DIRECTORS
Stewart McGeady Rick Wray Brad Seghers

Flood Control Certificate

Date:	13/08/2021	Job No.	210712
Client:	Darren Paton	Engineer:	HS/MW

Site: 10 Palm Road, Newport

NB Consulting Engineers has assessed the architectural plans prepared by *Michael King* (dated July 2021) for proposed new pool at the above site address in reference to potential flood issues. A survey prepared by Waterview Surveying Services (dated 11/06/2021) was also assessed.

Flood levels have been obtained from council. This assessment has been based on the *Newport Flood Study 2019, Catchment Simulation Solutions* information and has considered that the development is within the predicted flood extent and flood affected area.

Pittwater Council flood management information indicates the following:

- Flood Category — Floodway & Flood Storage
- Flood life hazard classification — H3-H5
- Provisional Flood Hazard — Medium - High Risk Precinct
- 1% AEP Flood Level — 5.55 AHD
- 1% AEP Flood Depth (Max) — 0.84 m
- 1% AEP Flood Velocity — 2.90 m/s
- Flood Planning Level (FPL) — 6.05 AHD
- Probable Maximum Flood Level (PMF) — 6.02 AHD
- Probable Maximum Flood Depth (PMF) — 1.78 m
- Probable Maximum Velocity — 2.90 m/s

We have considered that while the proposed works are within the 1% AEP flood extent, the proposed inground pool is considered an ancillary development and not envisaged to affect the flood storage or impede flood waters should the following conditions be complied with.

DIRECTORS
Stewart McGeady Rick Wray Brad Seghers

The proposed works are to be limited to the building of a new inground pool. The pool coping is to match existing ground levels to ensure flood storage and overland flows are not impeded or altered as a result of the proposal. Open pool fencing is required to ensure floodwaters pass through with minimal blockage. The proposed works must ensure that existing levels are maintained, and works do not impede potential floodwaters.

All electrical equipment associated with the pool (including pool pumps) is to be waterproofed and/or located at or above the Flood Planning Level. All chemicals associated with the pool are to be stored at or above the Flood Planning Level.

This is in general accordance with *Pittwater Council DCP21* and *section 3.36 of NSW State Environmental Planning Policy 2017*.

The development is not envisaged to have a detrimental effect on neighboring properties.

We trust that this certificate meets with your requirements. Please contact the author if further clarification is required.

NORTHERN BEACHES CONSULTING ENGINEERS P/L

Michael Wachjo
Senior Engineer | Director | B.E.(Civil), MIEAust.
\\NBADS\Company\Synergy\Projects\210712 10 PALM ROAD, NEWPORT\ENG Design\210712 Flood Control Certificate 2021-08-12.doc

APPENDIX A - COUNCIL FLOOD INFORMATION

FLOOD INFORMATION REPORT – COMPREHENSIVE

Property: 10 Palm Road NEWPORT NSW 2106
Lot DP: Lot 12 DP 10529
Issue Date: 16/07/2021
Flood Study Reference: Newport Flood Study 2019, Catchment Simulation Solutions

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Flood Information for lot [1]:

Flood Risk Precinct – See Map A

Flood Planning Area – See Map A

Maximum Flood Planning Level (FPL) [2, 3, 4]: 6.05 m AHD

1% AEP Flood – See Flood Map B

1% AEP Maximum Water Level [2, 3]: 5.55 mAHD

1% AEP Maximum Depth from natural ground level[3]: 0.84 m

1% AEP Maximum Velocity: 2.90 m/s

1% AEP Hydraulic Categorisation: See Flood Map D

Probable Maximum Flood (PMF) – See Flood Map C

PMF Maximum Water Level [4]: 6.02 m AHD

PMF Maximum Depth from natural ground level: 1.78 m

PMF Maximum Velocity: 2.90 m/s

Flooding with Climate Change (See Flood Map E)

The following is for the 30% Rainfall intensity increase and 0.9m Sea Level Rise Scenario:

1% AEP Maximum Water Level with Climate change [3]: 5.64 m AHD

1% AEP Maximum Depth with Climate Change[3]: 0.93 m

Flood Life Hazard Category – See Map F

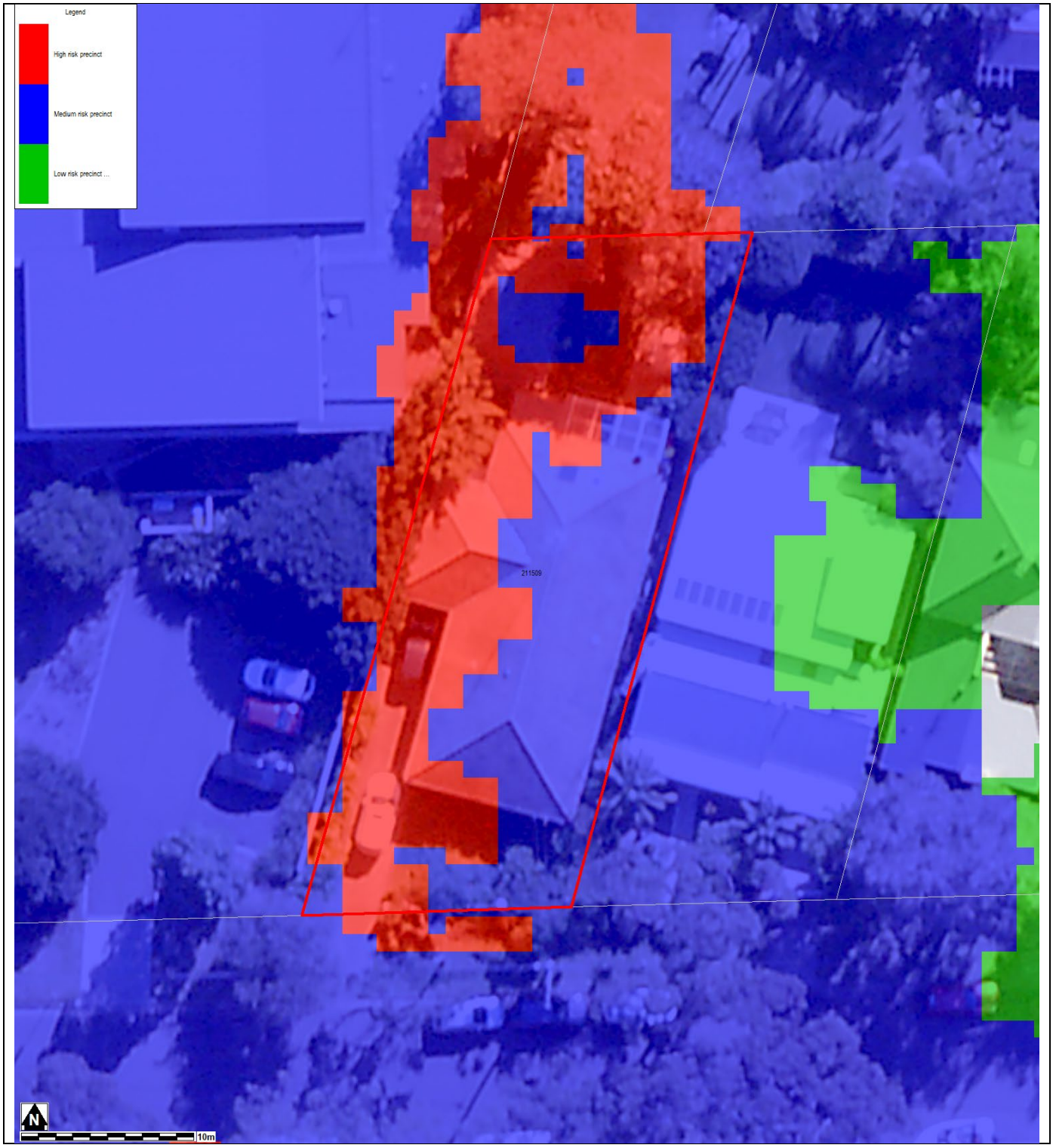
Indicative Ground Surface Spot Heights – See Map G

