x90mm H1.2 GL8.
- L3 190x90mm H1.2 GL12.
- L4 240x90mm H1.2 GL8.
- L5 140x140mm H1.2 GL8.
- L6 190x140mm H1.2 GL8.
- L7 2/240x45mm hySPAN.
- L8 3/300x45mm hySPAN.

sh. PROPRIETARY SHOWER TRAY AND ENCLOSURE.

NOTES:

ALL TIMBER TO BE H1.2 TREATED AND SG8 GRADED UNLESS STATED OTHERWISE.

TO BE READ IN CONJUNCTION WITH TRUSS MANUFACTURERS PLANS AND DETAILS.

ALL LINTELS-BEAMS INDICATED ARE SIZED IN ACCORDANCE WITH NZS 3604:2011.

FOR ALL EXTERIOR OPENING LOCATIONS REFER TO DOOR AND WINDOW OPENING SETOUT PLAN.

ALL WET AREAS TO BE LINED IN 10mm GIB AQUALINE PLASTERBOARD WALL LINING WITH APPROVED WET AREA PAINT FINISH. FLOORS TO HAVE SELECTED SLIP RESISTANT TILED FLOOR COVERINGS. TILE FLOOR TO BE OVER ARDEX WPM001 WATERPROOFING SYSTEM. WATERPROOFING SYSTEM TO HAVE 150mm UPSTAND TO WALLS AND ARDEX WPM001 WATERPROOFING SYSTEM TO ALL GIB AQUALINE PLASTER BOARD WALLS TO SHOWER ENCLOSURES. HEIGHT 1,800mm min OR TO SUIT SHOWER SCREEN, WHICHEVER IS GREATER.

ALL VINYL FLOORING EDGES and JOINTS TO BE FULLY SEALED AS PER NZBC E3/AS1 SECTION 3.1.1(a).

KITCHEN BENCHTOPS TO BE AN IMPERVIOUS MATERIAL ALLOWING FOR EASY CLEANING IN ACCORDANCE WITH NZBC G3/AS1 2.1.1. IMPERVIOUS and EASILY CLEANED SPLASH BACK TO BE INSTALLED BEHIND COOKTOP and EXTEND TO THE UNDERSIDE OF CABINETS and/or RANGEHOOD.

LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Proposed Floor Plan	As shown. Sheet size A3.	26.069 11.11.26.	A1.4	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.

NORTH.

1 A2.1

A A3.1

B A3.2

4 A2.2

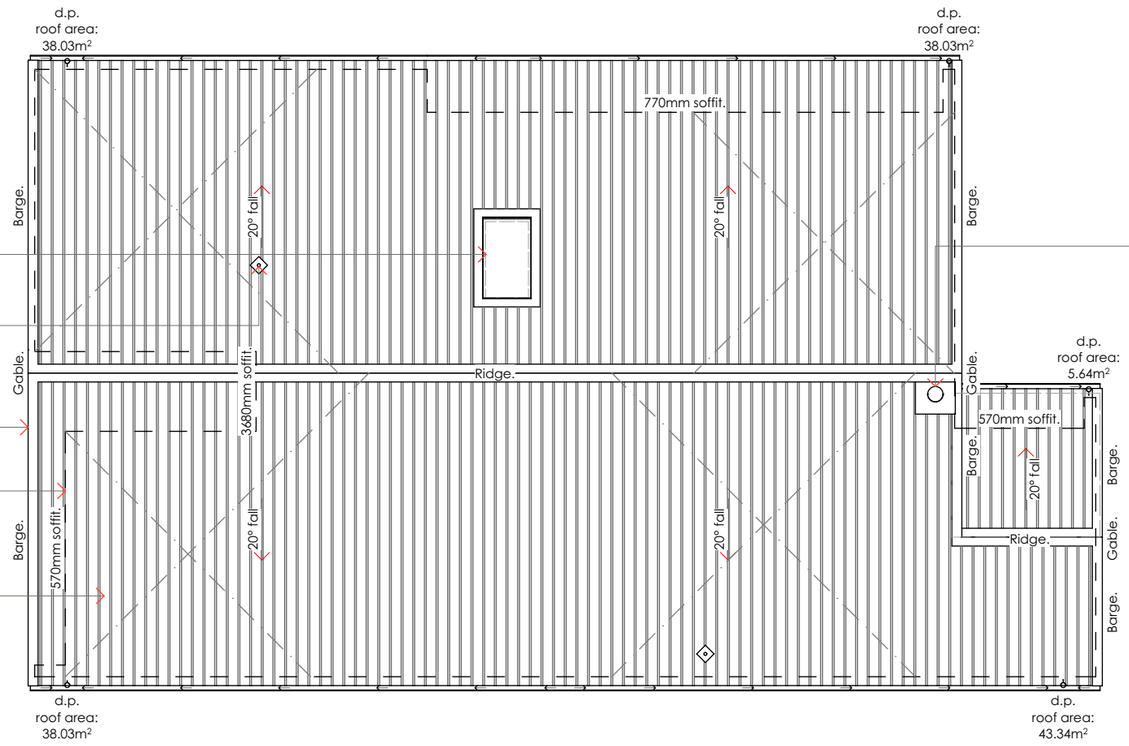
780 x 1,400mm VELUX FSM08 FIXED SKYLIGHT.

PIPE PENETRATION SHOWN THUS. REFER TO SPECIFICATION FOR DEKTITE FLASHING DETAILS.

SELECTED COLORSTEEL METAL FASCIA and SPOUTING SYSTEM.

EXTERIOR WALL LINE SHOWN DOTTED BELOW.

0.40 BMT COLORSTEEL 5 RIB LONGRUN METAL ROOFING OVER THERMAKRAFT 407 ROOF UNDERLAY ON 70x45mm H1.2 SG8 TIMBER PURLINS @900max.crs OVER APPROVED MiTEK TRUSSES @900max.crs.



FIRE FLUE LOCATION TO BE CONFIRMED ON SITE. REFER TO SPECIFICATION APPENDIX FOR FLASHING DETAIL.

2 A2.1

3 A2.2

Roof Plan.
Scale 1:100

LEGEND:

d.p. — 80Ø COLORSTEEL DOWNPIPE. (unless stated otherwise)

LUMBERLOK STRAP BRACE, FIXED AND TENSIONED AS PER MANUFACTURERS SPECIFICATIONS.

NOTES:

ROOFING TO BE FIXED IN ACCORDANCE WITH NZBC APPROVED DOCUMENT E2/AS1 CLAUSE 8.4 and TABLE 14.
THIS PROJECT:
T1 FIXING PATTERN - FIX EVERY CREST.
FIXED WITH 12G TYPE 17 SCREW WITH 30mm min EMBEDMENT.

70x45mm H1.2 SG8 TIMBER PURLINS @900max.crs GENERALLY IN ACCORDANCE WITH NZS3604:2011 EXCEPT 1st AND LAST RUN WHERE 70x45mm H1.2 SG8 TIMBER PURLINS @600max.crs.

ALL PURLINS ARE TO BE FIXED FOR UPLIFT IN ACCORDANCE WITH NZS3604:2011 TABLE 10.10
THIS PROJECT:
2.4kN CONNECTION - 1/10g SELF DRILLING SCREW 80mm LONG OR 2.4kN ALTERNATIVE.

REFER TO TRUSS DESIGNERS PLANS FOR TRUSS CONSTRUCTION INFORMATION AND LAYOUT.

READ IN CONJUNCTION WITH CROSS SECTIONS AND DETAILS.

ALL LINTELS SUPPORTING ROOF STRUCTURE ARE TO BE FIXED AGAINST UPLIFT IN ACCORDANCE WITH LUMBERLOK LINTEL FIXING SCHEDULE. REFER TO DOOR AND WINDOW SETOUT PLAN FOR UPLIFT FIXING REQUIREMENTS.

ALL TOP PLATES SUPPORTING ROOF STRUCTURE ARE TO BE FIXED IN ACCORDANCE WITH NZS 3604:2011. REFER TO DOOR AND WINDOW SETOUT PLAN FOR FIXING REQUIREMENTS.

EXPANSION JOINTS SHALL BE PROVIDED FOR JOINED FLASHINGS WITH A COMBINED LENGTH EXCEEDING:
- 12m FOR LIGHT COLORSTEEL.
- 8m FOR DARK COLORSTEEL.

LDSGN architecture

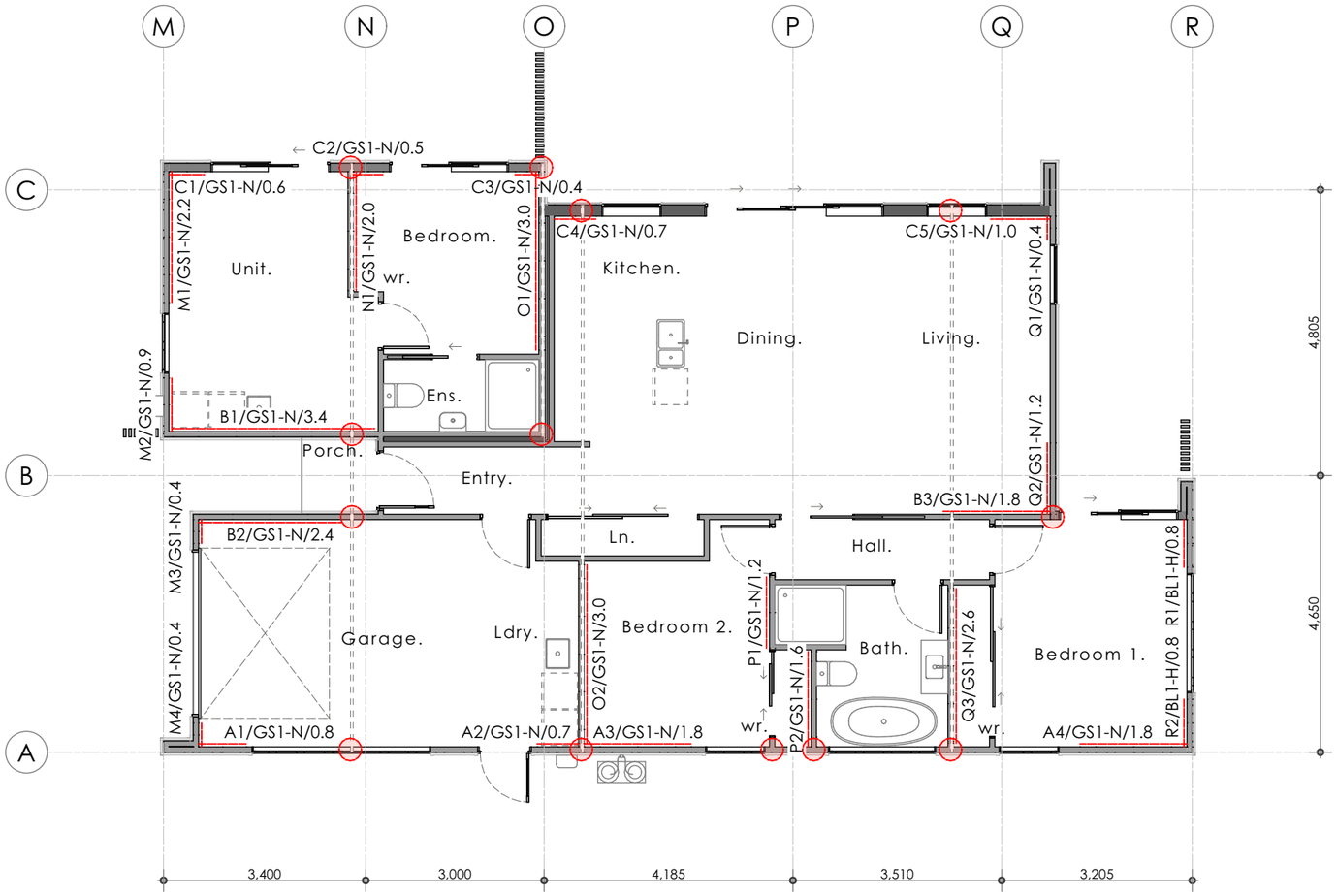
Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing: Proposed Roof Plan
scale: As shown. Sheet size A3.
file: 26.069 11.11.26.
sheet: A1.5
Issue: Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.

NORTH.



Bracing Plan.

Scale 1:100

HOUSE FLOOR AREA = 90.10m²
GARAGE FLOOR AREA = 25.87m²
UNIT FLOOR AREA = 29.44m²

TOTAL FLOOR AREA = 145.42m²

AREAS TAKEN FROM OVER FRAMING LINES and EXCLUDES EXTERIOR AREAS.

LEGEND:

A1/GS1-N/0.7
- ELEMENT LENGTH.
- BRACING TYPE.
- ELEMENT LINE & NUMBER.

BRACE WALL SHOWN THUS.

A — BRACE LINE SHOWN THUS.

GS1-N — 10/13mm GIB PLASTERBOARD LINING TO ONE SIDE ONLY (400mm min LENGTH).

BL1-H — 10/13mm GIB BRACELINE TO ONE SIDE OF FRAMING ONLY (MIN.LENGTH - 0.4m).

6kN INTERNAL TO EXTERNAL RIGHT ANGLE WALL CONNECTION IN ACCORDANCE WITH NZS3604:2011 FIGURE 8.16.

BRACING ELEMENT PARALLEL WITH TRUSSES:
TO BE SUPPORTED LATERALLY WITH BOTTOM CHORD OF TRUSS or CEILING JOIST WITH 6kN CONNECTION TO EXTERIOR WALL.

BRACING ELEMENT PERPENDICULAR TO TRUSSES:
CONTINUOUS TOP PLATE WITH 6kN CONNECTION TO EXTERIOR WALL AS PER DETAILS ON SHEET A1.7.

BRACING LAYOUT IN ACCORDANCE WITH GIB EZYBRACE SYSTEMS 2016 and NZS3604:2011.

NOTES:

REFER TO BRACING CALCULATIONS FOR BRACING UNITS.

ALL TOP PLATES CONNECTING IN LINE WITH WALLS CONTAINING BRACING ARE TO BE FIXED IN ACCORDANCE WITH NZS3604:2011 CLAUSE 8.7.3.3 FIG. 8.15
THIS PROJECT:
3kN CONNECTION - 3/100 x 3.75mm NAILS PER SIDE OR 3kN ALTERNATIVE.
6kN CONNECTION - 6/100 x 3.75mm NAILS PER SIDE OR 6kN ALTERNATIVE.

ALL TOP PLATES CONNECTING TO EXTERNAL WALLS AT RIGHT ANGLES CONTAINING BRACING ARE TO BE FIXED IN ACCORDANCE WITH NZS3604:2011 CLAUSE 8.7.3.4 FIG. 8.16
THIS PROJECT:
6kN CONNECTION - 6/100 x 3.75mm NAILS PER SIDE OR 6kN ALTERNATIVE.

LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Proposed Bracing Plan	As shown. Sheet size A3.	26.069 11.11.26.	A1.6	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.

