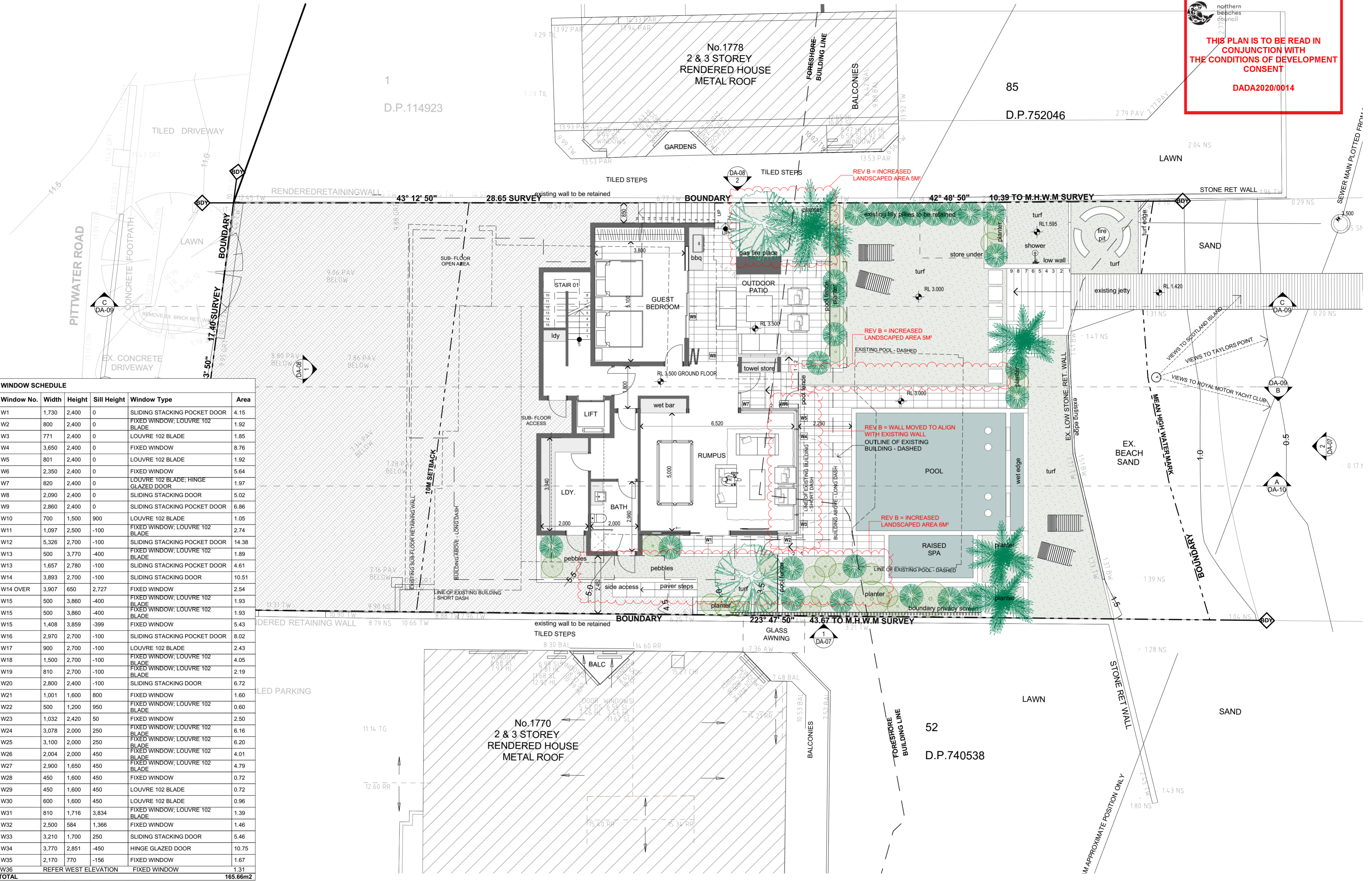


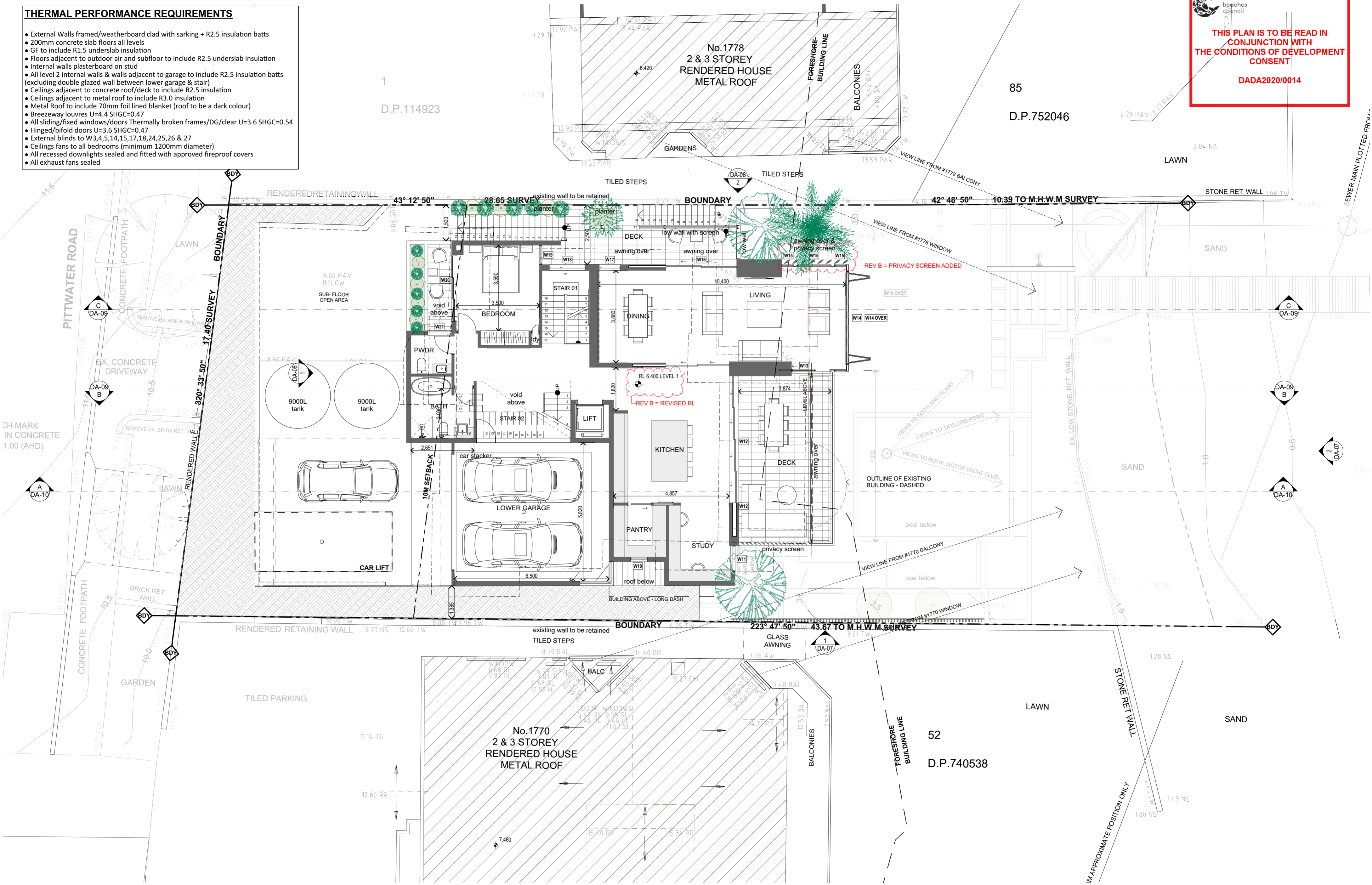
THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT DADA2020/0014



Window No.	Width	Height	Sill Height	Window Type	Area
W1	1,730	2,400	0	SLIDING STACKING POCKET DOOR	4.15
W2	800	2,400	0	FIXED WINDOW; LOUVRE 102 BLADE	1.92
W3	771	2,400	0	LOUVRE 102 BLADE	1.85
W4	3,650	2,400	0	FIXED WINDOW	8.76
W5	801	2,400	0	LOUVRE 102 BLADE	1.92
W6	2,350	2,400	0	FIXED WINDOW	5.64
W7	820	2,400	0	LOUVRE 102 BLADE; HINGE GLAZED DOOR	1.97
W8	2,090	2,400	0	SLIDING STACKING DOOR	5.02
W9	2,860	2,400	0	SLIDING STACKING POCKET DOOR	6.86
W10	700	1,500	900	LOUVRE 102 BLADE	1.05
W11	1,097	2,500	-100	FIXED WINDOW; LOUVRE 102 BLADE	2.74
W12	5,326	2,700	-100	SLIDING STACKING POCKET DOOR	14.38
W13	500	3,770	-400	FIXED WINDOW; LOUVRE 102 BLADE	1.89
W13	1,657	2,780	-100	SLIDING STACKING POCKET DOOR	4.61
W14	3,893	2,700	-100	SLIDING STACKING DOOR	10.51
W14 OVER	3,907	650	2,727	FIXED WINDOW	2.54
W15	500	3,860	-400	FIXED WINDOW; LOUVRE 102 BLADE	1.93
W15	500	3,860	-400	FIXED WINDOW; LOUVRE 102 BLADE	1.93
W15	1,408	3,859	-399	FIXED WINDOW	5.43
W16	2,970	2,700	-100	SLIDING STACKING POCKET DOOR	8.02
W17	900	2,700	-100	LOUVRE 102 BLADE	2.43
W18	1,500	2,700	-100	FIXED WINDOW; LOUVRE 102 BLADE	4.05
W19	810	2,700	-100	FIXED WINDOW; LOUVRE 102 BLADE	2.19
W20	2,800	2,400	-100	SLIDING STACKING DOOR	6.72
W21	1,001	1,600	800	FIXED WINDOW	1.60
W22	500	1,200	950	FIXED WINDOW; LOUVRE 102 BLADE	0.60
W23	1,032	2,420	50	FIXED WINDOW	2.50
W24	3,078	2,000	250	FIXED WINDOW; LOUVRE 102 BLADE	6.16
W25	3,100	2,000	250	FIXED WINDOW; LOUVRE 102 BLADE	6.20
W26	2,004	2,000	450	FIXED WINDOW; LOUVRE 102 BLADE	4.01
W27	2,900	1,650	450	FIXED WINDOW; LOUVRE 102 BLADE	4.79
W28	450	1,600	450	FIXED WINDOW	0.72
W29	450	1,600	450	LOUVRE 102 BLADE	0.72
W30	600	1,600	450	LOUVRE 102 BLADE	0.96
W31	810	1,716	3,834	FIXED WINDOW; LOUVRE 102 BLADE	1.39
W32	2,500	584	1,366	FIXED WINDOW	1.46
W33	3,210	1,700	250	SLIDING STACKING DOOR	5.46
W34	3,770	2,851	-450	HINGE GLAZED DOOR	10.75
W35	2,170	770	-156	FIXED WINDOW	1.67
W36	REFER WEST ELEVATION			FIXED WINDOW	1.31
TOTAL					165.66m ²