[1] The flood information does not take into account any local overland flow issues nor private stormwater drainage systems.
[2] Overland flow/mainstream water levels may vary across a sloping site, resulting in variable minimum floor/ flood planning levels across the site. The maximum Flood Planning Level may be in a different location to the maximum 1% AEP flood level.
[3] Intensification of development in the former Pittwater LGA requires the consideration of climate change impacts which may result in higher minimum floor levels.
[4] Vulnerable/critical developments require higher minimum floor levels using the higher of the PMF or FPL.

General Notes:

- All levels are based on Australian Height Datum (AHD) unless otherwise noted.
- This is currently the best available information on flooding; it may be subject to change in the future.
- Council recommends that you obtain a detailed survey of the above property and surrounds to AHD by a registered surveyor to determine any features that may influence the predicted extent or frequency of flooding. It is recommended you compare the flood level to the ground and floor levels to determine the level of risk the property may experience should flooding occur.
- Development approval is dependent on a range of issues, including compliance with all relevant provisions of Northern Beaches Council's Local Environmental Plans and Development Control Plans.
- Please note that the information contained within this letter is general advice only as a detail survey of the property as well as other information is not available. Council recommends that you engage a suitably experienced consultant to provide site specific flooding advice prior to making any decisions relating to the purchase or development of this property.
- The Flood Studies on which Council's flood information is based are available on Council's website.

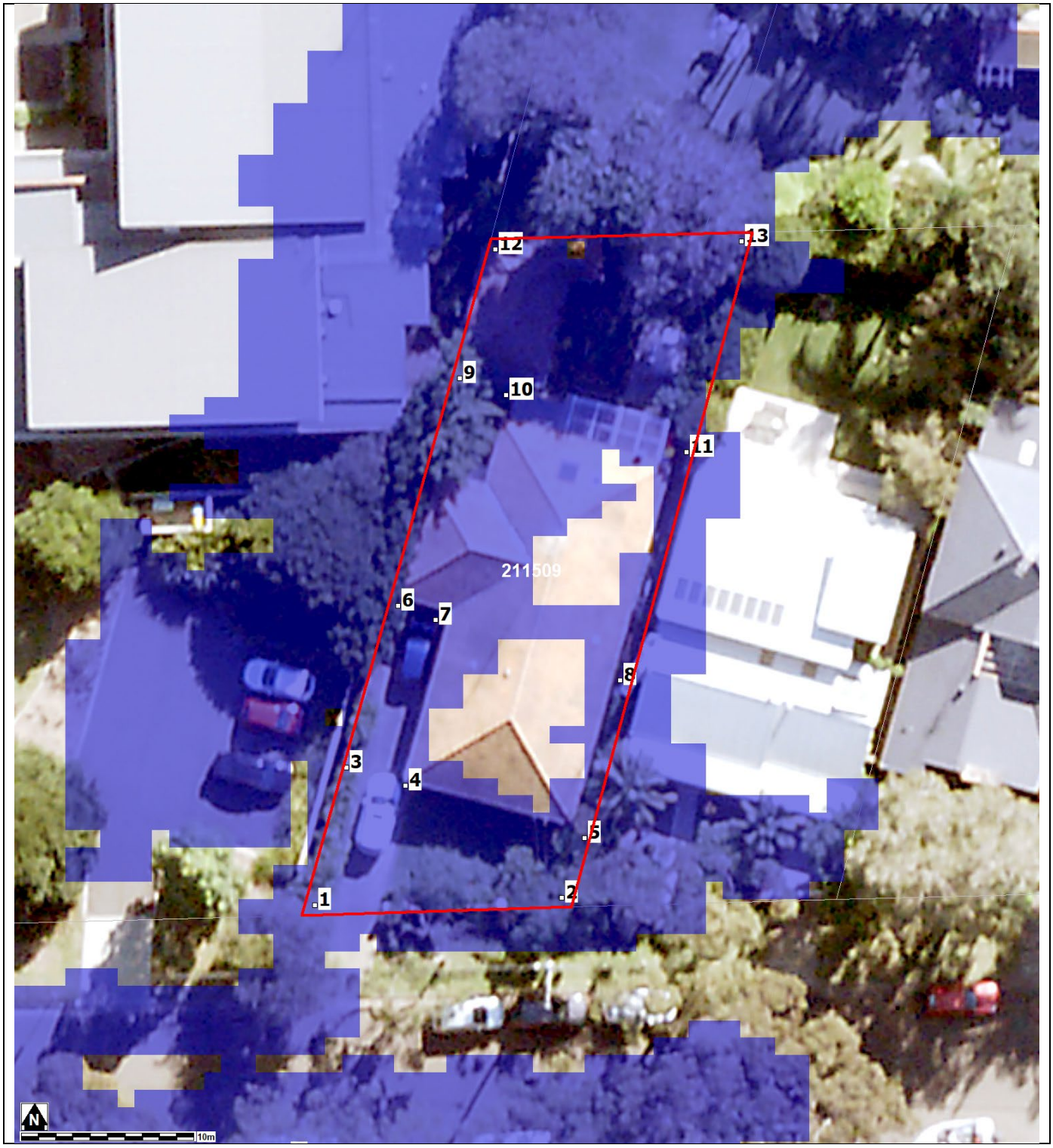
FLOOD MAP A: FLOOD RISK PRECINCT MAP



Notes:

- **Low Flood Risk precinct** means all flood prone land not identified within the High or Medium flood risk precincts.
- **Medium Flood Risk precinct** means all flood prone land that is (a) within the 1% AEP Flood Planning Area; and (b) is not within the high flood risk precinct.
- **High Flood Risk precinct** means all flood prone land (a) within the 1% AEP Flood Planning Area; and (b) is either subject to a high hydraulic hazard, within the floodway or subject to significant evacuation difficulties (H5 or H6 Life Hazard Classification).
- The **Flood Planning Area** extent is equivalent to the Medium Flood Risk Precinct extent, and includes the High Flood Risk Precinct within it. The mapped extent represents the 1% annual Exceedance Probability (AEP) flood event + freeboard.
- None of these mapped extents include climate change.

