

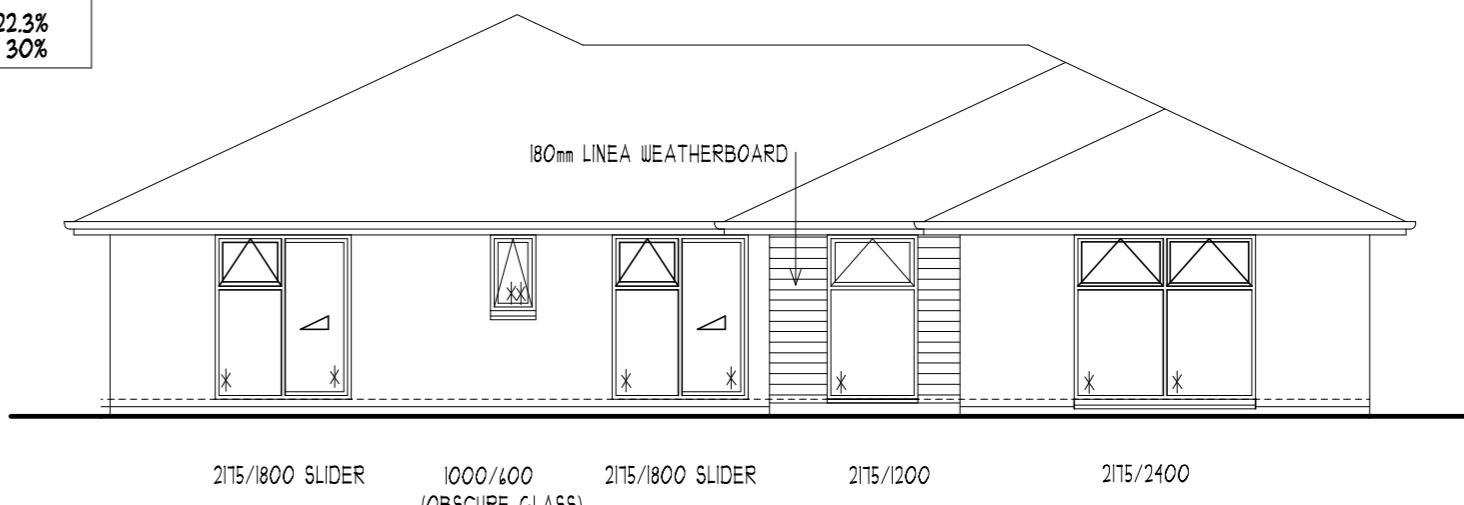
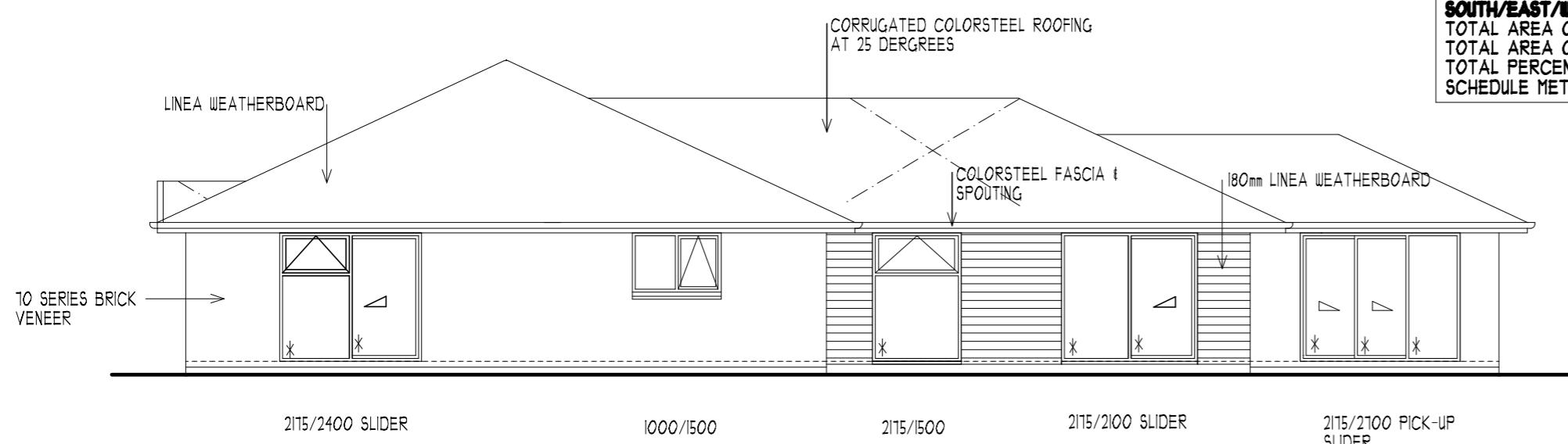
WEST THERMAL CALCULATIONS:
TOTAL AREA OF THERMAL ENVELOPE: 52.8sqm
TOTAL AREA OF GLAZED AREAS: 4.2sqm
TOTAL PERCENTAGE OF ALL WALLS GLAZED: 8%

SOUTH WEST VIEW

NOTE: ALUMINIUM JOINERY & GLAZING
VERIFY ALL DIMENSIONS ON SITE BEFORE MANUFACTURE
ALL UNITS TO BE DOUBLE GLAZED-MIN R RATING 0.24
INSULATED GLASS UNIT IGU CLEAR/CLEAR
VERIFY ALL COLOURS, FINISHES, HANDLES, ETC
WITH OWNER.
VERIFY ALL DOORS TO BE KEYED ALIKE
ALL TIMBER REVEALS SHALL BE H2I TREATED
ALL GLAZING SHALL COMPLY WITH NZS 4223:2016, & PARTS
1, 2, 3 & 4.
* TYPE 'A' SAFETY GLAZING
** TYPE 'A' SAFETY GLAZING TO INSIDE

THERMAL HI CALCULATIONS:
TOTAL AREA OF THERMAL ENVELOPE: 185sqm
TOTAL AREA OF GLAZED AREAS: 48.7sqm
TOTAL PERCENTAGE OF ALL WALLS GLAZED: 26.3%

SOUTH/EAST/WEST THERMAL HI CALCULATIONS:
TOTAL AREA OF THERMAL ENVELOPE: 145.3sqm
TOTAL AREA OF GLAZED AREAS: 32.5sqm
TOTAL PERCENTAGE OF ALL WALLS GLAZED: 22.3%
SCHEDULE METHOD USED-GLAZING LESS THAN 30%



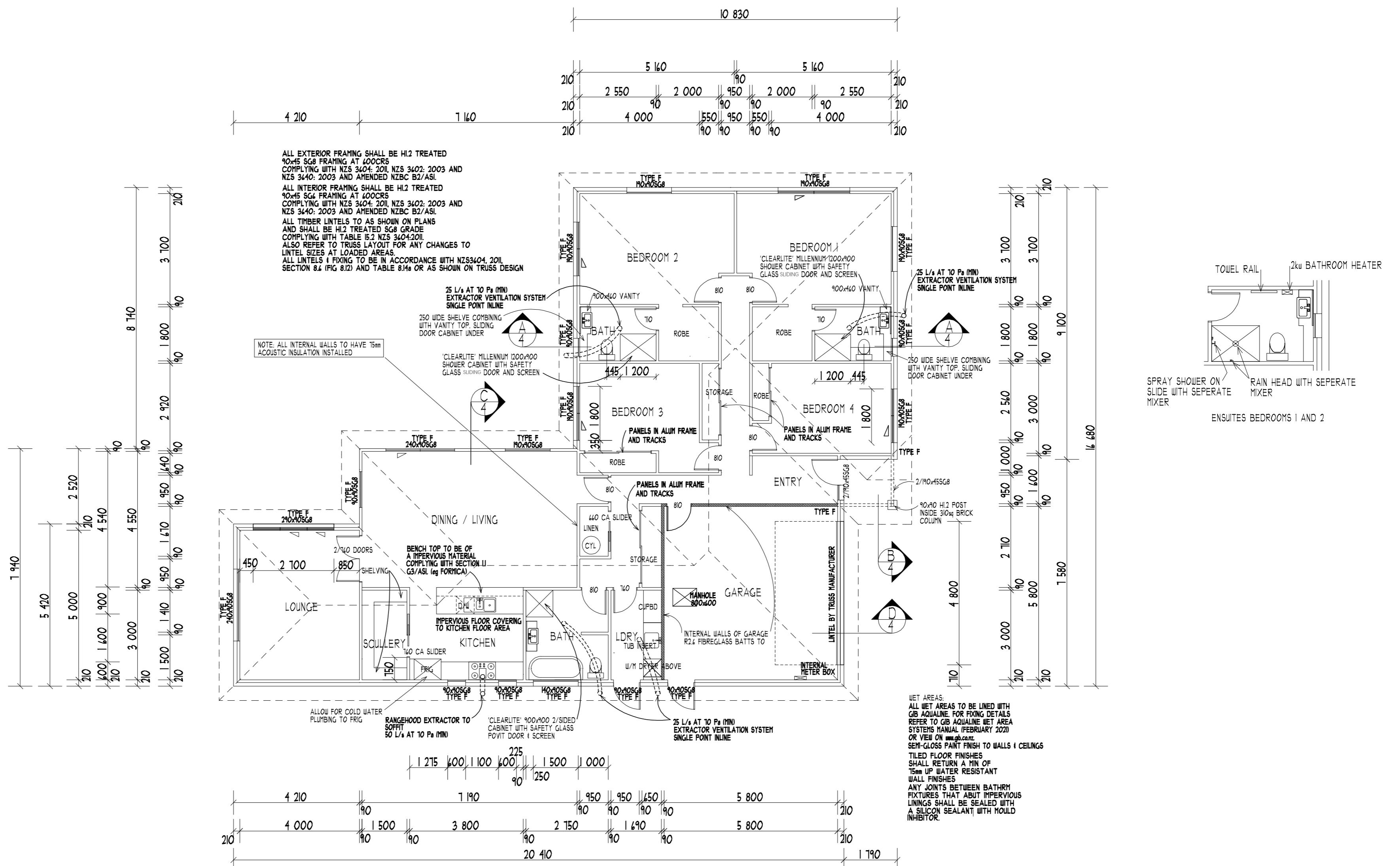
EAST THERMAL HI CALCULATIONS:
TOTAL AREA OF THERMAL ENVELOPE: 52.8sqm
TOTAL AREA OF GLAZED AREAS: 21.3sqm
TOTAL PERCENTAGE OF ALL WALLS GLAZED: 40.3%

