NO.	DRAWING	REV.	REV DATE	ISSUE TO
Working Drawings				
	Cover Page	C	27/05/2026...	RESOURCE CONSENT
0 GENERAL				
001	PROJECT NOTES	C	27/05/2026...	RESOURCE CONSENT
1 SITE				
101	SITE PLAN	C	27/05/2026...	RESOURCE CONSENT
102	EARTHWORKS PLAN	C	27/05/2026...	RESOURCE CONSENT
2 PLANS				
201	GROUND FLOOR PLAN - PROPOSED	C	27/05/2026...	RESOURCE CONSENT
202	FIRST FLOOR PLAN - EXISTING AND DEMO	C	27/05/2026...	RESOURCE CONSENT
203	FIRST FLOOR PLAN - PROPOSED	C	27/05/2026...	RESOURCE CONSENT
204	FOUNDATION PLAN	C	27/05/2026...	RESOURCE CONSENT
205	WALL FRAMING PLAN	C	27/05/2026...	RESOURCE CONSENT
206	BRACING PLAN	C	27/05/2026...	RESOURCE CONSENT
207	FIRST FLOOR - RCP/ HVAC/ ELECTRICAL	C	27/05/2026...	RESOURCE CONSENT
208	ROOF FRAMING PLAN	C	27/05/2026...	RESOURCE CONSENT
209	ROOF PLAN	C	27/05/2026...	RESOURCE CONSENT
3 ELEVATIONS				
301	ELEVATIONS - EXISTING & DEMOLITION	C	27/05/2026...	RESOURCE CONSENT
302	ELEVATIONS - EXISTING & DEMOLITION	C	27/05/2026...	RESOURCE CONSENT
303	ELEVATIONS - PROPOSED	C	27/05/2026...	RESOURCE CONSENT
304	ELEVATIONS - PROPOSED	C	27/05/2026...	RESOURCE CONSENT
305	WINDOW & INTERNAL DOOR SCHEDULE	C	27/05/2026...	RESOURCE CONSENT
4 SECTIONS				
401	SECTION A	C	27/05/2026...	RESOURCE CONSENT
402	SECTION B	C	27/05/2026...	RESOURCE CONSENT
403	LINE OF INFLUENCE TO NEIGHBOUR PROP...	C	27/05/2026...	RESOURCE CONSENT
5 DETAILS				
501	ROOF DETAILS	C	27/05/2026...	RESOURCE CONSENT
502	TIMBER CLADDING DETAILS	C	27/05/2026...	RESOURCE CONSENT
503	METAL CLADDING DETAILS	C	27/05/2026...	RESOURCE CONSENT
504	METAL CLADDING DETAILS	C	27/05/2026...	RESOURCE CONSENT
505	FOUNDATION DETAILS	C	27/05/2026...	RESOURCE CONSENT
506	DRAINAGE DETAILS	C	27/05/2026...	RESOURCE CONSENT
507	LUMBERLOK LINTEL FIXING	C	27/05/2026...	RESOURCE CONSENT
508	FEATURE PANEL DETAILS	C	27/05/2026...	RESOURCE CONSENT



BEDROOM + OFFICE EXTENSION

7 BRODIE AVENUE ARROWTOWN 9302

Project Team - S. VIVIAN

ISSUED FOR **RESOURCE CONSENT** 27/05/2026

bespoke ARCHITECTURE

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GENERAL NOTES

THE WORK COMPRISES THE PROJECT AS OUTLINED ON THESE DRAWINGS.

THE BUILDER / MAIN CONTRACTOR SHALL READ ALL ARCHITECTURAL DRAWINGS, SPECIFICATIONS & SUPPORTING CONSULTANTS DOCUMENTS IN FULL AND UNDERSTAND THESE, PRIOR TO BEGINNING WORK ON SITE.

THE BUILDER /MAIN CONTRACTORSHALL CLEARLY COMMUNICATE WITH THE RELEVANT SUB-TRADES TO EXPLAIN AND SPECIFIC REQUIREMENTS PARTICULAR TO THE PROJECT INCLUDING SPECIFIC MATERIALS, SPECIFICATIONS, CONSTRUCTION METHODS AND ARCHITECTURAL DETAILING REQUIREMENTS.

THE BUILDER / MAIN CONTRACTOR SHALL BE LIABLE FOR ENSURING THE PROJECT IS CONSTRUCTED AS PER THE CONSENTED DOCUMENTATION.

SITING OF BUILDING WORK
ALL BOUNDARY PEGS AND SERVICES ARE TO BE LOCATED BEFORE CONSTRUCTION WORK COMMENCES. THE OWNER MUST CONFIRM PROPOSED BUILDING LOCATION AND SERVICES SUPPLY LOCATIONS FROM THEIR LEGAL BOUNDARY LINE PRIOR TO ANY CONSTRUCTION COMMENCING.

VARIATIONS AND AMENDMENTS
ANY VARIATION TO THE CONSENTED DOCUMENTS SHALL BE APPROVED BY BESPOKE ARCHITECTURE PRIOR TO THE WORK BEING DONE.

SPECIFIC ENGINEERING DETAIL
REFER TO THE CHARTERED ENGINEERS CALCULATIONS AND/OR THEIR DRAWINGS ATTACHED.

DISCREPANCIES
ALL THE INFORMATION CONTAINED IN THIS DOCUMENT AND WHAT'S REQUIRED FOR THE BUILDING CONSENT APPLICATION TO THE LOCAL 'BCA' ARE BELIEVED TO BE ACCURATE AT THE TIME OF ISSUE. IT IS THE RESPONSIBILITY OF THE BUILDER AND ALL SUBCONTRACTORS TO READ THESE PLANS AND INFORM THE DESIGNER OF ANY DESCREPANCIES BEFORE PROCEEDING WITH ANY FURTHER WORK ON SITE.

SUBSTITUTIONS
THERE IS TO BE NO SUBSTITUTIONS TO TIMBER TREATMENTS, TIMBER GRADES, SPECIFIED MATERIALS AND OR PRODUCTS WITHIN THIS DRAWING AND ATTACHED DRAWINGS WITHOUT WRITTEN AUTHORIZATION FROM THE LICENSED BUILDING PRACTITIONER ISSUING THE CERTIFICATE OF DESIGN WORK.

NO DEVIATIONS ON INSTALLATION
BUILDER/INSTALLER OF ALL SPECIFIED PRODUCTS FOR THIS PROJECT ARE TO STRICTLY FOLLOW THE INSTALLATION PROCEDURES AS ISSUED AND SPECIFIED BY THE MANUFACTURER WITH NO DEVIATIONS.

ABBREVIATIONS THOUGHOUT DRAWING SET

B#	= BEAM (SED)
BCA	= BUILDING CONSENT AUTHORITY
CF	= CAVITY FIXED
CGL	= CLEARED GROUND LEVEL
CONC	= CONCRETE
COS	= CONFIRM ON SITE / CHECK ON SITE
DBL	= DOUBLE
DF	= DIRECT FIXED
DiT	= DesignIT STRUCTURAL MEMBER
F#	= FRAME CODE FOR STUD CENTERS
FB#	= FLITCH BEAM (SED)
FCL	= FINISHED CEILING LEVELS
FDL	= FINISHED DECK LEVEL
FFL	= FINISHED FLOOR LEVEL
FGL	= FINISHED GROUND LEVEL
JST	= JOIST
R#	= RAFTER
RB#	= RIDGE BEAM
SD	= SMOKE DETECTOR
SED	= SPECIFIC ENGINEERING DESIGN/DETAIL

DURABILITY

DURABILITY OF ALL NEW FIXINGS TO COMPLY WITH NZBC B2/AS1 & NZS3604:2011 TABLE 4.1 & 4.2

BUILDING IS LOCATED WITHIN - ***B***

ENVIRONMENT - ALL ZONES:
CLOSED AND ROOF SPACE FIXINGS
NAIL PLATES - CONTINUOUSLY COATED Z275 PRE-GAL WIRE
DOGS - 150g/m² HOT DIPPED GAL COATING BOLTS - 600g/m² HOT DIPPED GAL COATING BRACKETS - 390g/m² HOT DIPPED GALV. COATING

ALL OTHER STRUCTURAL FIXINGS IN 'CLOSED' - MILD STEEL

METAL FIXINGS TO H3, H4 & H5 TREATED TIMBER IN EXPOSED ENVIRONMENTS TO BE 304/316 GRADE STAINLESS STEEL

ENVIRONMENT - ZONE D:
SHELTERED SUBFLOOR FIXINGS
ALL STRUCTURAL FIXINGS TYPE 304 STAINLESS STEEL WITHIN 600mm OF GROUND OTHERWISE HOT DIPPED GAL 600gsm.

NZBC AND NZ STANDARDS

ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE NEW ZEALND BUILDING CODE AND AMENDMENTS, AND THE CURRENT EDITION OF THE RELEVANT NEW ZEALAND STANDARDS

EXCAVATION/SITE ESTABLISHMENT

REFER TO SHEET 102 FOR SEDIMENT CONTROL AND SITE SECURITY.

SITEWORKS

REFER TO SHEET 102 FOR SITEWORKS.

FOUNDATIONS & SUBFLOOR

WHERE FOUNDATIONS ARE SPECIFICALLY DESIGNED BY OTHERS, REFER TO SEPARATE DETAILS AND CALCULATIONS AS INDICATED/REFERENCED WITHIN DRAWINGS.

SLAB AND FOUNDATION:
SED RAFT TYPE SLAB SYSTEM WITH INTEGRATED FOUNDATION.
85mm REINFORCED CONCRETE SLAB ON GROUND OVER 0.25mm DPM OVER 25mm SAND BLINDING.

THIS PROJECT HAS UNDERSLAB PERIMETER INSULATION - REFER TO FOUNDATION PLAN

DPM:
250 MICRON THICK POLYETHYLENE FILM
TAPE ALL SEAMS AND TAPE ANY DAMAGE OR PENETRATIONS THROUGH DPM.

DPC:
ALL TIMBER AND STEEL WORK TO BE FIXED OVER *MASONS DRY FIX* DPC WHEN FIXED TO CONCRETE.

FLOOR COVERINGS:
GENERALLY ALL FLOOR COVERINGS TO BE *CARPET*.

PLUMBING & DRAINAGE

ALL PLUMBING TO *AS/NZS 3500.2* SANITARY PLUMBING.

DRAIN LAYER TO SUPPLY AN AS BUILT PLUMBING & DRAINAGE PLAN AFTER COMPLETION.

PRINTED SCALE CONVERSIONS

A3	→	**A4**		**A2**	→	**A3**	
1:200	→	1:142		1:200	→	1:142	
1:100	→	1:71		1:100	→	1:71	
1:50	→	1:35		1:50	→	1:35	
1:20	→	1:14		1:20	→	1:14	
1:10	→	1:7		1:10	→	1:7	
1:5	→	1:3		1:5	→	1:3	
A2	→	**A4**		**A1**	→	**A3**	
1:200	→	1:100		1:200	→	1:100	
1:100	→	1:50		1:100	→	1:50	
1:50	→	1:25		1:50	→	1:25	
1:20	→	1:10		1:20	→	1:10	
1:10	→	1:5		1:10	→	1:5	
1:5	→	1:2		1:5	→	1:2	

WALL STRUCTURE

REF: NZS3604:2011 TABLE 8.2 AND TABLE 8.4

STUDS IN SINGLE STOREY
EXTERNAL LOAD-BEARING WALLS:
<2.4m STUD LENGTH
90x45 H1.2 SG8 STUDS @ 600CRS MAX. NOGS @ 800CRS MAX.

INTERNAL LOAD-BEARING WALLS:
<2.4m STUD LENGTH
90x45 H1.2 SG8 STUDS @ 600CRS MAX. NOGS @ 800CRS MAX.

NON-LOAD-BEARING STUDS IN INTERNAL WALLS
<2.4m STUD LENGTH
90x45 H1.2 SG8 STUDS @ 600CRS MAX. NOGS @ 800CRS MAX.

TOP PLATES, SILL PLATES AND TRIMMERS
ALL FRAMES TO HAVE ADDITIONAL TOP PLATE CONSISTING OF 1/90x45 SG8 AND 1/140x35 CEILING CAPPING

SILL or HEAD TRIMMERS <2.4m CLEAR WIDTH TO BE 90x45
SILL or HEAD TRIMMERS <3.0m CLEAR WIDTH TO BE 2/90x45
SILL or HEAD TRIMMERS <3.6m CLEAR WIDTH TO BE 3/90x45

BOTTOM PLATES
FOR SINGLE LOAD BEARING WALLS SUPPORTING ROOF ONLY USE 90x45 BOTTOM PLATE.

BOTTOM PLATE TO CONCRETE SLAB FLOOR FIXING (EXTERNAL WALLS)
WALL PLATE FIXED WITH M10x140 BOWMAC BLUE HEAD SCREW BOLTS WITH 50x50x3mm GALV WASHER @ 900crs MAX & 150mm OF DOUBLE STUD AND150mm FROM CORNERS OVER DPC.

TRIMMING STUD TO BOTTOM PLATE
EACH LINTEL WHERE REQUIRED BY NZS3604 TO BE SECURED AGAINST UPLIFT SHALL BE FIXED TO A TRIMMING STUD WHICH IN TURN IS FIXED TO THE FLOOR FRAMING:-
CONCRETE SLAB - WITH A 25mm x 1mm STRAP TAKEN UNDER PLATE AND 150mm UP EACH SIDE OF STUD WITH 6 / 30 x 2.5mm NAILS INTO EACH SIDE OF STUD
WHERE PROPRIETARY FIXINGS ARE SPECIFIED, FIXINGS ARE TO BE TO THE SUPPLIERS INSTRUCTIONS

EXTERNAL OPENING TRIM DIMENSIONS
ALL DIMENSIONS ARE TO ROUGH OPENINGS AND ALL DIMENSIONS MUST BE SITE VERIFIED PRIOR TO MANUFACTURE.

ALUMINIUM JOINERY IS TO BE SITE MEASURED TO CONFIRM CLEARANCES. BUILDING/PRENAILER TO LIAISE AND CONFIRM.

FIXING REQUIREMENTS
STUD TO BOTTOM PLATE & STUD TO TOP PLATE FIXING:
2/100 x 3.75 @ 600CRS HAND-DRIVEN NAILS OR
3/90x3.15 @ 600CRS POWER-DRIVEN NAILS

IN ADDITION TO THE ABOVE NAIL FIXINGS ALL LOAD BEARING WALLS ARE TO HAVE THEIR VERY TOP PLATE FIXED TO ALL STUDS WITH 1/ LUMBERLOK STUD STRAP. REFER TO THE LUMBERLOK STUD TO PLATE FIXING SCHEDULE SHEET TYPE 'B'.

ALL WALL FRAMES TO CONCRETE SLABS, TO BE SEATED ON DPC.

REFER TO CLADDING REQUIREMENTS FOR ADDITIONAL NOGGING IN THE EXTERNAL FRAMES SUPPORTING CLADDING.

INTERNAL DOOR TRIM DIMENSIONS
GENERALLY ALL INTERNAL DOOR HEIGHTS TO BE 1,980mm.
TRIM WIDTH & HEIGHT OF ALL INTERNAL OPENINGS TO SUIT.
REFER TO WINDOW & INTERNAL DOOR SCHEDULE.

LVL TIMBER

KEEP THE TOP EDGE OF THE LVL COVERED AND DRY AT ALL TIMES DURING CONSTRUCTION.

ADD PROP TO CENTER OF ALL LVL BEAMS >2.4m SUPPORTING FLOORS, TRUSSES OR POINT LOADS DURING CONSTRUCTION.

PLEASE REFER TO THE CURRENT FUTUREBUILD LVL LITERATURE FOR INFORMATION, LIMITATIONS, AND CAUTIONS REGARDING THE STORAGE, HANDLING, INSTALLATION, USAGE, AND MAINTENANCE OF FUTUREBUILD LVL.

ROOF STRUCTURE & ROOFING

ROOF CLADDING
5-RIB 0.40BMT LONGRUN METAL ROOFING OVER *MASONS VHP VALUE* SELF-SUPPORTING ROOFING UNDERLAY.

TYPICALLY 70x45 H1.2 SG8 PURLINS *@ 900CRS* MAX ON THEIR FLAT, END PURLIN @ 600 AND FIXED TO TRUSSES or RAFTERS.
NOTE: 90x45 TO CANTILEVER 450mm MAX. AS PER NZS3604 CLAUSE 10.2.1.15.2.

PURLIN FIXING
REFER TO ROOF PLANS

ROOF BAFFLES
INSTALL *MASONS INSUL-BAFFLE* TO AREA OF ROOF REQUIRING SEPARATION LAYER BETWEEN ROOFING AND CEILING INSULATION.

FASCIA & SOFFIT

MIN. 125mm QUARTER ROUND SPOUTING OVER *SELECTED* METAL FASCIA TO WITH INTERNAL BRACKETS TO MATCH EXISTING. SNOWSTRAPS TO BE AT 600 CRS.

4.5mm FIBRE CEMENT SOFFIT LINING WITH *JOINTERS,* PAINT FINISH ON *70x45* H1.2 SG6 TIMBER FRAMING

80mm MIN. DIA DOWNPIPES WITH PIPE CLIPS @ 1200CRS. MAX.
LOCATION OF DOWNPIPES AS PER DRAWINGS.

WINDOWS & GLAZING

ALL GLAZING IS IGU DOUBLE GLAZING.

REFER TO H1 COMPLIANCE INFORMATION FOR R-VALUE REQUIRED FOR JOINERY.

ALL GLAZING TO COMPLY WITH NZS4223:3:2016. JOINERY MANUFACTURER TO CONFIRM POSITION OF SAFETY GLAZING LOCATIONS.
RESTRICTOR STAYS TO OPENING SASHES WHERE THERE IS A RISK OF FALLING 1.0M AND OVER IN ACCORDANCE WITH NZBC CLAUSE F4/AS1
REFER TO WINDOW AND DOOR SCHEDULE.
SELECTED POWDERCOATED ALUMINIUM DOUBLE GLAZED JOINERY UNLESS STATED OTHERWISE

EXTERIOR WALLS & CLADDINGS

EXTERIOR CLADDING:

VERTICAL SHIPLAP WEATHERBOARD
ITI NZ P52 PROFILE SELECT TIGHT KNOT SHIPLAP WEATHERBOARD FIXED VERTICALLY OVER 20mm H3.1 TREATED CASTELLATED TIMBER CAVITY BATTENS. DWANG / NOG AT 480mm CRS MAX.

VERTICAL METAL CLADDING
5-RIB PROFILE LONG RUN METAL CLADDING FIXED VERTICALLY OVER 20mm CAVIBATS. DWANG / NOG AT 800mm CRS MAX. *PROVIDE SEPARATION LAYER BETWEEN METAL CLADDING AND BATTENS (TYPICALLY DPC).*

BUILDING WRAP
MASONS UNI FLEXIBLE WALL UNDERLAY FIXED DIRECTLY TO FRAMING PRIOR TO INSTALLATION OF CAVITY BATTENS AND CLADDING.

WINDOW SEALING SYSTEM
INSTALL *MASONS 40 BELOW* WINDOW FLASHING SYSTEM AROUND WINDOW AND DOOR OPENING AS PER MANUFACTURERS INSTALLATION INSTRUCTIONS.

EXTERIOR WALL PENETRATIONS
ALL EXTERIOR WALL PENETRATIONS THROUGH THE CLADDING AND CAVITY TO HAVE *SELECTED* PIPE AND *SELECTED* SEAL INSTALLED.

INSULATION / H1 COMPLIANCE

CLIMATE ZONE: 6

MINIMUM R-VALUES OF INSULATION TO BE INSTALLED TO ACHIEVE REQUIRED CONSTRUCTION R-VALUES

TRUSSED ROOF - **R7.0**, 330mm ROOF INSULATION

EXTERIOR WALLS - **R2.8**, 90mm WALL INSULATION

CONCRETE SLAB - 40mm **R1.11** VH-GRADE EPS FULL UNDERSLAB INSULATION

GLAZING - **R0.50**, THERMALLY BROKEN, DOUBLE GLAZED, CLEAR/LOW-E_4, ARGON GAS CAVITY AND THERMALLY IMPROVED WARM EDGE SPACER. **NOTE: EXISTING WINDOW FOR RE-USE HAS BEEN CALCULATED WITH R0.26 IN ACCORDANCE WITH ORIGINAL H1 REPORT.**

INTERIOR WALL (PREVIOUSLY EXTERIOR) - R2.8, 90mm WALL INSULATION

THE ABOVE INSULATION LEVELS WILL ACHIEVE COMPLIANCE WITH NZBC H1. HIGHER R-VALUE PRODUCTS ARE AVAILABLE AND RECOMMENDED.

BRACING DESIGN

NZS3604:2011 SECTION 5-BRACING
5.2.2 WIND REGION - ***A*** LEE ZONE - ***NO***
5.2.3 GROUND ROUGHNESS - ***#***
5.2.4 SITE EXPOSURE - ***EXPOSED***
TABLE 5.3 TOPOGRAPHIC CLASS - ***T2***
TABLE 5.4 WIND ZONE - ***H***

WIND ZONE CALCULATED TO BE *HIGH*.

5.3 EARTHQUAKE BRACING
5.3.2 EARTHQUAKE ZONE - ***3***

INTERIOR WALL LINING

DWELLING IN GENERAL
DRY AREAS
GENERALLY 10mm STANDARD PLASTERBOARD TO ALL WALLS
GENERALLY 13mm STANDARD PLASTERBOARD FOR CEILINGS

70x35 METAL RONDO CEILING BATTENS @ 600CRS MAX.

FLOOR COVERINGS

GENERALLY ALL FLOOR COVERINGS TO BE CARPET OR PLANK FLOOR

ALL PLANS HAVE BEEN DRAWN FROM AN ON SITE MEASURE & HISTORICAL PLANS. WHILE ALL REASONABLE EFFORTS HAVE BEEN MADE TO ACCURATELY REPRESENT THE EXISTING BUILDING, THERE MAY BE DISCREPENCIES. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILTY TO VERIFY ON SITE ALL DIMENSIONS AND LEVELS PRIOR TO COMMENCING ANY WORKS.

THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFIC SPECIFICATIONS AND SUPPORTING DOCUMENTS

BESPOKE ARCHITECTURE ACCEPTS NO LIABILITY SHOULD THE CONTRACTOR MAKE CONSTRUCTION DECISIONS WITHOUT FIRST SEEKING ADVICE FROM BESPOKE ARCHITECTURE AS TO HOW TO PROCEED WHERE THERE IS A DISCREPANCY IN DOCUMENTATION OR CLARIFICATION IS REQUIRED

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7 BRODIE AVENUE ARROWTOWN 9302

27/05/2026

PROJECT NOTES

CONTRACTOR TO CHECK AND CONFIRM ALL DIMENSIONS ONSITE

ALL PROPRIETARY MATERIALS AND COMPONENTS MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS AND OR SUPPLIERS INSTRUCTIONS. ALL CONSTRUCTION TO COMPLY WITH RELEVANT N.Z. STANDARDS , NZS 3604 , N.Z.B.C AND LOCAL AUTHORITY BY LAWS.

REVISION

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job no J24214
scale 1:1@ A3

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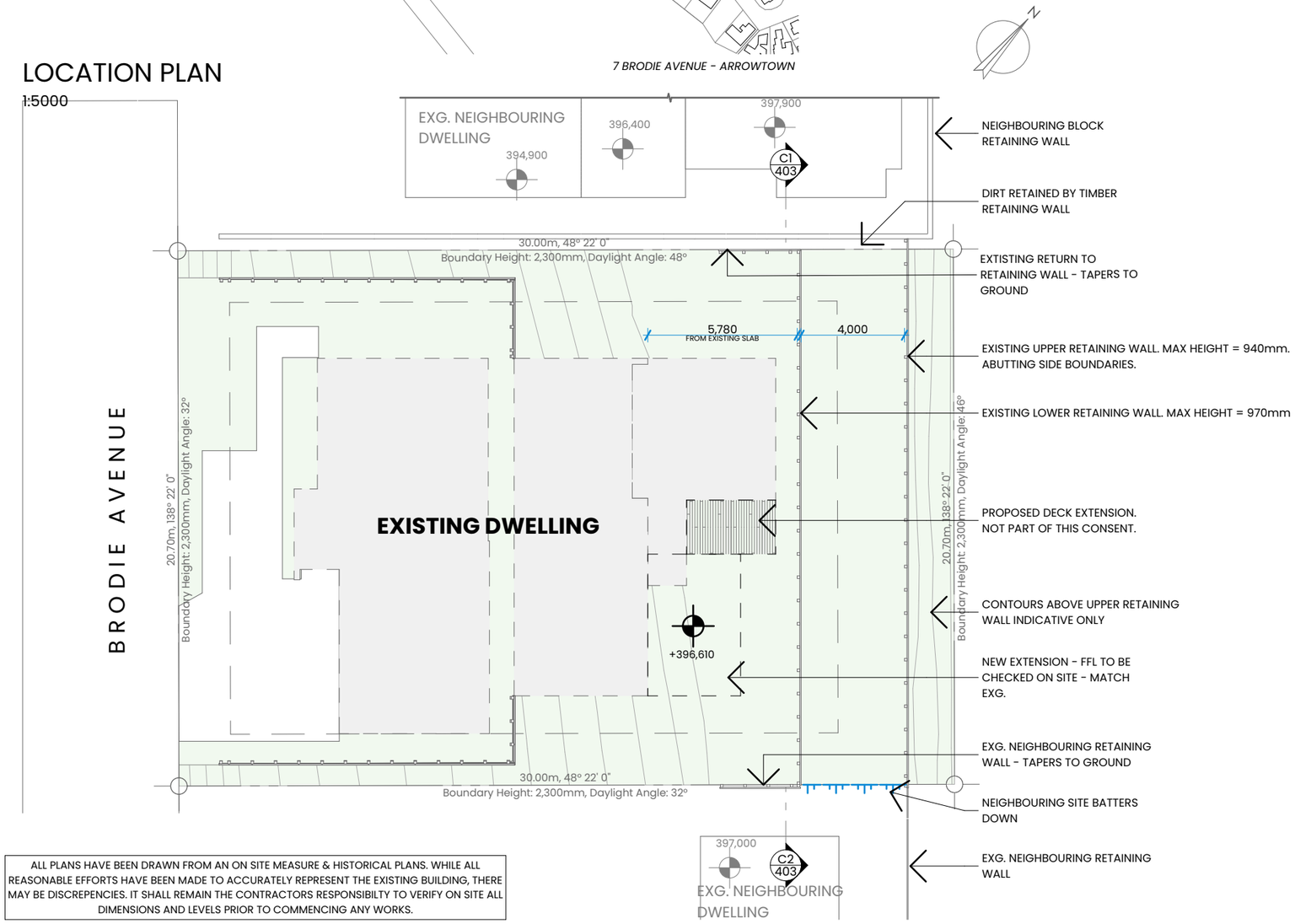
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7 BRODIE AVENUE - ARROWTOWN

LOCATION PLAN

1:5000



SITE DESCRIPTION

LEGAL DESCRIPTION:	LOT 13, DP 535793
TERRITORIAL AUTHORITY:	QLDC
PLANNING ZONE:	ODP: ARROWTOWN SOUTH ZONE - PDP: UNZONED
PLANNING SUB ZONES:	
TECHNICAL CATEGORY:	N/A
WIND ZONE:	HIGH
EQ ZONE:	3
EXPOSURE ZONE:	B
SNOW ZONE:	N5
SNOW LOAD:	1.5kPa
CLIMATE ZONE:	6
SITE AREA (GROSS):	615m² APPROX.

PROPOSED AREAS

GROUND FLOOR AREA:	***no change***
FIRST FLOOR AREA:	*19.67m²*
TOTAL:	*279.31m²*
PROPOSED AREA OVER FRAMES:	19.67m²
PROPOSED AREA OVER FOUNDATIONS:	19.67m²
PROPOSED IMPERMEABLE AREA:	19.5m²
SITE COVERAGE:	40% MAX 28.9% EXISTING 2.9% PROPOSED
SITE COVERAGE AREA - TOTAL	197.89
SITE COVERAGE % - TOTAL	32.1767

ALL PLANS HAVE BEEN DRAWN FROM AN ON SITE MEASURE & HISTORICAL PLANS. WHILE ALL REASONABLE EFFORTS HAVE BEEN MADE TO ACCURATELY REPRESENT THE EXISTING BUILDING, THERE MAY BE DISCREPENCIES. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILTY TO VERIFY ON SITE ALL DIMENSIONS AND LEVELS PRIOR TO COMMENCING ANY WORKS.

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SITE PLAN

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REVISION

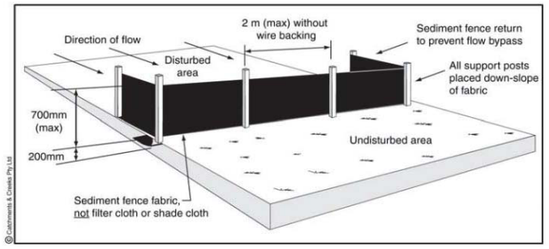
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drawn S. VIVIAN
job no J24214
scale 1:5000, 1:200@ A3

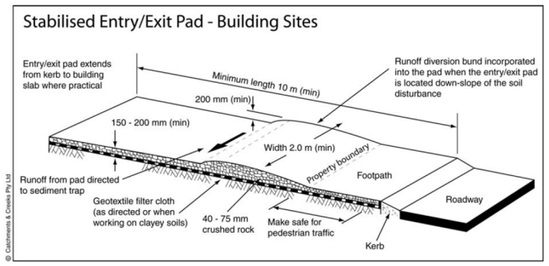
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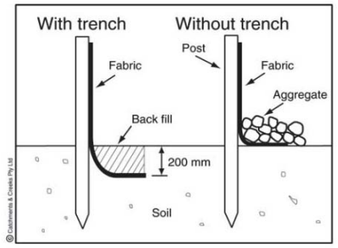
SEDIMENT BARRIER CONSTRUCTION

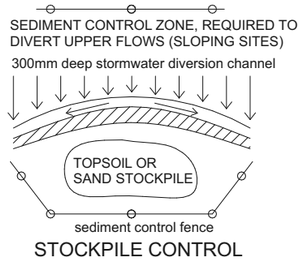




SEDIMENT FENCE INSTALLATIONS

***SILT SOCKS CAN BE USED AS AN ALTERNATIVE**





STOCKPILE CONTROL

EARTHWORKS FILLED ON SITE		
Element ID	Volume	Top Surface Area
SITE FILL A	0.44	14.59
SITE FILL B	1.58	6.83
	2.02 m³	**21.42 m²**

EARTHWORKS REMOVED FROM SITE		
Element ID	Volume	Bottom Surface Area
SITE CUT A	2.39	26.50
SITE CUT B	1.69	3.61
SITE CUT B	3.08	6.61
SITE CUT BB	0.26	3.61
	7.42 m³	**40.33 m²**

EROSION & SEDIMENT MANAGEMENT

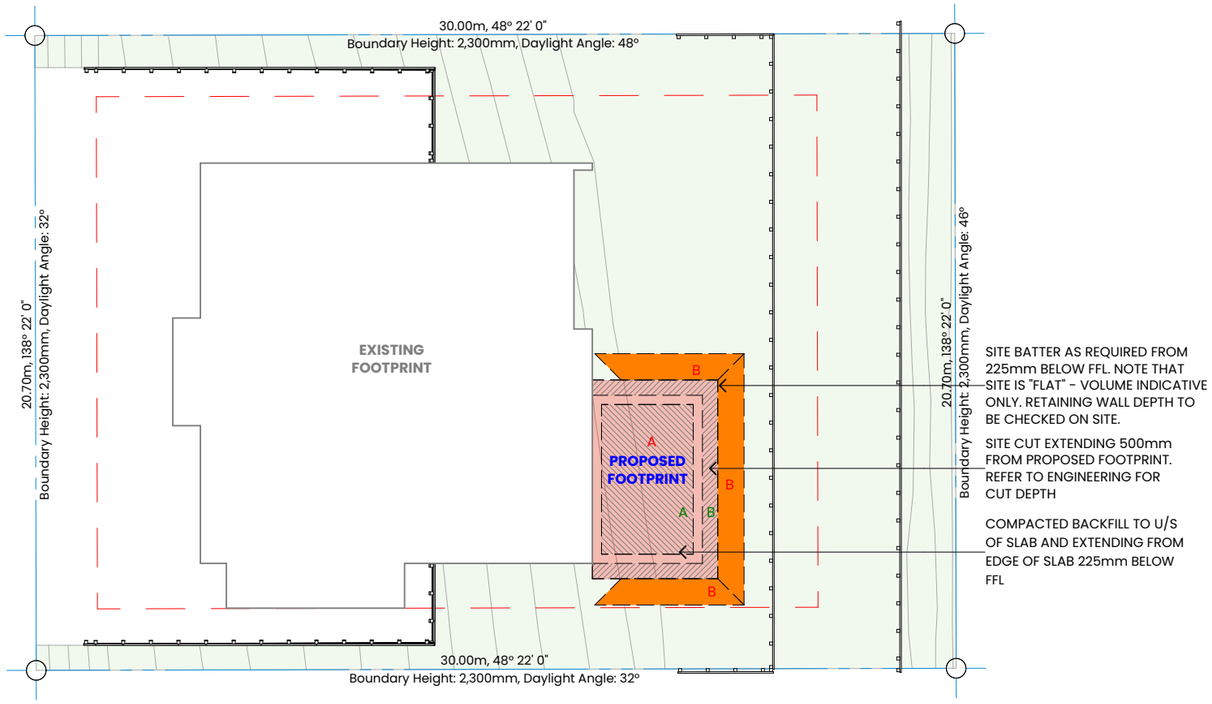
- CONNECT TEMPORARY DOWN PIPES TO SW DRAINS, RENDERING COMPLETE & FUNCTIONAL AS EARLY AS POSSIBLE TO MITIGATE STORMWATER SPILL ONTO SITE
- ANY EXCAVATED FILL CAUSED BY BUILDING WORKS NEEDS TO BE REMOVED FROM SITE IMMEDIATELY TO MITIGATE AGAINST SITE RUN-OFF
- SPRAY DOWN ANY SOIL STOCK PILE OR EXCAVATION REGULARLY TO PREVENT DUST
- INSTALL SEDIMENT FENCE COMPLETE WITH SEDIMENT FABRIC AND GOOD WARATAH SPACING. SEDIMENT FABRIC TO BE TRENCHED 200MM MIN INTO THE GROUND, OR SILT SOCKS CAN BE USED AS AN ALTERNATIVE TO SEDIMENT FENCE. CLEAR AWAY ANY COLLECTED SEDIMENT REGULARLY

SITE HAZARDS

- MAIN CONTRACTOR TO PROVIDE 2M HIGH CHAIN LINK FENCE (min 50 x 50)TO PREVENT UNAUTHORISED ENTRY TO SITE TO COMPLY WITH NZBC/F5 AND MUST BE COMPLETE WITH A LOCKABLE GATE.

- HAZARD IDENTIFICATION BOARD SHALL BE ADJACENT TO SITE ENTRY AND IDENTIFY ALL RELEVANT ONSITE HAZARDS

- MAIN CONTRACTOR TO PROVIDE ONSITE A SITE SPECIFIC HEALTH & SAFETY POLICY WHICH IS TO BE VIEWED AND SIGNED BY ALL PERSONS ENTERING THE SITE



SITE BATTER AS REQUIRED FROM 225mm BELOW FFL. NOTE THAT SITE IS "FLAT" - VOLUME INDICATIVE ONLY. RETAINING WALL DEPTH TO BE CHECKED ON SITE.

SITE CUT EXTENDING 500mm FROM PROPOSED FOOTPRINT. REFER TO ENGINEERING FOR CUT DEPTH

COMPACTED BACKFILL TO U/S OF SLAB AND EXTENDING FROM EDGE OF SLAB 225mm BELOW FFL

ALL PLANS HAVE BEEN DRAWN FROM AN ON SITE MEASURE & HISTORICAL PLANS. WHILE ALL REASONABLE EFFORTS HAVE BEEN MADE TO ACCURATELY REPRESENT THE EXISTING BUILDING, THERE MAY BE DISCREPENCIES. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILTY TO VERIFY ON SITE ALL DIMENSIONS AND LEVELS PRIOR TO COMMENCING ANY WORKS.

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EARTHWORKS PLAN

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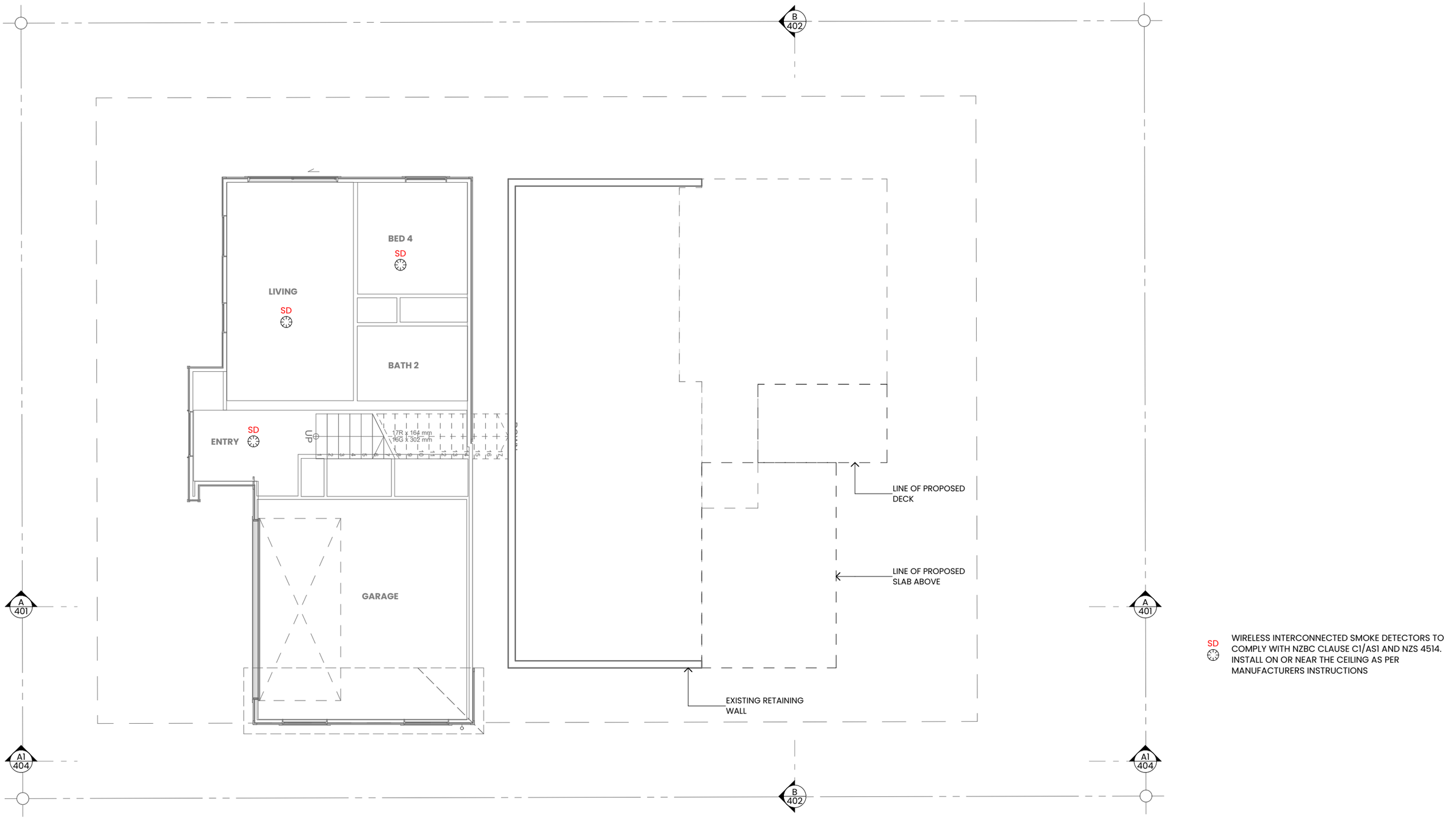
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ALL PLANS HAVE BEEN DRAWN FROM AN ON SITE MEASURE & HISTORICAL PLANS. WHILE ALL REASONABLE EFFORTS HAVE BEEN MADE TO ACCURATELY REPRESENT THE EXISTING BUILDING, THERE MAY BE DISCREPENCIES. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILTY TO VERIFY ON SITE ALL DIMENSIONS AND LEVELS PRIOR TO COMMENCING ANY WORKS.

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GROUND FLOOR PLAN - PROPOSED

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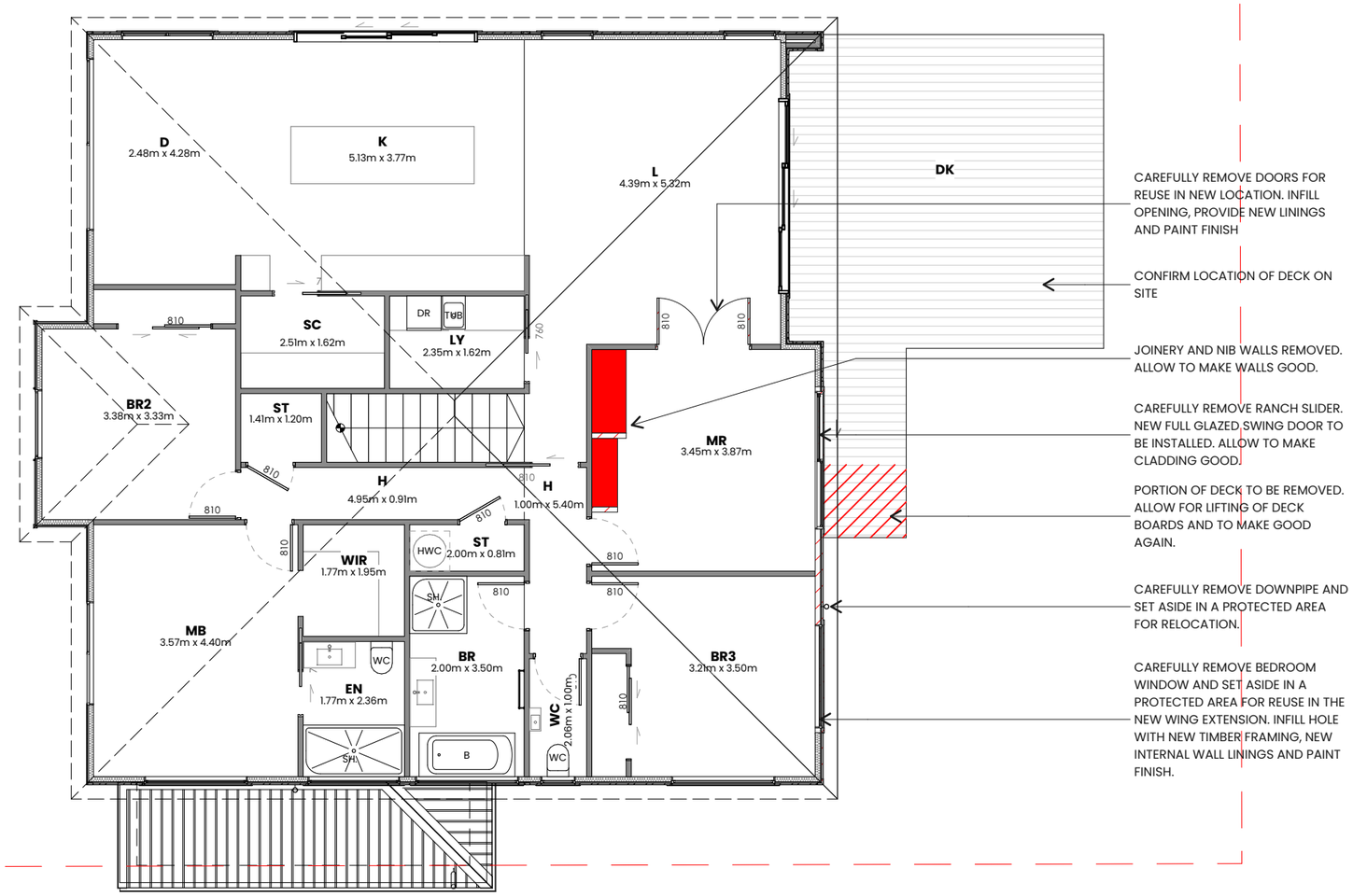
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CAREFULLY REMOVE DOORS FOR REUSE IN NEW LOCATION. INFILL OPENING, PROVIDE NEW LININGS AND PAINT FINISH

CONFIRM LOCATION OF DECK ON SITE

JOINERY AND NIB WALLS REMOVED. ALLOW TO MAKE WALLS GOOD.

