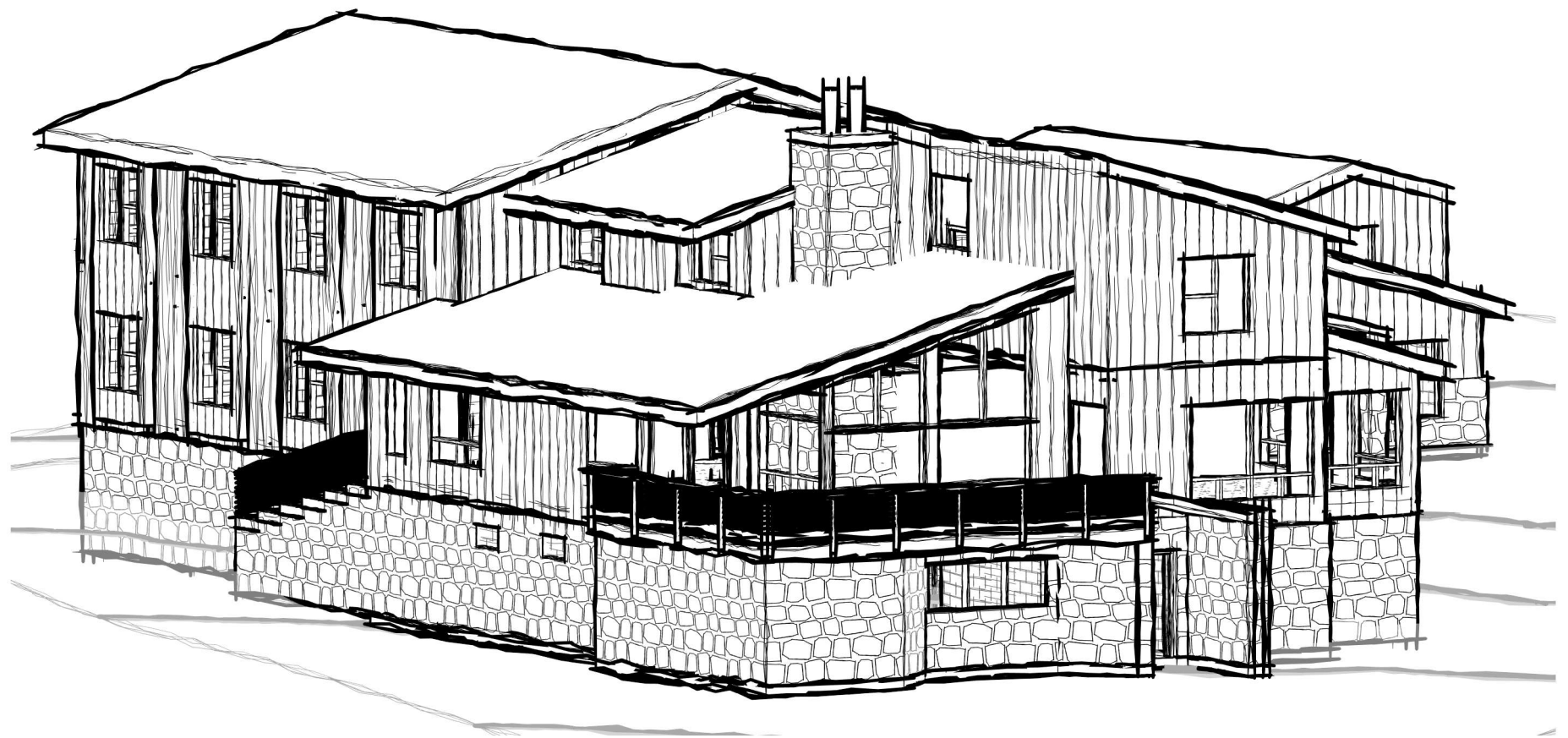


KOSCIUSZKO ALPINE CLUB CHARLOTTE PASS

Proposed Reclad 2021-2022

Drawing Index:

- A0A Cover Sheet
- A0B Proposed Materials
- A01 Site Plan
- A02 Basement Plan
- A03 Ground Floor Plan
- A04 First Floor Plan
- A05 Elevations North & South
- A06 Elevations South & West



Project Address: 112/-/DP1242013 Kosciusko Alpine Club Charlotte Pass NSW 2624	Sheet Name : Cover Sheet	Project: KAC Charlotte Pass	Sheet No: A0A	Scale:	Project Status: DA	Drawn by :MM
	Note:All design, construction & material to be in accordance with Building Code of Australia(BCA). Building regulations & local government plans and policies, current issues of Australian Standards, current manufacturers specification.		Issue Date: 03.06.2021			Checker

Note: All design, construction & material to be in accordance with Building Code of Australia (BCA). Building regulations & local government plans and policies, current issues of Australian Standards, current manufacturers specification.

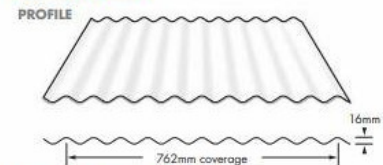
Proposed Materials & Finishes

Corrugated or Similar

Steelline Corrugated 762

Corrugated roofing has been used in domestic and industrial applications for over 100 years and is still very popular today. Corrugated is available in a wide range of colours and is suitable for roof and wall on contemporary homes. Galvanised roofing is also available for the old traditional roof.

