BUILDING CONSENT DRAWINGS

FOR THE PROPOSED WORK AT
11 CARRICKMORE CRES.
NORTHLAKE, WANAKA
FOR
GEMMA THOMPSON &
PHILLIP WILSON

DRAWINGS

101	SITE PLAN & ERATHWORKS PLAN
102	FLOOR PLAN & FOUNDATION PLAN
103	STRUCTURAL LAYOUT
104	ROOF FRAMING PLAN & ROOF PLAN
105	PLUMBING PLAN
201	SECTIONS
202	SECTIONS
203	SECTIONS
301	ELEVATIONS
401	FOUNDATION DETAILS
402	ROOF DETAILS
403	METAL CLADDING DETAILS
404	METAL CLADDING DETAILS
405	METAL CLADDING DETAILS
406	OTHER CLADDING DETAILS
407	TIMBER CLADDING DETAILS
408	TIMBER CLADDING DETAILS
409	BATHROOM LAYOUTS & WET AREA DETAILS
410	ROOF PENETRATION DETAILS
411	STAIR DETAILS & OTHER DETAILS
412	D&W SCHEDULE

TRUSS & FRAME DRAWINGS

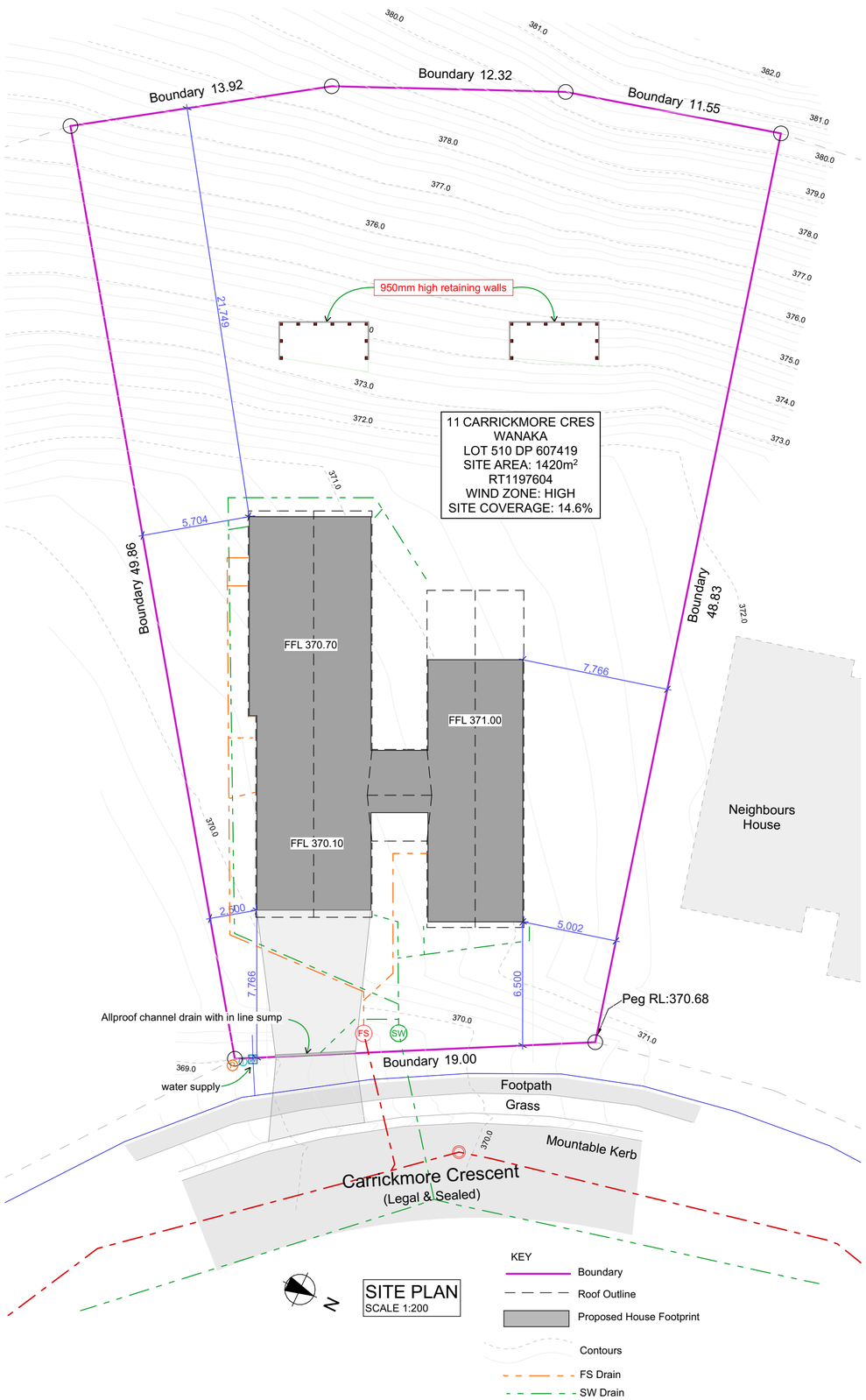
Sheet 1.	BUILDABLE TRUSS LAYOUT
Sheet 2.	TOP PLATE FIXING DETAILS
Sheet 3.	TRUSS FIXING DETAILS
Sheet 4.	MITEK STRINGER FIXING DETAIL
Sheet 5.	LINTEL DETAILS & FIXING
Sheet 6.	STUD-LOK LINTEL FIXING DETAILS

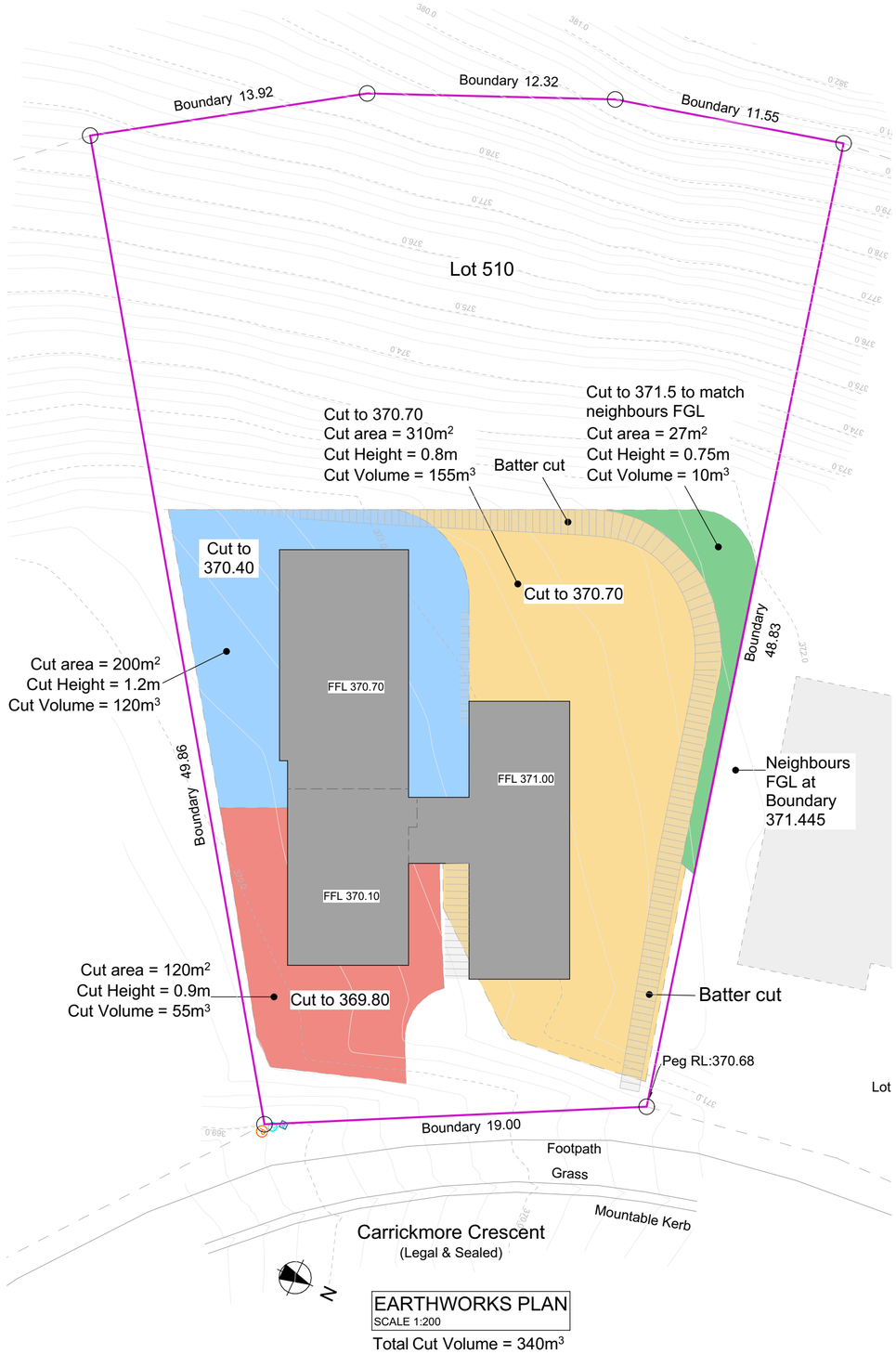
ENGINEERS DRAWINGS

S0.1.	COVER PAGE
S0.2.	COVER PAGE
S1.1.	FOUNDATION DETAILS
S2.1.	CONNECTION DETAILS
A102.	MARK UPS. FOUNDATION & BEAMS
A101.	MARK UPS. RETAINING WALL
W1.	RETAINING WALL DESIGN

PROLAM EXPOSED TRUSS DRAWINGS

S1.	EXPOSED TRUSS ELEVATION
S2.	EXPOSED TRUSS PLATE DIMENSIONS
S3.	EXPOSED TRUSS CONNECTION DETAILS





SEDIMENT & EROSION CONTROL

All cut material to be exported off site immediately. Resulting in no need for stockpiling.

Use existing water supply to hand water exposed soils to manage dust.

Install sediment control fences. To be put in place outside work hours and during any natural rainfall. To ensure no sediment can run off site.

Trenches to connect services.
Plan and coordinate service connections particularly
S/W. So it can be connected as soon as roof is complete

Manage litter and building waste. By keeping a tidy and litter free site. Particularly so for 'wet trades' (especially concrete). these should be cleaned up on site and any contaminated water should be captured and not allowed to run off site.

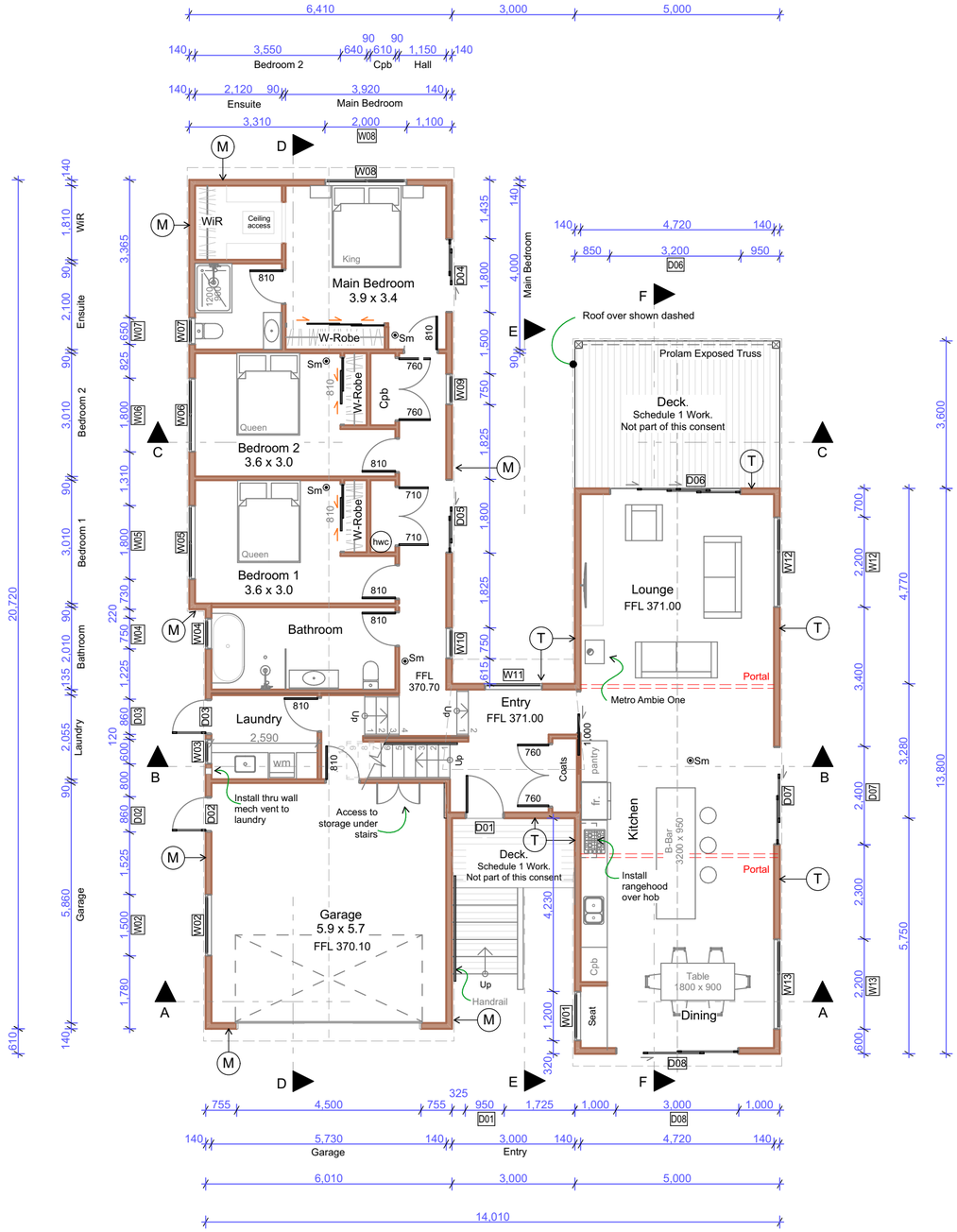
BC ISSUE

MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Site Plan & Earthworks Plan

DRAWN:	RICH V
DATE:	NOV 2026
SCALE:	AS SHOWN @ A3
DRAWING NO	101

Check all dimensions on site. Do not scale off plans, if in doubt ask.

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FLOOR PLAN
SCALE 1:100

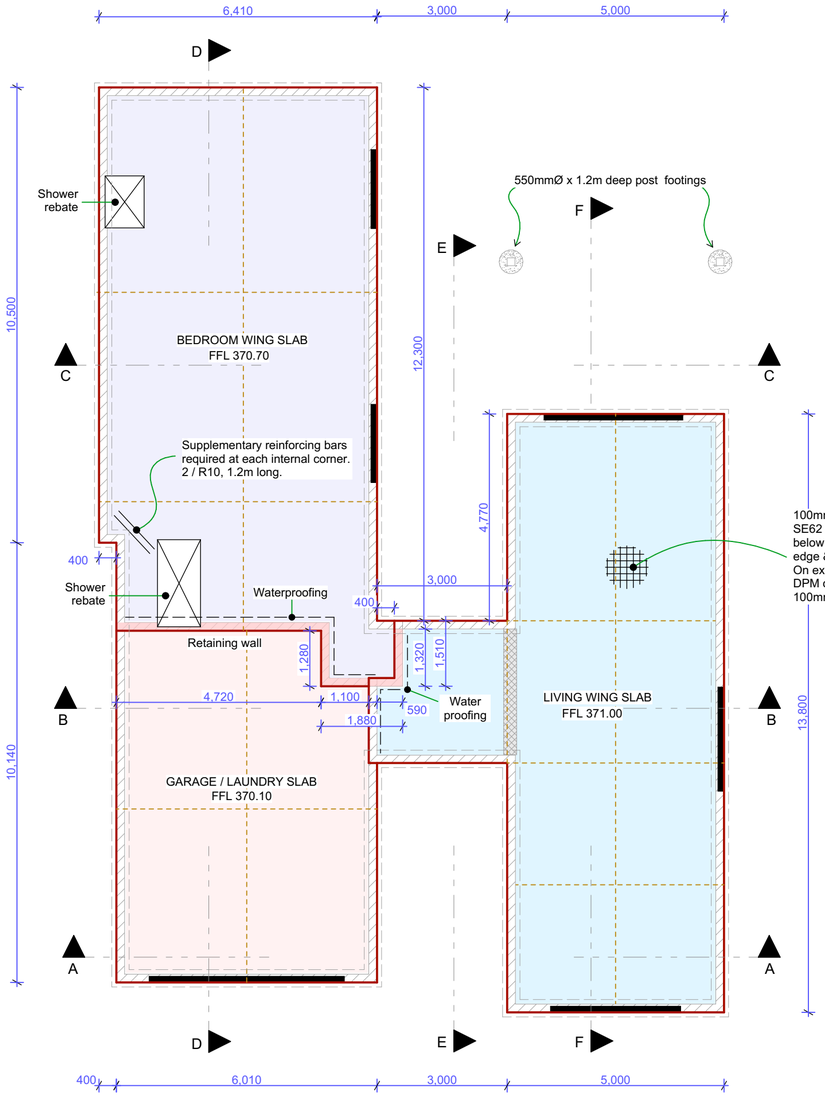
Total Floor Area = 207m²

KEY

Sm Interconnected Smoke Alarms
Mounted on ceiling.
All bedrooms, living spaces, hallways and on every level.
Distance from wall 200mm min. 5m
Maximum distance apart. 10m.

M Metal 5-Rib Cladding

T Timber Weatherboard Cladding



KEY

- EDGE OF FLOOR SLAB
- MASONRY FOOTING OUTLINE
- REBATES FOR DOORS
- SAW CUTS
- 190mm MASONRY BLOCK FOUNDATION EDGE
- SLAB THICKENING

NOTE: DIMENSIONS

Dimensions shown are building line dimension, for external timber framing.
Bottom plate is to overhang foundation edge 6mm.
Allow for this 6mm overhang when setting out foundations

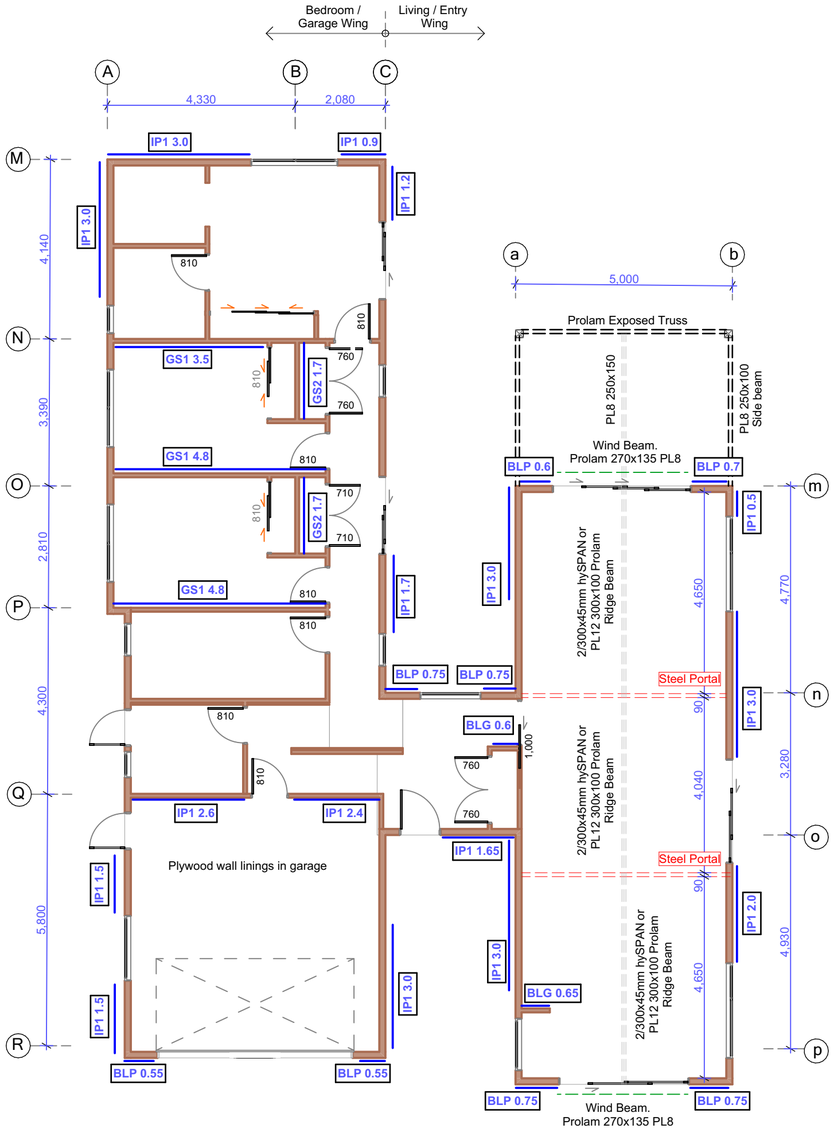
FOUNDATION PLAN
SCALE 1:100

BC ISSUE

MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Floor Plan & Foundation Plan	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 102

Check all dimensions on site. Do not scale off plans, if in doubt ask.