CAREFULLY REMOVE RANCH SLIDER. NEW FULL GLAZED SWING DOOR TO BE INSTALLED. ALLOW TO MAKE CLADDING GOOD.

PORTION OF DECK TO BE REMOVED. ALLOW FOR LIFTING OF DECK BOARDS AND TO MAKE GOOD AGAIN.

CAREFULLY REMOVE DOWNPIPE AND SET ASIDE IN A PROTECTED AREA FOR RELOCATION.

CAREFULLY REMOVE BEDROOM WINDOW AND SET ASIDE IN A PROTECTED AREA FOR REUSE IN THE NEW WING EXTENSION. INFILL HOLE WITH NEW TIMBER FRAMING, NEW INTERNAL WALL LININGS AND PAINT FINISH.

LEGEND OF ABBREVIATIONS

BR BATHROOM
B BEDROOM
CP CUPBOARD
DK DECK
D DINING
DW DRIVEWAY
EN ENSUITE
E ENTRY
K KITCHEN
L LIVING
O OFFICE
LY LAUNDRY
MB MASTER BEDROOM
SC SCULLERY
ST STORE ROOM
SY STUDY
WR WARDROBE
WIR WALK IN ROBE

0 1 2 3 4

KEY

DEMOLITION / REMOVAL

ALL PLANS HAVE BEEN DRAWN FROM AN ON SITE MEASURE & HISTORICAL PLANS. WHILE ALL REASONABLE EFFORTS HAVE BEEN MADE TO ACCURATELY REPRESENT THE EXISTING BUILDING, THERE MAY BE DISCREPENCIES. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILTY TO VERIFY ON SITE ALL DIMENSIONS AND LEVELS PRIOR TO COMMENCING ANY WORKS.

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FIRST FLOOR PLAN - EXISTING AND DEMO

CONTRACTOR TO CHECK AND CONFIRM ALL DIMENSIONS ONSITE

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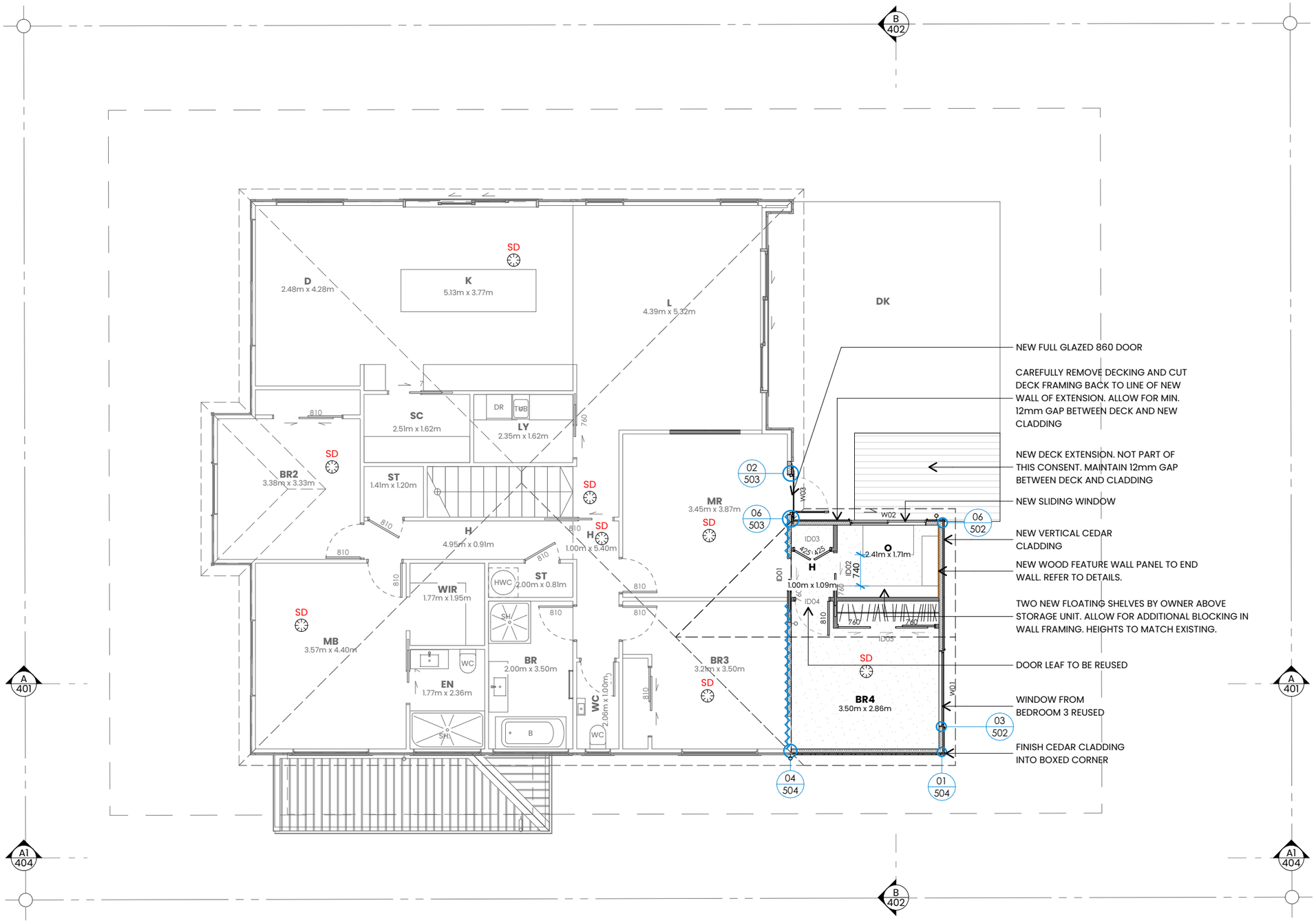
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B BEDROOM
CP CUPBOARD
DK DECK
D DINING
DW DRIVEWAY
EN ENSUITE
E ENTRY
K KITCHEN
L LIVING
O OFFICE
LY LAUNDRY
MB MASTER BEDROOM
SC SCULLERY
ST STORE ROOM
SY STUDY
WR WARDROBE
WIR WALK IN ROBE

0 1 2 3 4

IMPORTANT:

-TIMBER FRAME CONSTRUCTION IN ACCORDANCE WITH NZS 3604:2011
-ALLOW TO INSTALL 10MM GIB AQUALINE TO BATHROOM & ENSUITE & KITCHEN WALL WET AREAS.

- 90x45 H1.2 SG8 FRAMING
- 90x45 H1.2 SG8 FRAMING WITH WALL BATTS INSULATION
- SELECTED HARDWOOD TIMBER PLANKING
- SELECTED CARPET

NOTE:
-SELECTED CARPET TO ALL AREAS UNLESS INDICATED

INTERIOR DOORS:
-ALL WARDROBE AND STORAGE CUPBOARD DOORS TO BE FULL HEIGHT (TO CEILING) UNLESS NOTED OTHERWISE.

SD NEW WIRELESS INTERCONNECTED SMOKE DETECTORS TO COMPLY WITH NZBC CLAUSE C1/AS1 AND NZS 4514. INSTALL ON OR NEAR THE CEILING AS PER MANUFACTURERS INSTRUCTIONS

INSULATED INTERIOR WALL R2.8 BATT TYPE INSULATION

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FIRST FLOOR PLAN - PROPOSED

CONTRACTOR TO CHECK AND CONFIRM ALL DIMENSIONS ONSITE

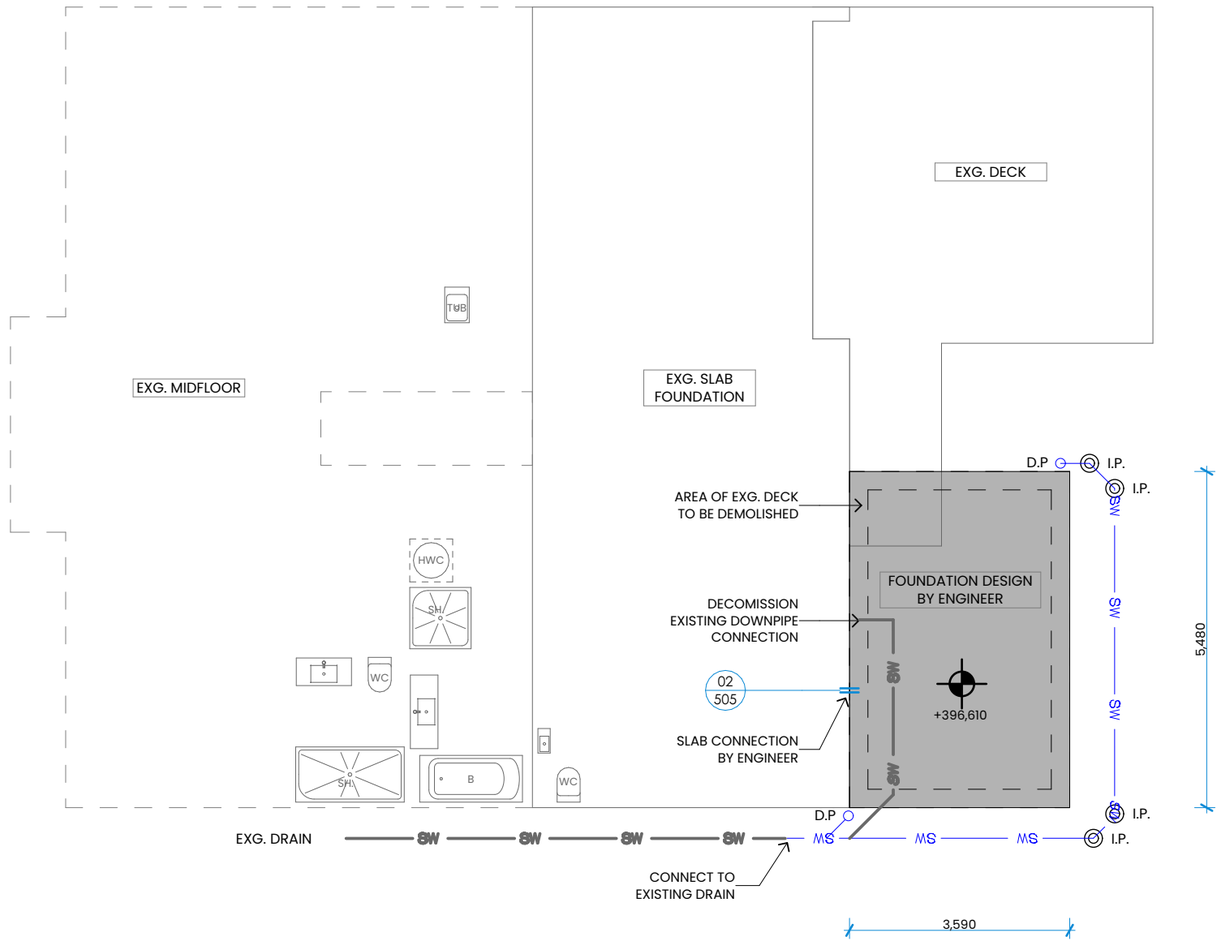
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drawn S. VIVIAN
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LEGEND

DRAINAGE TO COMPLY WITH AS/NZS 3500

SW — STORMWATER
ALL NEW STORM WATER DRAINS 100Ø uPVC @ 1:120

I.P. — INSPECTION & RODDING POINTS

FLOOR SLAB / FOUNDATION NOTES:

FOOTING DEPTHS AS PER STRUCTURAL DOCS & GEOTECH REPORT. TO BE TAKEN TO SOLID BEARING

ALL DIMENSIONS ARE TO READ IN CONJUNCTION WITH ENTIRE SET OF PLANS, MANUALS, AND SPECIFICATIONS BEFORE CONSTRUCTION COMMENCES. REFER TO DESIGNER IF DIMENSIONS DO NOT ADD UP.

BESPOKE ARCHITECTURE LIMITED WILL NOT ACCEPT ANY LIABILITY OR RESPONSIBILITY FOR EXECUTIVE DECISIONS MADE ON SITE BY ANY CONTRACTOR.

WHERE THE CONTRACTOR IS UNCERTAIN OF THE DETAIL OR INFORMATION PROVIDED IN THESE DOCUMENTS, THE CONTRACTOR IS TO IMMEDIATELY INFORM THE DESIGNER AND REQUEST FURTHER INFORMATION.

UNDERSLAB INSULATION - PROVIDED TO ENTIRE UNDERSIDE OF SLAB AND FOUNDATIONS

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FOUNDATION PLAN

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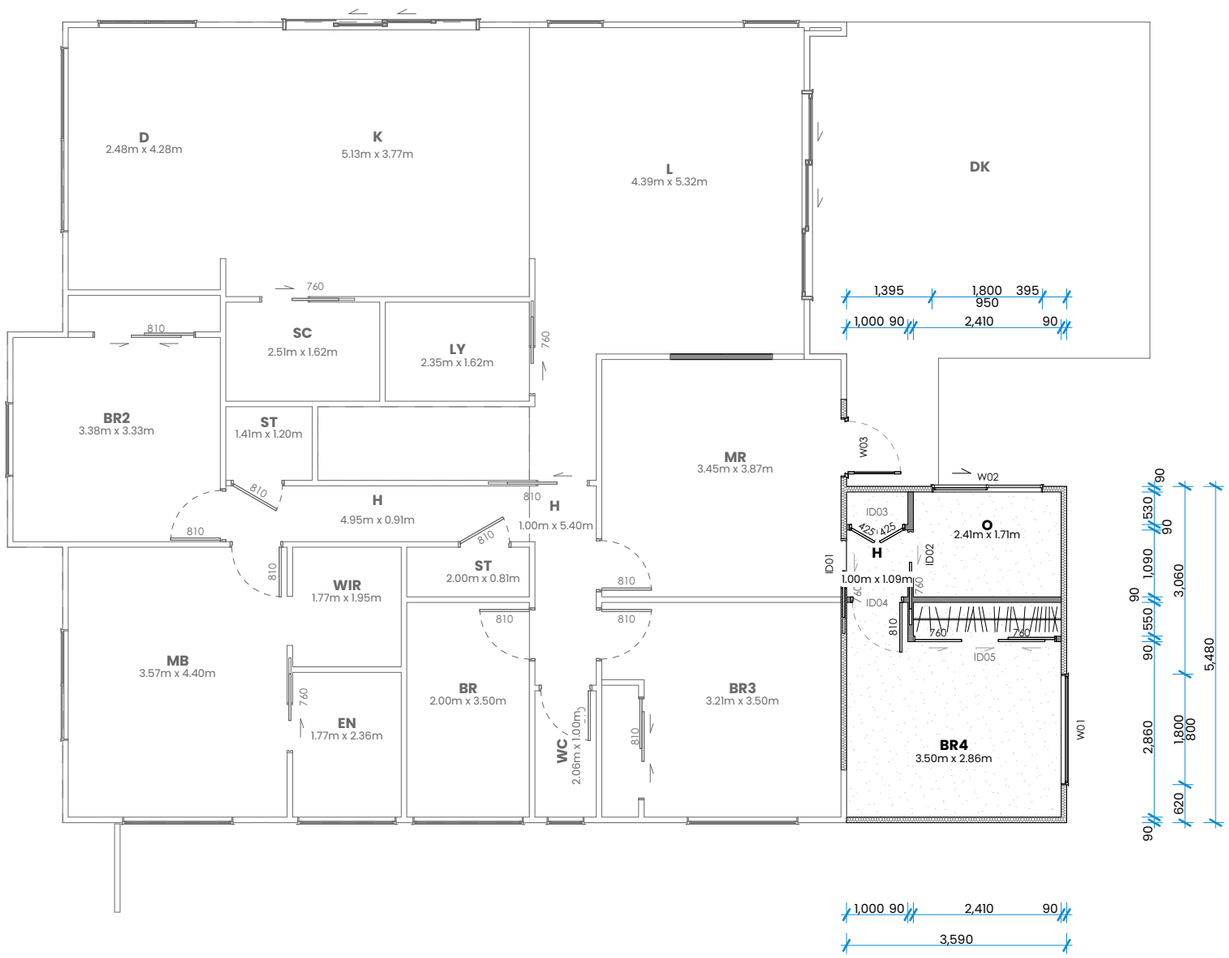
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LEGEND OF ABBREVIATIONS

BR BATHROOM
B BEDROOM
CP CUPBOARD
DK DECK
D DINING
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EN ENSUITE
E ENTRY
K KITCHEN
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O OFFICE
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MB MASTER BEDROOM
SC SCULLERY
ST STORE ROOM
SY STUDY
WR WARDROBE
WIR WALK IN ROBE

0 1 2 3 4



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WALL FRAMING PLAN

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BRACING NOTES

ELEMENT NUMBER — ELEMENT LENGTH

A1/GS1-N/1.0

BRACING TYPE

KEY

EXISTING BRACING ELEMENT RETAINED

EXISTING BRACING ELEMENT REMOVED

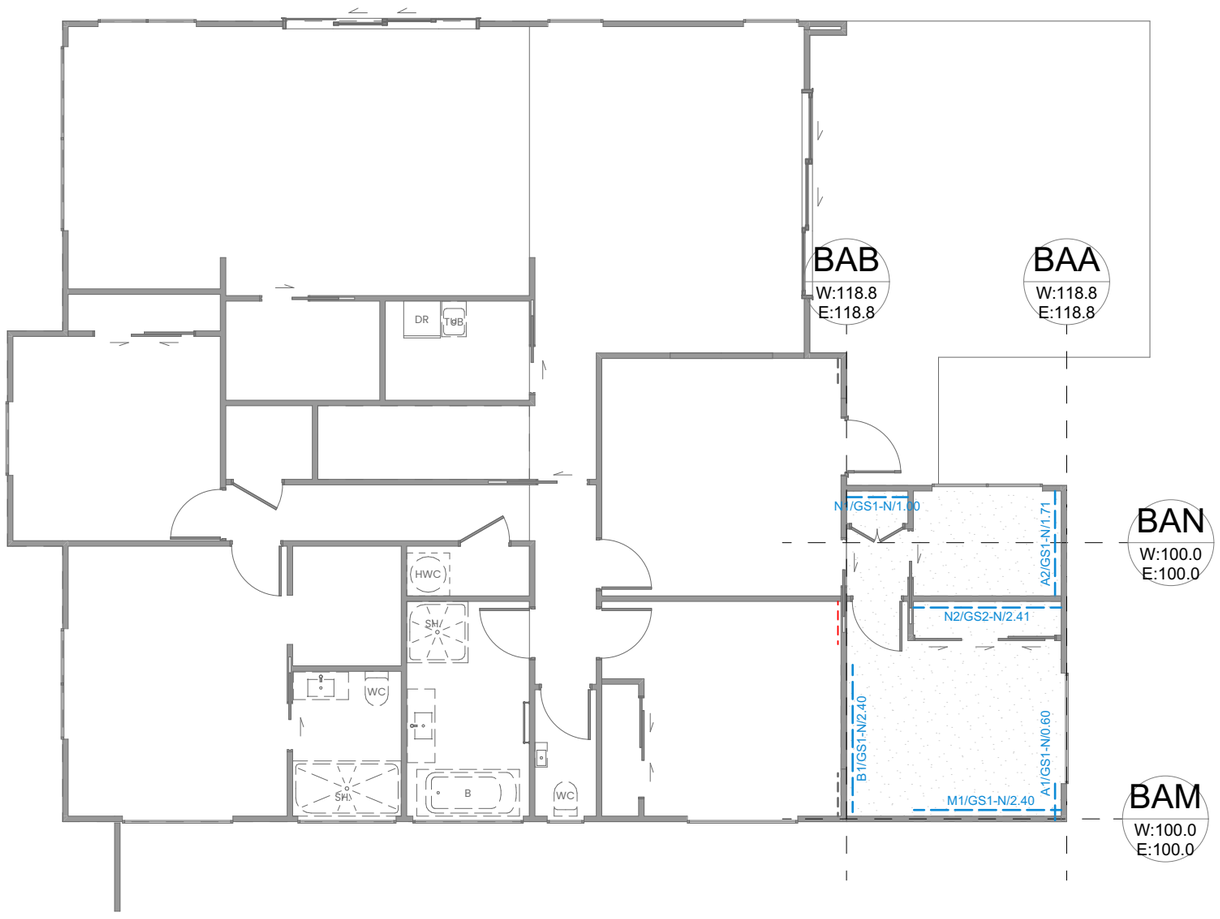
TO BE READ IN CONJUNCTION WITH THE BRACING CALCULATIONS. REFER TO SUPPORTING DOCUMENTS

READING THE BRACING PLAN:

GIB BRACING ELEMENTS:

GS1-N – 0.4M MIN. LENGTH. ANY 10MM OR 13MM GIB STANDARD PLASTERBOARD FIXED TO ONE SIDE ONLY.