BRACING CALCULATIONS

Location of Storey	*Single*	Wind Zone	*High*
Room in Roof Space	*No*	Earthquake Zone	*3*
Building Width (BW)	*17.4m*	Soil Class	*E - Very Soft*
Building Length (BL)	*10.0m*		
Gross Floor Area (GFA)	*145.42m²*	W along	*55.0BU/m*
Floor Height to Apex	*5m*	W along x BW	*959.2BU*
Roof Height Above Eaves	*2m*	W across	*50.0BU/m*
Roof Pitch	*0 - 25°*	W across x BL	*502.0BU*
Roof Style	*Gable*		
Double Top Plate	*Yes*	EQ	*6.0BU/m²*
Floor Load	*2kPa*	EQ x GFA	*872.5BU*
Cladding Weights:			
- Subfloor	*Concrete Floor*		
- Wall	*Light*		
- Roof	*Light*		

BRACING: Default

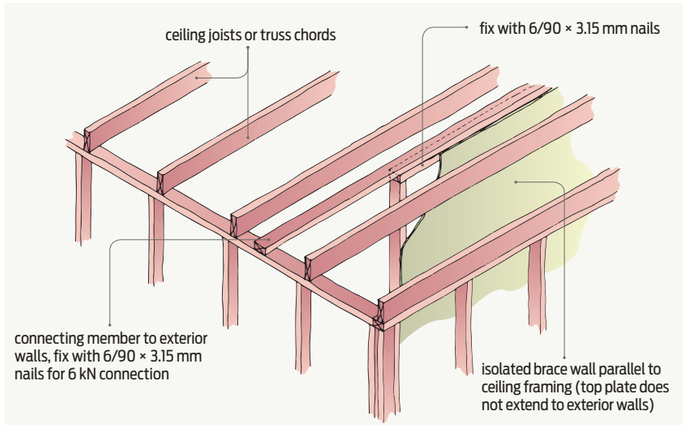
Calculations based on *NZS3604:2011*

BRACING ALONG

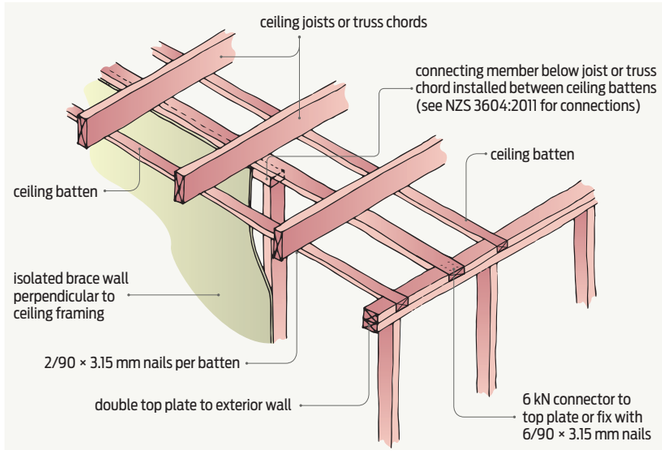
Required Line	W BU	EQ BU	Provided Brace	Type	W BU/m	EQ BU/m	Length m	Height m	Angle	Achieved W BU	Achieved EQ BU
A	259.5	259.5	*A-1*	*GS1-N*	*50.0*	*55.0*	*0.8*	*2.4*	-	*40.0*	*44.0*
			A-2	*GS1-N*	*50.0*	*55.0*	*0.7*	*2.4*	-	*35.0*	*38.5*
			A-3	*GS1-N*	*70.0*	*60.0*	*1.8*	*2.4*	-	*126.0*	*108.0*
			A-4	*GS1-N*	*70.0*	*60.0*	*1.8*	*2.4*	-	*126.0*	*108.0*
										327.0	298.5
B	159.9	145.4	*B-1*	*GS1-N*	*70.0*	*60.0*	*3.4*	*2.4*	-	*238.0*	*204.0*
			B-2	*GS1-N*	*70.0*	*60.0*	*2.4*	*2.4*	-	*168.0*	*144.0*
			B-3	*GS1-N*	*70.0*	*60.0*	*1.8*	*2.4*	-	*126.0*	*108.0*
										532.0	456.0
C	159.9	145.4	*C-1*	*GS1-N*	*50.0*	*55.0*	*0.6*	*2.4*	-	*30.0*	*33.0*
			C-2	*GS1-N*	*50.0*	*55.0*	*0.5*	*2.4*	-	*25.0*	*27.5*
			C-3	*GS1-N*	*50.0*	*55.0*	*0.4*	*2.4*	-	*20.0*	*22.0*
			C-4	*GS1-N*	*50.0*	*55.0*	*0.7*	*2.4*	-	*35.0*	*38.5*
			C-5	*GS1-N*	*50.0*	*55.0*	*1.0*	*2.4*	-	*50.0*	*55.0*
										160.0	176.0
Total									**Achieved**	**1,019.0**	**930.5**
									Required	**959.2**	**872.5**

BRACING ACROSS

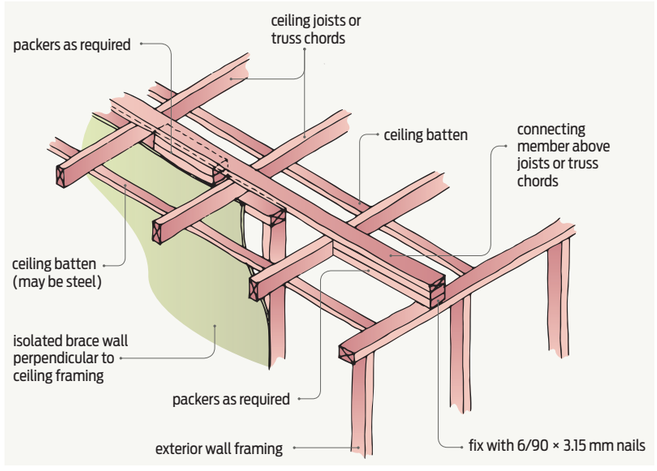
Required Line	W BU	EQ BU	Provided Brace	Type	W BU/m	EQ BU/m	Length m	Height m	Angle	Achieved W BU	Achieved EQ BU
M	148.5	148.5	*M-1*	*GS1-N*	*70.0*	*60.0*	*2.2*	*2.4*	-	*154.0*	*132.0*
			M-2	*GS1-N*	*50.0*	*55.0*	*0.9*	*2.4*	-	*45.0*	*49.5*
			M-3	*GS1-N*	*50.0*	*55.0*	*0.4*	*2.4*	-	*20.0*	*22.0*
			M-4	*GS1-N*	*50.0*	*55.0*	*0.4*	*2.4*	-	*20.0*	*22.0*
										239.0	225.5
N	100.0	100.0	*N-1*	*GS1-N*	*70.0*	*60.0*	*2.0*	*2.4*	-	*140.0*	*120.0*
										140.0	120.0
O	100.0	100.0	*O-1*	*GS1-N*	*70.0*	*60.0*	*3.0*	*2.4*	-	*210.0*	*180.0*
			O-2	*GS1-N*	*70.0*	*60.0*	*3.0*	*2.4*	-	*210.0*	*180.0*
										420.0	360.0
P	100.0	100.0	*P-1*	*GS1-N*	*70.0*	*60.0*	*1.2*	*2.4*	-	*84.0*	*72.0*
			P-2	*GS1-N*	*70.0*	*60.0*	*1.6*	*2.4*	-	*112.0*	*96.0*
										196.0	168.0
Q	100.0	100.0	*Q-1*	*GS1-N*	*50.0*	*55.0*	*0.4*	*2.4*	-	*20.0*	*22.0*
			Q-2	*GS1-N*	*70.0*	*60.0*	*1.2*	*2.4*	-	*84.0*	*72.0*
			Q-3	*GS1-N*	*70.0*	*60.0*	*2.6*	*2.4*	-	*182.0*	*156.0*
										286.0	250.0
R	100.0	100.0	*R-1*	*BL1-H*	*90.0*	*100.0*	*0.8*	*2.4*	-	*72.0*	*80.0*
			R-2	*BL1-H*	*90.0*	*100.0*	*0.8*	*2.4*	-	*72.0*	*80.0*
										144.0	160.0
Total									**Achieved**	**1,425.0**	**1,283.5**
									Required	**502.0**	**872.5**



BRACE WALL CONNECTION WHEN WALL IS PARALLEL TO CEILING FRAMING.



BRACE WALL CONNECTION BELOW CEILING FRAMING WHEN WALL IS PERPENDICULAR TO CEILING FRAMING.



BRACE WALL CONNECTION ABOVE CEILING FRAMING WHEN WALL IS PERPENDICULAR TO CEILING FRAMING.

Bracing Calculations.

LDSGN architecture

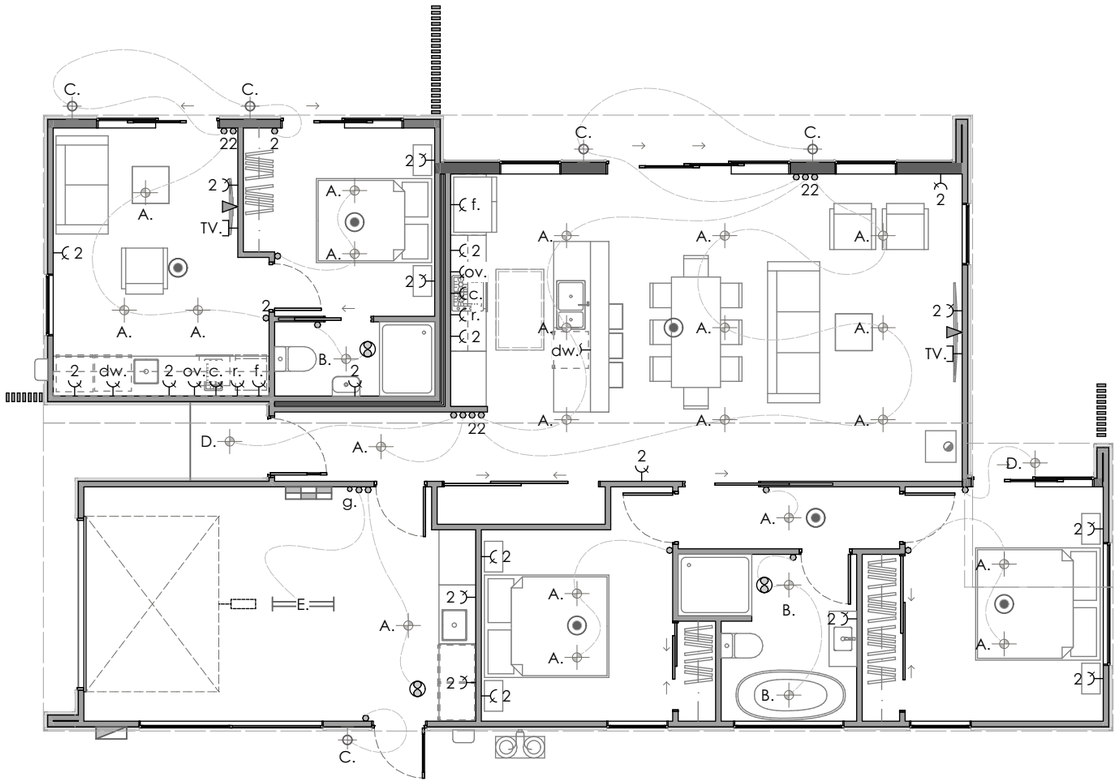
Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Proposed Bracing Calculations	As shown. Sheet size A3.	26.069 11.11.26.	A1.7	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.

NORTH.



Electrical Plan.
Scale 1:100

LEGEND - LIGHTING:

- A. SELECTED LED RECESSED CA DOWNLIGHT.
- B. SELECTED LED IP44 RECESSED DOWNLIGHT.
- C. SELECTED EXTERIOR WALL FITTING.
- D. SELECTED EXTERIOR RECESSED DOWNLIGHT.
- E. SELECTED LED STRIP FITTING.
- LIGHT SWITCH.
- # LIGHT SWITCH. No INDICATE # OF WAY SWITCH

LEGEND - POWER:

- # SWITCHED SOCKET OUTLET. No. INDICATES # OF SOCKETS ON PLATE. HEIGHT TO BE CONFIRMED.
- METER BOARD.
- DISTRIBUTION BOARD.
- PERMANENT CONNECTION FOR:
  - hwc. HOTWATER CYLINDER
  - ado. AUTO DOOR OPENER
- TV. TELEVISION OUTLET.
- TELEPHONE / DATA OUTLET.
- EXTRACTION FAN POSITIONS, DUCTED TO EXTERIOR.
  KITCHEN: 50L/s
  BATHROOM/LAUNDRY: 25L/s
- INTERCONNECTED SMOKE ALARM POSITIONS.
- g. INTERNAL GARAGE DOOR OPENER.

NOTES:

LIGHT FITTING TYPES NOTED ARE SUGGESTIONS ONLY & SHALL BE CONFIRMED BY THE OWNER.

LAYOUT SHALL ALSO BE CONFIRMED ON SITE.

CONFIRM WITH OWNER ANY DIMMING REQUIREMENTS.

ALL DOWNLIGHTS SHALL BE CA RATED LED FITTINGS. (CA -CLOSE ABUTTED.)

LOCATION OF HEAT PUMP INDOOR & OUTDOOR UNITS ARE INDICATIVE ONLY & MUST BE CONFIRMED ON SITE.

HEIGHT OF ALL OUTLETS TO BE CONFIRMED WITH OWNER ON SITE.

ALLOW TO PROVIDE HEATER TO BATHROOMS, UNIT and LOCATION TO BE CONFIRMED WITH CLIENT.

LIGHTING TO ACCESS ROUTES TO PROVIDE A MINIMUM ILLUMINANCE OF 20 LUX AT FLOOR LEVEL.

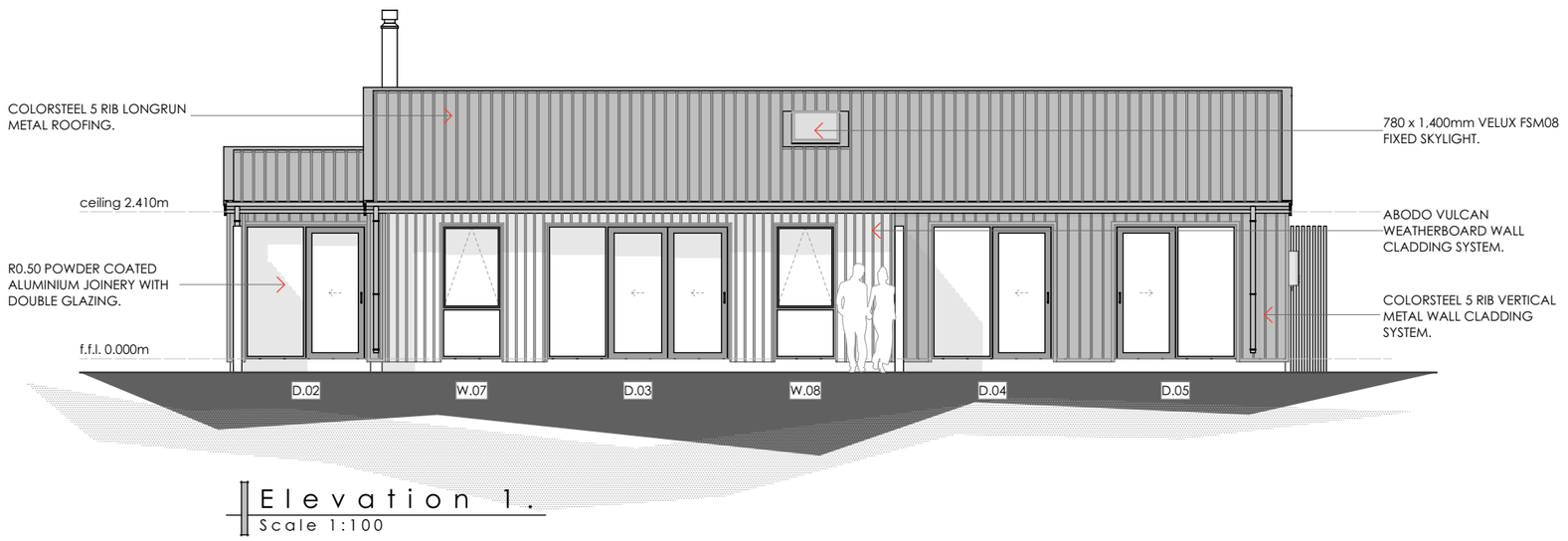
LDSGN architecture

Proposed New House

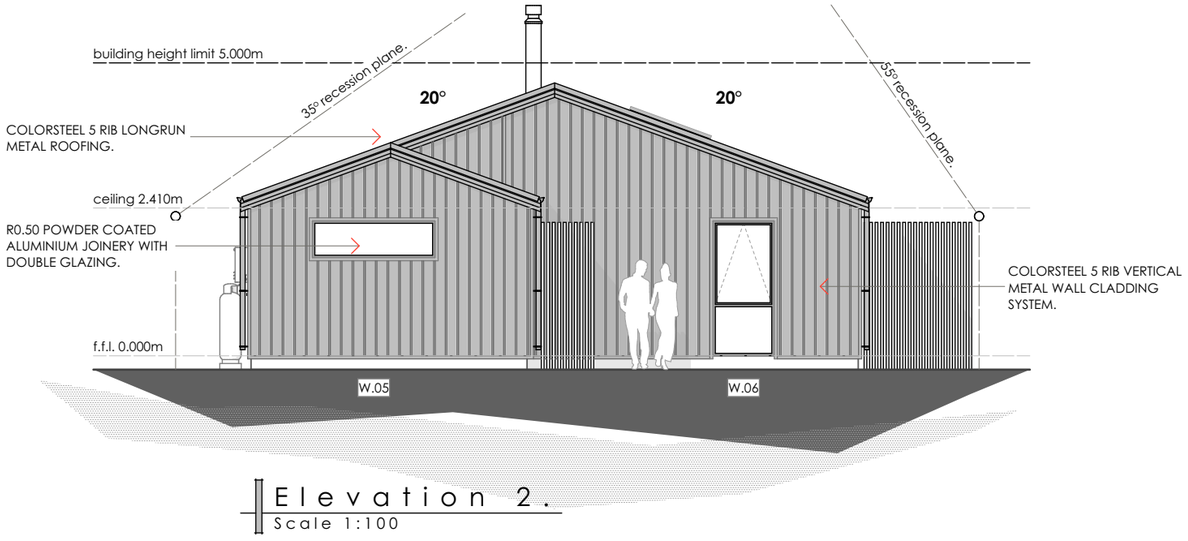
Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Proposed Electrical Plan	As shown. Sheet size A3.	26.069 11.11.26.	A1.8	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



Elevation 1.
Scale 1:100



Elevation 2.
Scale 1:100

Risk Factor	Description	Risk	Score
Wind Zone	High	M	1
Number of Storeys	Single Storey	L	0
Roof/Wall Intersection Design	Partly exposed (e.g. hip and gable roof with no eaves)	M	1
Eaves Width	0-100mm wide	VH	5
Envelope Complexity	Moderately complex shape with no more than 2 cladding types.	M	1
Deck Design	None	L	0
		Total Score:	**8**

Selected Claddings:
1. Vertical shiplap timber weatherboard over 20mm drained cavity
2. Vertical ribbed profiled metal over 20mm drained cavity