Product Details



Material Specification

0.42 or 0.48	Zincalume®	G550 AM125
0.42 or 0.48	Galvanised	G550 Z450
0.42 or 0.48	Colorbond®	G550 AM100

SPECIAL ORDERS

Stainless Steel, Metallic, Coolmax and Ultra

Product Mass

BMT		kg/m²
0.42	Zincalume®	4.24
0.42	Colorbond®	4.27
0.42	Galvanised	4.65
0.48	Zincalume®	4.81
0.48	Colorbond®	4.85
0.48	Galvanised	5.23

Wind Load Conversion

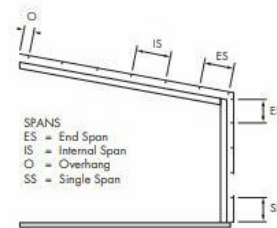
WIND CLASSIFICATION	REGION & CATEGORY
(Domestic)	(Commercial/Industrial)
N1 (W28)	Reg A, Cat 3
N2 (W33)	Reg A, Cat 2.5 - Reg B, Cat 3
N3 (W41)	Reg A, Cat 2 - Reg B, Cat 2.5
N4 (W50)	Reg B, Cat 2

ROOF AND WALL CLADDING ST30

Maximum Support Spacings (mm)

Type of Span	Thickness (mm)	BMT
	.42	.48
ROOFS		
Single Span	700	800
End Span	900	1300
InternalSpan	1200	1700
Unstiffened Eaves Overhang	150	200
WALLS		
Single Span	1500	1600
End Span	1500	1800
InternalSpan	1800	2100
Overhang	200	200

Maximum Support Spacing has been determined by load tests and deflection in accordance with AS 1562-1 AS 4040 1 & 2 1992.



Steelline Corrugated 762

.42 Bmt Corrugated Roof & Wall

Limit State Wind Pressure Capacities (kpa)

3 Screw Intermediate 5 Screw Gutter & Apex Line		Walls Only						
SPAN TYPE		700	900	1200	1500	1800	2100	2400
SINGLE	Serviceability Strength	See 5 Screw for Single Span						
END	Serviceability Strength	1.40	1.16	1.00	0.90	0.80		
		7.50	5.80	4.70	3.80	3.20		
INTERNAL	Serviceability Strength		1.45	1.21	1.00	0.90		
			7.40	6.00	4.80	3.80		

.42 Bmt Corrugated Roof & Wall

Limit State Wind Pressure Capacities (kpa)

5 Screw Intermediate 5 Screw Gutter & Apex Line		Walls Only						
SPAN TYPE		700	900	1200	1500	1800	2100	2400
SINGLE	Serviceability Strength	4.60	3.18	1.75	0.90	0.35		
		12.00	12.00	10.00	8.00	6.00		
END	Serviceability Strength	4.25	2.75	1.60	0.80	0.50		
		12.00	9.50	7.40	5.75	4.45		
INTERNAL	Serviceability Strength		3.25	2.20	1.48	0.90		
			12.00	10.70	8.50	6.60		

.48 Bmt Corrugated Roof & Wall

Limit State Wind Pressure Capacities (kpa)

3 Screw Intermediate 5 Screw Gutter & Apex Line		Walls Only						
SPAN TYPE		800	900	1200	1300	1500	1600	1700
SINGLE	Serviceability Strength	See 5 Screw for Single Span						
END	Serviceability Strength	1.65	1.46	1.42	1.30	1.25	1.20	1.15
		9.30	7.20	6.10	4.90	4.55	4.35	4.00
INTERNAL	Serviceability Strength		1.61	1.50	1.42	1.20	1.20	1.05
			7.20	6.45	6.00	5.50	5.50	4.50

.48 Bmt Corrugated Roof & Wall

Limit State Wind Pressure Capacities (kpa)

5 Screw Intermediate 5 Screw Gutter & Apex Line		Walls Only						
SPAN TYPE		800	900	1200	1300	1500	1600	1700
SINGLE	Serviceability Strength	4.80	3.74	2.23	1.90	1.30	1.00	0.80
		12.00	12.00	10.75	10.25	8.95	8.30	7.60
END	Serviceability Strength	4.70	2.85	2.50	1.90	1.70	1.55	1.40
		12.00	12.00	11.60	10.30	9.55	8.60	7.50
INTERNAL	Serviceability Strength				3.30	2.80	2.50	2.15
					12.00	11.65	11.10	10.55

ROOF AND WALL CLADDING ST30

Compliance

Wind pressure capacity tables have been determined by full scale testing in accordance with AS 1 And 562.1 and AS 4040.1 & 2 1992. Non-Cyclonic areas.

The pressure considered is based on buildings up to 10m high in Region B, Terrain Category 3, M₁ = 0.85, M₂ = 1.0, M₃ = 1.0 with the following assumptions made:

Roofs
C_{pe} = +0.20, C_{pi} = -0.90, K_i = 2.0 for single and end spans, K_i = 1.5 for internal spans.

Walls
C_{pe} = +0.20, C_{pi} = -0.65, K_i = 2.0 for single spans, K_i = 1.5 for internal spans.

Note

Serviceability tests are carried out to maximum allowed deflection.

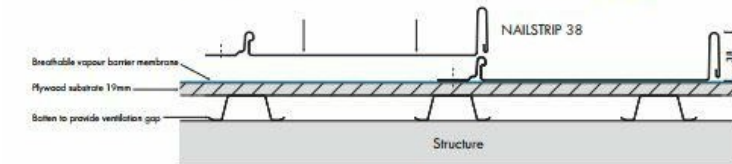
Pitch deflection on the 3 screw is reached before max span deflection is reached.

Maximum pitch deflection is not reached with 5 screw fixings.