GS2-N – 0.4m MIN. LENGTH. ANY 10mm OR 13mm GIB PLASTERBOARD FIXED TO BOTH SIDES



BRACING CALCULATIONS

Location of Storey	*Single*	Wind Zone	*High*
Room in Roof Space	*No*	Earthquake Zone	*3*
Building Width (BW)	*5.48m*	Soil Class	*E - Very Soft*
Building Length (BL)	*3.68m*		
Gross Floor Area (GFA)	*18.50m²*	W along	*45.0BU/m*
Floor Height to Apex	*4m*	W along x BW	*246.6BU*
Roof Height Above Eaves	*2m*	W across	*40.0BU/m*
Roof Pitch	*0 - 25°*	W across x BL	*147.2BU*
Roof Style	*Gable*		
Double Top Plate	*Yes*	EQ	*6.0BU/m²*
Floor Load	*2kPa*	EQ x GFA	*111.0BU*
Cladding Weights:			
- Subfloor	*Concrete Floor*		
- Wall	*Light*		
- Roof	*Light*		

Calculations based on *NZS3604:2011*

TABLE: BA - GIB BRACING

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
BAM	100.0	100.0	*M-1*	*GS1-N*	*70.0*	*60.0*	*2.40*	*2.40*	-	*168.0*	*144.0*
										168.0	144.0
BAN	100.0	100.0	*N-1*	*GS1-N*	*50.0*	*55.0*	*1.00*	*2.40*	-	*50.0*	*55.0*
			N-2	*GS2-N*	*95.0*	*85.0*	*2.41*	*2.40*	-	*229.0*	*204.9*
										279.0	259.9
			Total						**Achieved**	**447.0**	**403.9**
									Required	**246.6**	**111.0**

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
BAA	118.8	118.8	*A-1*	*GS1-N*	*50.0*	*55.0*	*0.60*	*2.40*	-	*30.0*	*33.0*
			A-2	*GS1-N*	*70.0*	*60.0*	*1.71*	*2.40*	-	*119.7*	*102.6*
										149.7	135.6
BAB	118.8	118.8	*B-1*	*GS1-N*	*70.0*	*60.0*	*2.40*	*2.40*	-	*168.0*	*144.0*
										168.0	144.0
			Total						**Achieved**	**317.7**	**279.6**
									Required	**147.2**	**111.0**

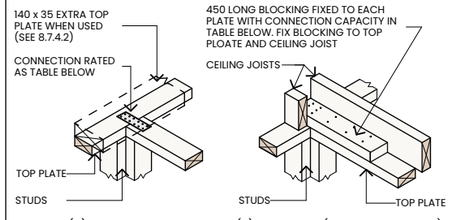
BRACING INFO

HEIGHT TO ROOF APEX - 3.8m

ROOF ABOVE EAVES - 1.5m

TOP PLATE CONNECTIONS

WALLS CONTAINING ONE OR MORE BRACING ELEMENTS TO BE CONNECTED AT THE TOP PLATE LEVEL, EITHER DIRECTLY OR THROUGH A FRAMING MEMBER IN THE LINE OF THE WALL, TO EXTERNAL WALLS AT RIGHT ANGLES. REFER TO NZS 3604 8.7.3.4



(A) BUTTJOINT

(B) BUTT JOINT (WITH CEILING JOIST)

CAPACITIES OF METAL PLATE JOINTS	
UP TO 3 kN	3/30 x 3.15 mm NAILS PER SIDE
UP TO 6 kN	6/30 x 3.15 mm NAILS PER SIDE

CAPACITIES OF NAILED JOINTS	
UP TO 3 kN	3/100 x 3.75 mm NAILS PER SIDE
UP TO 6 kN	6/100 x 3.75 mm NAILS PER SIDE

NOTE -
(1) See SECTION 4 FOR DURABILITY REQUIREMENTS

FIGURE 8.16 – CONNECTIONG TOP PLATES TO EXTERNAL WALLS AT RIGHT ANGLE – WALLS CONTAINING BRACING (see 8.7.3.3)

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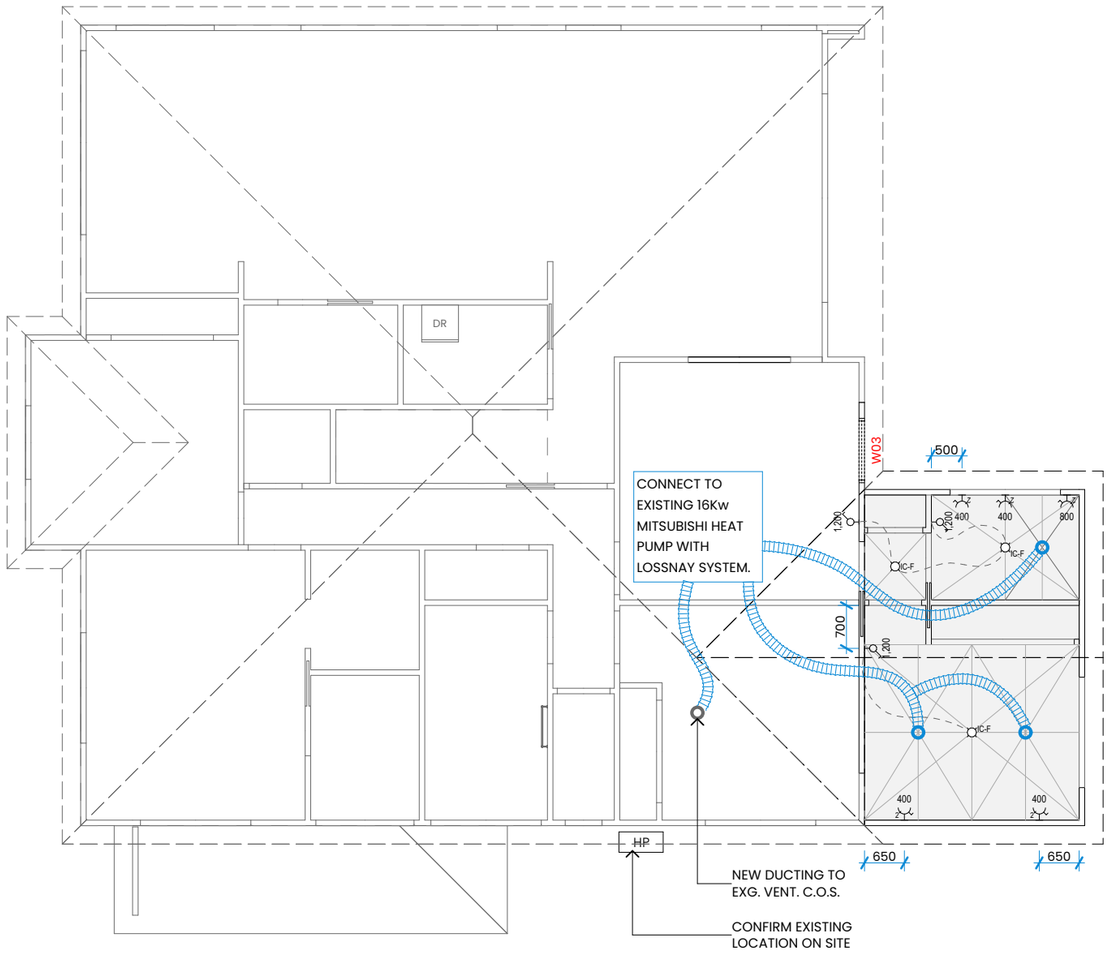
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ELECTRICAL LEGEND:

GENERAL NOTES:

-ALL FITTINGS, SWITCHES ETC TO BE CONFIRMED WITH THE OWNER PRIOR TO THE PREWIRE COMMENCING.
-ALL ELECTRICAL INSTALLATIONS TO COMPLY WITH NZBC G9
-ANY RECESSED DOWN LIGHTS TO BE **LED IC-4 (IC-F) WITH HCB & SCB = 0** TO COMPLY WITH NZBC H1/AS1
-ALL LIGHTING TO BE LED UNLESS NOTED OTHERWISE

1,200 SWITCH - 1 POLE

1,200 SWITCH - 2 POLE

1,200 2-WAY SWITCH

1,200 SWITCH WITH DIMMER

MOTION SENSOR

400 SINGLE SWITCHED SOCKET

400 DOUBLE SWITCHED SOCKET (WITH USB + USB C PORTS)

WIRE

IC-F CEILING RECESSED LED LIGHT

HVAC SUPPLY CEILING VENT

AREA OF NEW CEILING

HP HEATPUMP OUTDOOR UNIT

HVAC NOTES:

- INSTALLER TO PROVIDE HVAC DESIGN

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FIRST FLOOR - RCP/ HVAC/ ELECTRICAL

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LINTEL HOLD DOWN TYPES
TOP PLATE FIXING
ROOF PLANE BRACING
TRUSS FIXING

LEGEND

BEAM/LINTELS BY ROOF TRUSS DESIGNER

AREA OF PREFABRICATED TRUSSES, BY TRUSS MANUFACTURER.

E W01 E
2/ 90 x 45 SG 8
950

LINTEL SIZED TO NZS3604:2011

NOTE: REFER TO ROOF PLAN FOR ROOF STRAP BRACING
ALL TRUSS PROFILES TO BE PROVIDED BY THE MANUFACTURER WHEN PROVIDING THE TRUSS CERTIFICATE. ATTIC AND STORAGE TRUSS PROFILES MUST BE DIMENSIONED

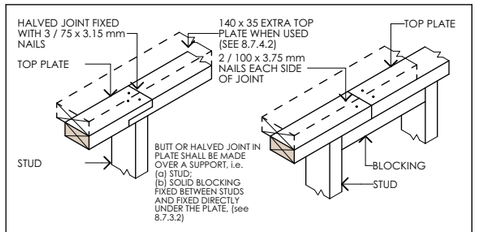
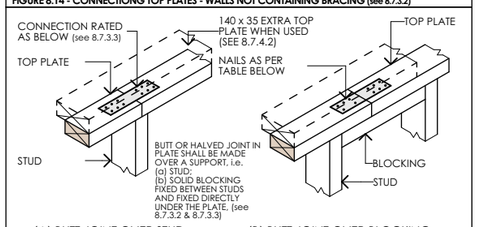


FIGURE 8.14 - CONNECTIONG TOP PLATES - WALLS NOT CONTAINING BRACING (see 8.7.3.2)

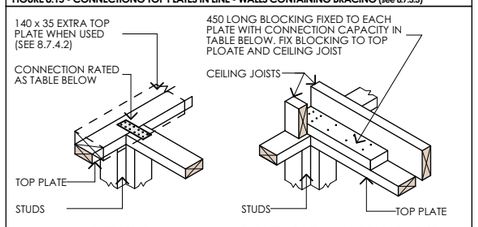


CAPACITIES OF METAL PLATE JOINTS [2]	
UP TO 3 kN	3/30 x 3.15 mm NAILS PER SIDE
UP TO 6 kN	6/30 x 3.15 mm NAILS PER SIDE

CAPACITIES OF NAILED JOINTS [2]	
UP TO 3 kN	3/100 x 3.75 mm NAILS PER SIDE
UP TO 6 kN	6/100 x 3.75 mm NAILS PER SIDE

NOTE -
(1) See SECTION 4 FOR DURABILITY REQUIREMENTS
(2) NOT REQUIRED WHEN EXTRA TOP PLATE IS USED.

FIGURE 8.15 - CONNECTIONG TOP PLATES IN LINE - WALLS CONTAINING BRACING (see 8.7.3.3)

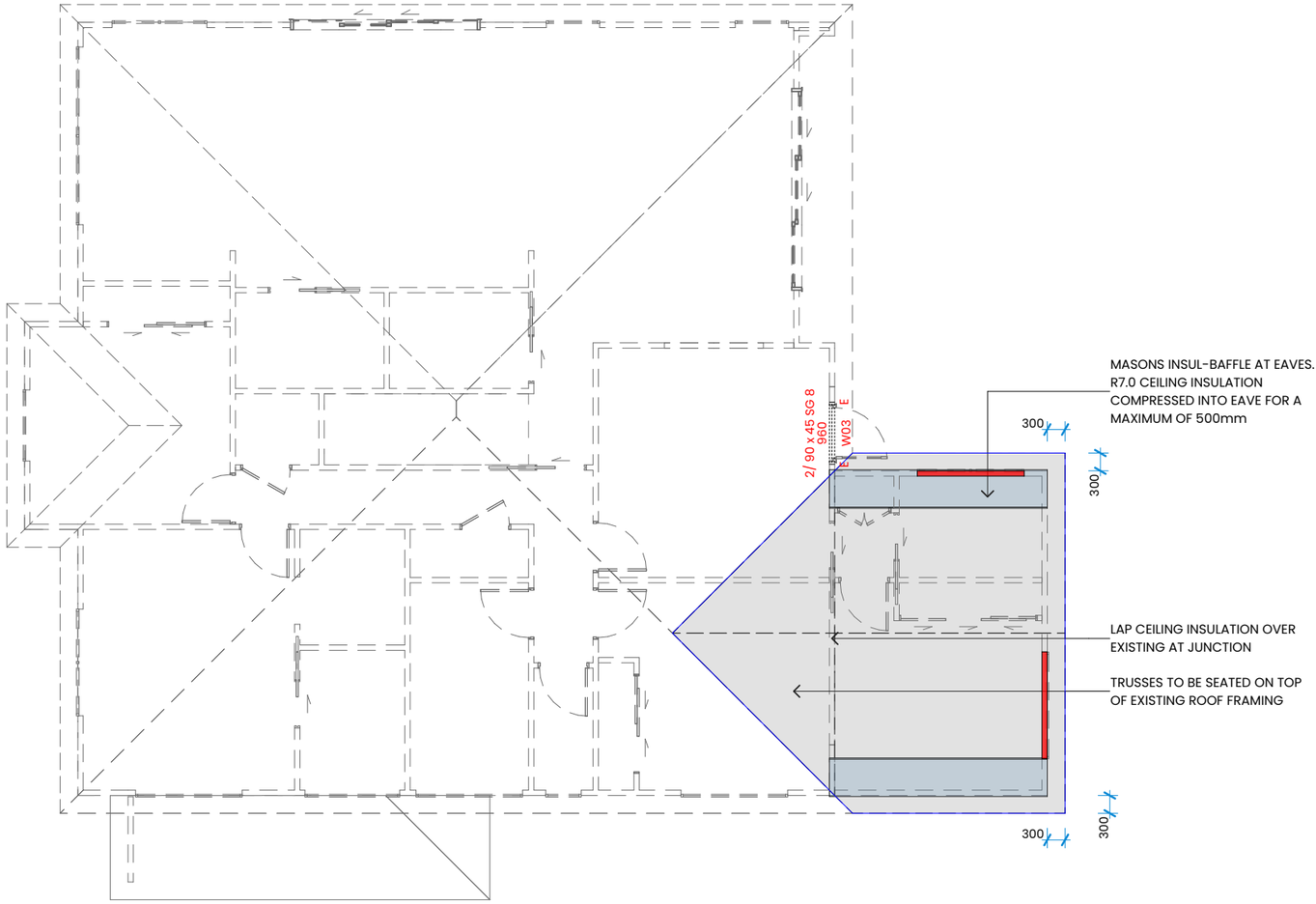


CAPACITIES OF METAL PLATE JOINTS	
UP TO 3 kN	3/30 x 3.15 mm NAILS PER SIDE
UP TO 6 kN	6/30 x 3.15 mm NAILS PER SIDE

CAPACITIES OF NAILED JOINTS	
UP TO 3 kN	3/100 x 3.75 mm NAILS PER SIDE
UP TO 6 kN	6/100 x 3.75 mm NAILS PER SIDE

NOTE -
(1) See SECTION 4 FOR DURABILITY REQUIREMENTS

FIGURE 8.16 - CONNECTIONG TOP PLATES TO EXTERNAL WALLS AT RIGHT ANGLE - WALLS CONTAINING BRACING (see 8.7.3.3)



ALL PLANS HAVE BEEN DRAWN FROM AN ON SITE MEASURE & HISTORICAL PLANS. WHILE ALL REASONABLE EFFORTS HAVE BEEN MADE TO ACCURATELY REPRESENT THE EXISTING BUILDING, THERE MAY BE DISCREPENCIES. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILTY TO VERIFY ON SITE ALL DIMENSIONS AND LEVELS PRIOR TO COMMENCING ANY WORKS.

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ROOF FRAMING PLAN

CONTRACTOR TO CHECK AND CONFIRM ALL DIMENSIONS ONSITE

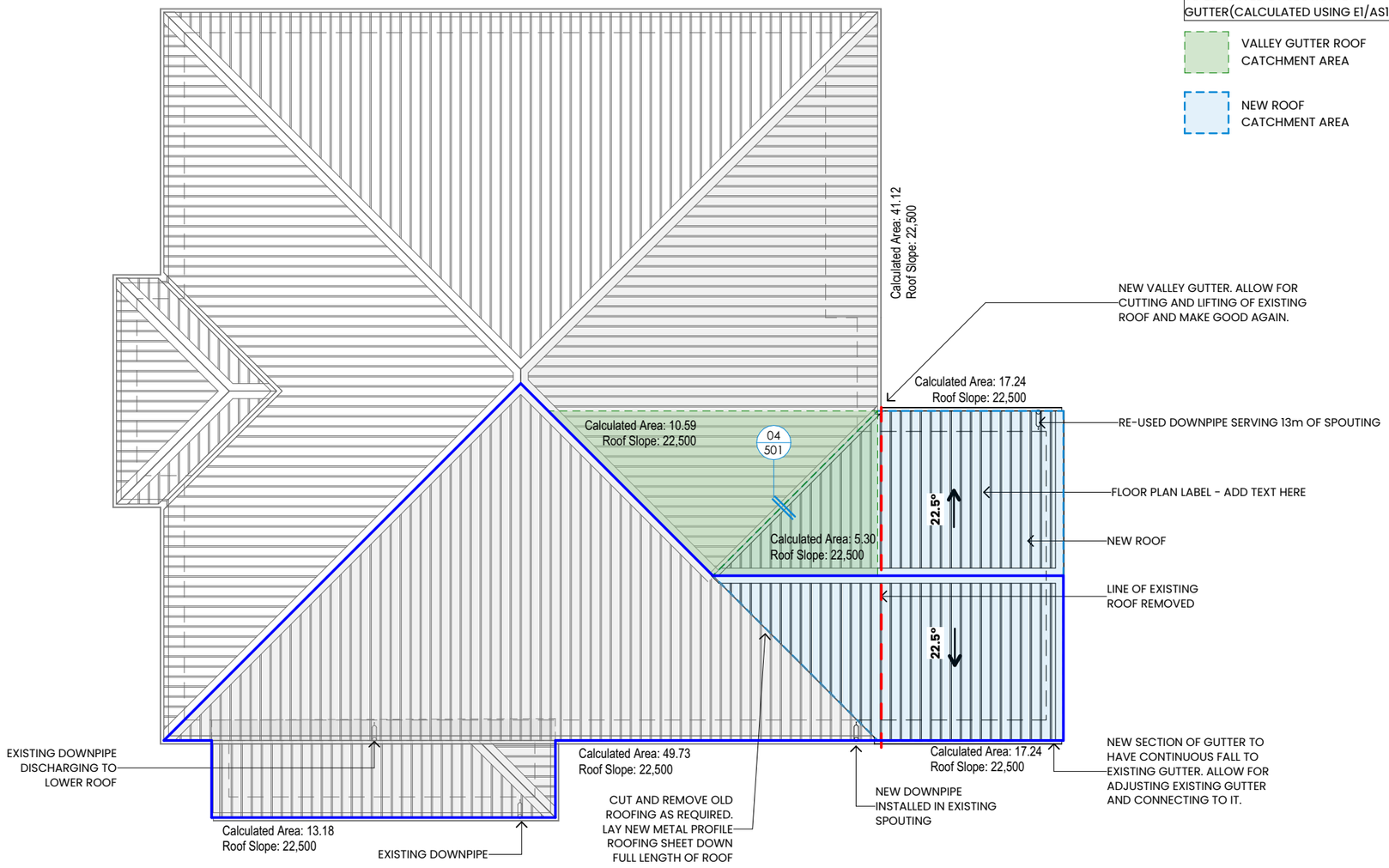
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drawn S. VIVIAN
job no J24214
scale 1:100@ A3

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EXISTING DOWN PIPE CAPACITY
AREA OF ROOF SERVED BY EXISTING DOWN PIPE = 80.15m²

GUTTER CAPACITY
CROSS SECTIONAL AREA OF METALCRAFT 125 GUTTER = 5958mm²
50m² OF ROOF ALLOWED APPROXIMATELY TO BE SERVED BY SECTION OF GUTTER(CALCULATED USING E1/AS1)

VALLEY GUTTER ROOF CATCHMENT AREA

NEW ROOF CATCHMENT AREA

IMPORTANT:
- METAL TRAPEZOIDAL LONGRUN ROOFING INSTALLED TO MANUFACTURERS INSTRUCTIONS.
- SYNTHETIC SELF SUPPORTED ROOF UNDERLAY THROUGHOUT.
- METAL FASCIA WITH METAL SPOUTING (WITH SNOWSTRAPS @ 600CRS) & 80mm MIN. DIA DOWNPIPES WITH PIPE CLIPS @ 1200CRS. MAX ALLOWABLE CATCHMENT = 85m²
- 4.5mm FIBRE CEMENT SOFFIT LINING INSTALLED TO MANUFACTURERS INSTRUCTIONS
- ALL FLASHINGS TO BE 0.55BMT COLORSTEEL. CHECK ALL SIZES ONSITE BEFORE COMMENCING.
- 90x45 H1.2 SG8 PRE FAB TIMBER TRUSSES AT 900 CRS MAX. TO MANUFACTURERS DESIGN
- 70x45 H1.2 SG8 PURLINS @ 900 CRS MAX SPACED TO SUIT ROOF CLADDING (FIRST PURLIN 600mm)
- ROOF STRUCTURE TO COMPLY WITH NZBC B1/VM1&NZS 3604:2011.
- REFER TO **PROJECT NOTES** FOR SELECTED PRODUCTS

TRUSSES
ALL TRUSS PROFILES TO BE PROVIDED BY THE MANUFACTURER WHEN PROVIDING THE TRUSS CERTIFICATE. ATTIC AND STORAGE TRUSS PROFILES MUST BE DIMENSIONED IF ANY.