FLOOD LEVEL POINTS



Note: Cadastre Lines (Source: NSW Government Land and Property Information), flood levels/extents (Source: Newport Flood Study 2019, Catchment Simulation Solutions) and aerial photography (Source: NearMap 2014) are indicative only.

Flood Levels

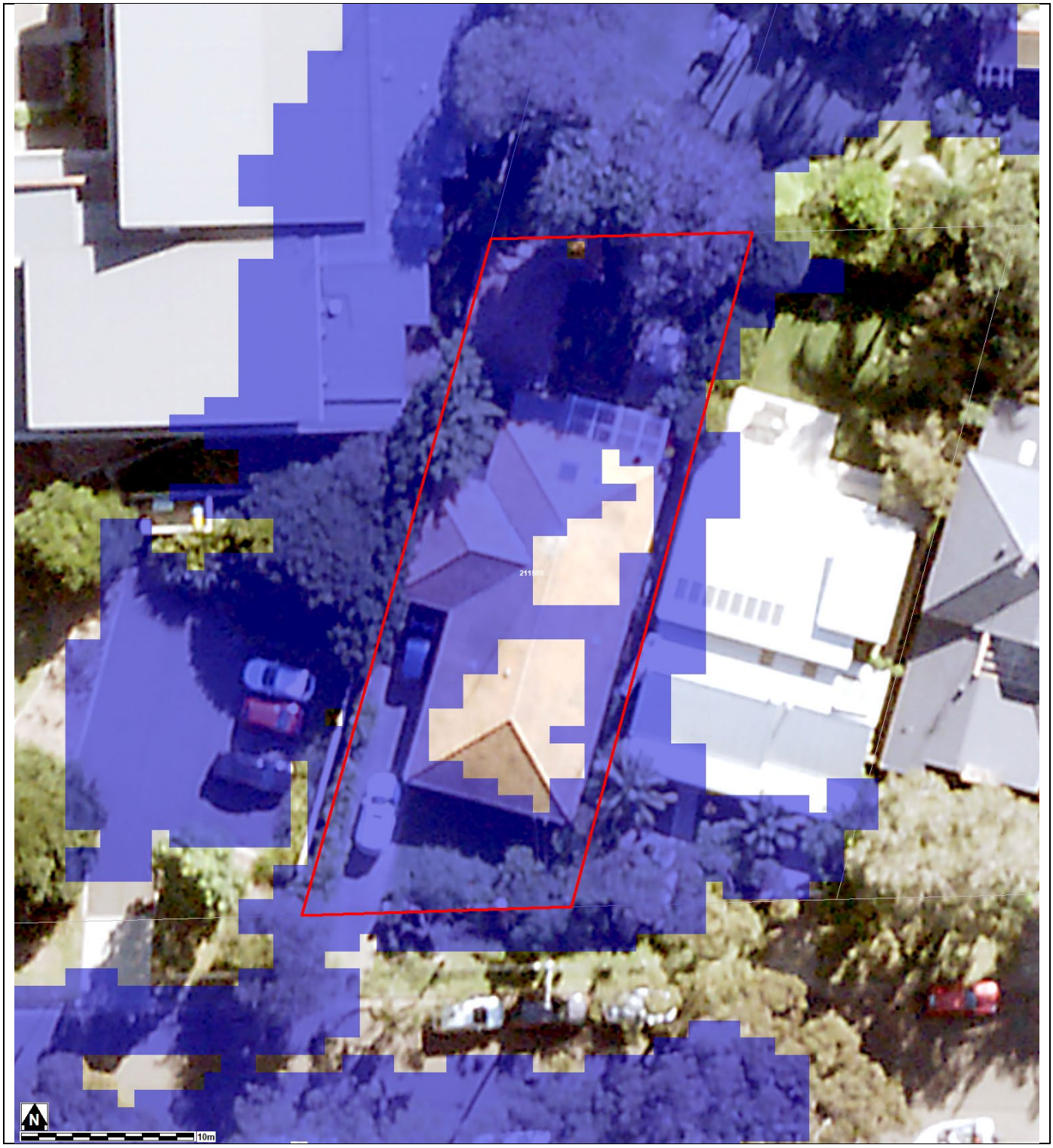
ID	5% AEP Max WL (m AHD)	5% AEP Max Depth (m)	1% AEP Max WL (m AHD)	1% AEP Max Depth (m)	1% AEP Max Velocity (m/s)	Flood Planning Level (m)	PMF Max WL (m AHD)	PMF Max Depth (m)	PMF Max Velocity (m/s)
1	5.40	0.19	5.44	0.23	0.46	5.94	5.94	0.73	0.96
2	5.46	0.20	5.54	0.28	0.78	6.04	5.97	0.71	1.05
3	5.33	0.23	5.39	0.29	0.88	5.89	5.92	0.82	2.13
4	5.32	0.34	5.37	0.39	2.12	5.87	5.93	0.95	2.05
5	5.44	0.27	5.53	0.36	0.34	6.03	5.97	0.80	0.49
6	5.08	0.32	5.21	0.45	1.40	5.71	5.93	1.17	1.39
7	5.08	0.37	5.20	0.49	2.22	5.70	5.93	1.22	2.24
8	5.15	0.30	5.21	0.35	1.18	5.71	5.97	1.11	1.02
9	5.02	0.72	5.14	0.84	0.47	5.64	5.94	1.63	0.47
10	5.02	0.71	5.14	0.83	0.55	5.64	5.94	1.63	0.66
11	4.86	0.27	4.92	0.33	0.74	5.42	5.98	1.39	0.67
12	4.75	0.51	4.83	0.60	1.16	5.33	5.97	1.74	1.36
13	4.62	0.19	4.66	0.23	0.49	5.16	6.01	1.58	0.69

Climate Change Flood Levels (30% Rainfall intensity and 0.9m Sea Level Rise)

ID	CC 1% AEP Max WL (m AHD)	CC1 % AEP Max Depth (m)
1	5.50	0.29
2	5.63	0.37
3	5.44	0.34
4	5.42	0.44
5	5.63	0.45
6	5.30	0.54
7	5.29	0.58
8	5.25	0.39
9	5.23	0.92
10	5.23	0.92
11	4.96	0.37
12	4.97	0.74
13	4.70	0.27

WL – Water Level
PMF – Probable Maximum Flood
N/A = no peak water level/depth/velocity available in flood event.

