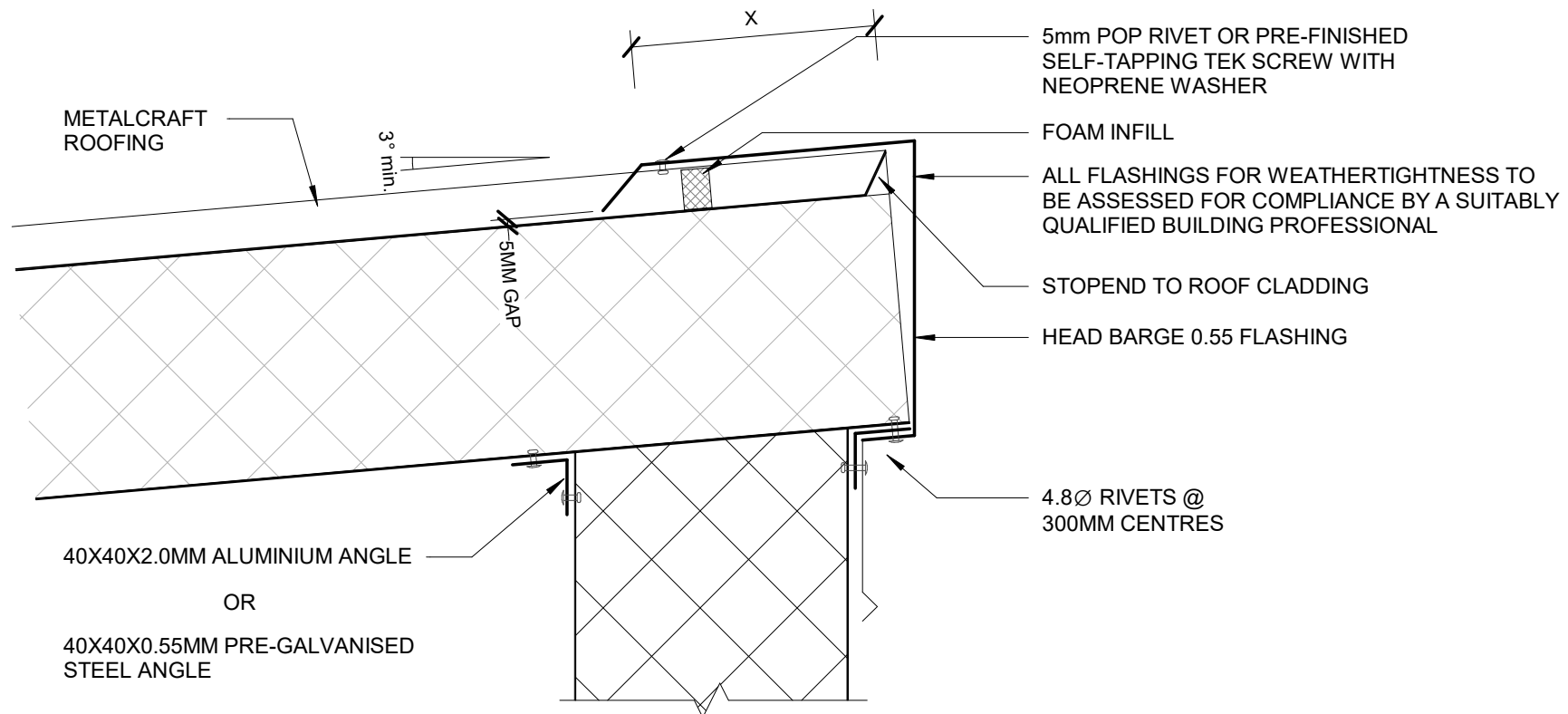


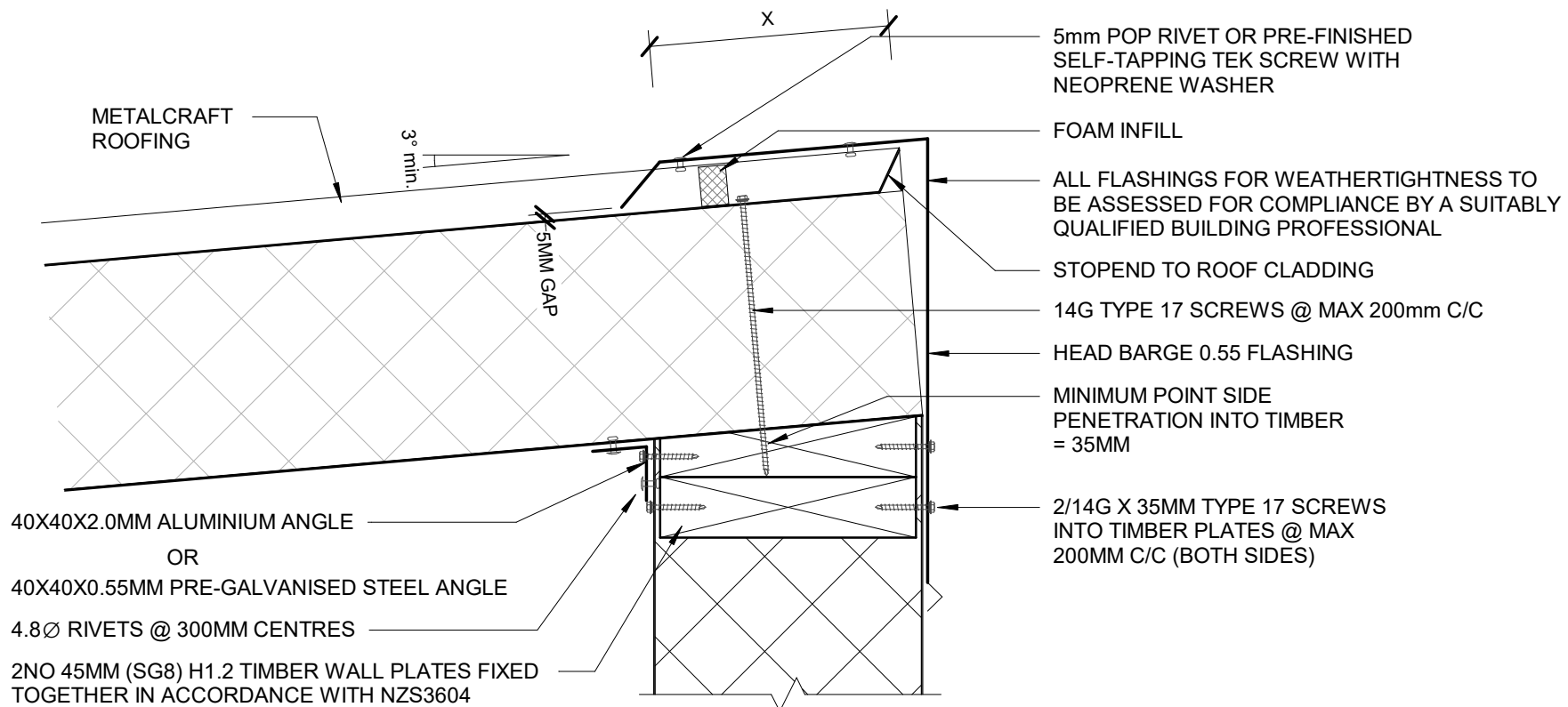


J.C. Macredie
BE PGDip(Fire) CMEngNZ IntPE
160766 18/09/2022

	Compliance with Building Code Clause B1 has been assessed by Redco NZ Limited for the follow conditions and fixings:	
	Uplift Fixings for All NZS 3604 Wind Zones up to and including "Extra High"	
Eaves Overhang	Screws and Timber Wall Plates	Rivets and Flashings
None (Soffit only ⁷)	-	4.8mm Ø Rivets @ 300mm c/c
NOTES 1. All fixings noted herein have been assessed for wind uplift only. 2. Fixings for all lateral load conditions, such as bracing and roof diaphragms, must be specifically assessed by the building designer. 3. The fixings noted herein may not be suitable for fire-rated walls and roofs and must be specifically assessed by the building designer. 4. Both aluminium and steel blind rivets with a minimum diameter of 4.8mm are acceptable. 5. Aluminium flashings used in structural connections must be a minimum 40 x 40 x 2.0mm. 6. Steel flashings used in structural connections must be a minimum 40 x 40 x 0.5mm pre-galvanised. 7. Soffits up to 300mm are not considered as an eaves overhang for the purpose of this assessment. 8. Panel metal skins must not be cut unless specifically assessed by the building designer, especially for eaves overhangs. 9. The fixings noted herein are suitable for use with Metalcraft Insulated Panels' -Span and -Panel product ranges with EPS and PIR cores. 10. Wind speeds exceeding 55m/s ("Extra High"), and all sites within Lee Zones must be specifically assessed by the building designer.		