ROOF BRACING AS PER TRUSS MANUFACTURER'S DESIGN

FIXING SCHEDULE		ALTERNATIVE
PURLIN TO RAFTER / TRUSS	10g SELF-DRILLING SCREW x 80mm LONG	min 2.4kN
RAFTER / TRUSS TO SUPPORT	2/90x3.15 SKEW NAILS + 2 WIRE DOGS	min 4.7kN

NZMRM COP : 0.40mm 5 RIB TRAPEZOIDAL G550 STEEL ROOFING

Purlin spacings (metres)		Wind zones				
End span	Intermediate span	Low	Medium	High	Very High	Extra High
~~0.4~~	~~0.6~~	~~5T2~~	~~5T2~~	~~5T2~~	~~5T2~~	~~5T2~~
0.6	0.9	~~5T2~~	~~5T2~~	5T2	~~5T3~~	~~5T3~~
~~0.8~~	~~1.2~~	~~5T2~~	~~5T2~~	~~5T3~~	~~5T4~~	~~5T4~~

NOTE: 5T2 fixing pattern is - Hit 1, miss 1...
5T3 fixing pattern is - Hit 2, miss 1, hit 1...
5T4 fixing pattern is - Hit all

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ROOF PLAN

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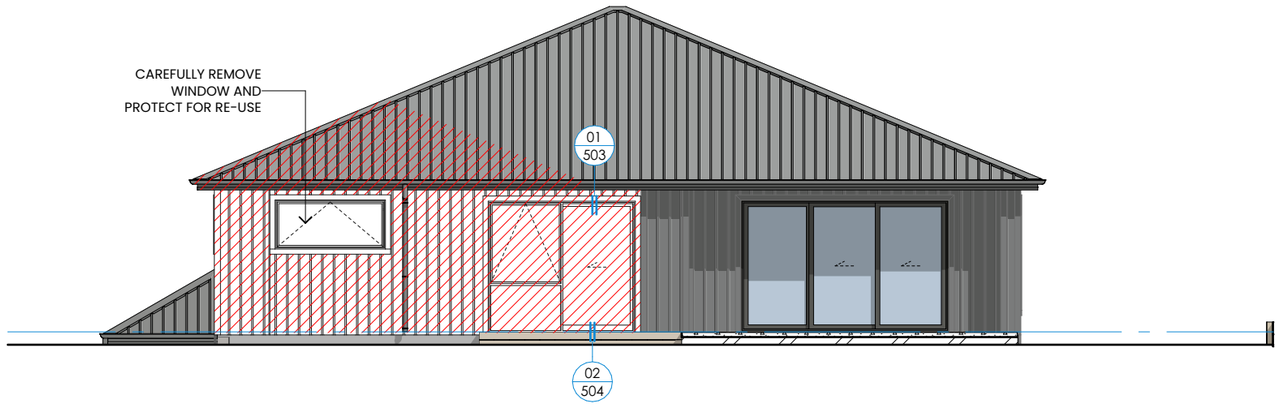
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EXISTING NORTH ELEVATION

SCALE 1:100 (A3)



EXISTING EAST ELEVATION

SCALE 1:100 (A3)

KEY

ITEMS FOR DEMOLITION/REMOVAL

ALL PLANS HAVE BEEN DRAWN FROM AN ON SITE MEASURE & HISTORICAL PLANS. WHILE ALL REASONABLE EFFORTS HAVE BEEN MADE TO ACCURATELY REPRESENT THE EXISTING BUILDING, THERE MAY BE DISCREPENCIES. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILTY TO VERIFY ON SITE ALL DIMENSIONS AND LEVELS PRIOR TO COMMENCING ANY WORKS.

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ELEVATIONS - EXISTING & DEMOLITION

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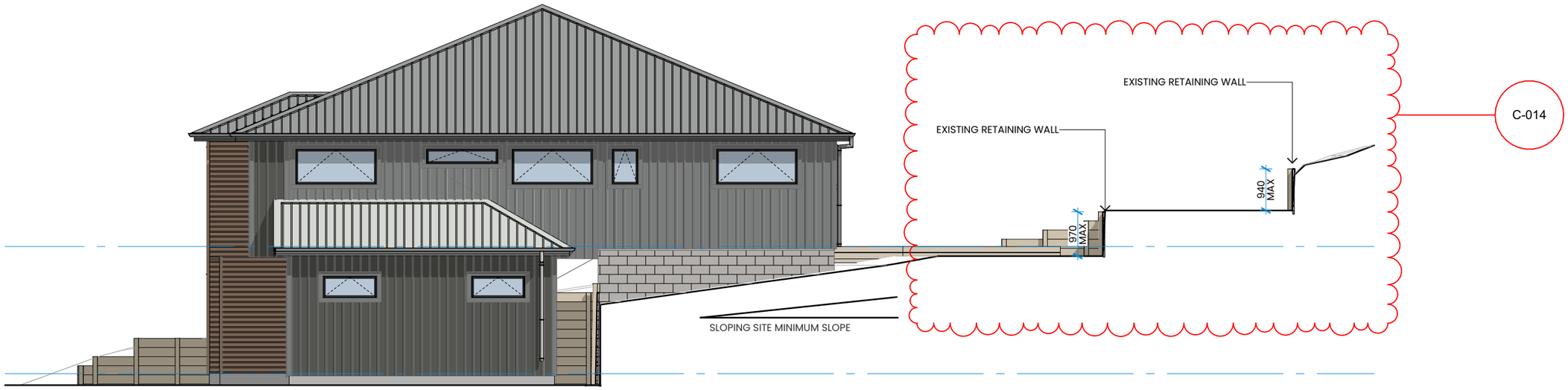
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EXISTING SOUTH ELEVATION

SCALE 1:100 (A3)



EXISTING WEST ELEVATION

SCALE 1:100 (A3)

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ELEVATIONS - EXISTING & DEMOLITION

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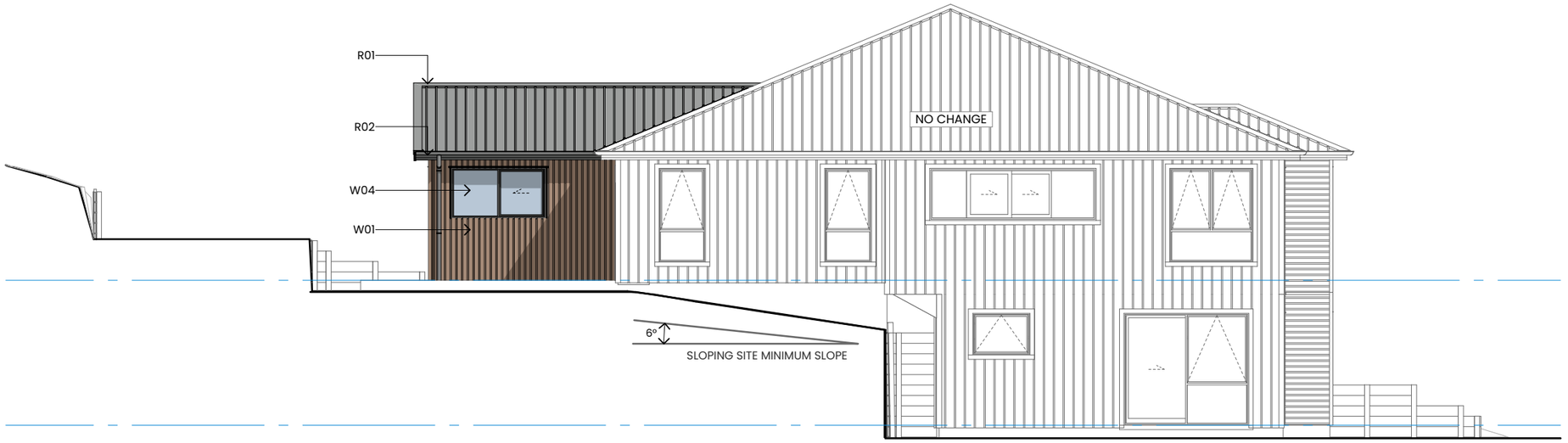
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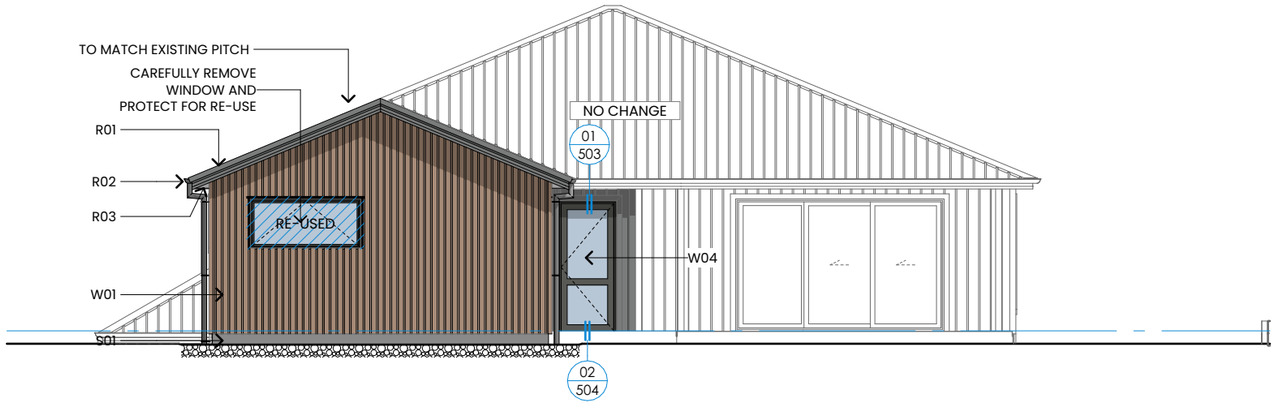
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PROPOSED NORTH ELEVATION

SCALE 1:100 (A3)



PROPOSED EAST ELEVATION

SCALE 1:100 (A3)

KEY NOTES

SLAB

S01 - *ENGINEERED SLAB ON DPM ON SAND BLINDING*
S02 - PERIMETER UNDERSLAB INSULATION

WALLS

W01 - *VERTICAL CEDAR SHIPLAP CLADDING*
W02 - *VERTICAL METAL TRAPEZOIDAL PROFILE LONGRUN CLADDING*
W02 - *90x45* H1.2 SG8 STUDS
W03 - WALL BATT TYPE INSULATION.
W04 - *SELECTED* POWDERCOATED ALUMINIUM DOUBLE GLAZED JOINERY
W05 - 10mm STANDARD GIB TO WALLS, PAINT FINISH

ROOF

R01 - *0.40BMT TRAPEZOIDAL PROFILE* ROOFING
R02 - *METAL QUARTER ROUND* COLORSTEEL GUTTER TO MATCH EXISTING OVER *METAL* FASCIA *SNOWSTRAPS @ 600 CRS.* MIN. 80mm ROUND DOWNPIPES
R03 - *4.5mm FIBRE CEMENT* SOFFIT LINING WITH *JOINTERS*
R04 - 13mm STANDARD GIB TO CEILING, PAINT FINISH
R05 - CEILING BATT TYPE INSULATION

MISC.

M01 - 90x45 H3.1 OUT RIGGER
M02 - MASONS INSUL BAFFLE 50mm

BUILDING ENVELOPE RISK MATRIX		
NORTH ELEVATION		
Risk Factor	**Risk Severity**	**Risk Score**
Wind zone (per NZS 3604)	High risk	1
Number of storeys	Low risk	0
Roof/wall intersection design	Low risk	0
Eaves width	High risk	2
Envelope complexity	Low risk	0
Deck design	Low risk	0
Total Risk Score:		**3**

BUILDING ENVELOPE RISK MATRIX		
EAST ELEVATION		
Risk Factor	**Risk Severity**	**Risk Score**
Wind zone (per NZS 3604)	High risk	1
Number of storeys	Low risk	0
Roof/wall intersection design	Low risk	0
Eaves width	Low risk	0
Envelope complexity	High risk	3
Deck design	Low risk	0
Total Risk Score:		**4**

CLADDING COLOURS:

VERTICAL METAL TRAPEZOIDAL PROFILE LONGRUN CLADDING SHALL BE PAINTED IN WINDSOR GREY TO MATCH THE EXISTING BUILDING.

TRAPEZOIDAL PROFILE ROOFING SHALL BE PAINTED IN WINDSOR GREY TO MATCH THE EXISTING BUILDING.

DULUX WINDSOR GREY LRV = 7%

NEW WINDOWS POWDER COATED IN MATTE BLACK/EBONY TO MATCH EXISTING.

MATTE BLACK/EBONY LRV = 5%

NEW CEDAR TO BE STAINED TO MATCH EXISTING WITH "WOOD X ASPIRING"

C-012

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BEDROOM + OFFICE EXTENSION

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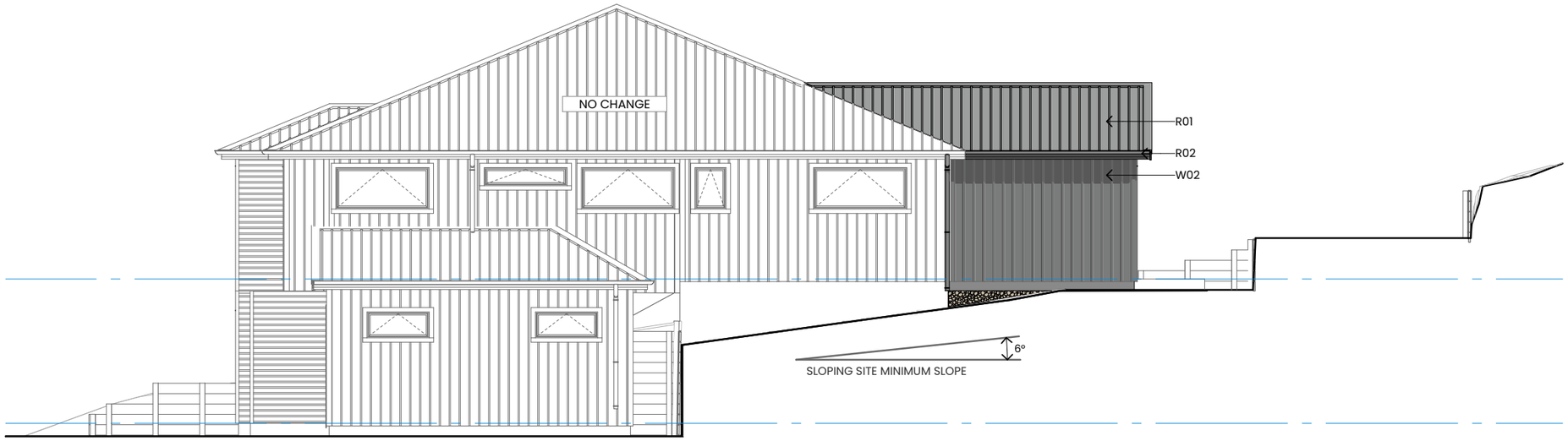
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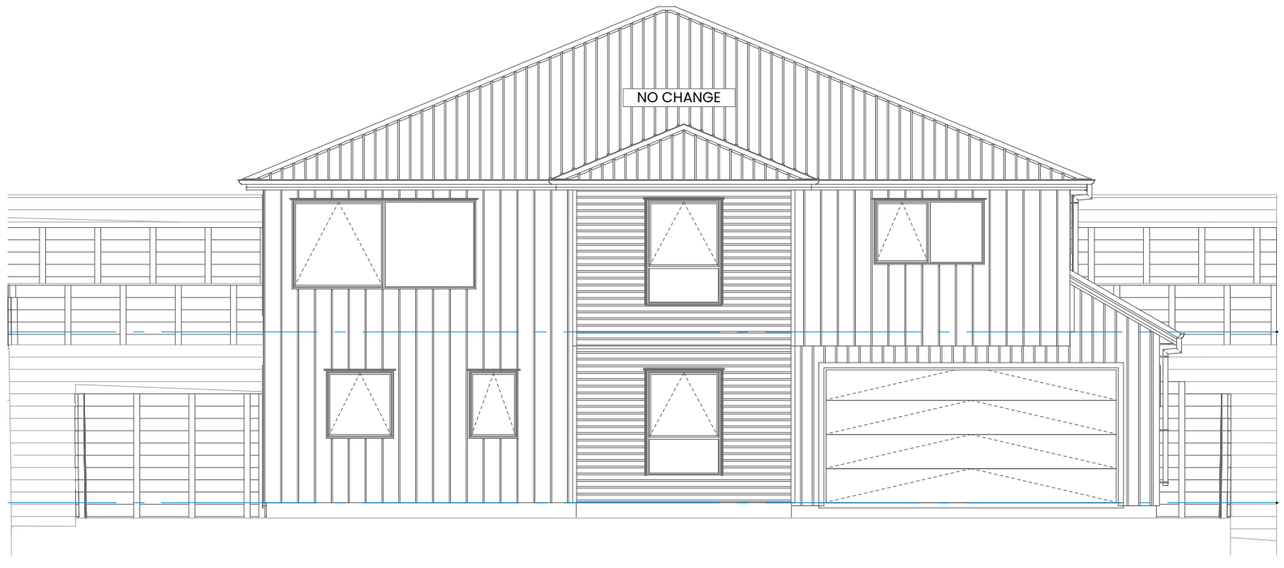
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PROPOSED SOUTH ELEVATION

SCALE 1:100 (A3)



PROPOSED WEST ELEVATION

SCALE 1:100 (A3)

KEY NOTES

SLAB

S01 - *ENGINEERED SLAB ON DPM ON SAND BLINDING*
S02 - PERIMETER UNDERSLAB INSULATION

WALLS

W01 - *VERTICAL CEDAR SHIPLAP CLADDING*
W02 - *VERTICAL METAL TRAPEZOIDAL PROFILE LONGRUN CLADDING*
W02 - *90x45* H1.2 SG8 STUDS
W03 - WALL BATT TYPE INSULATION.
W04 - *SELECTED* POWDERCOATED ALUMINIUM DOUBLE GLAZED JOINERY
W05 - 10mm STANDARD GIB TO WALLS, PAINT FINISH

ROOF

R01 - *0.40BMT TRAPEZOIDAL PROFILE* ROOFING
R02 - *METAL QUARTER ROUND* COLORSTEEL GUTTER TO MATCH EXISTING OVER *METAL* FASCIA *SNOWSTRAPS @ 600 CRS.* MIN. 80mm ROUND DOWNPIPES
R03 - *4.5mm FIBRE CEMENT* SOFFIT LINING WITH *JOINTERS*
R04 - 13mm STANDARD GIB TO CEILING, PAINT FINISH
R05 - CEILING BATT TYPE INSULATION

MISC.

M01 - *90x45 H3.1 OUT RIGGER*
M02 - *MASONS INSUL BAFFLE 50mm*

BUILDING ENVELOPE RISK MATRIX		
SOUTH ELEVATION		
Risk Factor	**Risk Severity**	**Risk Score**
Wind zone (per NZS 3604)	High risk	1
Number of storeys	Low risk	0
Roof/wall intersection design	Low risk	0
Eaves width	High risk	2
Envelope complexity	Low risk	0
Deck design	Low risk	0
Total Risk Score:		**3**

CLADDING COLOURS:

VERTICAL METAL TRAPEZOIDAL PROFILE LONGRUN CLADDING SHALL BE PAINTED IN WINDSOR GREY TO MATCH THE EXISTING BUILDING.

TRAPEZOIDAL PROFILE ROOFING SHALL BE PAINTED IN WINDSOR GREY TO MATCH THE EXISTING BUILDING.

DULUX WINDSOR GREY LRV = 7%

C-013

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ELEVATIONS - PROPOSED

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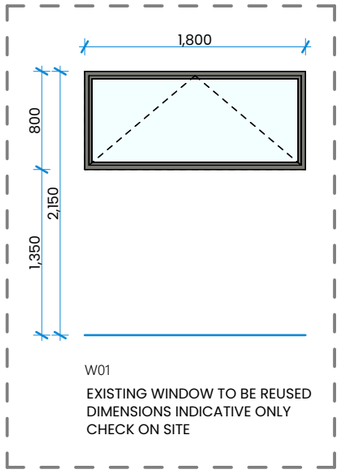
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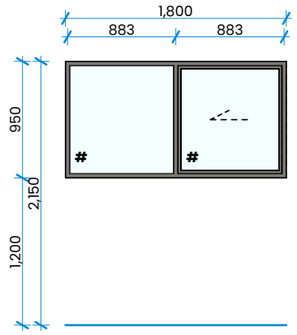
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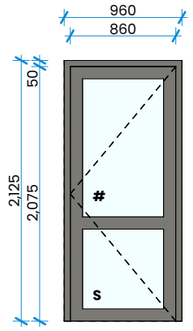


W01

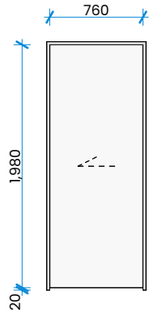
EXISTING WINDOW TO BE REUSED
DIMENSIONS INDICATIVE ONLY
CHECK ON SITE



W02

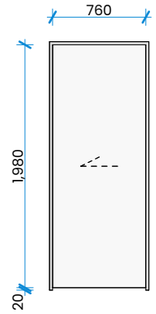


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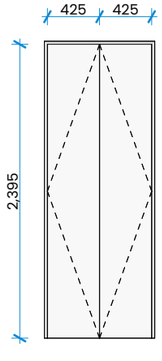
ID01

POCKET SLIDER

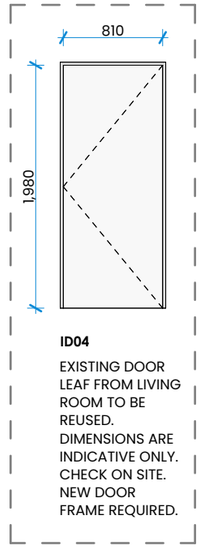


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POCKET SLIDER

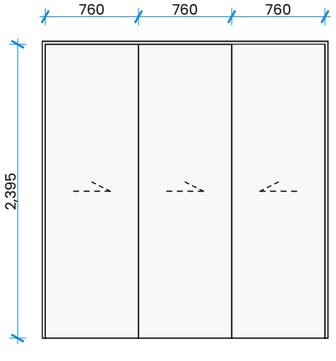


ID03



ID04

EXISTING DOOR LEAF FROM LIVING ROOM TO BE REUSED.
DIMENSIONS ARE INDICATIVE ONLY. CHECK ON SITE.
NEW DOOR FRAME REQUIRED.



