WALL FRAMING SCHEDULE Very High Wind zone

LOCATION:	EXTERNAL or INTERNAL	LOADBEARING or NON-LOADBEARING	STUD LENGTH	LOADED DIMENSION	NZS 3604 or SED	STUD SPECIFICATION	TOP PLATE	TOP PLATE FIXING TO STUD
Single or Top Storey	External	Loadbearing	2.7m	<6.0m	NZS 3604 Table 8.2	140x45 RAD SG8 H1.2 PG @ 600crs	2 / 140 x 45	2 / 90 x 3.15 end nails + Lumberlok Stud Strap
Single or Top Storey	Internal	Non-Loadbearing	2.7m	N/A	NZS 3604 Table 8.4	90x45 RAD SG8 H1.2 PG @ 600crs	2 / 90 x 45	2 / 90 x 3.15 end nails + Lumberlok Stud Strap
Single or Top Storey	External	Loadbearing	< 4.2m	<6.0m	NZS 3604 Table 8.2	140x90 RAD SG8 H1.2 PG @ 400crs	2 / 140 x 45	2 / 90 x 3.15 end nails + Lumberlok Stud Strap

H1 COMPLIANCE for Main House

SHEDULE METHOD Checklist

*If the answer is **No** to any applicable item then the design fails the Schedule Method. Either change the design, or use the Calculation, BPI, or modelling method.*

Total glazing[1] area ≤ 30% of total wall area[2]	65m² glazing / 215m² gross wall = 30%	Yes
Window area of E, S, W[3] walls ≤ 30% of total wall area of these walls	50m² glazing / 172m² gross wall = 29.%	Yes
Total area of skylights[4] ≤ 1.5 m² or 1.5% (whichever is greater).	no skylight	Yes
Total area of single glazed traditional leadlight glass ≤ 2.6 m²		Yes

H1 COMPLIANCE for Art Studio, Sleeping Area building

SHEDULE METHOD Checklist

*If the answer is **No** to any applicable item then the design fails the Schedule Method. Either change the design, or use the Calculation, BPI, or modelling method.*

Total glazing[1] area ≤ 30% of total wall area[2]	20.4m² glazing / 88.14m² gross wall = 23%	Yes
Window area of E, S, W[3] walls ≤ 30% of total wall area of these walls	13.5m² glazing / 53.4m² gross wall = 22.%	Yes
Total area of skylights[4] ≤ 1.5 m² or 1.5% (whichever is greater).	no skylight	Yes
Total area of single glazed traditional leadlight glass ≤ 2.6 m²		Yes
If solid construction, must also check the following items - is the design SOLID CONSTRUCTION?		N/A
All exterior walls either solid timber, or solid non-timber		N/A
All exterior walls of same solid type (all solid timber, all solid non-timber)[5]		N/A
At least 85% of internal walls are solid timber if using that option?		N/A
All insulation on the outside of the exterior walls		N/A

*If answer is **No** to any item then the Schedule values for solid construction cannot be used. The Schedule R-values for non-solid construction may be used if the proposed design meets those eligibility criteria.*