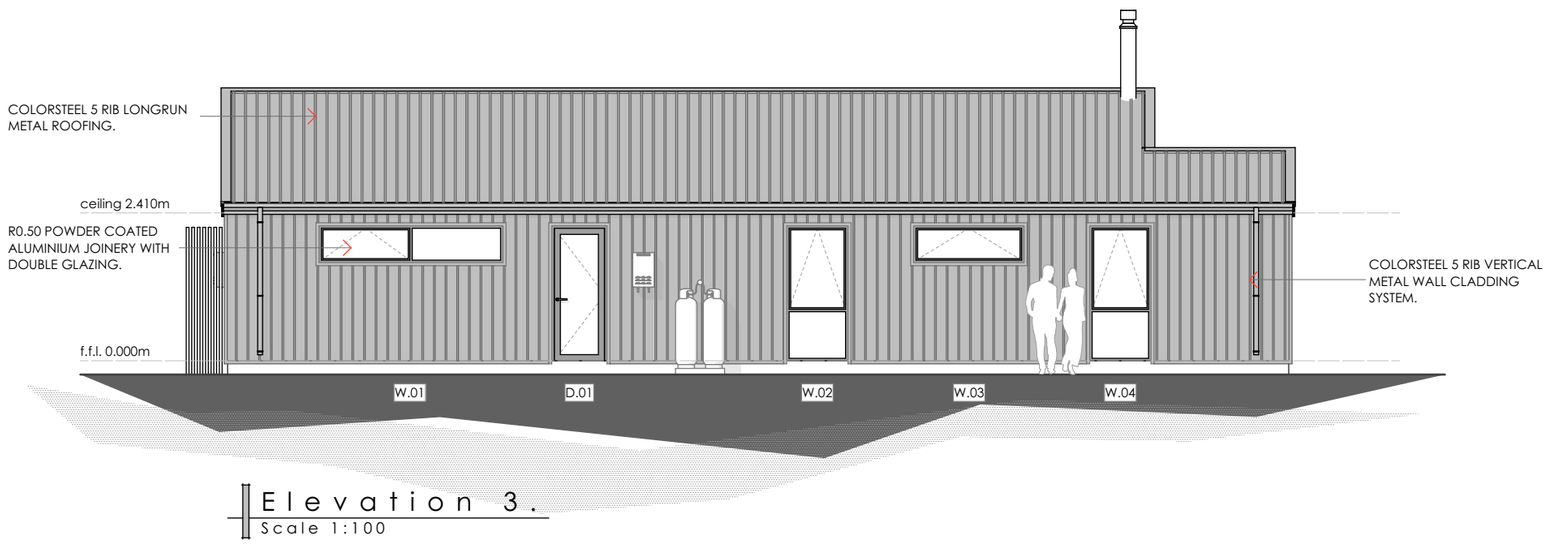
LDSGN architecture

Proposed New House

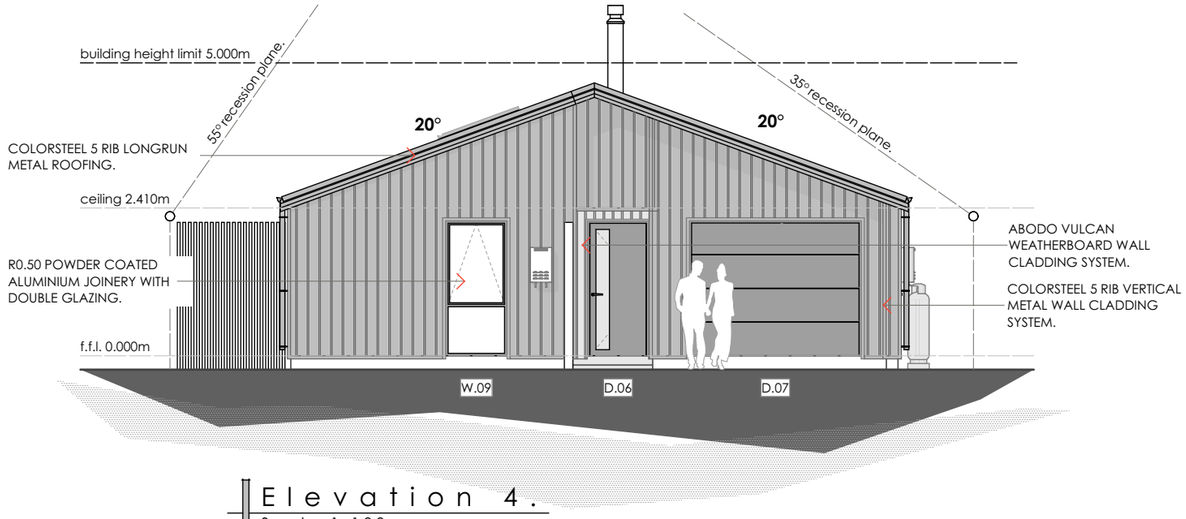
Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing: Proposed Elevations
scale: As shown. Sheet size A3.
file: 26.069 11.11.26.
sheet: A2.1
Issue: Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



Elevation 3.
Scale 1:100



Elevation 4.
Scale 1:100

Risk Factor	Description	Risk	Score
Wind Zone	High	M	1
Number of Storeys	Single Storey	L	0
Roof/Wall Intersection Design	Partly exposed (e.g. hip and gable roof with no eaves)	M	1
Eaves Width	0-100mm wide	VH	5
Envelope Complexity	Moderately complex shape with no more than 2 cladding types.	M	1
Deck Design	None	L	0
		Total Score:	**8**

Selected Claddings:
1. Vertical shiplap timber weatherboard over 20mm drained cavity
2. Vertical ribbed profiled metal over 20mm drained cavity

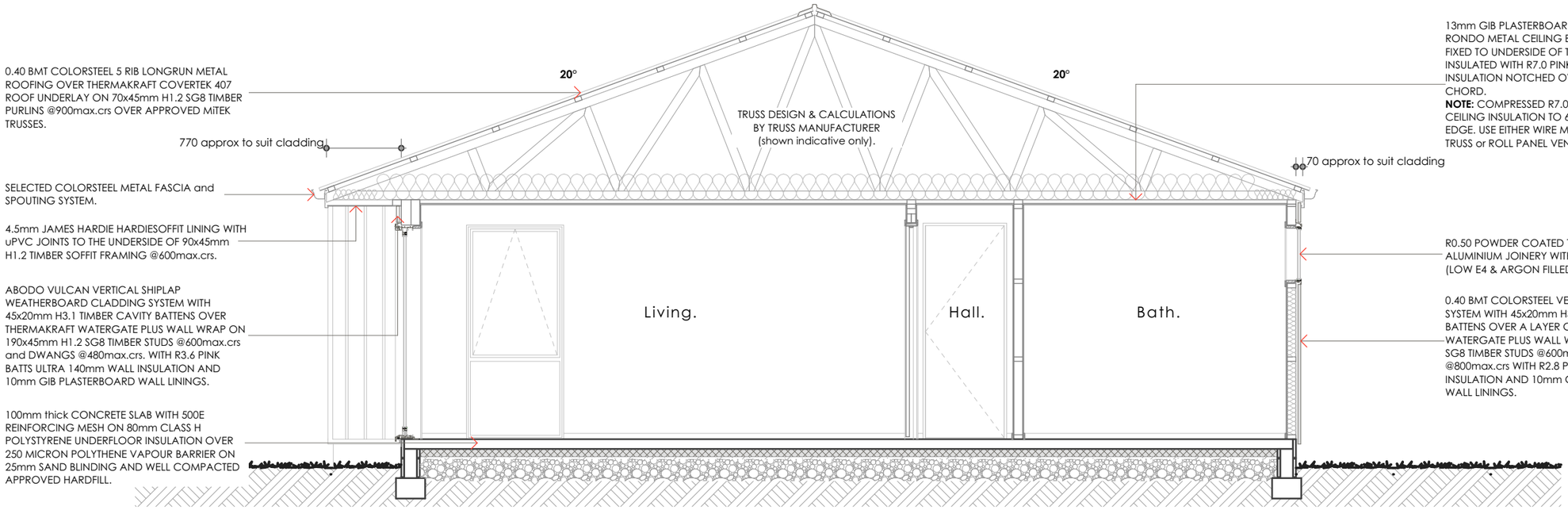
LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Proposed Elevations	As shown. Sheet size A3.	26.069 13.11.26.	A2.2	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



Cross Section A.
Scale 1:50

LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Cross Section A-A	As shown. Sheet size A3.	26.069 11.11.26.	A3.1	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.

0.40 BMT COLORSTEEL 5 RIB LONGRUN METAL ROOFING OVER THERMAKRAFT COVERTEK 407 ROOF UNDERLAY ON 70x45mm H1.2 SG8 TIMBER PURLINS @900max.crs OVER APPROVED MiTEK TRUSSES.

13mm GIB PLASTERBOARD CEILING LININGS ON RONDO METAL CEILING BATTENS @600max.crs FIXED TO UNDERSIDE OF TRUSSES, FULLY INSULATED WITH R7.0 PINK SUPERBATTS CEILING INSULATION NOTCHED OVER TRUSS BOTTOM CHORD.
NOTE: COMPRESSED R7.0 PINK SUPERBATTS CEILING INSULATION TO 600mm wide CEILING EDGE. USE EITHER WIRE MESH FIXED TO TOP OF TRUSS or ROLL PANEL VENT.

70 approx to suit cladding

780 x 1,400mm VELUX FSM08 FIXED SKYLIGHT.

70 approx to suit cladding

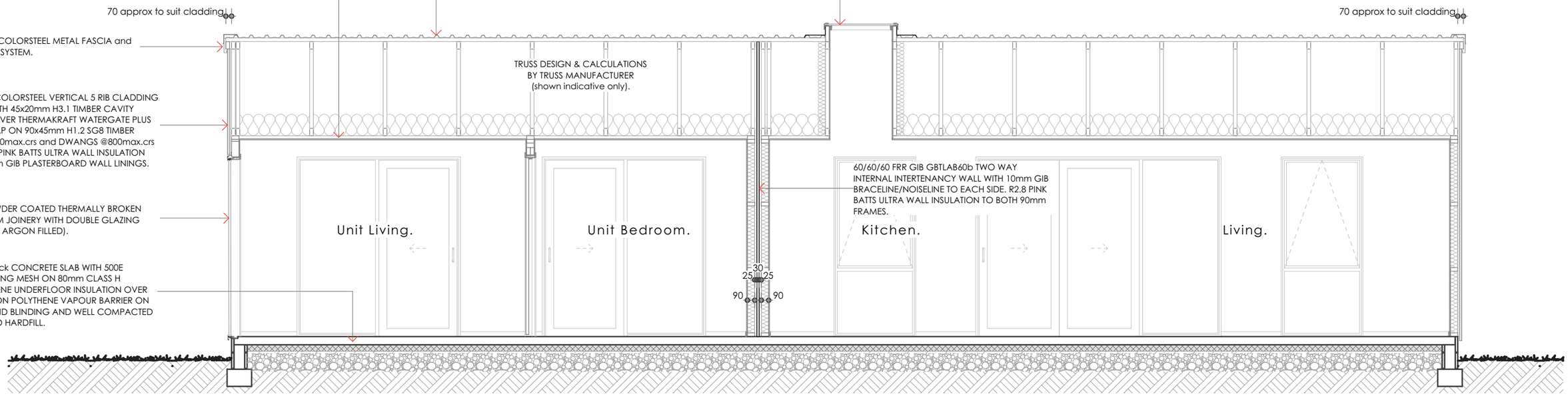
SELECTED COLORSTEEL METAL FASCIA and SPOUTING SYSTEM.

TRUSS DESIGN & CALCULATIONS BY TRUSS MANUFACTURER (shown indicative only).

0.40 BMT COLORSTEEL VERTICAL 5 RIB CLADDING SYSTEM WITH 45x20mm H3.1 TIMBER CAVITY BATTENS OVER THERMAKRAFT WATERGATE PLUS WALL WRAP ON 90x45mm H1.2 SG8 TIMBER STUDS @600max.crs and DWANGS @800max.crs WITH R2.8 PINK BATTS ULTRA WALL INSULATION AND 10mm GIB PLASTERBOARD WALL LININGS.

60/60/60 FRR GIB GBTLAB60b TWO WAY INTERNAL INTERTENANCY WALL WITH 10mm GIB BRACELINE/NOISELINE TO EACH SIDE. R2.8 PINK BATTS ULTRA WALL INSULATION TO BOTH 90mm FRAMES.

R0.50 POWDER COATED THERMALLY BROKEN ALUMINIUM JOINERY WITH DOUBLE GLAZING (LOW E4 & ARGON FILLED).



100mm thick CONCRETE SLAB WITH 500E REINFORCING MESH ON 80mm CLASS H POLYSTYRENE UNDERFLOOR INSULATION OVER 250 MICRON POLYTHENE VAPOUR BARRIER ON 25mm SAND BLINDING AND WELL COMPACTED APPROVED HARDFILL.

Cross Section B.
Scale 1:50

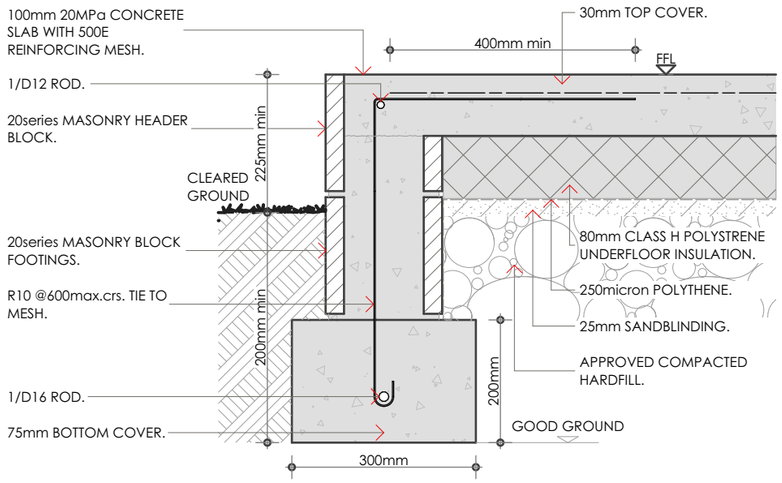
LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Cross Section B-B	As shown. Sheet size A3.	26.069 11.11.26.	A3.2	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.

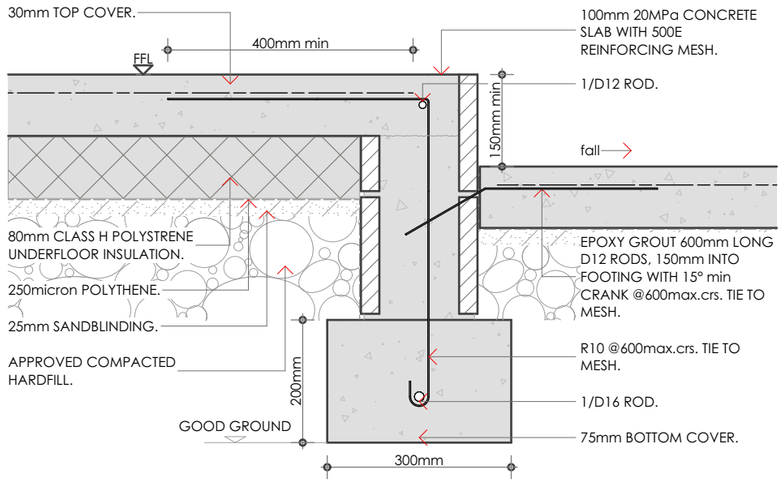


ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

NOTE: PEA METAL (5mm ROUNDS) MAY BE SUBSTITUTED AS BLINDING WHERE REQUIRED.

Footing Detail. 100

Scale 1:10 — TYPICAL FOUNDATION EDGE

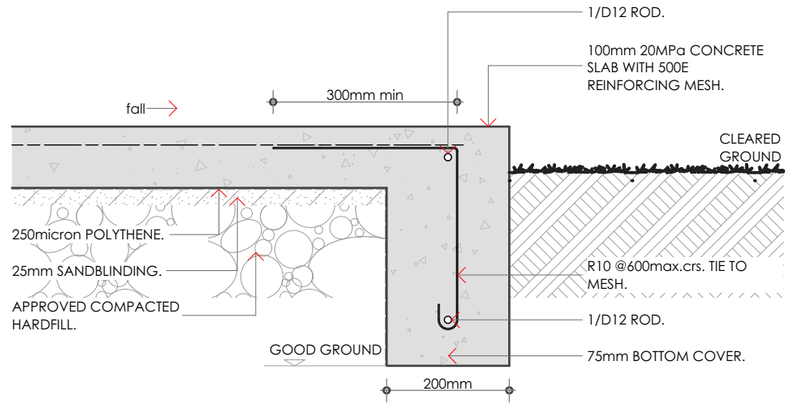


ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

NOTE: PEA METAL (5mm ROUNDS) MAY BE SUBSTITUTED AS BLINDING WHERE REQUIRED.

