



Draw n	Venus Wyatt		PROJECT 11 Nolan St Mornington Dunedin	Dwawing Title		Notes		ARCHITECT SEAL
		Date			Dwg. No.			
	check ed			15/07/21	Second Floor Bracing Plan	S02	1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Engineers Drawings take precedence	
Scale	1 : 100							

Window Schedule Primary Dwelling					
Window No.	Width	Height	Sill Height	Construction	Notes
W01	1000	1000	1200	Aluminium Frame, Fixed Panel	
W02	2000	800	1200	Aluminium Frame, Hinged	
W03	800	500	1300	Aluminium Frame, Fixed Panel	Safety Glass
W08	800	500	1300	Aluminium Frame, Fixed Panel	Safety Glass
W11	2000	1400	800	Aluminium Frame, Hinged with restrictor	
W05,W10	2000	1400	800	Aluminium Frame, Fixed Panel	
W06	2000	800	1400	Aluminium Frame, Hinged with restrictor	
W07	800	800	1400	Aluminium Frame, Hinged with restrictor	Safety Glass
W09	800	800	1400	Aluminium Frame, Hinged with restrictor	
W12-14	2000	1000	800	Aluminium Frame, Hinged with restrictor	
W16	2000	1000	800	Aluminium Frame, Hinged with restrictor	
W15,17	2000	1000	800	Aluminium Frame, Fixed Panel	
W18	1500	600	1800	Aluminium Frame, Hinged with restrictor	Safety Glass
W04	3125	1000	1200	Aluminium Bay Window hinged with restrictors	Safety Glass

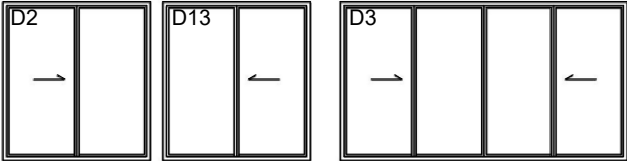


Door Schedule				
Location	Door No.	Width	Height	Construction
Ext	D1	4550	1940	Selected Garage Door
Int.	D5,8,12,15,16,17,19	810	1980	Hollow Core
Int.	D6	760	1980	Hollow Core
Int.	D4,7,10,11,14	1620	1980	Hollow Core (double)
Ext.	D9,18	860	1980	Aluminium Frame, Safety Glass
Ext.	D2 D13 D3	1850 1850 3800	2000 2000 2000	Aluminium Frame, Safety Glass Ranch Sliders

Note:

All Glazing to be Double Glazed.
All window sills to be min 800mm from floor.
All openable windows above one story high to have restrictors .
All windows in stairwell & bathrooms to have safey glazing

For futher information refer to Elevations



Window Schedule Secondary Dwelling				
Window No.	Width	Height	Sill Height	Construction
W1	1800	1000	800	Aluminium Frame, Fixed Panel
W2	1800	600	1400	Aluminium Frame,Fixed Panel
W3	1000	800	1200	Aluminium Frame, Hinged
W4	1800	600	1400	Aluminium Frame, Fixed Panel
W5	1800	600	1400	Aluminium Frame, Fixed Panel
W06	1800	1000	800	Aluminium Frame, Hinged
W7	1800	1000	800	Aluminium Frame, Hinged
W8	2000	1000	800	Aluminium Frame, Fixed, safety glazed

Door Schedule Secondary Dwelling				
Location	Door No.	Width	Height	Construction
Ext	D1	2000	1980	Aluminuim Frame, safety glass ranch sliders
Int.	D2 &3	710	1980	Hollow Core

Note:

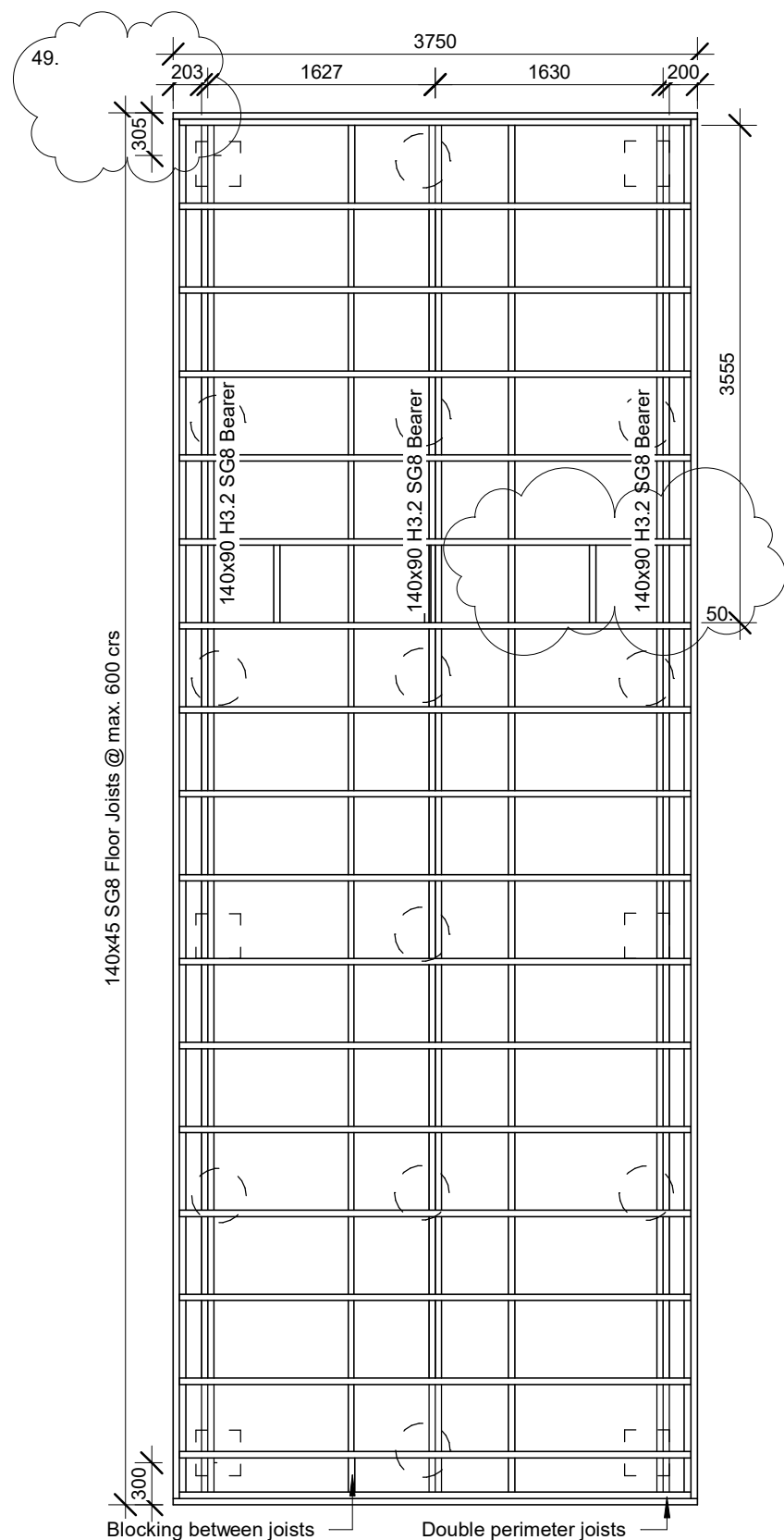
All Glazing to be Double Glazed.
For futher information refer to Elevations

Draw n	Venus Wyatt		PROJECT 11 Nolan St Mornington Dunedin	Dwawing Title Window & Door Schedule		Notes 1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Engineers Drawings take precedence		ARCHITECT SEAL
		Date			Dwg. No.		ARCHITECT	
		15/07/21			S03		Designer: Andrew Sutherland	
check ed								
Scale								