FLOOD MAP B: FLOODING - 1% AEP EXTENT



Notes:

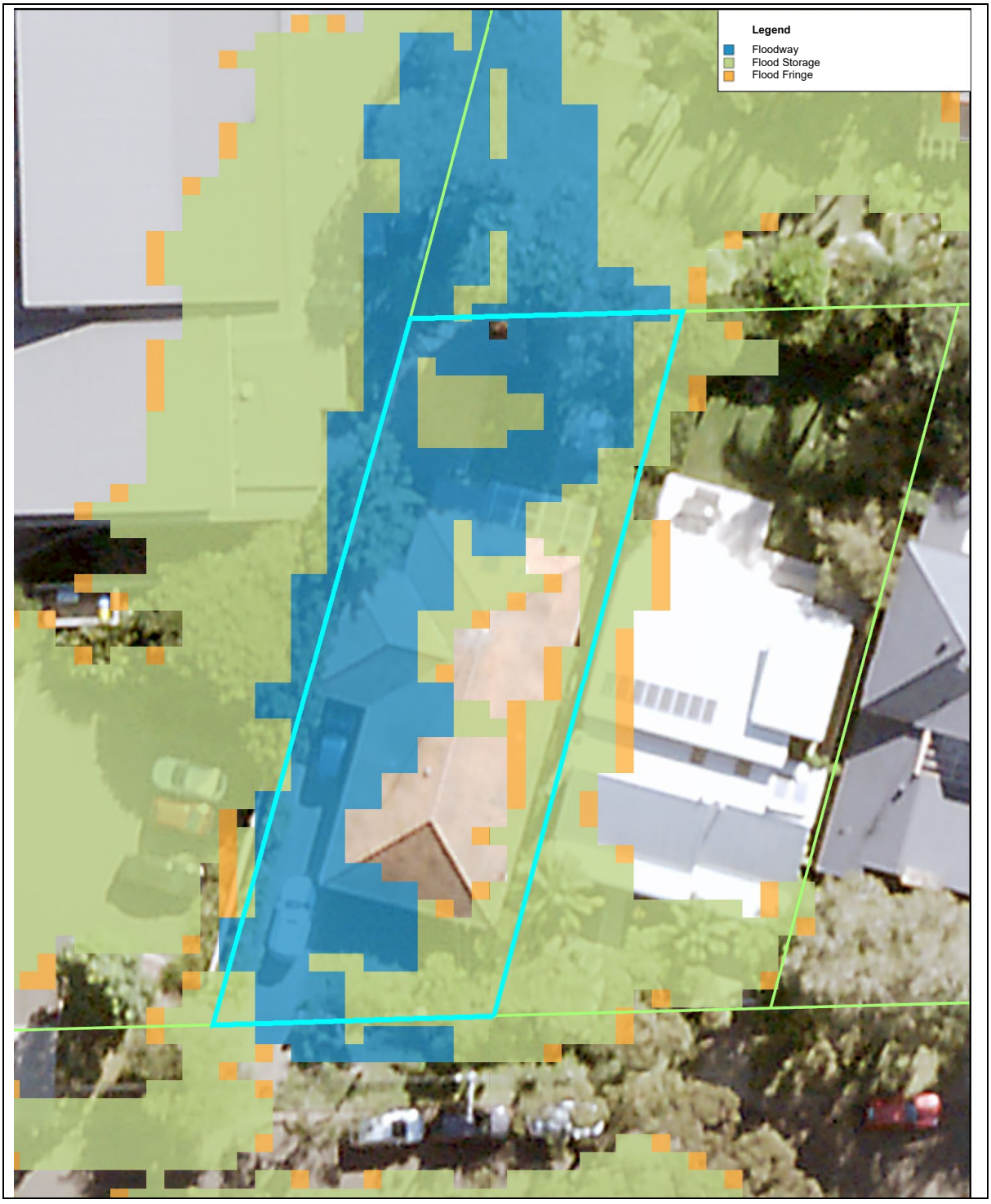
- Extent represents the 1% annual Exceedance Probability (AEP) flood event.
- Flood events exceeding the 1% AEP can occur on this site.
- Extent does not include climate change.
- Cadastre Lines (Source: NSW Government Land and Property Information), flood levels/extents (Source: Newport Flood Study 2019, Catchment Simulation Solutions) and aerial photography (Source Near Map 2014) are indicative only.

FLOOD MAP C: PMF EXTENT MAP

Notes:

- Extent represents the Probable Maximum Flood (PMF) flood event
- Extent does not include climate change
- Cadastre Lines (Source: NSW Government Land and Property Information), flood levels/extents (Source: Newport Flood Study 2019, Catchment Simulation Solutions) and aerial photography (Source: NearMap 2014) are indicative only

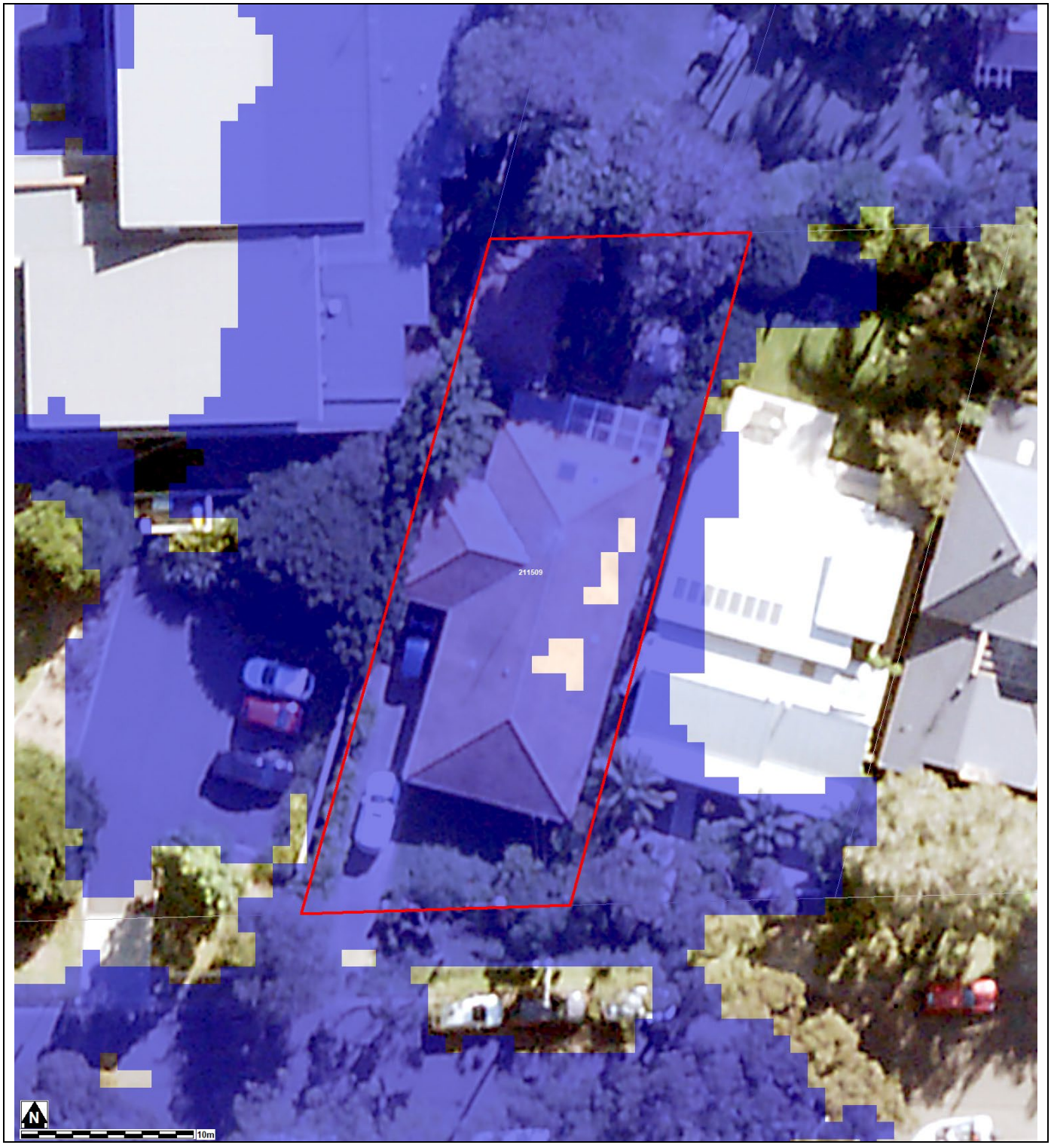
FLOOD MAP D: 1% AEP FLOOD HYDRAULIC CATEGORY EXTENT MAP