NORTH EAST VIEW

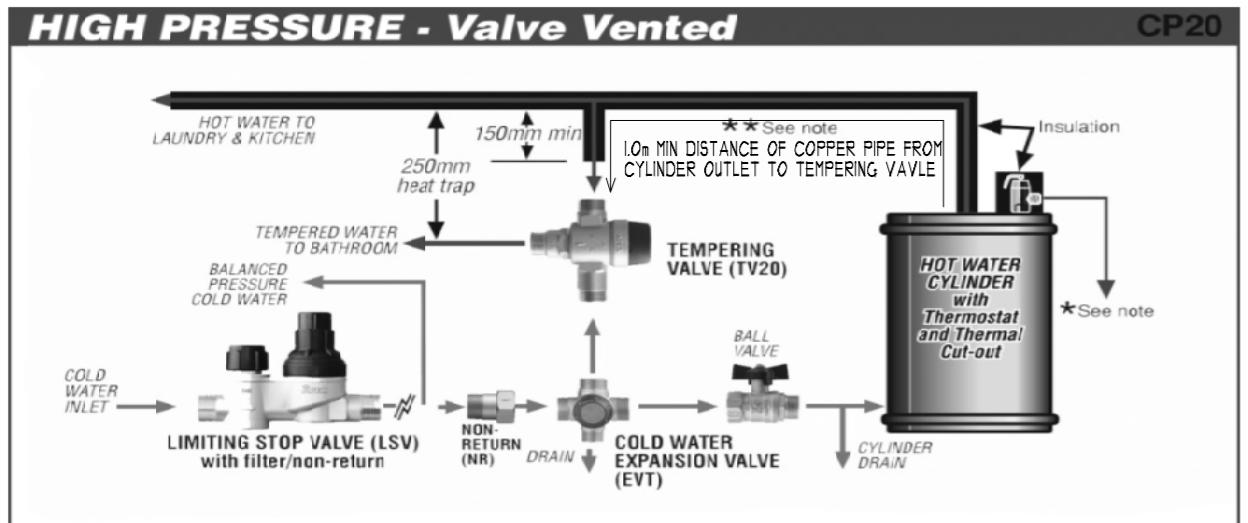
SOUTH EAST VIEW

SOUTH THERMAL HI CALCULATIONS:
TOTAL AREA OF THERMAL ENVELOPE: 39.1sqm
TOTAL AREA OF GLAZED AREAS: 7sqm
TOTAL PERCENTAGE OF ALL WALLS GLAZED: 11.6%

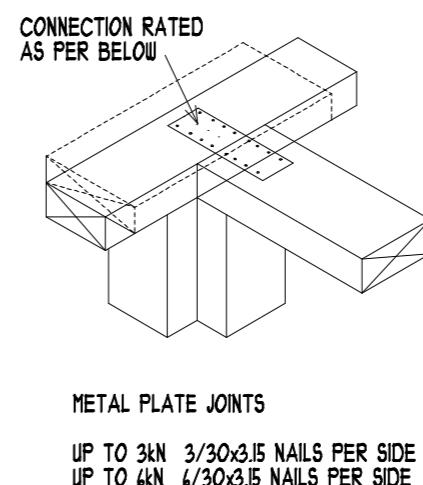
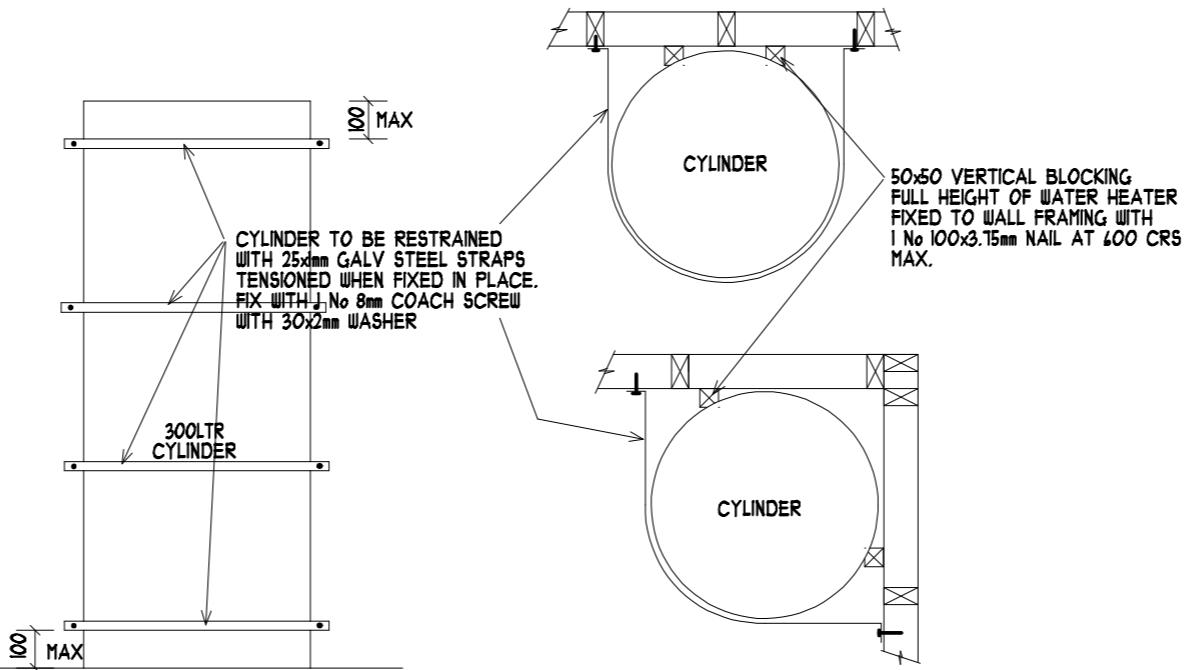
NORTH THERMAL HI CALCULATIONS:
TOTAL AREA OF THERMAL ENVELOPE: 39.1sqm
TOTAL AREA OF GLAZED AREAS: 6.2sqm
TOTAL PERCENTAGE OF ALL WALLS GLAZED: 10.5%



FLOOR PLAN
FLOOR AREA O/FOUNDATION: 247sqm



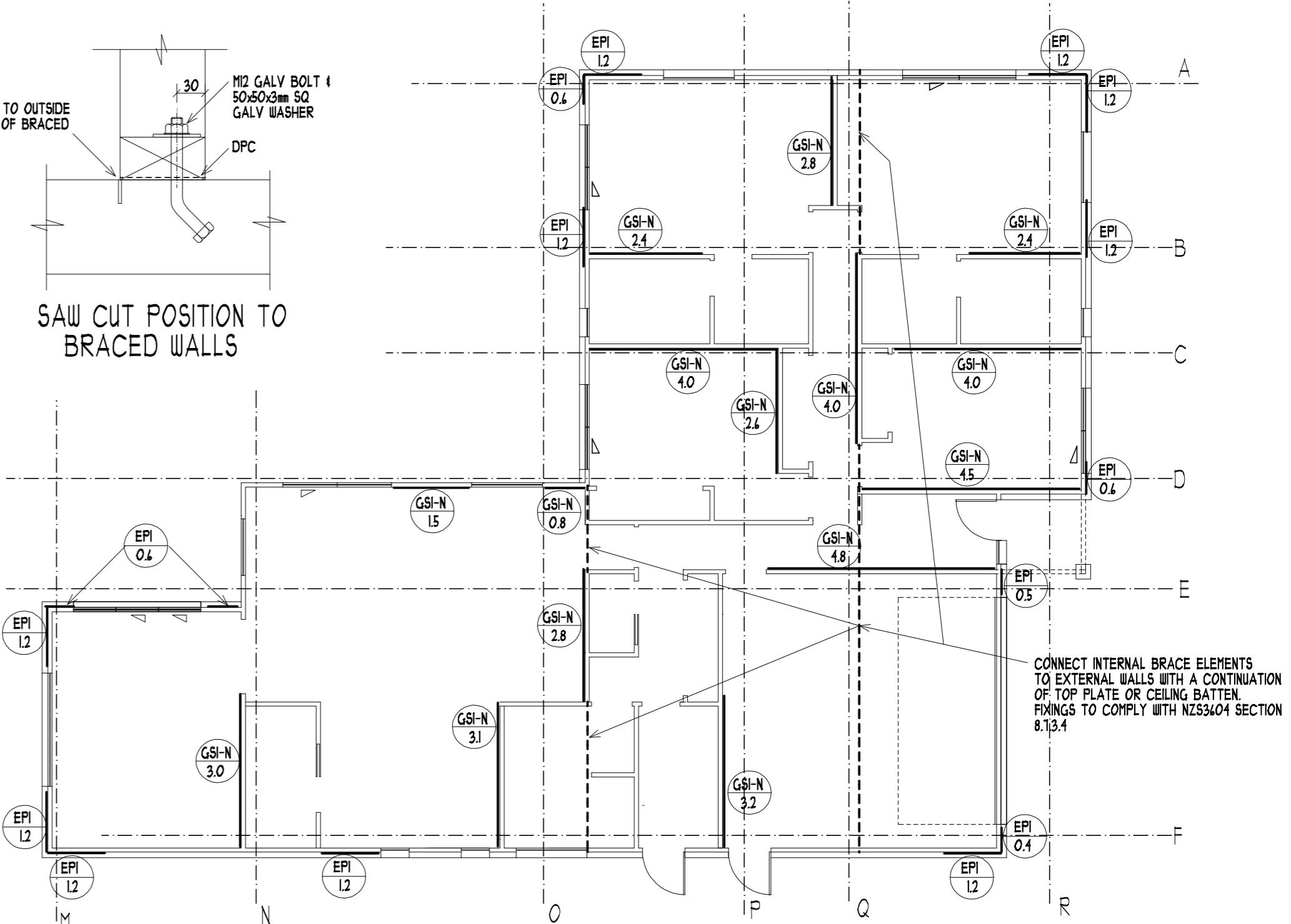
VALVE TRAIN DETAILS



EACH WALL THAT CONTAINS ONE OR MORE WALL BRACING ELEMENTS SHALL 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 TO IT. TOP PLATE FIXING(S) OF THE CAPACITY IN TENSION OR COMPRESSION ALONG THE LINE OF THE WALL BRACING ELEMENT ARE GIVEN AS FOLLOWS:

- FOR EACH WALL CONTAINING WALL BRACING ELEMENTS WITH A TOTAL BRACING CAPACITY OF NOT MORE THAN 125 BRACING UNITS: TO AT LEAST ONE SUCH EXTERNAL WALL BY A FIXING AS SHOWN IN DRAWING OF 6 KN CAPACITY;
- FOR EACH WALL CONTAINING WALL BRACING ELEMENTS WITH A TOTAL BRACING CAPACITY OF NOT MORE THAN 250 BRACING UNITS: TO AT LEAST 2 EXTERNAL WALLS BY FIXINGS AS SHOWN IN DRAWING EACH OF 6 KN CAPACITY;
- FOR EACH WALL CONTAINING WALL BRACING ELEMENTS WITH A TOTAL BRACING CAPACITY OF MORE THAN 250 BRACING UNITS: TO AT LEAST 2 EXTERNAL WALLS BY FIXINGS AS SHOWN IN DRAWING EACH HAVING A RATING OF NOT LESS THAN 24 KN PER 100 BRACING UNITS.