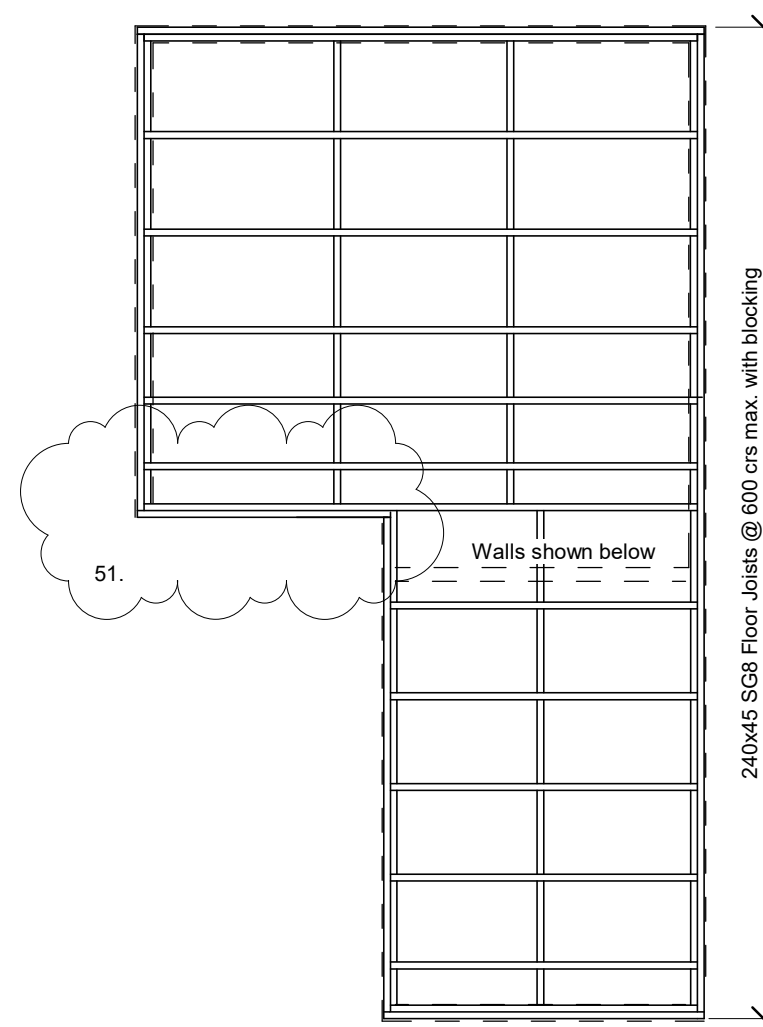


Timber Foundation to comply with
NZS 3604 section 6.
Piles founded to good ground.
Anchor Piles min 900mm deep.
& to have 450mm Sq. 20Mpa
Conc. all round & 100mm below
Ordinary Piles to have 100mm
20MPa Conc. all round & min.
450 deep. to good ground.

Draw n	Venus	Date	PROJECT	Dwawing Title	Dwg. No.	Notes	ARCHITECT	ARCHITECT SEAL
	Wyatt							
	A. Sutherland							
check ed		21/09/2020	11 Nolan St Mornington	Secondary Dwelling Foundation Plan	L02	1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be	Designer: A. Sutherland	
Scale	1 : 50							



1 Ground Floor Framing Plan
1 : 50



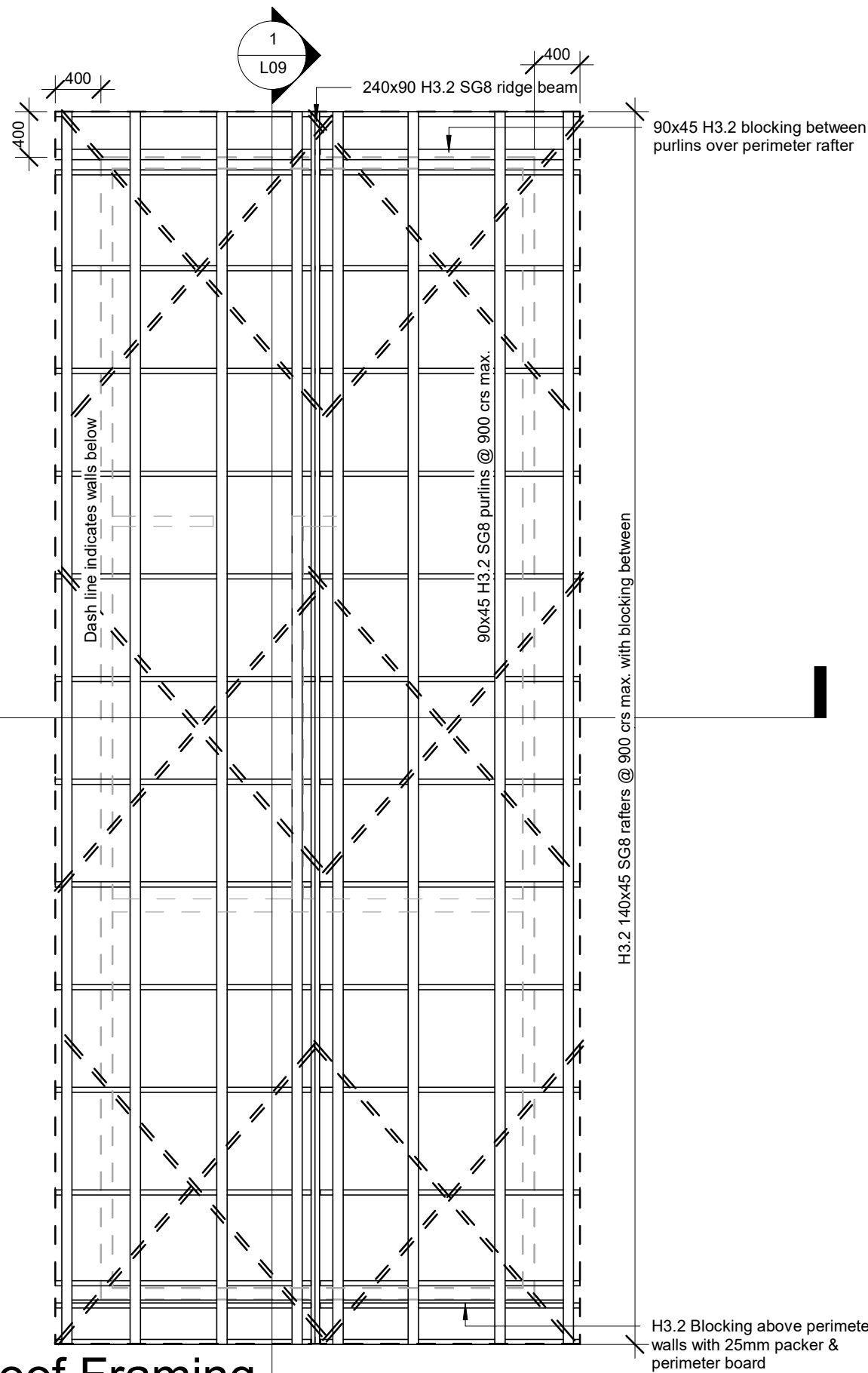
2 First Floor Framing Plan
1 : 50

Suspended timber floors to comply with NZS 3603 section 7.
Fixings to comply with table 7.5

90x45 SG8 H1.2 Studs @ 400crs dwangs @ 600crs up to max. height 2.7
2/ 90x45 SG8 H1.2 studs @ 300crs above 2.7m and to max 4.2m