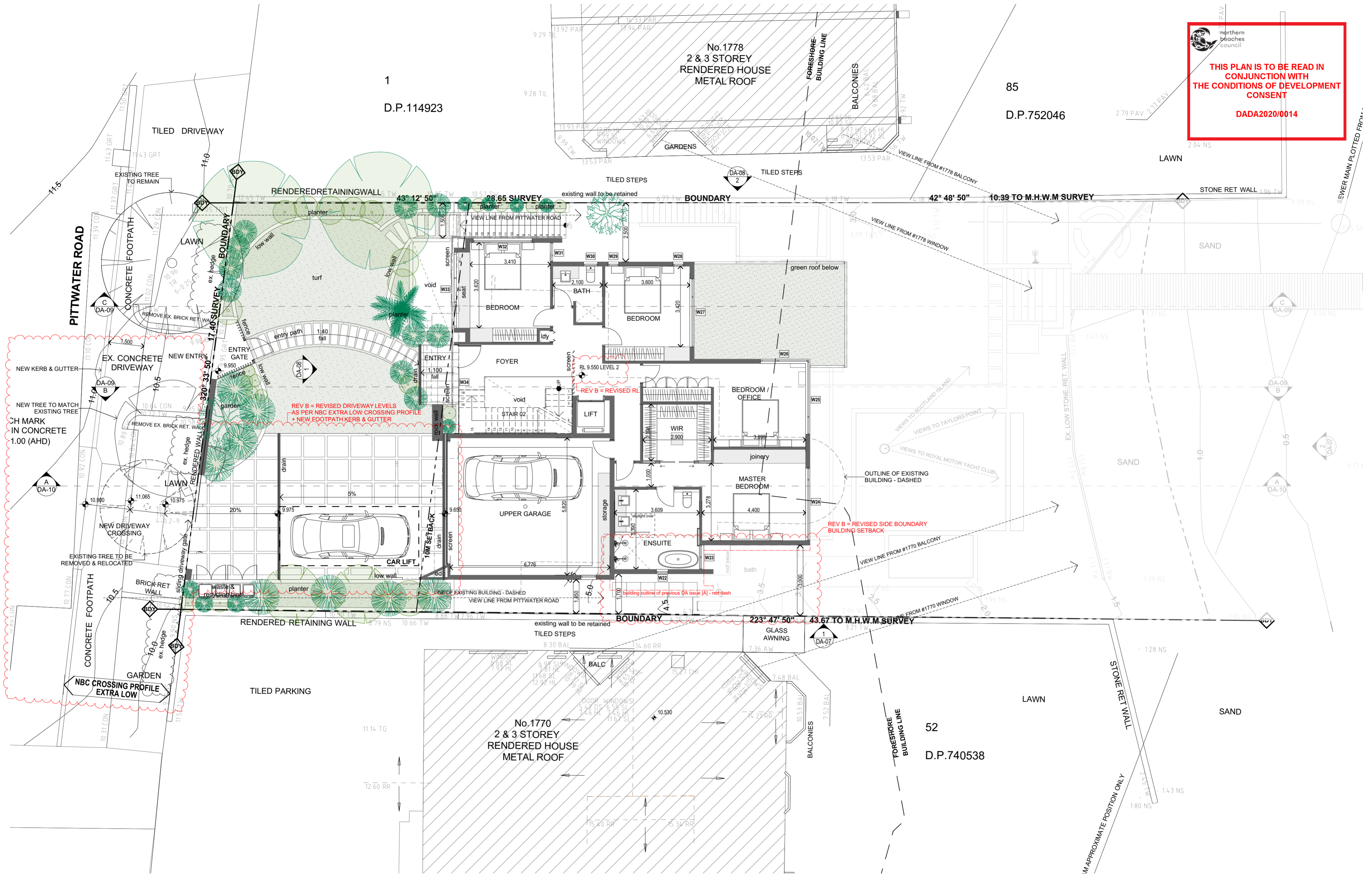
- THERMAL PERFORMANCE REQUIREMENTS**
- External Walls framed/weatherboard clad with sarking + R2.5 insulation batts
 - 200mm concrete slab floors all levels
 - GF to include R1.5 underslab insulation
 - Floors adjacent to outdoor air and subfloor to include R2.5 underslab insulation
 - Internal walls plasterboard on stud
 - All level 2 internal walls & walls adjacent to garage to include R2.5 insulation batts (excluding double glazed wall between lower garage & stair)
 - Ceilings adjacent to concrete roof/deck to include R2.5 insulation
 - Ceilings adjacent to metal roof to include R3.0 insulation
 - Metal Roof to include 70mm foil lined blanket (roof to be a dark colour)
 - Breezeway louvres U=4,4 SHGC=0.47
 - All sliding/fixed windows/doors Thermally broken frames/DG/clear U=3.6 SHGC=0.54
 - Hinged/bifold doors U=3.6 SHGC=0.47
 - External blinds to W3,4,5,14,15,17,18,24,25,26 & 27
 - Ceilings fans to all bedrooms (minimum 1200mm diameter)
 - All recessed downlights sealed and fitted with approved fireproof covers
 - All exhaust fans sealed

THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT
DADA2020/0014



Issue Date	Rev	Description	Drawn	Checked
20/12/2019	A	ISSUE FOR DA	JR	SG
07/04/2020	B	VARIOUS DA AMENDMENTS - REFER REV CLOUDS IN RED		


 northern beaches council
THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT
DADA2020/0014



Issue Date	Rev	Description	Drawn	Checked
20/12/2019	A	ISSUE FOR DA	JR	SG
07/04/2020	B	VARIOUS DA AMENDMENTS - REFER REV CLOUDS IN RED		

PROJECT	DRAWN BY	PLOT DATE
NEW HOUSE 1772 PITTWATER ROAD BAYVIEW NSW	JR	7/04/2020
SCALE	DRAWING NO.	REVISION
1:100 @ A2	DA-06	B
PROJECT NO.	FOR ANDREW BURSILL & GEORGIE TORRENS	
1925		

DRAWING TITLE
LEVEL 2 FLOOR PLAN

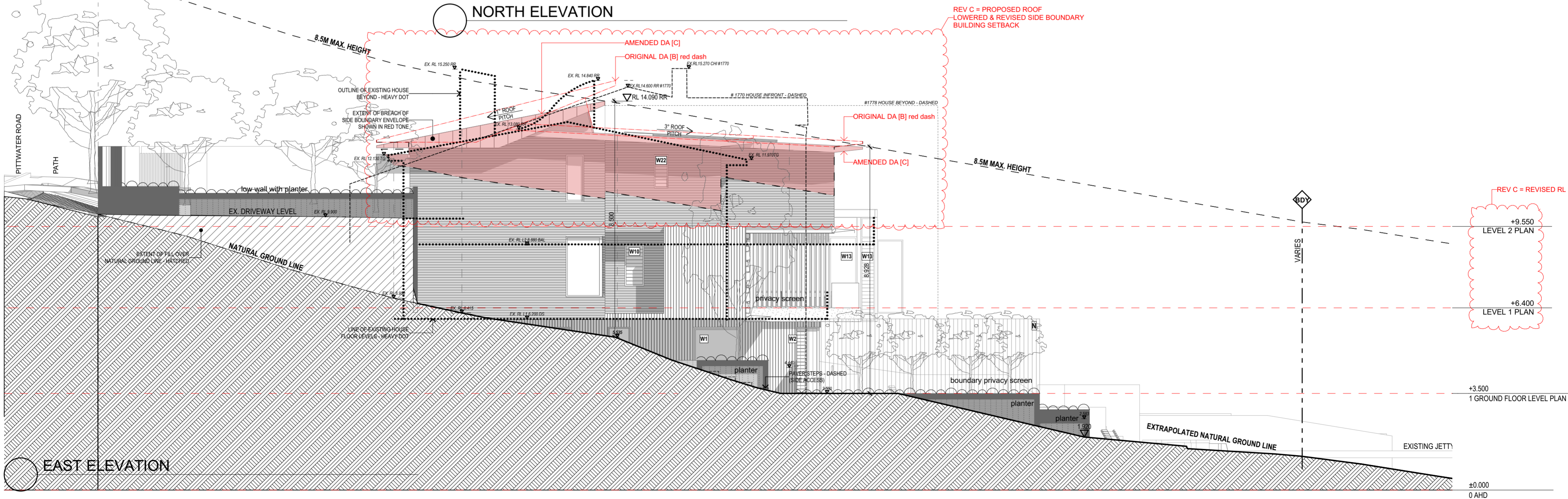
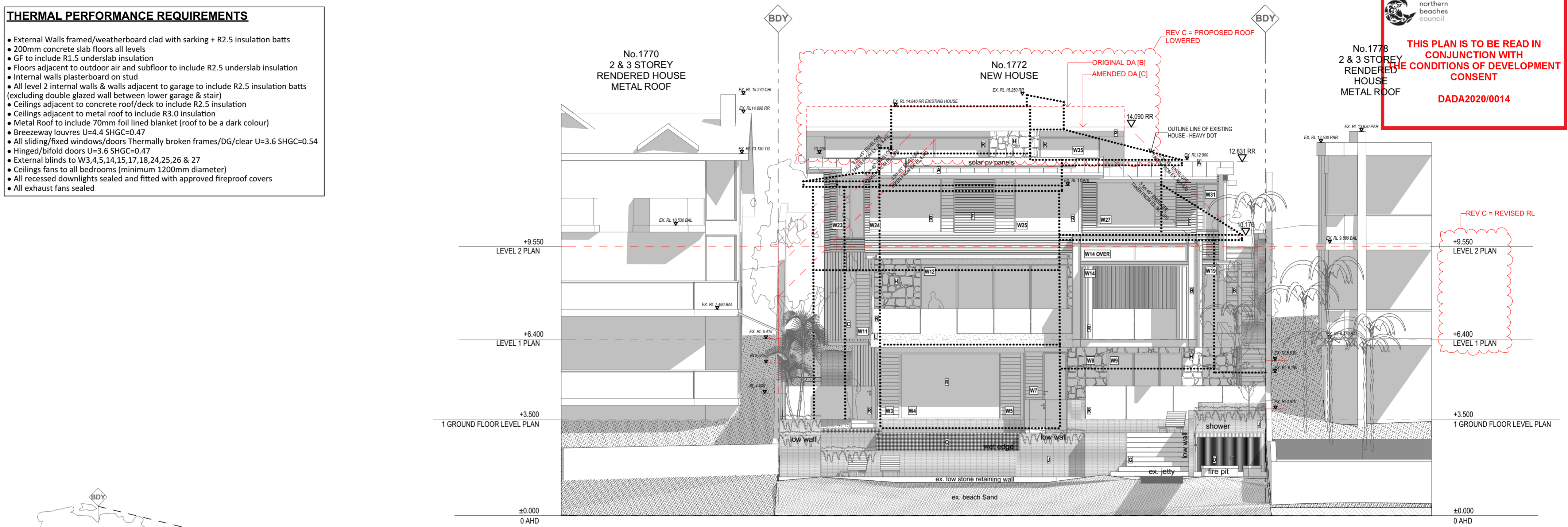
THERMAL PERFORMANCE REQUIREMENTS

