

PROPOSED FLOOR SPACE RATIO			
Floor	Area	%	
Ground Floor	116.208m ²	-	
First Floor	73.275m ²	-	
Total	(189.5/579.4)	33%	

EXISTING SITE CALCULATIONS			
Name	Area	%	
DECK (H)	25.02 m ²	4.3%	
EXISTING DWELLING (H)	131.79 m ²	22.7%	
FRONT GARDEN 1 (S)	8.71 m ²	1.5%	
FRONT GARDEN 2 (S)	5.30 m ²	0.9%	
FRONT LAWN 1 (S)	101.04 m ²	17.4%	
FRONT LAWN 2 (S)	61.58 m ²	10.6%	
FRONT PATH (H)	14.10 m ²	2.4%	
GARDEN BED 1 (S)	5.07 m ²	0.9%	
GARDEN BED 2 (S)	5.77 m ²	1%	
GRAVEL DRIVEWAY (H)	36.40 m ²	6.3%	
POOL (H)	25.02 m ²	4.3%	
POOL COPING (H)	27.36 m ²	4.7%	
REAR GARDEN (S)	44.09 m ²	7.6%	
REAR LAWN (S)	68.18 m ²	11.8%	
SIDE GARDEN (S)	8.91 m ²	1.5%	
SIDE GRASS 1 (S)	9.62 m ²	1.7%	
STAIRS (H)	1.43 m ²	0.2%	
	579.40 m ²	100%	

PROPOSED FLOOR SPACE RATIO			
Floor	Area	%	
Ground Floor	143.901m ²	-	
First Floor	78.228m2	-	
Total	(222.1/579.4)	38%	

Name	Area	%
EXISTING DWELLING (H)	131.74 m ²	22.7%
FRONT - SOUTH LAWN (S)	70.30 m ²	12.1%
FRONT LAWN (S)	55.96 m ²	9.7%
FRONT PATH	15.30 m ²	2.6%
GARDEN BED (S)	2.10 m ²	0.4%
NORTHERN SIDE GARDEN (S)	30.31 m ²	5.2%
POOL COPING (H)	27.36 m ²	4.7%
PROPOSED DRIVEWAY (H)	40.23 m ²	6.9%
PROPOSED WORKS (H)	70.46 m ²	12.2%
REAR DECK (H)	25.02 m ²	4.3%
REAR GARDEN (S)	30.96 m ²	5.3%
REAR LAWN (S)	48.89 m ²	8.4%
STAIRS 1 (S)	1.43 m ²	0.2%
STAIRS 2 (H)	4.31 m ²	0.7%
SWIMMING POOL (H)	25.02 m ²	4.3%
	579.40 m ²	100%

ROMEOCAD design

	Scale (A1) 1:	100	Print Date 09-Sep-19	Proposed alterations and additions at 4 Redman Stree
Ben Hildyard	Drawn RBF	Job Number A16179	3:00:30 PM	Seaforth NSW
	Council	orthern Beache	es Council	Lot 2 DP 2123

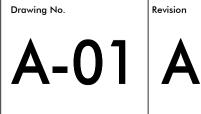


EXISTING SOFT AREA			
Name	Area	%	
FRONT GARDEN 1 (S)	8.71 m ²	1.5%	
FRONT GARDEN 2 (S)	5.30 m ²	0.9%	
FRONT LAWN 1 (S)	101.04 m ²	17.4%	
FRONT LAWN 2 (S)	61.58 m ²	10.6%	
GARDEN BED 1 (S)	5.07 m ²	0.9%	
GARDEN BED 2 (S)	5.77 m ²	1%	
REAR GARDEN (S)	44.09 m ²	7.6%	
REAR LAWN (S)	68.18 m ²	11.8%	
SIDE GARDEN (S)	8.91 m ²	1.5%	
SIDE GRASS 1 (S)	9.62 m ²	1.7%	
	318.27 m ²	54.9%	