ACCEPTABLE SOLUTION AS PER E2/AS1		
SITUATION 1	SITUATION 2	SITUATION 3
1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
X MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	

ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE	
CATEGORY A	CATEGORY B
1. NORMAL EXPOSURE 2. ROOF PITCH $>10^\circ$	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH $<10^\circ$
X MIN. 130mm	MIN. 200mm



J.C. Macredie
BE PGDip(Fire) CMEngNZ IntPE
160766 18/09/2022

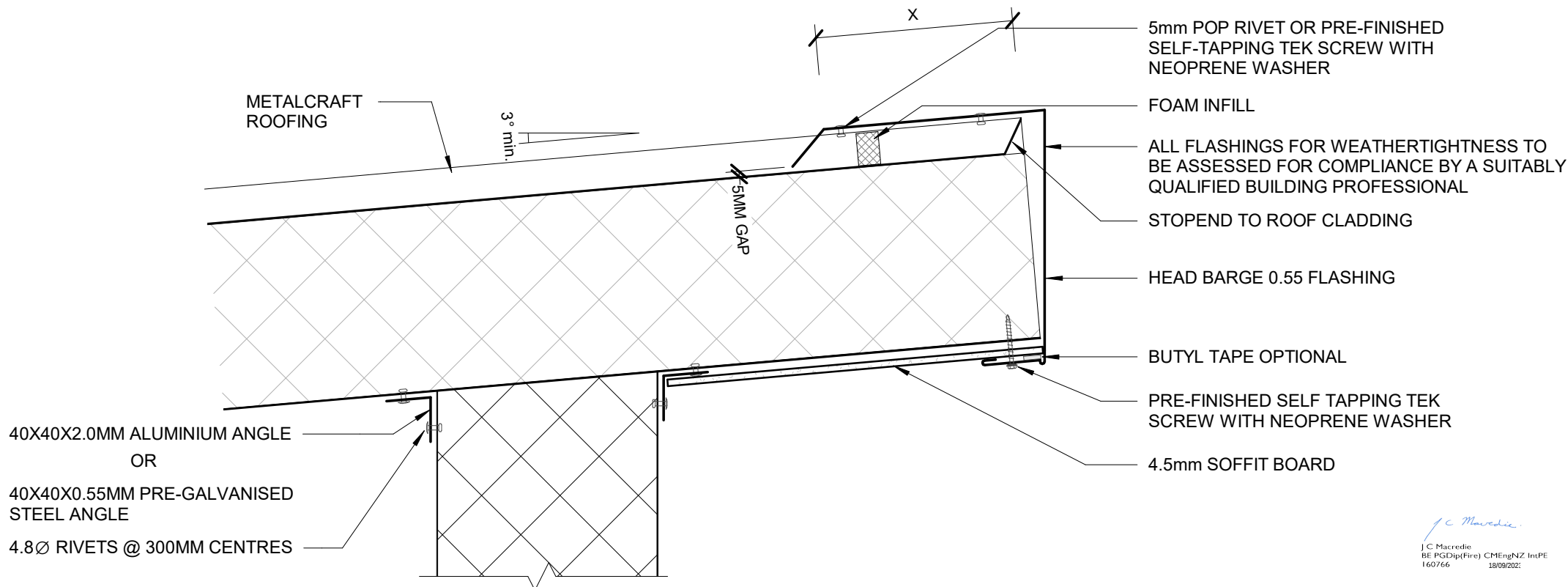
	Compliance with Building Code Clause B1 has been assessed by Redco NZ Limited for the follow conditions and fixings:	
	Uplift Fixings for All NZS 3604 Wind Zones up to and including "Extra High"	
Eaves Overhang	Screws and Timber Wall Plates	Rivets and Flashings
None (Soffit only ⁷)	14g Type 17 @ 200mm c/c	-