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KEY

EP1 1.3 BRACING ELEMENTS

BRACING PLAN
SCALE 1:100

FIXING SCHEDULE:

1. BRACING PANELS
BRACING PANELS AS PER GIB BRACING SYSTEMS & IPL BRACING SYSTEMS . INSTALLATION OF HOLD DOWNS AND FIXINGS AS PER MANUFACTURERS REQUIREMENTS.

GS1: 10mm STANDARD PLASTERBOARD ONE SIDE. NO HOLD DOWNS REQUIRED
GS2: 10mm STANDARD PLASTERBOARD BOTH SIDES. NO HOLD DOWNS REQUIRED
BLP: 10mm GIB BRACELINE PLASTERBOARD ONE SIDE 7mm IPL PLYWOOD THE OTHER. HOLD DOWN FIXINGS REQUIRED.
IP1: 7mm IPL STRUCTURAL PLYWOOD ONE SIDE. HOLD DOWN FIXINGS REQUIRED

2. FASTENER SPACINGS
GIB: USE 32mm x 6g GIB SCREWS. FIX WITH 2011 CORNER FASTENING PATTERN & @ 150mm crs TO PERIMETER OF BRACING PANEL. AT 300mm crs TO INTERMEDIATE SHEET JOINS. USE GIBFix ADHESIVE DAUBS AT 300mm crs TO INTERMEDIATE FRAMING.

PLYWOOD: USE 50x2.8mm FLAT HEAD GALV NAILS @ 150mm crs TO PERIMETER OF BRACING PANEL. AT 300mm crs TO INTERMEDIATE FIXINGS & AT STUD / SHEET JUNCTIONS. NO CLOSER THAN 7mm TO SHEET EDGE. CORNER FASTENING PATTERN DOES NOT APPLY TO PLYWOOD.

3. BOTTOM PLATES EXTERNAL WALLS
ALL EXTERNAL BOTTOM PLATES TO BE FIXED WITH PROPRIETARY M10 BOTTOM PLATE SCREW BOLT THAT ARE BRANZ APPRAISED. LIKE BOWMAC M10x140mm BLUE HEAD SCREW BOLT FIXED AT 600mm crs. OR M12 BOLTS SET NOT LESS THAN 75mm INTO THE CONCRETE & PROJECT SUFFICENTLY TO ALLOW FOR A 50x50x3mm GALVANISED WASHER & FULLY THREADED NUT ABOVE THE TIMBER (AS PER NZS 3604 7.5.12).
THESE FIXINGS SHALL BE WITH-IN 150mm OF EACH END OF THE BOTTOM PLATE.

4. BOTTOM PLATES INTERNAL NON STRUCTURAL WALLS
PROPRIETARY CONCRETE SCREWS AT 1.5m crs MIN & 150mm FROM PLATE ENDS.

5. BRACING WALLS THAT REQUIRE HOLD DOWNS. INTERNAL & EXTERNAL WALLS
FOR BRACING ELEMENTSD THAT REQUIRE HOLD DOWN FIXING. INSTALL AS PER ITEM 3 ABOVE BUT INSTALLED WITH-IN 100mm OF EACH END OF BRACING ELEMENT. REFER TO ECOPLY & GIB BRACING SYSTEMS PANEL HOLD DOWN DETAILS.

6. TOP PLATE TO STUDS- LOADBEARING WALLS
SEE TRUSS MANUFACTURERS TOP PLATE FIXING DETAILS

7. TOP PLATE TO STUDS- NON-LOADBEARING WALLS
• HAND DRIVEN- 2/100 x 3.75 END NAILED OR 4/75 x 3.15 SKEWED OR POWER DRIVEN- 3/90 x 3.15 END NAILED OR 4/75 x 3.06 SKEWED

8. LINTELS
SEE TRUSS MANUFACTURERS LINTEL FIXING DETAILS

Roof Pitch: 32° generally. 4° to link roof
Eaves Width: No eave
Height to Underside of Truss: 2460 & 2615mm.
Lintel Height: 2200mm
Internal Door Leaf Height: 2200mm (except internal garage door)

KEY NOTES

FOUNDATION
190 SERIES MASONRY FOUNDATION EDGE WITH 100mm CONCRETE SLAB WITH SE62 REINFORCING MESH, 30mm TOP COVER ON 85mm EXPOL SLABX200 INSULATION ON DPM ON 25mm SAND BLINDING LAYER ON 100mm COMPACTED HARDFILL.

FRAMING NOTES
ALL TIMBER FRAMING TO SG8 OR LVL8 GRADE MINIMUM
- EXTERNAL LOADBEARING WALL FRAMING:
140x45mm H1.2 SG8 STUDS @ 600mm crs
- FIT 90x45mm DWANGS @800mm crs FOR METAL CLADDING & 480mm crs FOR TIMBER WB CLADDING FIT FLUSH WITH OUTSIDE OF FRAME
- FIT DOUBLE TOP PLATE.

-INTERNAL LOAD BEARING WALLS
90x45mm H1.2 STUDS @ 600 crs.

UNDERLAYS.
BUILDING WRAP. THERMAKRAFT 220 BUILDING WRAP OVER 7mm DD E3 STRUCTURAL PLYWOOD
ROOFING UNDERLAY: THERMAKRAFT COVERTEK 215
SLAB DPM: POLYTHENE 250mu

CLADDING
TIMBER SHIPLAP WEATHERBOARDS RUN VERTICALLY ON 20mm H3.1 CAVITY BATTENS @ 480mm crs.

5-RIB COLOURSTEEL CLADDING RUN VERTICALLY ON 20x45mm H3.1 VERTICAL CAVITY BATTENS @ 800mm crs.

ROOFING
5-RIB COLOURSTEEL ROOFING ON ROOFING UNDERLAY ON 70x45mm PURLINS @ 600mm crs TO END SPAN & 900mm crs GENERALLY. SUPPORT MESH ON ROOFS UNDER 10 DEGREES.
OVERHANG PURLINS TO FORM 300mm EAVES

QUAD SPOUTING ON COLOURSTEEL 185mm FACIA

SOFFITS
HARDIE SOFFITS 4.5mm ON SOFFITS UPTO 1200mm WIDE.
HARDIE VILLABORAD SOFFITS 9mm ON SOFFITS OVER 1200mm WIDE.

INSULATION KNAUF INSULATION GLASSWOOL
CEILINGS:
SKILLION ROOFS R5.0 SKILLION ROOF INSULATION. STANDRAD TRUSS ROOFS R7.0 CEILING SEGMENTS.
ATTIC TRUSSES & LINK ROOF. R5.0 SKILLION ROOF INSULATION

WALLS: 90mm R2.4 BETWEEN DWANGS + 45mm R1.3 CONTINUOUS BOTTOM PLATE TO TOP PLATE

MID FLOOR: EXPOL UNDERFLOOR R2.5 INSULATION OR KNAUF 2.6 MID FLOOR INSULATION

INTERIOR LININGS
WALLS: 10mm STANDARD GIB GENERALLY.
CEILINGS: 13mm GIB ON RONDO BATTENS @600mm crs GENERALLY.
FEATURE LININGS "GROOVED 12mm PLY" OR SIMILAR IN THE LIVING AREA ON TIMBER BATTENS @ 600mm crs.

WET AREAS.
WALLS. 10mm AQUALINE GIB GENERALLY.
FLOORS: CERAMIC TILES WITH ARDEX WPM WATERPROOF MEMBRANE TO BATHROOMS & LAUNDRY. TIMBER OVERLAY FLOORING TO KITCHEN

SHOWER ENCLOSURES.
SHOWER FLOOR: REBATED SHOWER FLOOR WITH CERAMIC TILES ON WPM WATERPROOF MEMBRANE.
SHOWER WALLS: CERAMIC TILES ON GIB AQUALINE WALL SUBSTRATE WITH ARDEX WPM WATERPROOF MEMBRANE.

VENTILATION
ALL VENTILATION TO COMPLY WITH E3/AS1 & G4/AS1.
INSTALL MECHANICAL VENTILATION BATHROOMS & LAUNDRY
INSTALL RANGEHOOD VENTILATION SYSTEM IN KITCHEN.

ELECTRICAL LIGHTING.
ELECTRICAL LIGHTING WORKS TO COMPLY WITH C/AS1 SECTION 7.4 & G8/AS1.
-ALL DOWNLIGHTS MUST BE CA RATED.
-MINIMUM OF 20 LUX LIGHTING MUST BE PROVIDED TO ALL ACCESS ROUTES.

FIXINGS DURABILITY. EXCLUDING NAILS & SCREWS
SHELTERED: HOT DIPPED GALVANISED STEEL
EXPOSED: TYPE 304 STAINLESS STEEL. EXCEPT FOR FABRICATED BRACKETS OF 5mm MINIMUM THICKNESS MILD STEEL AND SHALL BE HOT DIPPED GALVANISED.

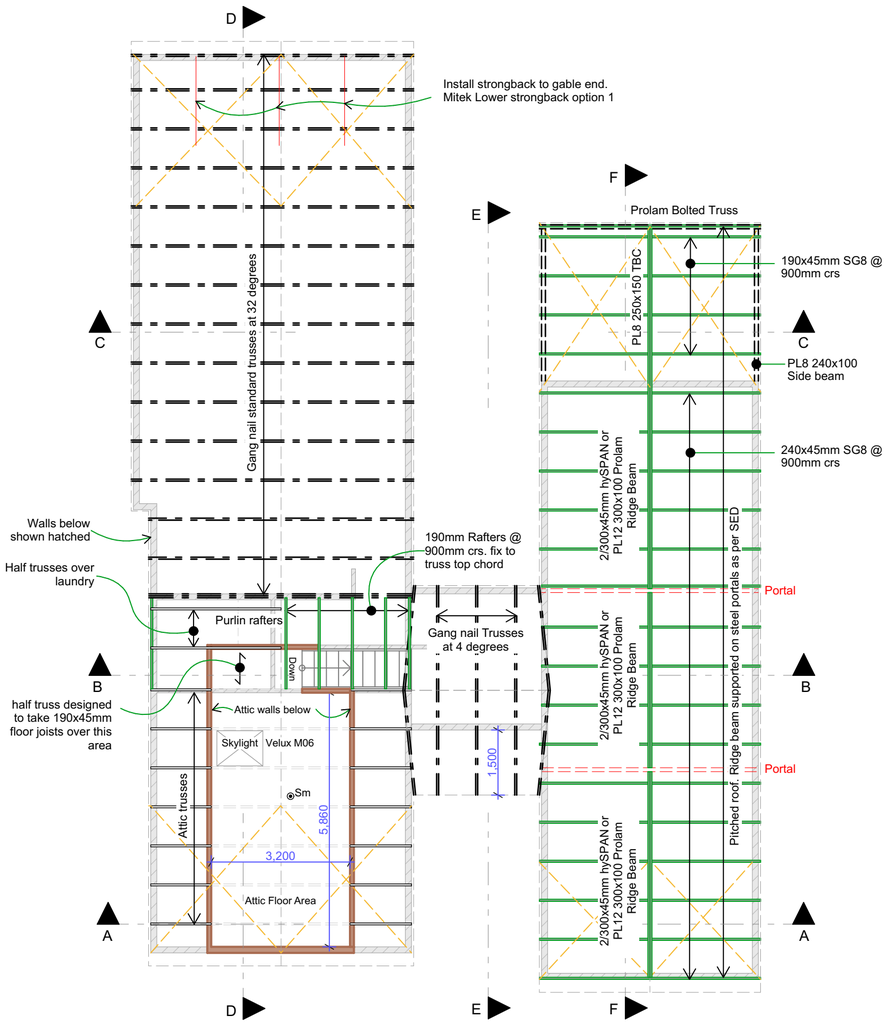
INTERNAL DOORS
INTERNAL DOORS 2200mm HIGH. TO MATCH EXTERNAL DOORS & WINDOWS.
EXCEPT GARAGE INTERNAL DOOR. STANDARD 1980mm HIGH DOOR LEAF.

BC ISSUE

MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Structural Layout	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 103

Check all dimensions on site. Do not scale off plans, if in doubt ask.

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KEY

- ROOF OUTLINE
- STANDARD RAFTER TRUSSES
- ATTIC TRUSSES
- RAFTERS FOR PITCHED ROOF
- LOAD BEARING WALLS BELOW

Sm Interconnected Smoke Alarms

ROOF FRAMING PLAN
SCALE 1:100

ROOF FIXING SCHEDULE:

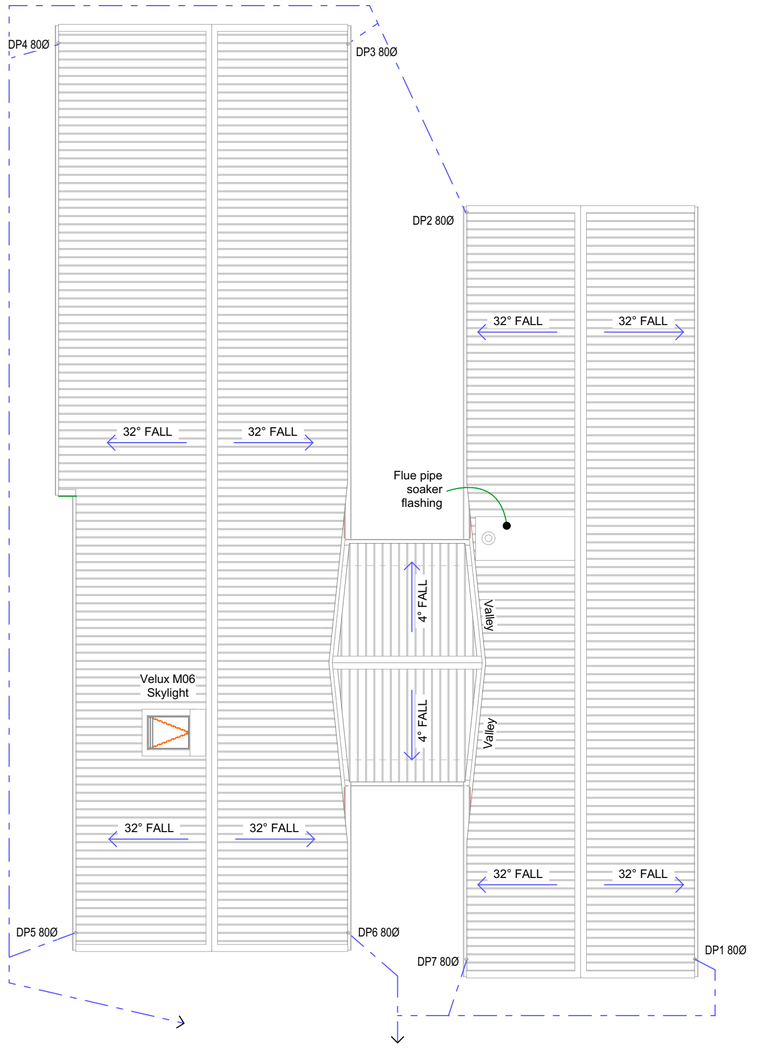
1. TRUSSES
STANDARD TRUSS TO TOP PLATES.
• FIX TRUSSES AS PER TRUSS MANUFACTURERS DESIGN

2. RAFTERS
RAFTERS FIXED TO TOP PLATE. 4.7kN FIXING
• 2/100 x 3.75 SKEWED NAILS +
2/CPC 40 LUMBERLOK CLEATS. ONE EACH SIDE OF RAFTER
FIX WITH 2 X TYPE 17-14G X 75mm SCREW INTO TOP PLATE &
2 X TYPE 17-14G X 35mm SCREW INTO RAFTER FOR EACH CLEAT.