Check R-values against Schedule values

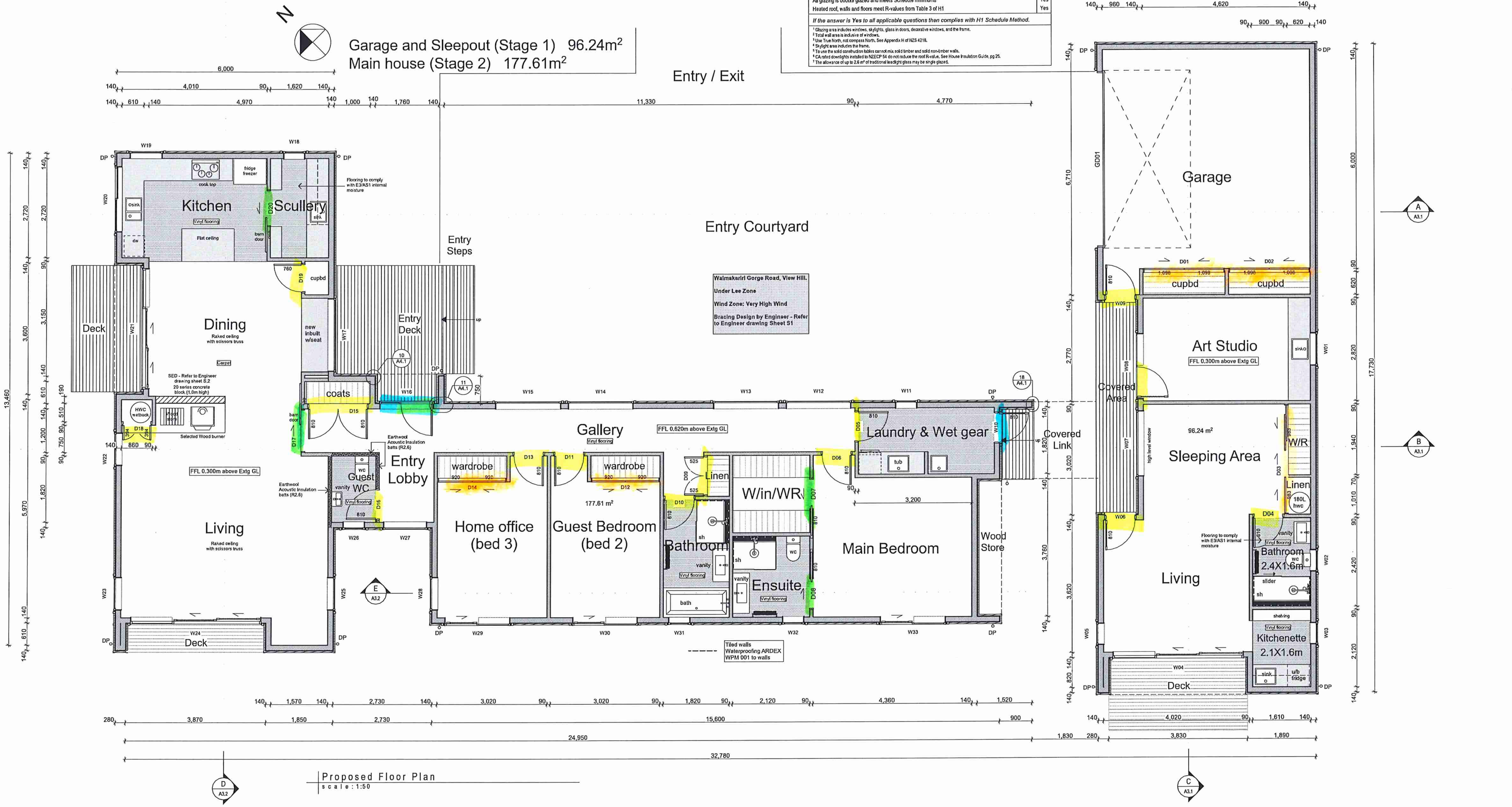
R-values of all components meet Schedule minimums	Yes
R-value of roof takes into account downlights?[6]	Yes
All glazing is double glazed and meets Schedule minimums[7]	Yes
Heated roof, walls and floors meet R-values from Table 3 of H1	Yes

*If the answer is **Yes** to all applicable questions then complies with H1 Schedule Method.*

[1] Glazing area includes windows, skylights, glass in doors, decorative windows, and the frame.
[2] Total wall area is inclusive of windows.
[3] Use True North, not compass North. See Appendix H of NZS 4218.
[4] Skylight area includes the frame.
[5] To use the solid construction tables cannot mix solid timber and solid non-timber walls.
[6] CA rated downlights installed to NZECP 54 do not reduce the roof R-value. See House Insulation Guide, pg 25.
[7] The allowance of up to 2.6 m² of traditional leadlight glass may be single glazed.