Nailstrip or Similar

Steelline NAILSTRIP 25 & 38

NAILSTRIP is available in 25mm and 38mm Rib Heights. It is easy to install using screws every 300mm along the panel's perforated edge. The joining panel snaps over the low rib with no mechanical seam locking required.



Preparation

The substrate must be flat and rigid where the panels are laid. Battens are required between the structure and the ply to create a ventilation gap to prevent condensation. Procter wrap, a breathable barrier membrane, is required between the substrate and the Nail Strip panel.

Material Availability

- Colorbond®
- Colorbond® Ultra
- Colorbond® Metallic
- Colorbond® Matt
- Galvanised

Standard NailStrip Specifications

Rib Height and Cover	Rib Height 25mm		Rib Height 38mm	
	25 x 185	25 x 285	38 x 255	38 x 345
NailStrip Length	1.0 - 4.0 Recommended Max			
Minimum Pitch	7.5° Roof			
Custom Widths	Available on request			
Notching	20mm Rib cut back as requested			
Stop Ends	Fold up, Fold down, Fold Hook			
Screws	Wafer 10-12 x 25 Timber			



Proposed Window Finishes



Natural Anodised Aluminium



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Sheet No 6 of 13

Proposed Colorbond Colours



Denotes: (WG)



Denotes: (W)

Project Address: 112/-/DP1242013
Kosciusko Alpine Club
Charlotte Pass NSW 2624

Sheet Name : Proposed Materials & Finishes

Project: KAC Charlotte Pass

Sheet No: A0B

Scale:

Project Status:
DA

Drawn by :MM

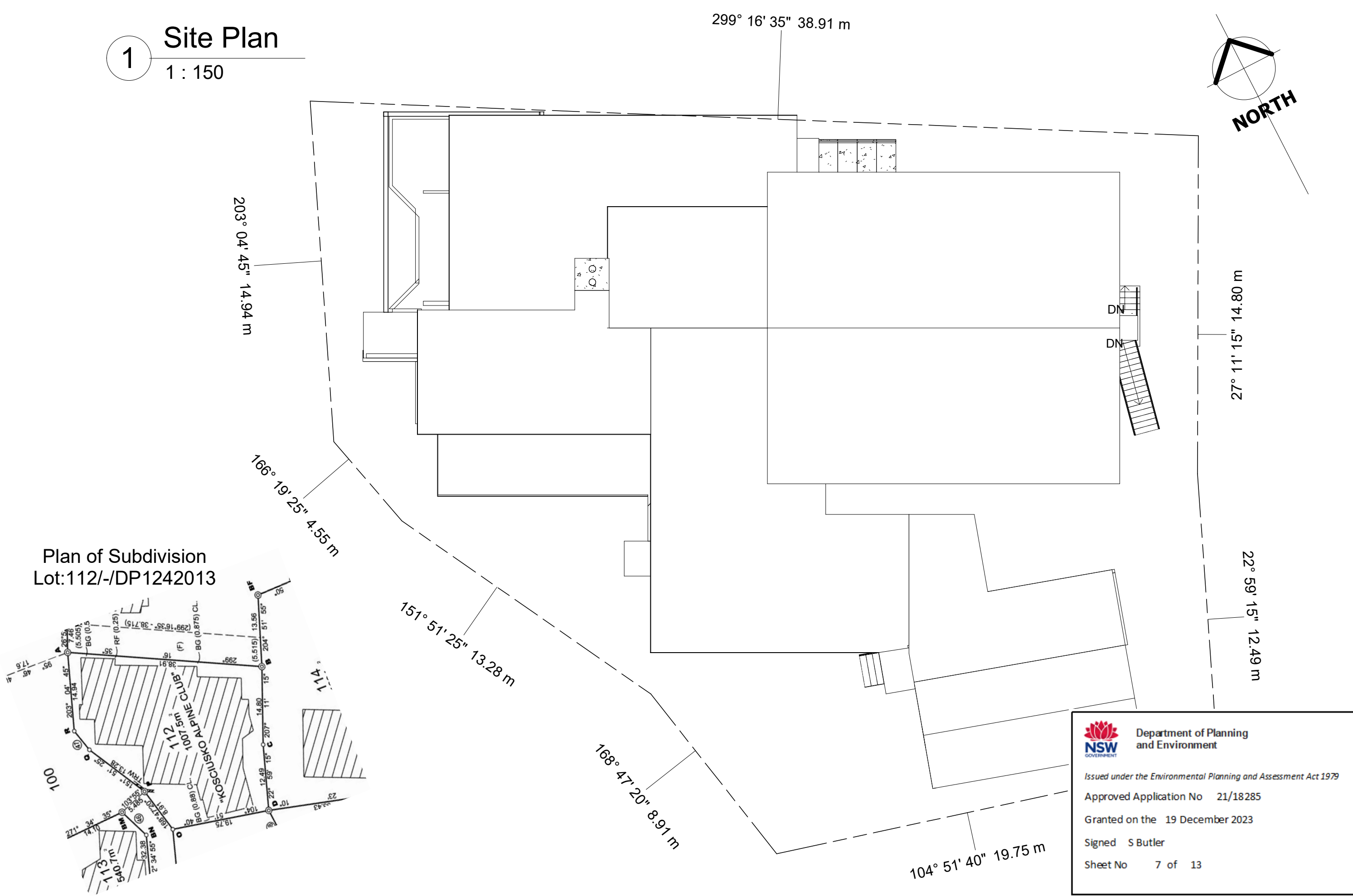
Note: All design, construction & material to be in accordance with Building Code of Australia (BCA). Building regulations & local government plans and policies, current issues of Australian Standards, current manufacturers specification.