RAFTERS FIXED TO RIDGE BEAM
• 2/100 x 3.75 SKEWED NAILS & A SINGLE CPC 80 CLEAT OR A PAIR OF CPC40's
CLEATS OR MULTIGRIPS
• FIX 25 x 1mm STRAP TO TOP OF OPPOSING RAFTERS WITH 6 / 30 X 25mm
PRODUCT NAILS INTO EACH RAFTERS. AS PER NZS3604 FIGURE 10.7

2. PURLINS
70x45mm PURLINS ON THEIR FLAT
•1 / 100mm x 14 GAUGE TYPE 17 PURLIN SCREW

3. EAVE OVERHANG
GABLE END VERGE
OVERHANG 75x50mm PURLINS TO FORM 300mm EAVES



DOWN PIPE SCHEDULE
DP sizing as per E1/AS1. Table 5

DP No.	Plan Area	Pitch.	DP Dia.
1	47m²	32°	80Ø min
2	31m²	32°	80Ø min
3	50m²	32°	80Ø min
4	38m²	32°	80Ø min
5	33m²	32°	80Ø min
6	24m²	32°	80Ø min
7	22m²	32°	80Ø min

ROOF PLAN
SCALE 1:100

ROOFING

5-RIB COLOURSTEEL ROOFING ON ROOFING UNDERLAY
ON 90x45mm PURLINS @ 600mm crs TO END SPAN &
900mm crs GENERALLY. SUPPORT MESH ON ROOFS
UNDER 10 DEGREES.
OVERHANG PURLINS TO FORM 300mm EAVES

ALL ROOFING, ROOF ACCESSORIES, MATERIALS AND
WORKMANSHIP TO COMPLY WITH NZBC E2 AND AS/NZS2179
CONTRACTOR TO CONFIRM ALL DIMENSIONS ON SITE

SW DISCHARGE PIPES:

	SIZE	GRADIENT (min.)
SW	100mm	1:120

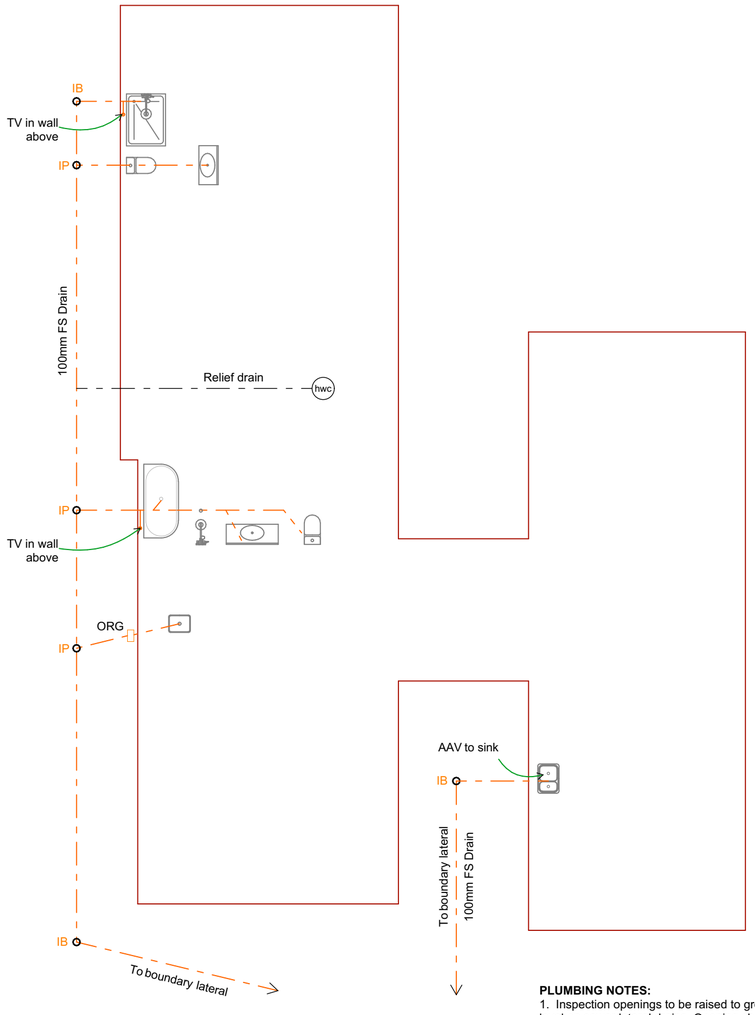
(Plumber to confirm)

BC ISSUE

MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Roof Framing Plan & Roof Plan	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 104

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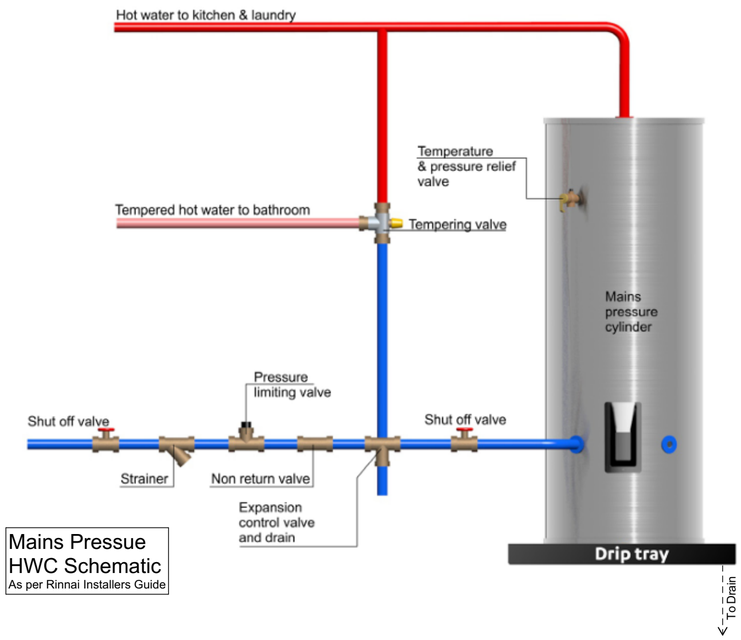


KEY

NEW FS DRAINS

PLUMBING PLAN
SCALE 1:100

Plumbing setup for a mains pressure cylinder



Mains Pressue
HWC Schematic
As per Rinnai Installers Guide

PLUMBING NOTES:
1. Inspection openings to be raised to ground level on sewer lateral drains. Opening shall be provided with airtight removable caps and protected by a suitable cover and surround it in such a manner that no traffic or structural loads can be transmitted to the drain
2. Tempering device to be installed between HWC and sanitary fixtures to ensure 50 degrees C max hot water supply.
3. Top of overflow relief gully to be no less than 100 mm above unpaved finished ground level.
4. Plumber to confirm suitability of plumbing layout indicated. As built plan to be presented to Inspector at time of inspection.
5. Outside taps, position to be confirmed with owner.
6. Water pipe.
- External Pipework: Polyethylene high density cross linked composite pipe
- Internal Pipework: Buteline - Polybutene pipe and thermoplastic fittings with pre-attached annealed aluminium clamp rings
- Pipe Insulation: Foam Polyethylene

UNDER SLAB DRAINAGE
- Upto 5 fixture units (not including WC)
  Minimum drain size 65mm with minimum grad 1:40
- Unto 12 fixture units (Including one WC)
  Minimum drain size 80mm with a minimum grad 1:60.
- Preferred under slab branch drain.
  100mm drains with minimum grad 1:60

DISCHARGE PIPES:
As per AS/NZ 3500.2

	SIZE	GRADIENT (min.)
b.	50mm	1:40
WC	100mm	1:60
t.	50mm	1:40
s.	50mm	1:40
sh.	50mm	1:40
hwc	19mm	1:20
TV	65mm (internal)	
DP	65mm	
SW	100mm	1:120
FS	100mm	1:60

(Plumber to confirm)

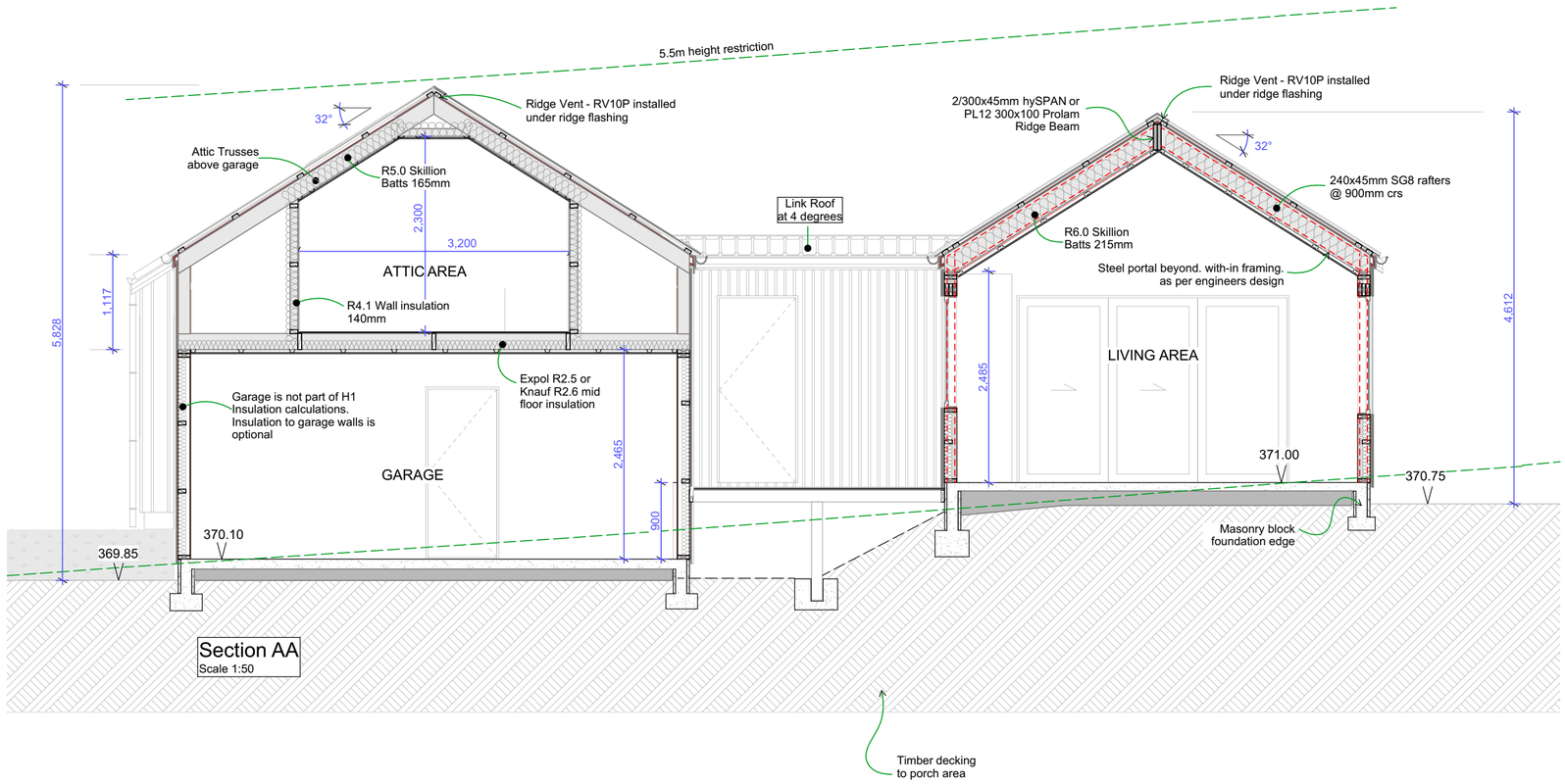
HOT WATER CYLINDER:
250 litre Mains Pressure to comply with H1/AS1 and NZS4305.
SEISMIC RESTRAINTS
3/25mm x 1mm thick tensioned straps fixed to wall framing with 8mm coach screw and 30mm x 2mm washers. Also use 50 x 50mm full height timber blocking.
Install safe tray under HWC

BC ISSUE

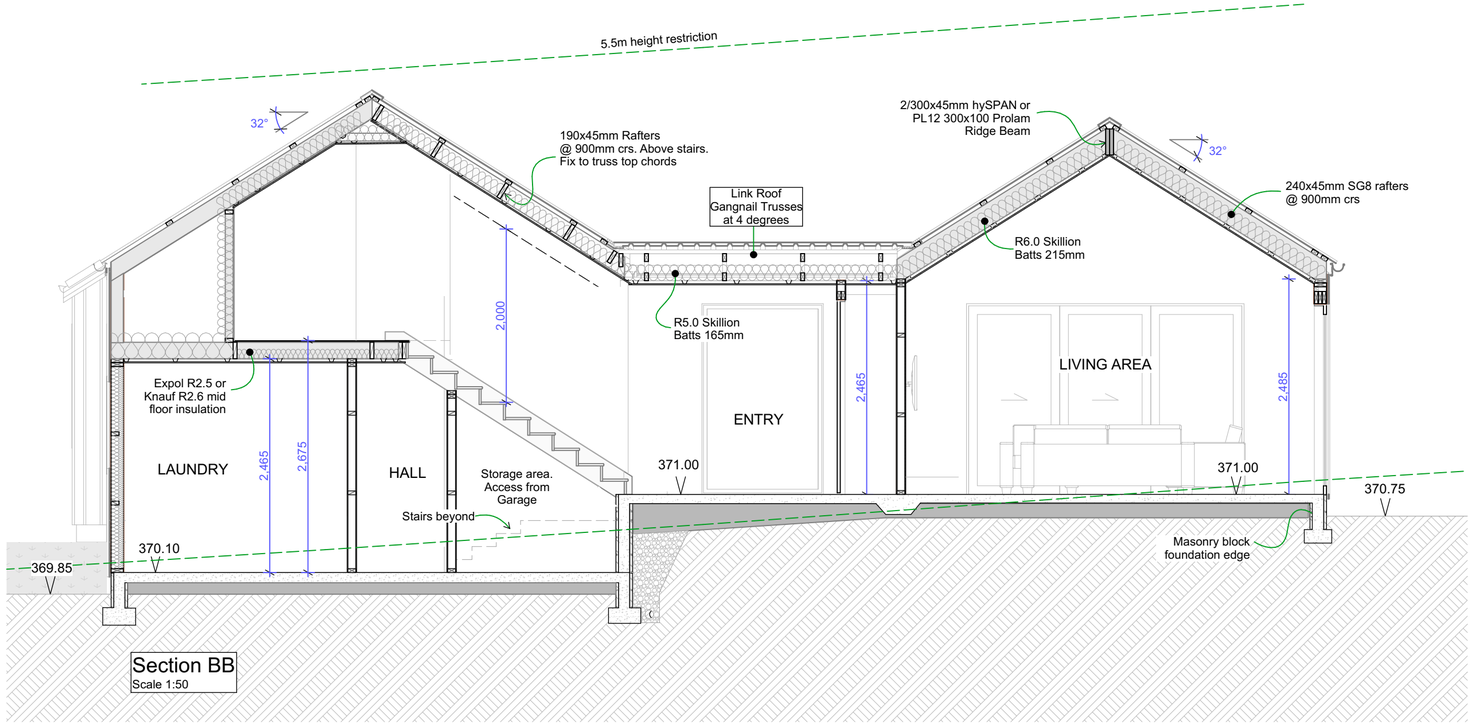
MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Plumbing Plan	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 105

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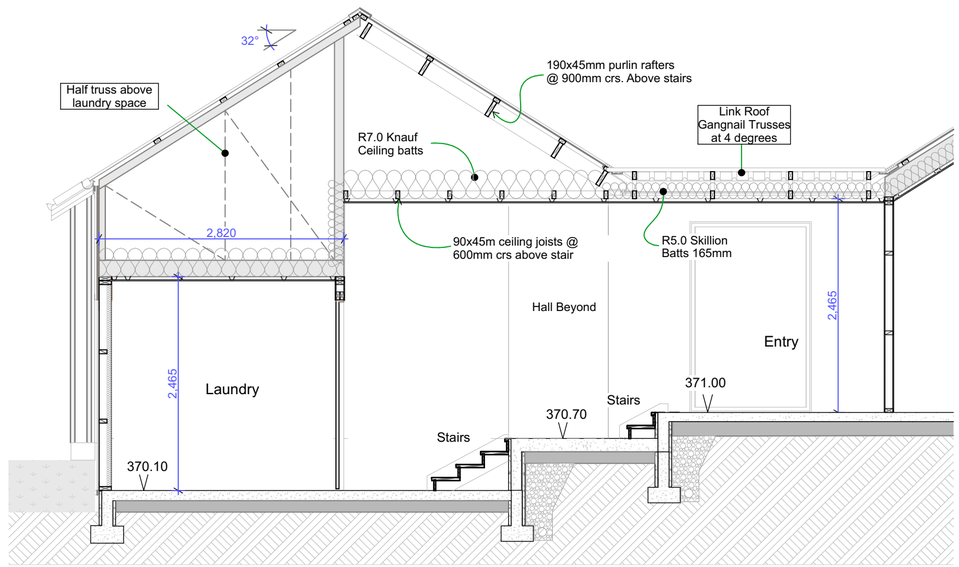
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Section AA
Scale 1:50



Section BB
Scale 1:50



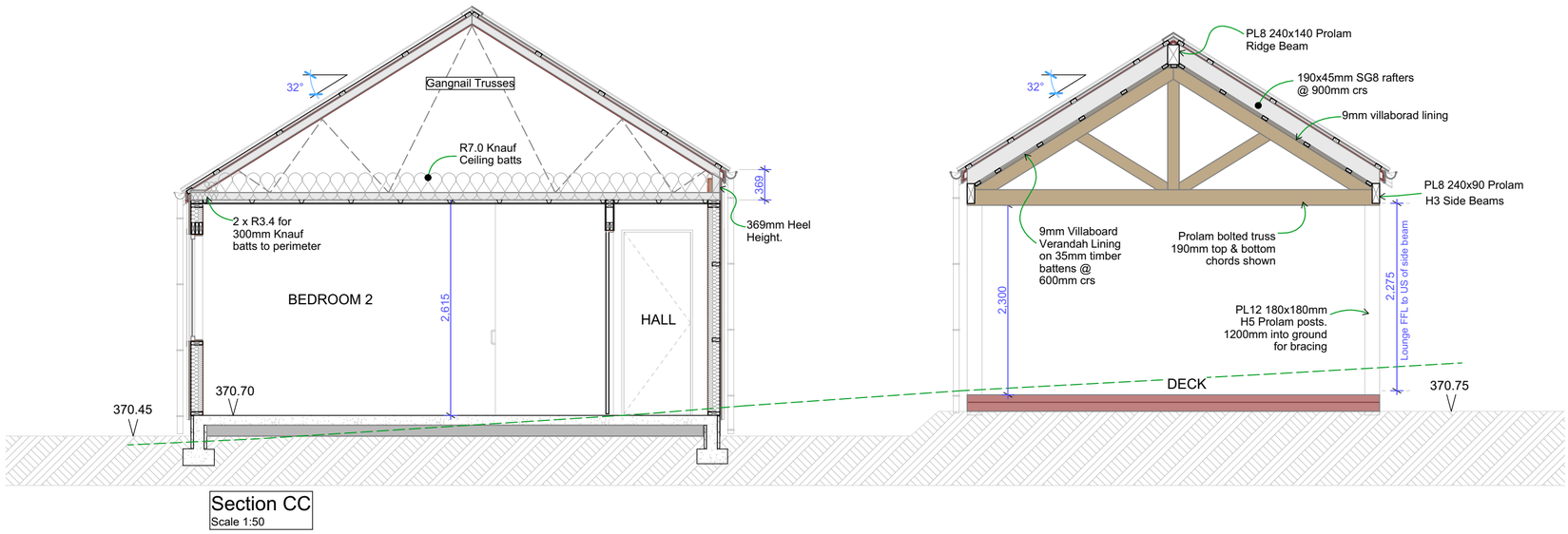
Section BB+ At Stairs
Scale 1:50

BC ISSUE

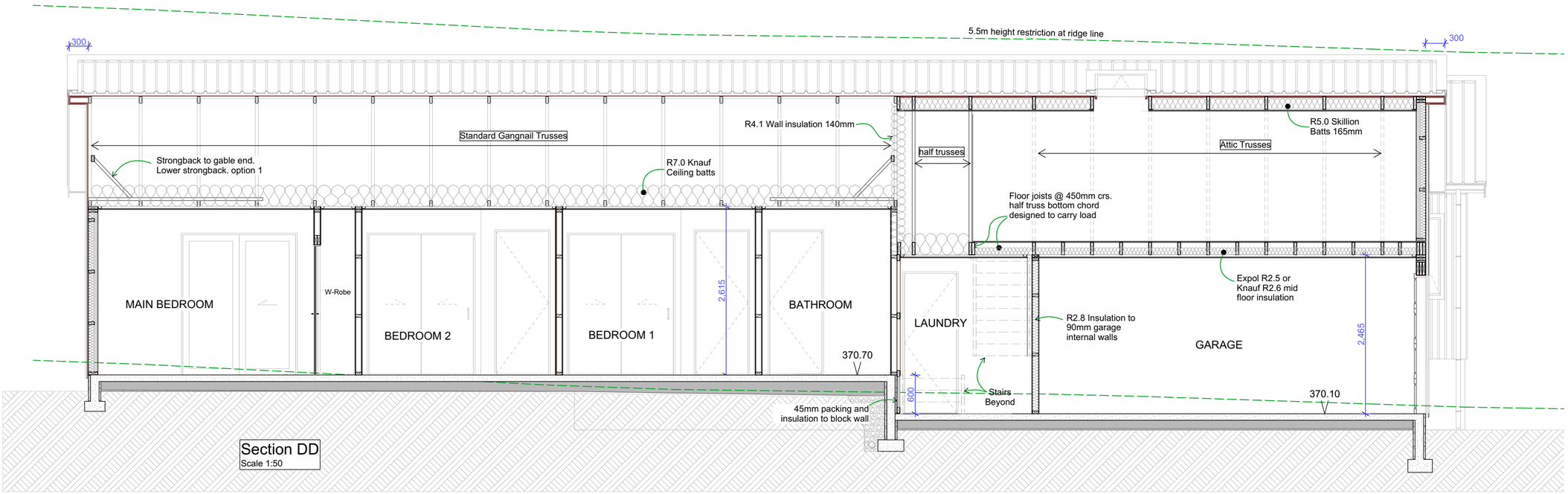
MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Sections	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 201

Check all dimensions on site. Do not scale off plans, if in doubt ask.