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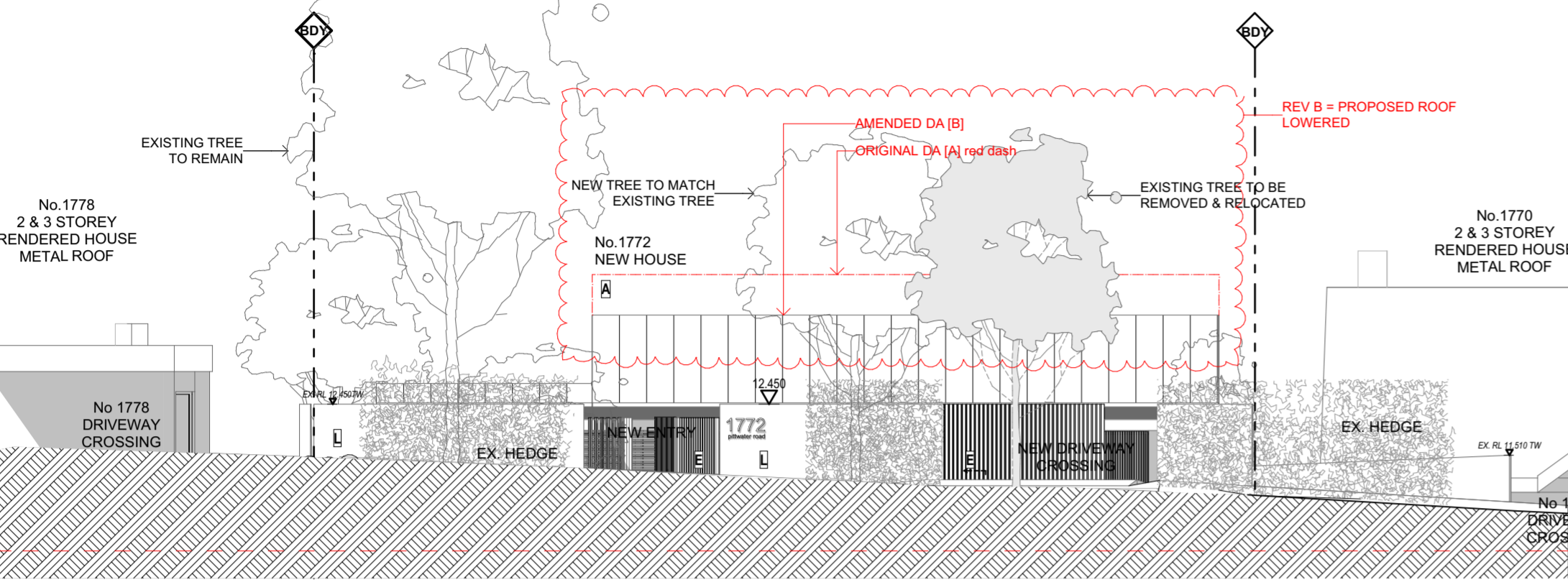
northern beaches council

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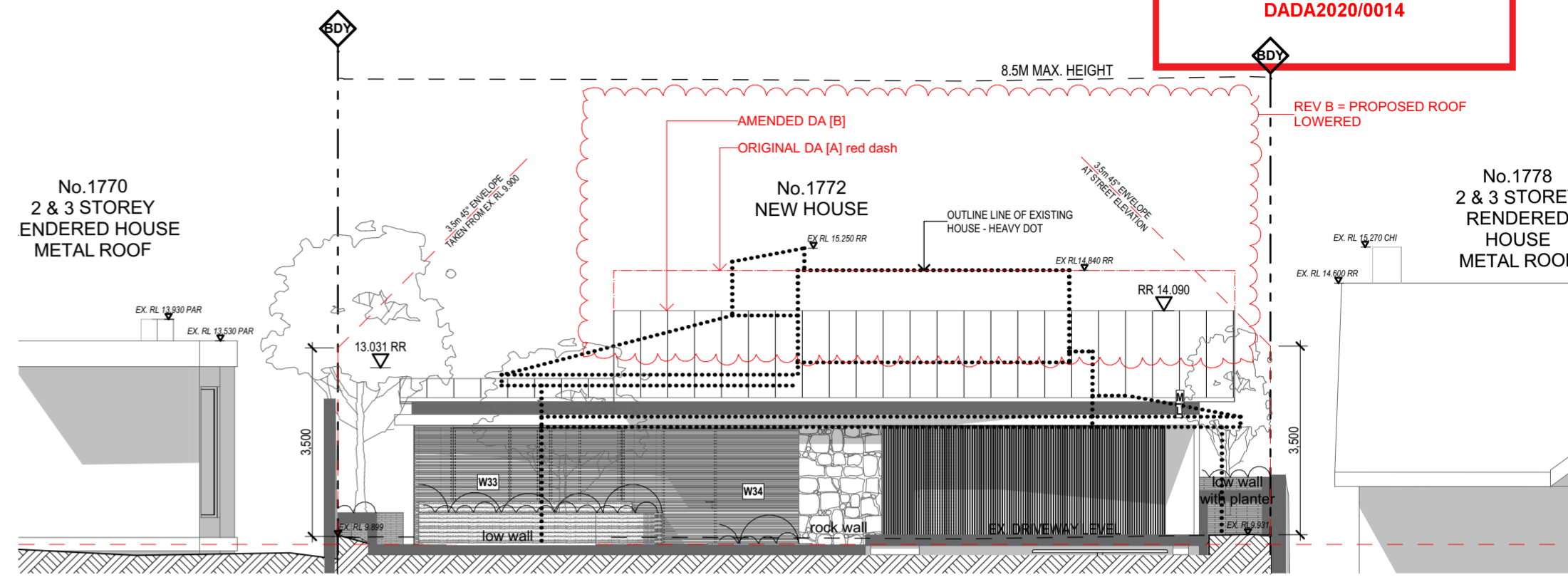
DADA2020/0014



Issue Date	Rev	Description	Drawn	Checked
20/12/2019	A	ISSUE FOR DA		
20/03/2020	B	HEIGHT POLES ADDED		
07/04/2020	C	VARIOUS DA AMENDMENTS - REFER REV CLOUDS IN RED		

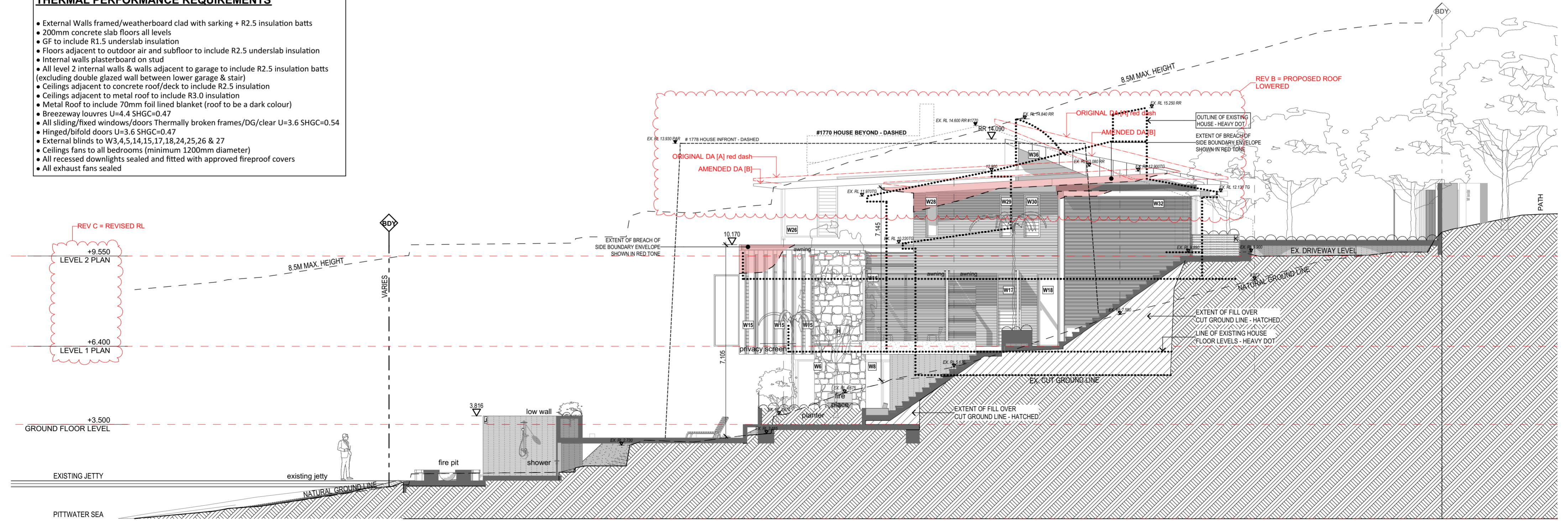


SOUTH ELEVATION (FROM PITTWATER ROAD)



SOUTH ELEVATION ENTRY

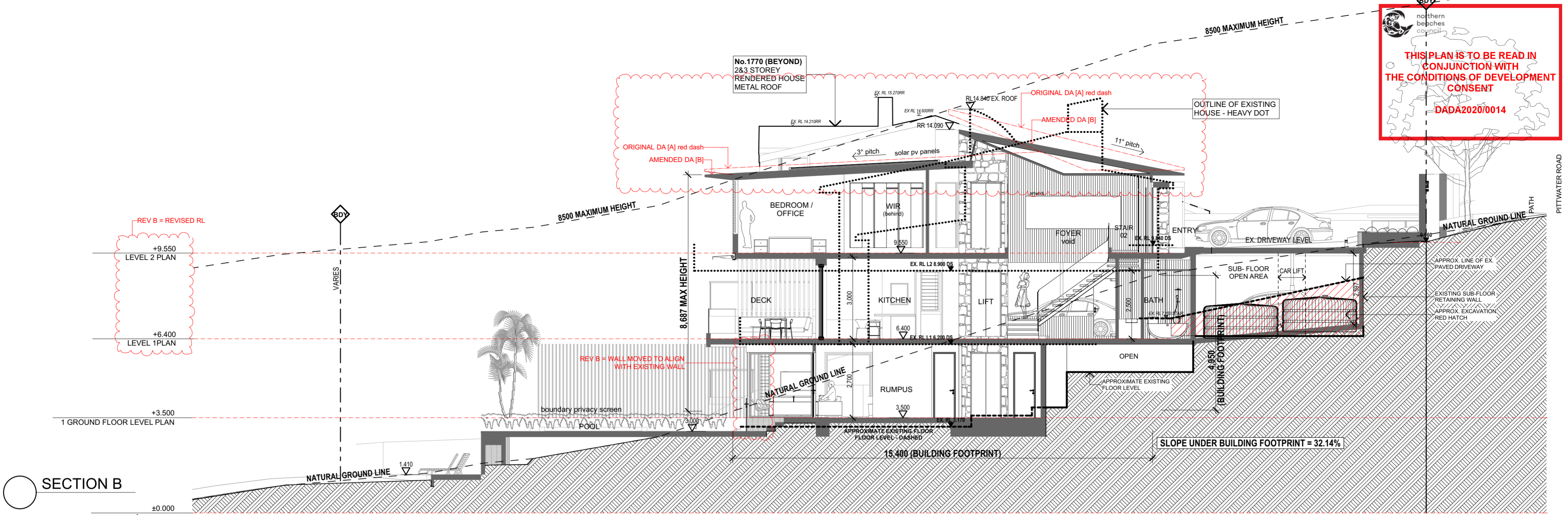
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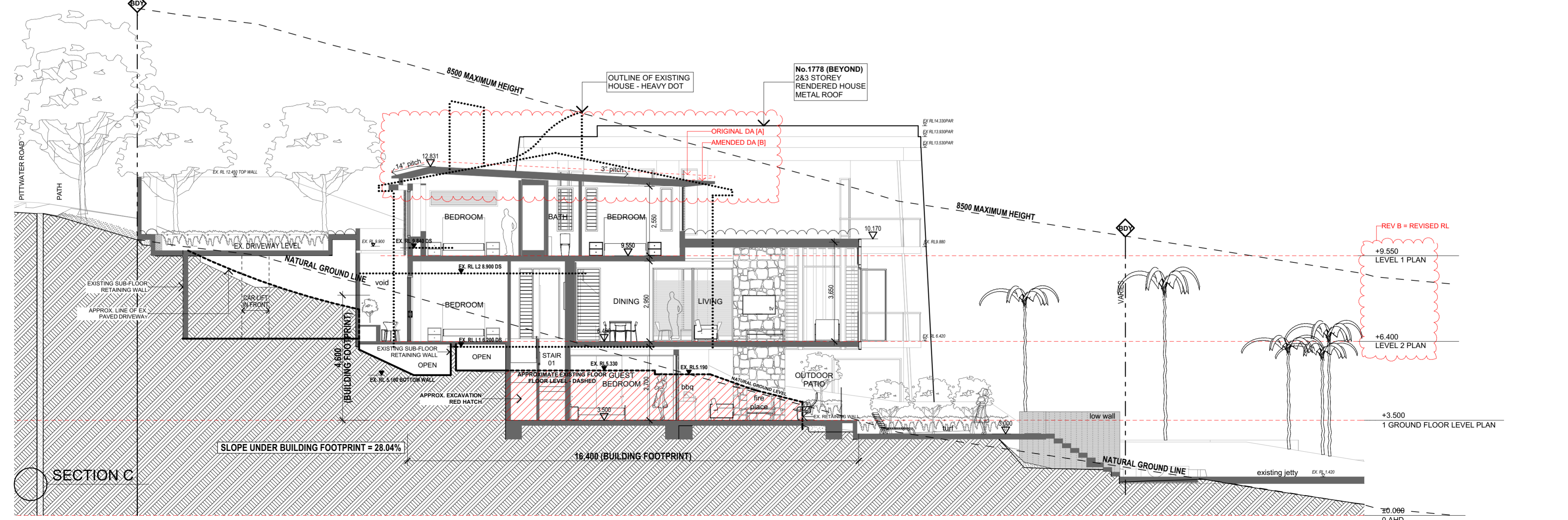
WEST ELEVATION