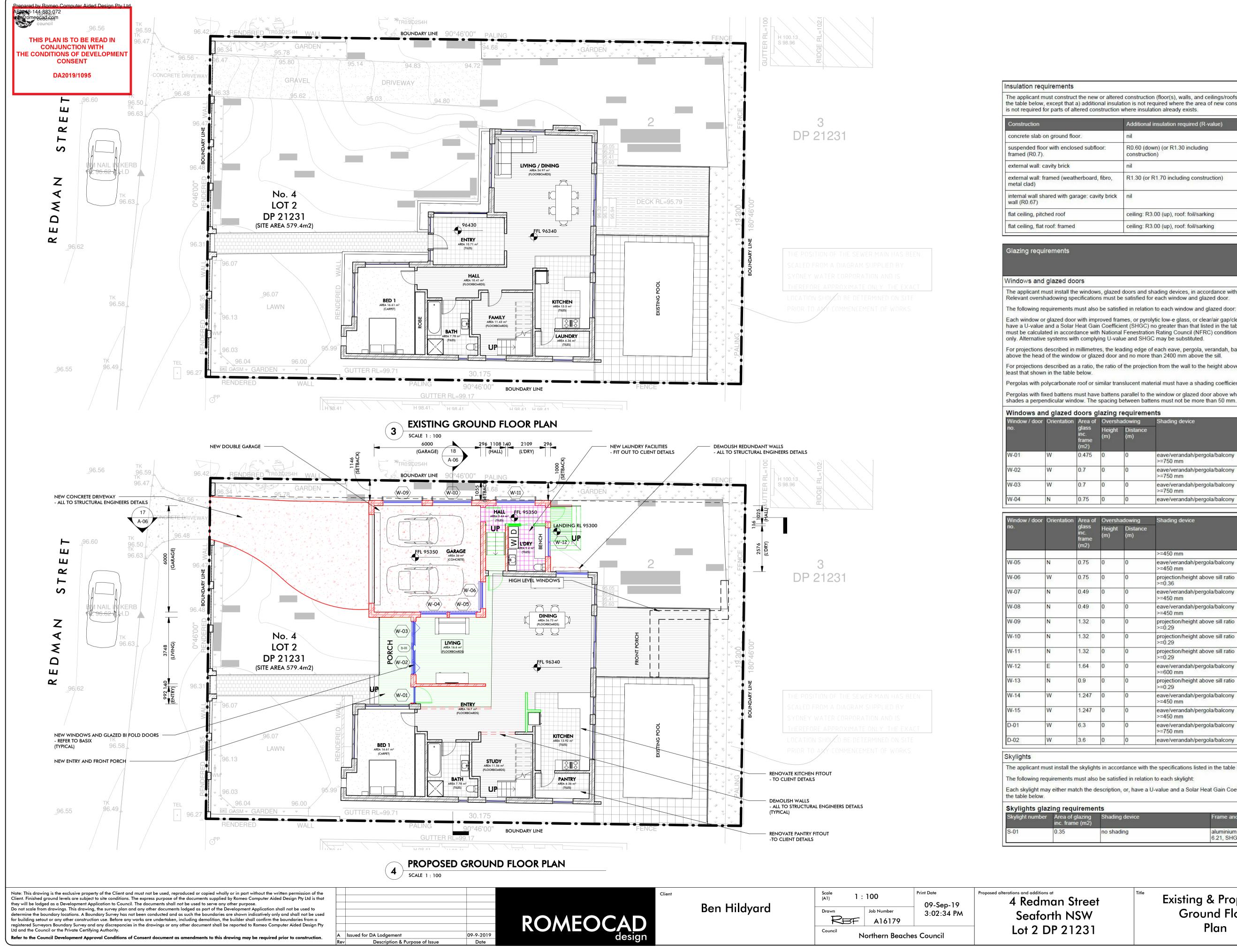
EXISTING HARD AREA			
Name	Area	%	
ECK (H)	25.02 m ²	4.3%	
XISTING DWELLING (H)	131.79 m ²	22.7%	
RONT PATH (H)	14.10 m ²	2.4%	
RAVEL DRIVEWAY (H)	36.40 m ²	6.3%	
OOL (H)	25.02 m ²	4.3%	
OOL COPING (H)	27.36 m ²	4.7%	
TAIRS (H)	1.43 m ²	0.2%	
	261.12 m ²	45.1%	

Name	Area	%
FRONT - SOUTH LAWN (S)	70.30 m ²	12.1%
FRONT LAWN (S)	55.96 m²	9.7%
GARDEN BED (S)	2.10 m ²	0.4%
NORTHERN SIDE GARDEN (S)	30.31 m ²	5.2%
REAR GARDEN (S)	30.96 m ²	5.3%
REAR LAWN (S)	48.89 m ²	8.4%
STAIRS 1 (S)	1.43 m ²	0.2%
	239.96 m ²	41.4%

PROPOSED HARD AREA			
Name	Area	%	
EXISTING DWELLING (H)	131.74 m ²	22.7%	
POOL COPING (H)	27.36 m ²	4.7%	
PROPOSED DRIVEWAY (H)	40.23 m ²	6.9%	
PROPOSED WORKS (H)	70.46 m ²	12.2%	
REAR DECK (H)	25.02 m ²	4.3%	
STAIRS 2 (H)	4.31 m ²	0.7%	
SWIMMING POOL (H)	25.02 m ²	4.3%	
	324.14 m ²	55.9%	







Proposed alterations and additions at 4 Redman Stre Seaforth NSV Lot 2 DP 2123

The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation specified is not required for parts of altered construction where insulation already exists.

Additional insulation required (R-value)		Other specifications	
	nil		
d subfloor:	R0.60 (down) (or R1.30 including construction)		
	nil		
rboard, fibro,	R1.30 (or R1.70 including construction)		
ge: cavity brick	nil		
	ceiling: R3.00 (up), roof: foil/sarking	medium (solar absorptance 0.475 - 0.70)	
	ceiling: R3.00 (up), roof: foil/sarking	medium (solar absorptance 0.475 - 0.70)	

The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door.