TOP PLATE CONNECTIONS



-GIB BRACING SYSTEMS TO BE FIXED AS DETAILED IN GIB EzyBracing SYSTEMS MANUAL (JUNE 2011), VIEW ON www.gib.co.nz

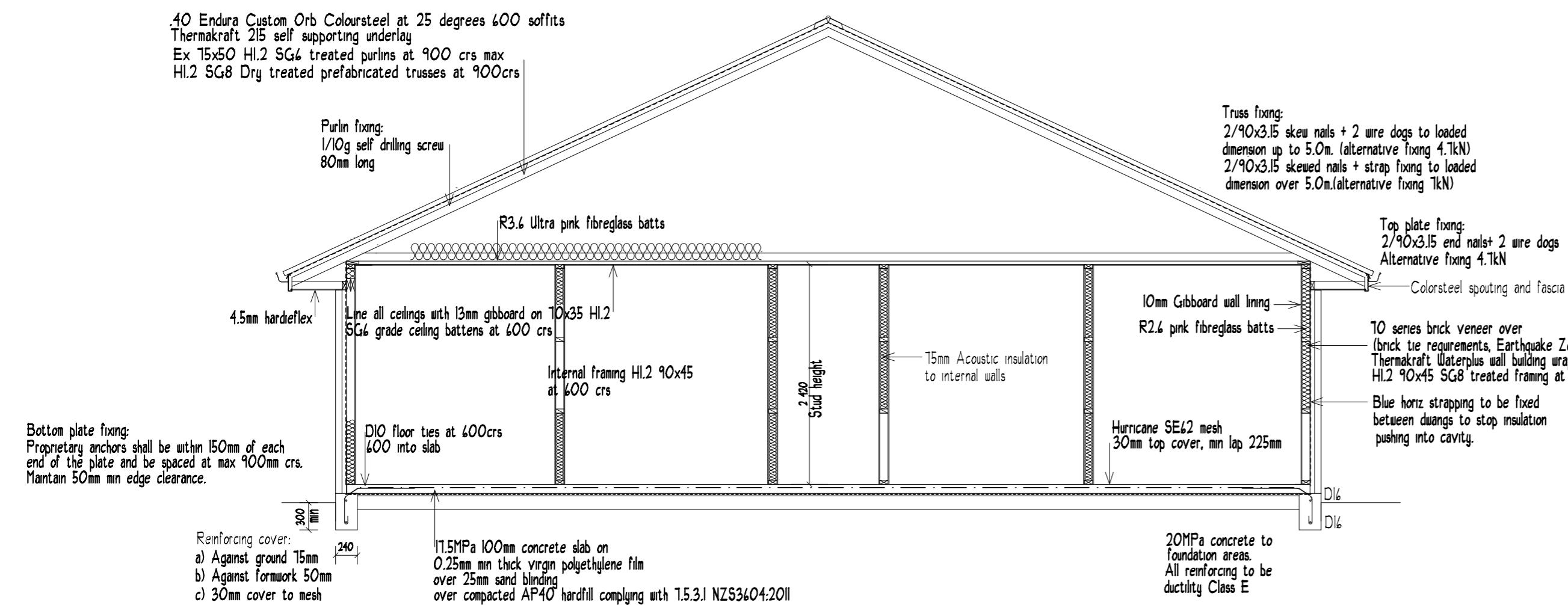
-ALL EXTERIOR PLY BRACING TO BE CARTER HOLT HARVEY 1mm H3 ECOPLY PLYBRACE. ALL BRACING SHEETS SHOWN SHALL BE FIXED AS DETAILED IN STRUCTURAL PLYWOOD PROPERTIES APPLICATIONS MANUAL (MARCH 2014), OR VIEW ON www.ecoply.co.nz. ALL FIXINGS TO BE GALV

BRACING PLAN

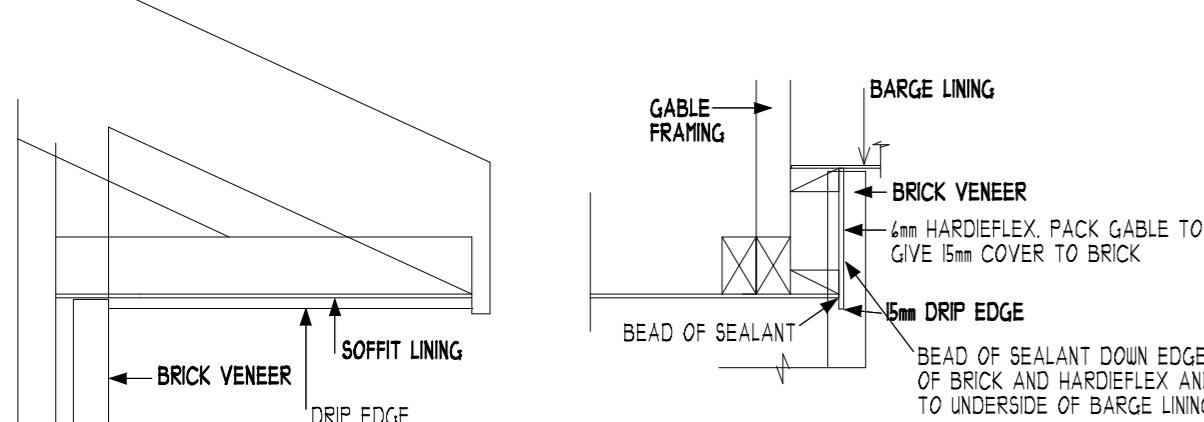
Warren Sheddan - Architectural Designer 42 HAPPY HOME ROAD-CHRISTCHURCH 8025 Phone (03) 338 1206 email: warren.sheddan@outlook.com	PROPOSED RESIDENCE FOR LOT 663 (No 2) RAPERE STREET FALCONS LANDING - ROLLESTON FOR MR AND MRS HARRY LO	BRACING PLAN ELECTRICAL PLAN TOP PLATE CONNECTION SAW CUT DETAIL VALVE TRAIN CYLINDER RESTRAINT	Date : Thursday, 8 July, 2021
			Scales : 1:100 1:25 1:10: 1:5
			Shots : Sht 3 of 7 Ref No : SP262

NOTE: ALL DIMENSIONS TO BE VERIFIED ON SITE BY BUILDER BEFORE AND DURING CONSTRUCTION. ALL WORK TO COMPLY WITH RELEVANT CLAUSES OF THE N.Z.B.C 1992 AND N.Z.S 3604: 2011.

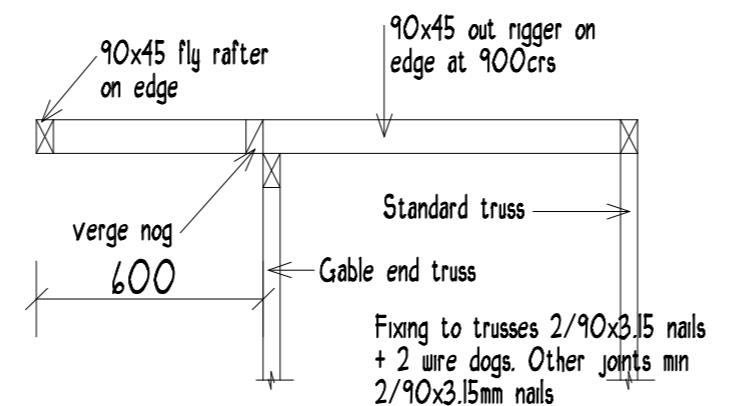
.40 Endura Custom Orb Coloursteel at 25 degrees 600 soffits
Thermakraft 215 self supporting underlay
Ex T5x50 HI.2 SG6 treated purlins at 900 crs max
HI.2 SG8 Dry treated prefabricated trusses at 900crs



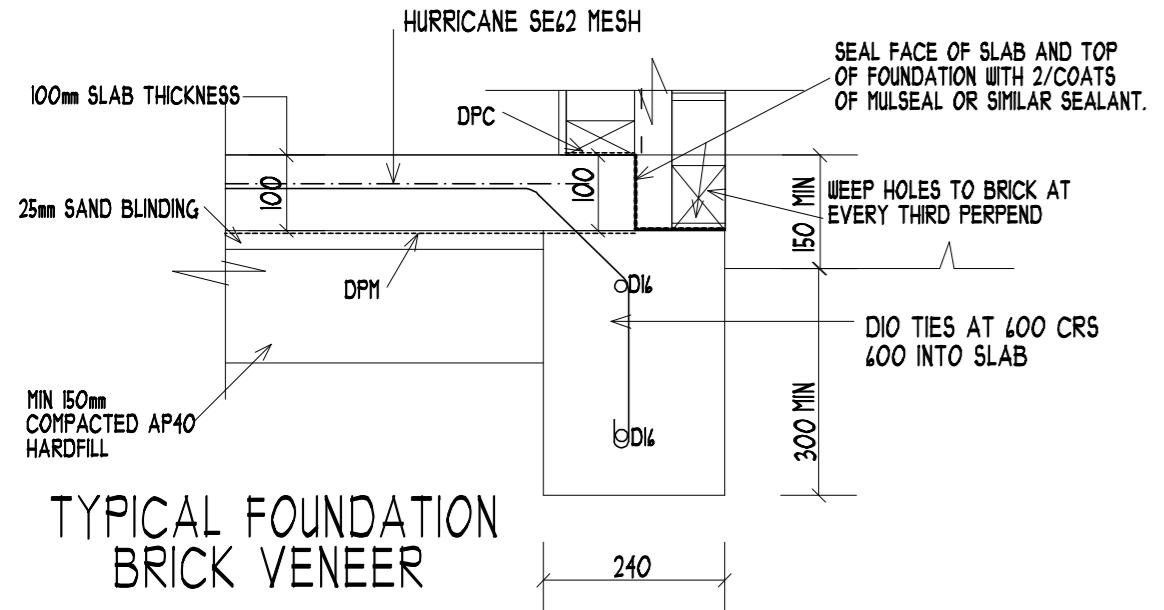
CROSS SECTION A - A



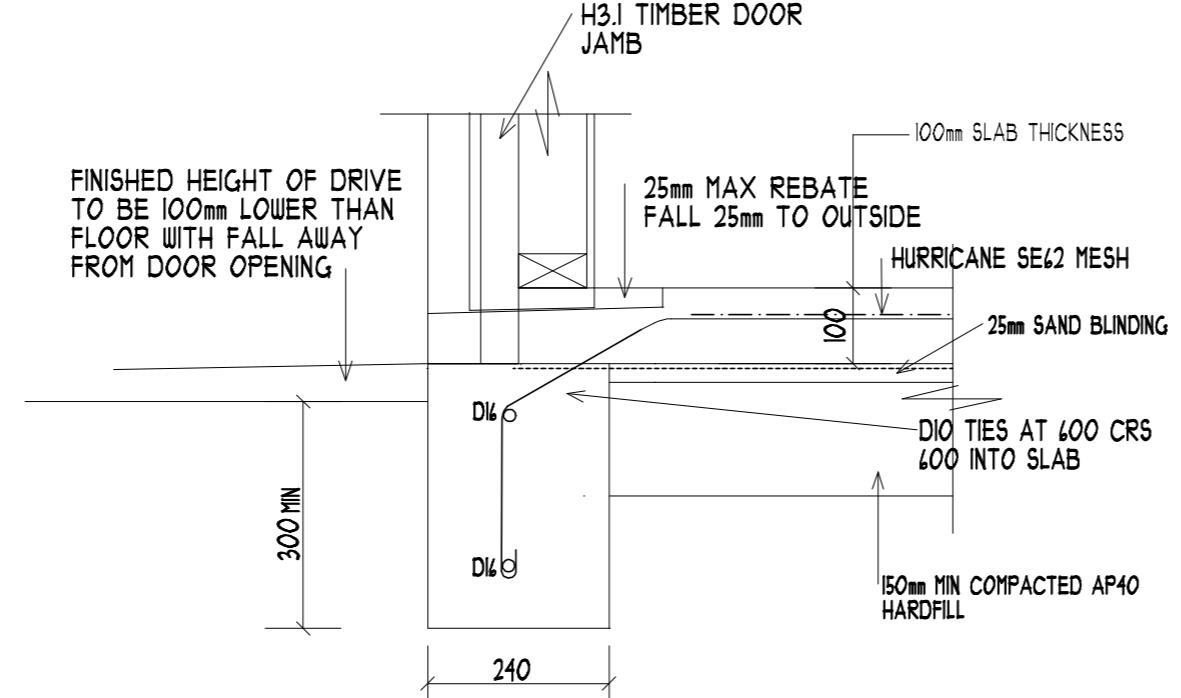
GABLE END SOFFIT CLOSURE



GABLE END CONSTRUCTION



TYPICAL FOUNDATION
BRICK VENEER



GARAGE DR REBATE DETAIL
NOTE: REFER TO SELECTED MANUFACTURERS SECTIONAL
DOOR SPECIFICATIONS FOR REBATE WIDTHS ETC

.40 Endura Custom Orb Coloursteel at 25 degrees 600 soffits
Thermakraft 215 self supporting underlay
Ex T5x50 HI.2 SG6 treated purlins at 900 crs max
HI.2 SG8 Dry treated prefabricated trusses at 900crs