Footing Detail. 101

Scale 1:10 — TYPICAL FOUNDATION EDGE TO PATIO

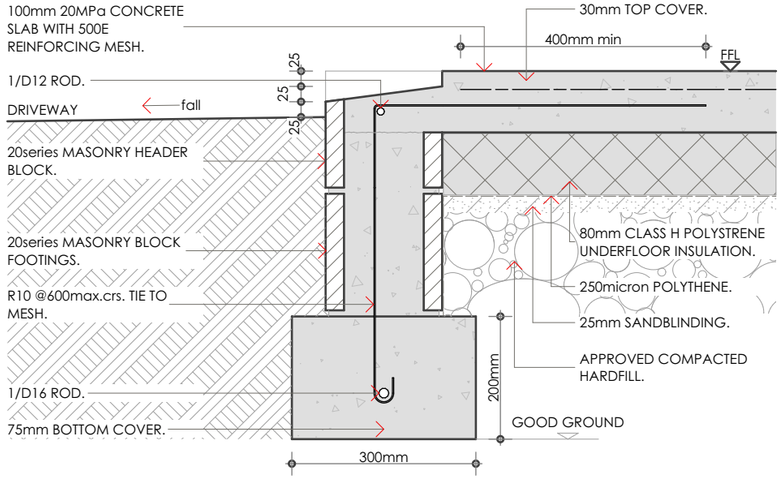


ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

NOTE: PEA METAL (5mm ROUNDS) MAY BE SUBSTITUTED AS BLINDING WHERE REQUIRED.

Footing Detail. 102

Scale 1:10 — TYPICAL PATIO EDGE

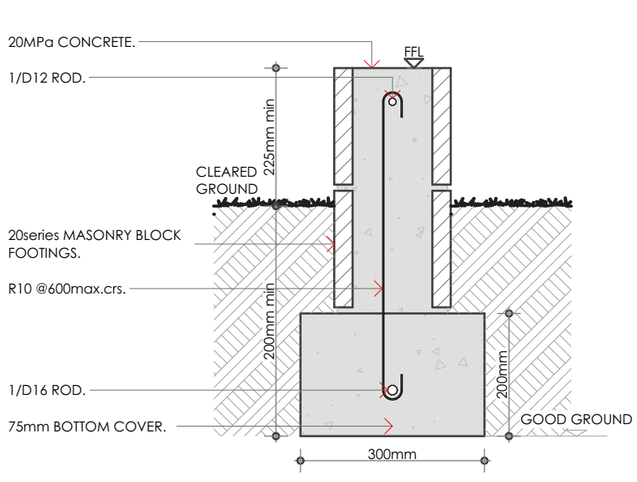


ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

NOTE: PEA METAL (5mm ROUNDS) MAY BE SUBSTITUTED AS BLINDING WHERE REQUIRED.

Footing Detail. 103

Scale 1:10 — TYPICAL GARAGE DOOR



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Footing Detail. 104

Scale 1:10 — TYPICAL WING WALL

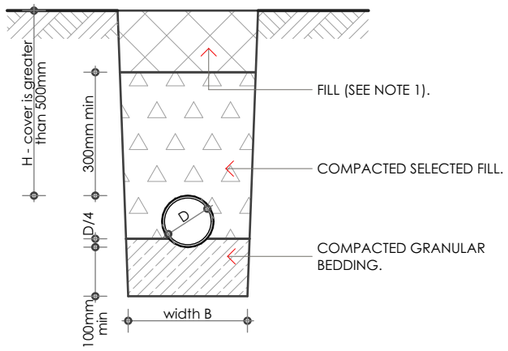
LDSGN architecture

Proposed New House

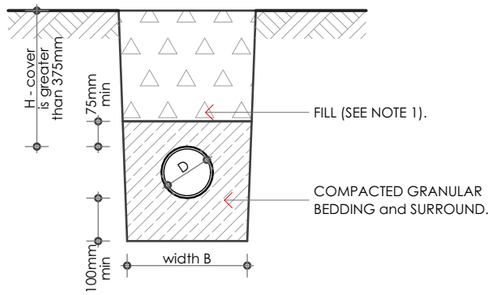
Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Construction Details	As shown. Sheet size A3.	26.069 11.11.26.	A4.1	Building Consent Issue

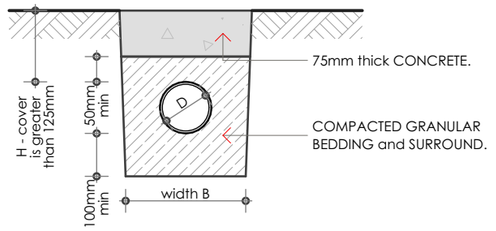
ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



BEDDING TYPE 'B' OF NZS 7643
COVER GREATER THAN 500mm



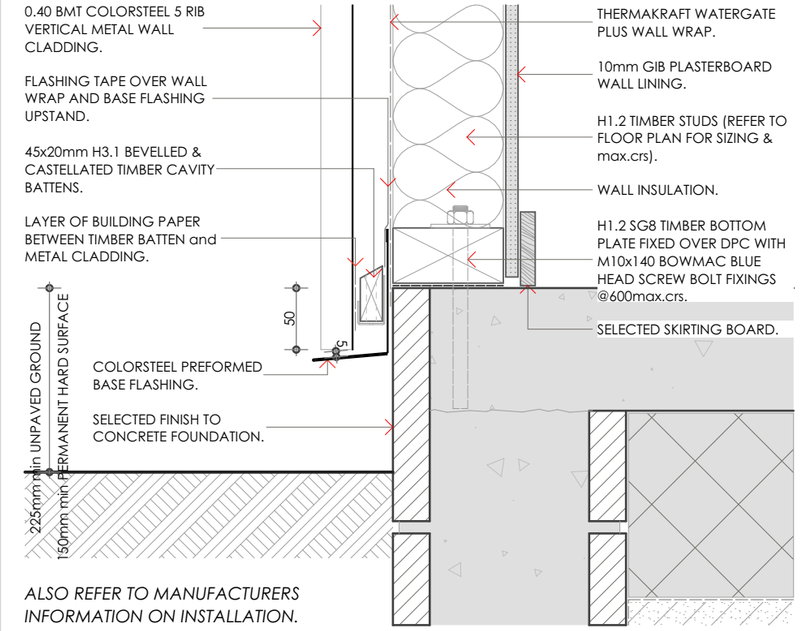
BEDDING TYPE 'D' OF NZS 7643
COVER GREATER THAN 375mm



COVER BETWEEN 125mm and 375mm

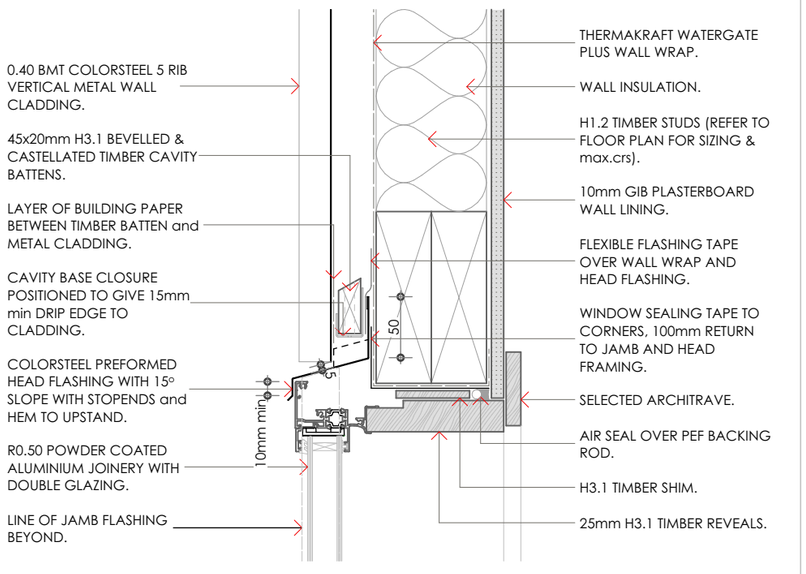
NOTE:
1. FILL SHALL BE:
- ORDINARY FILL WHERE DRAINS ARE LOCATED BELOW GARDEN AND OPEN COUNTRY.
- COMPACTED SELECTED FILL WHERE THE DRAINS ARE LOCATED BELOW RESIDENTIAL DRIVEWAYS and SIMILAR AREAS SUBJECT TO LIGHT TRAFFIC.

Bedding and Backfill Details. 200
Scale NTS — TYPICAL



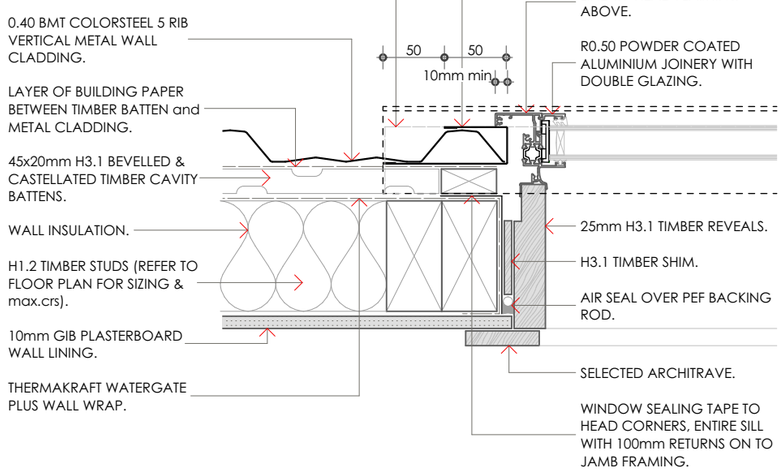
ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Base Detail. 201
Scale 1:5 — COLORSTEEL 5 RIB VERTICAL METAL



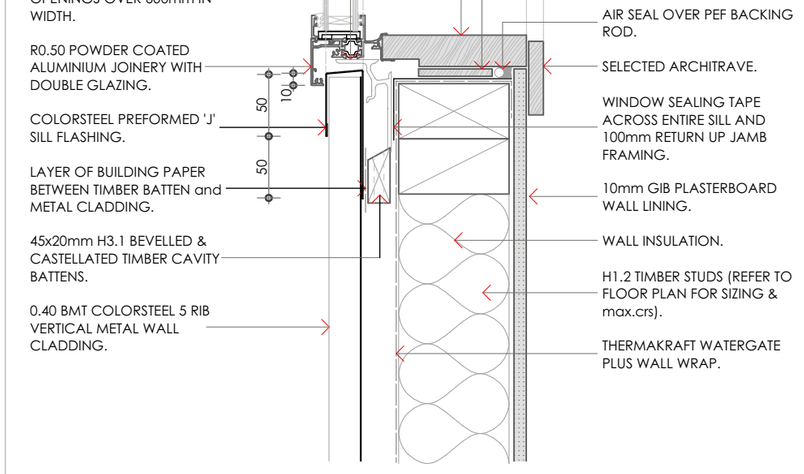
ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Window Head Detail. 202
Scale 1:5 — COLORSTEEL 5 RIB VERTICAL METAL



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Window Jamb Detail. 203
Scale 1:5 — COLORSTEEL 5 RIB VERTICAL METAL



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Window Sill Detail. 204
Scale 1:5 — COLORSTEEL 5 RIB VERTICAL METAL

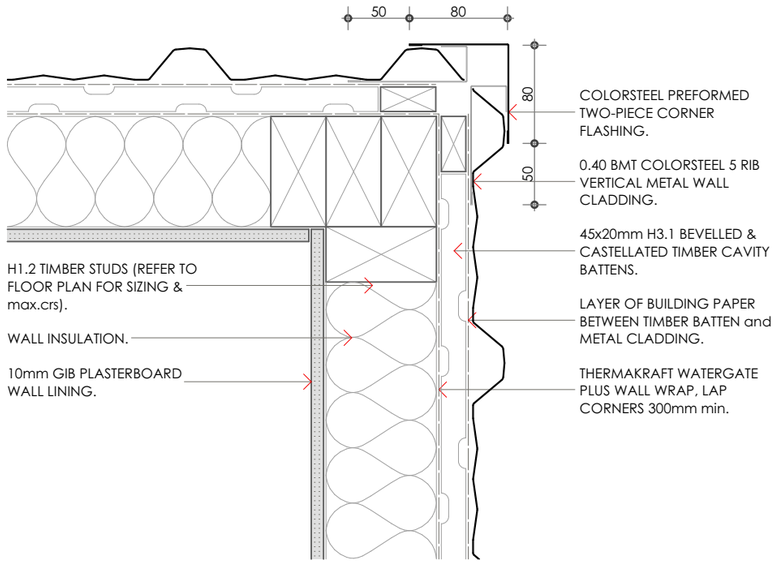
LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Construction Details	As shown. Sheet size A3.	26.069 11.11.26.	A4.2	Building Consent Issue

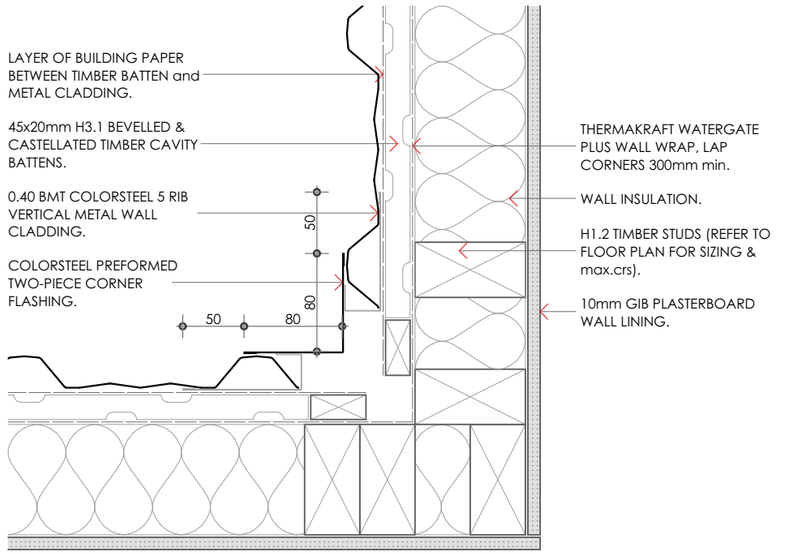
ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

External Corner Detail. 300

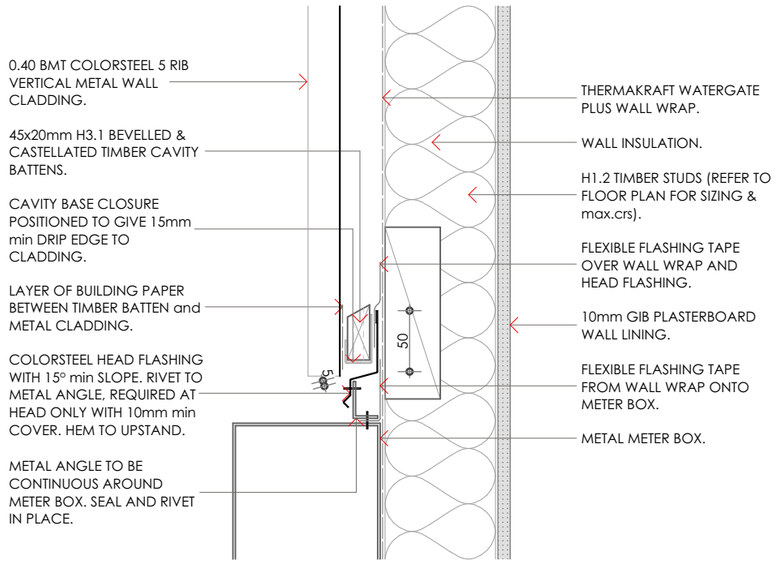
Scale 1:5 — COLORSTEEL 5 RIB VERTICAL METAL



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Internal Corner Detail. 301

Scale 1:5 — COLORSTEEL 5 RIB VERTICAL METAL



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Meterbox Head Detail. 302

Scale 1:5 — COLORSTEEL 5 RIB VERTICAL METAL

ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Meterbox Jamb/Sill Detail. 303

Scale 1:5 — COLORSTEEL 5 RIB VERTICAL METAL

ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Pipe Penetration Detail. 304

Scale 1:5 — COLORSTEEL 5 RIB VERTICAL METAL

ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Garage Head Detail. 305

Scale 1:5 — COLORSTEEL 5 RIB VERTICAL METAL

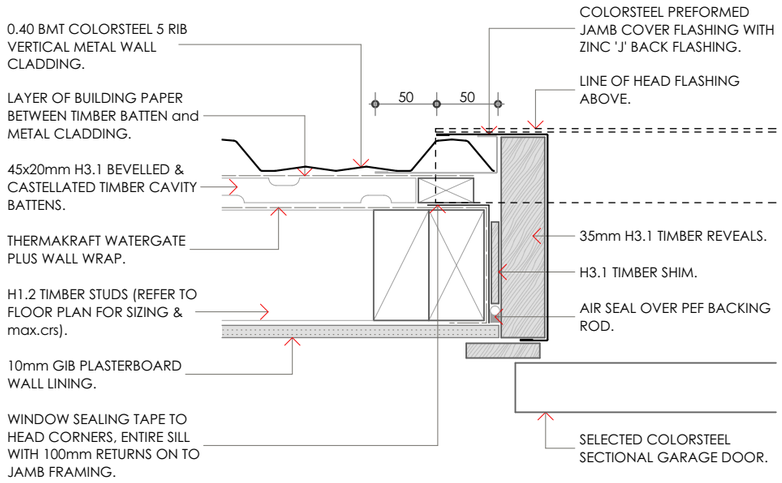
LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Construction Details	As shown. Sheet size A3.	26.069 11.11.26.	A4.3	Building Consent Issue