Each window or glazed door with improved frames, or pyrolytic low-e glass, or clear/air gap/clear glazing, or toned/air gap/clear glazing must have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. The description is provided for information only. Alternative systems with complying U-value and SHGC may be substituted.

For projections described in millimetres, the leading edge of each eave, pergola, verandah, balcony or awning must be no more than 500 mm above the head of the window or glazed door and no more than 2400 mm above the sill.

For projections described as a ratio, the ratio of the projection from the wall to the height above the window or glazed door sill must be at

Pergolas with polycarbonate roof or similar translucent material must have a shading coefficient of less than 0.35.

Pergolas with fixed battens must have battens parallel to the window or glazed door above which they are situated, unless the pergola also shades a perpendicular window. The spacing between battens must not be more than 50 mm.

rea of	Overshadowing		Shading device	Frame and glass type	
lass nc. ame n2)	Height Distance (m) (m)				
.475	0	0	eave/verandah/pergola/balcony >=750 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)	
.7	0	0	eave/verandah/pergola/balcony >=750 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)	
.7	0	0	eave/verandah/pergola/balcony >=750 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)	
.75	0	0	eave/verandah/pergola/balcony	standard aluminium, single pyrolytic low-e,	

rea of	Overshadowing		Shading device	Frame and glass type		
lass ic. ame n2)	Height Distance (m) (m)					
			>=450 mm	(U-value: 5.7, SHGC: 0.47)		
.75	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
.75	0	0	projection/height above sill ratio >=0.36	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
.49	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
.49	49 0 0 eave/		eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
.32	0 0 projection/height abov >=0.29		projection/height above sill ratio >=0.29	standard aluminium, single pyrolytic low-e (U-value: 5.7, SHGC: 0.47)		
.32	0	0	projection/height above sill ratio >=0.29	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
.32	0	0 projection/height above sill ratio >=0.29		standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
.64	0	0 0 eave/verandah/pergola/balcom		standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
.9			projection/height above sill ratio >=0.29	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
.247	0 0 eave/verandah/pergola/balo		eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC: 0.4)		
.247	0	0 0 eave/verandah/pergola/balcony >=450 mm		timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC: 0.4)		
.3	0	0	eave/verandah/pergola/balcony >=750 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
.6	0	0	eave/verandah/pergola/balcony	timber or uPVC, single pyrolytic low-e,		

The applicant must install the skylights in accordance with the specifications listed in the table below.

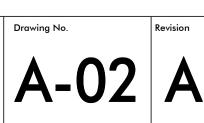
The following requirements must also be satisfied in relation to each skylight:

Each skylight may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in

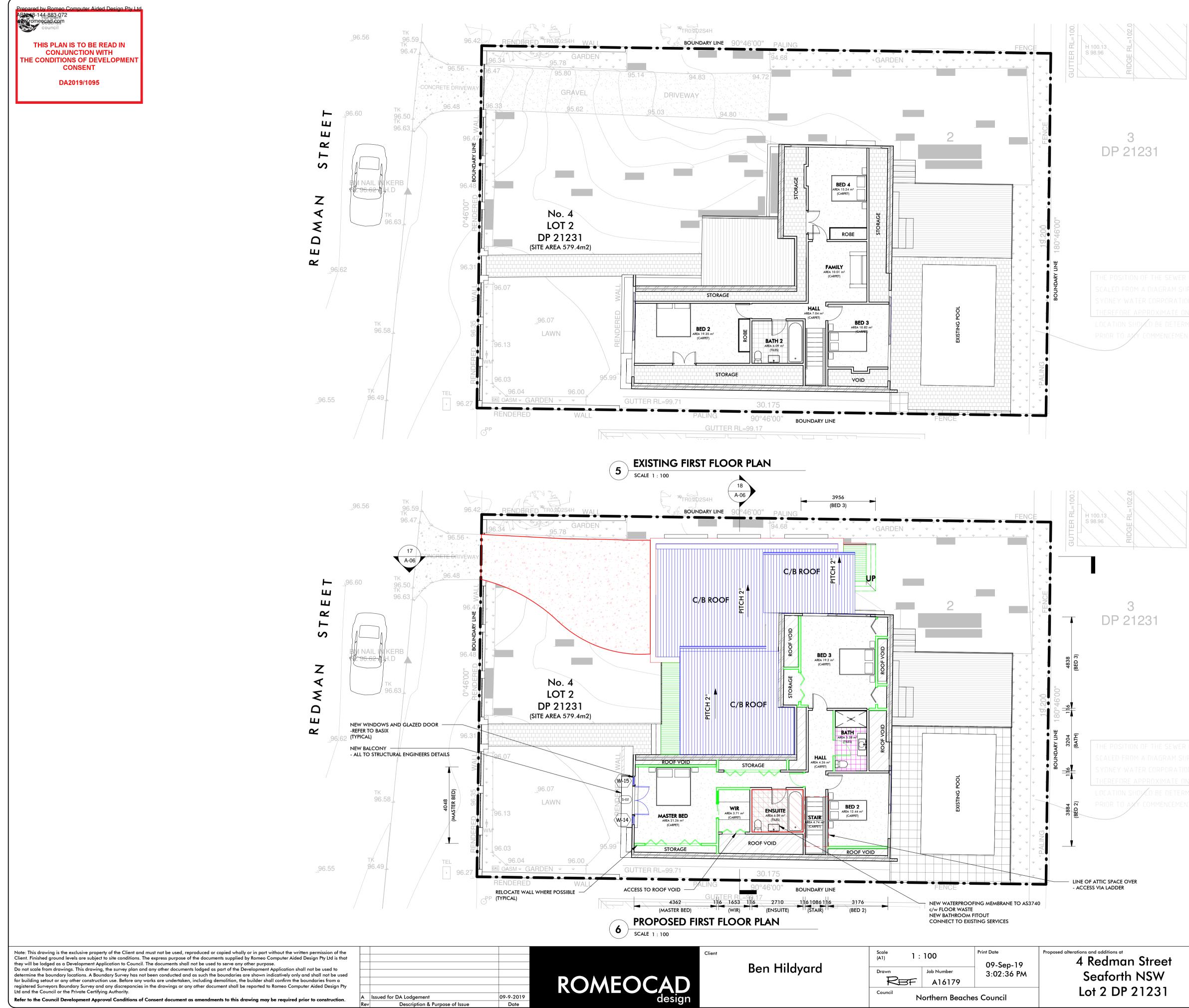
irements				
lazing e (m2)	Shading device	Frame and glass type		
	no shading	aluminium, moulded plastic single clear, (or U-value: 6.21, SHGC: 0.808)		