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Section CC
Scale 1:50



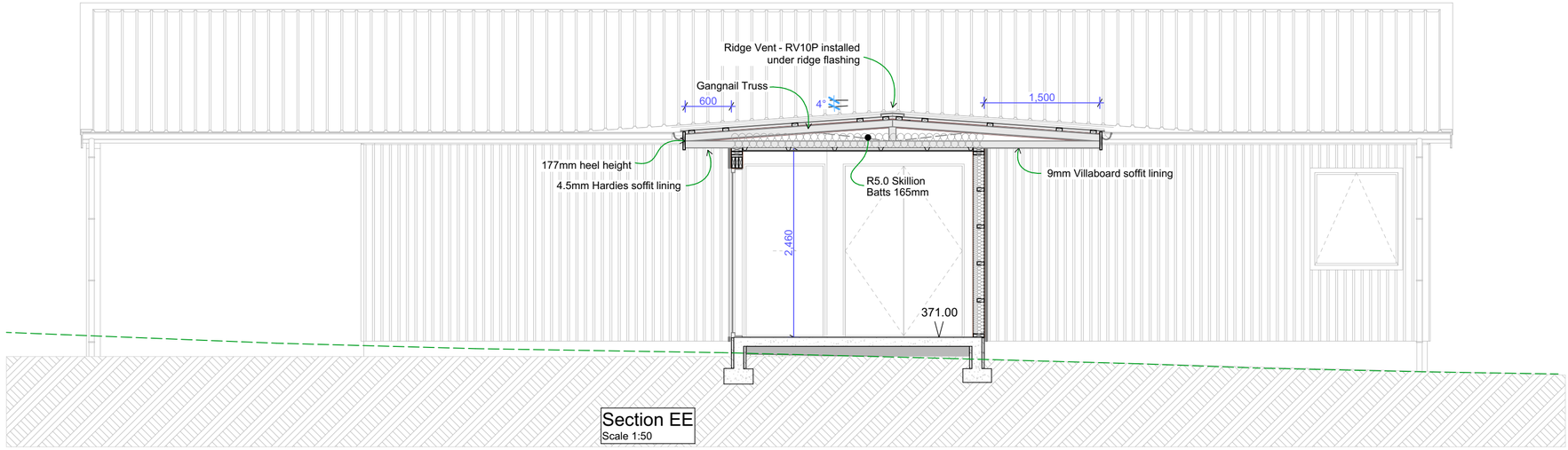
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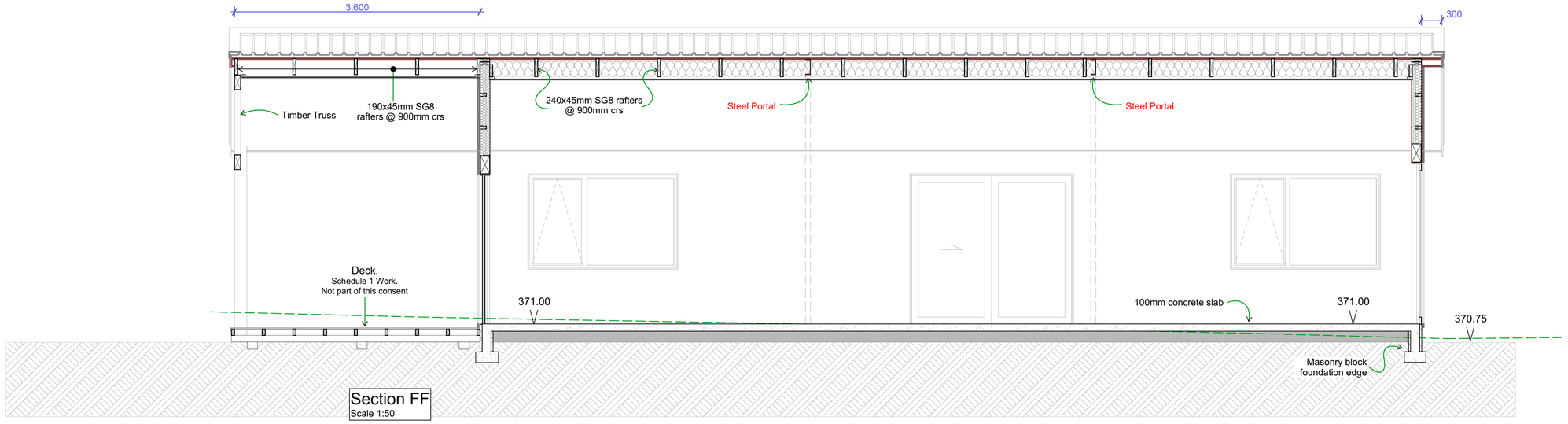
MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Sections	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 202

Check all dimensions on site. Do not scale off plans, if in doubt ask.

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Section EE
Scale 1:50



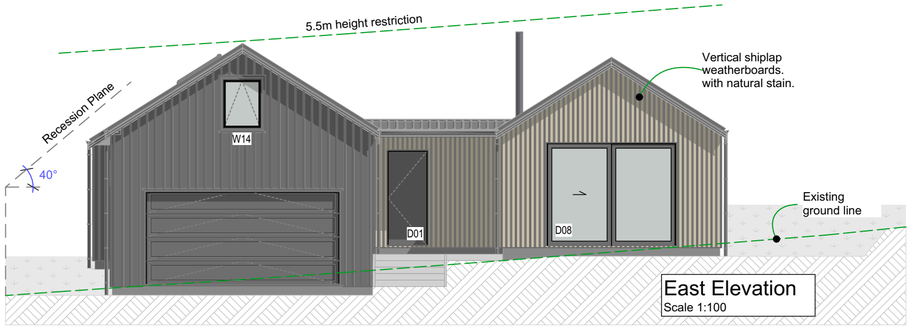
Section FF
Scale 1:50

BC ISSUE

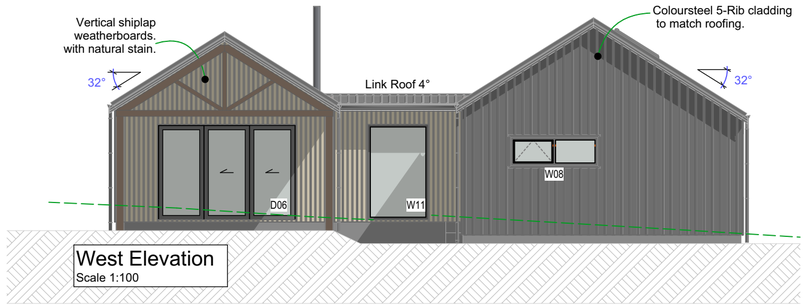
MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Sections	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 203

Check all dimensions on site. Do not scale off plans, if in doubt ask.

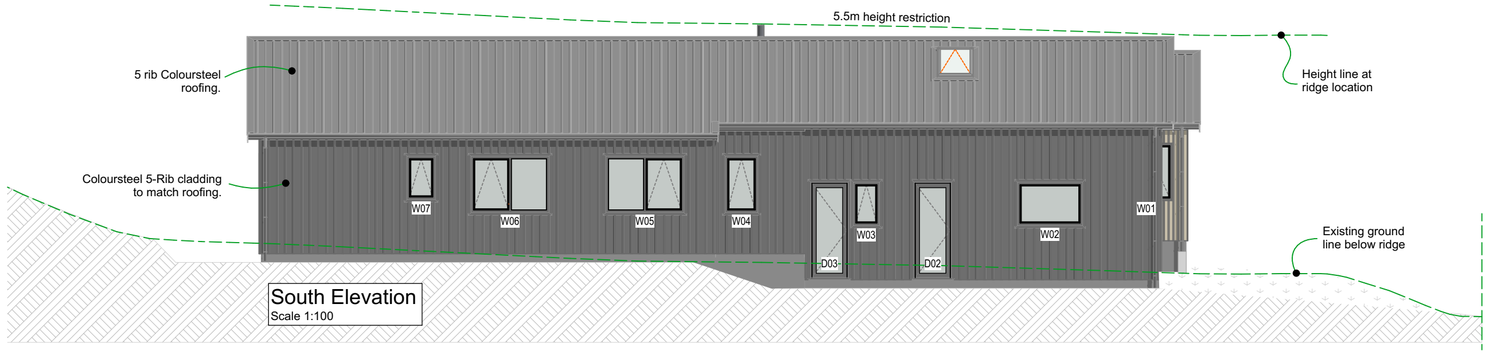
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Risk Factor	Description	Risk	Score
Wind Zone	Very High	H	2
Number of Storeys	Partly 2-Storey	M	1
Roof/Wall Intersection Design	Fully protected (e.g. hip and gable roof with eaves)	L	0
Eaves Width	100mm - 450mm wide	VH	5
Envelope Complexity	Moderately complex shape with no more than 2 cladding types.	M	1
Deck Design	None	L	0
		Total Score: 9	



Risk Factor	Description	Risk	Score
Wind Zone	Very High	H	2
Number of Storeys	Single Storey	L	0
Roof/Wall Intersection Design	Fully protected (e.g. hip and gable roof with eaves)	L	0
Eaves Width	100mm - 450mm wide	H	2
Envelope Complexity	Moderately complex shape with no more than 2 cladding types.	M	1
Deck Design	None	L	0
		Total Score: 5	



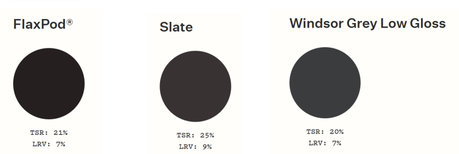
Risk Factor	Description	Risk	Score
Wind Zone	Very High	H	2
Number of Storeys	Partly 2-Storey	M	1
Roof/Wall Intersection Design	Partly exposed (e.g. hip and gable roof with no eaves)	M	1
Eaves Width	0-100mm wide	VH	5
Envelope Complexity	Simple rectangular with single cladding type.	L	0
Deck Design	None	L	0
		Total Score: 9	



Risk Factor	Description	Risk	Score
Wind Zone	Very High	H	2
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	Simple rectangular with single cladding type.	L	0
Deck Design	None	L	0
		Total Score: 8	

COLOURS
-Roof: Coloursteel Flaxpod or Slate or Windsor Grey Low Gloss
-Joinery: To match roof colour
-Timber Weatherboard Cladding. Cedar species with natural oil stain.
-Coloursteel Cladding: Coloursteel Flaxpod or Slate or Windsor Grey Low Gloss

Coloursteel



BC ISSUE

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Ph: 027 2070157

WILSON & THOMPSON RESIDENCE
11 Carrickmore Cres, Wanaka

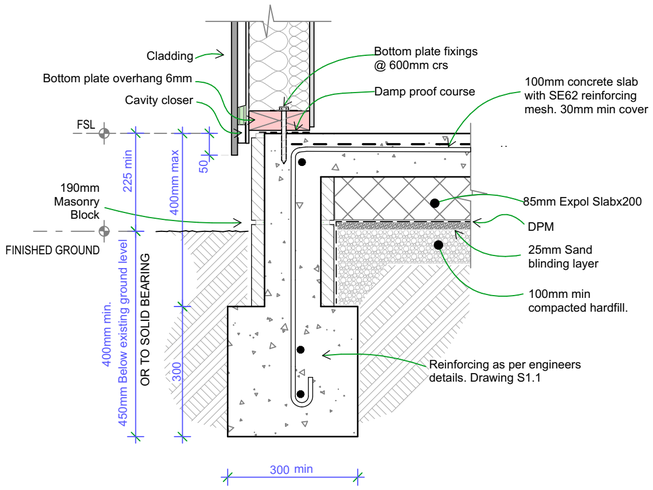
Elevations

DRAWN:	RICH V
DATE:	NOV 2026
SCALE:	AS SHOWN @ A3

DRAWING NO 301

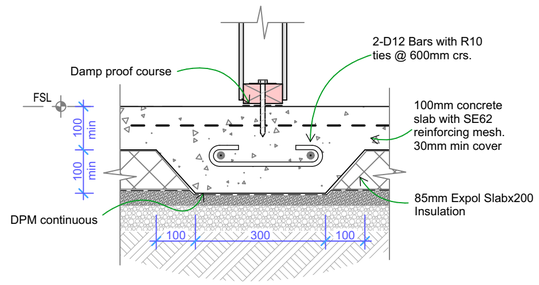
Check all dimensions on site. Do not scale off plans, if in doubt ask.

C:¥Clients¥Wilson¥Wilson BC Issue.pln 04/11/2026

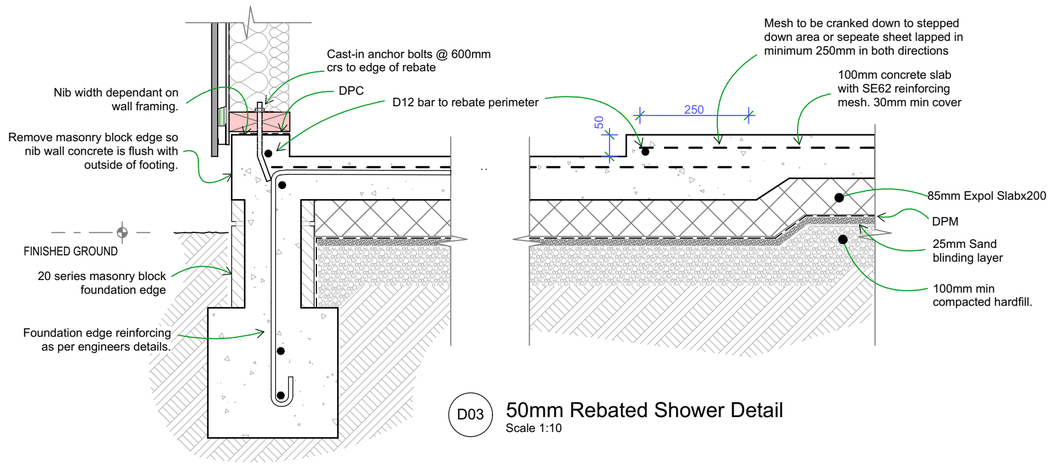


D01 **Typical Foundation Edge Detail**
Scale 1:10

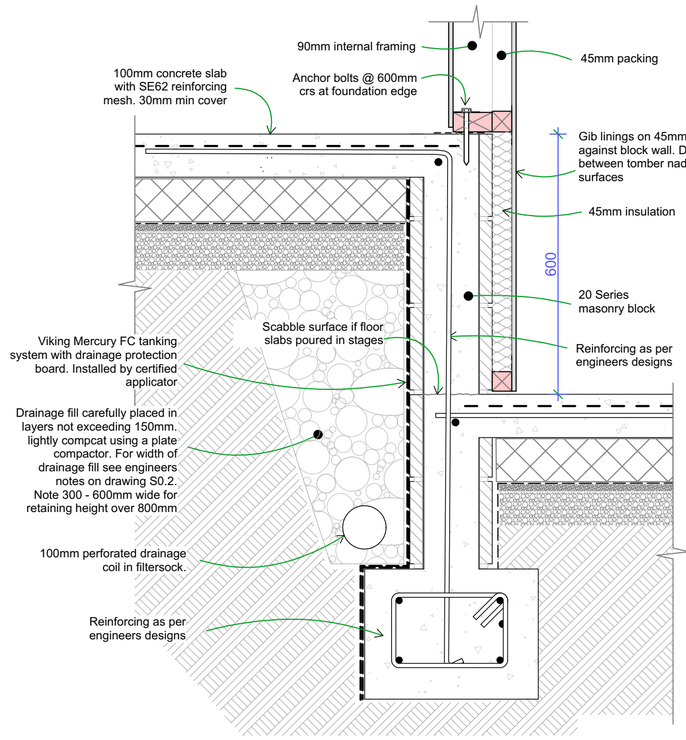
Minimum external cover to reinforcing.
Against Ground. 75mm
Against formwork 50mm
top cover to mesh 30mm



D02 **Slab Thickening Below Internal Load Bearing Walls**
Scale 1:10



D03 **50mm Rebated Shower Detail**
Scale 1:10



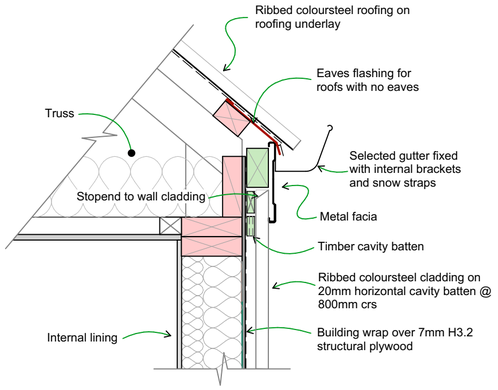
D04 **Internal Step in Floor Level**
Scale 1:10

BC ISSUE

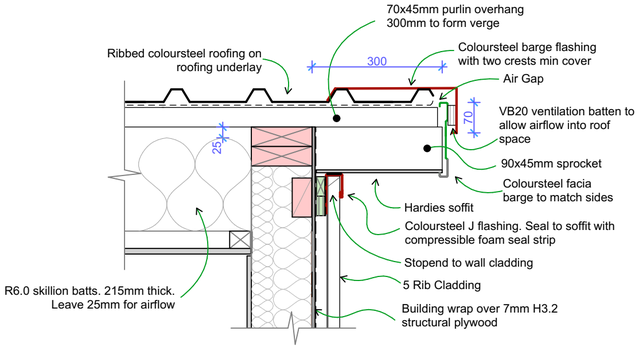
MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Foundation Details	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 401

Check all dimensions on site. Do not scale off plans, if in doubt ask.