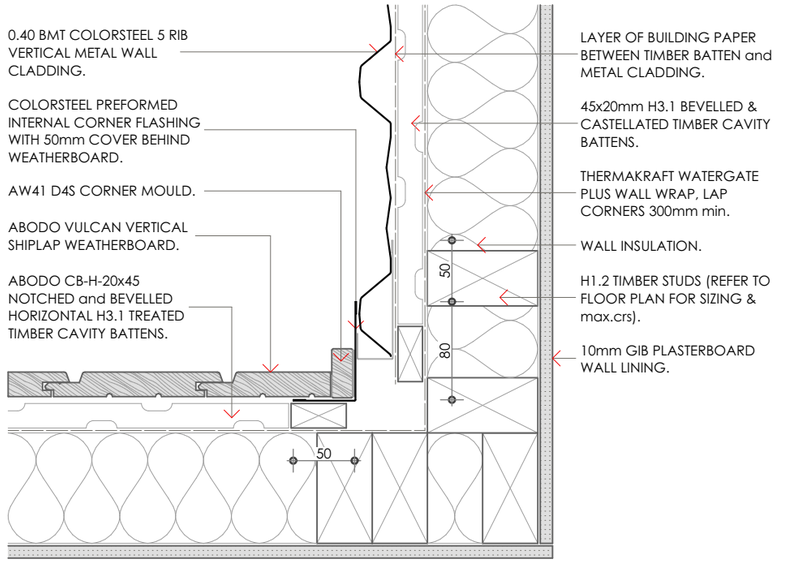
ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Garage Head Detail. 400

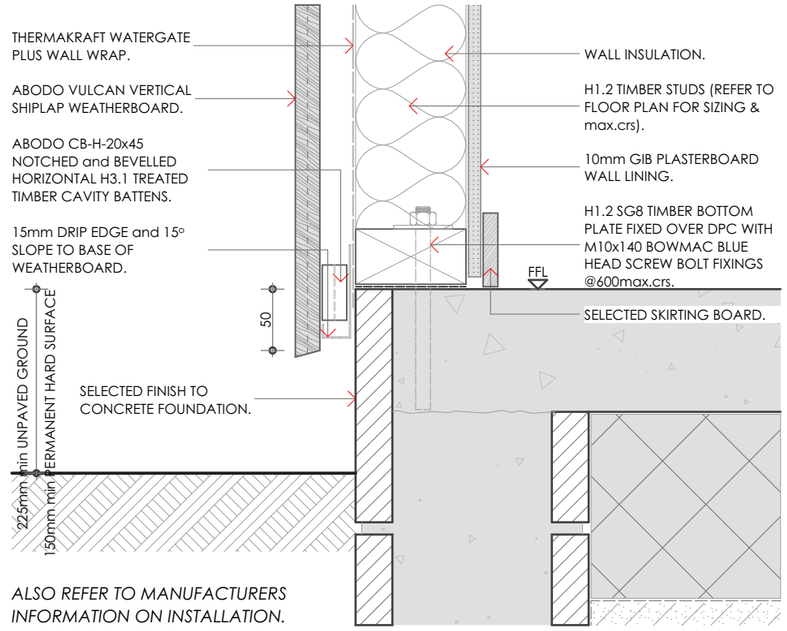
Scale 1:5 COLORSTEEL 5 RIB VERTICAL METAL



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Internal Corner Detail. 401

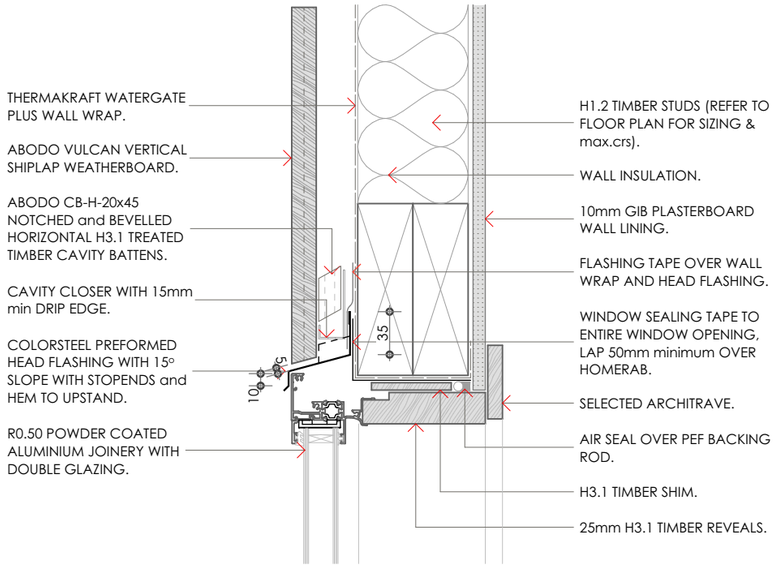
Scale 1:5 VERTICAL METAL TO VERTICAL SHIPLAP WEATHERBOARD



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Base Detail. 402

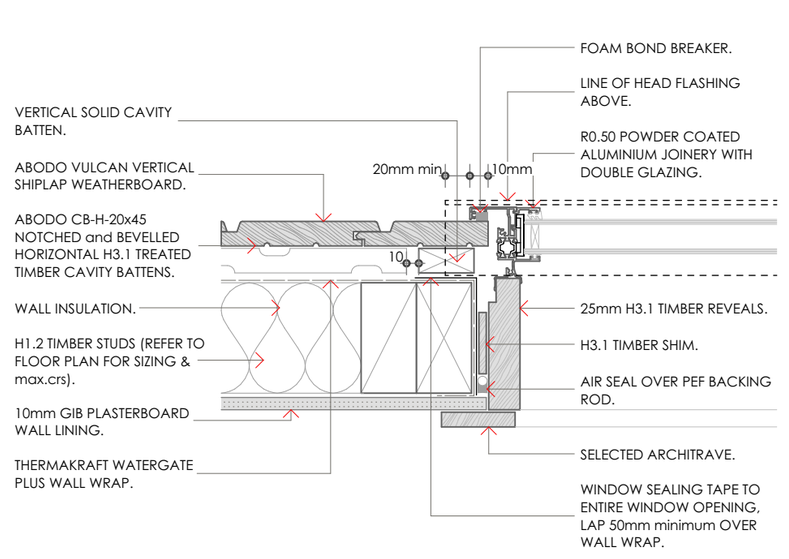
Scale 1:5 HERMPAC VERTICAL SHIPLAP WEATHERBOARD



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Window Head Detail. 403

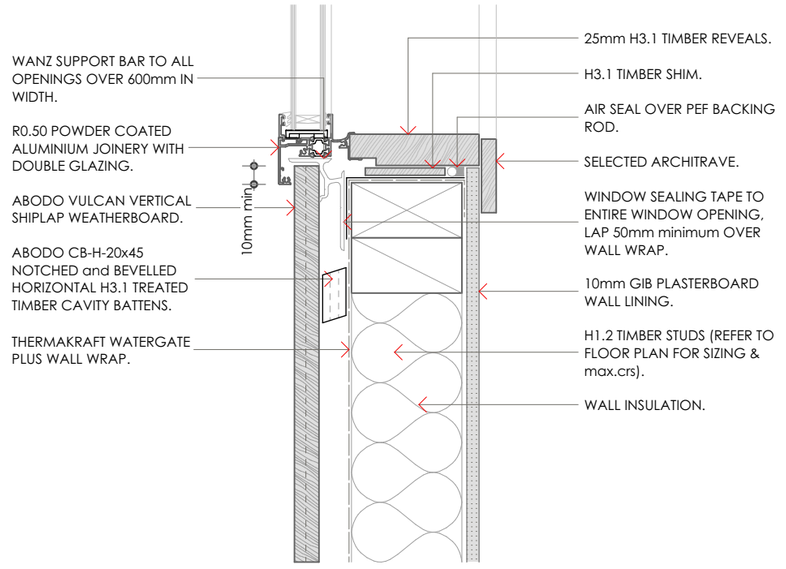
Scale 1:5 ABODO VULCAN VERTICAL SHIPLAP WEATHERBOARD



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Window Jamb Detail. 404

Scale 1:5 ABODO VULCAN VERTICAL SHIPLAP WEATHERBOARD



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Window Sill Detail. 405

Scale 1:5 ABODO VULCAN VERTICAL SHIPLAP WEATHERBOARD

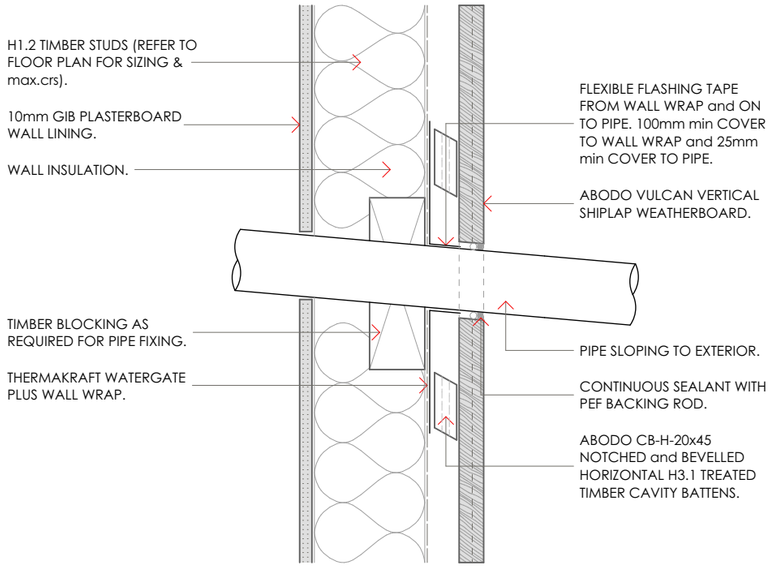
LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Construction Details	As shown. Sheet size A3.	26.069 11.11.26.	A4.4	Building Consent Issue

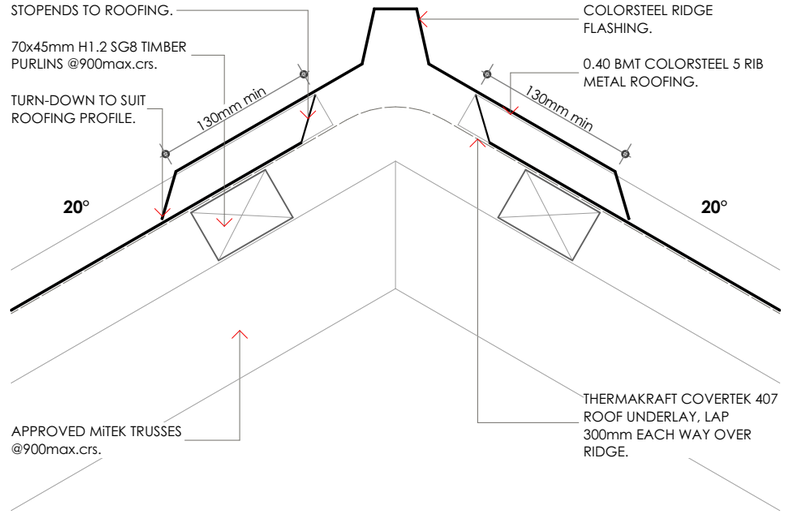
ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Pipe Penetration Detail. 500

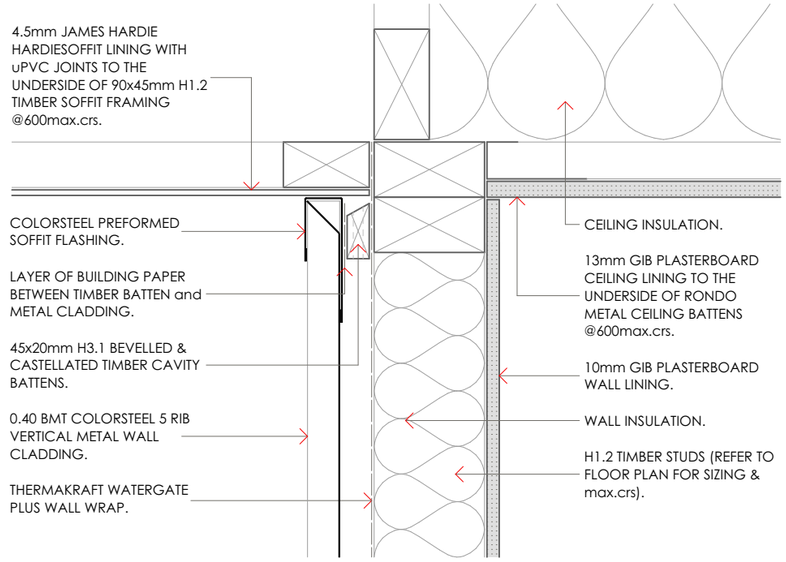
Scale 1:5 ABODO VULCAN VERTICAL SHIPLAP WEATHERBOARD



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Ridge Flashing Detail. 501

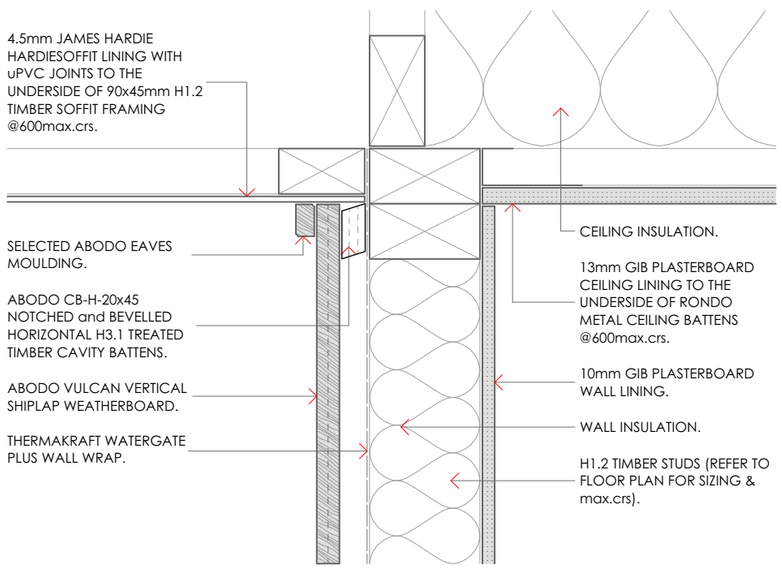
Scale 1:5 TYPICAL



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Soffit Detail. 502

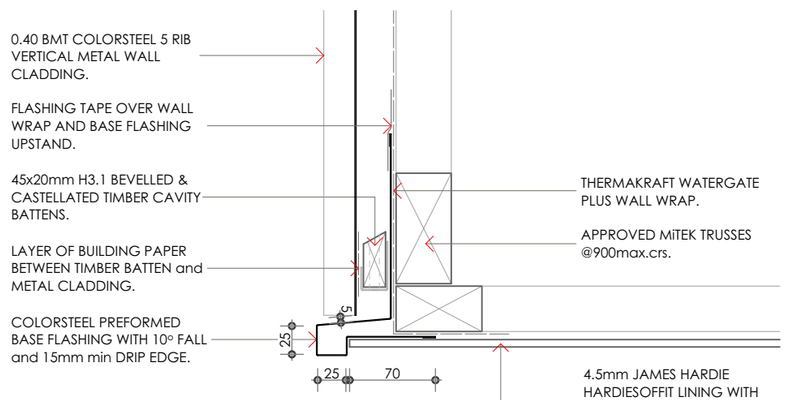
Scale 1:5 COLORSTEEL 5 RIB VERTICAL METAL



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Soffit Detail. 503

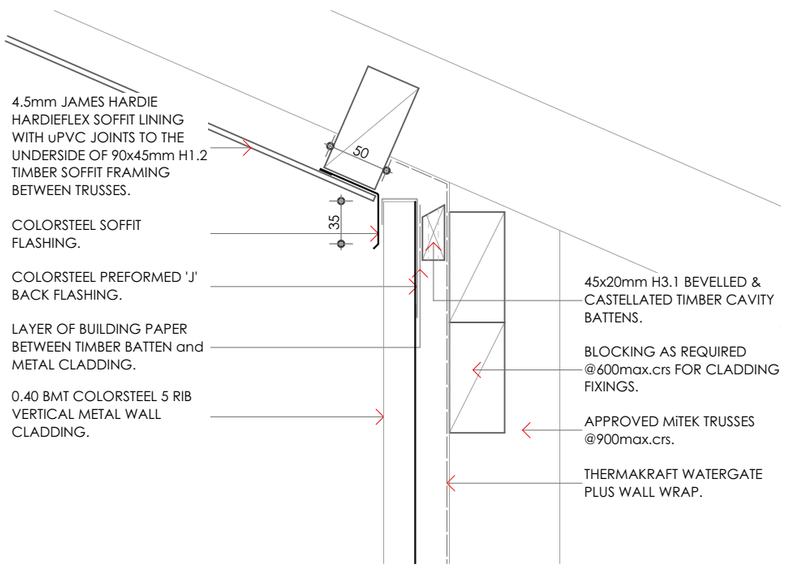
Scale 1:5 ABODO VULCAN VERTICAL SHIPLAP WEATHERBOARD