ID05

GENERAL NOTES
ALL DOORS TO BE FLUSH PANEL PAINT GRADE
ALL REVEALS TO BE GROOVED FOR WALL LININGS

GENERAL NOTES:

ALL UNITS VIEWED FROM EXTERIOR

ALL DIMENSIONS ARE TO ROUGH OPENINGS AND ALL DIMENSIONS MUST BE SITE VERIFIED PRIOR TO MANUFACTURE

INSTALL RESTRICTORS TO OPENING WINDOWS WHERE THERE IS A RISK OF FALLING 1.0M AND OVER IN ACCORDANCE WITH NZBC CLAUSE F4/AS1

ALL EXTERNAL DOORS TO BE OPENABLE WITHOUT KEYS FROM INSIDE

ALL GLAZING TO COMPLY WITH NZS 4223.3:2016

REUSED JOINERY TO BE CHECKED ON SITE AND UPGRADED WHERE REQUIRED TO COMPLY WITH F4 AND NZS4223.

SITE SPECIFIC NOTES:

CLIMATE ZONE:	6
WIND ZONE:	HIGH
EXPOSURE ZONE:	B

LEGEND:
= FLOAT GLASS TO TABLE 2 WITH 5mm MIN.

WINDOW SPECIFICATION:

MANUFACTURER:	TBD
SUITE:	RESIDENTIAL (THERMALLY BROKEN)
JOINERY FRAME:	ALUMINIUM
FINISH:	POWDERCOAT
COLOUR:	(TBC)
GLAZING IGU:	DOUBLE: LOW-E4/CLEAR
GAS:	ARGON 90%
SPACER:	THERMALLY IMPROVED WARM EDGE
WINDOW R-VALUE:	**R 0.50** (m^2K/W)
GLAZING U-VALUE:	U_G 1.10

ALL PLANS HAVE BEEN DRAWN FROM AN ON SITE MEASURE & HISTORICAL PLANS. WHILE ALL REASONABLE EFFORTS HAVE BEEN MADE TO ACCURATELY REPRESENT THE EXISTING BUILDING, THERE MAY BE DISCREPENCIES. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILTY TO VERIFY ON SITE ALL DIMENSIONS AND LEVELS PRIOR TO COMMENCING ANY WORKS.

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WINDOW & INTERNAL DOOR SCHEDULE

CONTRACTOR TO CHECK AND CONFIRM ALL DIMENSIONS ONSITE

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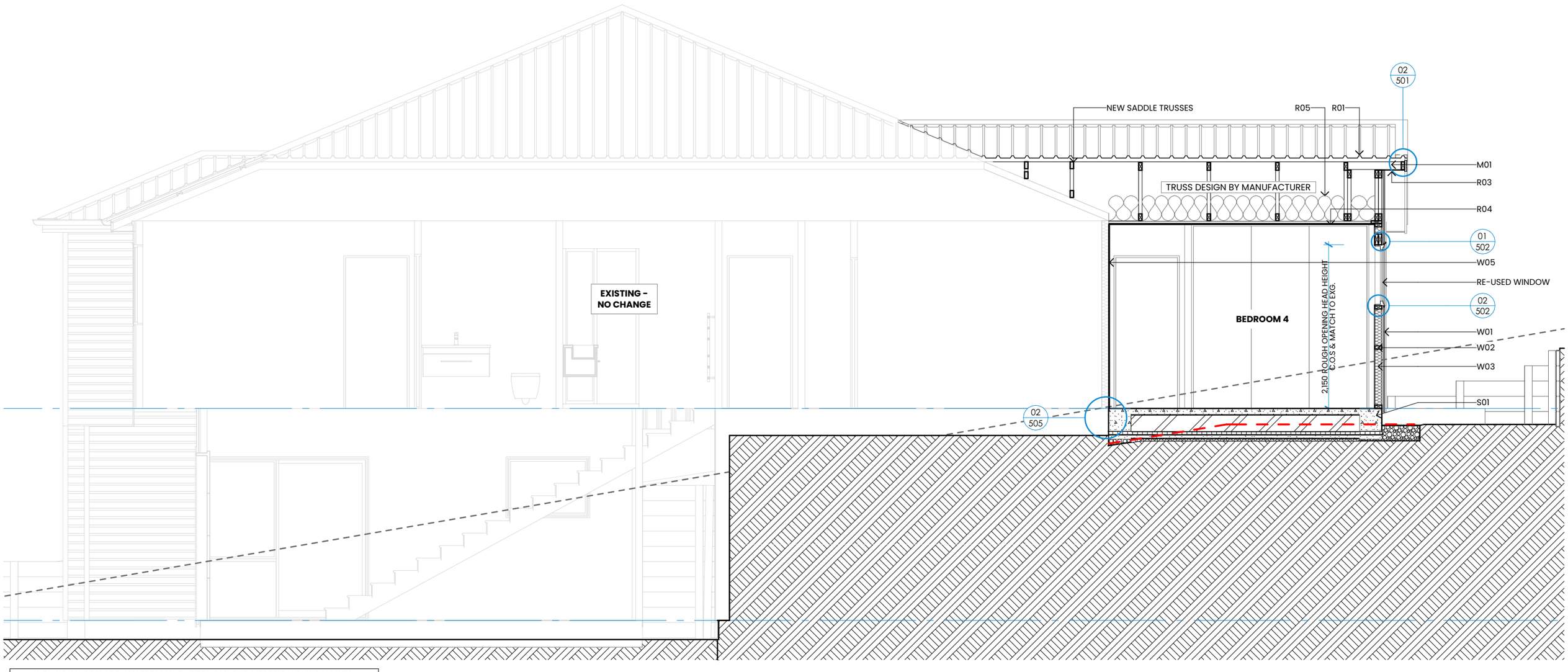
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KEY NOTES
SLAB
S01 - *ENGINEERED SLAB ON DPM ON SAND BLINDING*
S02 - PERIMETER UNDERSLAB INSULATION

WALLS
W01 - *VERTICAL CEDAR SHIPLAP CLADDING*
W02 - *VERTICAL METAL TRAPEZOIDAL PROFILE LONGRUN CLADDING*
W02 - *90x45* H1.2 SG8 STUDS
W03 - WALL BATT TYPE INSULATION.
W04 - *SELECTED* POWDERCOATED ALUMINIUM DOUBLE GLAZED JOINERY
W05 - 10mm STANDARD GIB TO WALLS, PAINT FINISH

ROOF
R01 - *0.40BMT TRAPEZOIDAL PROFILE* ROOFING
R02 - *METAL QUARTER ROUND* COLORSTEEL GUTTER TO MATCH EXISTING OVER *METAL* FASCIA *SNOWSTRAPS @ 600 CRS.* MIN. 80mm ROUND DOWNPIPES
R03 - *4.5mm FIBRE CEMENT* SOFFIT LINING WITH *JOINTERS*
R04 - 13mm STANDARD GIB TO CEILING, PAINT FINISH
R05 - CEILING BATT TYPE INSULATION

MISC.
M01 - *90x45 H3.1 OUT RIGGER*
M02 - *MASONS INSUL BAFFLE 50mm*



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SECTION A

CONTRACTOR TO CHECK AND CONFIRM ALL DIMENSIONS ONSITE

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KEY NOTES

SLAB

S01 - *ENGINEERED SLAB ON DPM ON SAND BLINDING*
S02 - PERIMETER UNDERSLAB INSULATION

WALLS

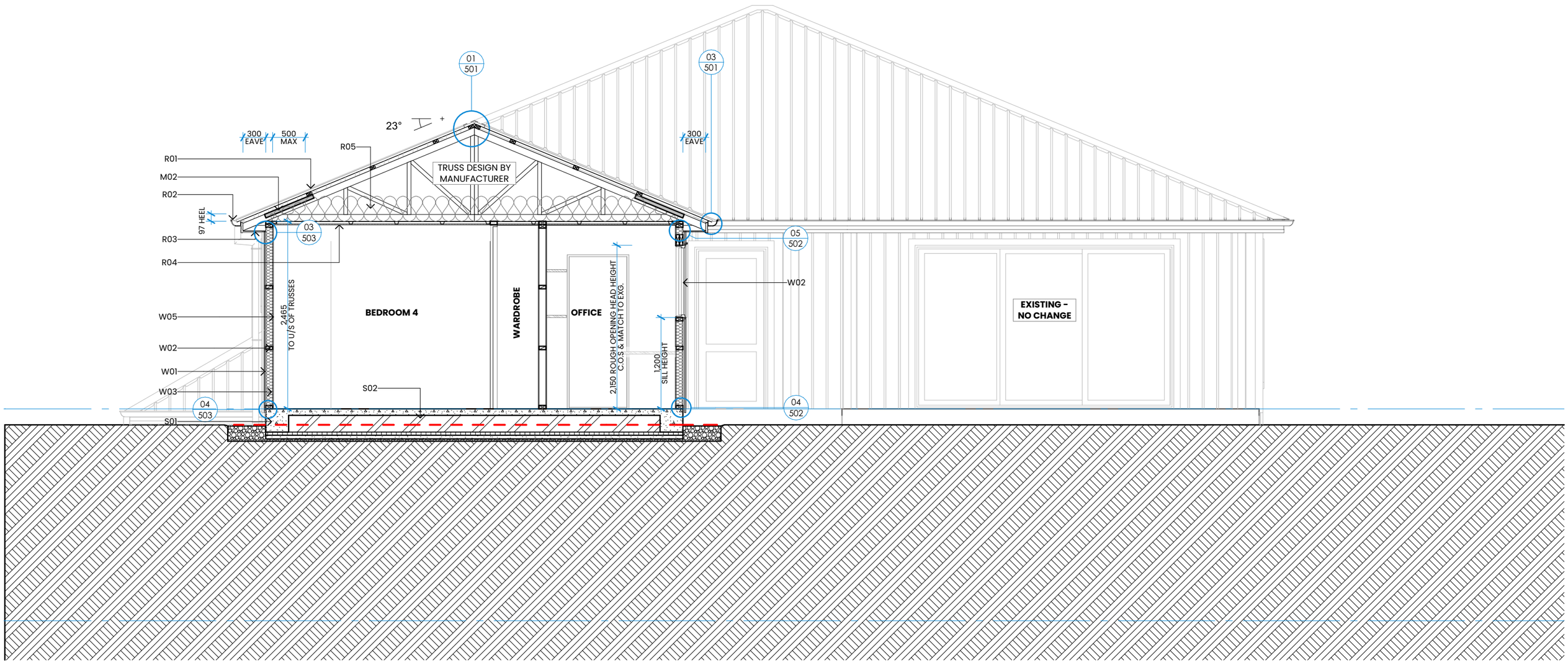
W01 - *VERTICAL CEDAR SHIPLAP CLADDING*
W02 - *VERTICAL METAL TRAPEZOIDAL PROFILE LONGRUN CLADDING*
W02 - *90x45* H1.2 SG8 STUDS
W03 - WALL BATT TYPE INSULATION.
W04 - *SELECTED* POWDERCOATED ALUMINIUM DOUBLE GLAZED JOINERY
W05 - 10mm STANDARD GIB TO WALLS, PAINT FINISH

ROOF

R01 - *0.40BMT TRAPEZOIDAL PROFILE* ROOFING
R02 - *METAL QUARTER ROUND* COLORSTEEL GUTTER TO MATCH EXISTING OVER *METAL* FASCIA *SNOWSTRAPS @ 600 CRS.* MIN. 80mm ROUND DOWNPIPES
R03 - *4.5mm FIBRE CEMENT* SOFFIT LINING WITH *JOINTERS*
R04 - 13mm STANDARD GIB TO CEILING, PAINT FINISH
R05 - CEILING BATT TYPE INSULATION

MISC.

M01 - *90x45 H3.1 OUT RIGGER*
M02 - *MASONS INSUL BAFFLE 50mm*



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SECTION B

CONTRACTOR TO CHECK AND CONFIRM ALL DIMENSIONS ONSITE

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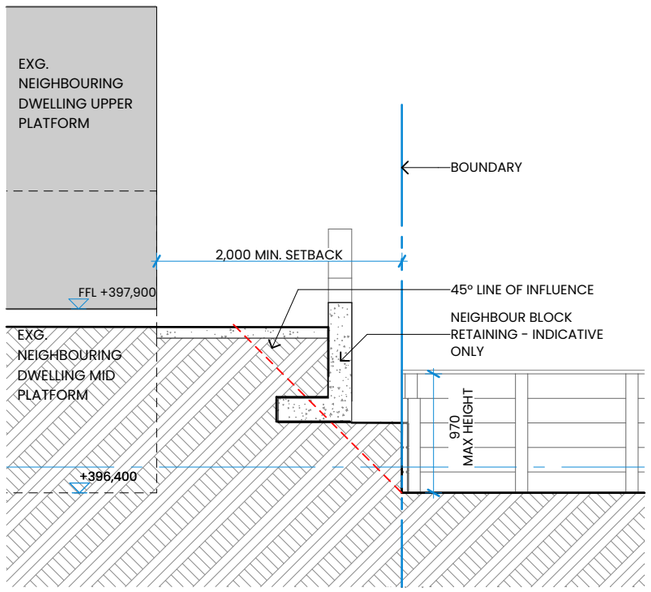
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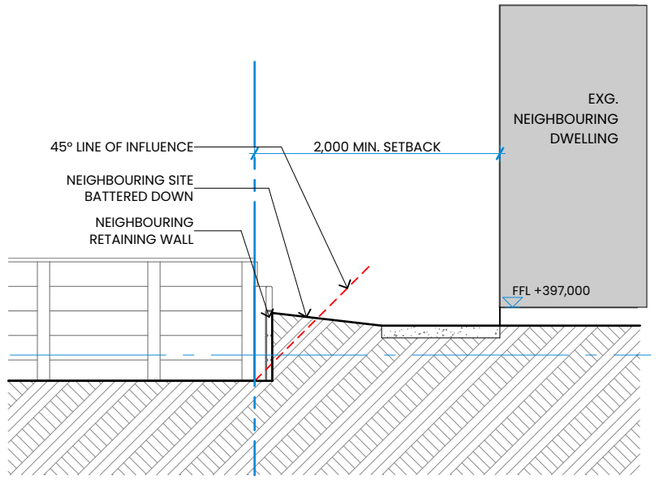
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1 / 402 LINE OF INFLUENCE - WEST

Scale 1:50



2 / 402 LINE OF INFLUENCE - EAST

Scale 1:50

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LINE OF INFLUENCE TO NEIGHBOUR PROPERTY

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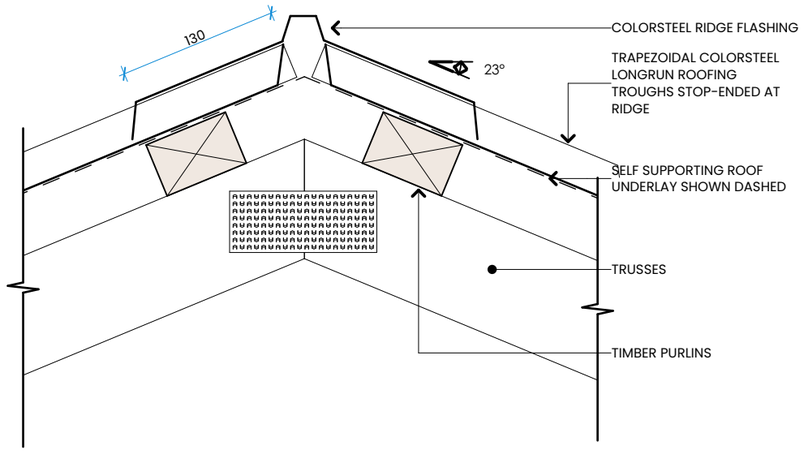
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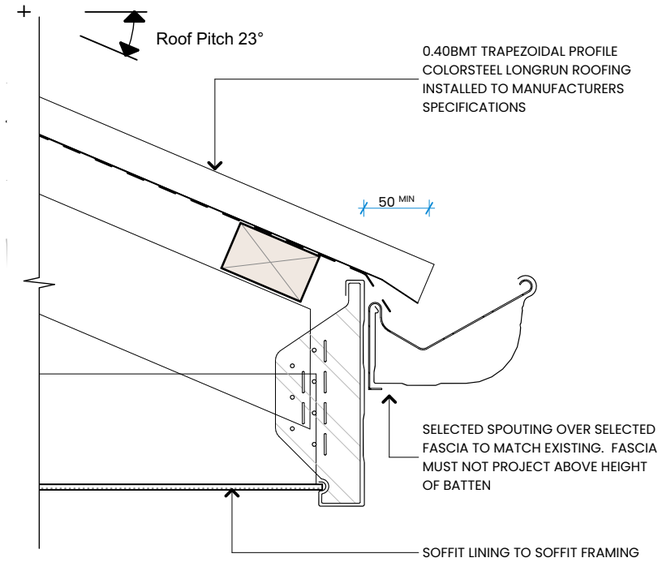
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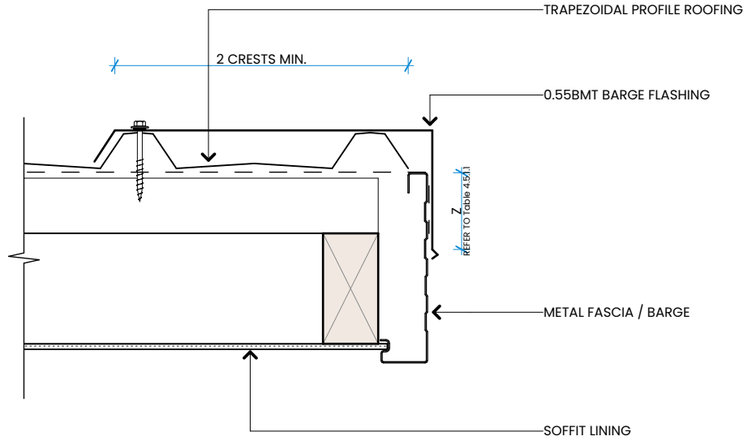
Part extract from E2/AS1 Table 4.5.1.1

TYPE	DESCRIPTION	SITUATION1(2) minimum mm	SITUATION2(3) minimum mm	SITUATION3(3a) minimum mm	FIGURE REFERENCE
RIDGES/HIPS	Transverse flashing over roofing	130(4)	~~200(4)~~	~~200mm~~	Figures 43, 45b, 46

01 RIDGE DETAIL
402 Scale 1:5



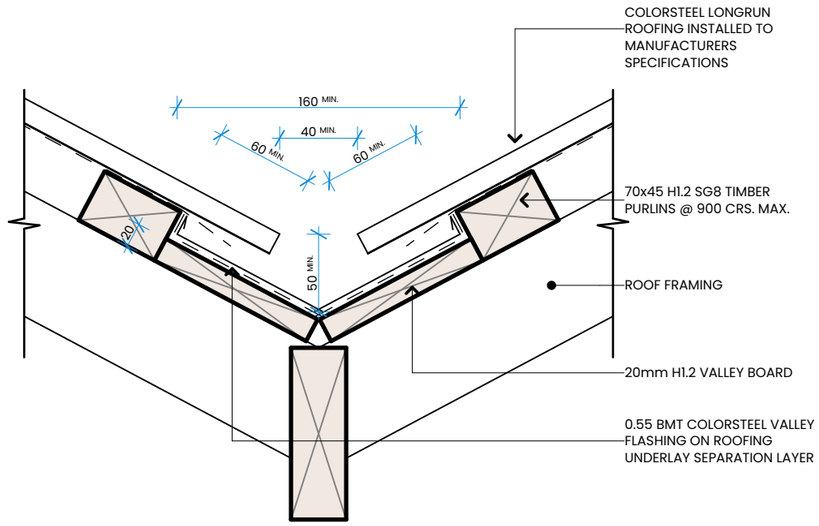
03 SPOUTING DETAIL
402 Scale 1:5



Part extract from E2/AS1 Table 4.5.1.1

TYPE	DESCRIPTION	SITUATION1(2) minimum mm	SITUATION2(3) minimum mm	SITUATION3(3a) minimum mm	FIGURE REFERENCE
BARGES	Overlaps to barge boards	50(8)	~~75(8)~~	~~50mm~~	Figure 47(Z values)