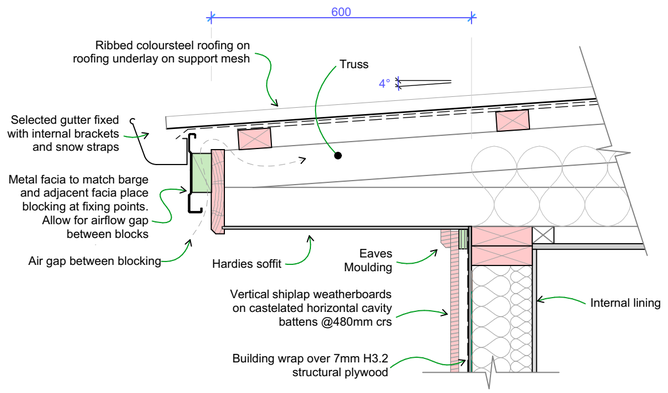
C:¥Clients¥Wilson¥Wilson BC Issue.pln 04/11/2026



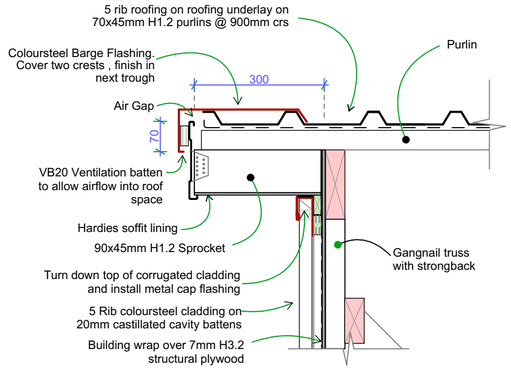
D05 **Roof - Eave Detail. Ribbed Coloursteel**
Scale 1:10



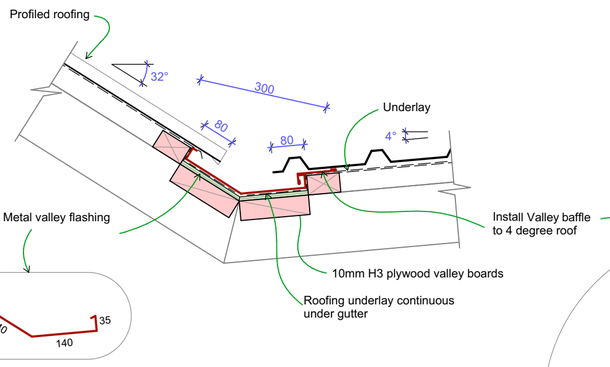
D06 **Verge Detail. Skillion Roof**
Scale 1:10



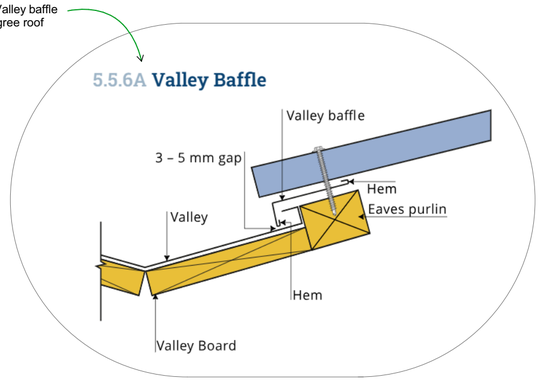
D07 **Roof - Eave Detail. Ribbed Coloursteel**
Scale 1:10

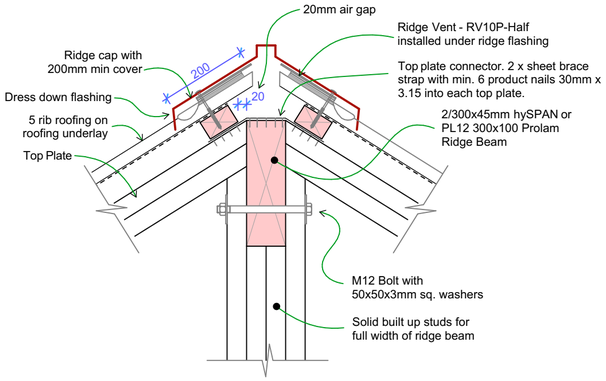


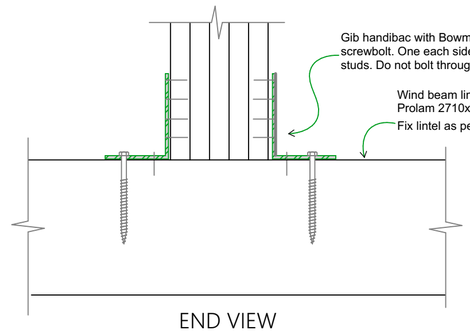
D08 **Roof - Verge Detail @ Truss Gable End**
Scale 1:10



D09 **Roof - Valley Gutter Detail**
Scale 1:10







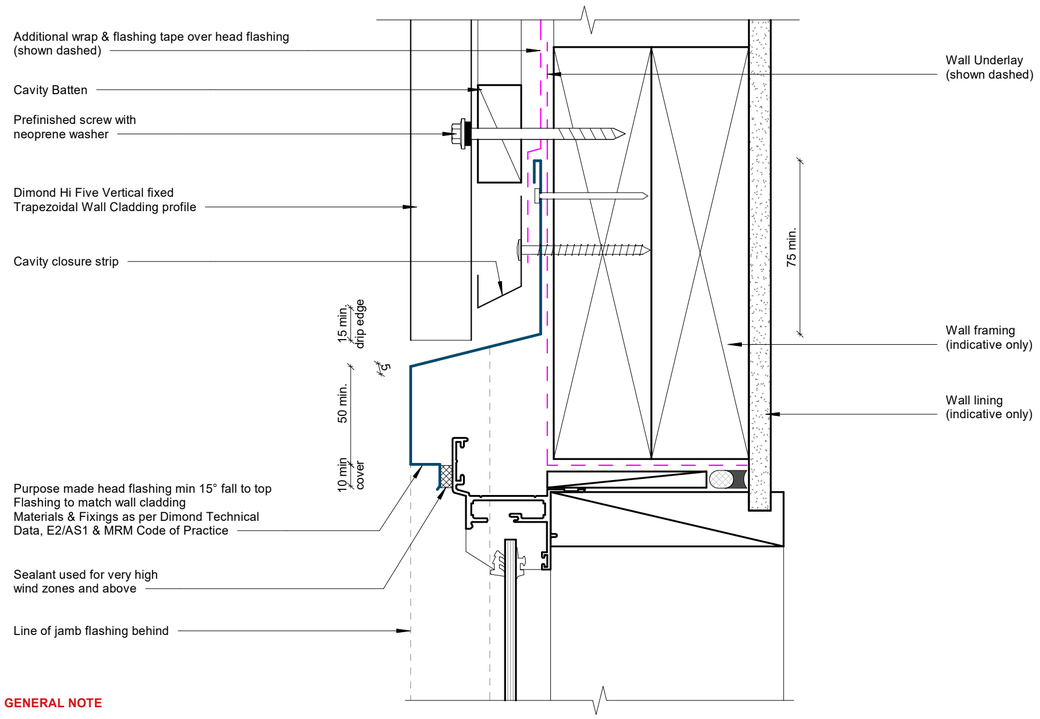
D10 **Ridge Beam Connection @ External Gable Wall**
Scale 1:10

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Check all dimensions on site. Do not scale off plans, if in doubt ask.

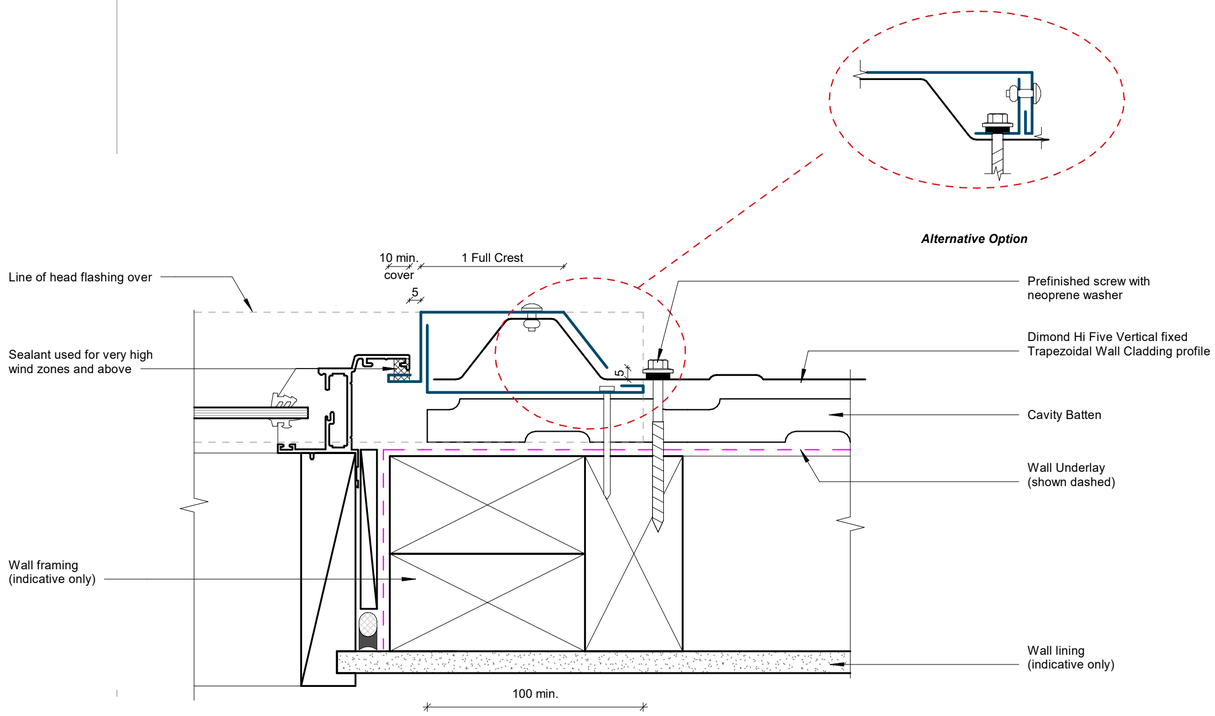
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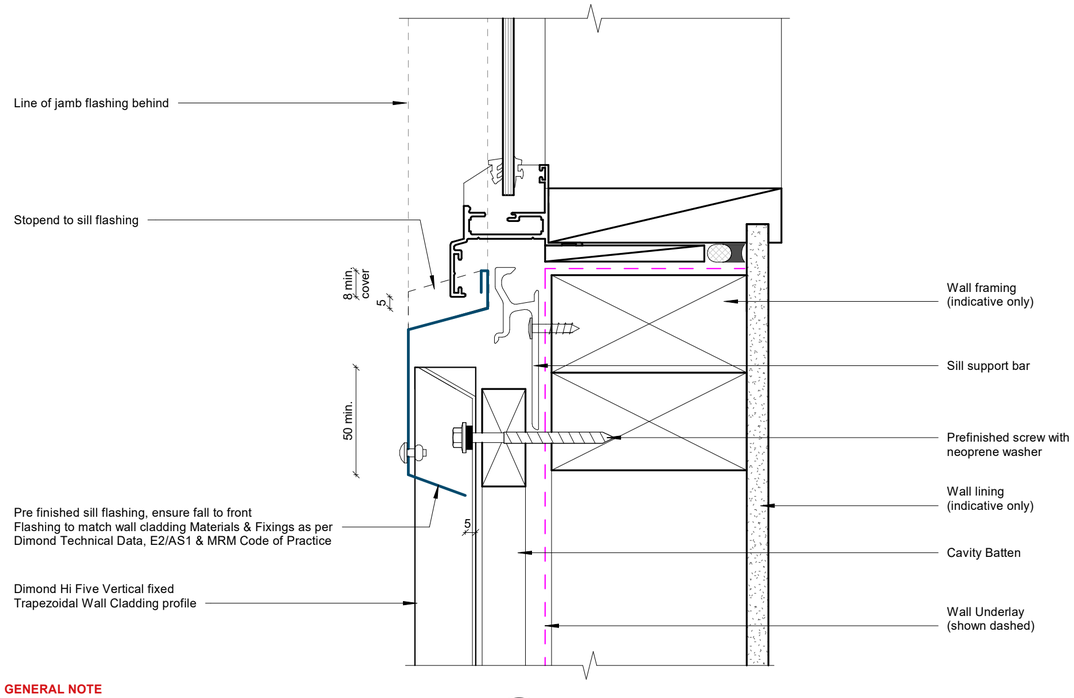
GENERAL NOTE

Cavity battens or timber framing that contain copper must be seperated from steel cladding by a strip of wall or roof underlay or DPC.

D11 **Window Head Detail**
As per Diamond Roofing Construction Drawings



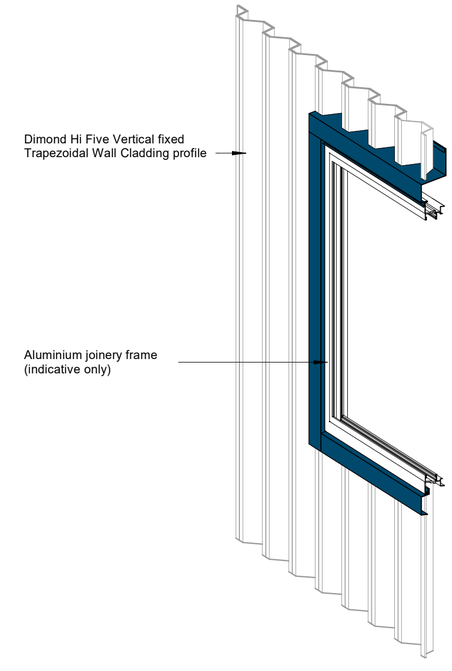
D13 **Window Jamb Detail**
As per Diamond Roofing Construction Drawings



GENERAL NOTE

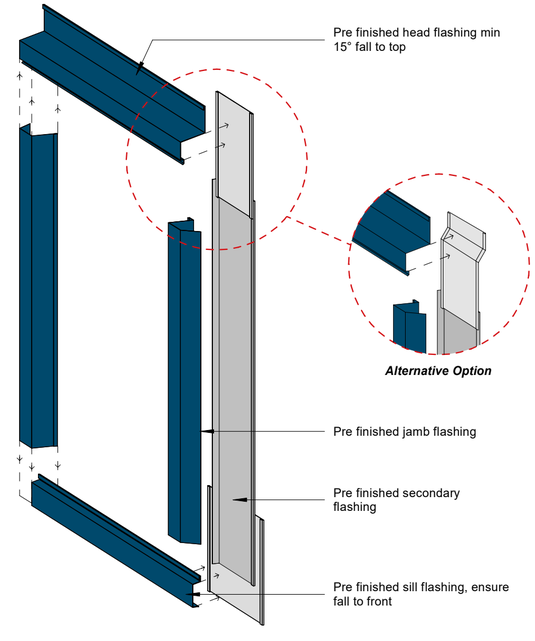
Cavity battens or timber framing that contain copper must be seperated from steel cladding by a strip of wall or roof underlay or DPC.

D12 **Window Sill Detail**
As per Diamond Roofing Construction Drawings



GENERAL NOTE

Cavity battens or timber framing that contain copper must be seperated from steel cladding by a strip of wall or roof underlay or DPC.



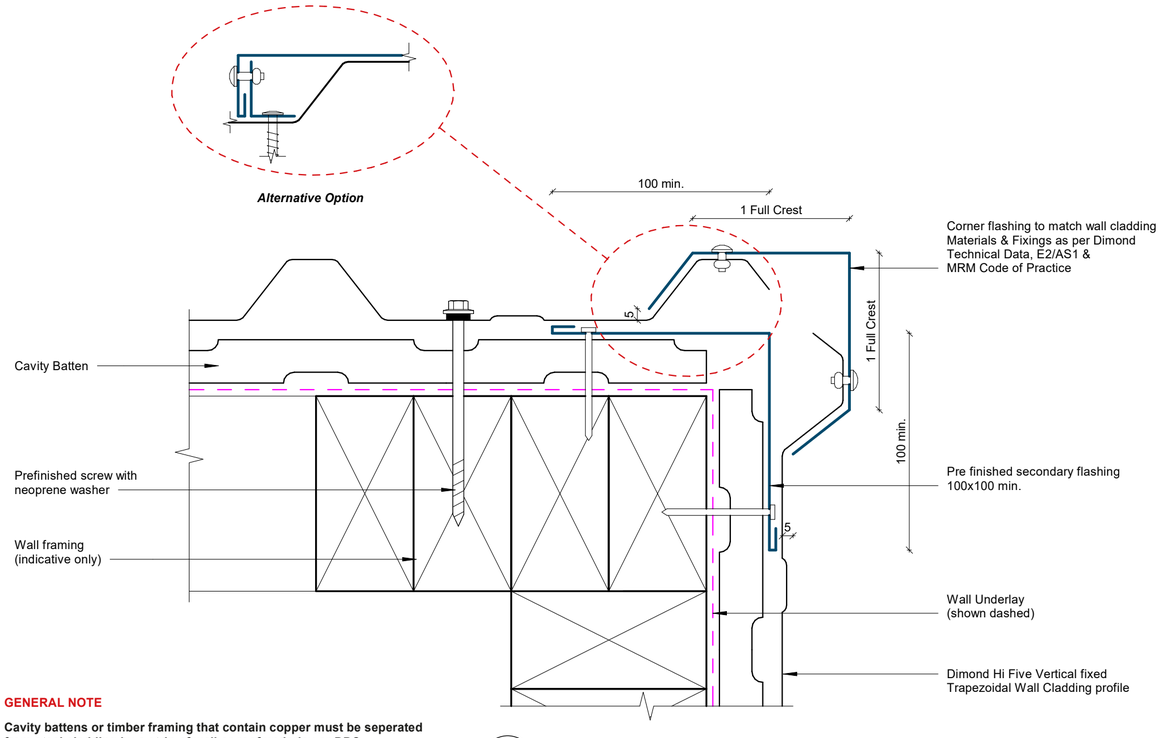
D14 **3D Window Flashing Detail**
As per Diamond Roofing Construction Drawings

BC ISSUE

MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Metal Cladding Details	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 403

Check all dimensions on site. Do not scale off plans, if in doubt ask.

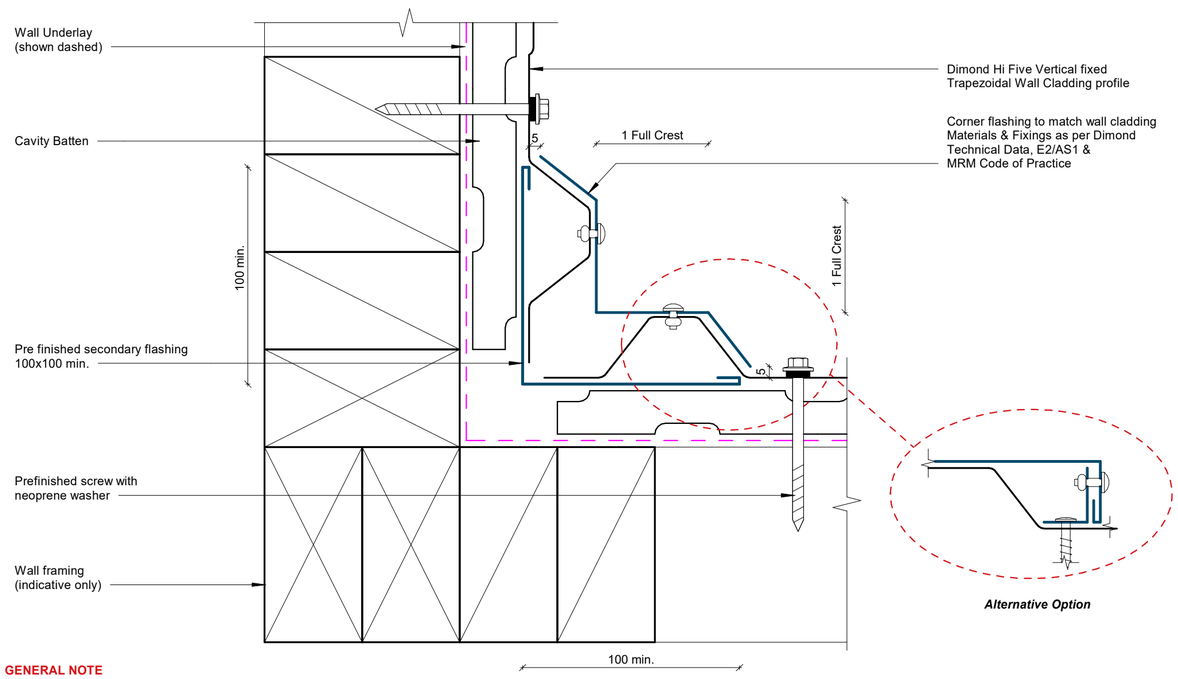
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GENERAL NOTE

Cavity battens or timber framing that contain copper must be seperated from steel cladding by a strip of wall or roof underlay or DPC.

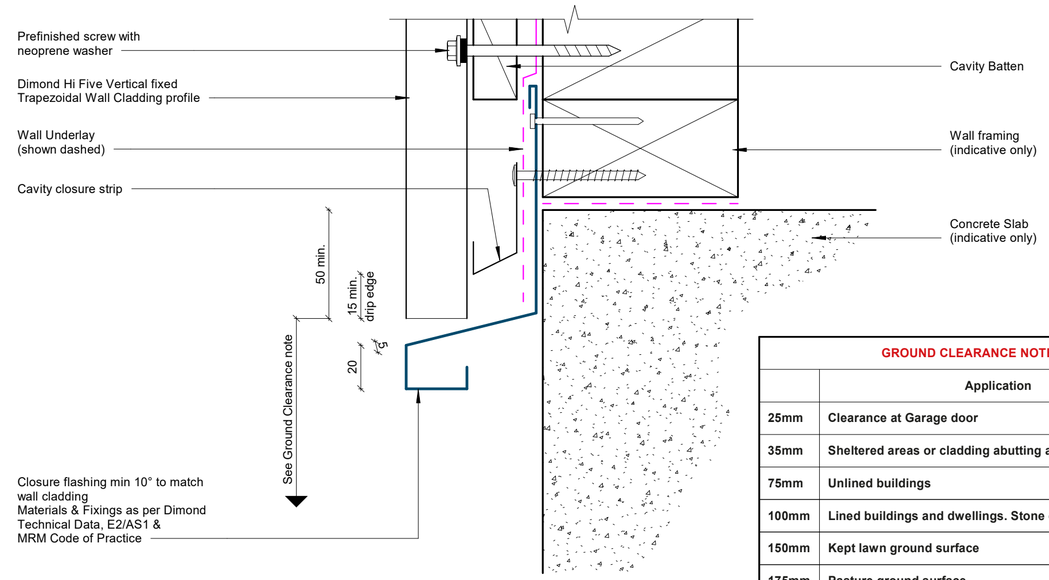
D15 **External Corner Detail**
As per Diamond Roofing Construction Drawings



GENERAL NOTE

Cavity battens or timber framing that contain copper must be seperated from steel cladding by a strip of wall or roof underlay or DPC.