Truss fixing:
2/90x3.15 skew nails + 2 wire dogs to loaded dimension up to 5.0m. (alternative fixng 4.1kN)
2/90x3.15 skewed nails + strap fixng to loaded dimension over 5.0m.alternative fixng 7kN

Purlin fixing:
1/10g self drilling screw 80mm long

Top plate fixing:
2/90x3.15 end nail+ 2 wire dogs Alternative fixng 4.1kN

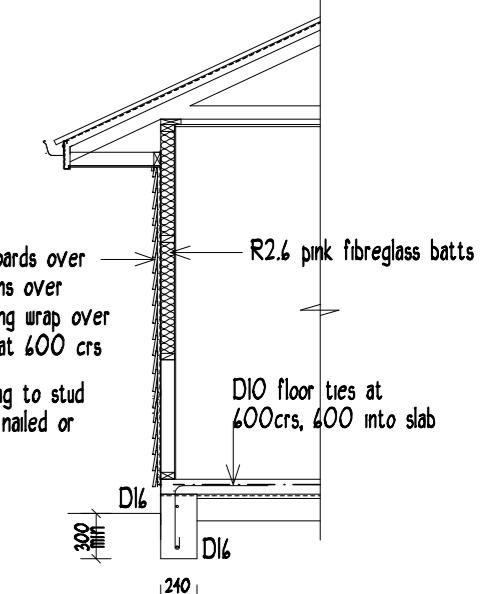
Line all ceilings with 13mm gibboard on 10x35 HI.2 SG6 grade ceiling battens at 600 crs

Hurricane SE62 mesh 30mm top cover, min lap 225mm

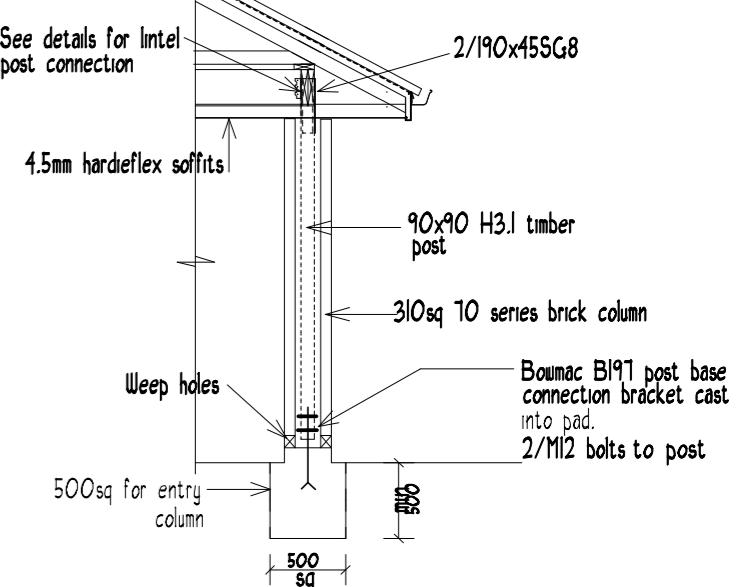
11.5MPa 100mm concrete slab on 0.25mm min thick virgin polyethylene film over 25mm sand blinding over 150mm min compacted AP40 hardfill complying with 1.5.3.1 NZS3604:2011

SECTION D

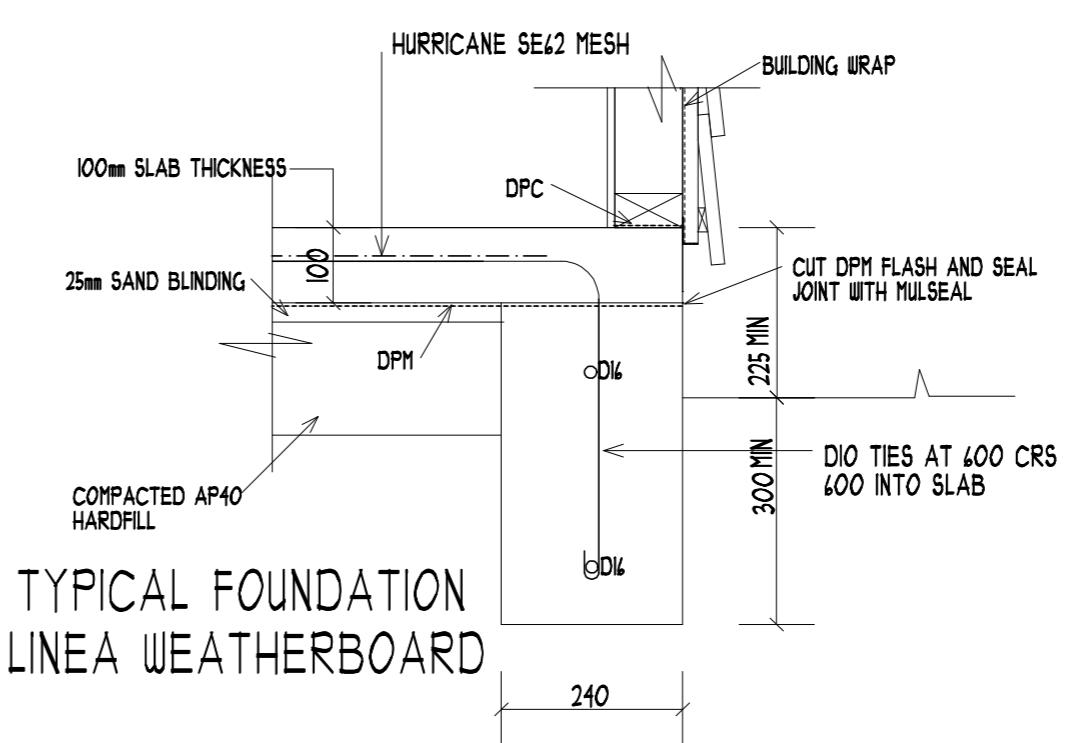
20MPa foundation concrete
a) Against ground 75mm
b) Against formwork 50mm
c) 30mm cover to mesh



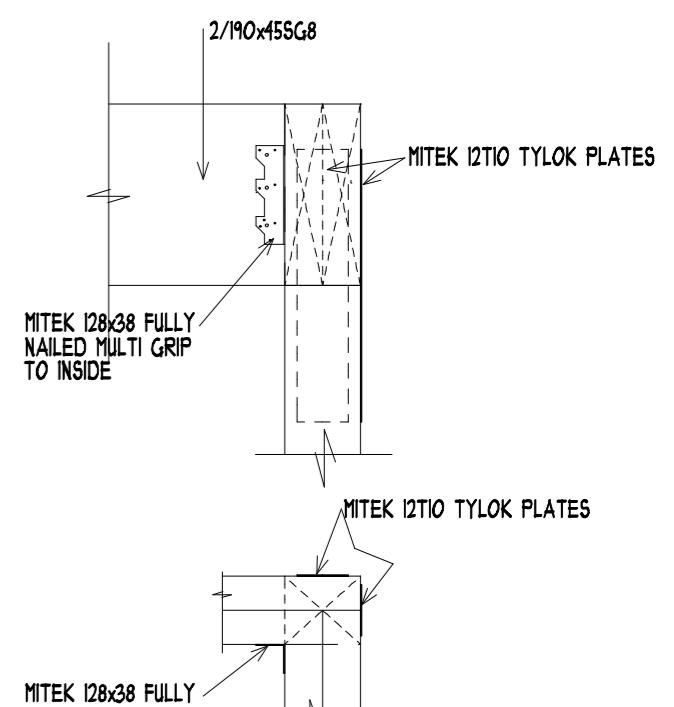
SECTION C



SECTION B



TYPICAL FOUNDATION
LINEA WEATHERBOARD



COLUMN POST DETAIL (ENTRY)
CONNECTION

Warren Sheddan - Architectural Designer
42 HAPPY HOME ROAD-CHRISTCHURCH 8025 Phone (03) 338 1206 email: warren.sheddan@outlook.com

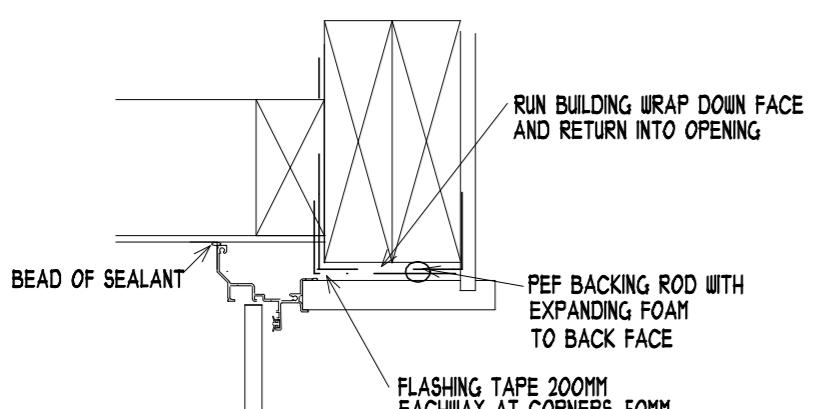
PROPOSED RESIDENCE FOR LOT 663 (No 2) RAPERE STREET FALCONS LANDING - ROLLESTON FOR MR AND MRS HARRY LO