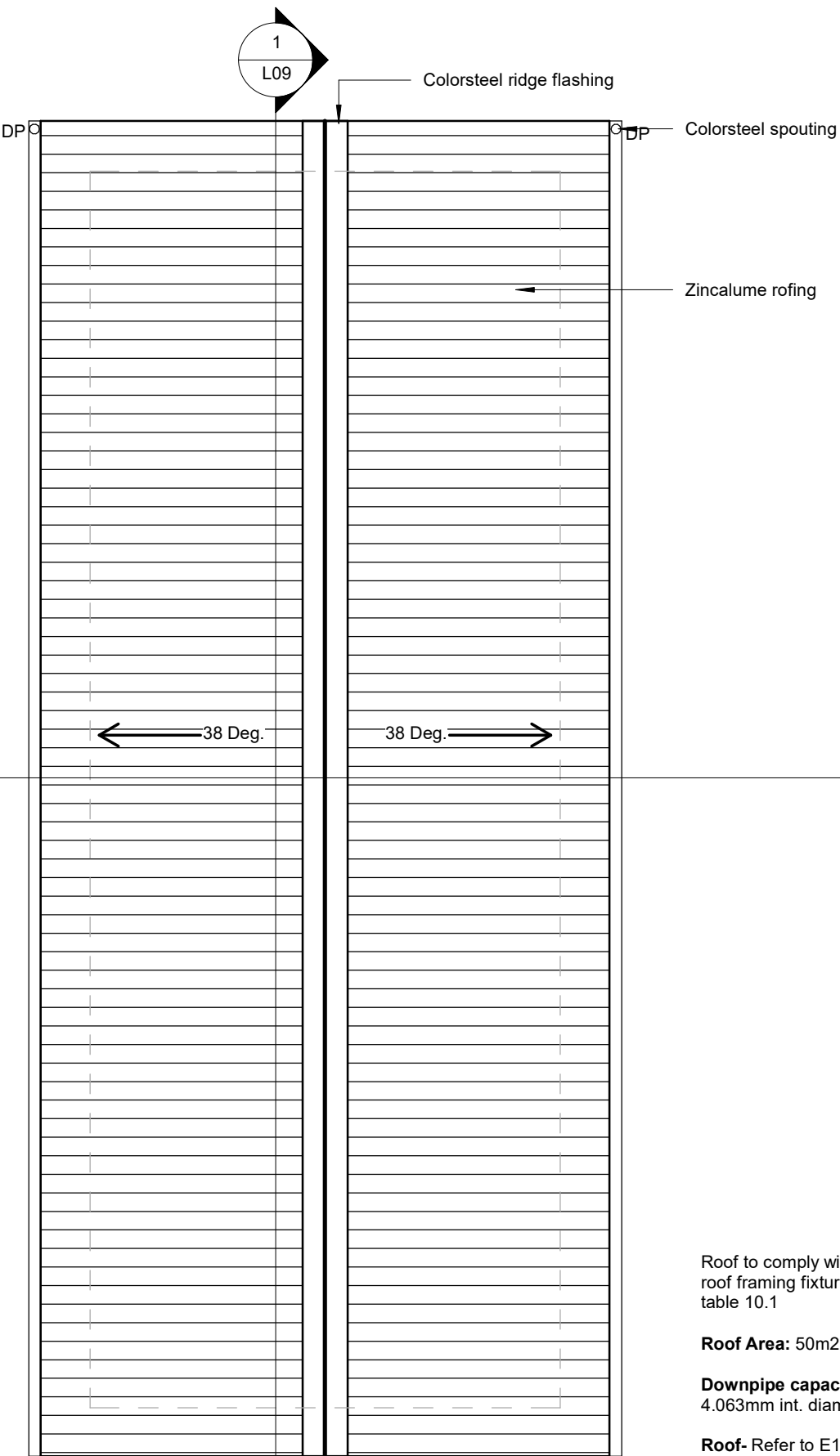
53 & 54

Drawn	Venus Wyatt A. Sutherland	Date	PROJECT 11 Nolan St Mornington	Drawing Title Secondary Dwelling Floor Framing Plans	Dwg. No. L04	Notes 1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be notified before commencement.	ARCHITECT Designer	ARCHITECT SEAL
		21/09/2020						
check ed								
Scale	1 : 50							



Roof Framing

1 : 50



Roof

1 : 50

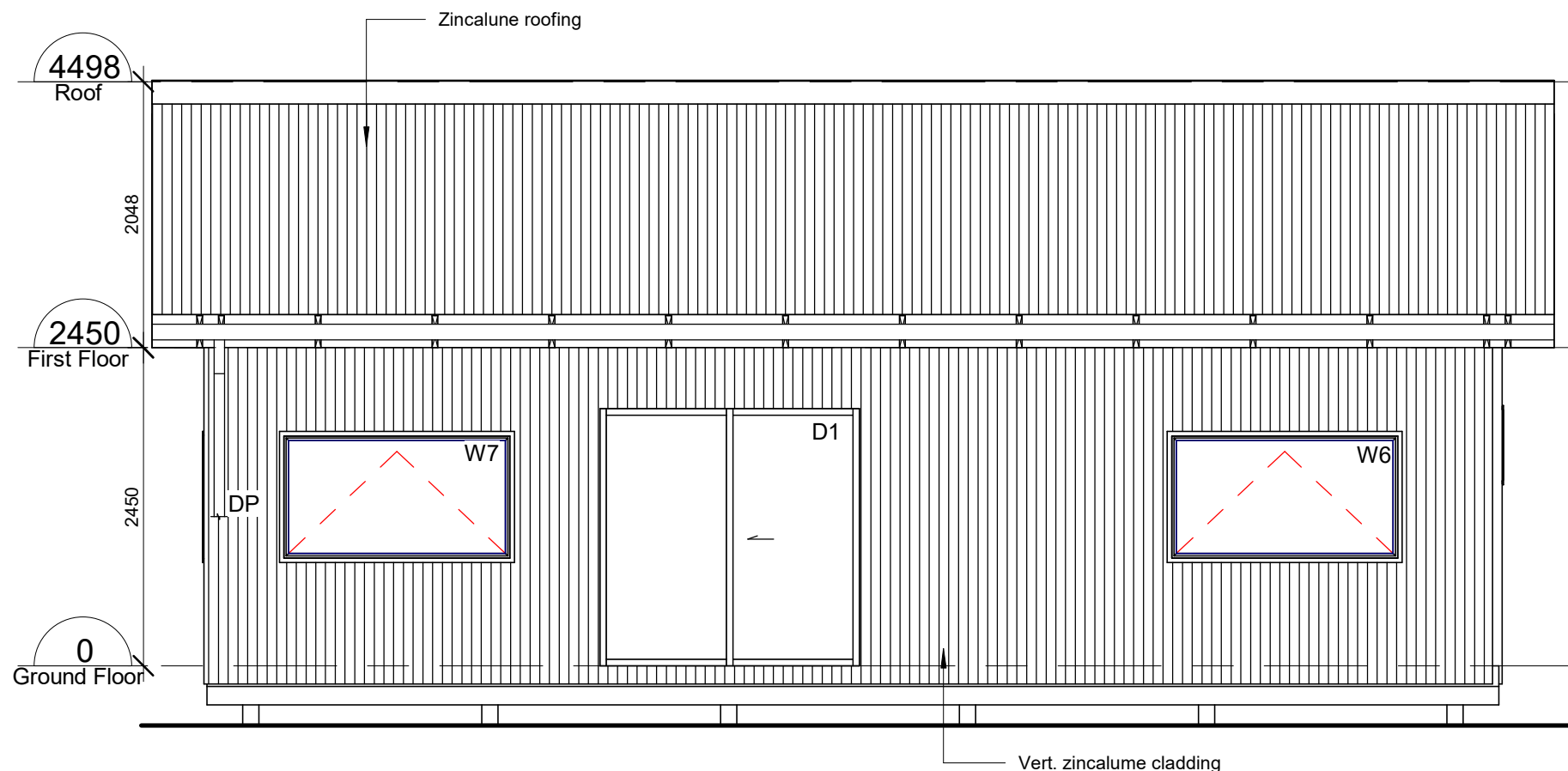
Roof to comply with NZS 3604 section 10
roof framing fixtures to comply with NZS 3604
table 10.1