D16 **Internal Corner Detail**
As per Diamond Roofing Construction Drawings



GROUND CLEARANCE NOTE	
	Application
25mm	**Clearance at Garage door**
35mm	**Sheltered areas or cladding abutting a deck**
75mm	**Unlined buildings**
100mm	**Lined buildings and dwellings. Stone chip ground surface**
150mm	**Kept lawn ground surface**
175mm	**Pasture ground surface**

GENERAL NOTE

Cavity battens or timber framing that contain copper must be seperated from steel cladding by a strip of wall or roof underlay or DPC.

D17 **Base Detail**
As per Diamond Roofing Construction Drawings

BC ISSUE

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E-mail: rich@hotmail.co.nz
Ph: 027 2070157

WILSON & THOMPSON RESIDENCE
11 Carrickmore Cres, Wanaka

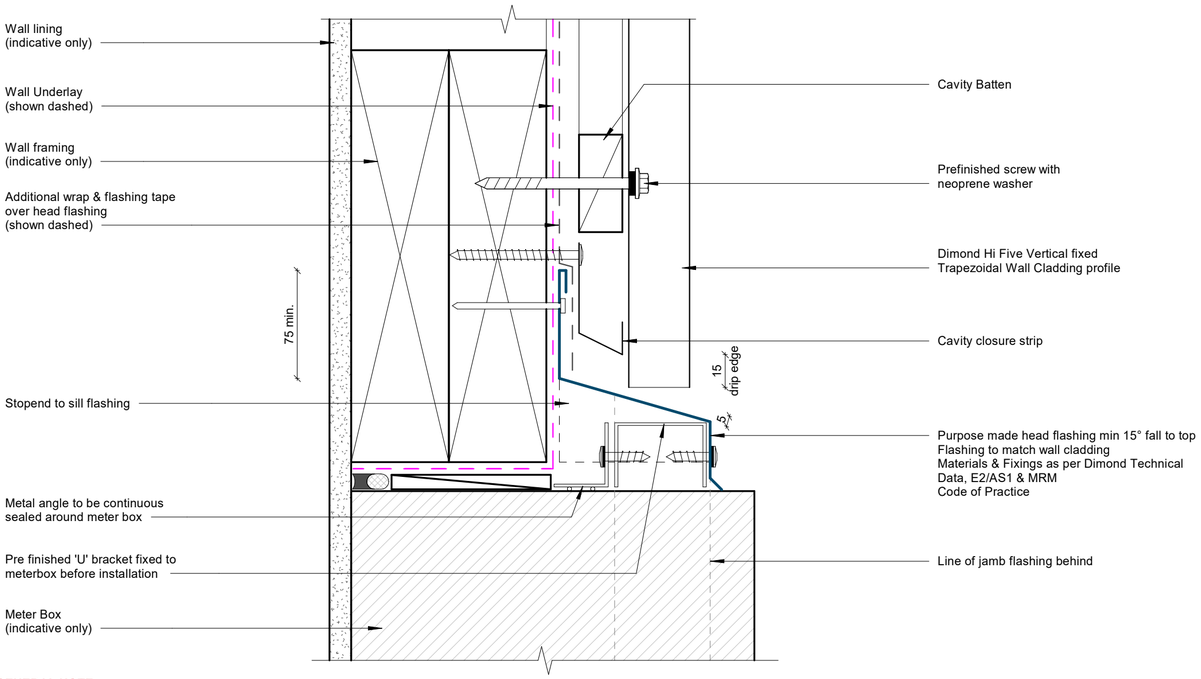
Metal Cladding Details

DRAWN:	RICH V
DATE:	NOV 2026
SCALE:	AS SHOWN @ A3

DRAWING NO 404

Check all dimensions on site. Do not scale off plans, if in doubt ask.

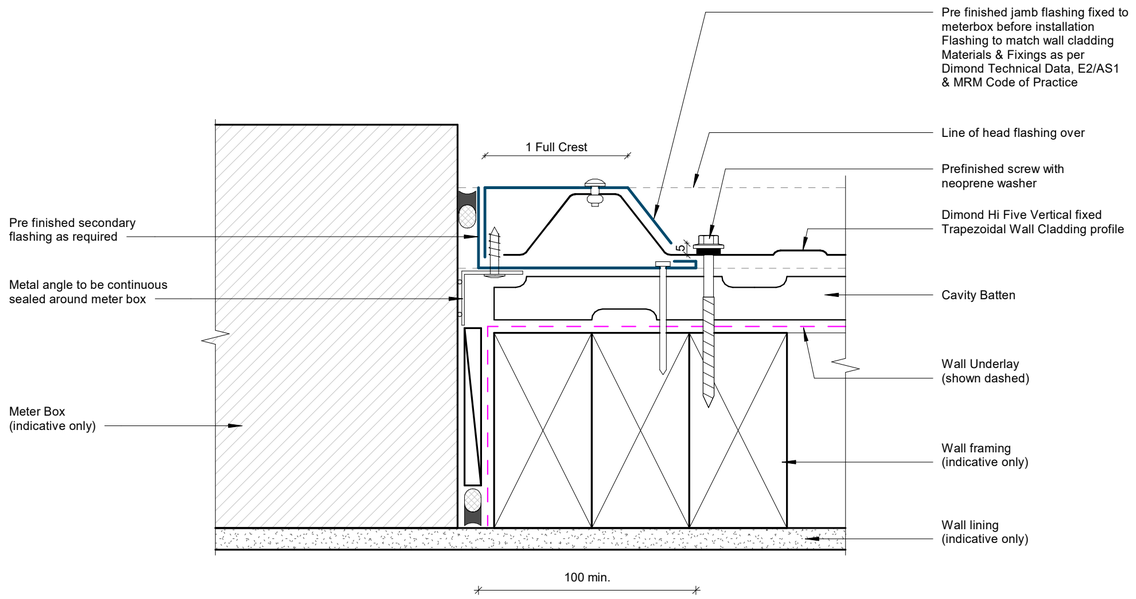
C:¥Clients¥Wilson¥Wilson BC Issue.pln 04/11/2026



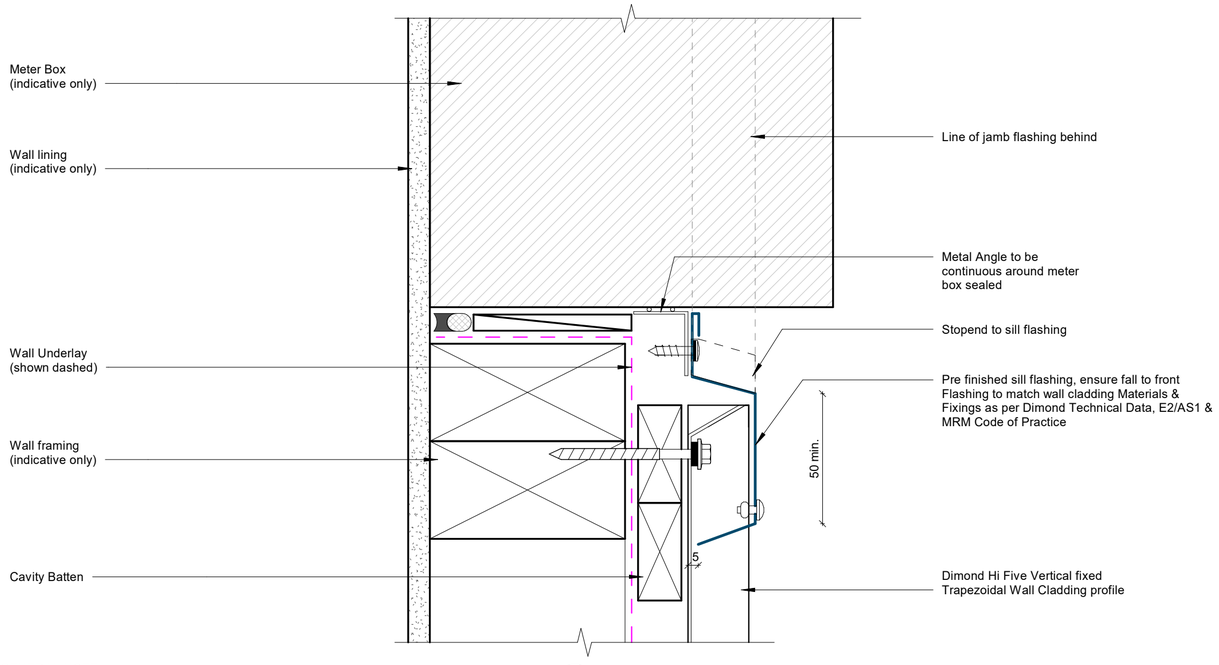
GENERAL NOTE

Cavity battens or timber framing that contain copper must be seperated from steel cladding by a strip of wall or roof underlay or DPC.

D18 **Meter Box Detail**
As per Diamond Roofing Construction Drawings



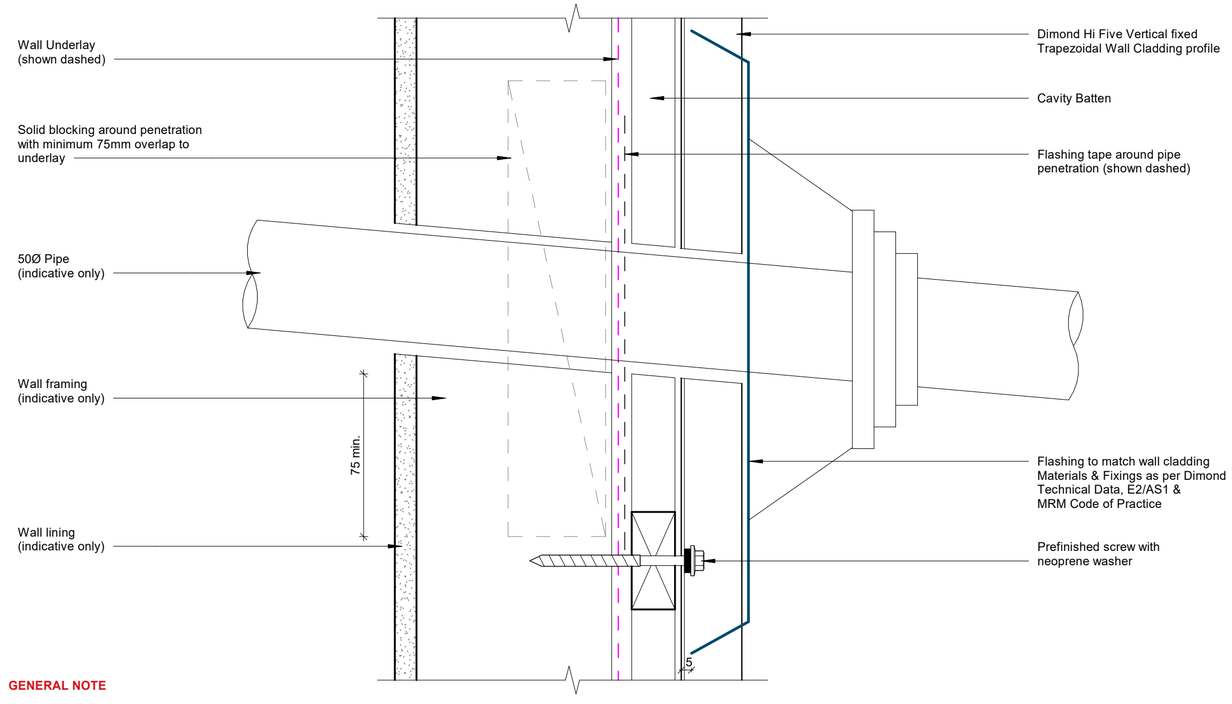
D20 **Meter Box Jamb Detail**
As per Diamond Roofing Construction Drawings



GENERAL NOTE

Cavity battens or timber framing that contain copper must be seperated from steel cladding by a strip of wall or roof underlay or DPC.

D19 **Meter Box Sill Detail**
As per Diamond Roofing Construction Drawings



GENERAL NOTE

Cavity battens or timber framing that contain copper must be seperated from steel cladding by a strip of wall or roof underlay or DPC.

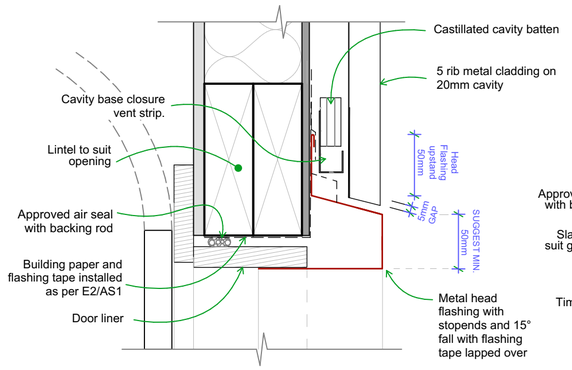
D21 **Pipe Penetration Detail**
As per Diamond Roofing Construction Drawings

BC ISSUE

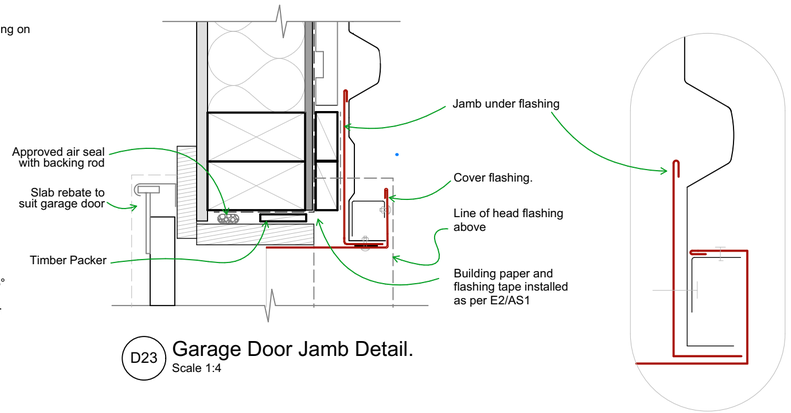
MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Metal Cladding Detail	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 405

Check all dimensions on site. Do not scale off plans, if in doubt ask.

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D22 Garage Door Head Detail.
Scale 1:4



D23 Garage Door Jamb Detail.
Scale 1:4

Figure 65: **Levels and garage openings**
Paragraphs 9.1.3, 9.1.3.4, 9.2.5, Table 18

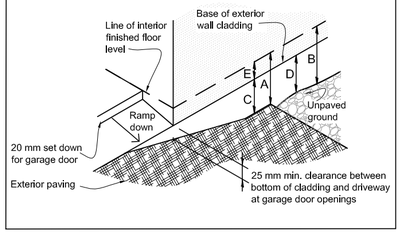
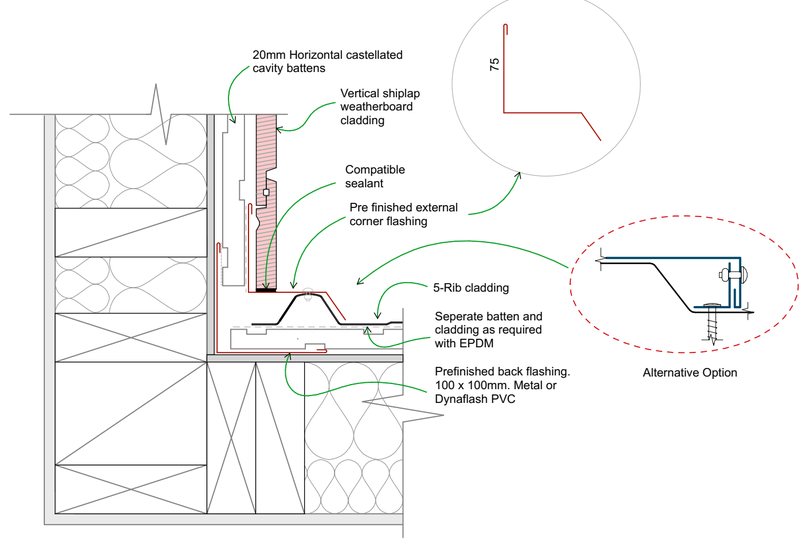


Table 18: **Minimum clearances**
Paragraphs 9.1.3, 9.1.3.1, 9.1.3.2, 9.1.3.3, 9.1.3.4, 9.1.3.5 and 9.2.7

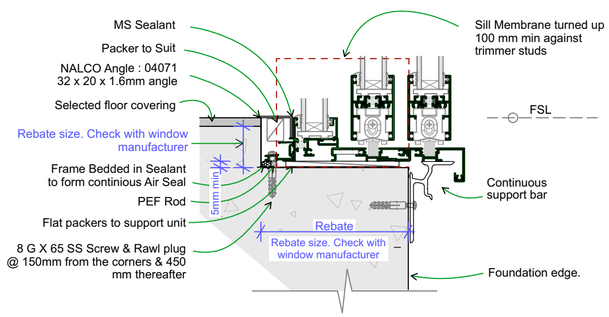
Minimum clearances (mm)	Masonry veneer		Other claddings				
	A	B	A	B	C	D	E
Concrete slab	100	150	150	225	100	175	50
Timber floor Refer Note 1)					100	175	50 2)

NOTE: 1) Refer to NZS 3604 for requirements.
2) Cladding to extend minimum 50 mm below bearer or lowest part of timber floor framing.

D24 Garage Opening Ground Clearances
As per E2/AS1



D25 Timber Weatherboard / Metal Cladding Internal Corner Junction
Scale 1:4



SILL DETAIL - REBATED CONCRETE

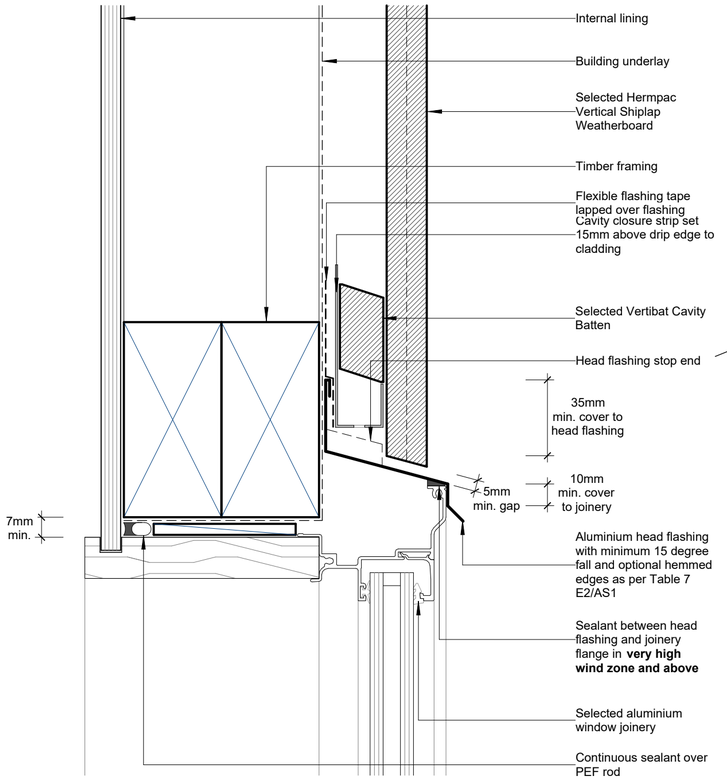
D26 Stacker Door Sill Detail.
Scale 1:4

BC ISSUE

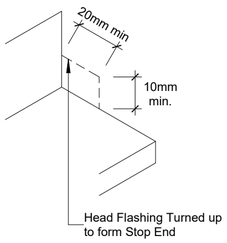
MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Other Cladding Details	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 406

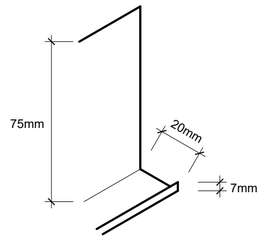
Check all dimensions on site. Do not scale off plans, if in doubt ask.