Issue Date	Rev	Description	Drawn	Checked
20/12/2019	A	ISSUE FOR DA		
07/04/2020	B	VARIOUS DA AMENDMENTS - REFER REV CLOUDS IN RED		

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 DADA2020/0014



SECTION B



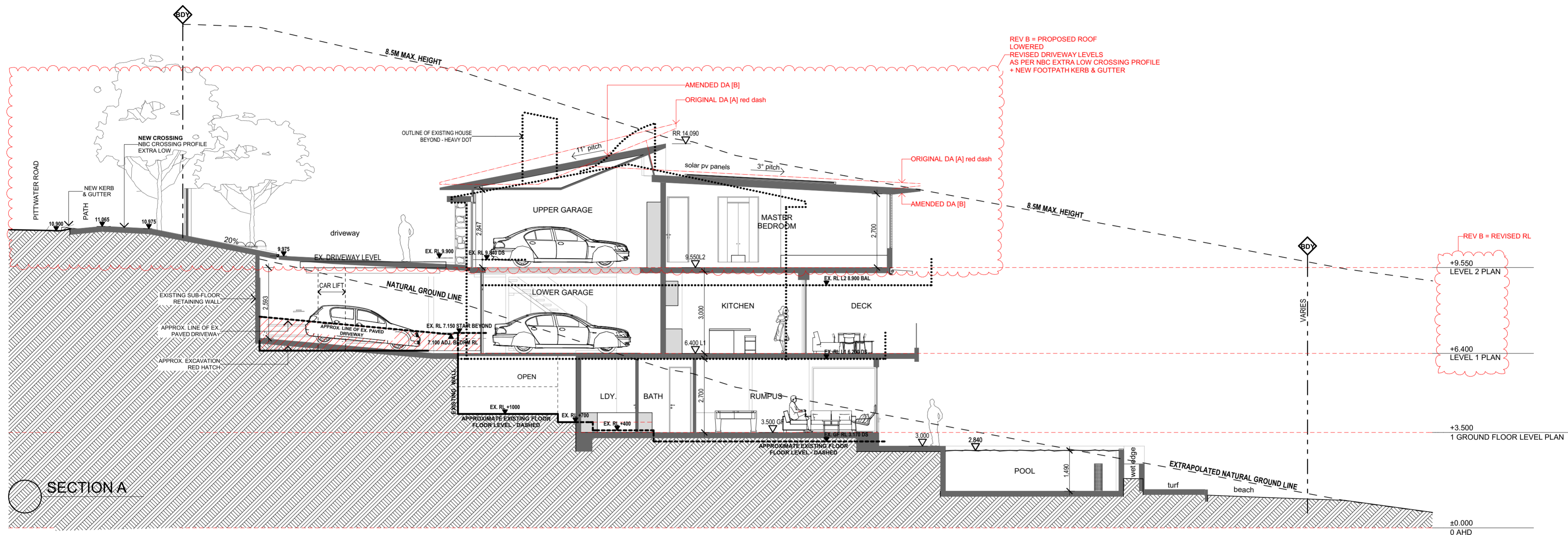
SECTION C

GARTNERTROVATO
 ARCHITECTS
 A PITTVATER PLACE
 L1/13 10 PARK STREET
 PO BOX 1122
 MONA VALE, NSW 2103
 + 61 2 9979 4411
 + 61 2 9979 4422
 G@G-T.COM.AU

Issue Date	Rev	Description	Drawn	Checked
20/12/2019	A	ISSUE FOR DA		
07/04/2020	B	VARIOUS DA AMENDMENTS - REFER REV CLOUDS IN RED		

PROJECT: NEW HOUSE
 1772 PITTVATER ROAD
 BAYVIEW NSW
 FOR ANDREW BURSILL & GEORGIE TORRENS

DRAWING TITLE: SECTION B + C
 SCALE: 1:100 @ A2
 PROJECT NO.: 1925
 DRAWING NO.: DA-09
 PLOT DATE: 8/04/2020
 REVISION: B



Issue Date	Rev	Description	Drawn	Checked
20/12/2019	A	ISSUE FOR DA		
07/04/2020	B	VARIOUS DA AMENDMENTS - REFER REV CLOUDS IN RED		

PROJECT
NEW HOUSE
1772 PITTWATER ROAD
BAYVIEW NSW

FOR ANDREW BURSILL & GEORGIE TORRENS

DRAWING TITLE
SECTION A

SCALE
1:100 @ A2

PROJECT NO.
1925

DRAWN BY
JR

PLOT DATE
7/04/2020

REVISION
B



NORTH ELEVATION 3D



SOUTH ELEVATION 3D

EXTERIOR FINISHES LEGEND

- A** ZINC STANDING SEAM ROOF ON METAL FRAMING - R-VALUE = 2.7 - QUARTZ-ZINC MATTE GREY
- B** STEEL PAINT FINISH - DULUX MONUMENT
- C** EXTERNAL CHARRED TIMBER CLADDING ON METAL FRAMING - R-VALUE = 2.7 - NATURAL FINISH
- D** VERTICAL TIMBER "THIN" CLADDING ON METAL FRAMING - R-VALUE = 2.7 - NATURAL CLEAR FINISH
- E** VERTICAL TIMBER "THIN" CLADDING/ SCREEN ON METAL FRAMING - R-VALUE = 2.7 - NATURAL CLEAR FINISH
- F** CEDAR CLADDING - STAINED ON METAL FRAMING - R-VALUE = 2.7 - STAINED DARK GREY
- G** HONED LIMESTONE TILE
- H** WAMBERAL NATURAL STONE WALL CLADDING
- J** NATURAL LIMESTONE SPLIT STONE CLADDING
- K** NATURAL LIMESTONE SPLIT STONE CLADDING

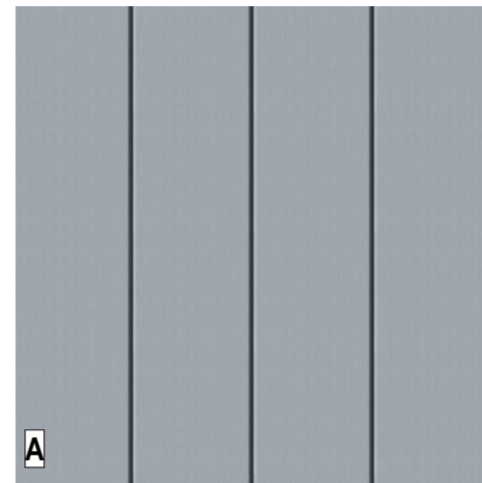
- L** PAINT FINISH
- M** PAINT FINISH - DULUX MONUMENT
- N** VERTICAL TIMBER LOUVRE BLADES PRIVACY SCREEN - NATURAL CLEAR FINISH
- P** V JOINT FIBRE CEMENT "V JOINT" PAINT FINISH
- Q** GLAZED MOSAIC TILES TO POOL
- R** CLEAR GLASS WINDOW / BALUSTRADE



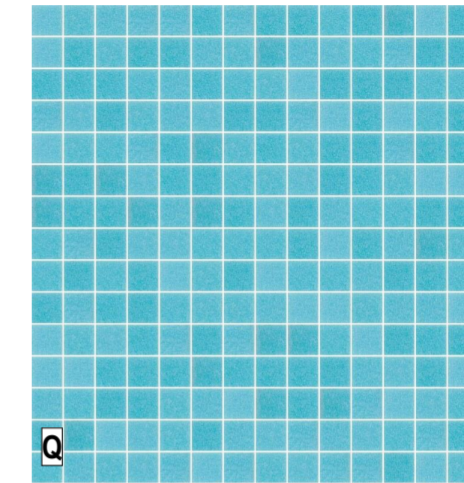
THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT

DADA2020/0014

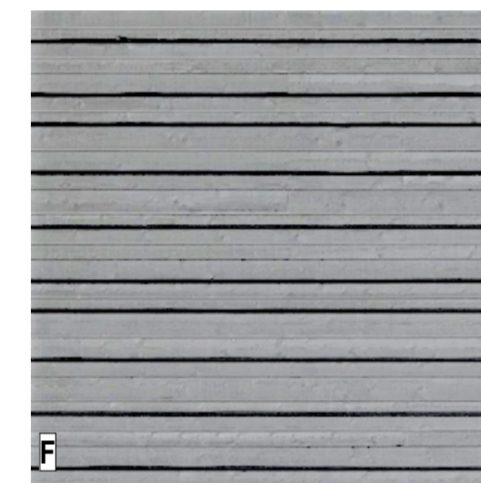
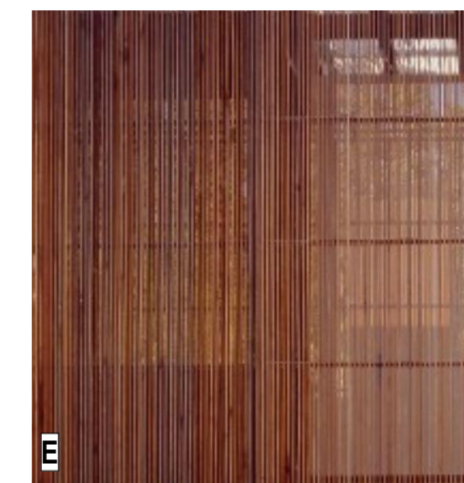
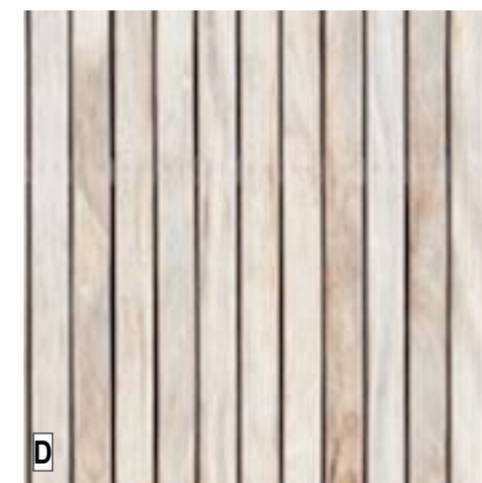
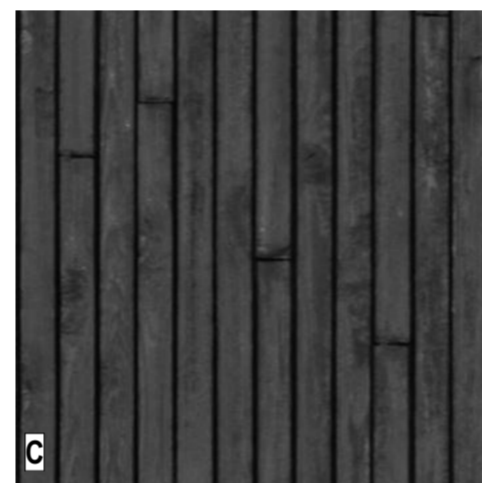
METAL



POOL TILES



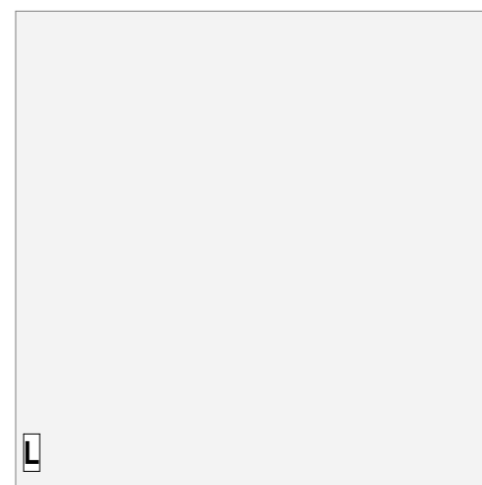
TIMBER



STONE



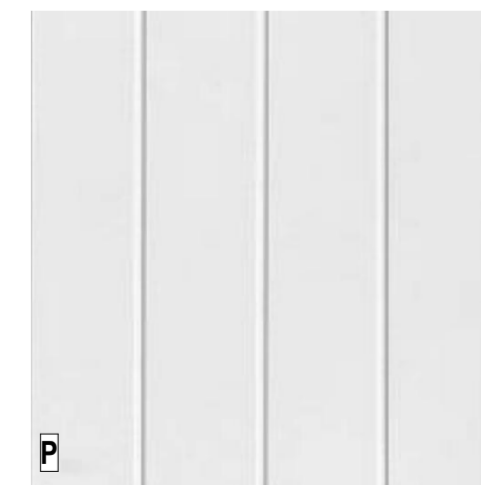
RENDER & PAINT



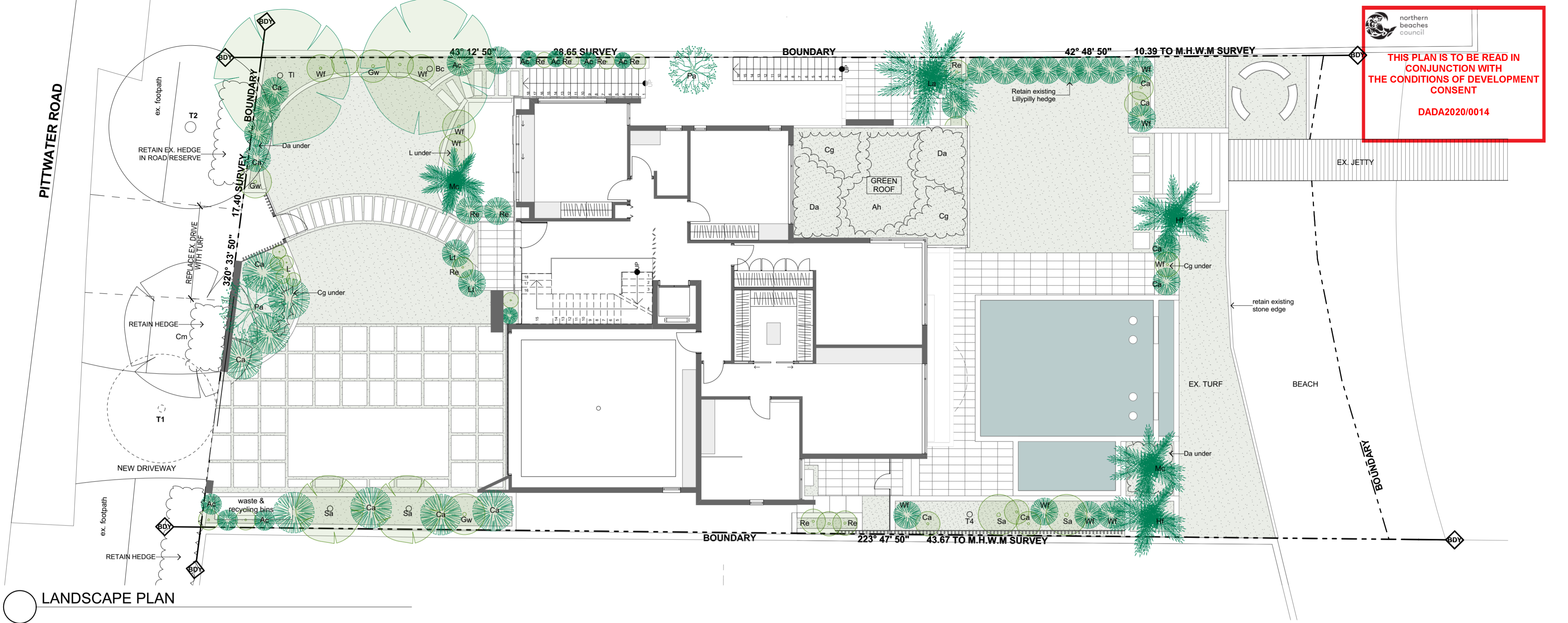
LOUVRE / SCREEN



SOFFIT LINING

















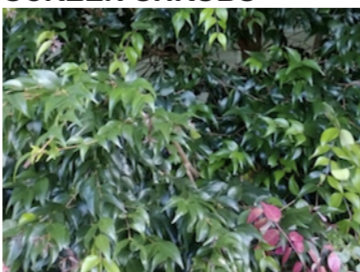




Issue Date	Rev	Description	Drawn	Checked
20/12/2019	A	ISSUE FOR DA		



LANDSCAPE PLAN

Trees	Common Name	Scientific Name	Pot Size	Size at Maturity
	Ivory Curl Tree	Buckinghamia celsissima (Bc)		10 m (h) x 4 m (w)
	Brush Cherry	Syzygium paniculatum (Sa)		8 m (h) x 3 m (w)
	Spotted Gum	Corymbia maculata (Cm)		5 m (h) x 2 m (w)
	Water Gum	Tristaniaopsis laurina (Tl)		
Palms	Cabbage Tree Palm	Livistona australis (La)	300 mm	8 m (h) x 2 m (w)
	Burrawang	Macrozamia communis (Mc)	300 mm	4 m (h) x 3 m (w)
	Kentia Palm	Howea Forsteriana (Hf)	300 mm	4 m (h) x 3 m (w)
	Lady Palm	Rhapis excelsa (Re)	300 mm	3 m (h) x 1 m (w)
Ground Cover, grasses	Liriope	liriope 'evergreen' giant (L)	140 mm	1.2 m (h) x 0.5 m (w)
	Flannel Flower	Actinathus helianthi (Ah)	140 mm	1.2 m (h) x 0.5 m (w)
	Tanika	Lomandra Tanika (Lt)	140 mm	1.2 m (h) x 0.5 m (w)
	Silver Falls	Dichondra argentea (Da)	140 mm	1.2 m (h) x 0.5 m (w)
	Pig Face	Carpobrotus glaucescens (Cg)	140 mm	0.2 m (h) x 0.9 m (w)
Shrubs	White Correa	Correa alba (Ca)	300 mm	1.5 m (h) x 1.5 m (w)
	Grevillea 'moonlight'	Grevillea whiteana (Gw)	300 mm	0.8 m (h) x 1.5 m (w)
	Coastal Rosemary	Westringia fruticosa (Wf)	300 mm	3 m (h) x 2 m (w)
	Native Ginger	Alpinia caerulea (Ac)	300 mm	1.5 m (h) x 1.5 m (w)
	Frangipani	Plumeria (P)	300 mm	1.5 m (h) x 1.5 m (w)
Turf	Stenotaphrum secundatum	Sir Walter Buffalo		
	Forest Fines			
Mulch & Edging	Cypress Pine bark mulch and galvanised steel angle edging to garden beds. White pea-gravel to planterboxes.			
Irrigation	Irrigation to be provided to all landscaped areas, including common gardens, private gardens and planterboxes. Irrigation supplied by 4,500 L rain water tank.			