Roof Area: 50m2

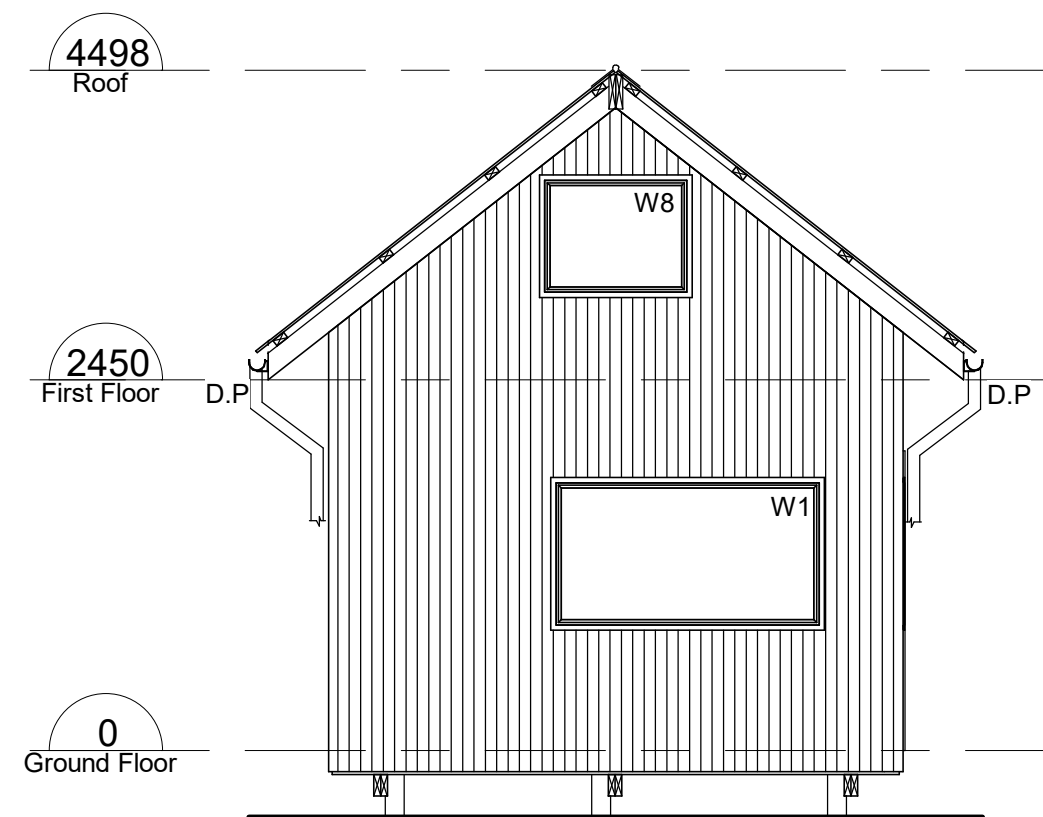
Downpipe capacity- Refer to E1/AS1 clause
4.063mm int. diam. downpipe= 60m2 catchment

Roof- Refer to E1/AS1 clause 4.0
50m2 roof area= 1 downpipe. 2 provided.

Drawn	Venus Wyatt A. Sutherland	Date	PROJECT	Dwawing Title	Dwg. No.	Notes	ARCHITECT	ARCHITECT SEAL
checked		21/09/2020	11 Nolan St Mornington	Secondary Dwelling Roof & Roof Framing Plan	L05	1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be notified before commencement.	Designer	
Scale	1 : 50							



4 North
1 : 50



1 East
1 : 50

GENERAL:

Windows:

All windows & doors to be double glazed units as per NZBC H1/AS1 2007. Sill supports bars to all exterior door & window sills wider than 600mm.

Cladding:

0.4mm Vertical corrugated zincalume cladding over building paper, direct fixed 90x45 H1.2 SG8 Timber framing.

Roofing:

0.4mm Corrugated Zincalume long run roofing over building paper fixed to 90x45 purlins.

Insulation R- value requirements

Roof Min. Req. 3.3

Wall Min. Req. 2.0

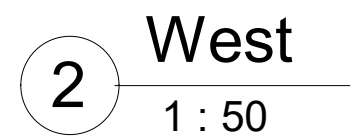
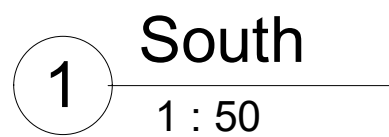
Floor Min. Req. 1.3

BUILDING ENVELOPE RISK MATRIX

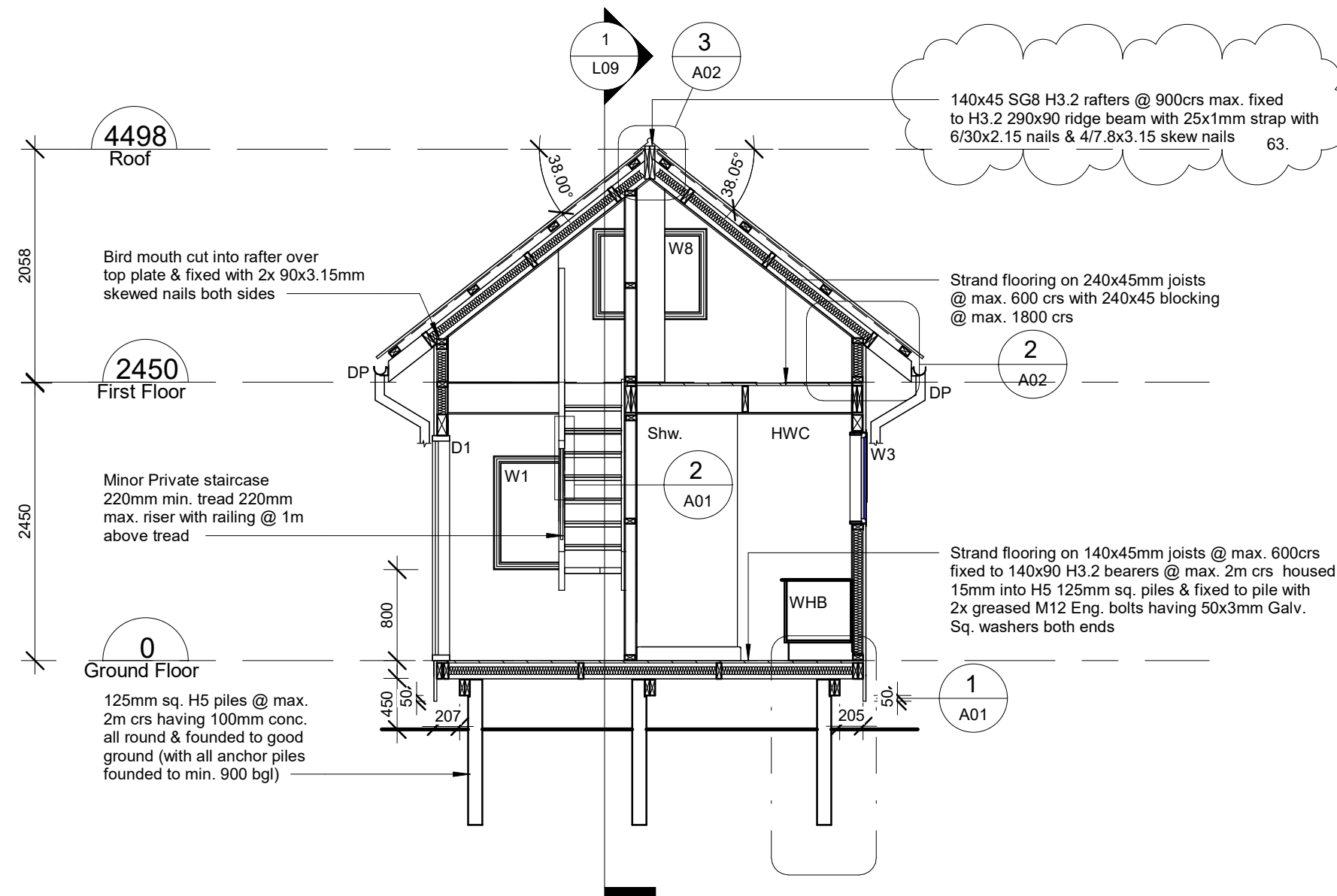
A Wind Zone	Low Risk	0
B No. Stories	Low Risk	0
C. Roof/ Wall design	Medium Risk	1
D. Eaves	High Risk	2
E. Envelope Complexity	Low Risk	0
F. Deck Design	Low Risk	0

TOTAL RISK SCOPE 3

Drawn	Venus Wyatt A. Sutherland	Date 21/09/2020	PROJECT 11 Nolan St Mornington	Drawing Title Secondary Dwelling North & East Elevation	Dwg. No. L06	Notes 1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be notified before commencement.	ARCHITECT Designer: A. Sutherland	ARCHITECT SEAL
check ed								
Scale	1 : 50							