CROSS SECTION A-A
SECTION B
SECTION C
CONSTRUCTION DETAILS

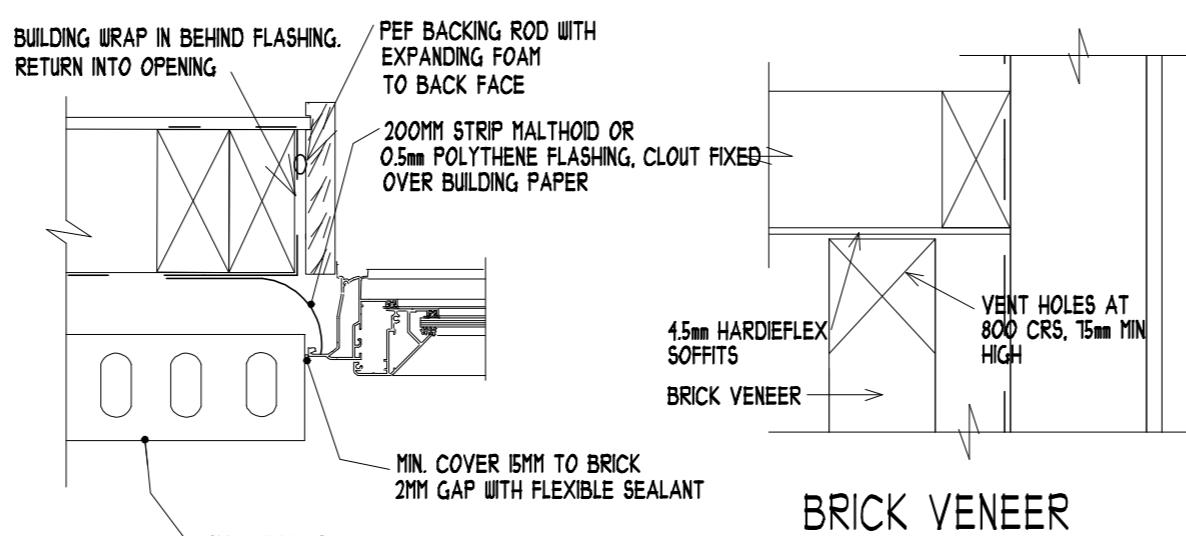
Date : Thursday, 8 July, 2021

Scales : 1:50 1:20 1:10 1:5

Shs : Sht 4 of 7 Ref No : SP262

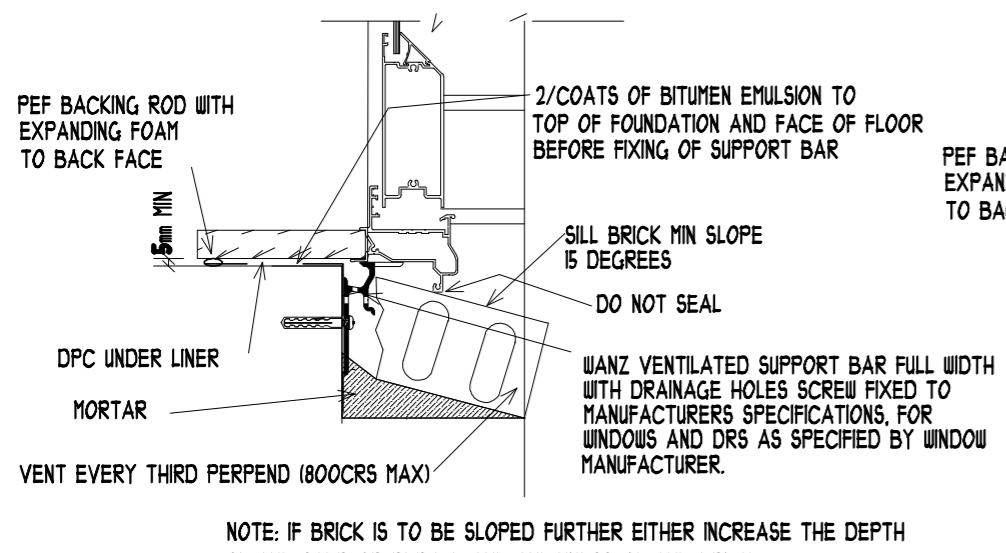


WINDOW HEAD-ALUMINIUM SOFFIT

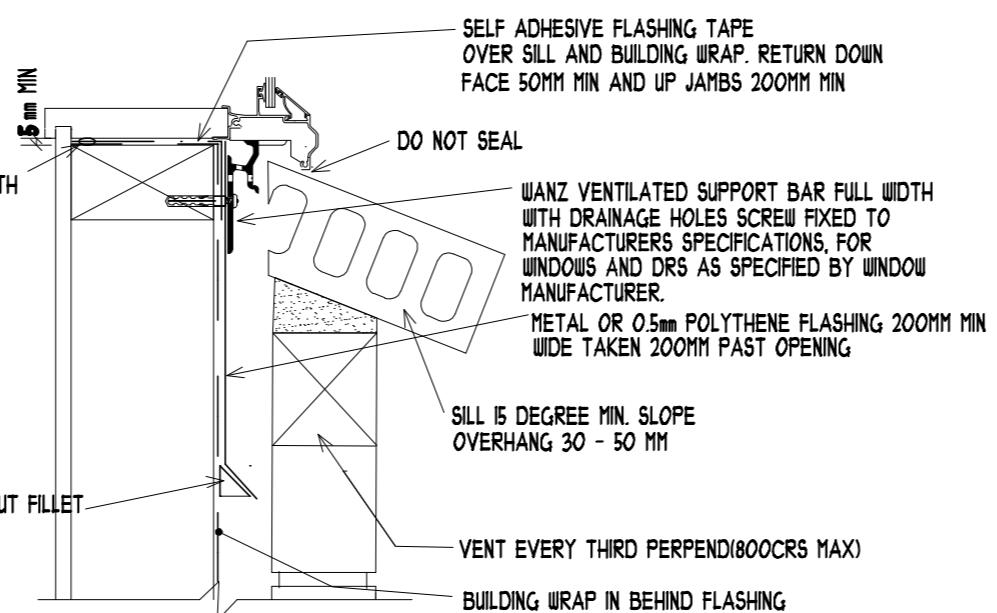


BRICK VENEER
SOFFIT DETAIL

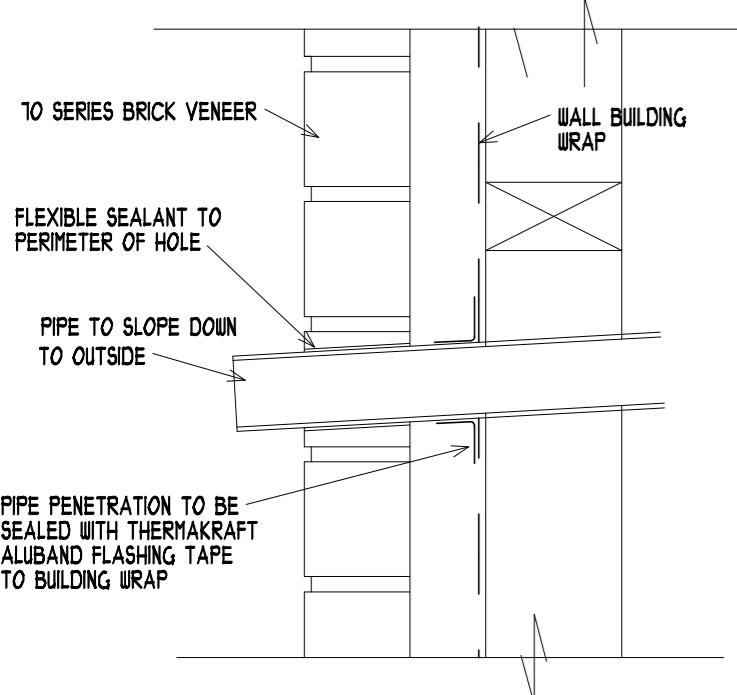
WINDOW JAMB-ALUMINIUM



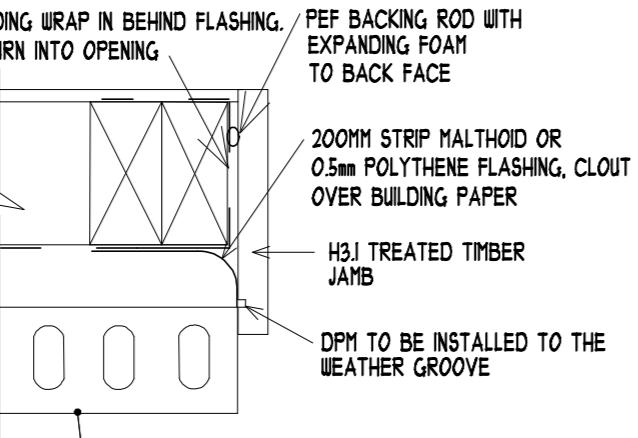
BRICK DOOR/WINDOW SILL



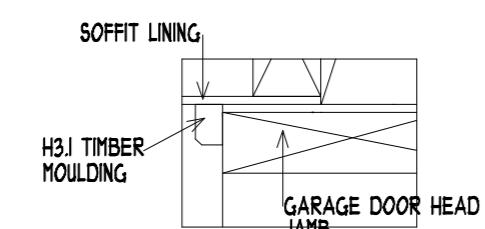
WINDOW SILL-ALUMINIUM



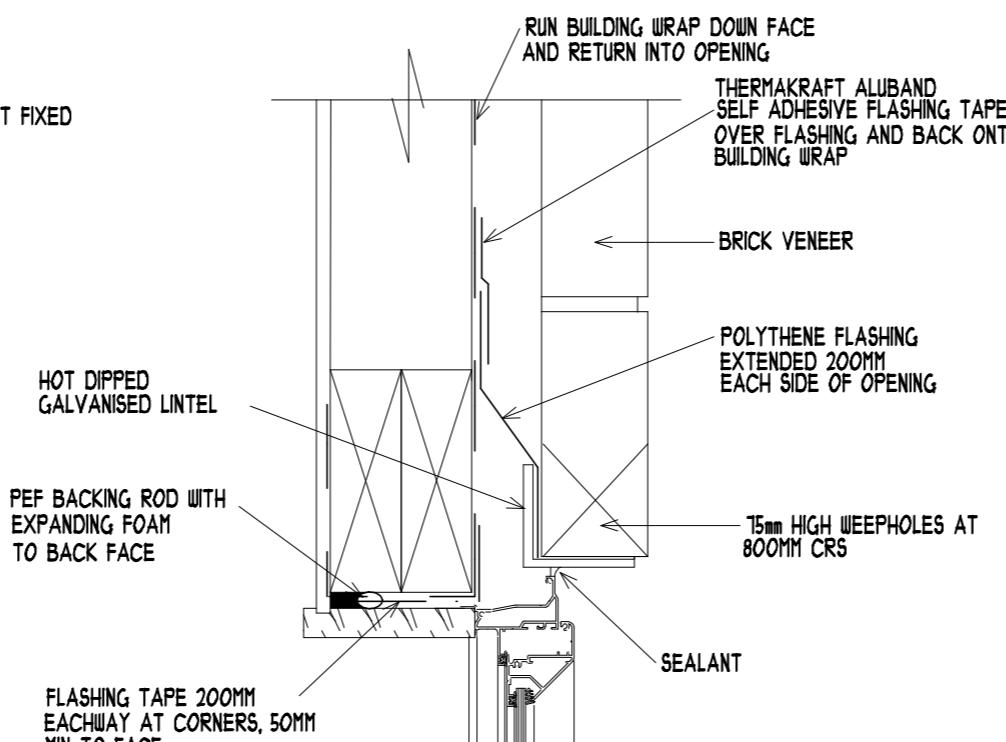
PIPE PENETRATION THROUGH
10 SERIES BRICK VENEER