NOTES

1. All fixings noted herein have been assessed for wind uplift only.
2. Fixings for all lateral load conditions, such as bracing and roof diaphragms, must be specifically assessed by the building designer.
3. The fixings noted herein may not be suitable for fire-rated walls and roofs and must be specifically assessed by the building designer.
4. Both aluminium and steel blind rivets with a minimum diameter of 4.8mm are acceptable.
5. Aluminium flashings used in structural connections must be a minimum 40 x 40 x 2.0mm.
6. Steel flashings used in structural connections must be a minimum 40 x 40 x 0.5mm pre-galvanised.
7. Soffits up to 300mm are not considered as an eaves overhang for the purpose of this assessment.
8. Panel metal skins must not be cut unless specifically assessed by the building designer, especially for eaves overhangs.
9. The fixings noted herein are suitable for use with Metalcraft Insulated Panels' -Span and -Panel product ranges with EPS and PIR cores.
10. Wind speeds exceeding 55m/s ("Extra High"), and all sites within Lee Zones must be specifically assessed by the building designer.

ACCEPTABLE SOLUTION AS PER E2/AS1		
SITUATION 1	SITUATION 2	SITUATION 3
1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
X MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	

ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE	
CATEGORY A	CATEGORY B
1. NORMAL EXPOSURE 2. ROOF PITCH $>10^\circ$	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH $<10^\circ$
X MIN. 130mm	MIN. 200mm