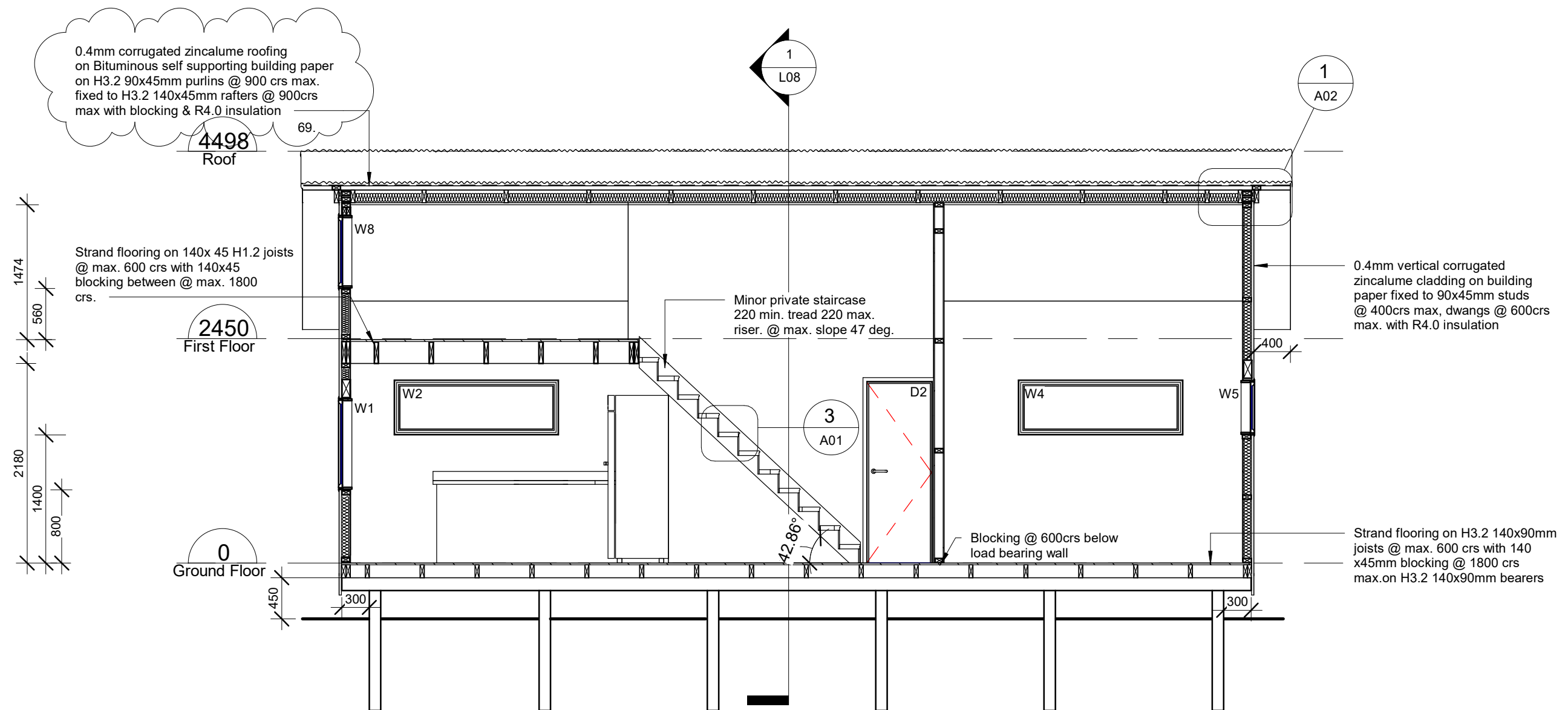


Draw n	Venus Wyatt A. Sutherland		PROJECT	Dwawing Title		Notes		ARCHITECT SEAL	
		Date			11 Nolan St Mornington		Dwg. No.		ARCHITECT
		21/09/2020					Secondary Dwelling South & West Elevations		
check ed						1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be			
Scale	1 : 50								



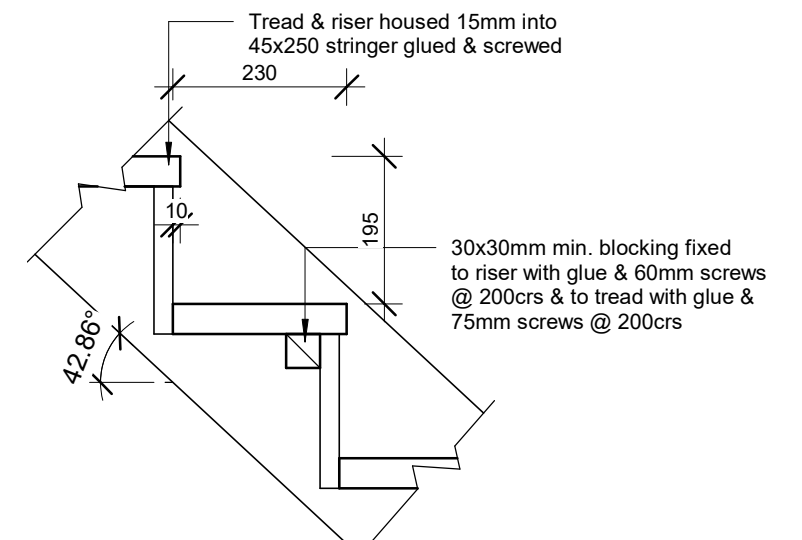
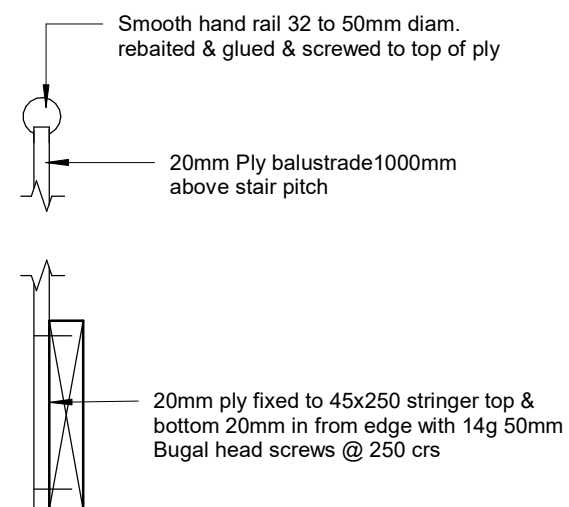
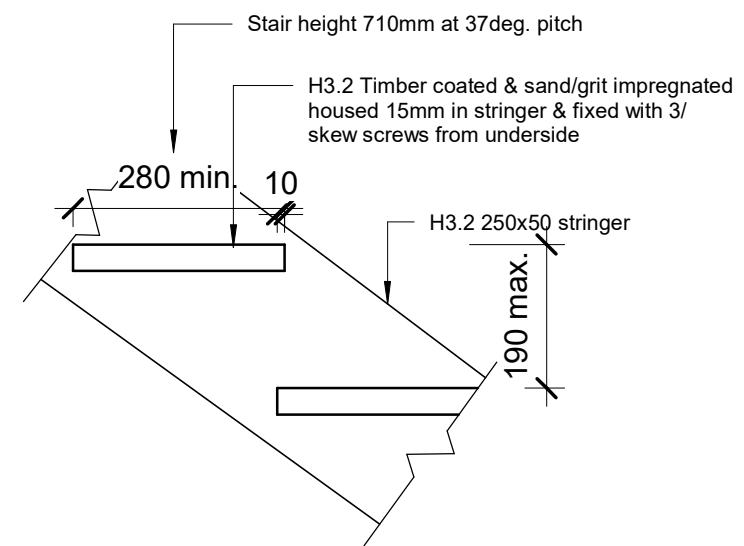
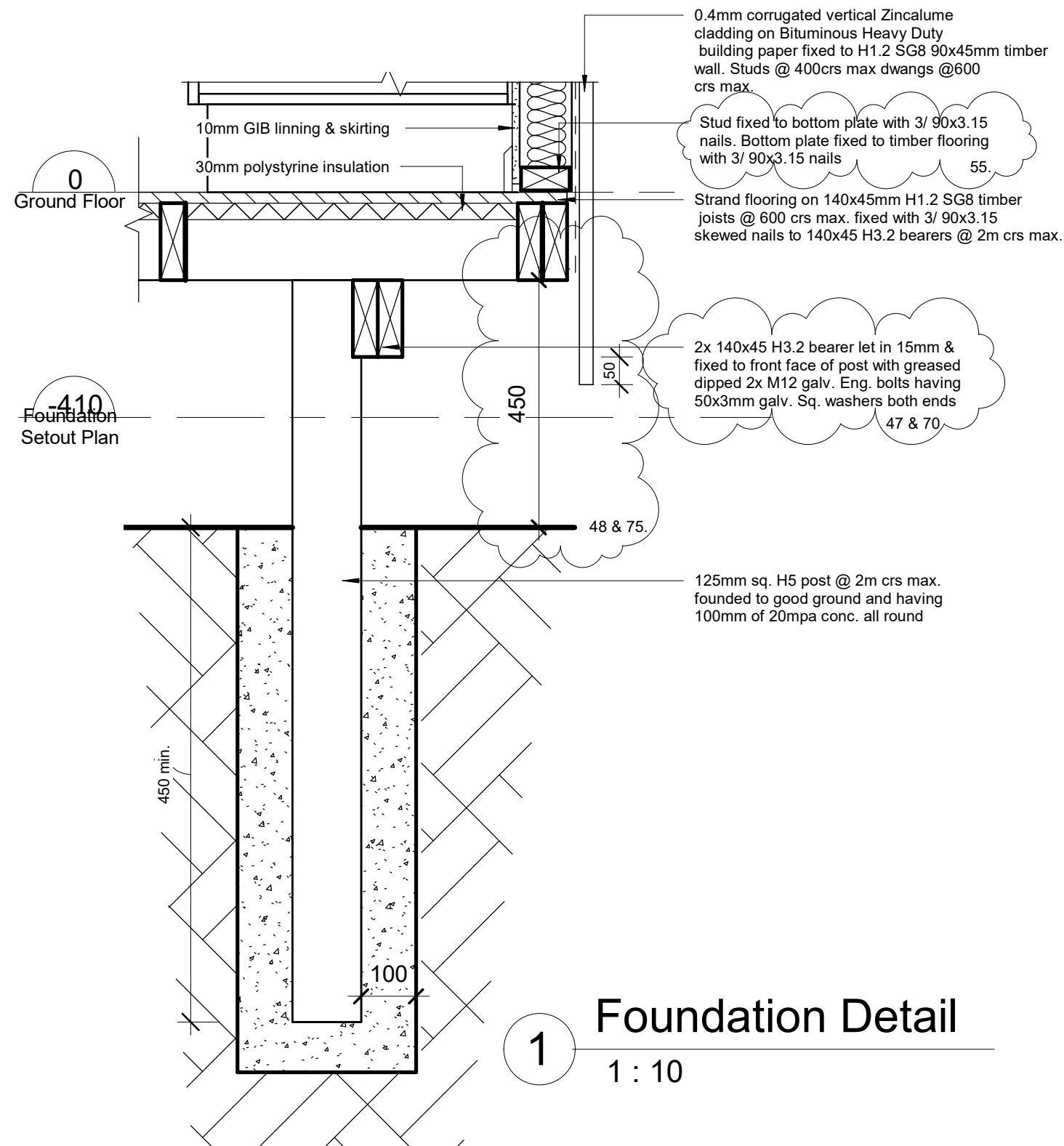
Section A
1 : 50