Notes:

- Extent represents the 1% annual Exceedance Probability (AEP) flood event
- Extent does not include climate change
- Cadastre Lines (Source: NSW Government Land and Property Information), flood levels/extents (Source: Newport Flood Study 2019, Catchment Simulation Solutions) and aerial photography (Source: NearMap 2014) are indicative only

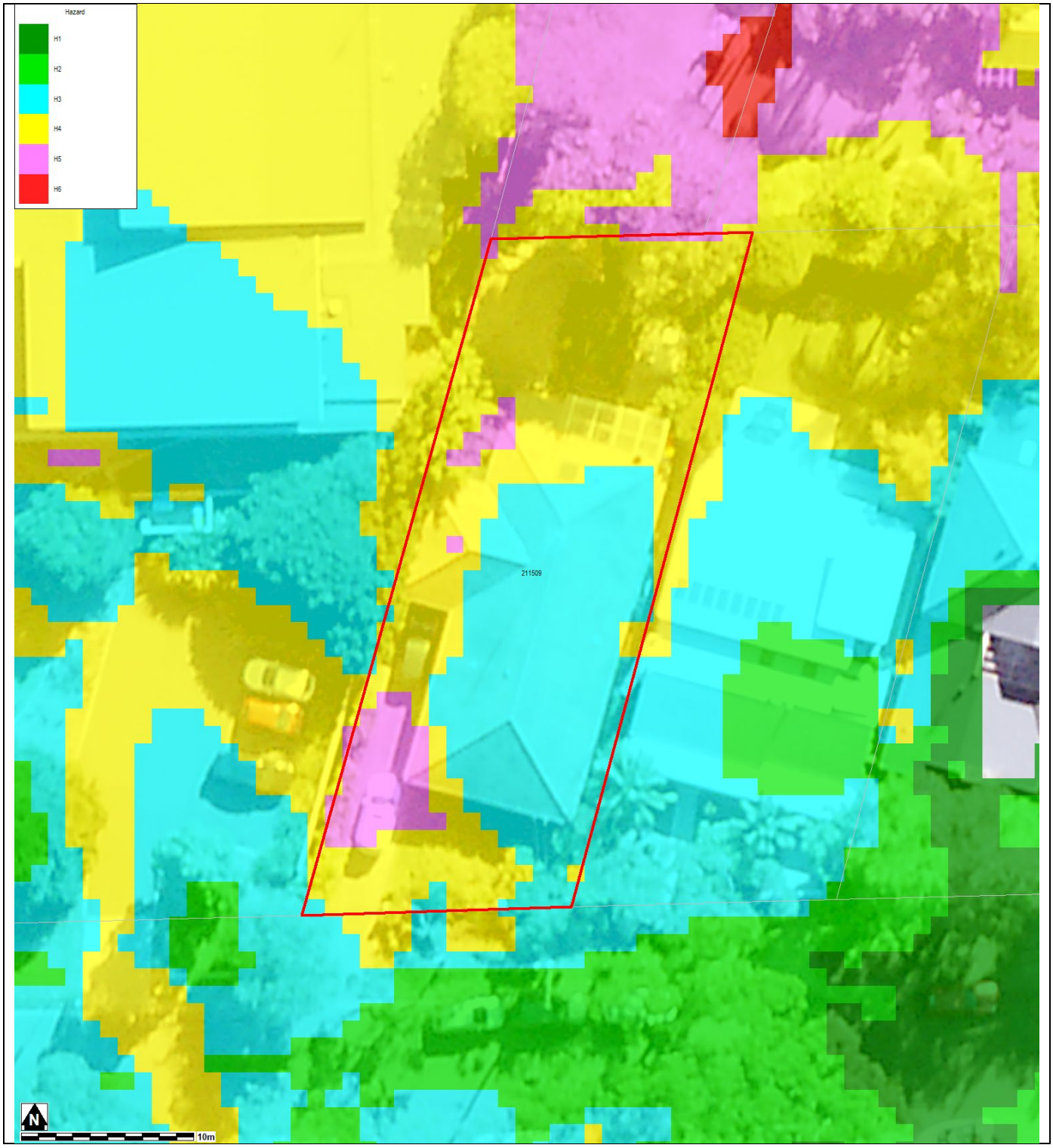
FLOOD MAP E: FLOODING – 1% AEP EXTENT PLUS CLIMATE CHANGE



Note:

- Extent represents the 1% annual Exceedance Probability (AEP) flood event including 30% rainfall intensity and 0.9m Sea Level Rise climate change scenario
- Flood events exceeding the 1% AEP can occur on this site.
- Cadastre Lines (Source: NSW Government Land and Property Information), flood levels/extents (Source: Newport Flood Study 2019, Catchment Simulation Solutions) and aerial photography (Source: NearMap 2014) are indicative only

FLOOD MAP F: FLOOD LIFE HAZARD CATEGORY



Notes:

- Cadastre Lines (Source: NSW Government Land and Property Information), flood levels/extents (Source: Newport Flood Study 2019, Catchment Simulation Solutions) and aerial photography (Source Near Map 2014) are indicative only.