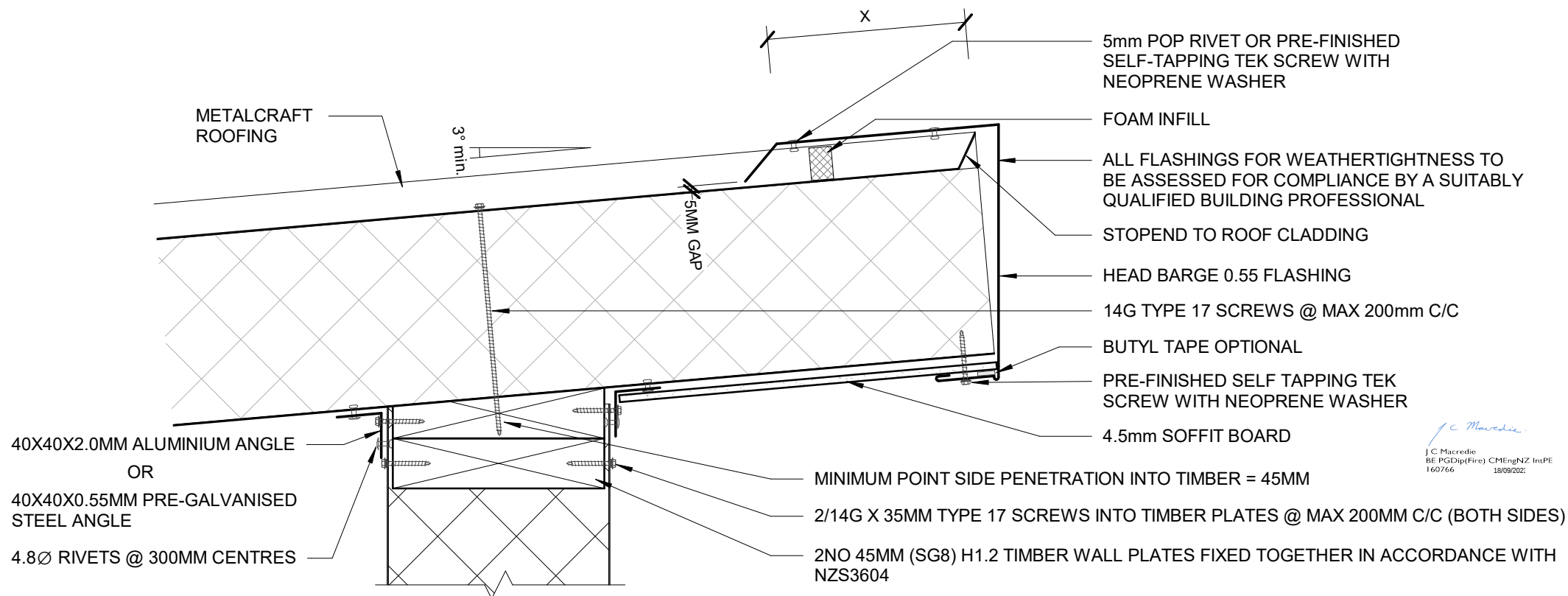


J.C. Macredie
BE PGDip(Fire) CMEngNZ IntPE
160766 18/09/2022

	Compliance with Building Code Clause B1 has been assessed by Redco NZ Limited for the follow conditions and fixings:	
	Uplift Fixings for All NZS 3604 Wind Zones up to and including "Extra High"	
Eaves Overhang	Screws and Timber Wall Plates	Rivets and Flashings
Up to 25% of the Roof Span	-	4.8mm Ø Rivets @ 200mm c/c
NOTES - All fixings noted herein have been assessed for wind uplift only. - Fixings for all lateral load conditions, such as bracing and roof diaphragms, must be specifically assessed by the building designer. - The fixings noted herein may not be suitable for fire-rated walls and roofs and must be specifically assessed by the building designer. - Both aluminium and steel blind rivets with a minimum diameter of 4.8mm are acceptable. - Aluminium flashings used in structural connections must be a minimum 40 x 40 x 2.0mm. - Steel flashings used in structural connections must be a minimum 40 x 40 x 0.5mm pre-galvanised. - Soffits up to 300mm are not considered as an eaves overhang for the purpose of this assessment. - Panel metal skins must not be cut unless specifically assessed by the building designer, especially for eaves overhangs. - The fixings noted herein are suitable for use with Metalcraft Insulated Panels' -Span and -Panel product ranges with EPS and PIR cores. - Wind speeds exceeding 55m/s ("Extra High"), and all sites within Lee Zones must be specifically assessed by the building designer.		

ACCEPTABLE SOLUTION AS PER E2/AS1		
SITUATION 1	SITUATION 2	SITUATION 3
1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
X MIN. 130mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	MIN. 200mm (EXCLUDING ANY SOFT EDGE OR TURN-DOWN TO ROOFING)	

ALTERNATIVE SOLUTION AS PER MRM CODE OF PRACTICE	
CATEGORY A	CATEGORY B
1. NORMAL EXPOSURE 2. ROOF PITCH $> 10^\circ$	1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa. 2. ROOF PITCH $< 10^\circ$
X MIN. 130mm	MIN. 200mm



J C Macredie
RE PGDip(Pire) CMEngNZ IntPE
160766 18/09/2022

	Compliance with Building Code Clause B1 has been assessed by Redco NZ Limited for the follow conditions and fixings:	
	Uplift Fixings for All NZS 3604 Wind Zones up to and including "Extra High"	
Eaves Overhang	Screws and Timber Wall Plates	Rivets and Flashings
Up to 25% of the Roof Span	14g Type 17 @ 200mm c/c	-
NOTES - All fixings noted herein have been assessed for wind uplift only. - Fixings for all lateral load conditions, such as bracing and roof diaphragms, must be specifically assessed by the building designer. - The fixings noted herein may not be suitable for fire-rated walls and roofs and must be specifically assessed by the building designer. - Both aluminium and steel blind rivets with a minimum diameter of 4.8mm are acceptable. - Aluminium flashings used in structural connections must be a minimum 40 x 40 x 2.0mm. - Steel flashings used in structural connections must be a minimum 40 x 40 x 0.5mm pre-galvanised. - Soffits up to 300mm are not considered as an eaves overhang for the purpose of this assessment. - Panel metal skins must not be cut unless specifically assessed by the building designer, especially for eaves overhangs. - The fixings noted herein are suitable for use with Metalcraft Insulated Panels' -Span and -Panel product ranges with EPS and PIR cores. - Wind speeds exceeding 55m/s ("Extra High"), and all sites within Lee Zones must be specifically assessed by the building designer.		

ACCEPTABLE SOLUTION AS PER E2/AS1		
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1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
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