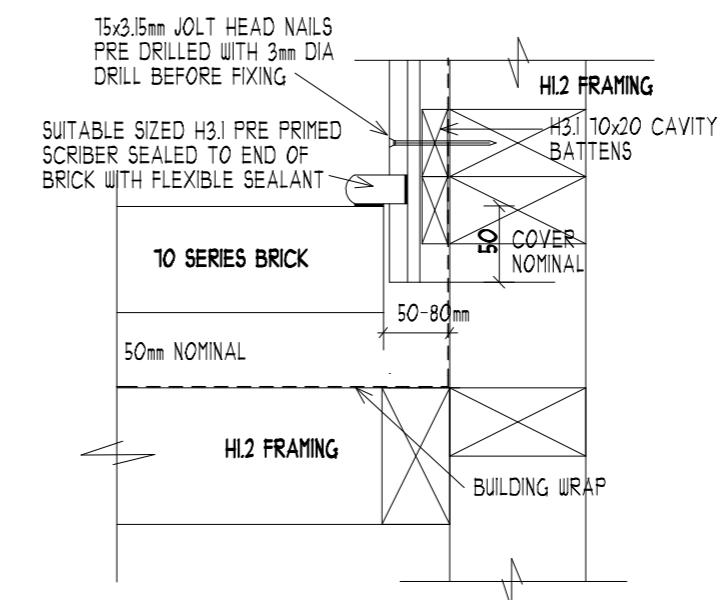
GARAGE DOOR JAMB



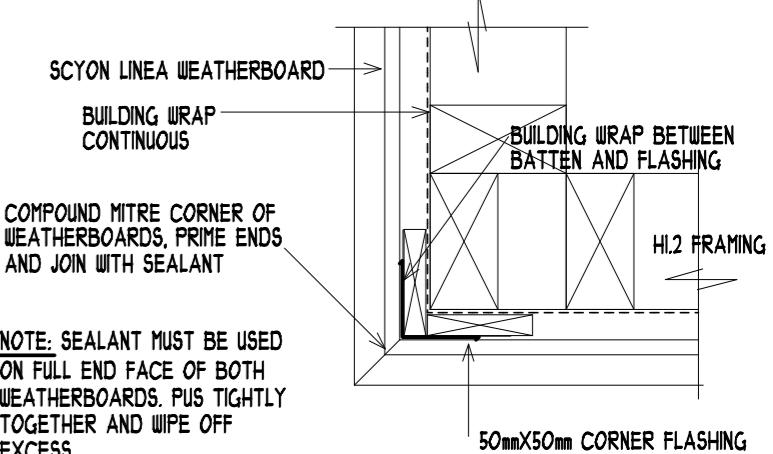
SEALING OF GARAGE HEAD JAMB



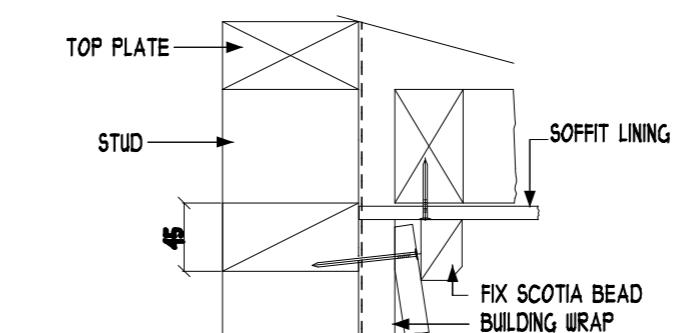
WINDOW HEAD-ALUMINIUM



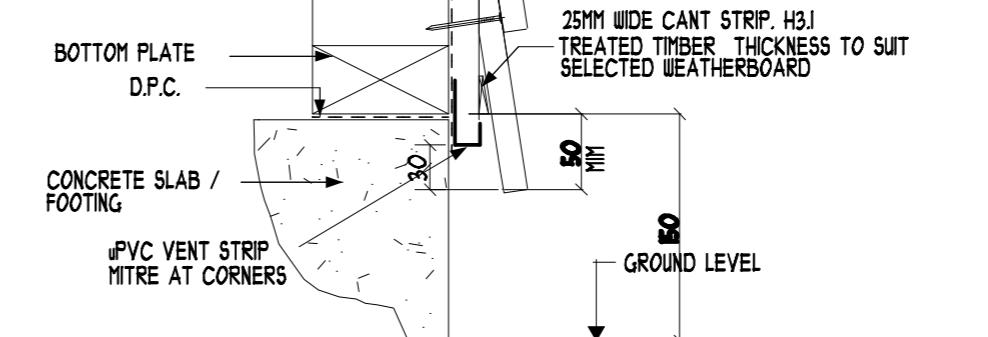
INTERNAL CORNER FLASHING DETAIL
LINEA/BRICK JUNCTION



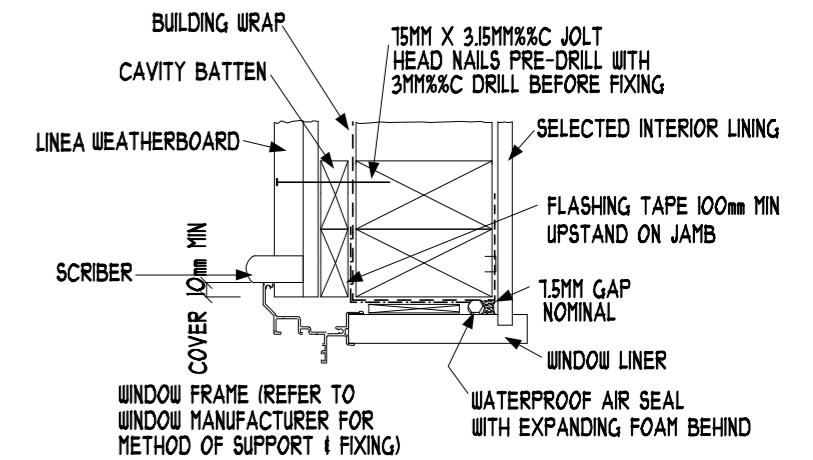
MITRE CORNER/LINEA



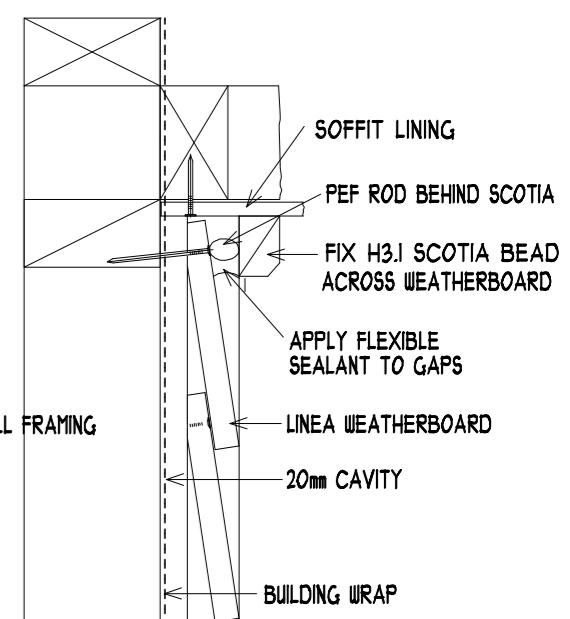
SOFFIT DETAIL



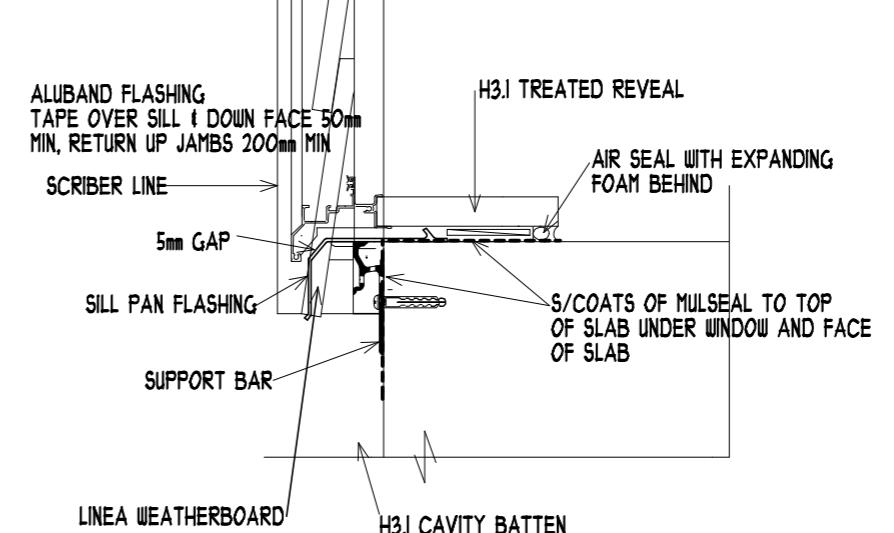
CAVITY FIX CONCRETE SLAB
LINEA WEATHERBOARD



LINEA WEATHER BOARD WINDOW JAMB



SLOPING SOFFIT DETAIL TO GABLE



LINEA WEATHERBOARD SILL FLASHING
AT FULL LENGTH DRs & WINDOWS

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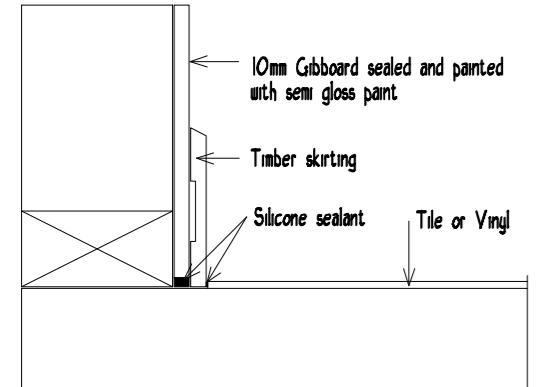
PROPOSED RESIDENCE FOR LOT 663 (No 2) RAPERE STREET FALCONS LANDING - ROLLESTON FOR MR AND MRS HARRY LO

BRICK DETAILS
LINEA WEATHERBOARD DETAILS

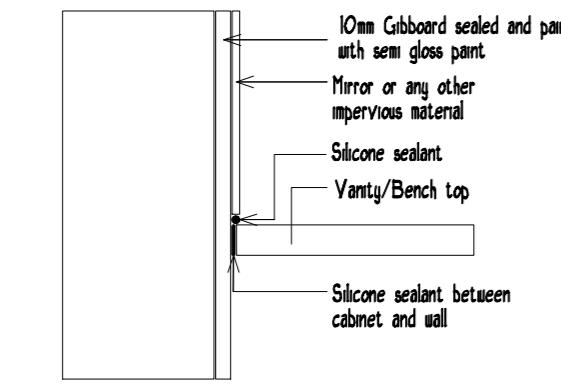
Date : Thursday, 8 July, 2021

Scales : 1:5

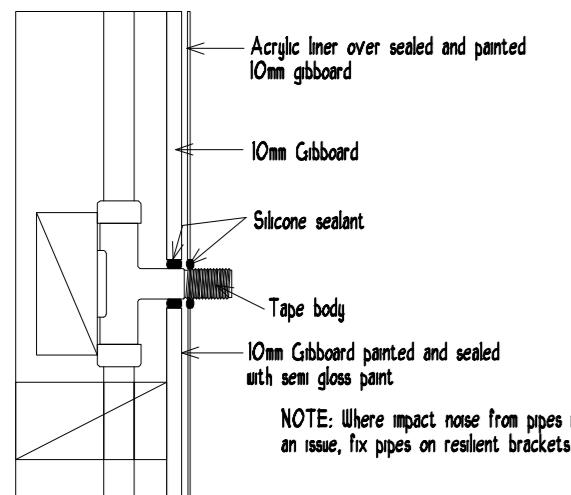
Shs : Sht 5 of 7 Ref No : SP262



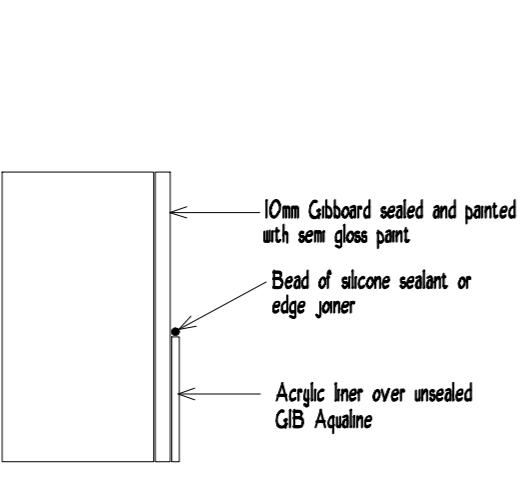
WALL FLOOR DETAIL
GIB AQUALINE/VINYL FLOOR