MAP G: INDICATIVE GROUND SURFACE SPOT HEIGHTS

Notes:

- The surface spot heights shown on this map were derived from Airborne Laser Survey and are indicative only.
- Accuracy is generally within ± 0.2m vertically and ± 0.15m horizontally, and Northern Beaches Council does not warrant that the data does not contain errors.
- If accuracy is required, then survey should be undertaken by a registered surveyor.

Preparation of a Flood Management Report

Introduction

These guidelines are intended to provide advice to applicants on how to determine what rules apply on flood prone land, and how to prepare a Flood Management Report. The purpose of a Flood Management Report is to demonstrate how a proposed development will comply with flood related planning requirements.

Planning Requirements for Flood Prone Land

Development must comply with the requirements for developing flood prone land set out in the relevant Local Environment Plan (LEP) and Development Control Plan (DCP). There are separate LEPs and DCPs for each of the former Local Government Areas (LGAs), although preparation of a LGA-wide LEP and DCP is currently under way.

The clauses specific to flooding in the LEPs and DCPs are as follows:

LEP Clauses	DCP Clauses
Manly LEP (2013) – 6.3 Flood Planning	Manly DCP (2013) – 5.4.3 Flood Prone Land
Warringah LEP (2011) – 6.3 Flood Planning Warringah LEP (2000) – 47 Flood Affected Land *	Warringah DCP (2011) – E11 Flood Prone Land
Pittwater LEP (2014) – 7.3 Flood Planning Pittwater LEP (2014) – 7.4 Flood Risk Management	Pittwater 21 DCP (2014) – B3.11 Flood Prone Land Pittwater 21 DCP (2014) – B3.12 Climate Change

* The Warringah LEP (2000) is relevant only for the “deferred lands” which affects only a very small number of properties, mostly in the Oxford Falls area.

Development on flood prone land must also comply with Council’s Water Management for Development Policy, and if it is in the Warriewood Release Area, with the Warriewood Valley Water Management Specification. Guidelines for Flood Emergency Response Planning are available for addressing emergency response requirements in the DCP. These documents can be found on Council’s website on the Flooding page.

Note that if the property is affected by estuarine flooding or other coastal issues, these need to be addressed separately under the relevant DCP clauses.

When is a Flood Management Report required?

A Flood Management Report must be submitted with any Development Application on flood prone land (with exceptions noted below), for Council to consider the potential flood impacts and applicable controls. For Residential or Commercial development, it is required for development on land identified within the Medium or High Flood Risk Precinct. For Vulnerable or Critical development, it is required if it is within any Flood Risk Precinct.

There are some circumstances where a formal Flood Management Report undertaken by a professional engineer may not be required. However the relevant parts of the DCP and LEP would still need to be addressed, so as to demonstrate compliance. Examples where this may apply include:

- If all proposed works are located outside the relevant Flood Risk Precinct extent
- First floor addition only, where the floor level is above the Probable Maximum Flood level
- Internal works only, where habitable floor areas below the FPL are not being increased

Note that development on flood prone land will still be assessed for compliance with the relevant DCP and LEP, and may still be subject to flood related development controls.

What is the purpose of a Flood Management Report?

The purpose of a Flood Management Report is to demonstrate how a proposed development will comply with flood planning requirements, particularly the development controls outlined in the relevant LEP and DCP clauses. The report must detail the design, measures and controls needed to achieve compliance, following the steps outlined below.

A Flood Management Report should reflect the size, type and location of the development, proportionate to the scope of the works proposed, and considering its relationship to surrounding development. The report should also assess the flood risk to life and property.

Preparation of a Flood Management Report

The technical requirements for a Flood Management Report include (where relevant):

1. Description of development
   - Outline of the proposed development, with plans if necessary for clarity
   - Use of the building, hours of operation, proposed traffic usage or movement
   - Type of use, eg vulnerable, critical, residential, business, industrial, subdivision, etc

2. Flood analysis
   - 1% AEP flood level
   - Flood Planning Level (FPL)
   - Probable Maximum Flood (PMF) level
   - Flood Risk Precinct, ie High, Medium or Low
   - Flood Life Hazard Category
   - Mapping of relevant extents
   - Flood characteristics for the site, eg depth, velocity, hazard and hydraulic category, and the relevance to the proposed development

   If the property is affected by an Estuarine Planning Level (EPL) which is higher than the FPL, then the EPL should be used as the FPL. If the FPL is higher than the PMF level, then the FPL should still be used as the FPL, as it includes freeboard which the PMF does not.

3. Assessment of impacts

- Summary of compliance for each category of the DCP, as per the table below.

	Compliance		
	N/A	Yes	No
A) Flood effects caused by Development			
B) Building Components & Structural Soundness			
C) Floor Levels			
D) Car parking			
E) Emergency Response			
F) Fencing			
G) Storage of Goods			
H) Pools			

- Demonstration of how the development complies with any relevant flood planning requirements from the DCP, LEP, Water Management for Development Policy, and if it is in the Warriewood Valley Urban Land Release Area, with the Warriewood Valley Water Management Specification (2001)