EXISTING TREE SCHEDULE		
T1	Spotted Gum	Corymbia maculata
T2	Lemon-scented Gum	Corymbia citriodora
T4	Brush Cherry	Syzygium australe

TREES	SMALL SHRUBS	SUCCULENTS
 Cma - Spotted Gum	 Aze - Shell Ginger	 Aat - Agave attenuata
 Sol - Blue Cherry	 Birds Nest Fern	 Pxa - Dwarf Philodendron
 Eeu - Bush Quandong	 Gii - Gazania	 Cst - Slender Palm Lily
 Lar - Cabbage Tree Palm	 Bca - Gristle Fern	 Pxa - Dwarf Philodendron
 Ere - Blueberry Ash	 Gii - Gazania	 Cst - Slender Palm Lily
 Silu - Small Leaf Lillypilly	 Bgi - "Silver Lady" fern	 Pxa - Dwarf Philodendron
 SCREEN SHRUBS	 Rex - Lady Palm	 Cst - Slender Palm Lily
	 Dlo - Flax Lily	 Pxa - Dwarf Philodendron
	 Tma - Tiger Grass	 Cgl - Pig Face

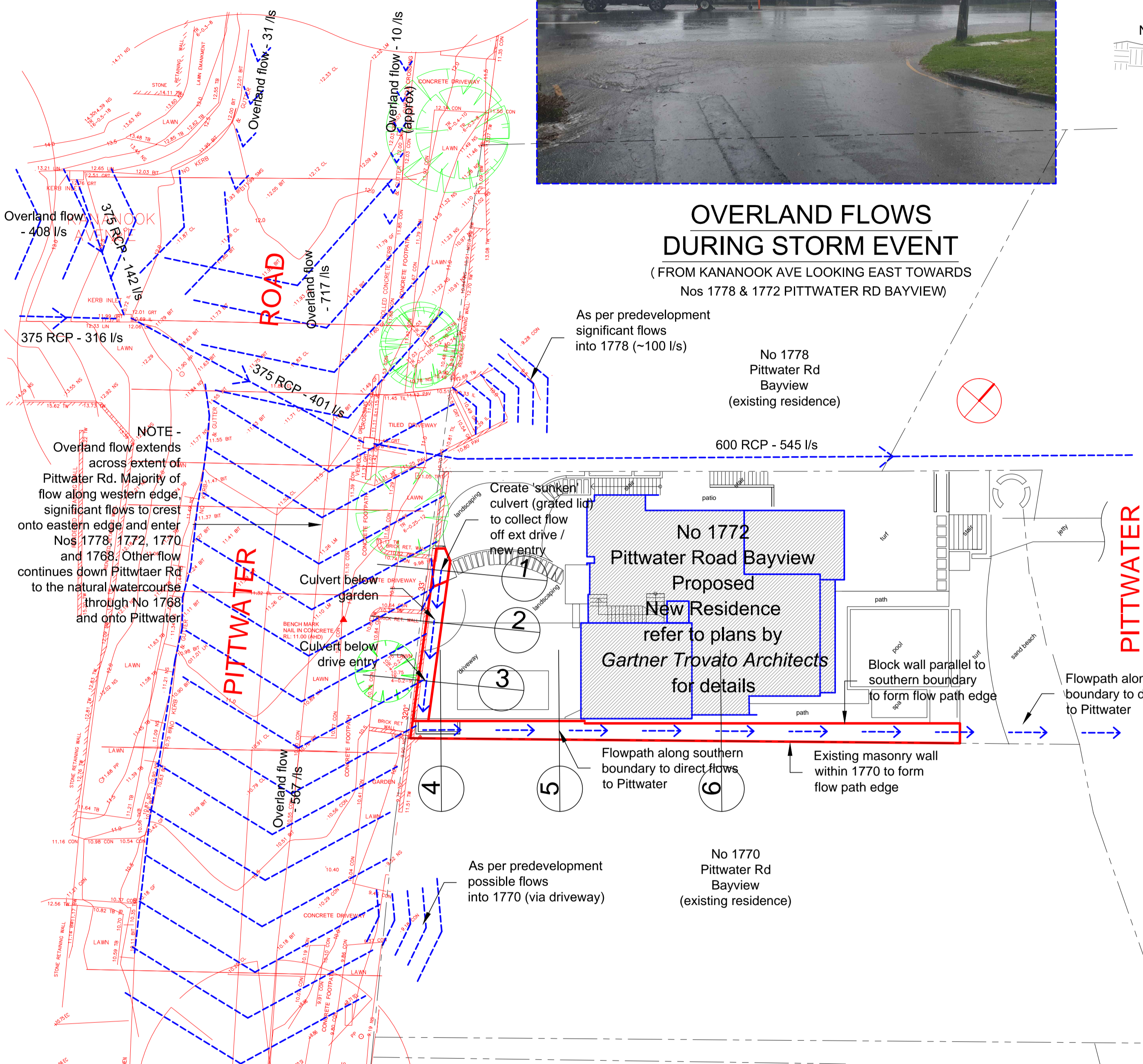


Issue Date	Rev	Description	Drawn	Checked
20/12/2019	A	ISSUE FOR DA		

northern beaches council
 Existing masonry wall within No 1770
THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT DADA2020/0014

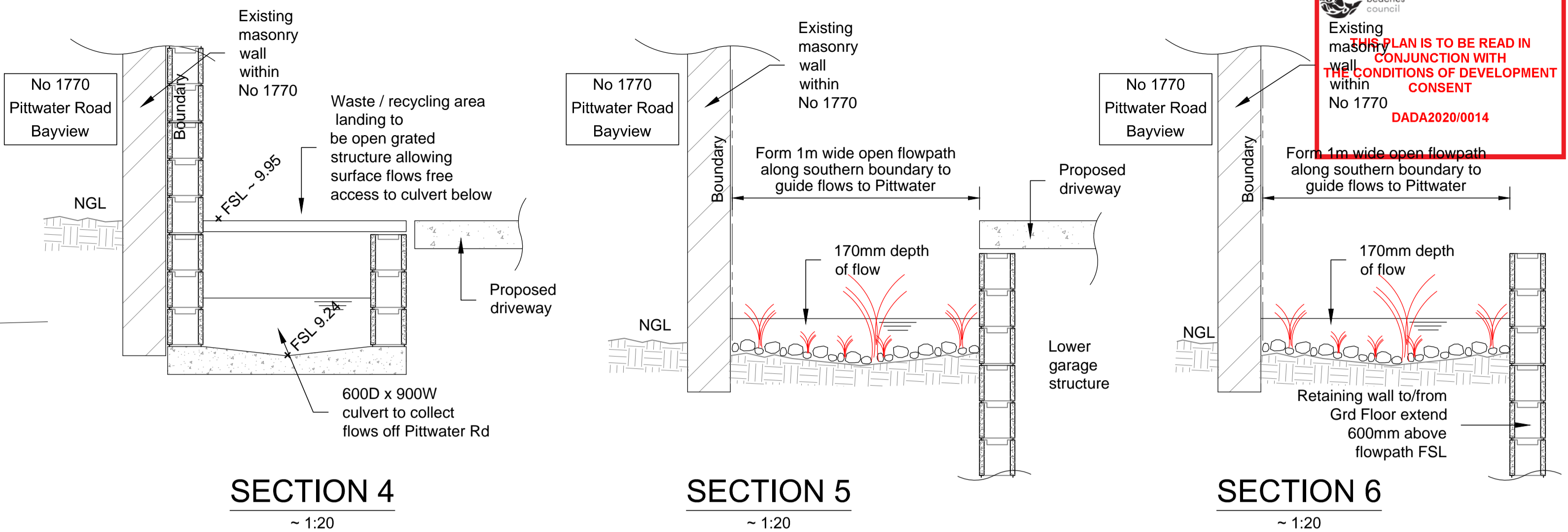


OVERLAND FLOWS DURING STORM EVENT
 (FROM KANANOOK AVE LOOKING EAST TOWARDS Nos 1778 & 1772 PITTWATER RD BAYVIEW)



OVERLAND FLOW MANAGEMENT CIVIL WORKS
 ~ 1:200

IN ASSOCIATION WITH THE PROPOSED NEW RESIDENCE DEVELOPMENT APPLICATION AT No 1772 PITTWATER ROAD BAYVIEW. WORKS TO CONTROL OVERLAND FLOW THAT EXTENDS ACROSS PITTWATER ROAD AND INTO THE DEVELOPMENT SITE DURING SEVER STORM EVENTS (IE; EVENTS > 20% AEP). A GRATED CULVERT IS TO BE INSTALLED ALONG THE WESTERN BOUNDARY OF No 1772 TO COLLECT FLOWS ENTERING THE DEVELOPMENT SITE. THESE FLOWS ARE THEN TO BE DIRECTED TO AN OPEN FLOWPATH ALONG THE SOUTHERN BOUNDARY AND ON INTO PITTWATER. ALL WORKS TO ENSURE ALL PROPERTIES ARE NOT ADVERSELY EFFECTED FROM CURRENT OVERLAND FLOW CONVEYANCE. REFER TO SW2, SOFTWARE MODELING DRAINS AND HECRAS FOR ANALYSIS OF OVERLAND FLOWS WITHIN PITTWATER ROAD.

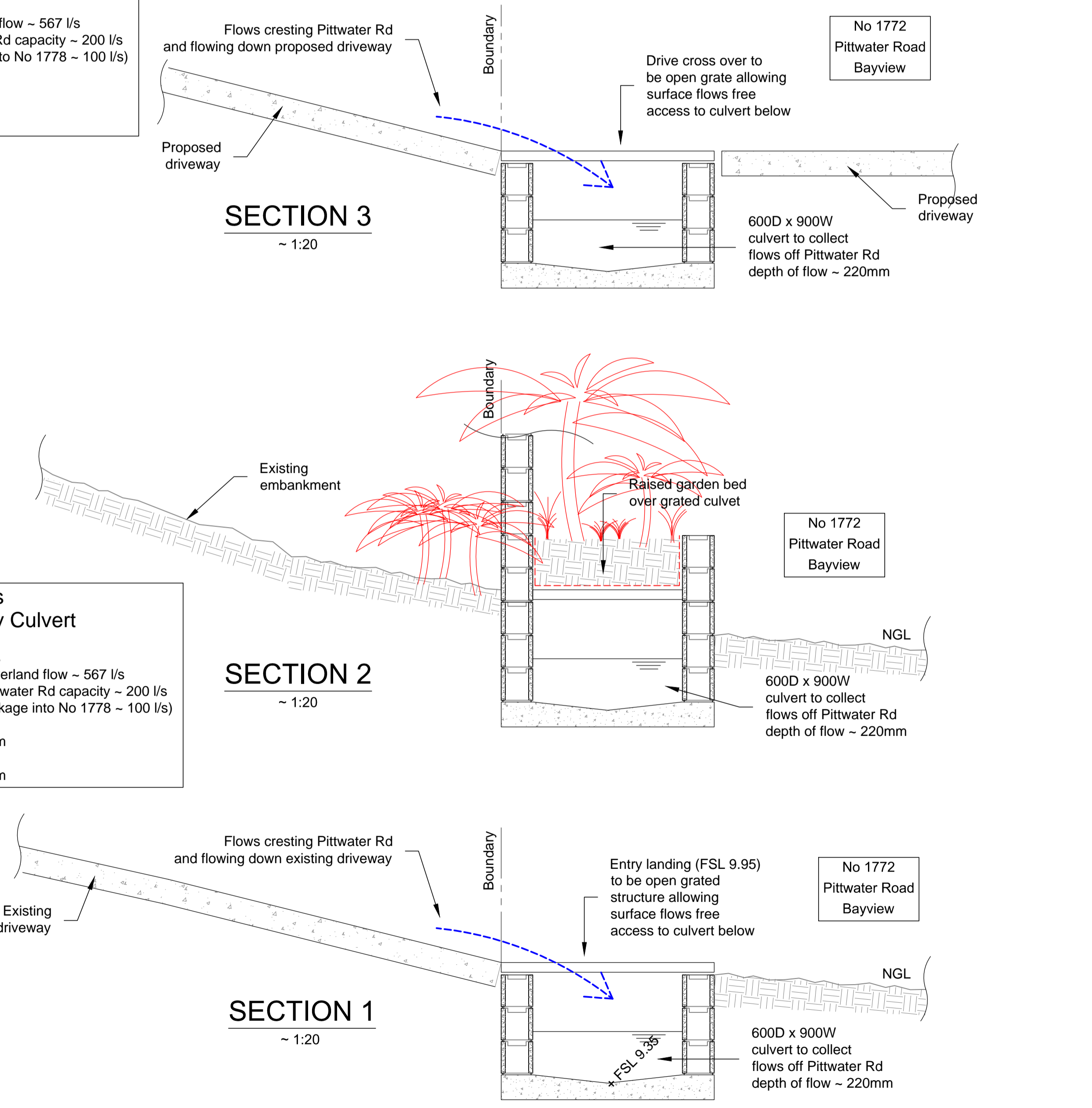


Mannings Analysis Southern Boundary Flowpath

Design flow rate	- 270 l/s (total overland flow - 567 l/s less Pittwater Rd capacity - 200 l/s less leakage into No 1778 - 100 l/s)
Slope	- 5%
Width	- 900mm
Mannings No	- 0.03
Depth of Flow	- 170mm