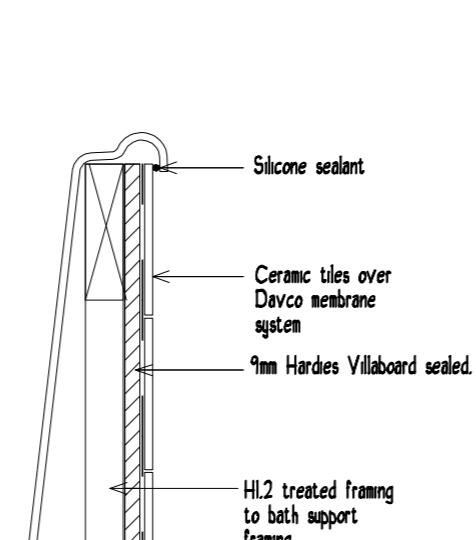
VANITY/BENCH TOPS
IMPERVIOUS MATERIALS



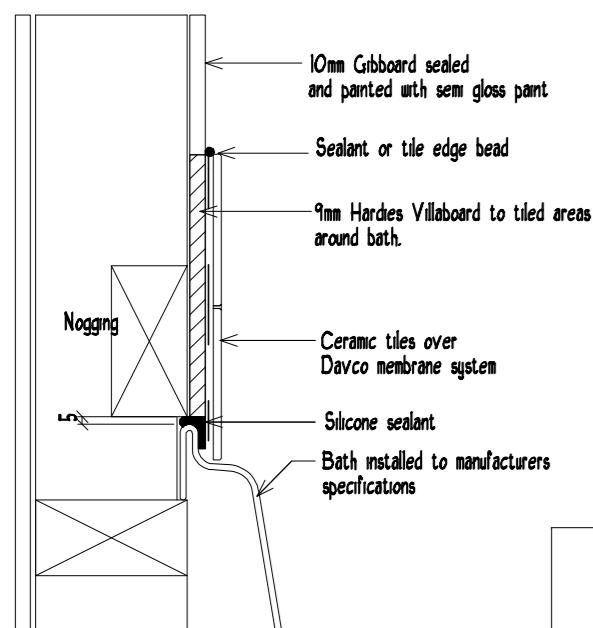
TAPE PENETRATION
ACRYLIC WALLS



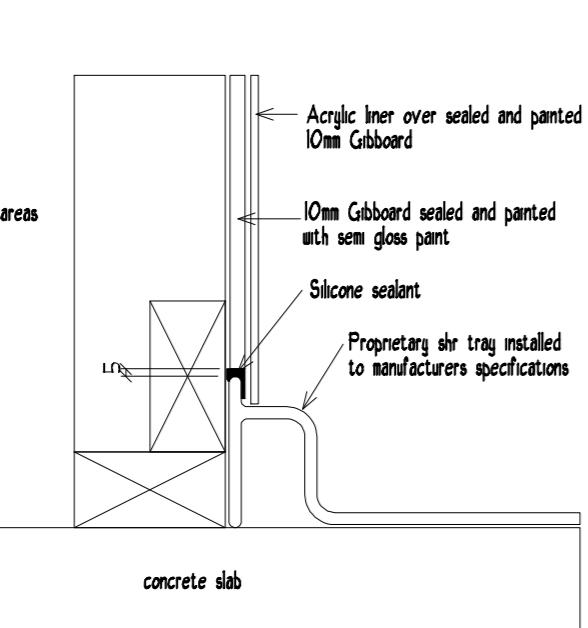
LINER TOP DETAIL
SHR/ ACRYLIC LINER AND BASE



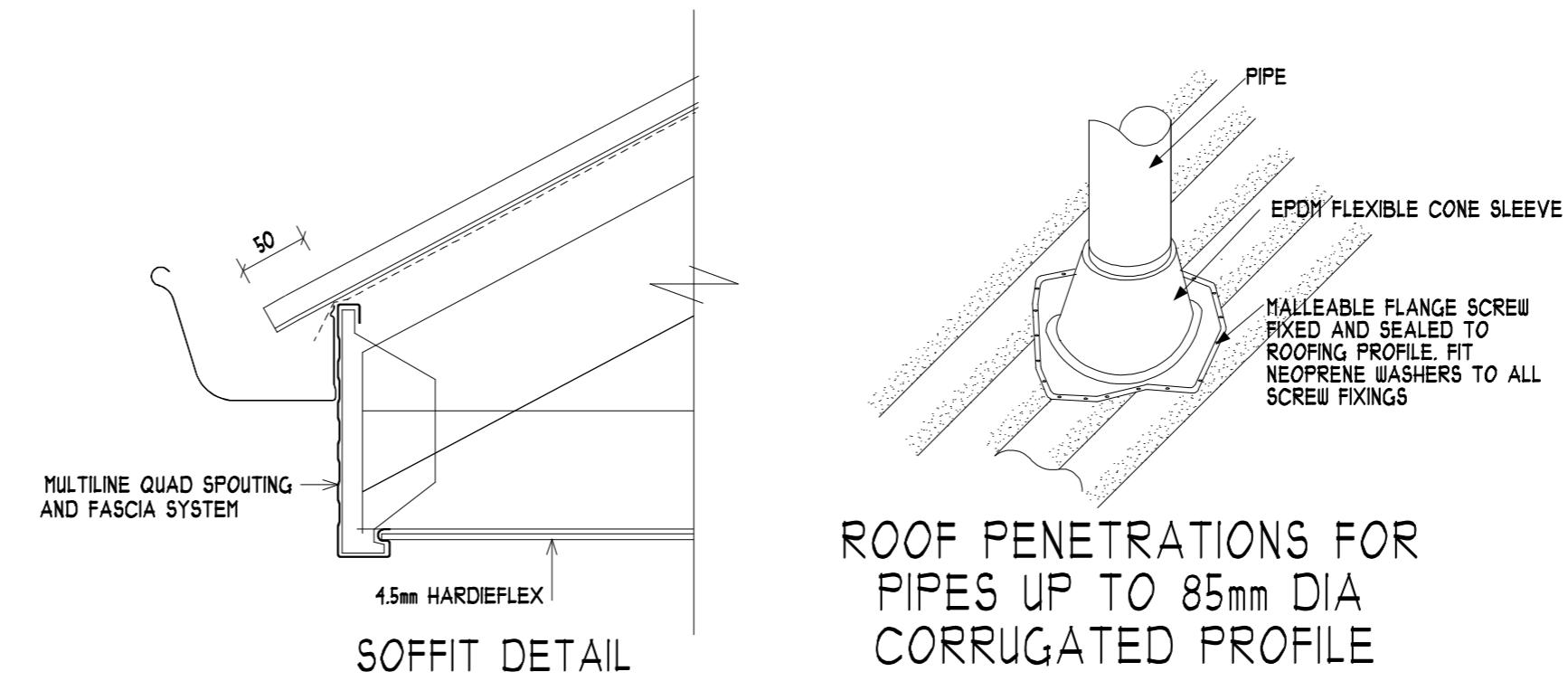
TILED BATH EDGE



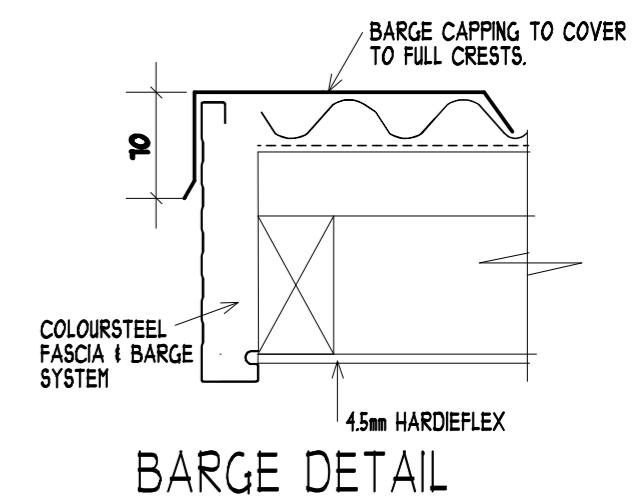
BATH/WALL DETAIL
TILED UPSTAND



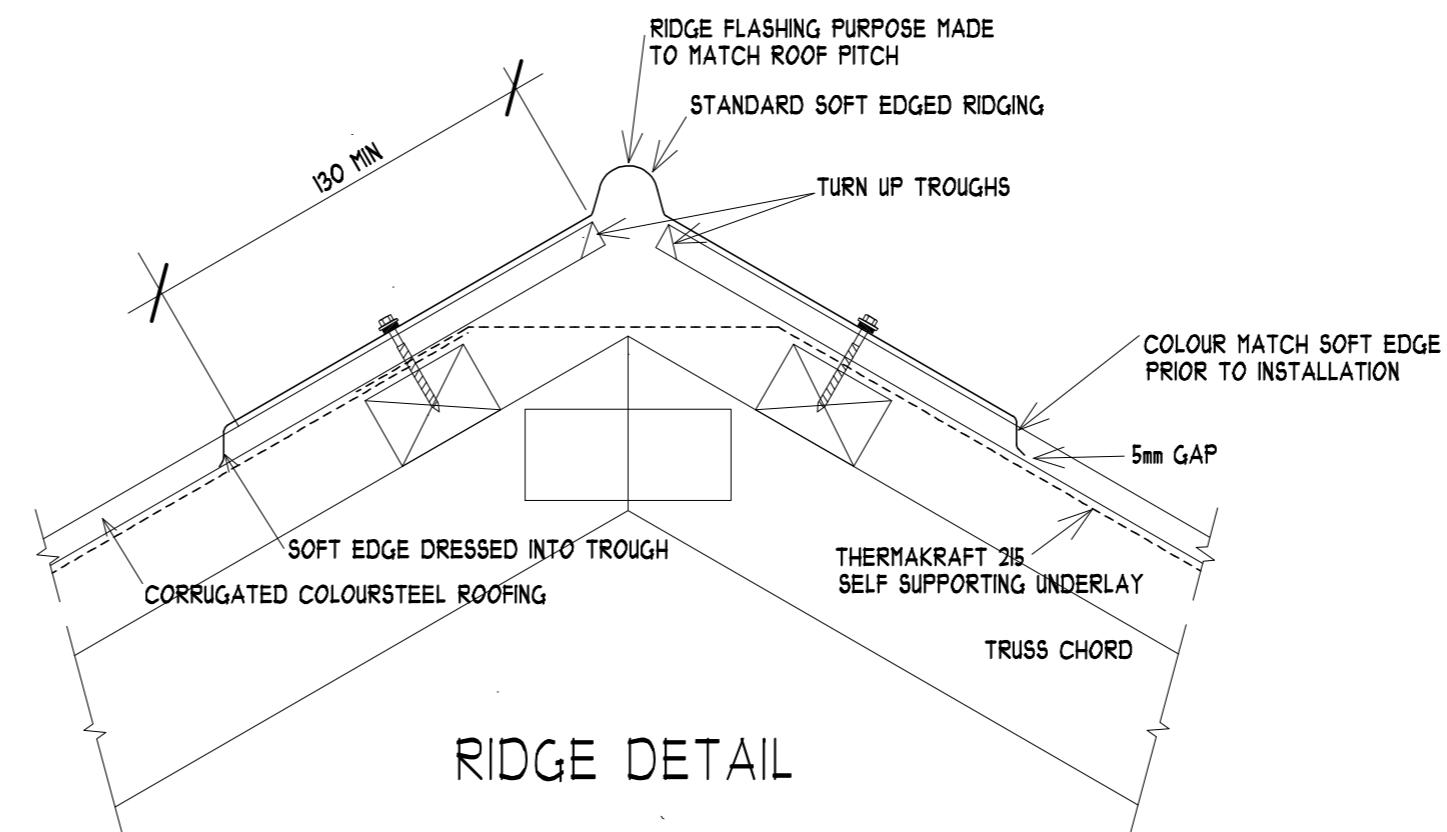
SHR WALL/TRAY DETAIL
ACRYLIC LINER AND BASE