Issue Date: 03.06.2021

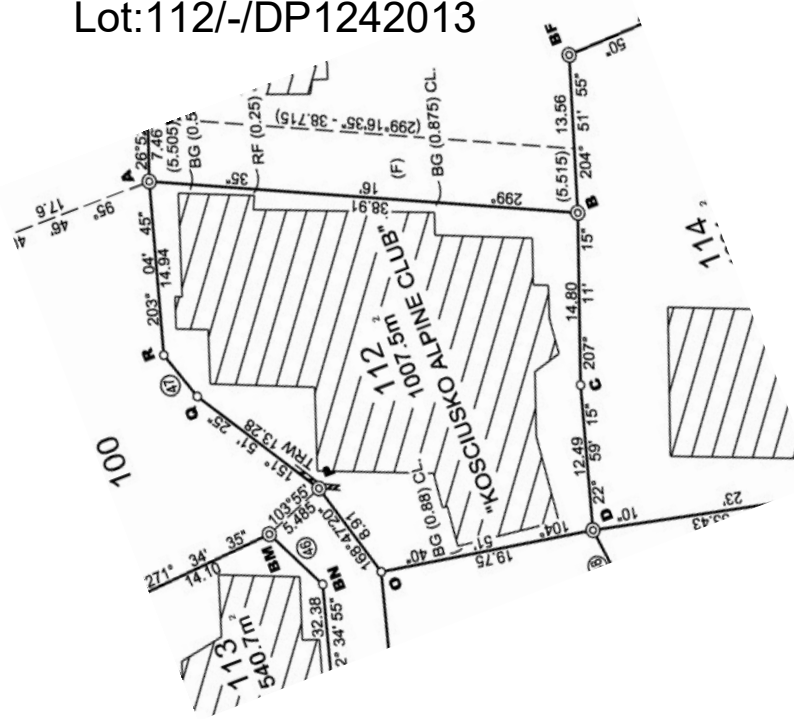
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1 Site Plan

1 : 150



Plan of Subdivision
Lot:112/-/DP1242013



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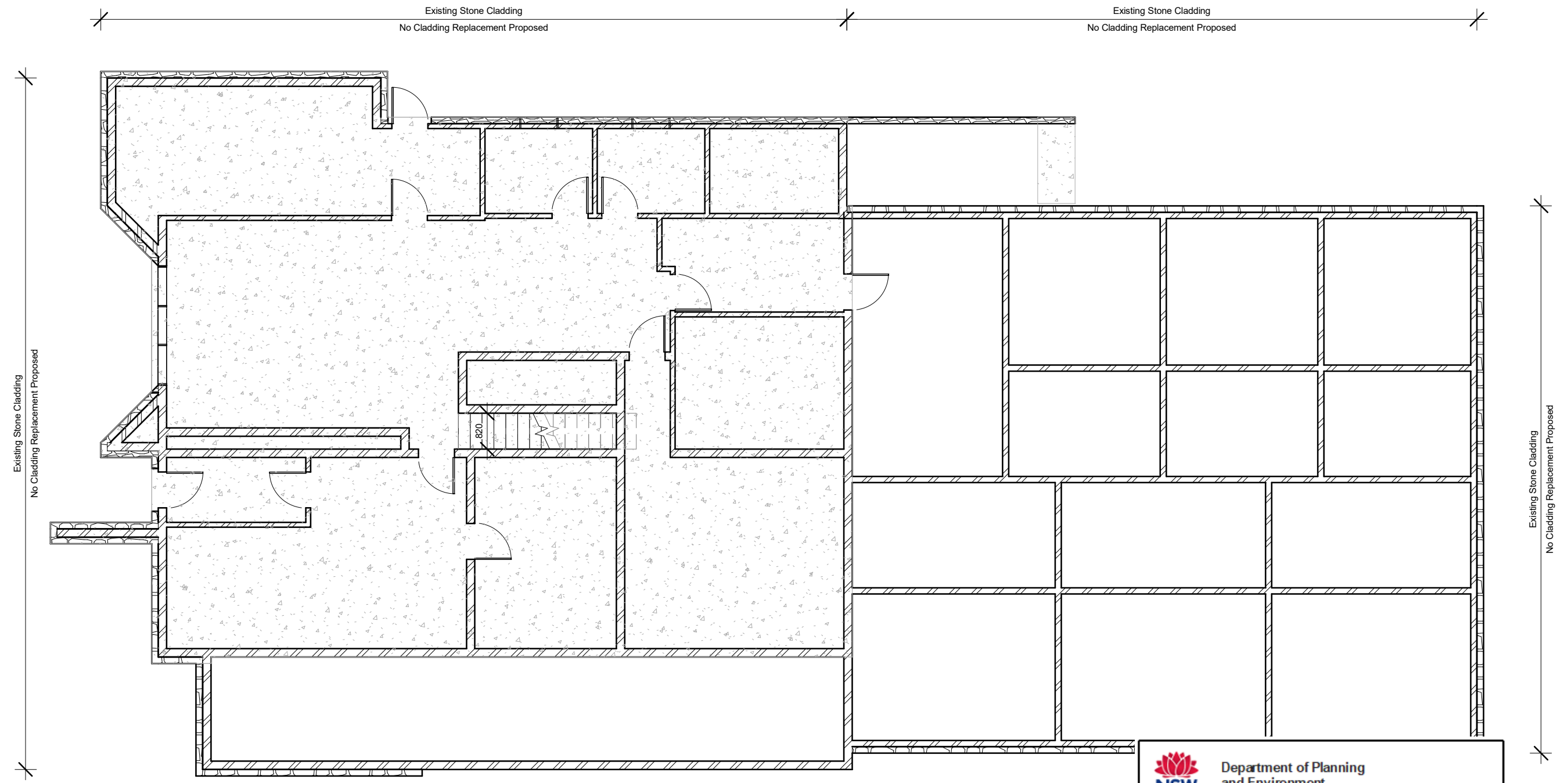
Sheet No 7 of 13