Drawn	Venus Wyatt A. Sutherland	Date	PROJECT	Drawing Title	Dwg. No.	Notes	ARCHITECT	ARCHITECT SEAL
check ed		21/09/2020	11 Nolan St Mornington	Secondary Dwelling Section A	L08	1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be notified before commencement.	Designer: A. Sutherland	
Scale	1 : 50							

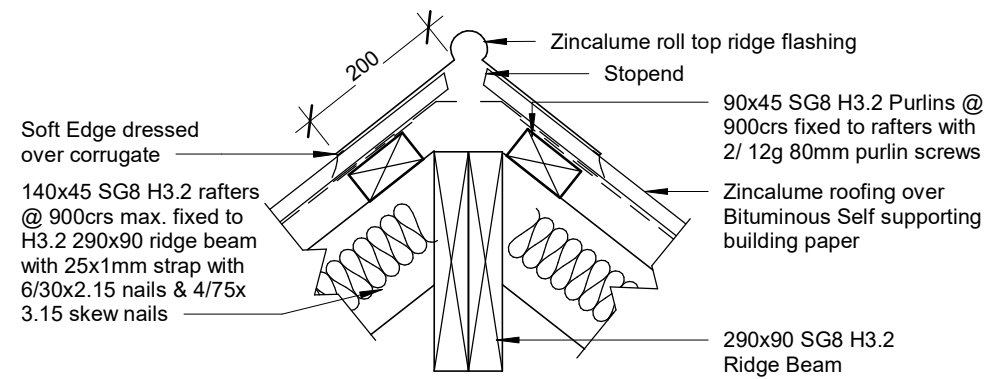


Section B
1 : 50

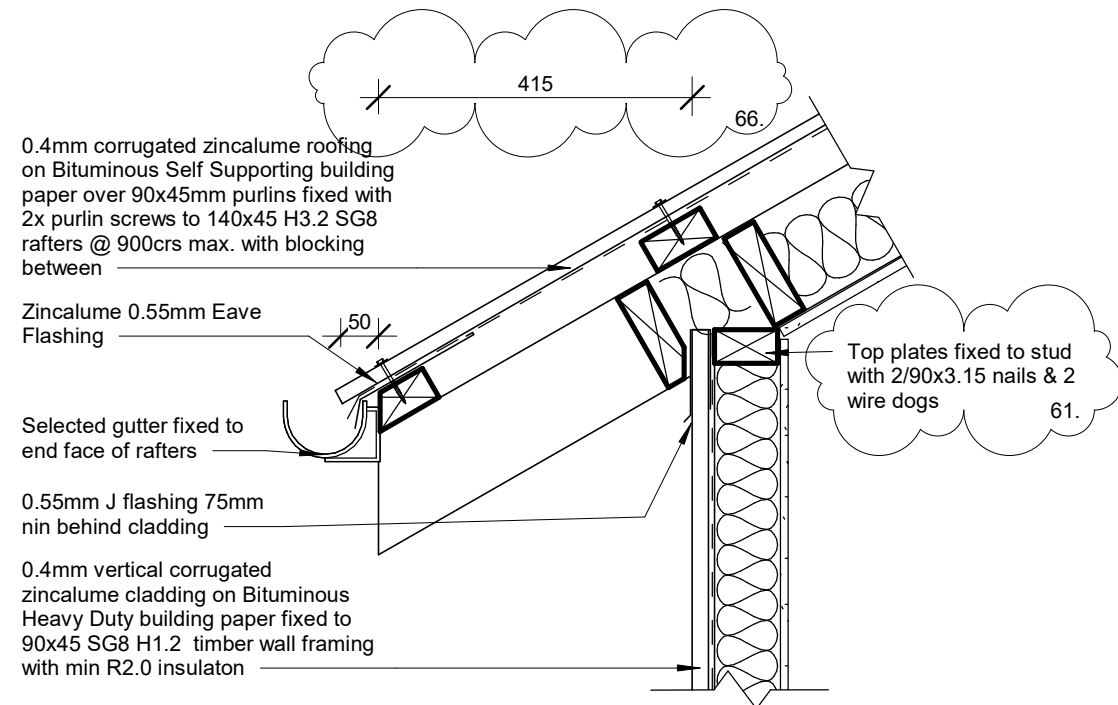
Drawn	Venus Wyatt A. Sutherland	Date	PROJECT	Drawing Title	Dwg. No.	Notes	ARCHITECT	ARCHITECT SEAL
check ed		21/09/2020	11 Nolan St Mornington	Secondary Dwelling Section BB	L09	1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be notified before commencement.	Designer: A. Sutherland	
Scale	1 : 50							