C:₩Clients₩Wilson₩Wilson BC Issue.pln 04/11/2026

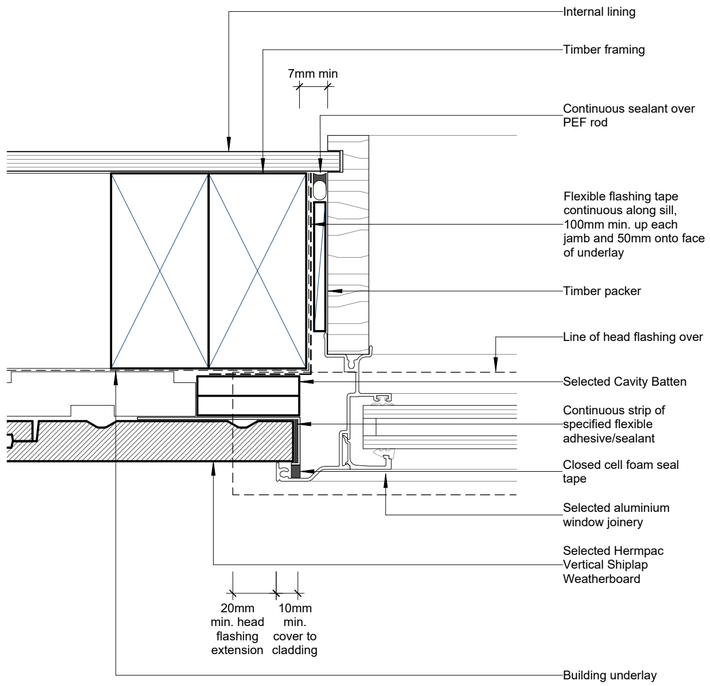


D27 **Window Head Detail**
As per Hermpac Construction Drawings

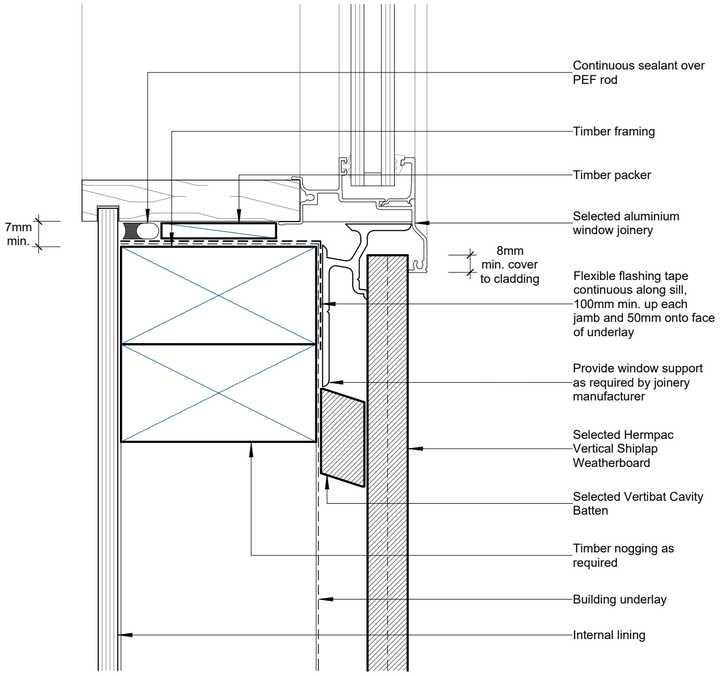




Hermpac J Mould flashing

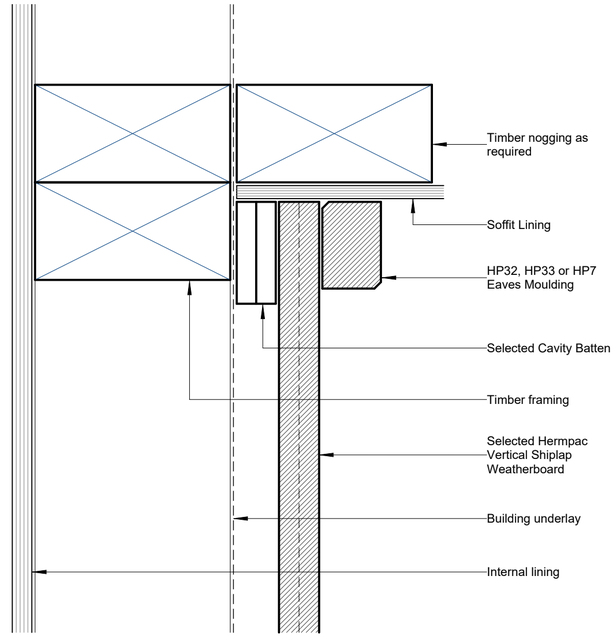


D29 **Window Jamb Detail**
As per Hermpac Construction Drawings

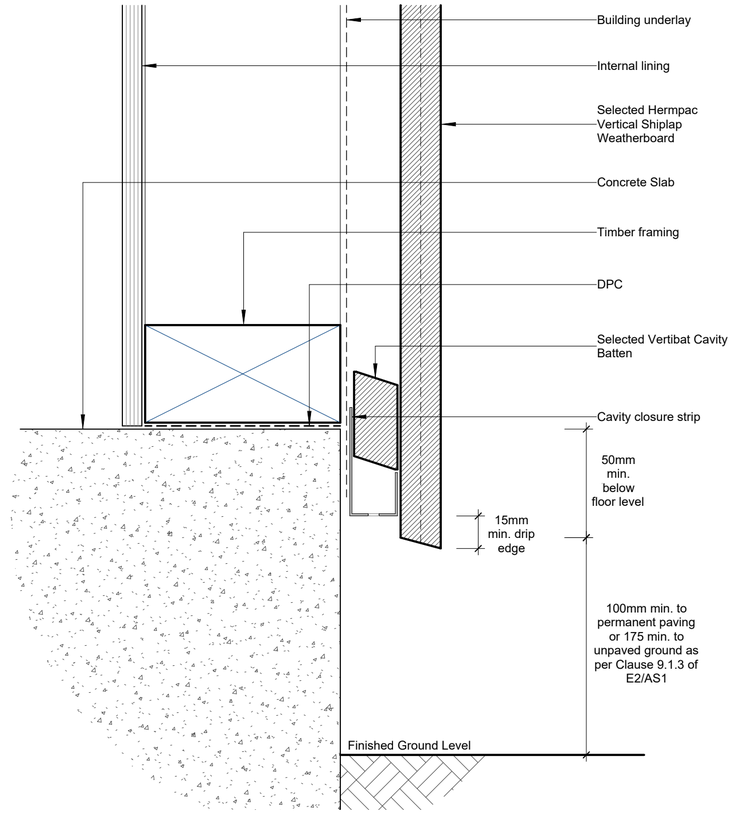


D28 **Window Sill Detail**
As per Hermpac Construction Drawings

NOTES:
- All weatherboard fixings pre-drilled maximum 1mm diameter smaller than the nail/screw gauge.
- All Hermpac timber products, cut ends and edges to be precoated as per Installation Specifications.
- All materials and fixtures are to comply with E2/AS1 Clause 2.2.
- For non-hemmed corner flashings, ensure a minimum 75mm cover to weatherboards beyond the point where BRANZ Bulletin 411 compliant weatherboard lap or rebate combinations terminate at the corner junction.
- In Extra High Wind Zone and above, the 75mm cover requirement remains and hemmed edges must also be used.
- Refer to NZBC Acceptable Solution E2/AS1 Table 21 for the separation requirements between CCA treated battens and metal flashings.
- Prior to installation, refer to Hermpac Vertical Shiplap Technical Installation Specifications.



D30 **Timber Weatherboard Top Detail**
As per Hermpac Construction Drawings



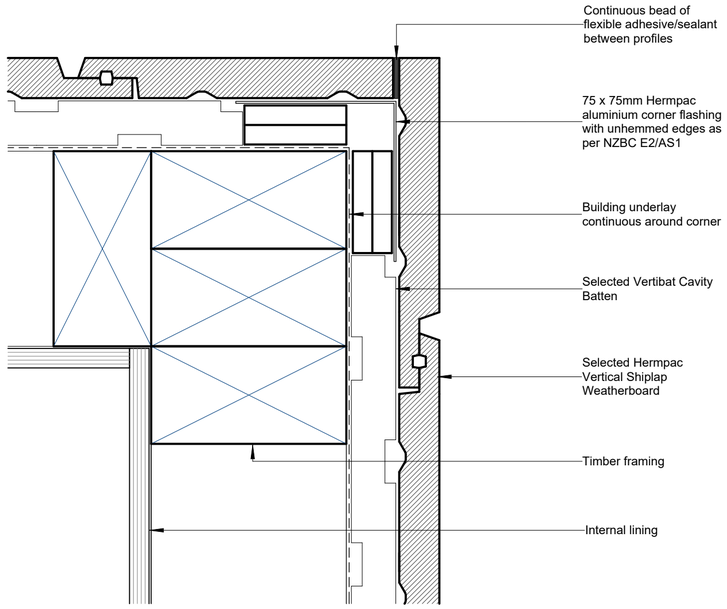
D31 **Timber Weatherboard Base Detail**
As per Hermpac Construction Drawings

BC ISSUE

MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Timber Cladding Details	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 407

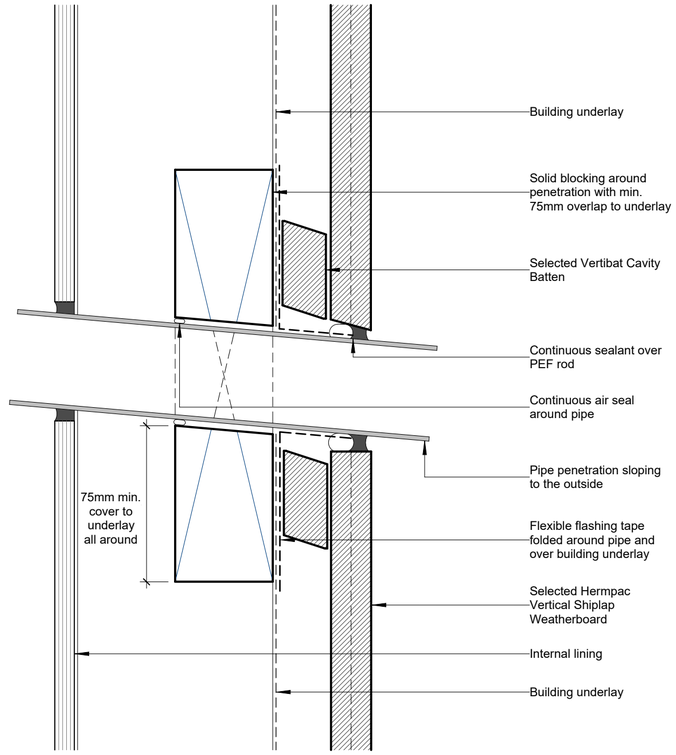
Check all dimensions on site. Do not scale off plans, if in doubt ask.

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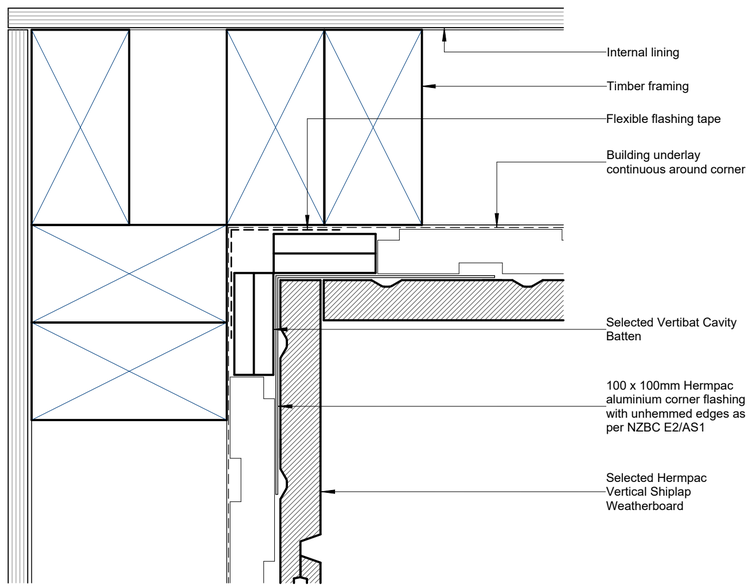


D32 External Corner Detail
As per Hermpac Construction Drawings

NOTES:
- *All weatherboard fixings pre-drilled maximum 1mm diameter smaller than the nail/screw gauge.*
- *All Hermpac timber products, cut ends and edges to be precoated as per Installation Specifications.*
- *All materials and fixtures are to comply with E2/AS1 Clause 2.2.*
- *For non-hemmed corner flashings, ensure a minimum 75mm cover to weatherboards beyond the point where BRANZ Bulletin 411 compliant weatherboard lap or rebate combinations terminate at the corner junction.*
- *In Extra High Wind Zone and above, the 75mm cover requirement remains and hemmed edges must also be used.*
- *Refer to NZBC Acceptable Solution E2/AS1 Table 21 for the separation requirements between CCA treated battens and metal flashings.*
- *Prior to installation, refer to Hermpac Vertical Shiplap Technical Installation Specifications.*



D34 Penetration Detail
As per Hermpac Construction Drawings



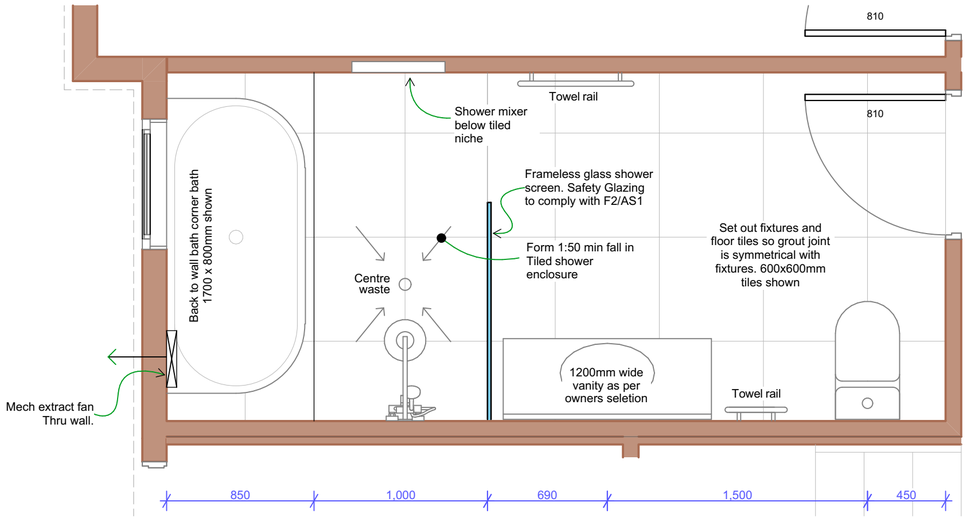
D33 Internal Corner Detail
As per Hermpac Construction Drawings

BC ISSUE

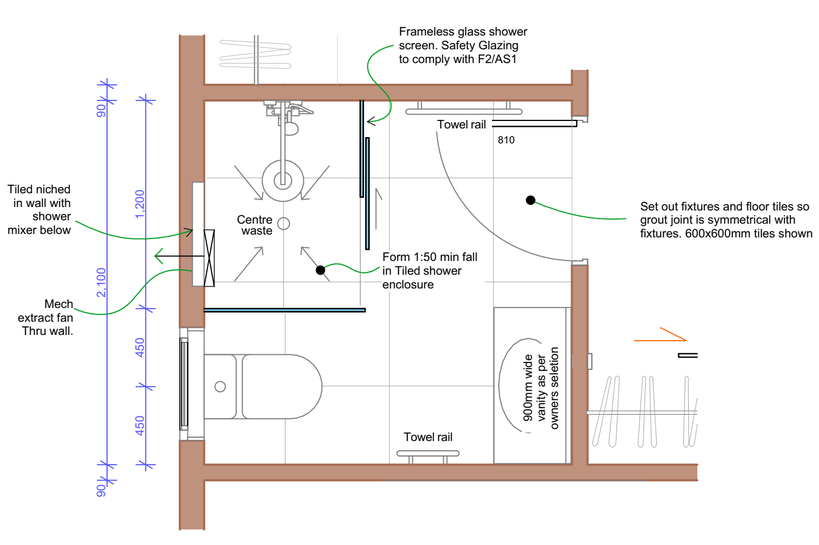
MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Timber Cladding Details	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 408

Check all dimensions on site. Do not scale off plans, if in doubt ask.

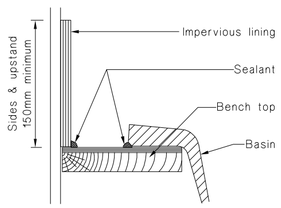
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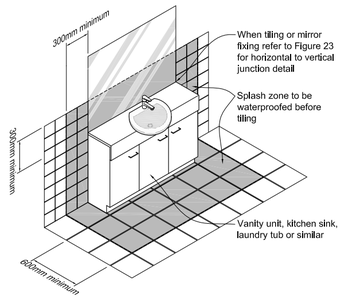
Bathroom Floor Plan
Scale 1:25



Ensuite Floor Plan
Scale 1:25

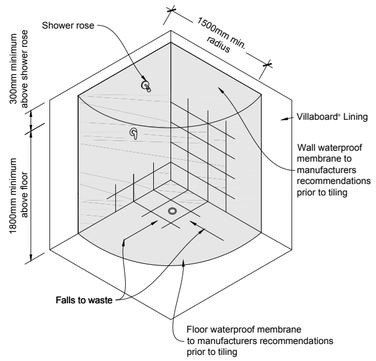


Sealing against Wall Linings

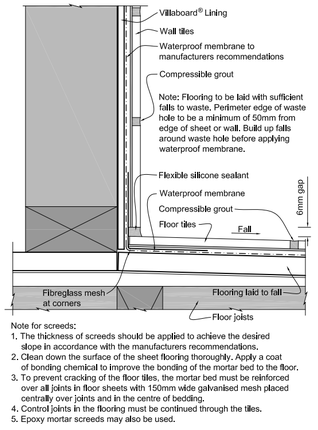


Note: The extent of floor or wall waterproofing depends on the extent of water to be splashed over these areas. Recommended area to be waterproofed outside of bath, shower or vanity is a minimum of 300mm on walls and 600mm on floors.