Project Address: 112/-/DP1242013 Kosciuszko Alpine Club Charlotte Pass NSW 2624	Site Plan Note:All design, construction & material to be in accordance with Building Code of Australia(BCA). Building regulations & local government plans and policies, current issues of Australian Standards, current manufacturers specification.	Project: KAC Charlotte Pass Issue Date: 03.06.2021	A01 1 : 150	Project Status: DA	Drawn by :MM Checker
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1

Basement

1 : 100





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Sheet No 8 of 13

Project Address: 112/-/DP1242013 Kosciusko Alpine Club Charlotte Pass NSW 2624	Sheet Name : Basement Plan	Project: KAC Charlotte Pass	Sheet No: A02	Scale: 1 : 100	Project Status: DA	Drawn by :MM
	Note:All design, construction & material to be in accordance with Building Code of Australia(BCA). Building regulations & local government plans and policies, current issues of Australian Standards, current manufacturers specification.		Issue Date: 03.06.2021			Checker

1

Ground Floor

1 : 125

Window
Replacement
Schedule

Mark

W1A
W1B
W2A
W2B
W3A
W3B
W4
W5
W6
W7
W8

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and Environment

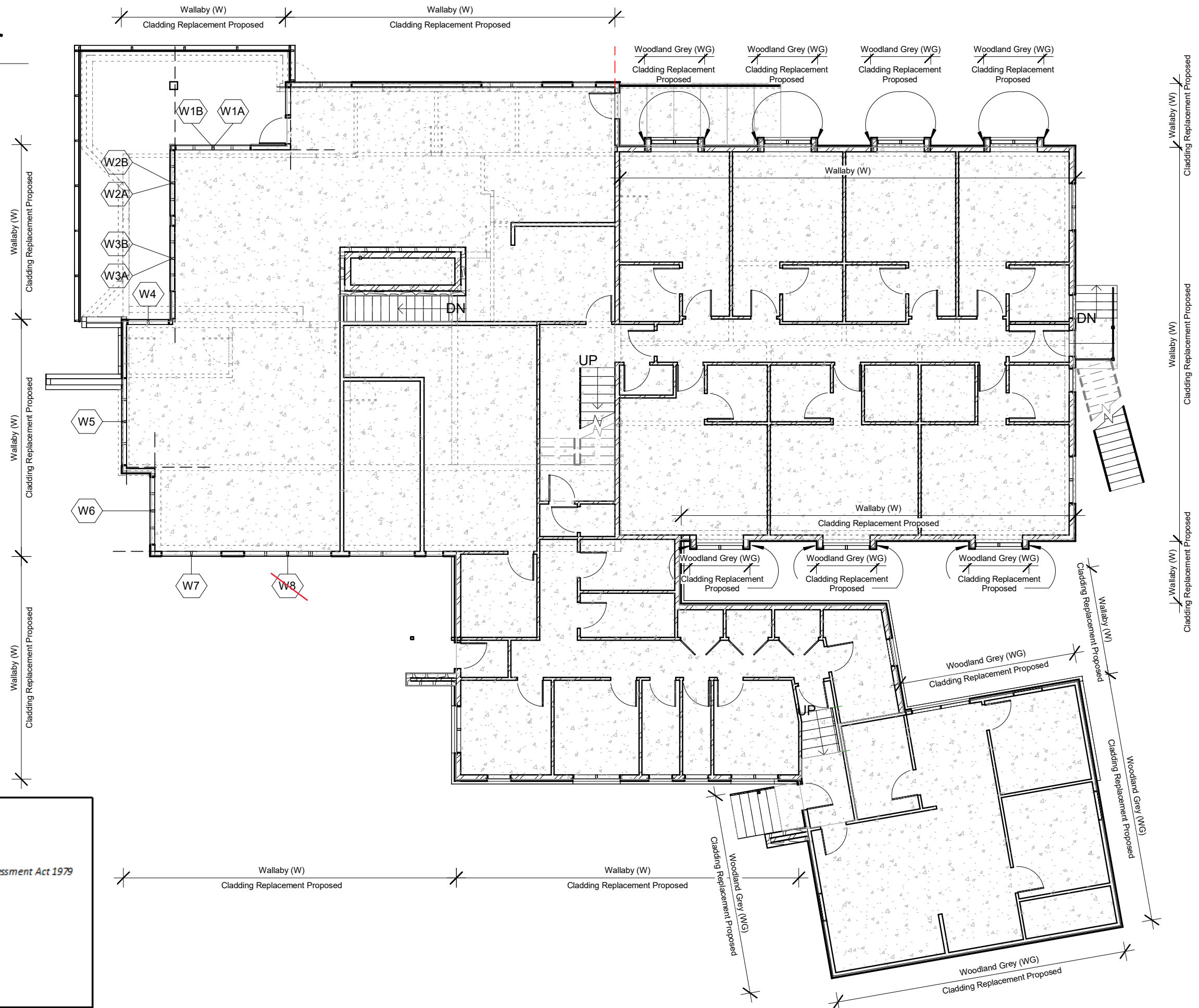
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Sheet No 9 of 13