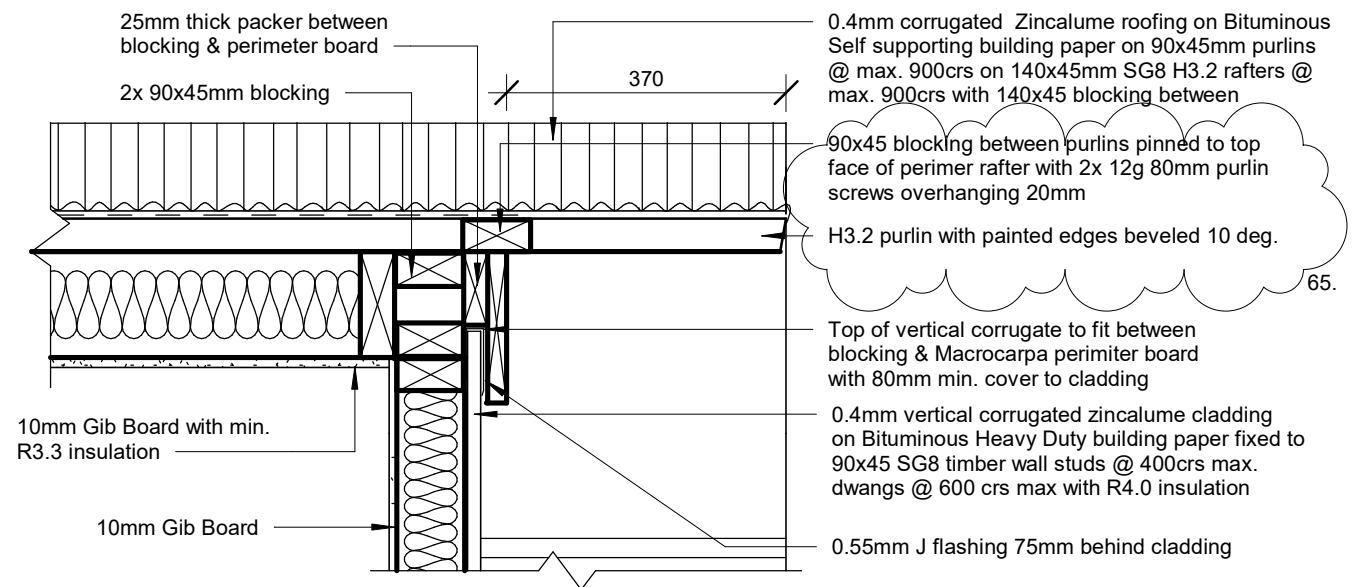
Drawn	Venus Wyatt	Date	PROJECT	Drawing Title	Dwg. No.	Notes	ARCHITECT	ARCHITECT SEAL
checked	A. Sutherland	21/09/2020	11 Nolan St Mornington	Secondary Dwelling Details	A01	1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be notified before commencement.	Designer: A. Sutherland	
Scale	1 : 10							



3 Ridge Detail
1 : 10



2 Eave Detail
1 : 10



1 Barge Detail
1 : 10

Drawn	Venus Wyatt	Date	PROJECT	Dwawing Title	Dwg. No.	Notes	ARCHITECT	ARCHITECT SEAL
checked	A. Sutherland	21/09/2020	11 Nolan St Mornington	Secondary Dwelling Details 2	A02	1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be notified before commencement.	Designer	
Scale	1 : 10							

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LINTEL FIXING SCHEDULE

ALTERNATIVE TO TABLE 8.14 & FIGURE 8.12

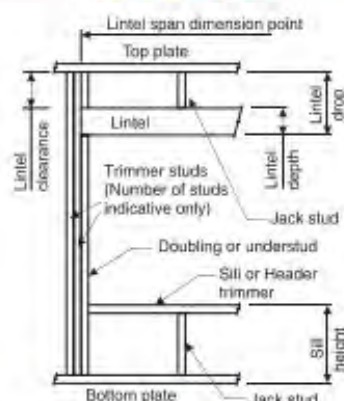
NZS 3604:2011

01/2017

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



Roof Tributary Area	Light Roof				Heavy Roof			
	Wind Zone				Wind Zone			
	L	M	VH	EH	L	M	VH	EH
8.6m ²	G	G	H	G	G	G	H	
11.6m ²	G	H	H	G	G	H	H	
12.1m ²	G	H	H	G	H	H		
15.3m ²	H	H	-	G	H	H		
19.1m ²	H	-	-	G	H	-		
20.9m ²	H	-	-	H	H	-		
21.8m ²	H	-	-	H	-	-		
34.3m ²	-	-	-	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

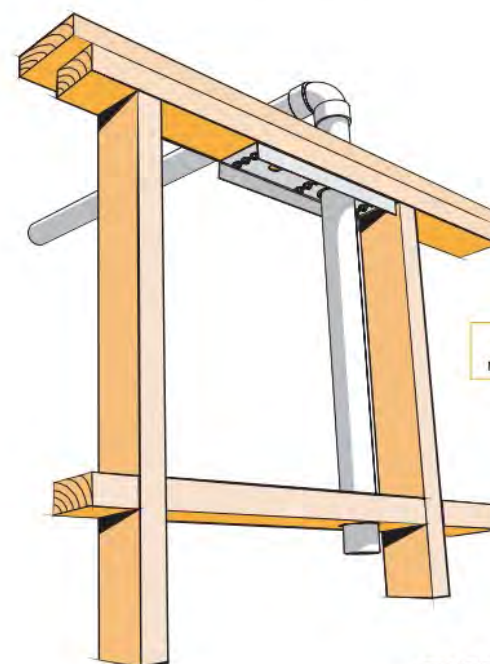
Lintel Span (m)	Loaded Dimension (m) (See Fig. 1.3 NZS 3604:2011)	Light Roof Wind Zone					Heavy Roof Wind Zone				
		L	M	H	VH	EH	L	M	H	VH	EH
1.0	2.0	E	E	E	F	F	E	E	E	F	F
	3.0	E	E	F	F	F	E	E	F	F	F
	4.0	E	F	F	F	G	E	E	F	F	F
	5.0	E	F	F	G	G	E	E	F	F	G
	6.0	E	F	F	G	G	E	E	F	F	G
1.2	2.0	E	E	F	F	F	E	E	E	F	F
	3.0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

LUMBERLOK[®]

TOP PLATE STIFFENER

02/2016

- ★ For plumbing or vacuum system ducting through top plates
- ★ Reinforces the top plate back to FULL STRENGTH!
- ★ Alternative solution to Figure 8.20 NZS 3604:2011



SCAN FOR
INSTALLATION
VIDEO
<https://vimeo.com/117353342>



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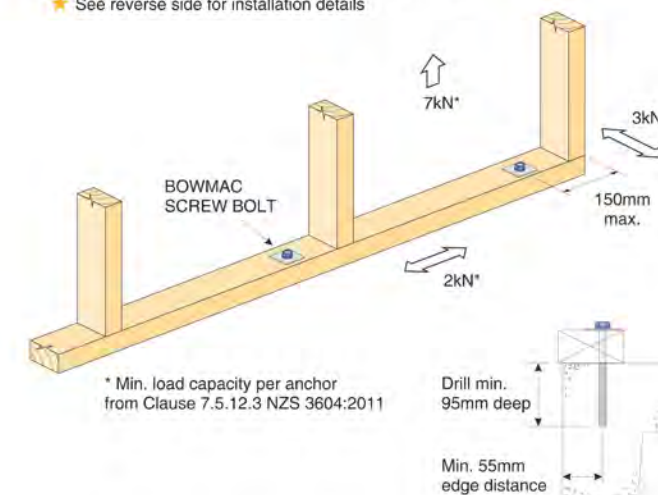
BOWMAC[®]

BOTTOM PLATE SCREW BOLT

M10 X 140 BOWMAC BLUE HEAD

04/2013

- ★ Complies with Clause 7.5.12.2 NZS 3604:2011 Proprietary Post Fixed Anchors
- ★ BRANZ tested. Ref# ST0895 Oct. 2012
- ★ Suitable for both external and internal wall frame anchor to concrete slab or masonry header blocks
- ★ Complies with durability requirements for "All Zones" in a "CLOSED" environment as defined in Table 4.1 NZS 3604:2011
- ★ See reverse side for installation details



Available from leading Builders Supply Merchants
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Drawn	Venus Wyatt	Date	PROJECT	Dwawing Title	Dwg. No.	Notes	ARCHITECT	ARCHITECT SEAL
check ed	A. Sutherland	21/09/2020	11 Nolan St Mornington	FIXINGS	S02	1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be notified before commencement.	Designer	
Scale								