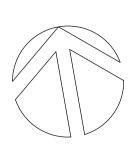
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Existing & Proposed Ground Floor Plan

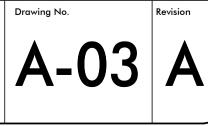


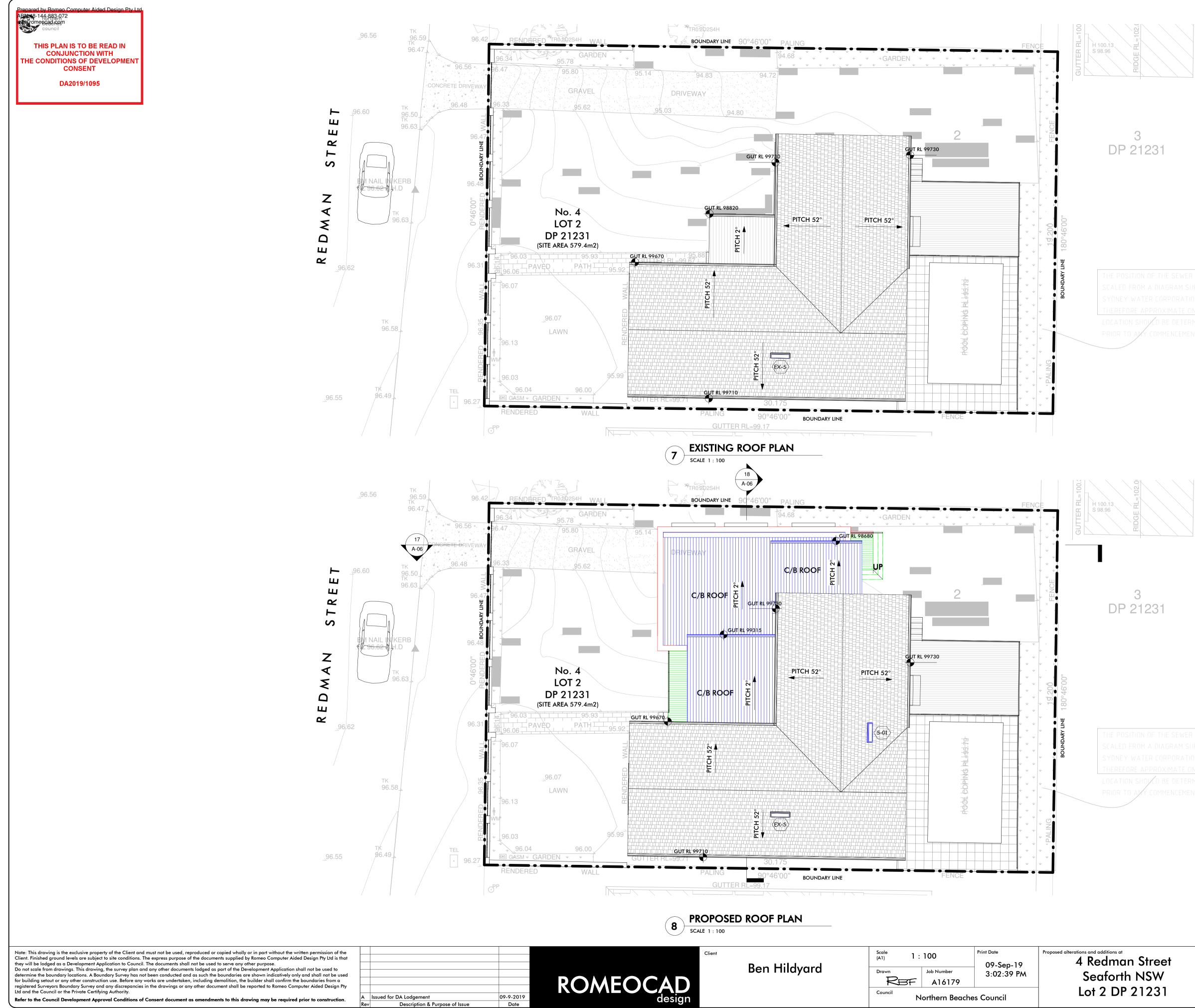




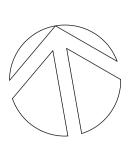


Existing & Proposed First Floor Plan



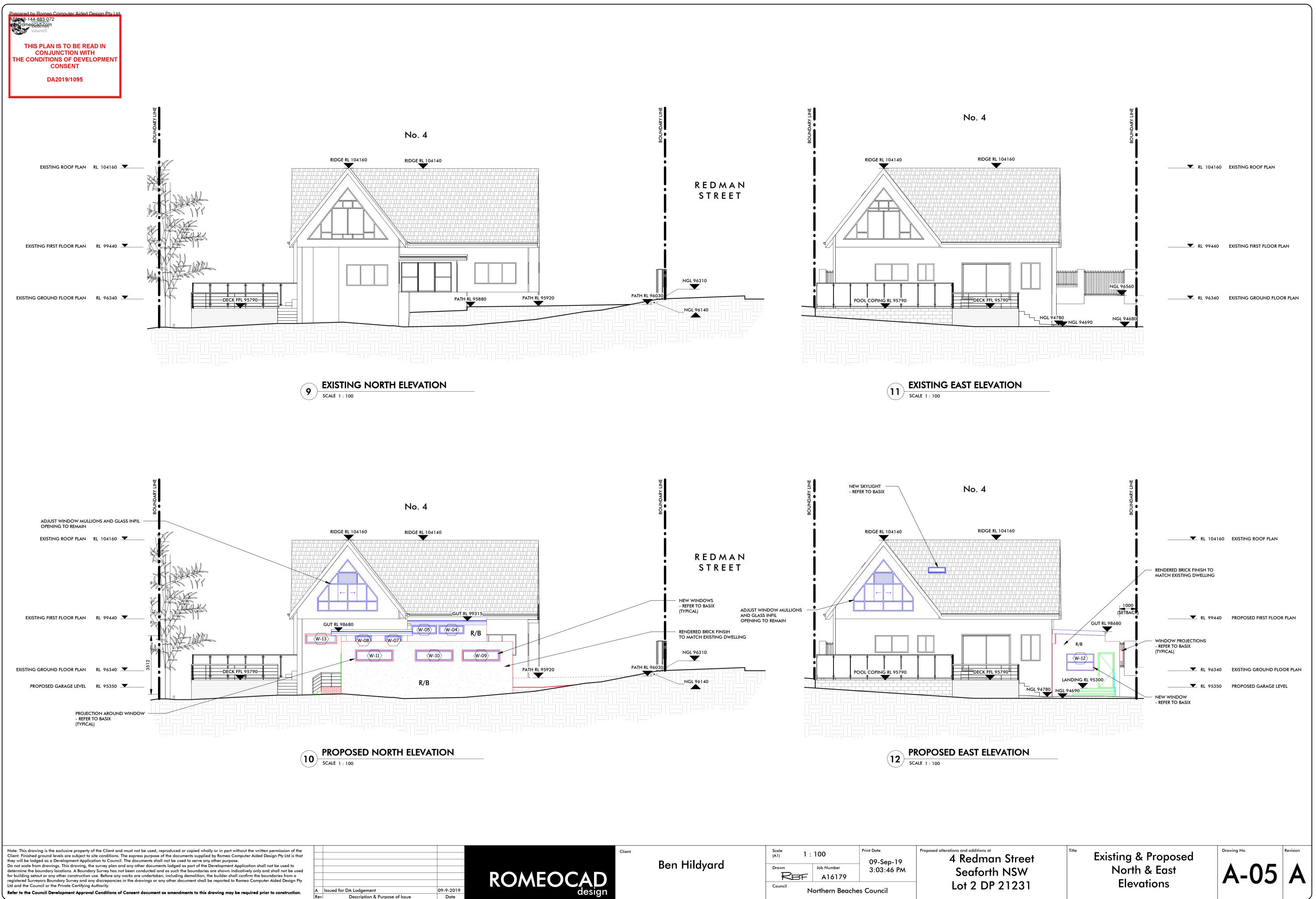


Date

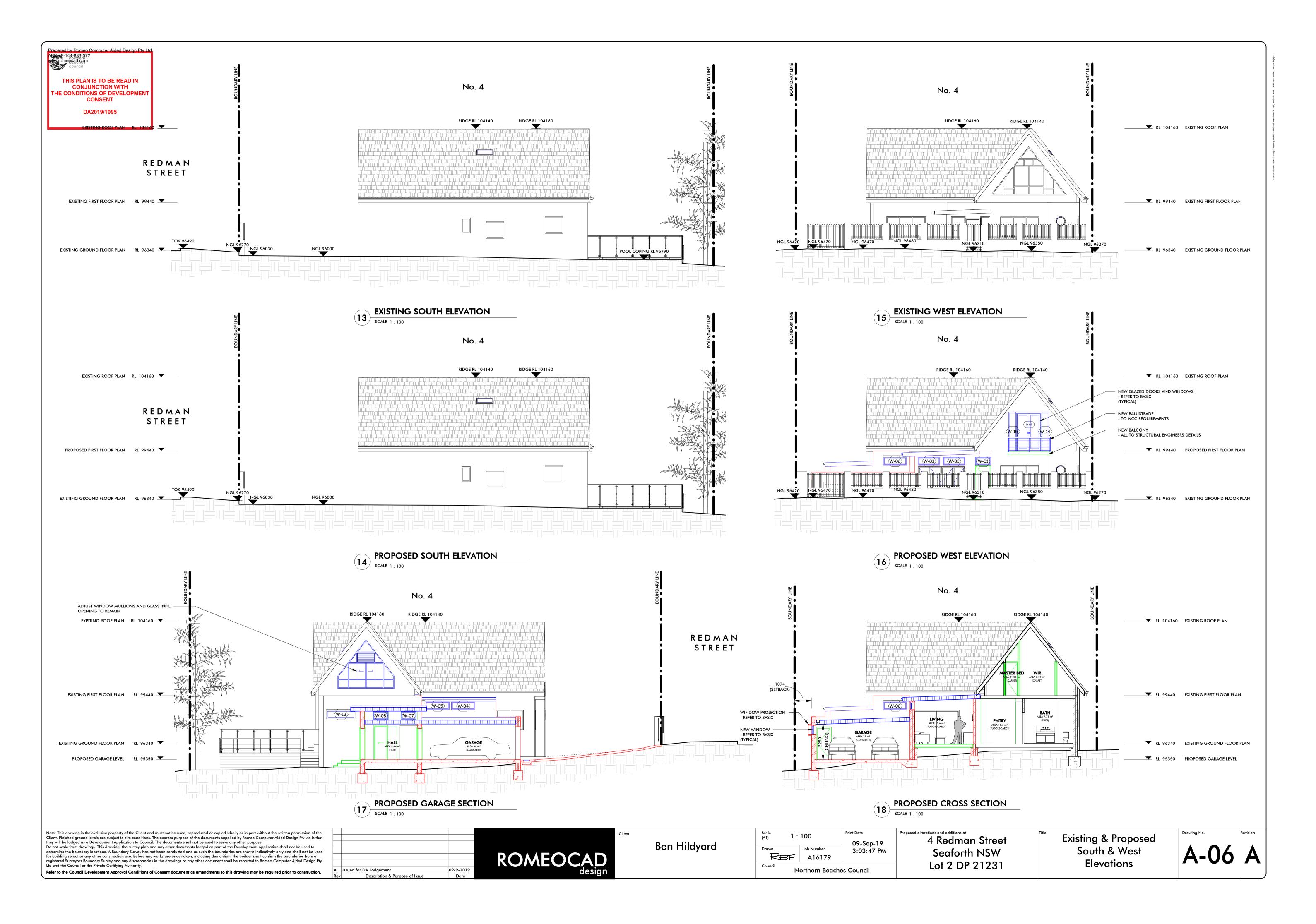


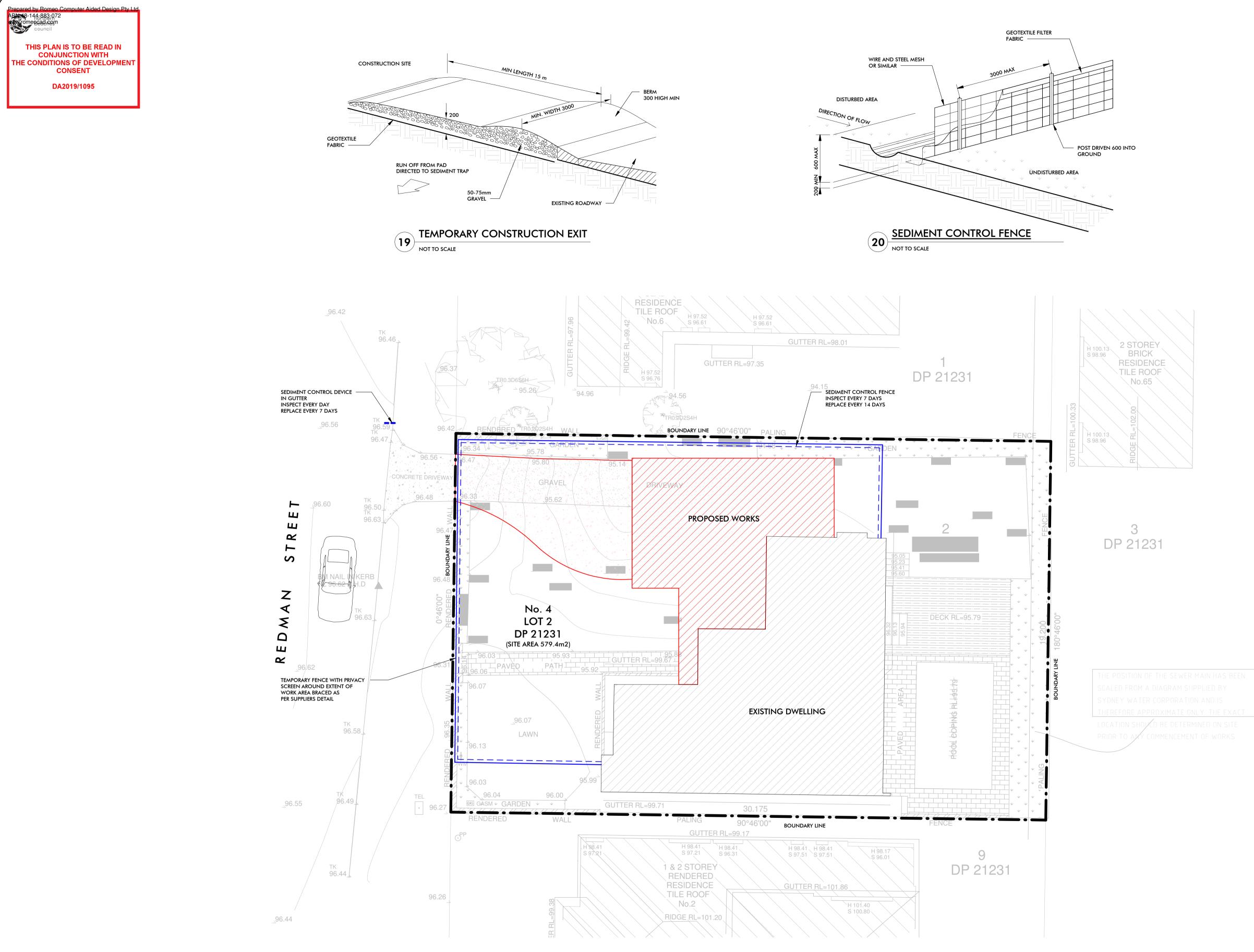
Existing & Proposed Roof Plan