Project Address: 112/-/DP1242013
Kosciusko Alpine Club
Charlotte Pass NSW 2624

Sheet Name : Ground Floor Plan

Project: KAC Charlotte Pass

Sheet No: A03

Scale: 1 : 125

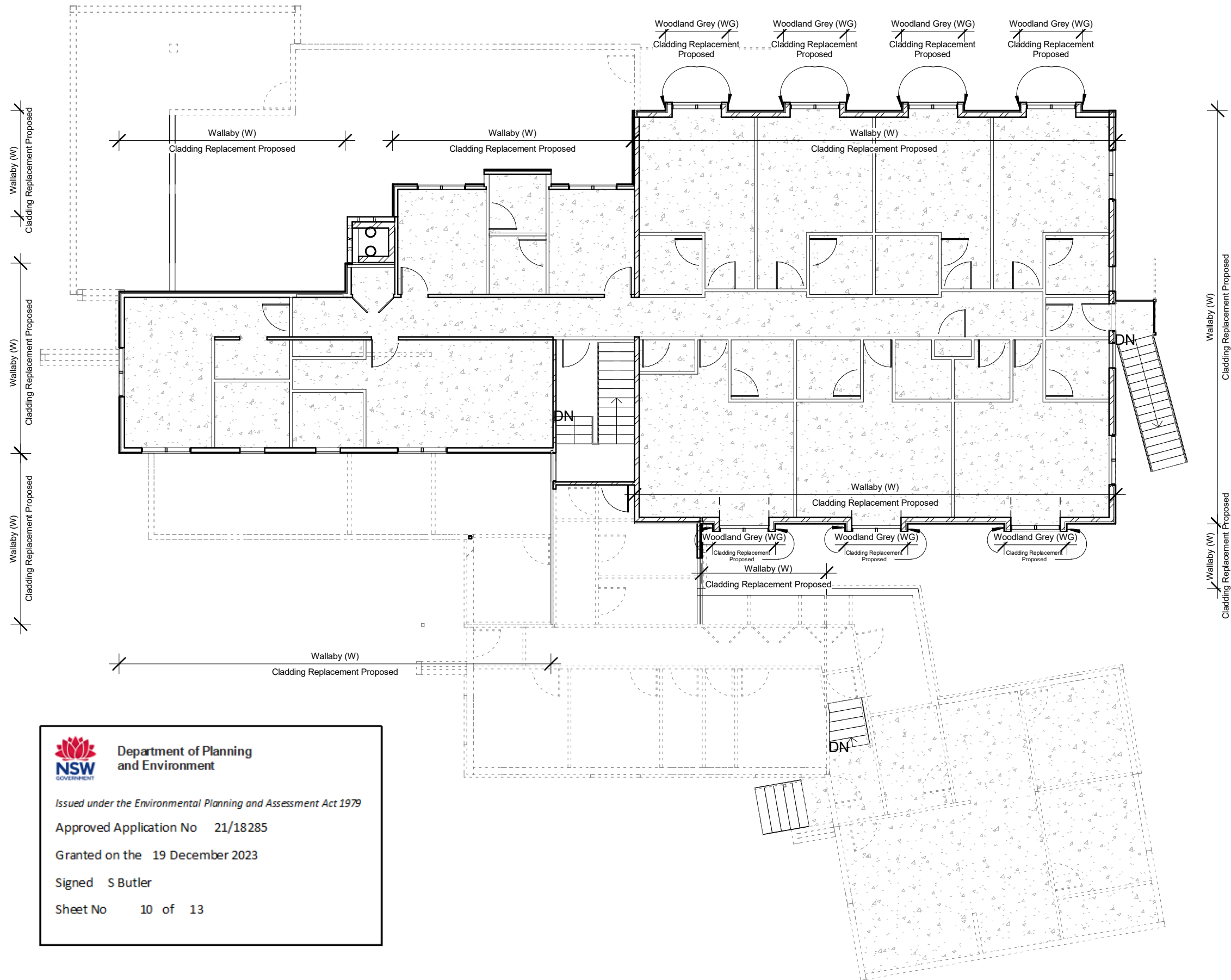
Project Status:
DA

Drawn by :MM

Note: All design, construction & material to be in accordance with Building Code of Australia (BCA), Building regulations
& local government plans and policies, current issues of Australian Standards, current manufacturers specification.