02 BARDGE DETAIL
401 Scale 1:5



VALLEY DETAIL - CATCHMENT IS LESS THAN 16m²

04 VALLEY DETAIL
209 Scale 1:5

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ROOF DETAILS

CONTRACTOR TO CHECK AND CONFIRM ALL DIMENSIONS ONSITE

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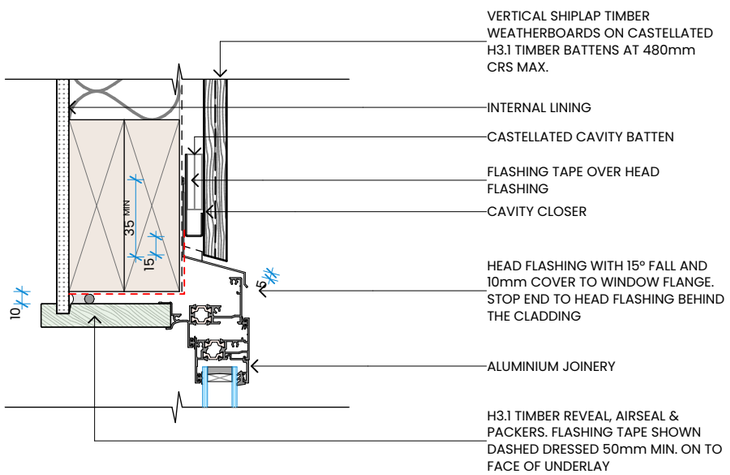
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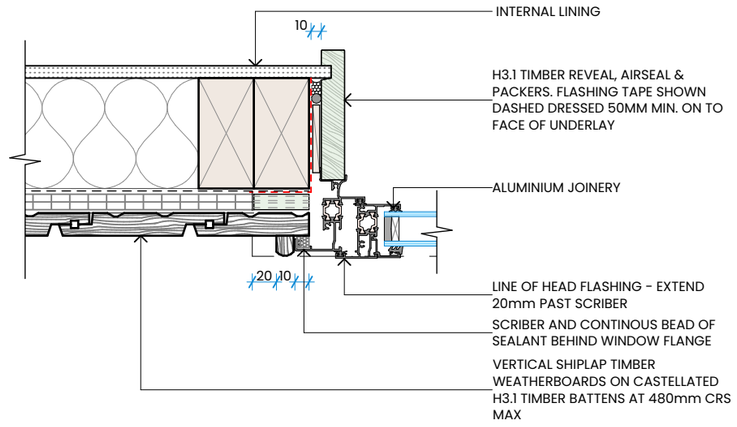
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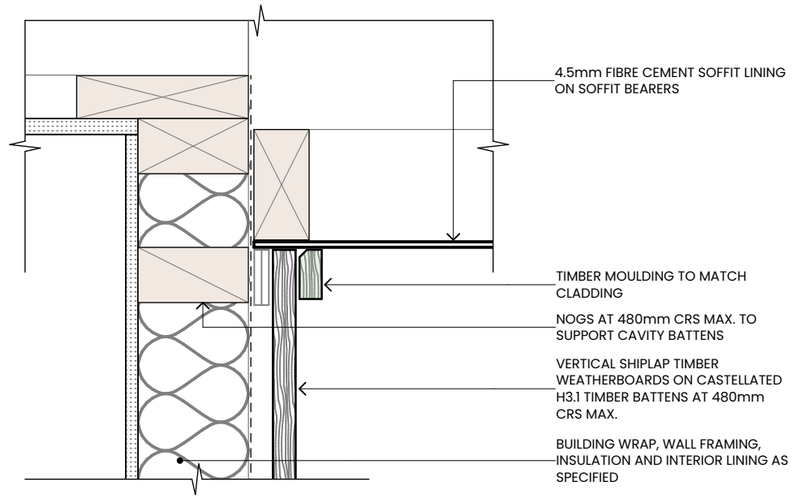
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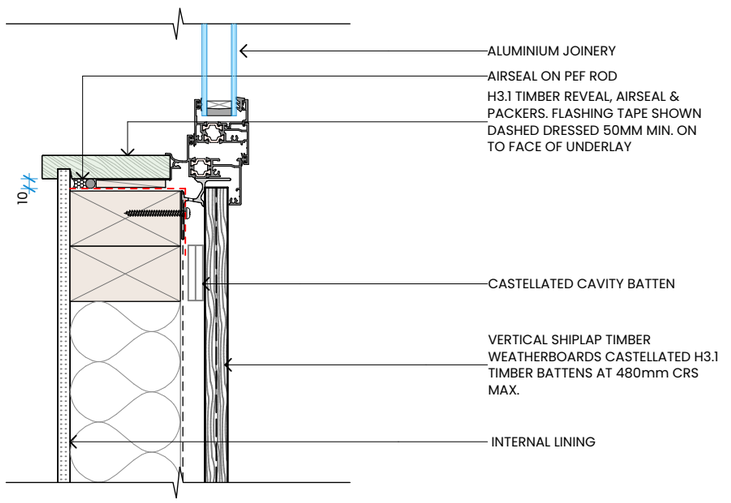
01 WINDOW HEAD TIMBER CLADDING
402 Scale 1:5



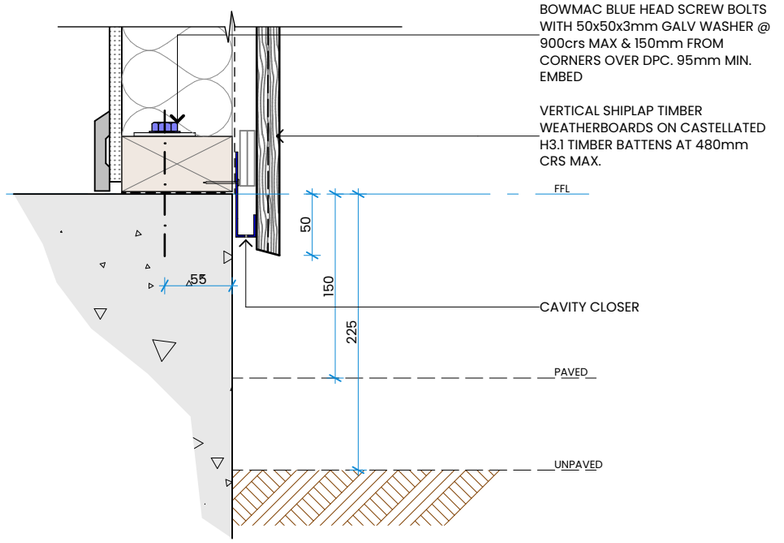
03 WINDOW JAMB TIMBER CLADDING
402 Scale 1:5



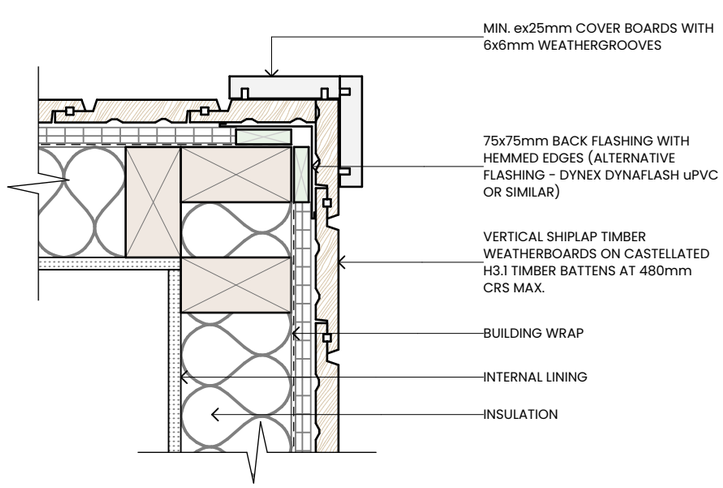
05 TIMBER CLADDING TO SOFFIT
402 Scale 1:5



02 WINDOW SILL TIMBER CLADDING
402 Scale 1:5



04 TIMBER CLADDING TO SLAB
402 Scale 1:5



06 EXTERNAL CORNER TIMBER CLADDING
402 Scale 1:5

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TIMBER CLADDING DETAILS

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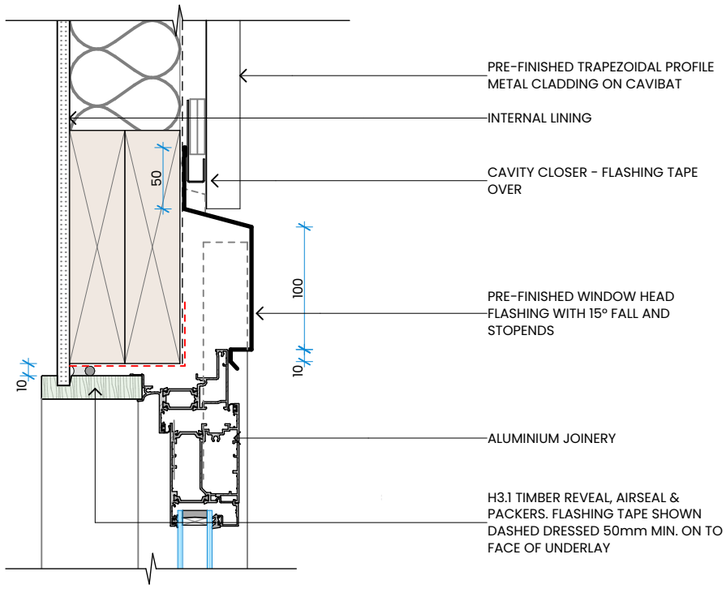
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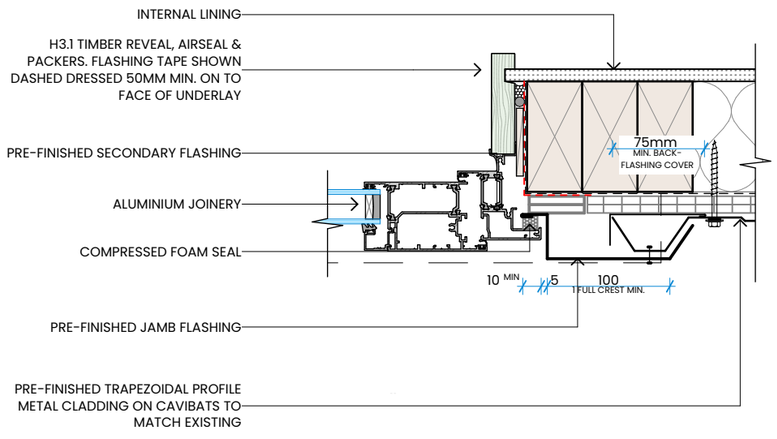
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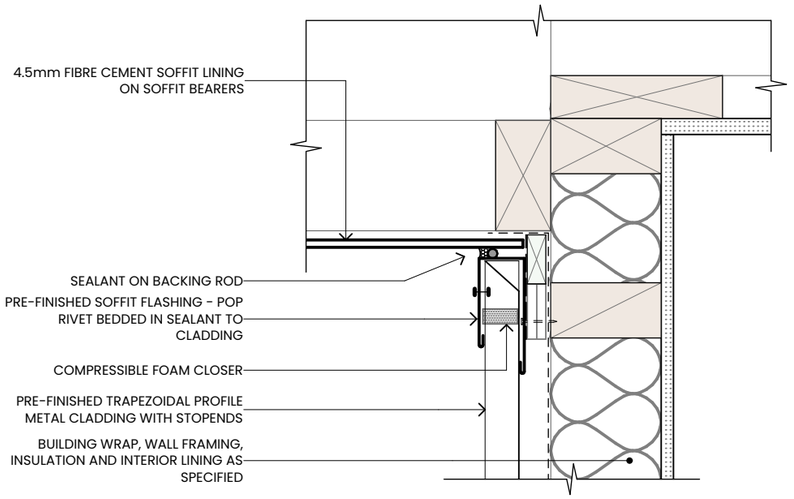
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01 WINDOW HEAD METAL CLADDING
402 Scale 1:5

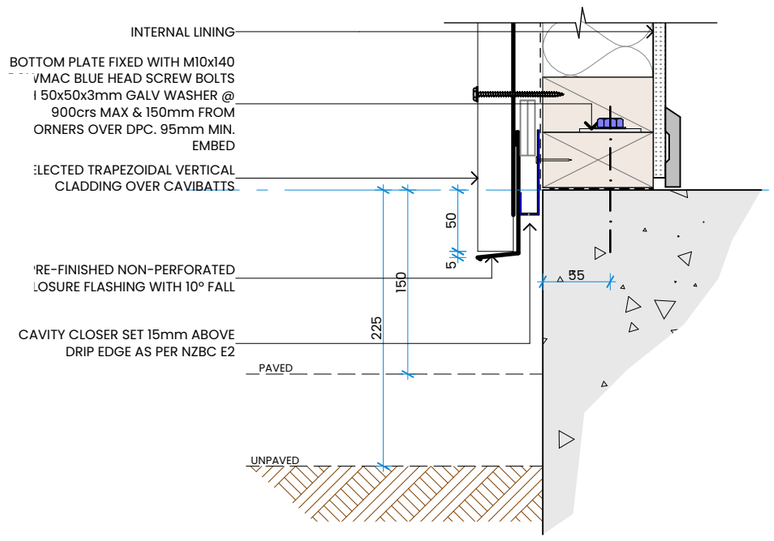


02 WINDOW JAMB METAL CLADDING
402 Scale 1:5

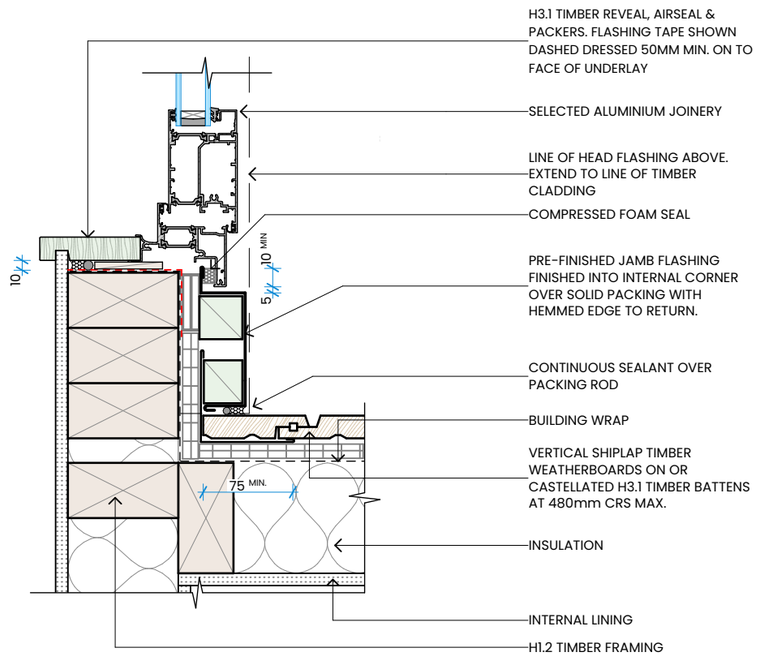


PROVIDE EPDM BETWEEN METAL CLADDING / FLASHINGS AND TREATED TIMBER
VISIBLE FIXINGS TO BE COLOUR MATCHED TO METAL CLADDING / FLASHINGS

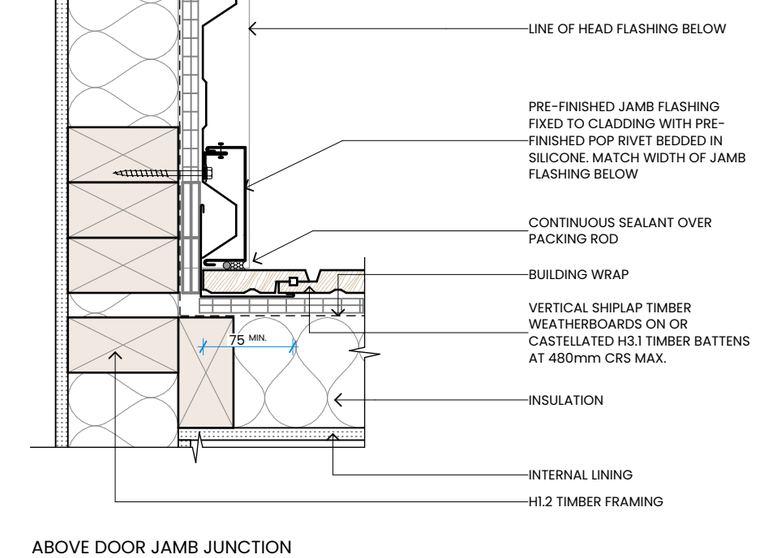
03 METAL CLADDING TO SOFFIT
402 Scale 1:5



04 METAL CLADDING TO SLAB
402 Scale 1:5



DOOR JAMB JUNCTION



ABOVE DOOR JAMB JUNCTION

06 INTERNAL CORNER/JOINERY JUNCTION
402 Scale 1:5

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METAL CLADDING DETAILS

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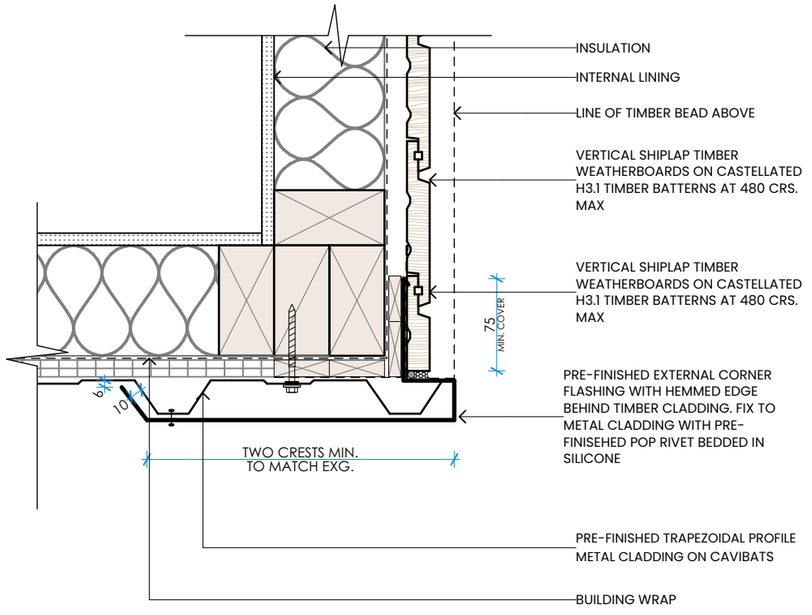
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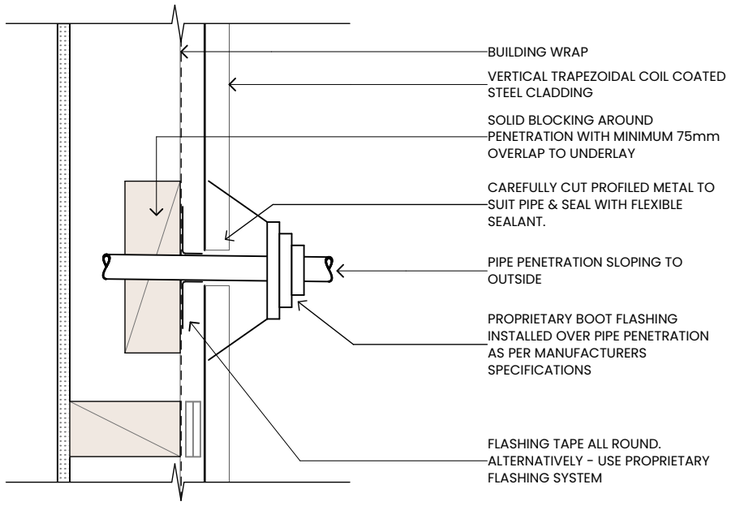
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01 402 EXTERNAL CORNER DIFFERING CLADDINGS

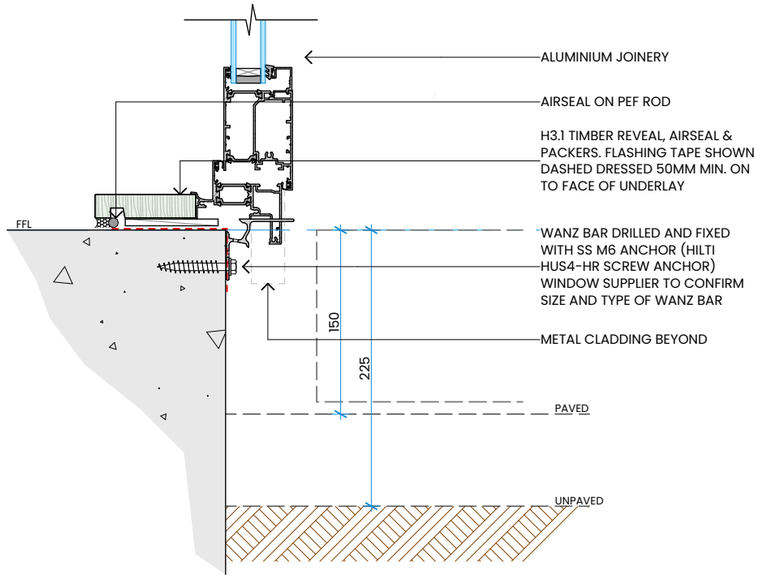
Scale 1:5



NOTE: WHERE A PENETRATION IN THE CLADDING IS REQUIRED THIS WILL BE LOCATED IN THE REAR WALL WHERE METAL TRAPEZOIDAL CLADDING IS USED. CONTACT DESIGNER FOR ADDITIONAL DETAIL IF REQUIRED IN TIMBER CLADDING.