MEOCAD design	Client Ben Hildyard	Scale (A1) 1:100	Print Date 09-Sep-19 3:03:46 PM es Council	Proposed alterations and additions at 4 Redman Stree Seaforth NSW Lot 2 DP 21231
		Drawn Job Number RBF A16179		
		Council Northern Beach		





Note: This drawing is the exclusive property of the Client and must not be used, reproduced or copied wholly or in part without the written permission of the Client. Finished ground levels are subject to site conditions. The express purpose of the documents supplied by Romeo Computer Aided Design Pty Ltd is that they will be lodged as a Development Application to Council. The documents shall not be used to serve any other purpose. Do not scale from drawings. This drawing, the survey plan and any other documents lodged as part of the Development Application shall not be used to determine the boundary locations. A Boundary Survey has not been conducted and as such the boundaries are shown indicatively only and shall not be used for building setout or any other construction use. Before any works are undertaken, including demolition, the builder shall confirm the boundaries from a registered Surveyors Boundary Survey and any discrepancies in the drawings or any other document shall be reported to Romeo Computer Aided Design Pty Ltd and the Council or the Private Certifying Authority. Refer to the Council Development Approval Conditions of Consent document as amendments to this drawing may be required prior to construction.	A Issued for DA Lodgement	09-9-2019
	Rev Description & Purpose of Issue	Date