Issue Date: ~~03.06.2024~~ 25.8.23

Checker





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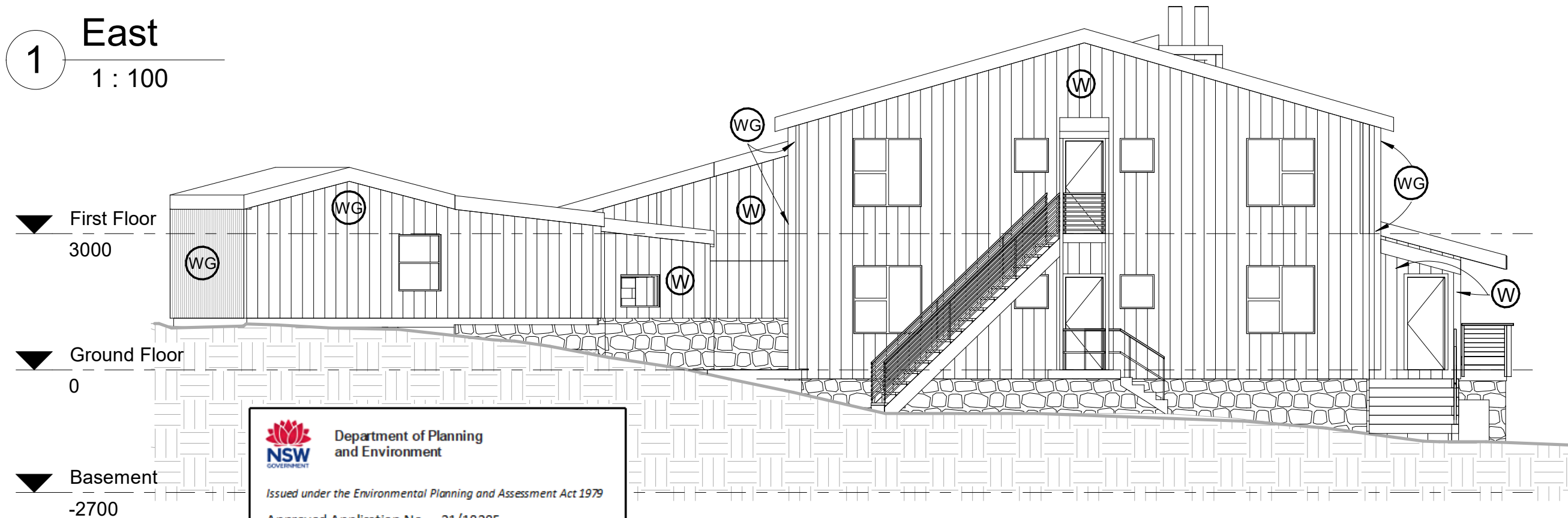
Sheet No 10 of 13

Project Address: 112/-/DP1242013 Kosciusko Alpine Club Charlotte Pass NSW 2624	Sheet Name : First Floor Plan	Project: KAC Charlotte Pass	Sheet No: A04	Scale:1 : 125	Project Status: DA	Drawn by :MM
	Note:All design, construction & material to be in accordance with Building Code of Australia(BCA). Building regulations & local government plans and policies, current issues of Australian Standards, current manufacturers specification.		Issue Date: 03.06.2021			Checker

Note:All design, construction & material to be in accordance with Building Code of Australia(BCA). Building regulations & local government plans and policies, current issues of Australian Standards, current manufacturers specification.

1 East

1 : 100



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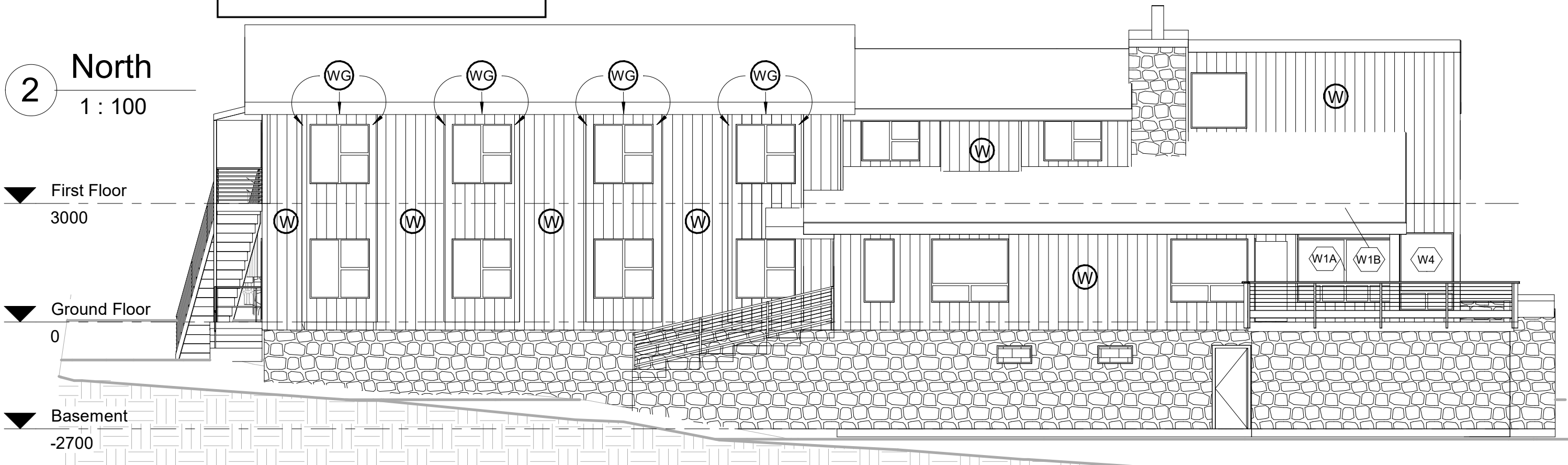
Sheet No 11 of 13

Window Replacement Schedule

Mark
W1A
W1B
W2A
W2B
W3A
W3B
W4
W5
W6
W7
W8

2 North

1 : 100



Project Address: 112/-/DP1242013
 Kosciusko Alpine Club
 Charlotte Pass NSW 2624

Sheet Name : Elevations North & East

Project: KAC Charlotte Pass

Sheet No: A05

Scale: 1 : 100

Project Status:
 DA

Drawn by :MM

Note: All design, construction & material to be in accordance with Building Code of Australia (BCA). Building regulations & local government plans and policies, current issues of Australian Standards, current manufacturers specification.