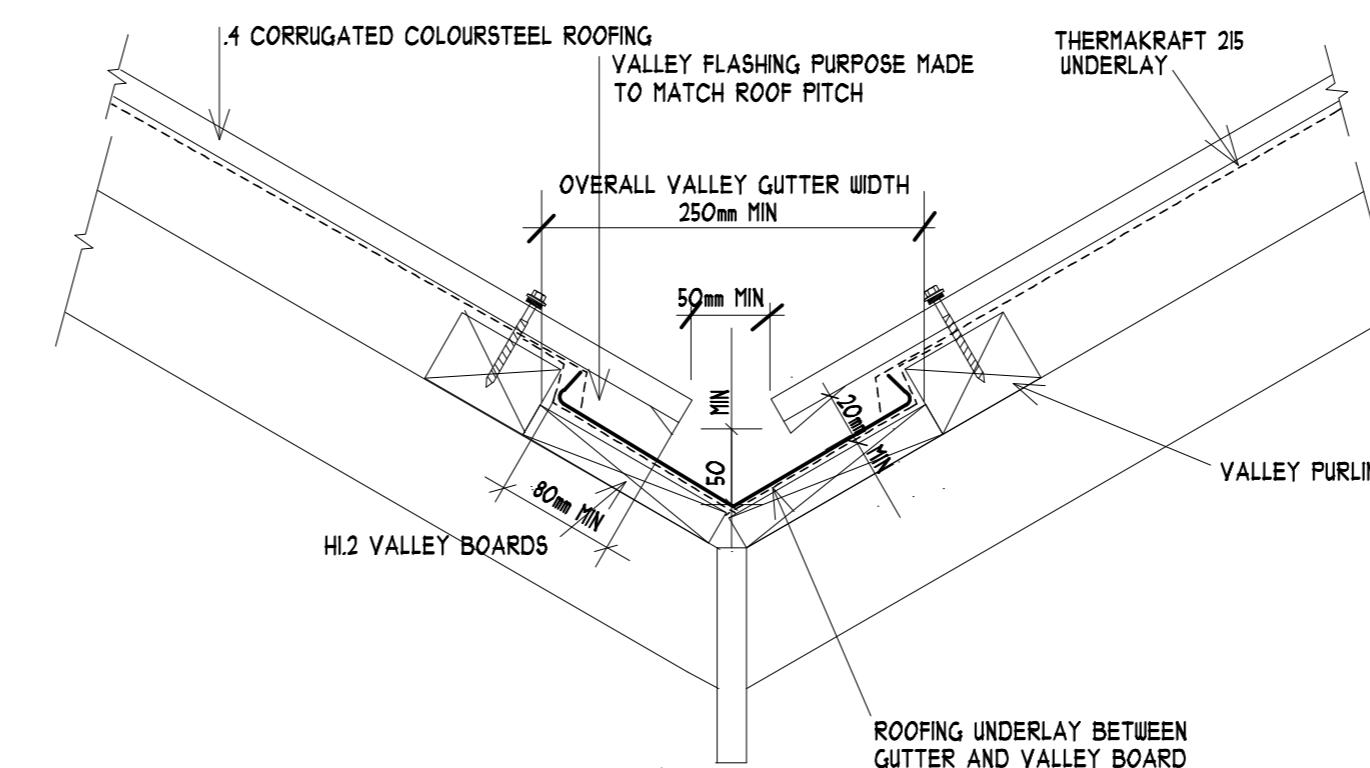
ROOF PENETRATIONS FOR
PIPES UP TO 85mm DIA
CORRUGATED PROFILE



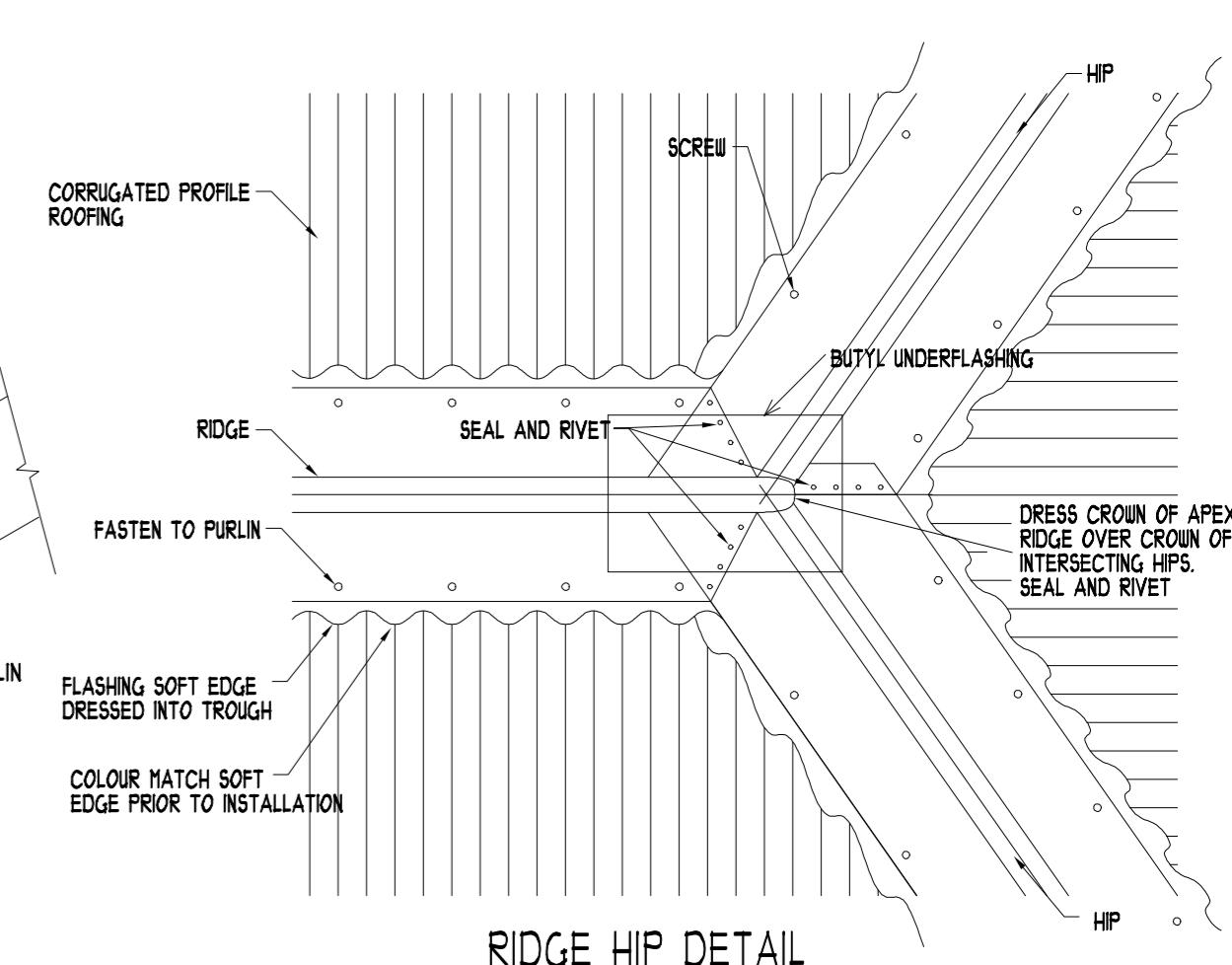
BARGE DETAIL



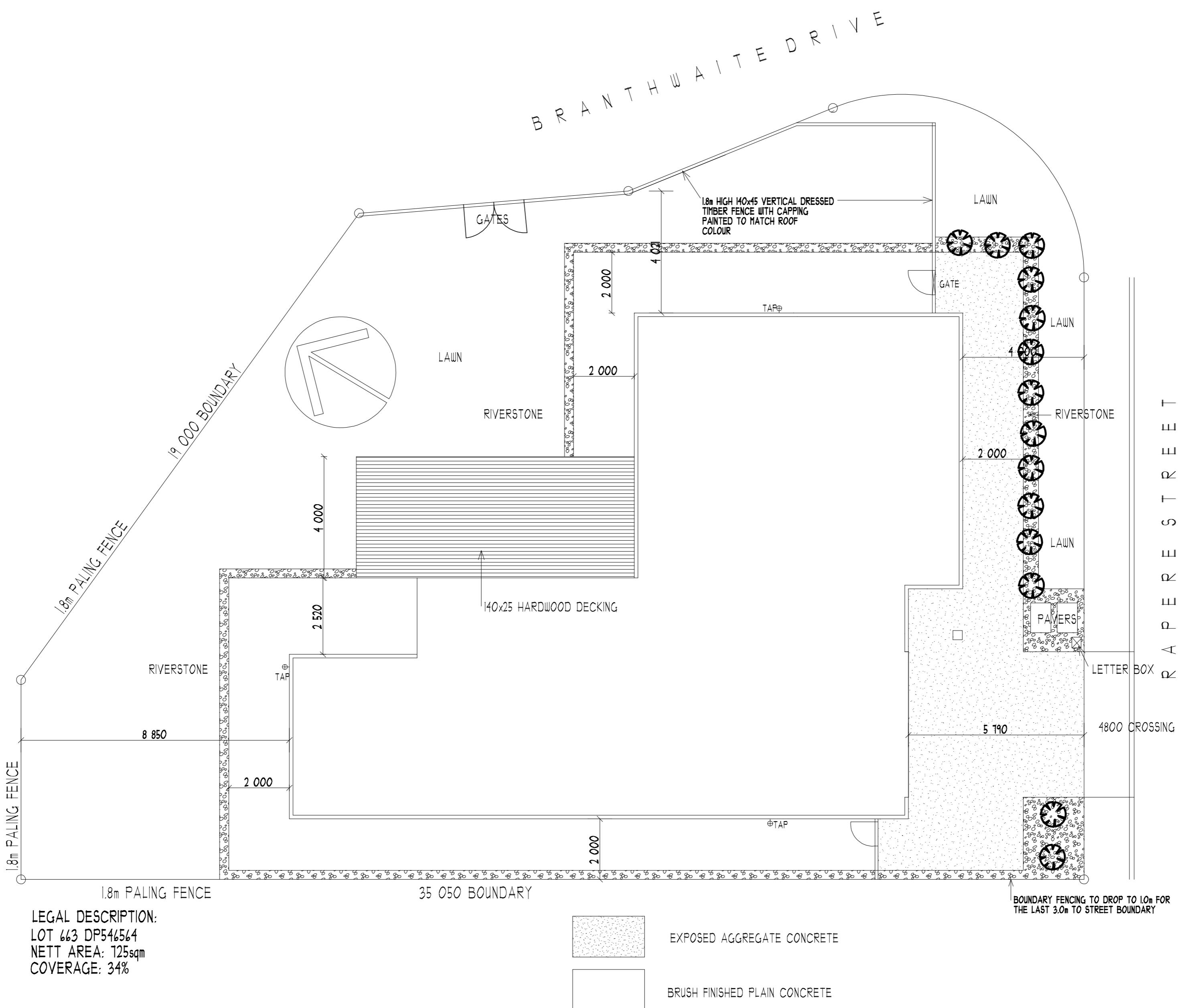
RIDGE DETAIL



VALLEY DETAIL



RIDGE HIP DETAIL



PROPOSED LANDSCAPE PLAN