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Soffit Edge Detail. 504

Scale 1:5 COLORSTEEL 5 RIB VERTICAL METAL



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Raking Soffit Detail. 505

Scale 1:5 TYPICAL COLORSTEEL 5 RIB VERTICAL METAL

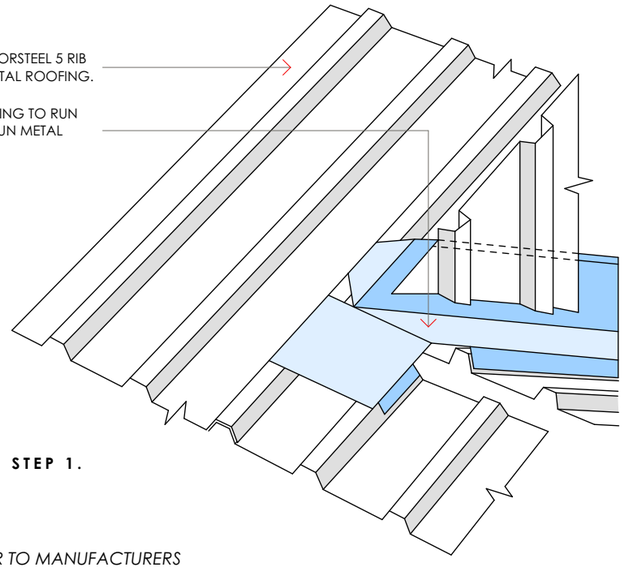
LDSGN architecture

Proposed New House

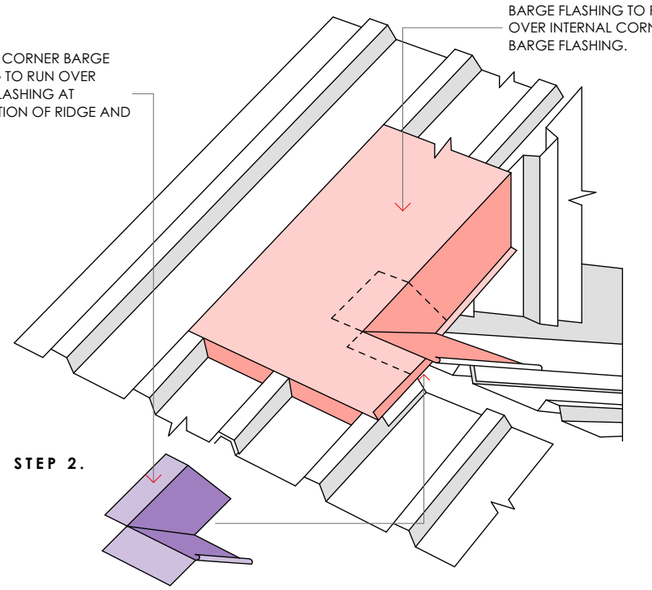
Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Construction Details	As shown. Sheet size A3.	26.069 11.11.26.	A4.5	Building Consent Issue

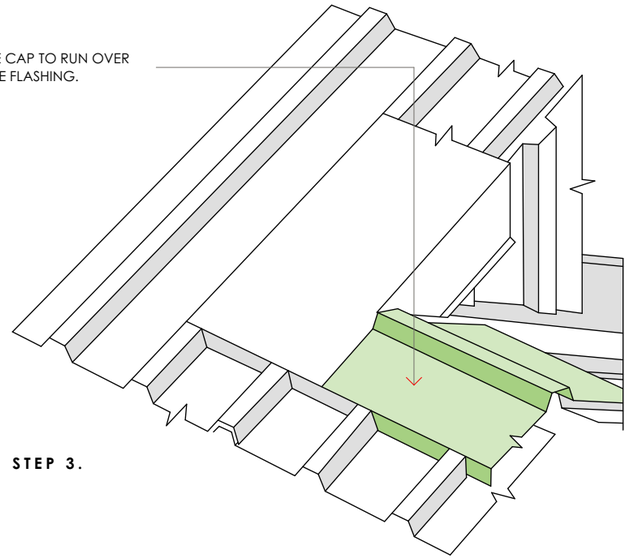
ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



STEP 1.



STEP 2.

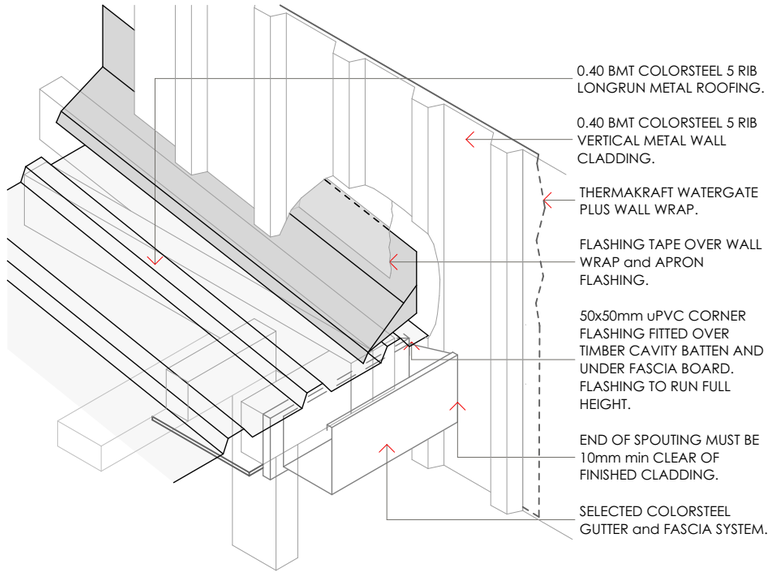


STEP 3.

ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Ridge to Barge Detail. 600

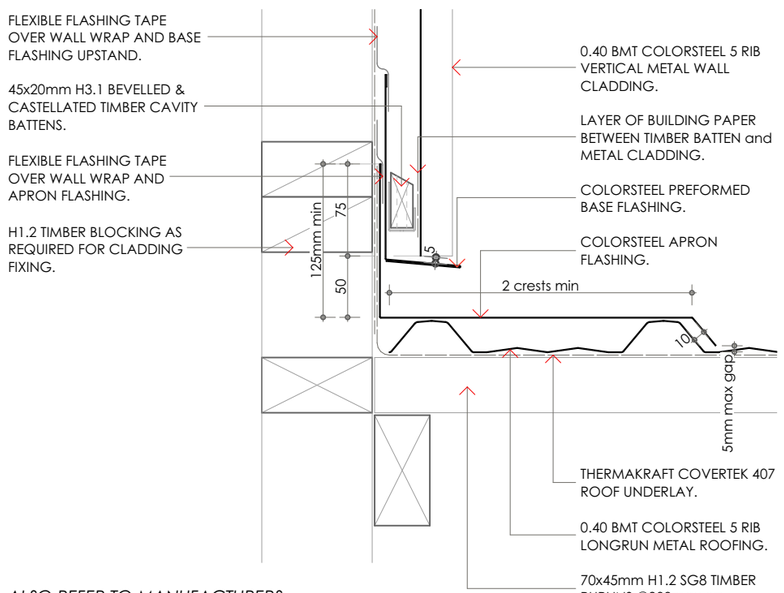
NTS — TYPICAL



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Gutter to Wall Detail. 601

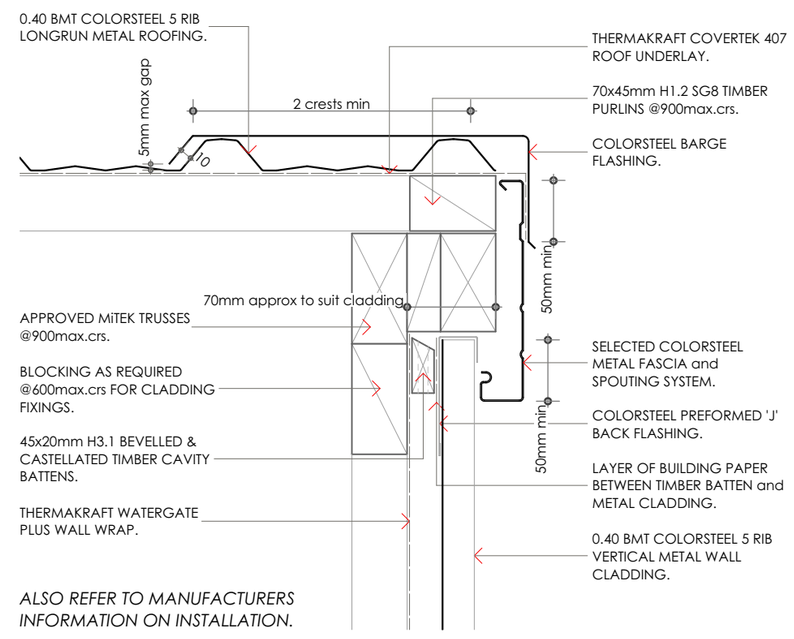
NTS — COLORSTEEL 5 RIB VERTICAL METAL



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Apron Detail. 602

Scale 1:5 — TYPICAL PARALLEL APRON FLASHING



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Barge Flashing Detail. 603

Scale 1:5 — TYPICAL

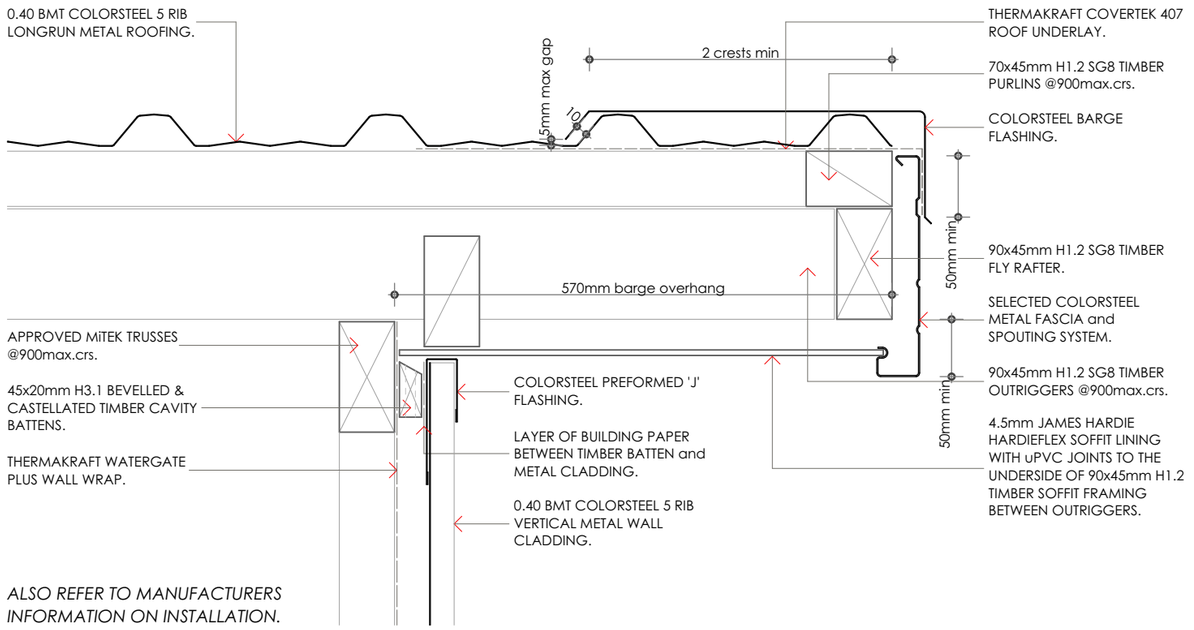
LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

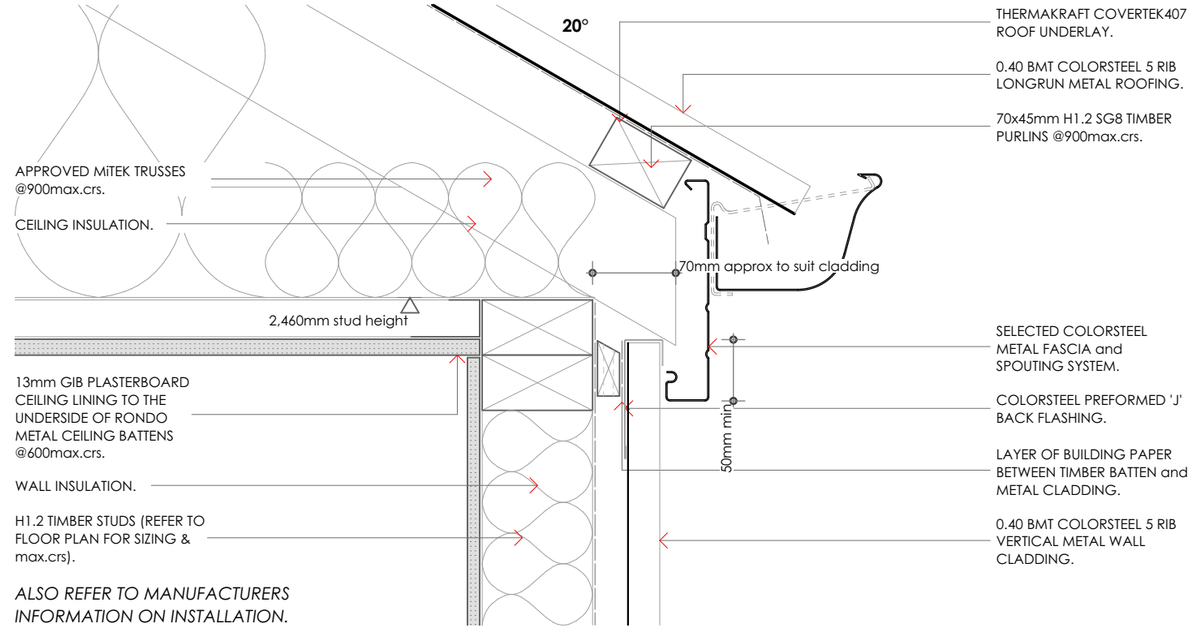
drawing	scale	file	sheet	Issue
Construction Details	As shown. Sheet size A3.	26.069 11.11.26.	A4.6	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



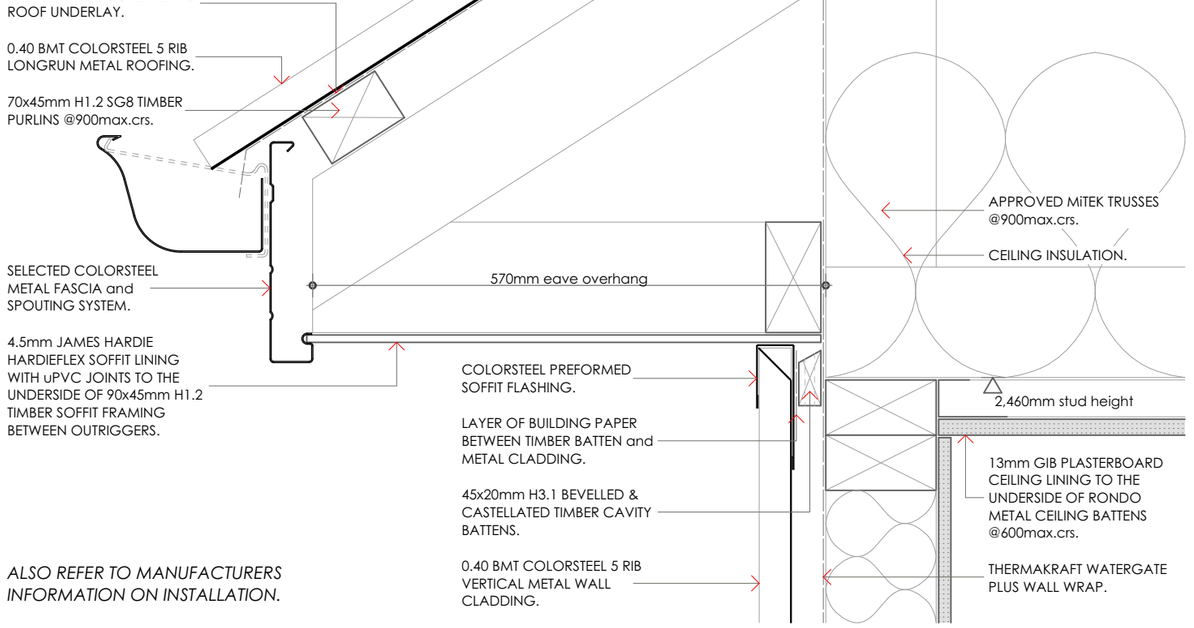
ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Barge Flashing Detail. 700
Scale 1:5 — TYPICAL COLORSTEEL 5 RIB VERTICAL METAL