Mannings Analysis Western Boundary Culvert

Design flow rate	- 270 l/s (total overland flow - 567 l/s less Pittwater Rd capacity - 200 l/s less leakage into No 1778 - 100 l/s)
Slope	- 1%
Width	- 900mm
Mannings No	- 0.02
Depth of Flow	- 220mm



ISSUE:	DATE:	DESCRIPTION:
Prelim	23.03.2020	Issued for comment
DA - A	04.05.2020	System revised to accommodate flows directly through No 1772 to Pittwater

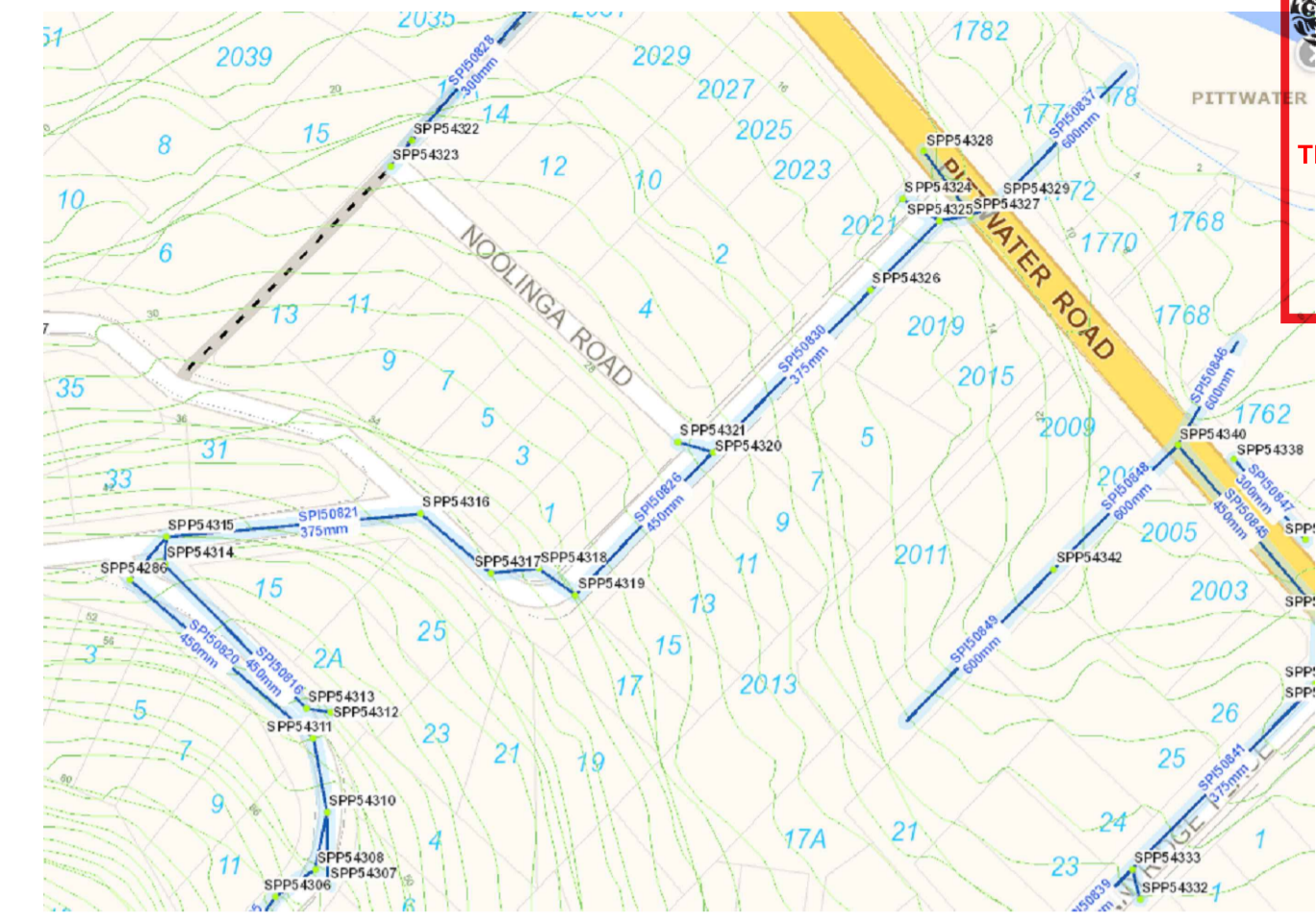
Barrenjoey Consulting Engineers Pty Ltd
 Stormwater Structural Civil
 PO Box 672
 Avalon NSW 2107
 M 0418 620 330
 E lucasbee@bigpond.com
 ABN: 13124694917
 ACN: 124694917

PROJECT:
PITTWATER ROAD CIVIL WORKS

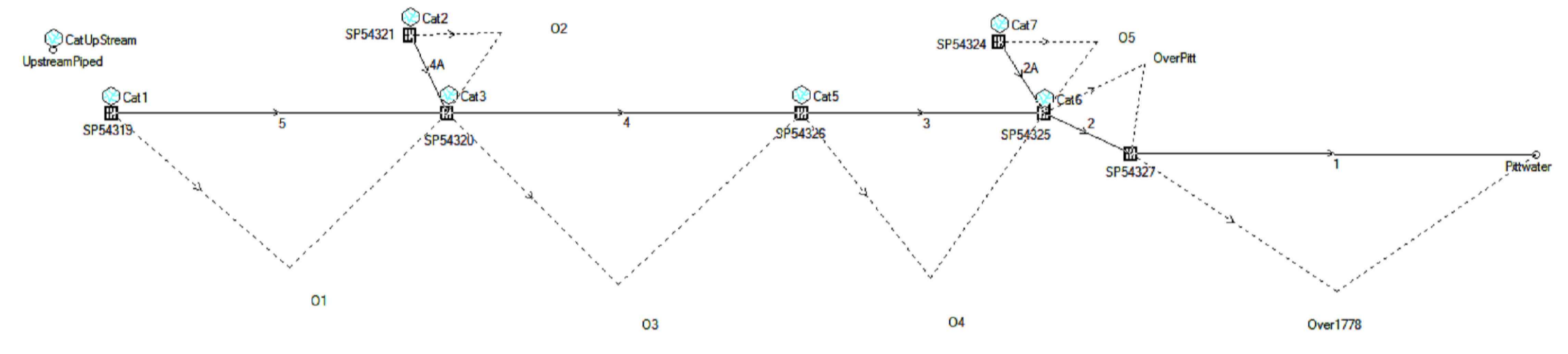
DRAWING :
OVERLAND FLOW CIVIL WORKS PLAN & DETAILING

Job No :
200303
 Drawing No
SW1 DA - A
 Document Certification
 Barrenjoey Consulting Engineers Pty Ltd
 per
 Lucas Molloy MEA CPENG NER Director

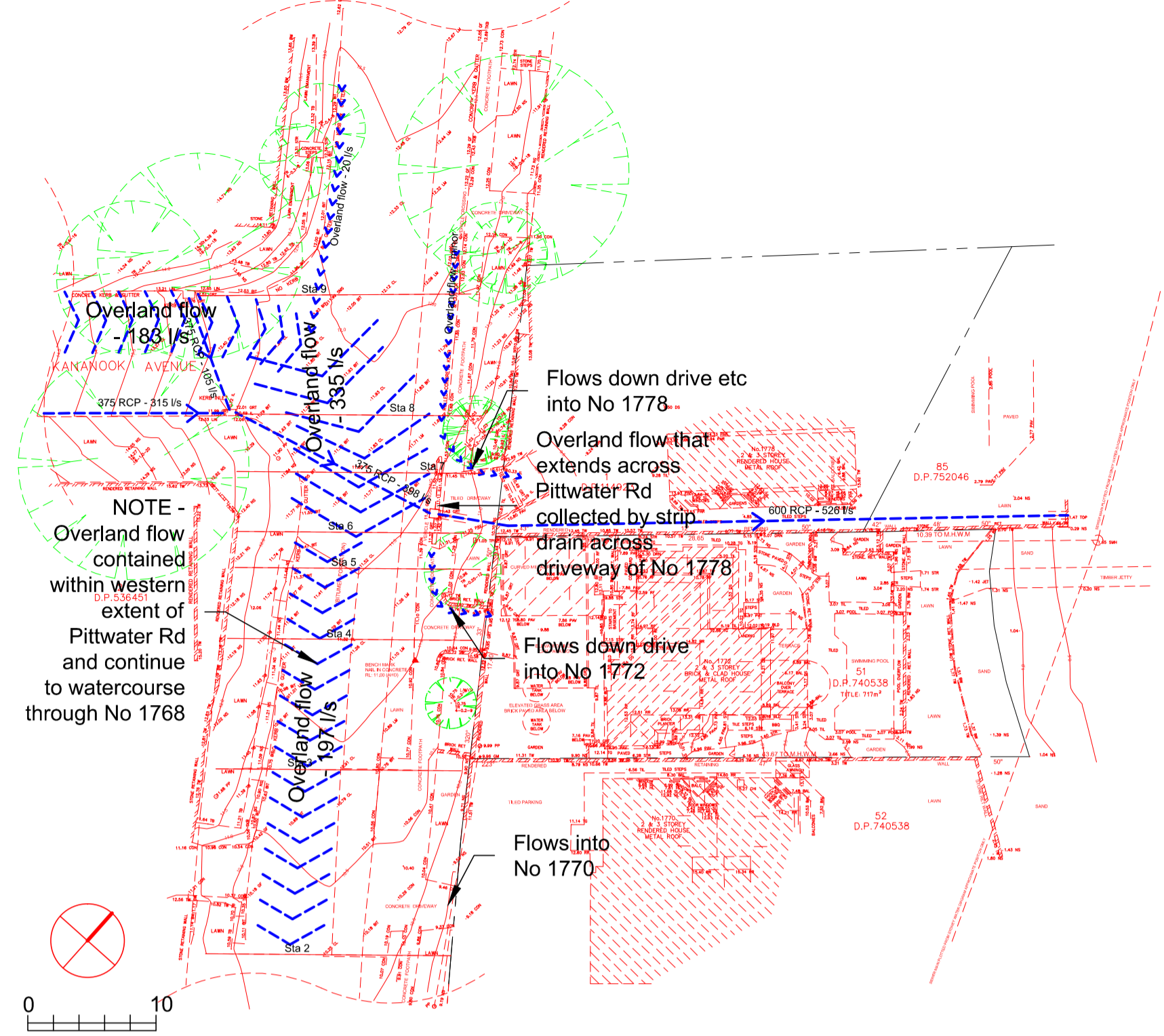
THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT
DADA2020/0014



COUNCIL INFRASTRUCTURE LAYOUT
NTS
(IMAGE FROM COUNCIL MAPPING WEBSITE)