Issue Date: 03.06.2021

Checker

1

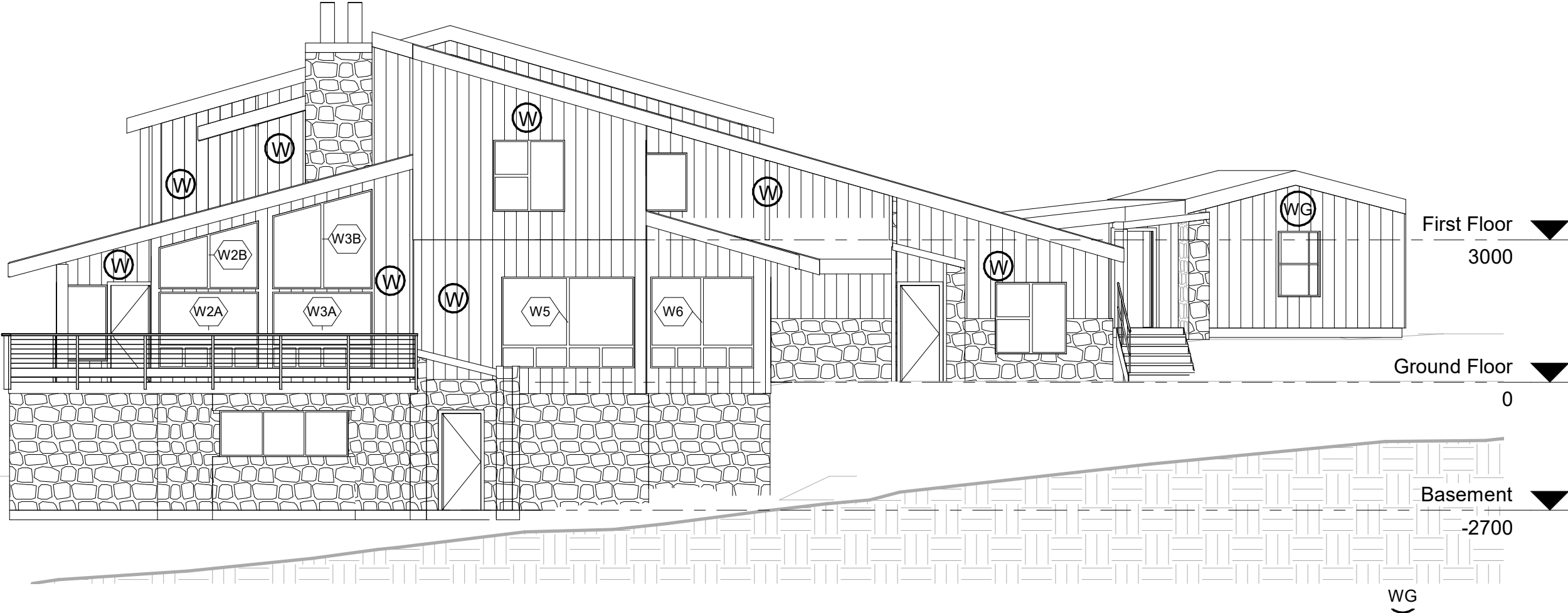
West

1 : 100

Window
Replacement
Schedule

Mark

W1A
W1B
W2A
W2B
W3A
W3B
W4
W5
W6
W7
W8



2

South

1 : 100

First Floor

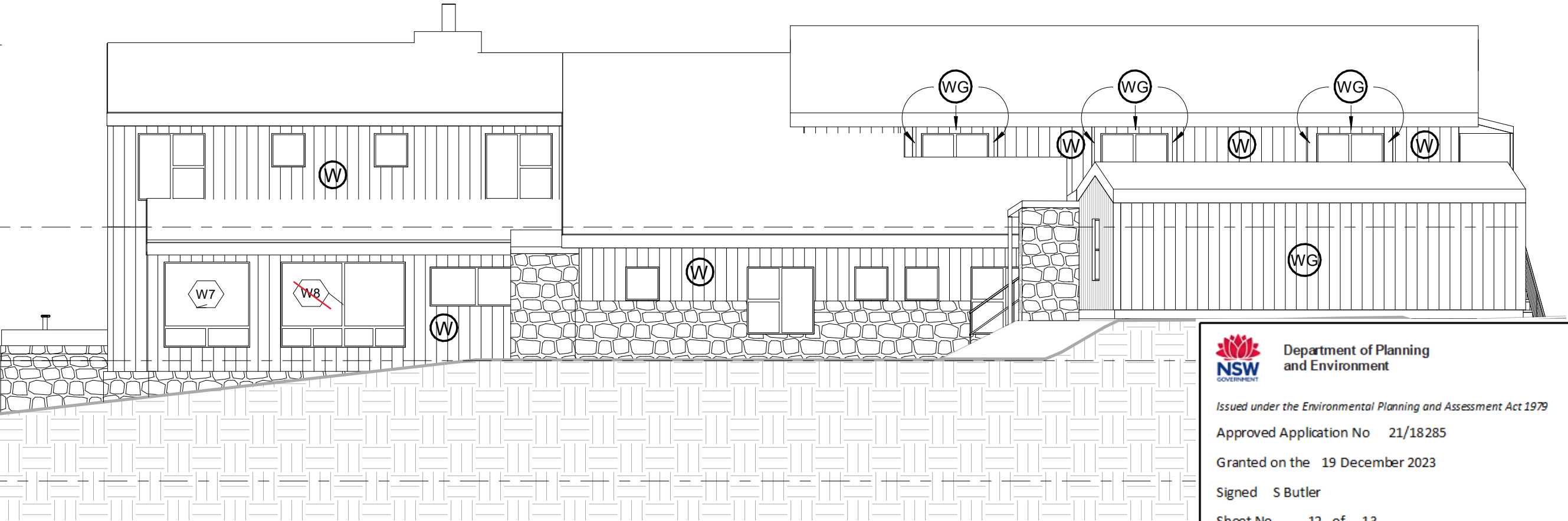
3000

Ground Floor

0

Basement

-2700





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