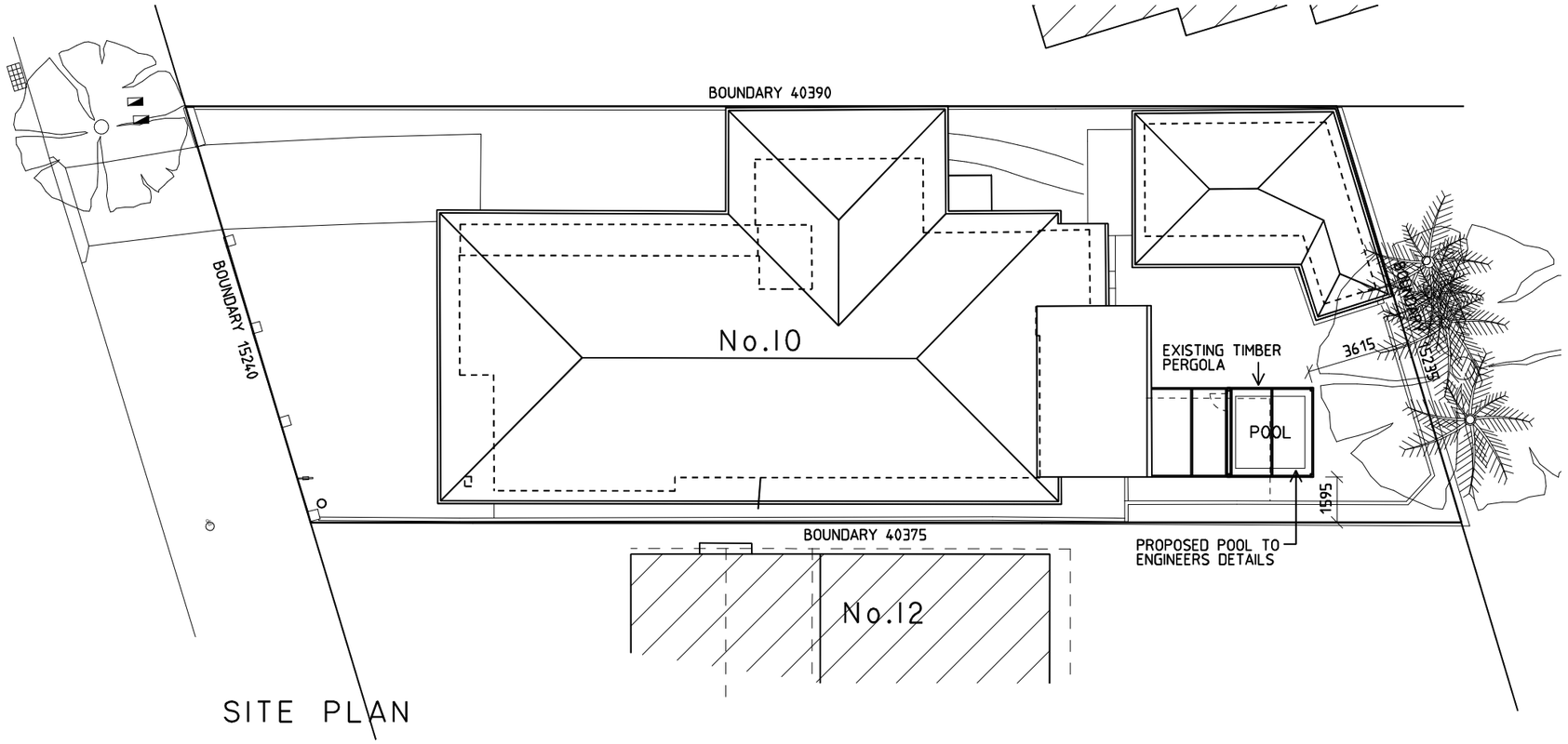
- For any non-compliance, a justification for why the development should still be considered.
- Calculations of available flood storage if compensatory flood storage is proposed
- Plan of the proposed development site showing the predicted 1% AEP and PMF flood extents, as well as any high hazard or floodway affectation
- Development recommendations and construction methodologies
- Qualifications of author - Council requires that the Flood Management Report be prepared by a suitably qualified Engineer with experience in flood design / management who has, or is eligible for, membership to the Institution of Engineers Australia
- Any flood advice provided by Council
- Any other details which may be relevant

Further information and guidelines for development are available on Council's website at:

https://www.northernbeaches.nsw.gov.au/planning-and-development/building-and-renovations/development-applications/guidelines-development-flood-prone-land

Council's Flood Team may be contacted on 1300 434 434 or at floodplain@northernbeaches.nsw.gov.au .

APPENDIX B - ARCHITECTURAL PLANS



SITE PLAN

NO.	DESCRIPTION	DATE

■ NOTES
- DRAWINGS MADE TO A LARGER SCALE AND THOSE SHOWING PARTICULAR DETAIL OF WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO A SMALLER SCALE AND FOR MORE GENERAL PURPOSES
- USE FIGURED DIMENSION IN PREFERENCE TO SCALED
- ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON SITE
- BEFORE CARRYING OUT ANY WORK ENSURE THAT THE DRAWINGS USED CARRY THE LATEST AMENDMENT No.

PROJECT
PROPOSED SWIMMING POOL
10 PALM ROAD
NEWPORT NSW 2106
FOR DARREN AND JACKIE PATON

DRAWING TITLE SITE PLAN

JOB NUMBER

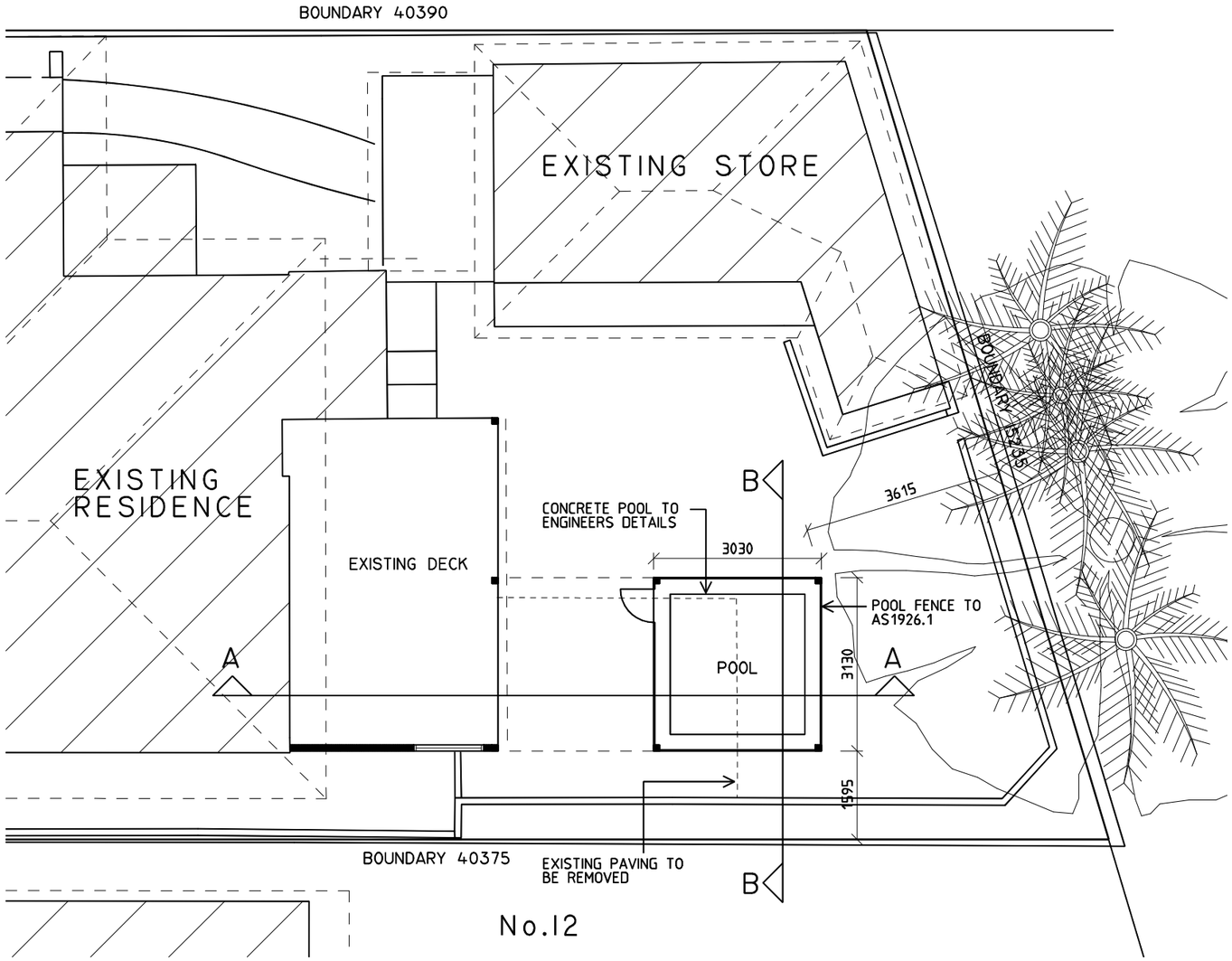
SCALE ON A3 1:200

DATE 12-07-21

CHECKED

DRWG. NUMBER DA-01

AMENDMENT NO.