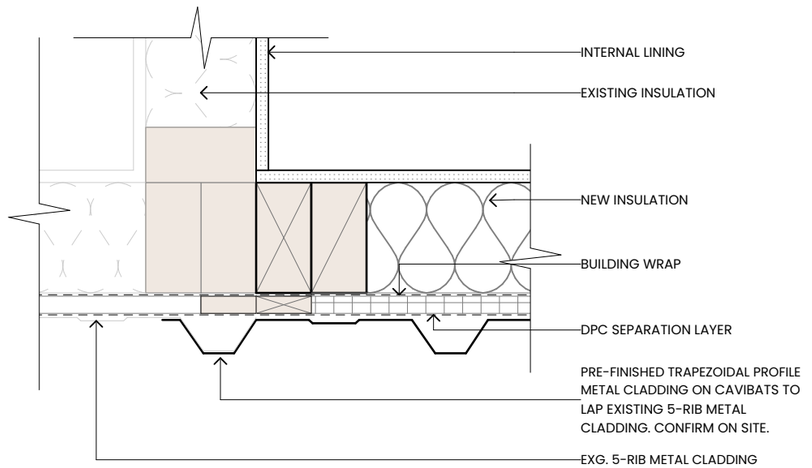
03 402 METAL CLADDING PENETRATION DETAIL

Scale 1:5



02 402 WINDOW SILL TO SLAB

Scale 1:5



04 402 METAL CLADDING ABUTTING DETAIL

Scale 1:5

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METAL CLADDING DETAILS

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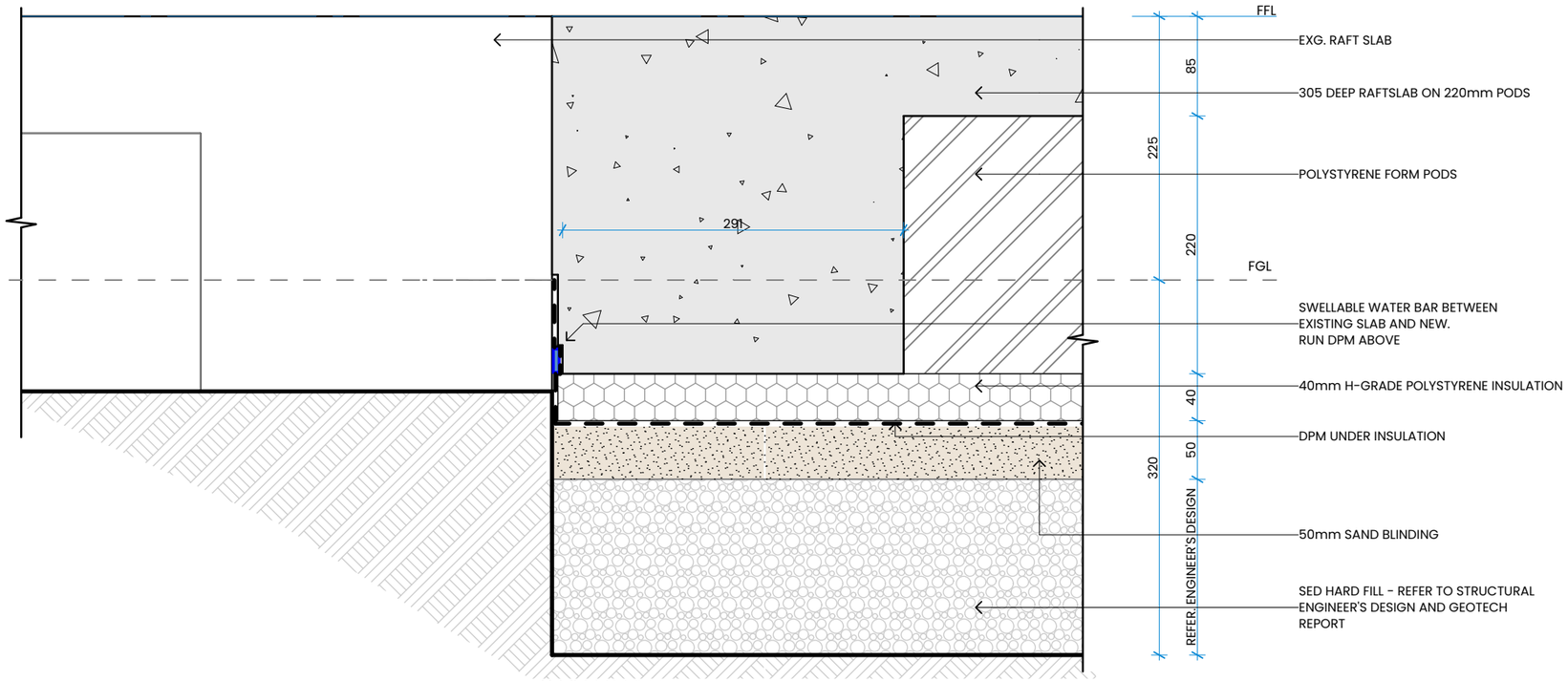
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NOTE: THIS DETAIL IS PROVIDED WHERE THE DPM UNDER THE EXISTING SLAB IS NOT ABLE TO BE FOUND OR LAPPED 150mm. WHERE THE DPM IS ABLE TO BE LAPPED A MIN. OF 150mm (WITHOUT UNDERMINING THE SLAB), THIS METHOD IS TO BE PREFERRED OVER THE ABOVE DETAIL.

REFER TO STRUCTURAL ENGINEER'S DESIGN FOR STRUCTURAL CONNECTION OF NEW SLAB TO EXISTING SLAB AND FOR SLAB DIMENSIONS. WHERE CONFLICT IS FOUND, THE STRUCTURAL ENGINEER'S DRAWINGS SUPERSEDE THE ARCHITECTURAL DRAWINGS.

02 / 402 SLAB CONNECTION

Scale 1:5

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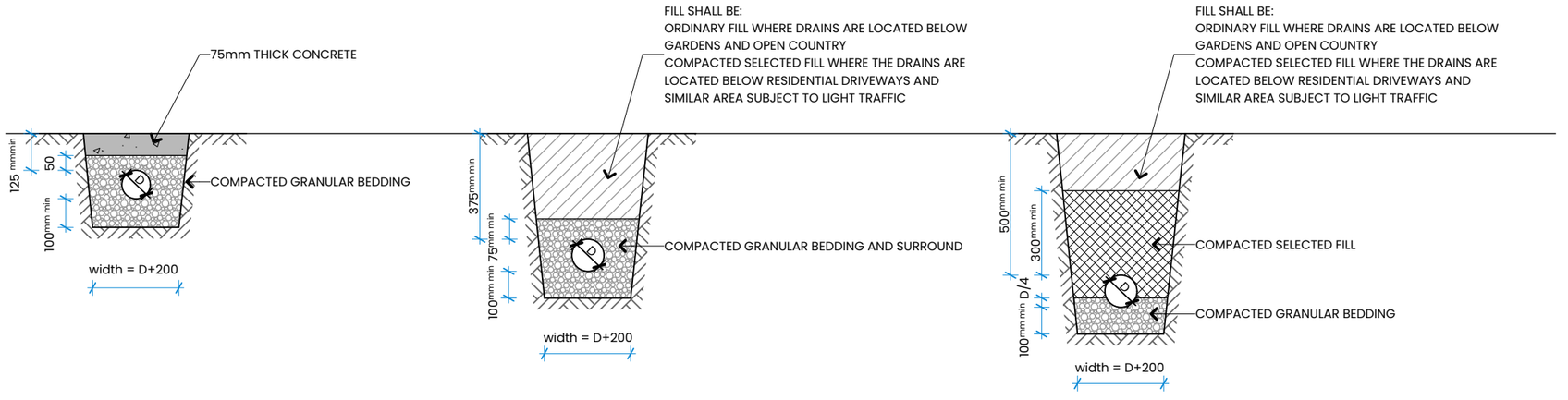
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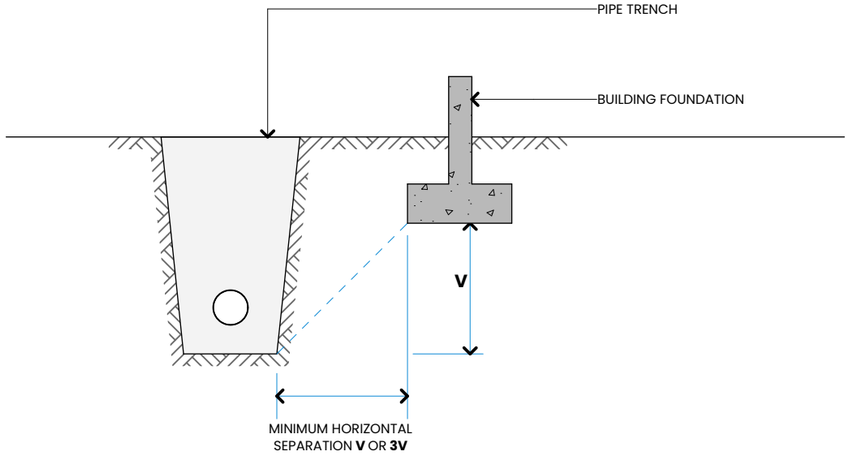


COVER GREATER THAN 125mm

COVER GREATER THAN 375mm

COVER GREATER THAN 500mm

PIPE BEDDING AND BACKFILLING
NZBC E1/AS1 FIGURE 13 & G13/AS2 FIGURE 7



FOR LIGHT TIMBER FRAME AND CONCRETE MASONRY BUILDINGS CONSTRUCTED TO NZS 3604 OR NZS 4229 IN ACCORDANCE WITH B1/AS1, PIPE TRENCHES WHICH ARE OPEN FOR NO LONGER THAN 48 HOURS SHALL BE LOCATED NO CLOSER THAN DISTANCE 'V' (SEE FIGURE 14) TO THE UNDERSIDE OF ANY BUILDING FOUNDATION. WHERE THE TRENCH IS TO REMAIN OPEN FOR PERIODS LONGER THAN 48 HOURS, THE MINIMUM HORIZONTAL SEPARATION SHALL INCREASE TO 3V IN ALL GROUND EXCEPT R

RELATIONSHIP OF PIPE TRENCH TO BUILDING FOUNDATION
NZBC E1/AS1 FIGURE 14 & G13/AS2 FIGURE 8

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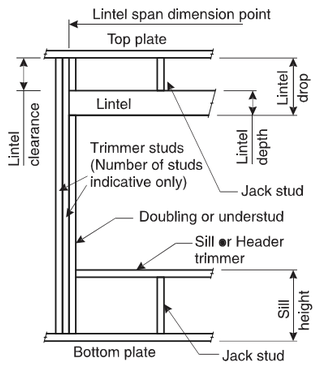
LINTEL FIXING SCHEDULE

ALTERNATIVE TO TABLE 8.14 & FIGURE 8.12
NZS 3604:2011

NOTE:

- ★ All fixings are designed for vertical loads only. Dead loads include the roof weight and standard ceiling weight of 0.20kPa.
- ★ Refer to Table 8.19 NZS 3604:2011 for nailing schedule to resist horizontal loads.
- ★ These fixings assume the correct choice of rafter/truss to top plate connections have been made.
- ★ All fixings assume bottom plate thickness of 45mm maximum. Note: TYLOK options on timber species.
- ★ Wall framing arrangements under girder trusses are not covered in this schedule.
- ★ All timber selections are as per NZS 3604:2011.

DEFINITIONS



Lintel Supporting Girder Trusses

Roof Tributary Area	Light Roof Wind Zone			Heavy Roof Wind Zone		
	L, M, H	VH	EH	L, M, H	VH	EH
8.6m²	G	G	H	G	G	H
11.6m²	G	H	H	G	G	H
12.1m²	G	H	H	G	H	H
15.3m²	H	H	-	G	H	H
19.1m²	H	-	-	G	H	-
20.9m²	H	-	-	H	H	-
21.8m²	H	-	-	H	-	-
34.3m²	-	-	-	H	-	-

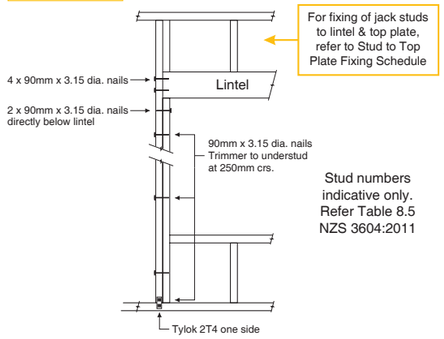
NOTES:
1. Roof Tributary Area = approx. 1/2 x (Total roof area on girder and rafter trusses supported by lintel)
2. Assumed girder truss is at mid-span or middle third span of lintel
3. Use similar fixings for both ends of lintel
4. All other cases require specific engineering design

Lintel Span (m)	Loaded Dimension (m) (See Fig. 1.3 NZS 3604:2011)	Light Roof Wind Zone					Heavy Roof Wind Zone				
		L	M	H	VH	EH	L	M	H	VH	EH
1.0	2.0	E	E	E	F	F	E	E	E	E	F
	3.0	E	E	F	F	F	E	E	E	F	F
	4.0	E	F	F	F	G	E	E	F	F	F
	5.0	E	F	F	G	G	E	E	F	F	G
	6.0	E	F	F	G	G	E	E	F	F	G
1.2	2.0	E	E	F	F	F	E	E	E	F	F
	3.0	E	E	F	F	F	E	E	F	F	F
	4.0	E	F	F	G	G	E	E	F	F	G
	5.0	E	F	F	G	G	E	E	F	F	G
	6.0	F	F	G	G	H	E	E	F	G	G
1.5	2.0	E	E	F	F	F	E	E	E	F	F
	3.0	E	F	F	F	G	E	E	F	F	F
	4.0	E	F	F	G	G	E	E	F	F	G
	5.0	F	F	G	G	H	E	E	F	G	G
	6.0	F	F	G	H	H	E	E	F	G	H
2.0	2.0	E	F	F	F	G	E	E	F	F	F
	3.0	E	F	F	G	G	E	E	F	F	G
	4.0	F	F	G	G	H	E	E	F	G	G
	5.0	F	F	G	H	H	E	E	F	G	H
	6.0	F	G	G	H	H	E	F	G	H	H
2.4	2.0	E	F	F	G	G	E	E	F	F	G
	3.0	F	F	G	G	H	E	E	F	G	G
	4.0	F	F	G	H	H	E	E	F	G	H
	5.0	F	G	G	H	H	E	F	G	H	H
	6.0	F	G	H	H	-	E	F	G	H	H
3.0	2.0	E	F	F	G	G	E	E	F	F	G
	3.0	F	F	G	H	H	E	E	F	G	H
	4.0	F	G	G	H	H	E	F	G	H	H
	5.0	F	G	H	H	-	E	F	G	H	H
	6.0	F	G	H	-	-	E	F	G	H	-
3.6	2.0	F	F	G	G	H	E	E	F	G	G
	3.0	F	F	G	H	H	E	F	G	G	H
	4.0	F	G	H	H	-	E	F	G	H	H
	5.0	F	G	H	-	-	E	F	G	H	-
	6.0	G	H	H	-	-	E	F	H	-	-
4.2	2.0	F	F	G	G	H	E	E	F	G	G
	3.0	F	G	H	H	-	E	F	G	H	H
	4.0	F	G	H	-	-	E	F	G	H	-
	5.0	G	H	H	-	-	E	F	H	-	-
	6.0	G	H	-	-	-	E	F	H	-	-
4.5	2.0	F	F	G	H	H	E	E	F	G	H
	3.0	F	G	H	H	-	E	F	G	H	H
	3.4	F	G	H	H	-	E	F	G	H	H
	4.0	F	G	H	-	-	E	F	G	H	-
	5.0	G	H	-	-	-	E	F	H	-	-
	6.0	G	H	-	-	-	E	F	H	-	-
4.8	2.0	F	F	G	H	H	E	E	F	G	H
	3.0	F	G	H	H	-	E	F	G	H	H
	3.2	F	G	H	H	-	E	F	G	H	H
	4.0	F	G	H	-	-	E	F	H	H	-
	5.0	G	H	-	-	-	E	F	H	-	-
	6.0	G	H	-	-	-	E	F	H	-	-
5.1	2.0	F	F	G	H	H	E	F	G	G	H
	3.0	F	G	H	H	-	E	F	G	H	H
	3.5	F	G	H	-	-	E	F	G	H	-
	4.0	G	G	H	-	-	E	F	H	H	-
	5.0	G	H	-	-	-	E	F	H	-	-
	6.0	G	H	-	-	-	E	F	H	-	-
5.4	2.0	F	F	G	H	H	E	F	G	G	H
	2.8	F	G	H	H	-	E	F	G	H	H
	3.0	F	G	H	-	-	E	F	G	H	-
	4.0	G	H	H	-	-	E	F	H	-	-
	5.0	G	H	-	-	-	E	F	H	-	-
	6.0	G	H	-	-	-	E	G	H	-	-

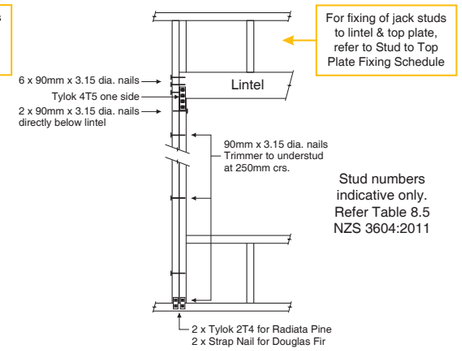
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LINTEL FIXING OPTIONS

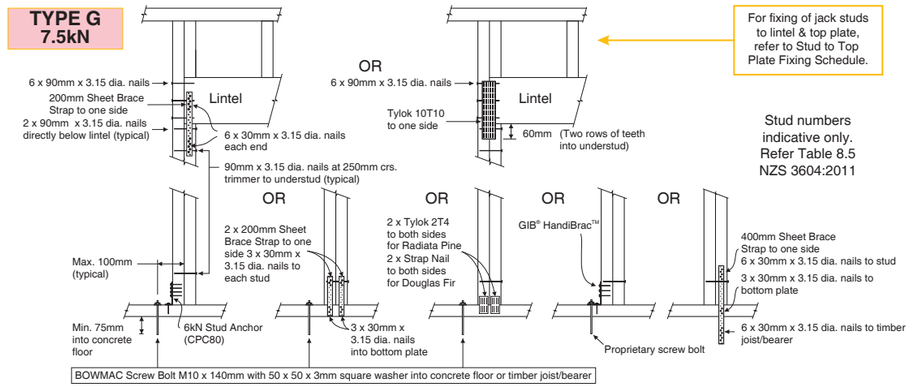
TYPE E 1.4kN



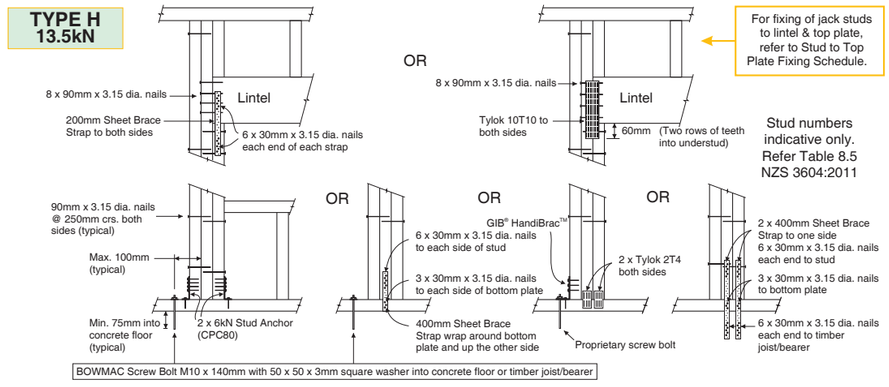
TYPE F 4.0kN



TYPE G 7.5kN



TYPE H 13.5kN



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LUMBERLOK LINTEL FIXING

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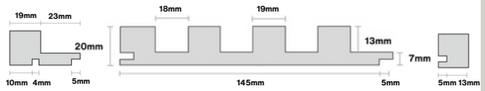
Installation Guide

Introduction:

Feature Panel's versatile woodgrain laminate panels replicate the beauty of natural wood with practical design benefits such as durability, affordability, colour consistency, and easy cleaning. Each panel is crafted with a tongue and groove system with matching edge and corner trims available for an easy and flawless installation. The core composition of our laminate range consists of 17-20mm pine wood with a laminated front face.

Technical Specifications:

Batten T&G Wood Panel - Batten 20 Oak

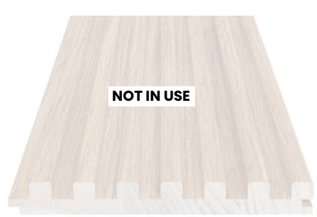




SKU	WIDTH	LENGTH	THICKNESS
B2000128	150mm	2800mm	20mm
B2000128EDGE	18-41mm	2800mm	17mm

Batten T&G Wood Panel - Batten 10 Walnut





SKU	WIDTH	LENGTH	THICKNESS
B10BW0128	150mm	2800mm	17mm
B10BW0128EDGE	25-35mm	2800mm	17mm

Arch Black Walnut T&G Wood Panel - Arch 25





SKU	WIDTH	LENGTH	THICKNESS
A25BW0128	150mm	2800mm	17mm
A25BW0128EDGE	18-28mm	2800mm	17mm

FEATURE PANEL

Surface Range- by Feature Panel

Installation Guide

Installation Instructions:

- Ensure that the surfaces you intend to install the panels on are structurally sound to support the panel and are both plumb and square. The substrate should be sealed or non-porous for optimal adhesion. A surface activator may be required to improve adhesion if the substrate is glossy. The Surface Range by Feature Panel is designed to be installed over pre-lined walls, MDF carcasses, or suitably supportive substrates.
- Measure your space and cut each piece individually, measuring as you go. Many walls are not perfectly square, so minor adjustments may be needed as you work along the work area.
- When cutting the panel to height, you will be cutting across the profile; for best results, a drop saw is recommended. If you are required to rip the panel lengthways, a track saw with a sharp blade is the tool of choice; however, a skill saw with a straight edge will work just as well.
- A clear sealer is recommended for all cut edges; these should be sealed to safeguard against moisture infiltration and ensure the long-term integrity of the panels before they are mounted.
- On the panel's backside, apply an even bead of grab adhesive, such as **Sikaflex-118 Extreme Grab**, around the outside edge of the panel, then 1 in the middle, leaving you with 3 evenly spaced beads of adhesive lengthways, approx 60mm apart. This adhesive provides a strong and reliable bond between most surfaces.
- Starting from the most visible end, install the panels one at a time and fix through the panel groove using an 18-21 gauge brad nailer or hammer and punch. Ensure you are fixing into a solid substrate such as plywood or framing timber.

- Take extra care not to get any adhesive on the wood laminate. **Sika Remover 208** or mineral spirits can be used to clean up any visible adhesive.
- If you're using the Batten or Arch profiles and installing around a corner or on an exposed edge, you will need to use the profiles matching trims/end panels. Apply one even bead down the length of the profile, then slot it into the panel, seamlessly finishing the application.
- If you're installing the Ripple 150 around a corner, it will need to be mitred, or a solid wood panel can be used to cover the ends.

FEATURE PANEL

For further information or technical support please contact us E: info@featurepanel.co.nz W:www.featurepanel.co.nz

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