Sealing around Splash Zones (Vanities)

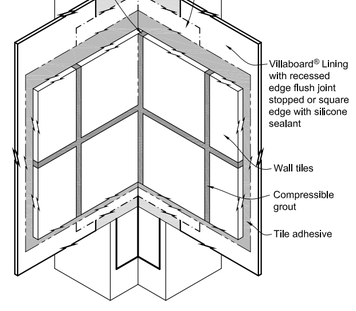


Sealing around Splash Zones (Showers)

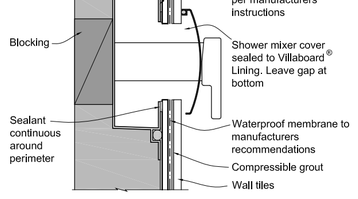


Note for screeds:
1. The thickness of screeds should be applied to achieve the desired slope in accordance with the manufacturers recommendations.
2. Clean down the surface of the sheet flooring thoroughly. Apply a coat of bonding chemical to improve the bonding of the mortar bed to the floor.
3. To prevent cracking of the floor tiles, the mortar bed must be reinforced over all joints in floor sheets with 150mm wide galvanised mesh placed centrally over joints and in the centre of bedding.
4. Control joints in the flooring must be continued through the tiles.
5. Epoxy mortar screeds may also be used.

Shower Wall to Floor Junction



Wall to Wall Shower tiled internal corner



Note: Seal cut edges of Villaboard® Lining

Wet Wall Caddy

D35

Wet Area Junctions

Details as per
E3/AS1
Villaboard Installation Manual

WET AREAS.
WALLS. 10mm AQUALINE GIB GENERALLY.
FLOORS: CERAMIC TILES WITH ARDEX WPM WATERPROOF MEMBRANE TO BATHROOMS & LAUNDRY. TIMBER OVERLAY FLOORING TO KITCHEN

SHOWER ENCLOSURES.
SHOWER FLOOR: REBATED SHOWER FLOOR WITH CERAMIC TILES ON WPM WATERPROOF MEMBRANE.
SHOWER WALLS: CERAMIC TILES ON GIB AQUALINE WALL SUBSTRATE WITH ARDEX WPM WATERPROOF MEMBRANE.

BC ISSUE

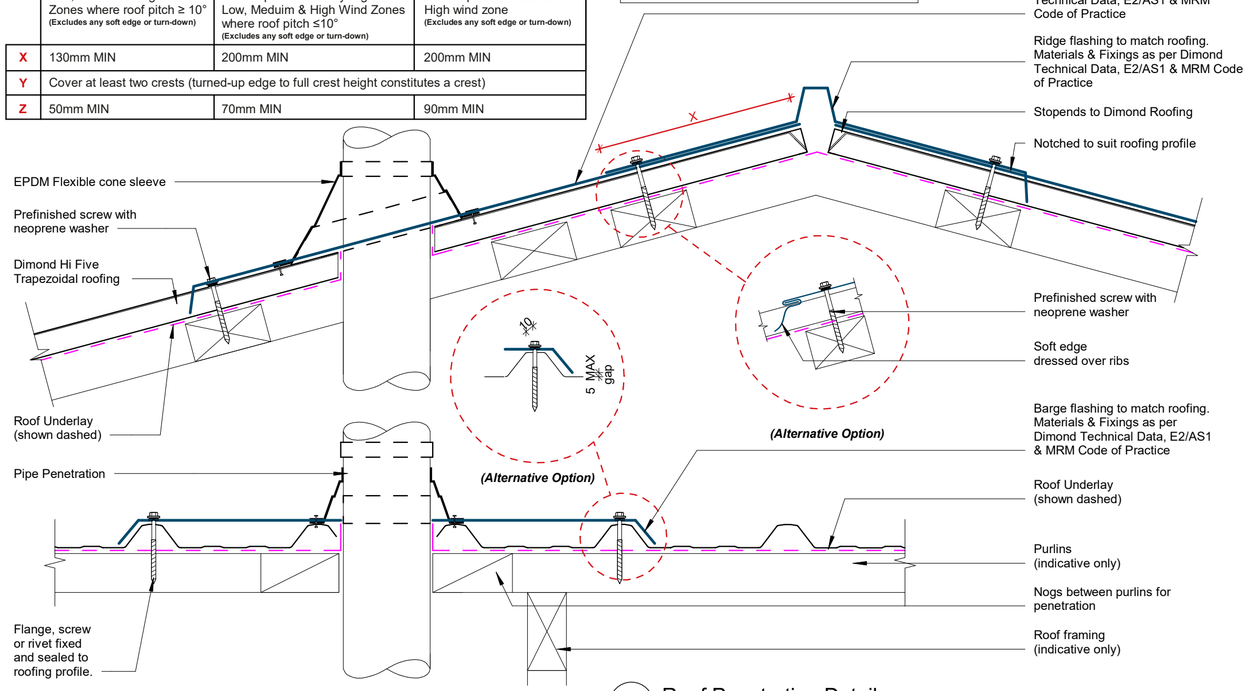
MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Bathroom Layouts & Wet Area Details	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 409

Check all dimensions on site. Do not scale off plans, if in doubt ask.

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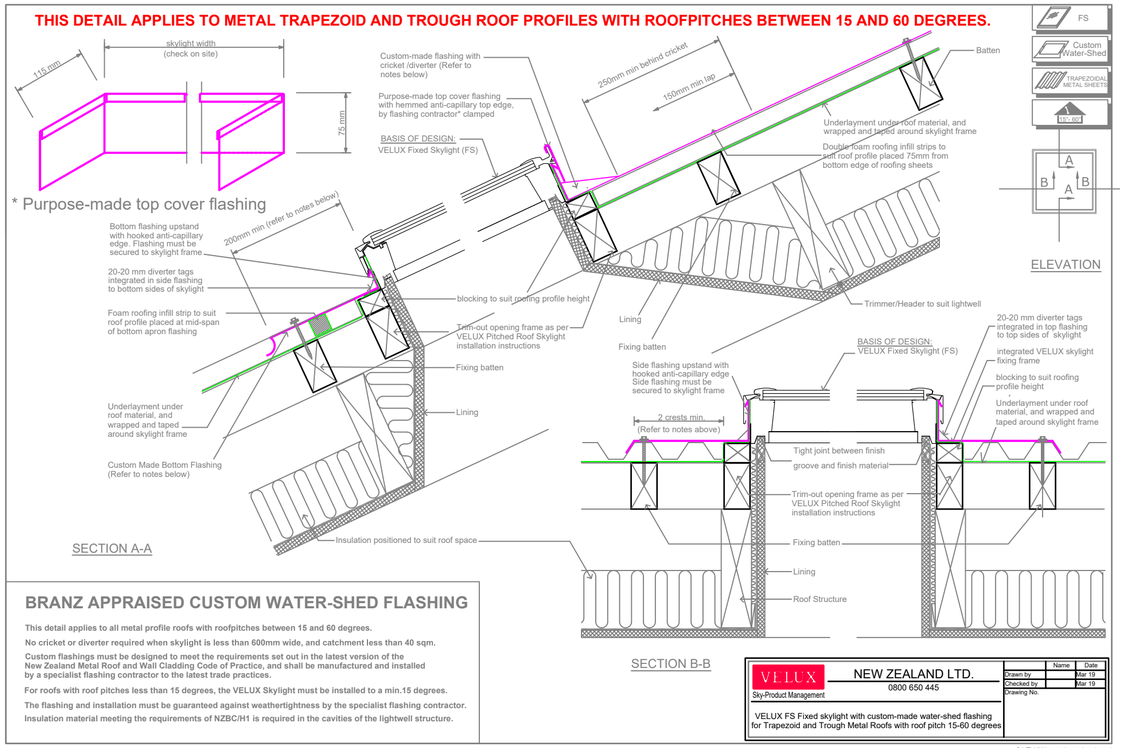
	COVER DIMENSIONS AS PER E2/AS1		
	SITUATION 1 Low, Meduim & High Wind Zones where roof pitch ≥ 10° **(Excludes any soft edge or turn-down)**	**SITUATION 2** All roof pitches in Very High zone. Low, Meduim & High Wind Zones where roof pitch ≤10° **(Excludes any soft edge or turn-down)**	**SITUATION 3** All roof pitches in Extra High wind zone **(Excludes any soft edge or turn-down)**
X	130mm MIN	200mm MIN	200mm MIN
Y	Cover at least two crests (turned-up edge to full crest height constitutes a crest)		
Z	50mm MIN	70mm MIN	90mm MIN

Note:
Min 3° for pipe penetration with a boot flashing. Refer MRM code of practice



D36 **Roof Penetration Detail**
As per Diamond Roofing Details

THIS DETAIL APPLIES TO METAL TRAPEZOID AND TROUGH ROOF PROFILES WITH ROOFPITCHES BETWEEN 15 AND 60 DEGREES.



BRANZ APPRAISED CUSTOM WATER-SHED FLASHING

This detail applies to all metal profile roofs with roofpitches between 15 and 60 degrees.

No cricket or diverter required when skylight is less than 600mm wide, and catchment less than 40 sqm.

Custom flashings must be designed to meet the requirements set out in the latest version of the New Zealand Metal Roof and Wall Cladding Code of Practice, and shall be manufactured and installed by a specialist flashing contractor to the latest trade practices.

For roofs with roof pitches less than 15 degrees, the VELUX Skylight must be installed to a min.15 degrees.

The flashing and installation must be guaranteed against weathertightness by the specialist flashing contractor.

Insulation material meeting the requirements of NZBC/H1 is required in the cavities of the lightwell structure.

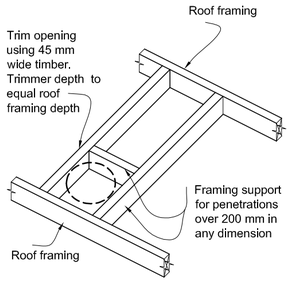
VELUX Sky-Product Management	NEW ZEALAND LTD. 0800 650 445	Name	Date
		Drawn by	Mar 19
		Checked by	Mar 19
		Drawing No.	

VELUX FS Fixed skylight with custom-made water-shed flashing for Trapezoid and Trough Metal Roofs with roof pitch 15-60 degrees

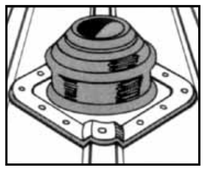
® VELUX is a registered trademark

D37 **Skylight Detail**
As per Velux Details

Figure 21: Penetration support
Paragraphs 8.1.7 and 8.4.17



D38 **Flue Pipe Penetration Support Detail**
As per E2/AS1



D39 **Dektite Flashing For Roof Vent Pipe Penetrations**

This flashing can be used if all the following conditions are meet.

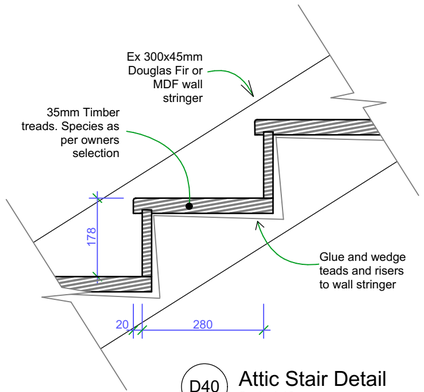
- The sqaure base should be turned 45° to the fall of the roof cladding
- This type of flashing should never be used on a side lap.
- The penetration hole in the roof cladding should be made through the rib, and the hole should be cut close to a purlin.
- Only one rib of a profile should be cut out

BC ISSUE

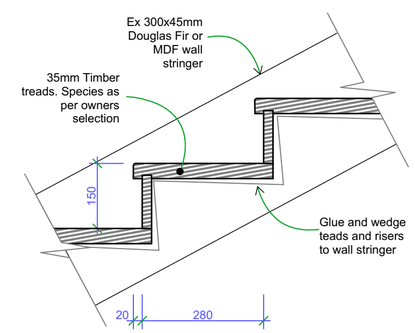
MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Roof Penetration Details	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 410

Check all dimensions on site. Do not scale off plans, if in doubt ask.

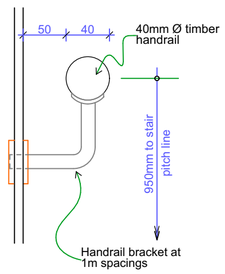
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D40 Attic Stair Detail
Scale 1:10



D41 Internal Stair Detail
Scale 1:10

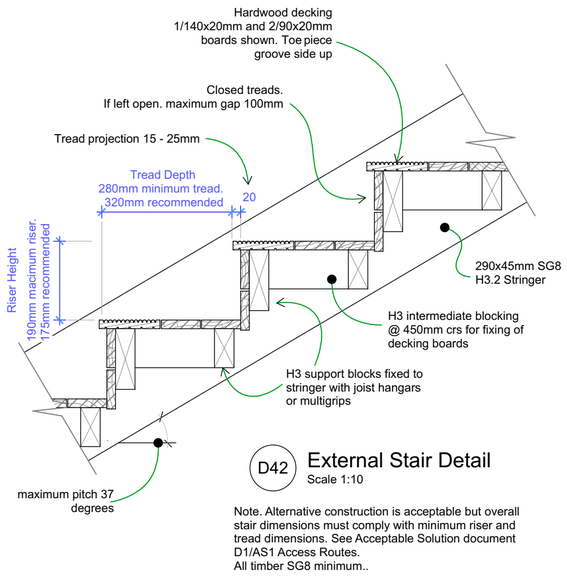


D43 Stair Handrail
Scale 1:5

Handrail Notes.

All stairways shall have handrails on at least one side. Except handrails may be omitted on stairways of two or three risers within or giving access to a household unit. As per acceptable D1. Access Routes

All external handrails shall be constructed to comply with durability rules. Metal handrails preferable. Timber to be H3 treated or Hardwood.



D42 External Stair Detail
Scale 1:10

Note. Alternative construction is acceptable but overall stair dimensions must comply with minimum riser and tread dimensions. See Acceptable Solution document D1/AS1 Access Routes.
All timber SG8 minimum..

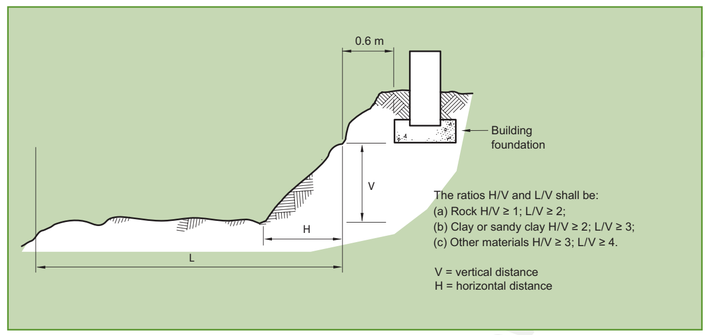
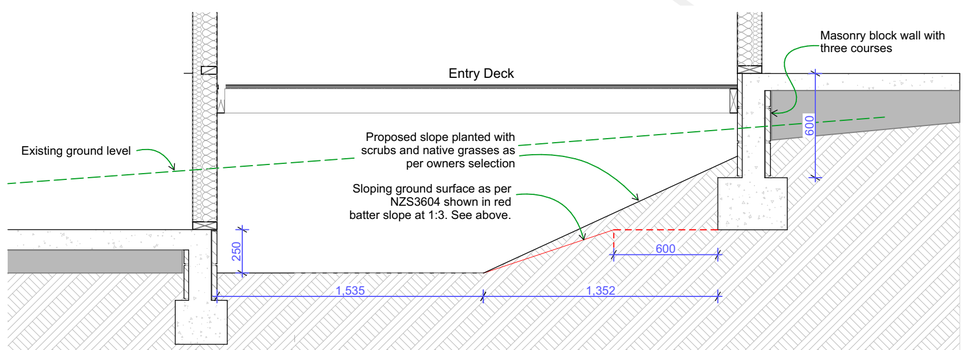


Figure 3.1 – Relationship of foundation to sloping ground surface



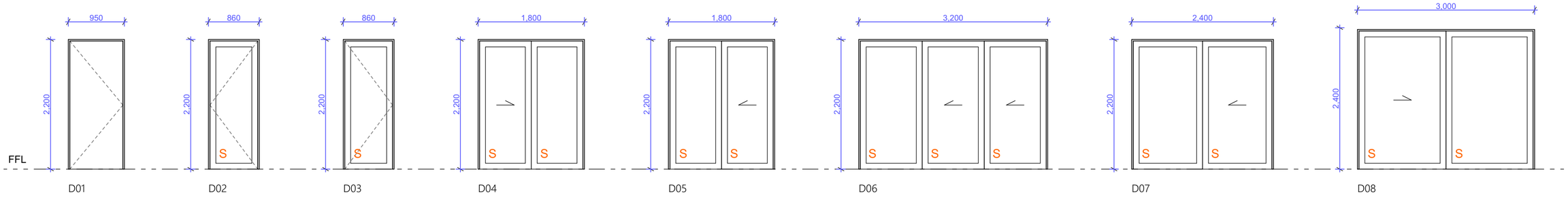
D44 Earthworks @ Entry Area Foundtaions
Scale 1:25

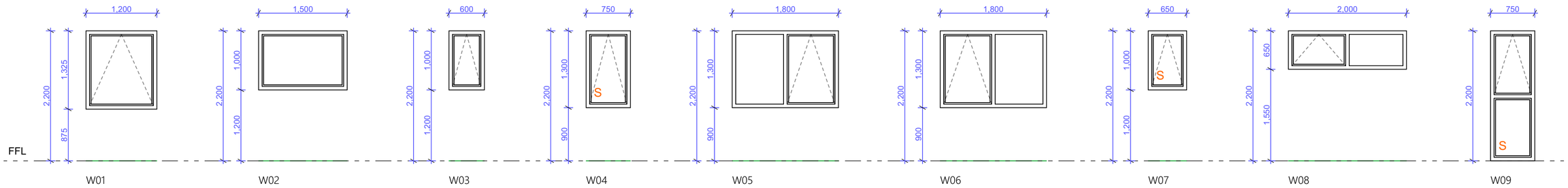
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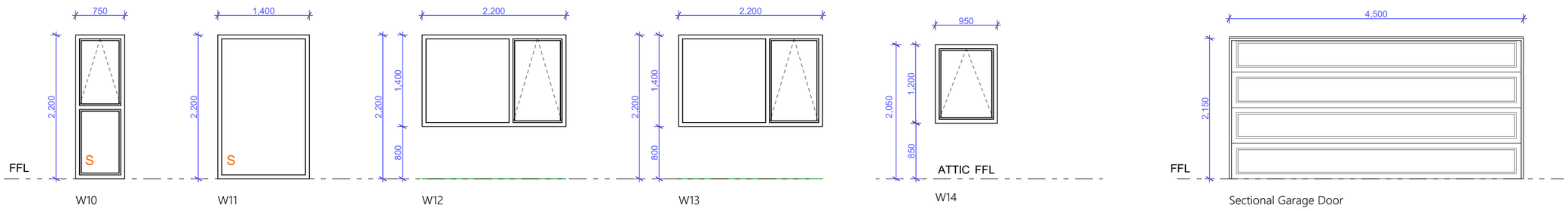
MCV DESIGN LTD E-mail: rich@hotmail.co.nz Ph: 027 2070157	**WILSON & THOMPSON RESIDENCE** 11 Carrickmore Cres, Wanaka	Stair Detail & Other Details	**DRAWN:** RICH V **DATE:** NOV 2026 **SCALE:** AS SHOWN @ A3	**DRAWING NO** 411

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External Door & Window Schedule
Scale 1:50

NOTES:

- SIZES SHOWN ARE TRIM SIZE. EXACT MEASUREMENTS TO BE CONFIRMED BY SITE MEASURE

- ALL ALUMINIUM JOINERY UNITS. DOUBLE GLAZED. THERMALLY BROKEN WITH LOW E GLASS AND ARGON. MIN R0.50

S SAFETY GLASS TBC

BC ISSUE

MCV DESIGN LTD
E-mail: rich@hotmail.co.nz
Ph: 027 2070157

WILSON & THOMPSON RESIDENCE
11 Carrickmore Cres, Wanaka

D&W Schedule

DRAWN: RICH V
DATE: NOV 2026
SCALE: AS SHOWN @ A3

DRAWING NO 412

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