INSULATION:
Truss - R7.0 Ceiling Insulation Batts (330mm thick). At truss end 600mm wide - PIR Insulation board 150mm thick = R7.0
Rafters - Flat roof: PIR Insulation board 150mm thick = R7.0
Timber Framed Walls - R3.6 Wall Insulation Batts (140mm thick)
Under Slab - Expol SLABX200 - 75mm thick = R2.2
Aluminium Joinery - Thermally broken double glazed, Low E and Argon gas = R0.50

NOTE:
ALL RECESSED DOWNLIGHTS MUST BE CA RATED FOR H1 COMPLIANCE



Proposed Floor Plan
scale: 1:50

Frost Residence

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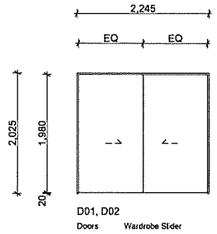
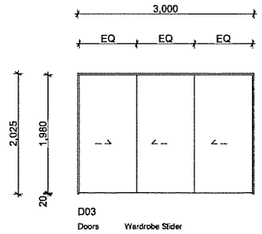
Drawn	PK	Job No. 2967	Original Size A1	Sheet No. A1.2
Checked	MC	ALL DIMENSIONS TO BE VERIFIED ON SITE		Of 12
Creation Date	April 2023			Rev 02
Plot Date	29/02/2024			

02 26/02/2024 Pricing Doc
01 5/02/2024 Amended Floor Plan
Rev Date Revision



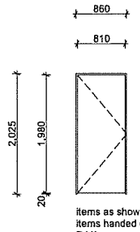
D01, D02

Doors Wardrobe Slider



D03

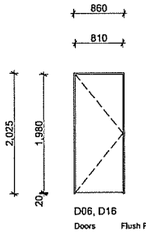
Doors Wardrobe Slider



items as shown (D05, D13); items handed (D04, D10, D11)

Doors Flush Panel Interior Grade

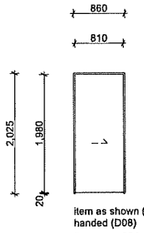
Finish - Door Paint



D06, D16

Doors Flush Panel Interior Grade

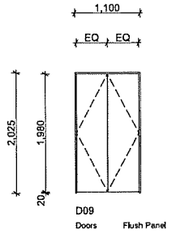
Finish - Door Paint



item as shown (D07); item handed (D08)

Doors CS for Doors Flush Panel Interior Grade

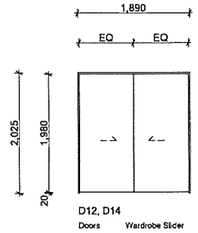
Finish - Door Paint



D09

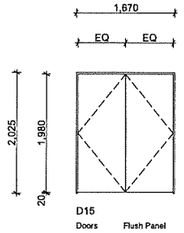
Doors Flush Panel Interior Grade

Finish - Door Paint



D12, D14

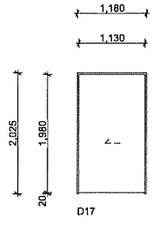
Doors Wardrobe Slider



D15

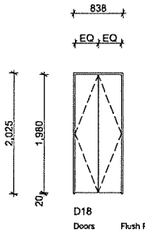
Doors Flush Panel Interior Grade

Finish - Door Paint



D17

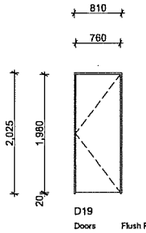
Selected Barn door by owner



D18

Doors Flush Panel Interior Grade

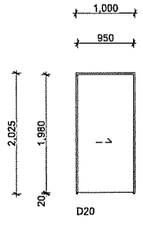
Finish - Door Paint



D19

Doors Flush Panel Interior Grade

Finish - Door Paint



D20

Selected Barn door by owner

Door Schedule

scale: 1:50

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Drawn	PK	Job No 2967	Original Size A1	Sheet No. A5.2	Of 12
Checked	MC				Rev 01
Creation Date	April 2023	ALL DIMENSIONS TO BE VERIFIED ON SITE			
Plot Date	29/02/2024				

29/02/2024 Date