DRAINS CATCHMENTS LAYOUT
REFER TO MODELING / SUMMARY BELOW FOR CATCHMENTS / SUB CATCHMENTS ANALYSIS INLET PITS AS PER COUNCIL MAPPING DATA



20% AEP EVENT EXISTING OVERLAND FLOW EXTENTS
~ 1:400
Flowrates shown as per DRAINS analysis
Overland flow extent as per HECRAS analysis

DRAINS ANALYSIS SUMMARY

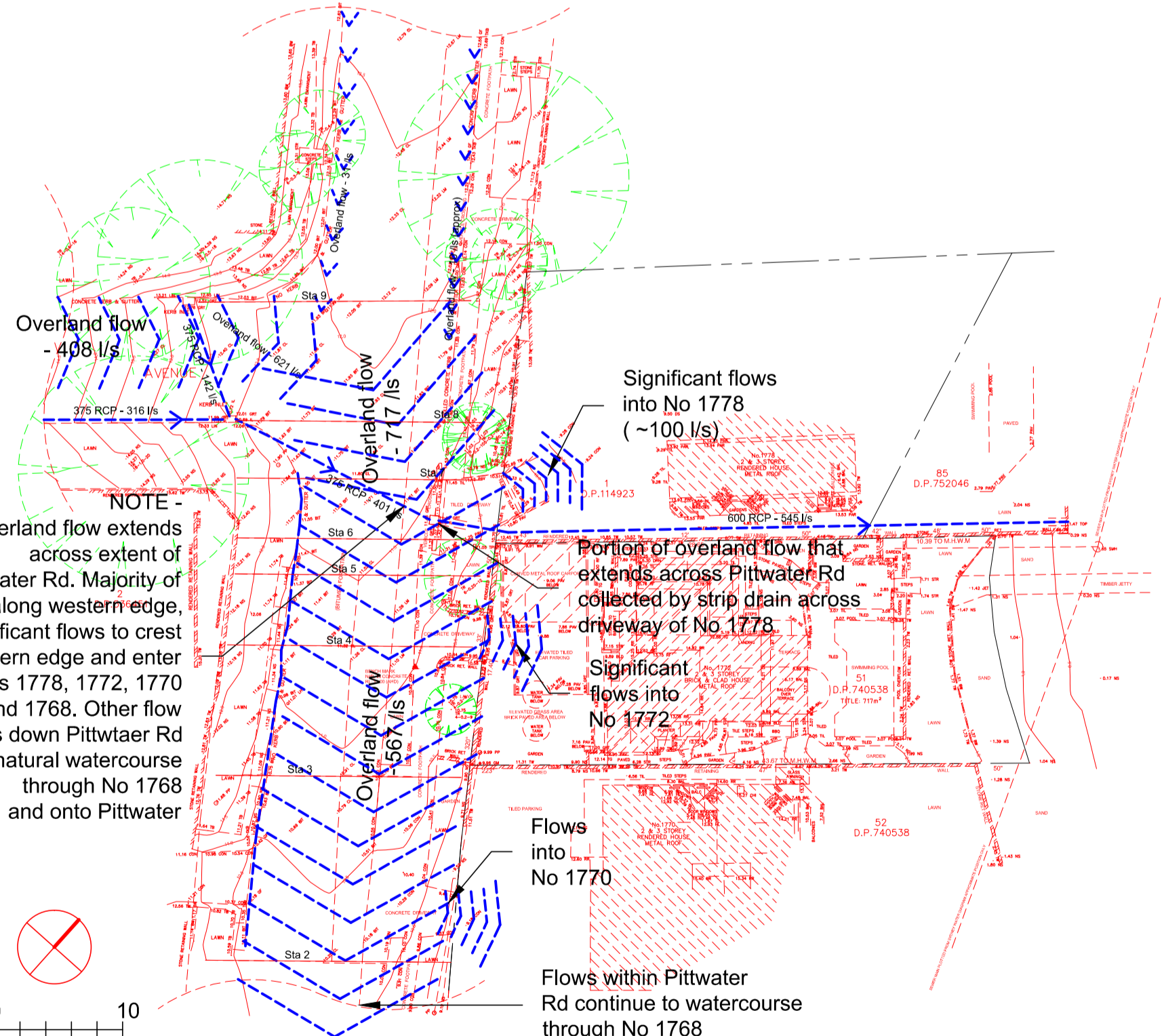
Name	Max HGL	Max Flood	Max Surface Flow	Max Pond	Version 13	Outflow	Comment
SF54319	23.38	0.113	0.000	0.000	0.00	0.00	Inlet Capacity
SF54320	23.40	0.113	0.000	0.000	0.00	0.00	Outlet System
SF54321	23.42	0.113	0.000	0.000	0.00	0.00	Outlet System
SF54322	23.44	0.113	0.000	0.000	0.00	0.00	Inlet Capacity
SF54323	23.46	0.113	0.000	0.000	0.00	0.00	Inlet Capacity
SF54324	23.48	0.113	0.000	0.000	0.00	0.00	Inlet Capacity
SF54325	23.50	0.113	0.000	0.000	0.00	0.00	Inlet Capacity
SF54326	23.52	0.113	0.000	0.000	0.00	0.00	Inlet Capacity
SF54327	23.54	0.113	0.000	0.000	0.00	0.00	Inlet Capacity

20% AEP EVENT HECRAS ANALYSIS SUMMARY

Reach	River Sta	Profile	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	Ch W.S. Elev (m)	E.G. Elev (m)	E.G. Slope	Vel Chd (m/s)	Flow Area (m ²)	Top Width (m)	Froude #	Ch El (m)
1	9	PF 2	0.33	11.95	12.09	12.09	12.13	0.004178	0.88	0.43	6.08	0.92	
1	8	PF 2	0.33	11.73	11.86	11.86	11.80	0.002020	0.82	0.39	6.08	1.02	
1	7	PF 2	0.33	11.60	11.73	11.73	11.80	0.004163	0.84	0.39	6.08	0.94	
1	6	PF 2	0.20	11.50	11.62	11.62	11.6	0.002798	0.70	0.33	5.58	0.75	
1	5	PF 2	0.20	11.27	11.39	11.39	11.43	0.002553	0.78	0.25	4.05	1.00	
1	4	PF 2	0.20	11.15	11.26	11.26	11.28	0.004492	0.77	0.28	5.23	0.92	
1	3	PF 2	0.20	10.75	10.86	10.86	10.91	0.002670	0.83	0.22	3.82	1.17	

1% AEP EVENT HECRAS ANALYSIS SUMMARY

Reach	River Sta	Profile	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	Ch W.S. Elev (m)	E.G. Elev (m)	E.G. Slope	Vel Chd (m/s)	Flow Area (m ²)	Top Width (m)	Froude #	Ch El (m)
1	9	PF 2	0.72	11.95	12.15	12.15	12.19	0.003132	0.88	0.67	6.08	0.85	
1	8	PF 2	0.72	11.73	11.81	11.81	11.87	0.003340	0.90	0.67	6.08	0.89	
1	7	PF 2	0.72	11.60	11.68	11.68	11.71	0.003500	0.90	0.67	6.08	0.90	
1	6	PF 2	0.57	11.50	11.62	11.62	11.6	0.002800	0.75	0.58	5.58	0.84	
1	5	PF 2	0.57	11.27	11.45	11.45	11.51	0.004458	0.79	0.55	5.87	1.00	
1	4	PF 2	0.57	11.15	11.36	11.36	11.40	0.004500	0.78	0.58	5.58	1.01	
1	3	PF 2	0.57	10.75	10.94	10.94	10.99	0.003802	0.86	0.58	5.50	0.93	



1% AEP EVENT EXISTING OVERLAND FLOW EXTENTS
~ 1:400
Flowrates shown as per DRAINS analysis
Overland flow extent as per HECRAS analysis

DRAINS ANALYSIS SUMMARY

Name	Max HGL	Max Flood	Max Surface Flow	Max Pond	Version 13	Outflow	Comment
SF54319	23.38	0.113	0.000	0.000	0.00	0.00	Inlet Capacity
SF54320	23.40	0.113	0.000	0.000	0.00	0.00	Outlet System
SF54321	23.42	0.113	0.000	0.000	0.00	0.00	Outlet System
SF54322	23.44	0.113	0.000	0.000	0.00	0.00	Outlet System
SF54323	23.46	0.113	0.000	0.000	0.00	0.00	Inlet Capacity
SF54324	23.48	0.113	0.000	0.000	0.00	0.00	Inlet Capacity
SF54325	23.50	0.113	0.000	0.000	0.00	0.00	Inlet Capacity
SF54326	23.52	0.113	0.000	0.000	0.00	0.00	Inlet Capacity
SF54327	23.54	0.113	0.000	0.000	0.00	0.00	Inlet Capacity

1% AEP EVENT HECRAS ANALYSIS SUMMARY

Reach	River Sta	Profile	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	Ch W.S. Elev (m)	E.G. Elev (m)	E.G. Slope	Vel Chd (m/s)	Flow Area (m ²)	Top Width (m)	Froude #	Ch El (m)
1	9	PF 2	1.35	11.95	12.19	12.19	12.23	0.004178	0.88	0.83	6.08	0.92	
1	8	PF 2	1.35	11.73	11.86	11.86	11.80	0.002020	0.82	0.39	6.08	1.02	
1	7	PF 2	1.35	11.60	11.73	11.73	11.80	0.004163	0.84	0.39	6.08	0.94	
1	6	PF 2	0.80	11.50	11.62	11.62	11.6	0.002798	0.70	0.33	5.58	0.75	
1	5	PF 2	0.80	11.27	11.39	11.39	11.43	0.002553	0.78	0.25	4.05	1.00	
1	4	PF 2	0.80	11.15	11.26	11.26	11.28	0.004492	0.77	0.28	5.23	0.92	
1	3	PF 2	0.80	10.75	10.86	10.86	10.91	0.002670	0.83	0.22	3.82	1.17	

1% AEP EVENT HECRAS ANALYSIS SUMMARY
(note analysis split to western and eastern road profiles and flowrates)

Reach	River Sta	Profile	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	Ch W.S. Elev (m)	E.G. Elev (m)	E.G. Slope	Vel Chd (m/s)	Flow Area (m ²)	Top Width (m)	Froude #	Ch El (m)
1	9	PF 2	0.72	11.95	12.15	12.15	12.19	0.003132	0.88	0.67	6.08	0.85	
1	8	PF 2	0.72	11.73	11.81	11.81	11.87	0.003340	0.90	0.67	6.08	0.89	
1	7	PF 2	0.72	11.60	11.68	11.68	11.71	0.003500	0.90	0.67	6.08	0.90	
1	6	PF 2	0.57	11.50	11.62	11.62	11.6	0.002800	0.75	0.58	5.58	0.84	
1	5	PF 2	0.57	11.27	11.45	11.45	11.51	0.004458	0.79	0.55	5.87	1.00	
1	4	PF 2	0.57	11.15	11.36	11.36	11.40	0.004500	0.78	0.58	5.58	1.01	
1	3	PF 2	0.57	10.75	10.94	10.94	10.99	0.003802	0.86	0.58	5.50	0.93	

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PROJECT: PITTWATER ROAD CIVIL WORKS

DRAWING: CATCHMENT ANALYSIS

Job No: 200303
Drawing No: SW2 DA - A

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