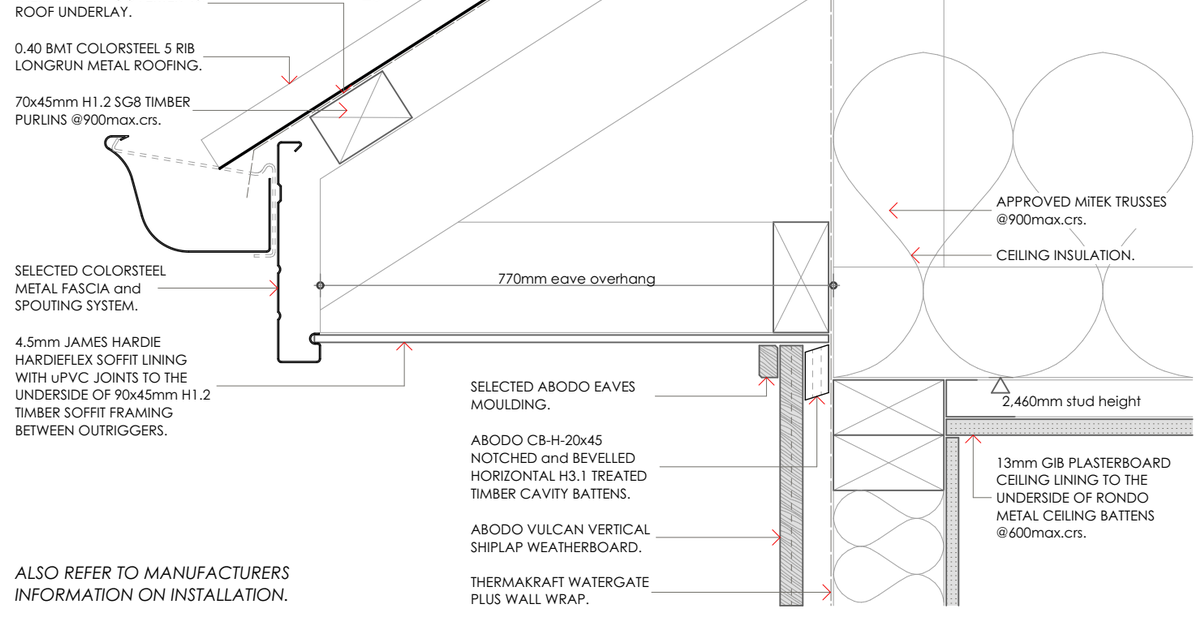
ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Eave Detail. 701
Scale 1:5 — COLORSTEEL 5 RIB VERTICAL METAL



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Eave Detail. 702
Scale 1:5 — COLORSTEEL 5 RIB VERTICAL METAL



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Eave Detail. 703
Scale 1:5 — ABODO VULCAN VERTICAL SHIPLAP WEATHERBOARD

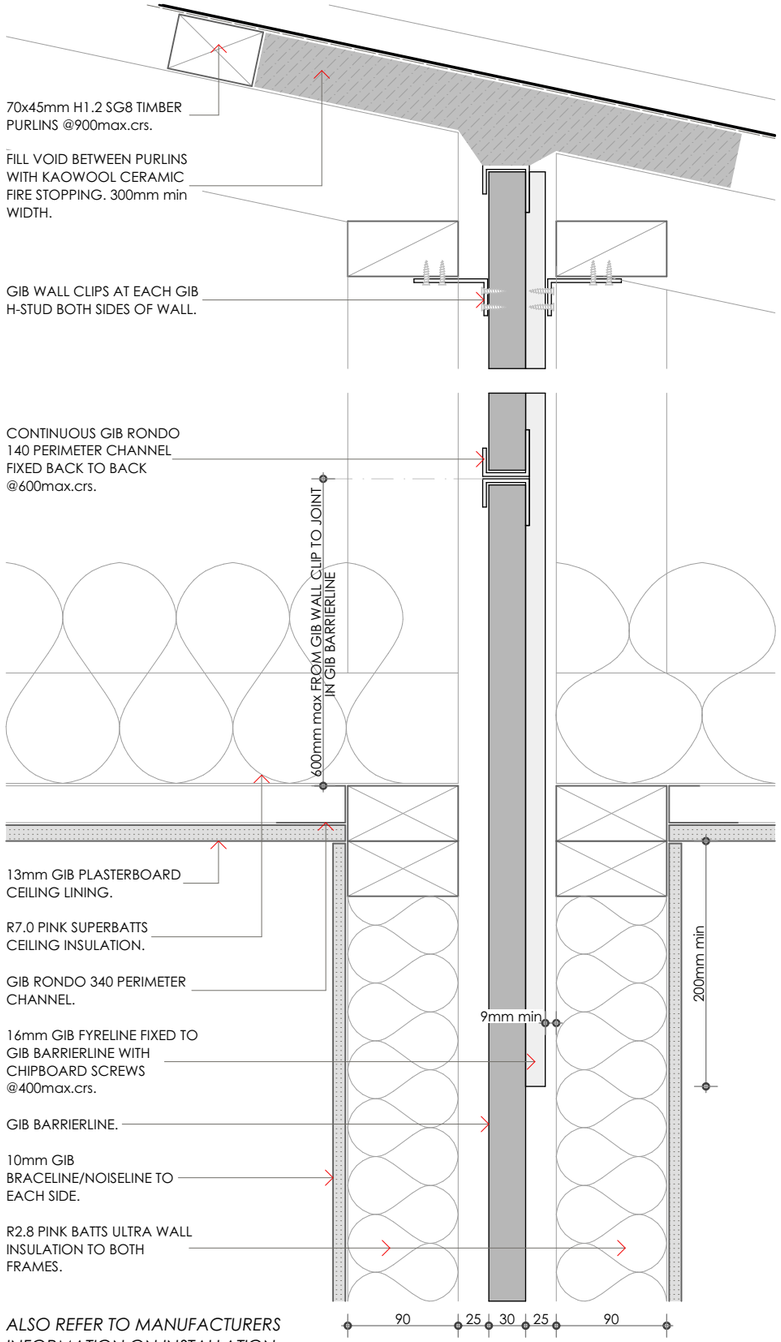
LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Construction Details	As shown. Sheet size A3.	26.069 11.11.26.	A4.7	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



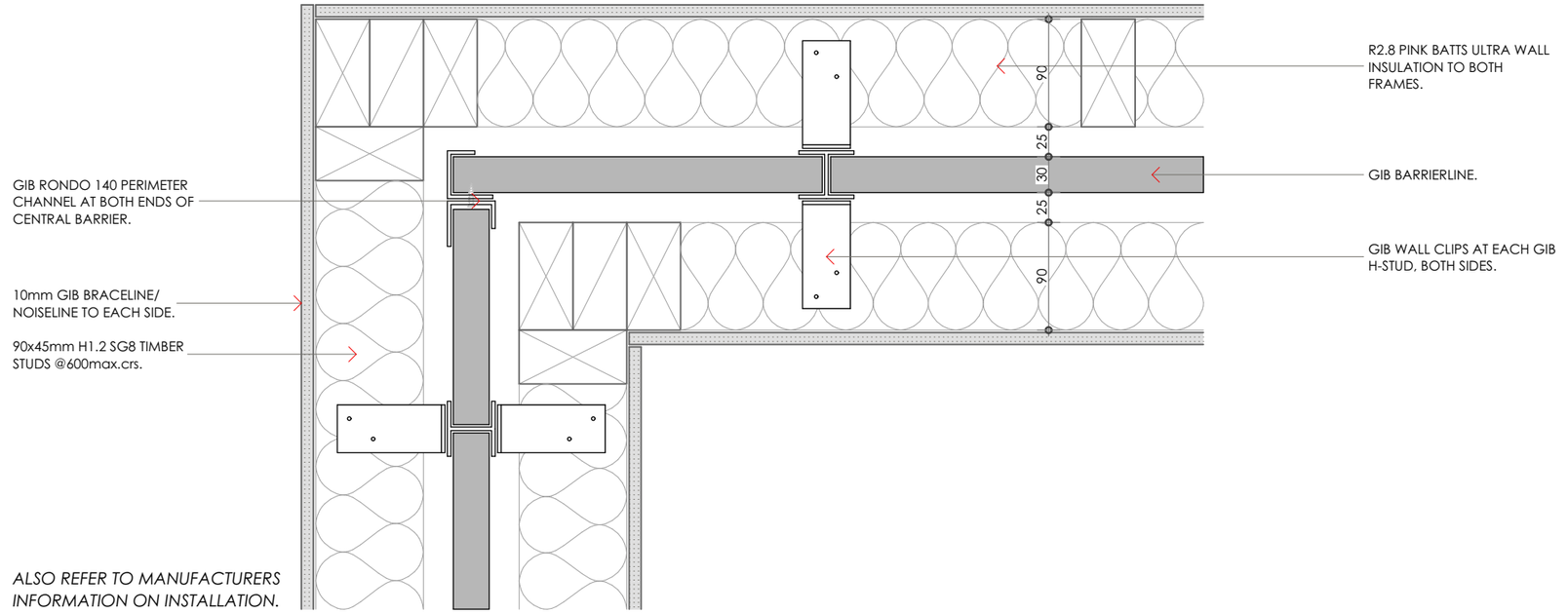
ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Fire Wall Detail.

Scale 1:5

800

GIB BARRIERLINE INTERTENANCY



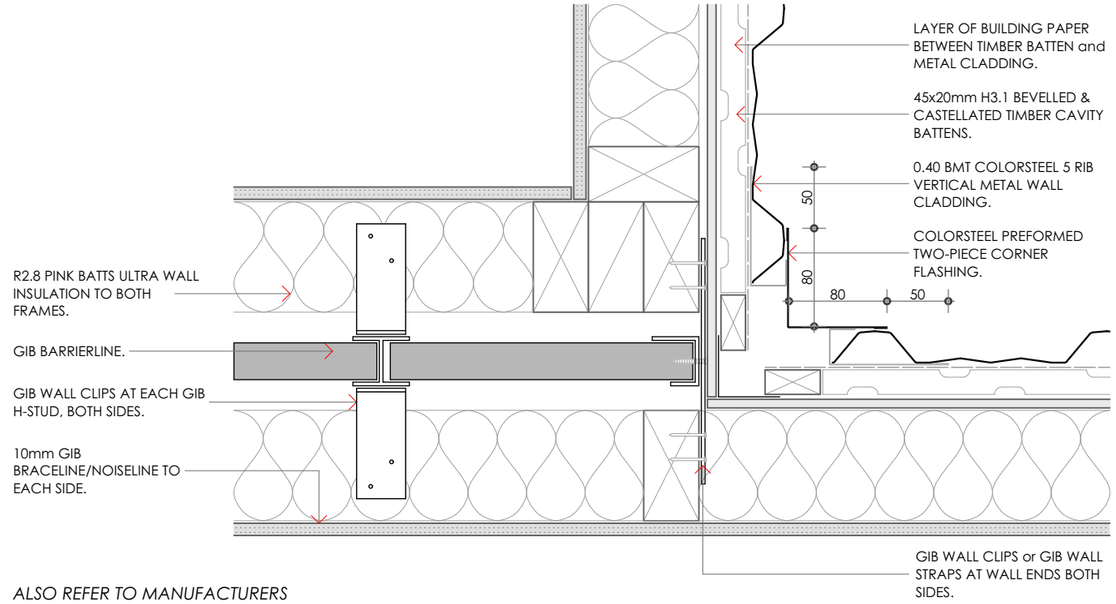
ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

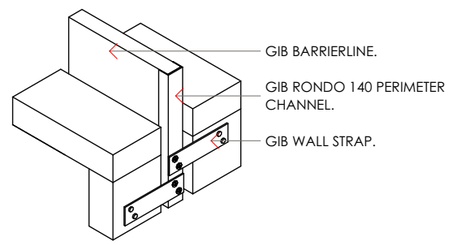
Fire Wall Internal Corner Detail.

Scale 1:5

801

GIB BARRIERLINE INTERTENANCY





ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Fire Wall Ext Corner Detail.

Scale 1:5

802

GIB BARRIERLINE INTERTENANCY

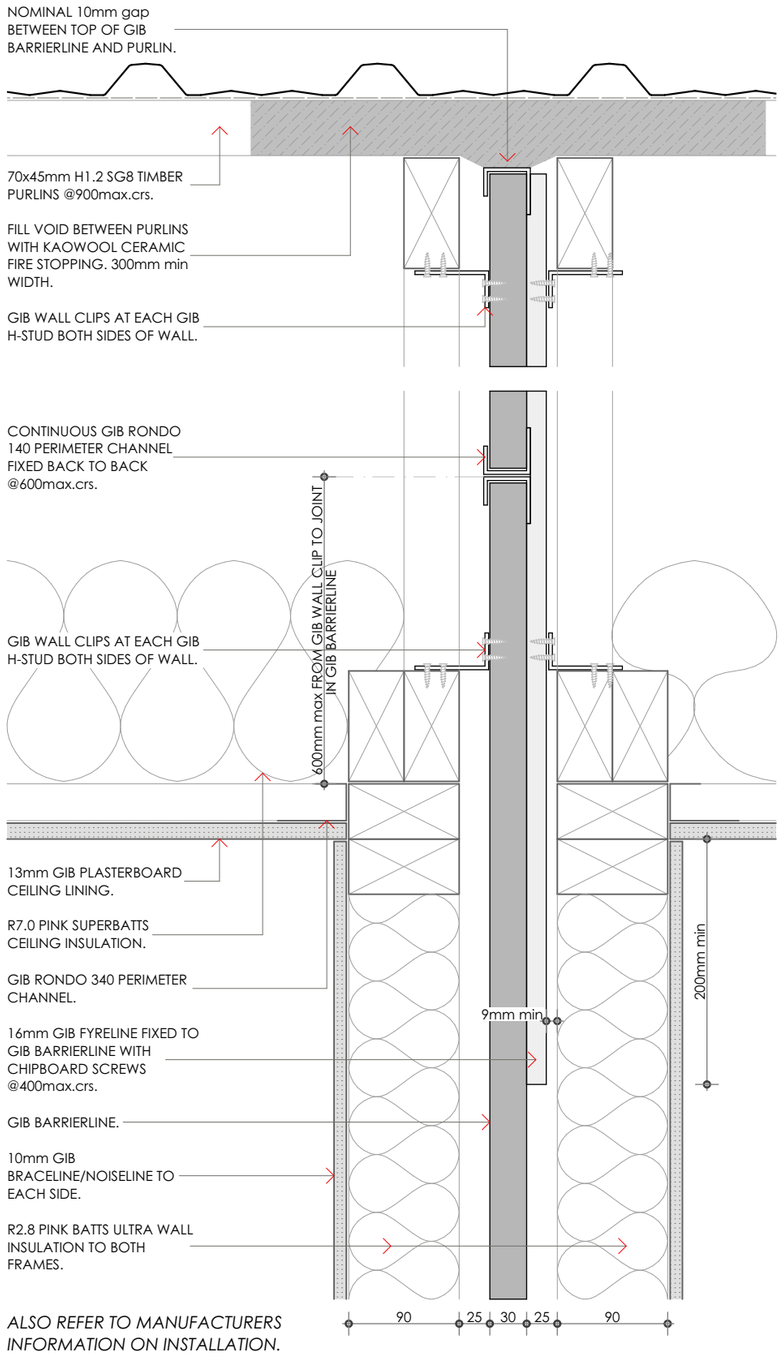
LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

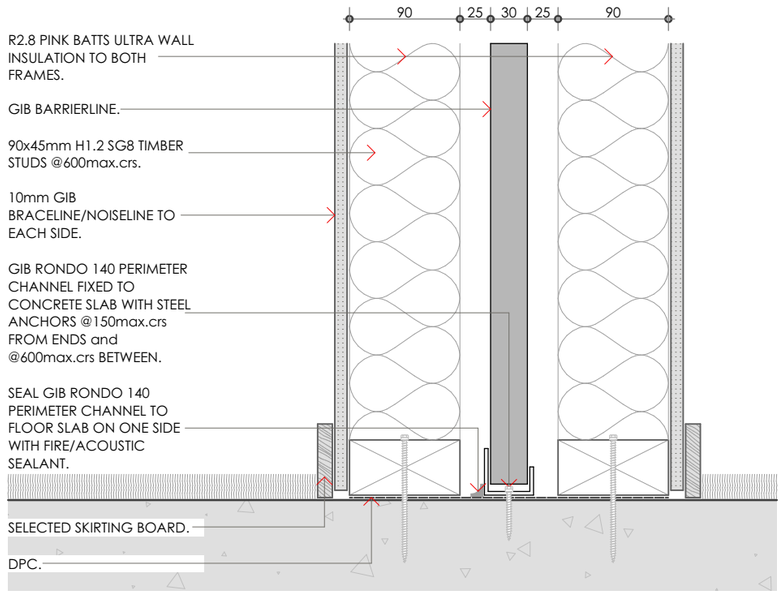
drawing	scale	file	sheet	Issue
Construction Details	As shown. Sheet size A3.	26.069 11.11.26.	A4.8	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Fire Wall Detail. 900
Scale 1:5 — GIB BARRIERLINE INTERTENANCY



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Door Sill Detail. 903
Scale 1:5 — TYPICAL SLIDING DOOR

ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Window Sill Detail. 902
Scale 1:5 — TYPICAL FULL HEIGHT WINDOW

ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Door Sill Detail. 904
Scale 1:5 — TYPICAL CASEMENT DOOR

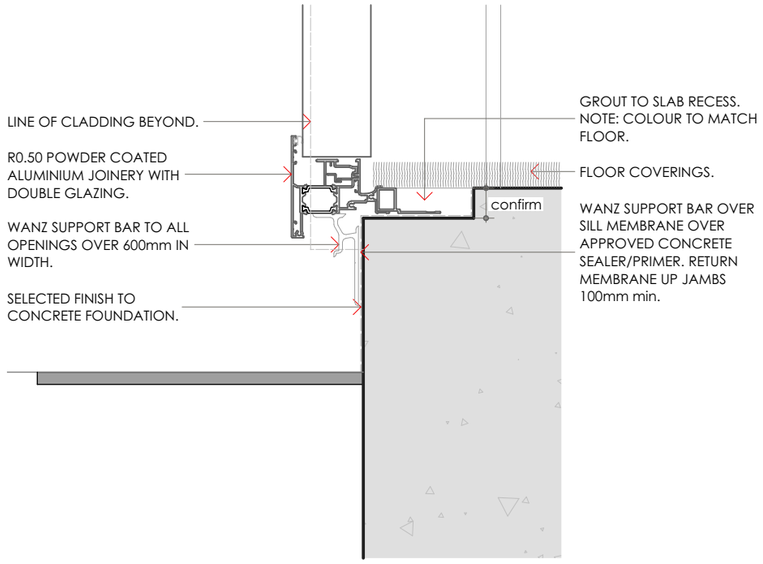
LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Construction Details	As shown. Sheet size A3.	26.069 11.11.26.	A4.9	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



ALSO REFER TO MANUFACTURERS INFORMATION ON INSTALLATION.