Figure 68: General pipe penetration
Paragraph 9.1.3.3 Figure 120

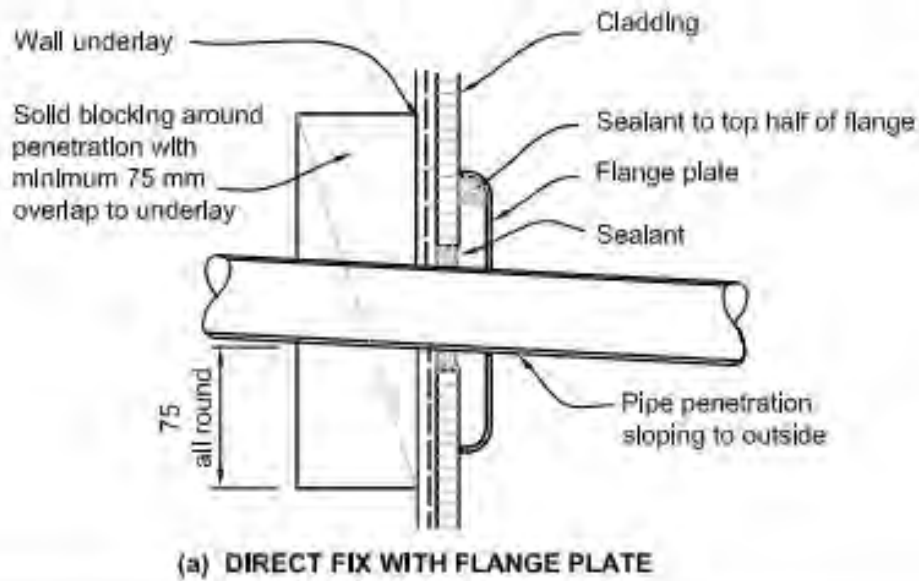
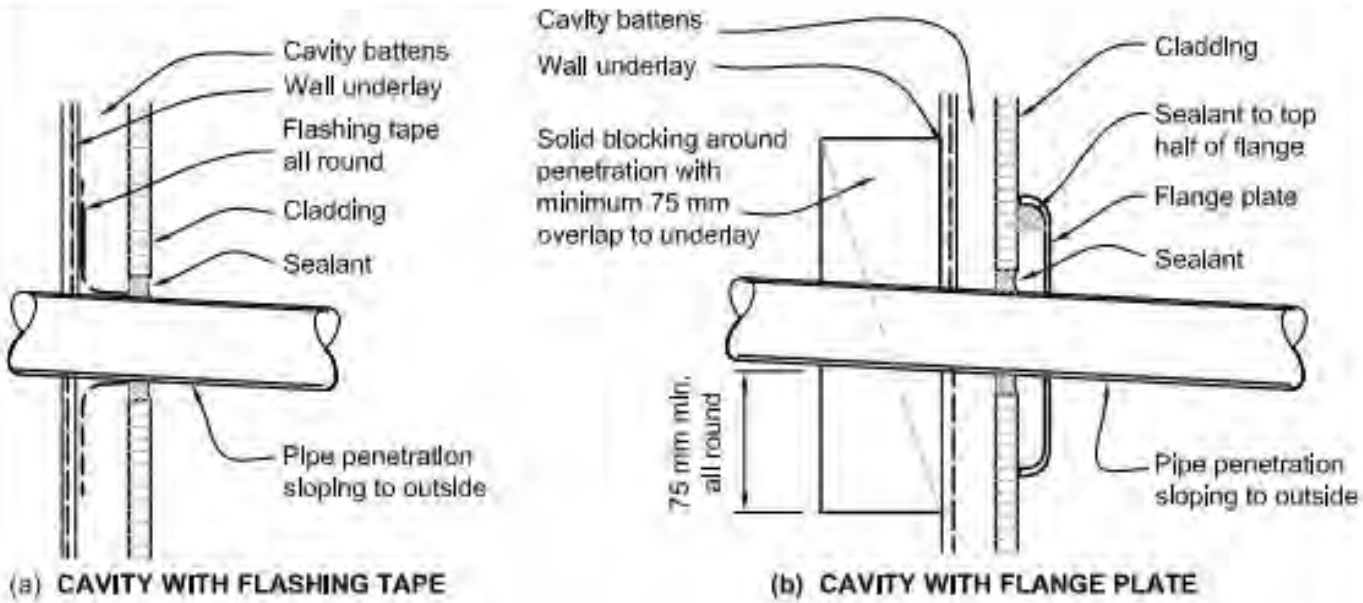


Figure 65: Levels and garage openings
Paragraphs 9.1.3, 9.1.3.4, 9.2.5, Table 18

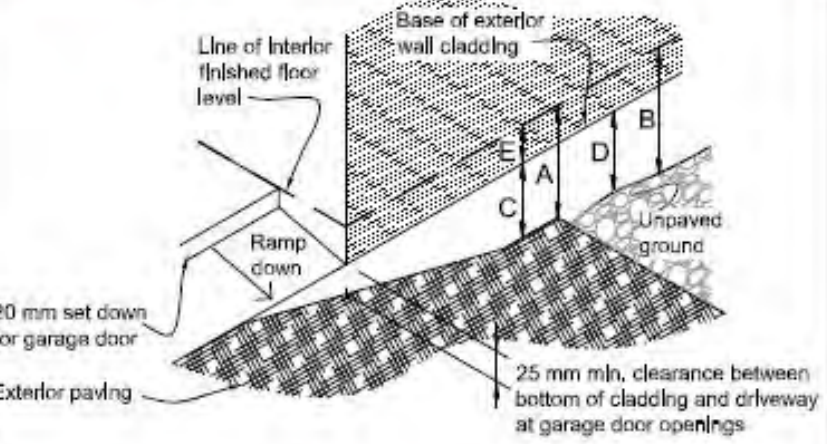


Table 18: Minimum clearances
Paragraphs 9.1.3, 9.1.3.1, 9.1.3.2, 9.1.3.3, 9.1.3.4, 9.1.3.5 and 9.2.7

Minimum clearances (mm)	Masonry veneer		Other claddings				
	A	B	A	B	C	D	E
Concrete slab	100	150	150	225	100	175	50
Timber floor	Refer Note 1)				100	175	502)

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

Drawn	Venus Wyatt	Date	PROJECT	Drawing Title	Dwg. No.	Notes	ARCHITECT	ARCHITECT SEAL
checked	A. Sutherland	21/09/2020	11 Nolan St Mornington	DETAILS	S03	1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be notified before commencement.	Designer	
Scale								

7.9 FASTENING PATTERNS

The following fastening patterns are designated in the following manner.

Corrugate



Hit one, miss one, 7 fasteners per metre.

0.40mm = 2.8kPa 0.55mm = 3.5kPa

With L/S washers 0.40mm = 4.9kPa 0.55mm = 5.6kPa



Miss one, miss two, 6 fasteners per metre.

0.40mm = 2.4kPa 0.55mm = 3.0kPa

With L/S washers 0.40mm = 4.2kPa 0.55mm = 4.8kPa

The use of the miss two, miss three fastening pattern should only be used with caution on 0.40mm HS Steel cladding.

5 rib trapezoidal

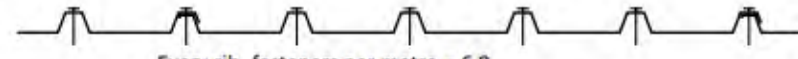


Every rib, fasteners per metre = 5.3

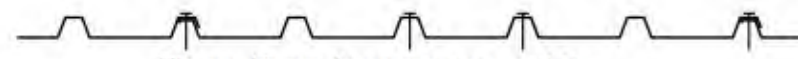


Hit one, miss one, fasteners per metre = 2.65

6 rib trapezoidal



Every rib, fasteners per metre = 6.8



Miss one, hit two, fasteners per metre = 4.16

Where the suffix L is used this indicates the use of load spreading washers.

These fastening patterns should be used in conjunction with the load span graphs in 3.9.

SELECTION CHART FIXING OPTIONS

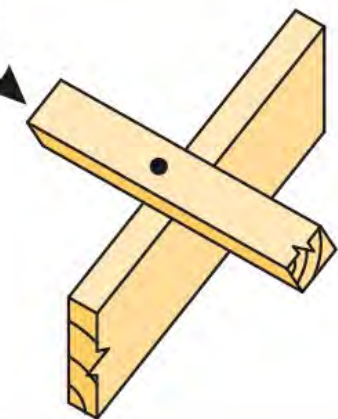
(minimum fixing requirements)

ROOF WEIGHT	MAX. PURLIN SPAN (mm)	MAX. PURLIN CRS. (mm)	WIND ZONE				
			L	M	H	VH	EH
HEAVY ROOF Tile Battens	900	370	A	A	A	A	A
LIGHT ROOF Tile Battens	900	370	A	A	B	C	C
	1200	370	A	B	C	C	C
LIGHT ROOF Purlins	900	900	C	C	C	C	D
	1200	900	C	C	C	D	D
	1200	1200	C	C	D	E	E

FIXING TYPE C
2.4kN

1 BLUE SCREW

Purlin / Batten



Draw n	Venus Wyatt A. Sutherland		PROJECT 11 Nolan St Mornington	Dwawing Title		Notes 1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be notified before commencement.		ARCHITECT SEAL
				Dwg. No.	ARCHITECT			
	check ed			21/09/2020	Unnamed	S04	Designer	
Scale								