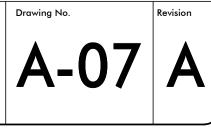
SEDIMENT & ERROISION CONTROL PLAN

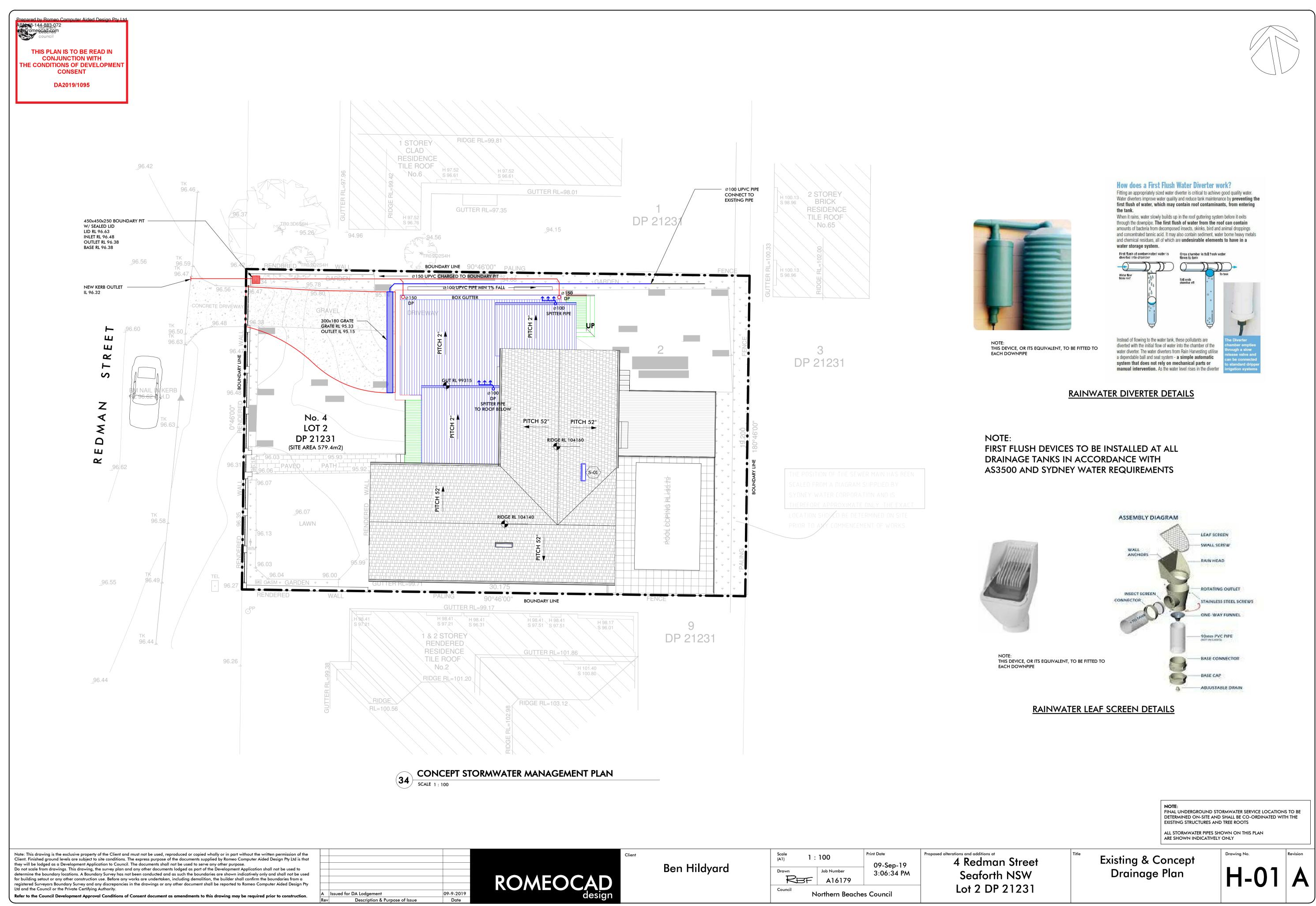
SCALE	1 : 100

ROMEOCAD design	Client Ben Hildyard	Scale (A1) 1:100 Drawn Job Number RBF A16179	09-Sep-19 3:04:45 PM	Proposed alterations and additions at 4 Redman Stree Seaforth NSW
		Council Northern Beach		Lot 2 DP 21231

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Sediment and Erosion **Control Plan**





	Client	Scale (A1) 1:100	Print Date 09-Sep-19 3:06:34 PM	Proposed alterations and additions at 4 Redman Stree Seaforth NSW
ROMEOCAD	Ben Hildyard	Drawn Job Number RBF A16179		
design		Council Northern Beach	es Council	Lot 2 DP 2123
				•



External Finishes & Materials



Lot 2 – D.P. 21231 No.4 Redman Street, Seaforth NSW September 2019

Disclaimer: The express purpose of this document is to satisfy the lodgement requirements of Council so that Council may make a determination of the Development Application as lodged. The information contained therein shall not to be used for any other purpose including tender, set-out or construction. Romeo Computer Aided Design Pty Ltd A.B.N 48-144-883-072 19/174 Willoughby Road Crows Nest Nsw 2065 Phone: 9437-6911 info@romeocad.com

ROMEOCAD design

Description	Location	Product Colour	Notes
Description			Notes
Exterior walls	Existing dwelling	Dulux – Stowe White or equivalent – To match existing colour Stowe White B24	Rendered brick
Window frames	Existing dwelling + New garage	Dulux – White or equivalent to match existing windows franes White D3	- Refer to BASIX
Roofing	Existing Dwelling	No Changes	
	Garage	Sheet metal Colorbond roofing	- Refer to BASIX

ROMEOCAD design

(Ceiling & Comice	Ground flo	bor	Dulux – Ceiling White or equivalent to match existing	
				White	
	Garage door	New Gara	ge	Colorbond – Monument or equivalent	Panel lift