Door Sill Detail.

Scale 1:5

1000

TYPICAL ENTRY DOOR

LDSGN architecture

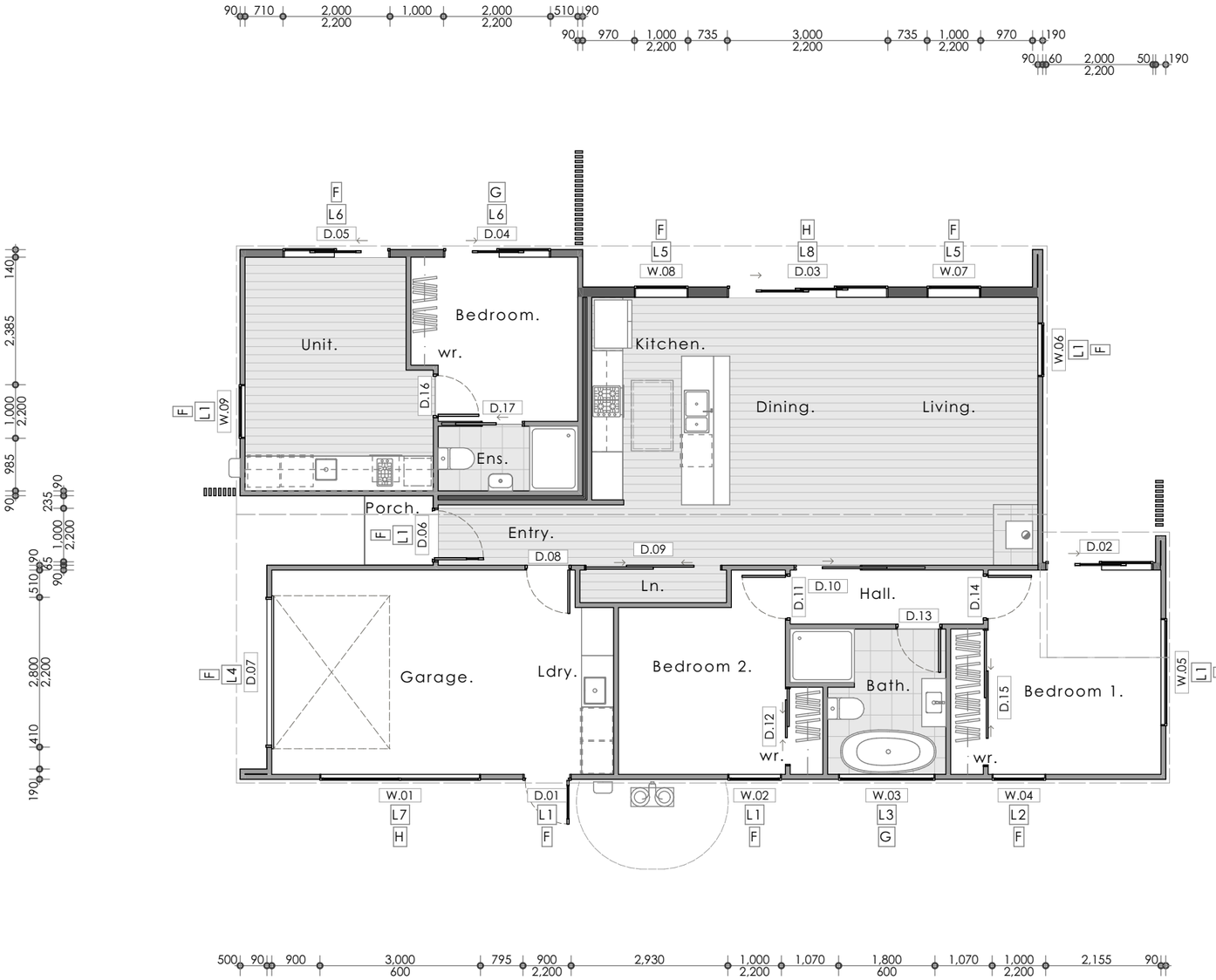
Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Construction Details	As shown. Sheet size A3.	26.069 11.11.26.	A4.10	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.

NORTH.



Opening Setout.

Scale 1:100

LEGEND:

LINTELS-BEAMS SHOWN BELOW:

L1	140x90mm H1.2 GL8.
L2	190x90mm H1.2 GL8.
L3	190x90mm H1.2 GL12.
L4	240x90mm H1.2 GL8.
L5	140x140mm H1.2 GL8.
L6	190x140mm H1.2 GL8.
L7	2/240x45mm hySPAN.
L8	3/300x45mm hySPAN.

LINTEL FIXINGS SHOWN BELOW:

F	Type F, 4.0kN connection.
G	Type G, 7.5kN connection.
H	Type H, 13.5kN connection.

NOTES:

ALL LINTELS-BEAMS INDICATED ARE SIZED IN ACCORDANCE WITH NZS 3604:2011.

ALL TOP PLATES SUPPORTING ROOF STRUCTURE ARE TO BE FIXED IN ACCORDANCE WITH NZS 3604:2011. CLAUSE 8.7.6 AND TABLE 8.18.
THIS PROJECT:
4.7kN CONNECTION, 2/90x3.15 END NAILS AND 2/ WIRE DOGS or 4.7kN ALTERNATIVE
ALL TRUSS FIXINGS ARE AS PER TRUSS MANUFACTURERS DESIGN.

ALL LINTELS SUPPORTING ROOF STRUCTURE ARE TO BE FIXED AGAINST UPLIFT IN ACCORDANCE WITH LUMBERLOK LINTEL FIXING SCHEDULE.

ALL OTHER LINTELS TO BE FIXED IN ACCORDANCE WITH NZS3604:2011 TABLE 8:19, 3/90x3.15 NAILS END NAILED.

ALL ALUMINIUM JOINERY SHALL BE CONSTRUCTED IN ACCORDANCE WITH NZS 4211:2008 & NZS 3504:1979, TO SUIT LOCATION. ALL GLAZING SHALL BE IN ACCORDANCE WITH NZS 4223.3:2016.

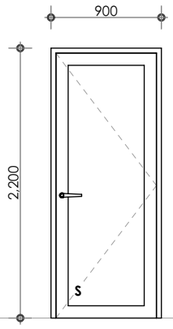
LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Proposed Opening Setout Plan	As shown. Sheet size A3.	26.069 11.11.26.	A5.1	Building Consent Issue

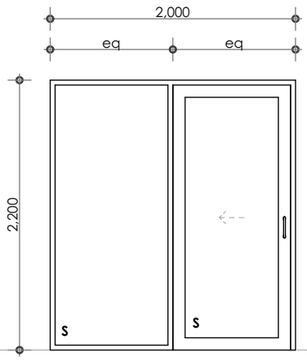
ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.



DOOR TYPE 1

R0.50 POWDER COATED THERMALLY BROKEN ALUMINIUM HINGED OPEN-OUT DOOR JOINERY WITH DOUBLE GLAZING (LOW E4 & ARGON FILLED).

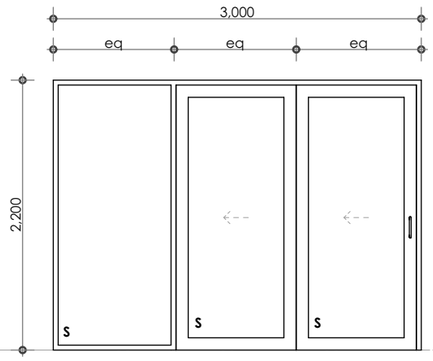
D.01



DOOR TYPE 2

R0.50 POWDER COATED THERMALLY BROKEN ALUMINIUM SLIDING DOOR JOINERY WITH DOUBLE GLAZING (LOW E4 & ARGON FILLED).

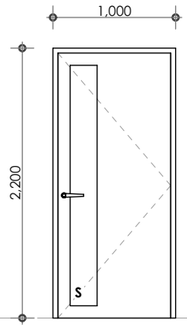
D.02, D.04, D.05
NB. D.05 HANDED.



DOOR TYPE 3

R0.50 POWDER COATED THERMALLY BROKEN ALUMINIUM STACKER SLIDING DOOR JOINERY WITH DOUBLE GLAZING (LOW E4 & ARGON FILLED).

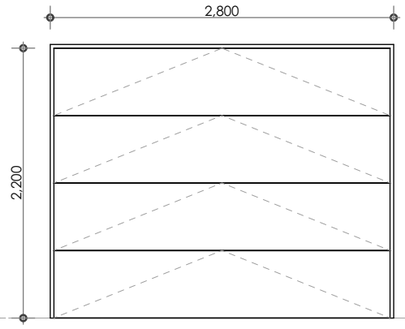
D.03



DOOR TYPE 4

SELECTED ENTRANCE DOOR WITH R0.50 POWDER COATED THERMALLY BROKEN ALUMINIUM JOINERY and DOUBLE GLAZED SIDELIGHT (LOW E4/ARGON FILLED).

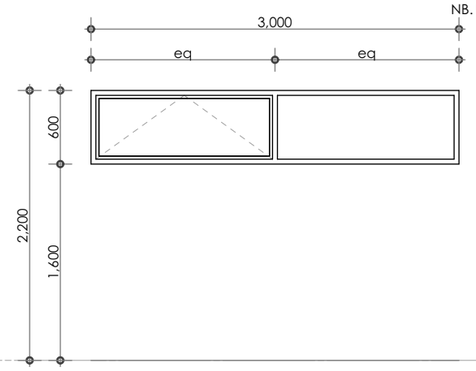
D.06



DOOR TYPE 5

SELECTED COLORSTEEL SECTIONAL GARAGE DOOR COMPLETE WITH H3.1 TREATED TIMBER REVEALS. PANEL PROFILE AND COLOUR TO BE SELECTED BY CLIENT.

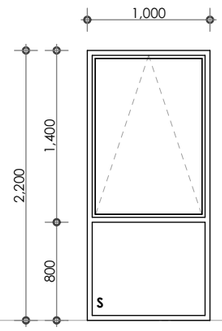
D.07



WINDOW TYPE 1

R0.50 POWDER COATED THERMALLY BROKEN ALUMINIUM WINDOW JOINERY WITH DOUBLE GLAZING (LOW E4 & ARGON FILLED).

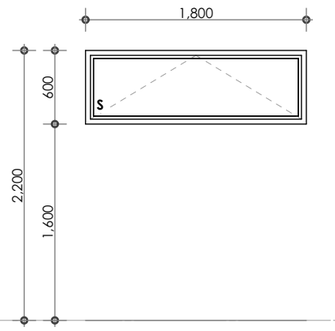
W.01



WINDOW TYPE 2

R0.50 POWDER COATED THERMALLY BROKEN ALUMINIUM WINDOW JOINERY WITH DOUBLE GLAZING (LOW E4 & ARGON FILLED).

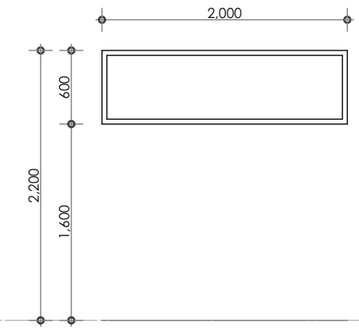
W.02, W.04, W.06, W.07, W.08, W.09



WINDOW TYPE 3

R0.50 POWDER COATED THERMALLY BROKEN ALUMINIUM WINDOW JOINERY WITH DOUBLE GLAZING (LOW E4 & ARGON FILLED).

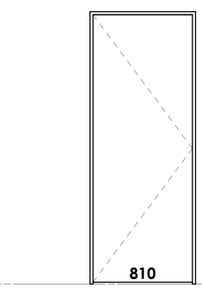
W.03
NB. OBSCURE SAFETY GLAZING.



WINDOW TYPE 4

R0.50 POWDER COATED THERMALLY BROKEN ALUMINIUM WINDOW JOINERY WITH DOUBLE GLAZING (LOW E4 & ARGON FILLED).

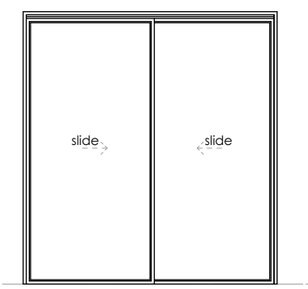
W.05



INT DOOR TYPE 1

810mm WIDE x 2,200mm HIGH HOLLOW CORE PAINT GRADE MDF FLUSH PANEL DOOR. 25mm PAINT GRADE PINUS REVEALS FLUSH WITH WALL LININGS FOR ARCHITRAVES WITH 40x12mm FIN. PLANTED STOPS.

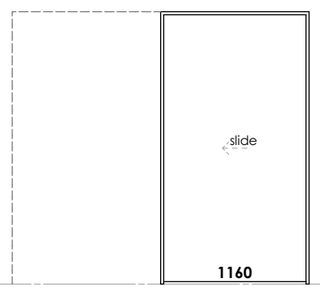
D.08, D.11, D.13, D.14



INT DOOR TYPE 2

PAIR OF 2,200mm HIGH ALUMINIUM FRAMED SLIDING WARDROBE DOORS COMPLETE WITH POWDER COATED ALUMINIUM TRACK. 25mm PAINT GRADE PINUS REVEALS FLUSH WITH WALL LININGS FOR ARCHITRAVES.

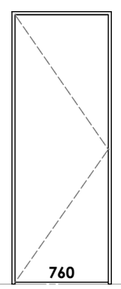
D.09 - 2,570 o/r
D.12 - 1,470 o/r
D.15 - 2,570 o/r



INT DOOR TYPE 3

1,160mm WIDE x 2,200mm HIGH HOLLOW CORE MDF PAINT GRADE FLUSH PANEL CS FOR DOORS CAVITY SLIDING DOORSET. 25mm PAINT GRADE PINUS REVEALS FLUSH WITH WALL LININGS FOR ARCHITRAVES.

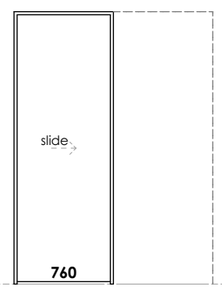
D.10



INT DOOR TYPE 4

760mm WIDE x 2,200mm HIGH HOLLOW CORE PAINT GRADE MDF FLUSH PANEL DOOR. 25mm PAINT GRADE PINUS REVEALS FLUSH WITH WALL LININGS FOR ARCHITRAVES WITH 40x12mm FIN. PLANTED STOPS.

D.16



INT DOOR TYPE 5

760mm WIDE x 2,200mm HIGH HOLLOW CORE MDF PAINT GRADE FLUSH PANEL CS FOR DOORS CAVITY SLIDING DOORSET. 25mm PAINT GRADE PINUS REVEALS FLUSH WITH WALL LININGS FOR ARCHITRAVES.

D.17

OPENING NOTES:

ALL EXTERIOR WINDOWS and DOORS, UNLESS OTHERWISE NOTED, SHALL BE POWDER COATED ALUMINIUM WINDOW JOINERY WITH DOUBLE GLAZING.
REFER TO SPECIFICATION FOR SPECIFIC GLASS DETAILS.

DIMENSIONS SHOWN ARE ROUGH OPENING SIZES and TO SUIT SOFFIT DROP, ALL DIMENSIONS MUST BE CHECKED ON SITE PRIOR TO MANUFACTURE.

ALL GLAZING SHALL COMPLY WITH NZS 4223.3:2016.

CHECK ALL DETAILS, WALL THICKNESSES and WALL LINING THICKNESSES PRIOR TO MANUFACTURE OF REVEALS TO CONFIRM DIFFERENT REVEAL DETAILS, DEPTHS and LINING THICKNESSES. ALSO REFER TO DETAILS.

REFER TO FLOOR PLANS FOR DOOR SWINGS AND HANDING OF DOORS.

ALL SOLID CORE DOORS SHALL BE CLASHED TO BOTH EDGES.

S GRADE A SAFETY GLASS REQUIRED TO COMPLY WITH NZS 4223.3:2016.

Opening Schedule.

Scale 1:50

LDSGN architecture

Proposed New House

Bell Residence, 45 Burdon Loop, LAKE HĀWEA

drawing	scale	file	sheet	Issue
Proposed Opening Schedule	As shown. Sheet size A3.	26.069 11.11.26.	A5.2	Building Consent Issue

ALL MEASUREMENTS TO BE CONFIRMED ON SITE BEFORE COMMENCING ANY CONSTRUCTION.