NO.	DESCRIPTION	DATE

NOTES
- DRAWINGS MADE TO A LARGER SCALE AND THOSE SHOWING PARTICULAR DETAIL OF WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO A SMALLER SCALE AND FOR MORE GENERAL PURPOSES
- USE FIGURED DIMENSION IN PREFERENCE TO SCALED
- ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON SITE
- BEFORE CARRYING OUT ANY WORK ENSURE THAT THE DRAWINGS USED CARRY THE LATEST AMENDMENT No.

N

PROJECT
PROPOSED SWIMMING POOL
10 PALM ROAD
NEWPORT NSW 2106
FOR DARREN AND JACKIE PATON

DRAWING TITLE FLOOR PLAN

JOB NUMBER

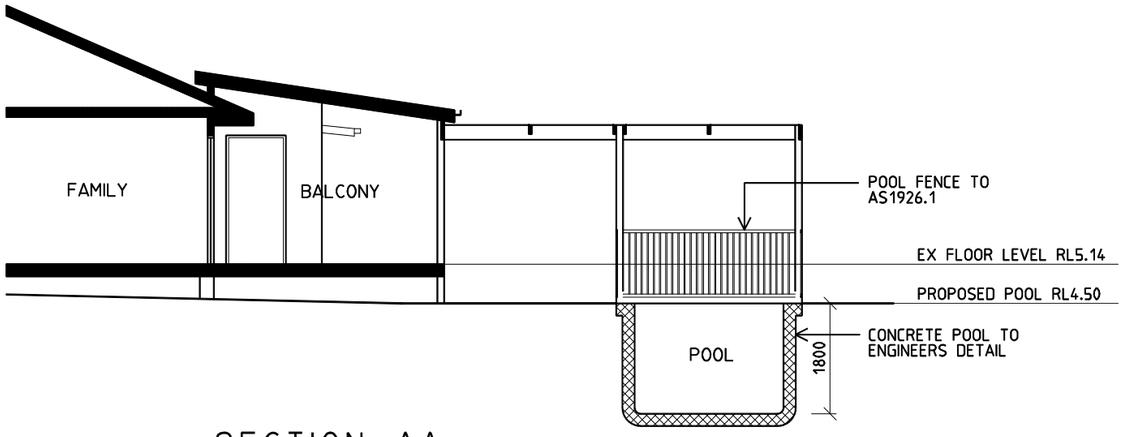
SCALE ON A3 1:100

DATE 12-07-21

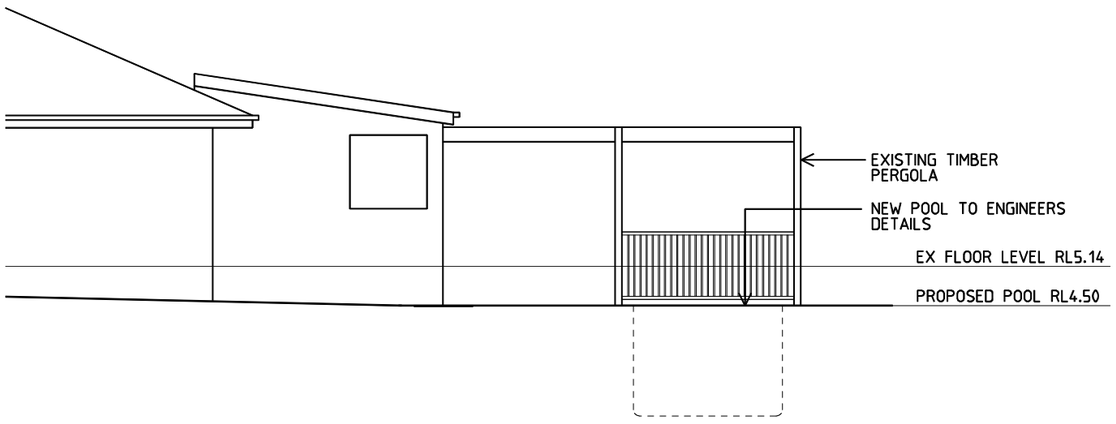
CHECKED

DRWG. NUMBER DA-02

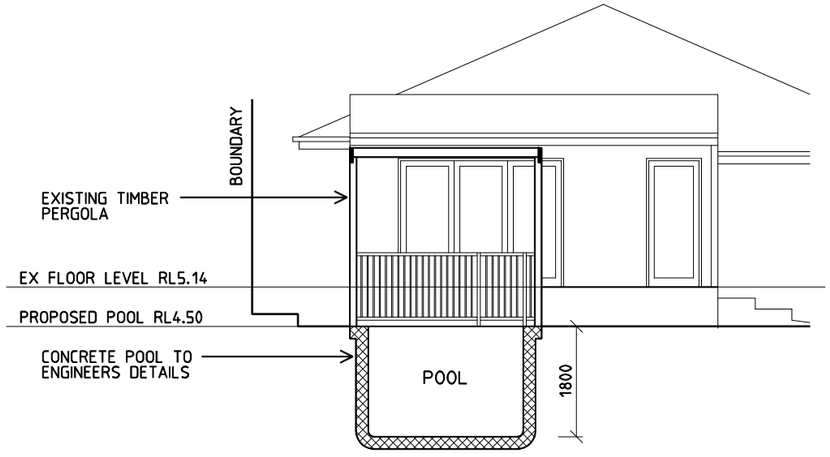
AMENDMENT NO.



SECTION AA



SOUTH ELEVATION



EAST ELEVATION
SECTION BB

NO.	DESCRIPTION	DATE

■ NOTES
- DRAWINGS MADE TO A LARGER SCALE AND THOSE SHOWING PARTICULAR DETAIL OF WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO A SMALLER SCALE AND FOR MORE GENERAL PURPOSES
- USE FIGURED DIMENSION IN PREFERENCE TO SCALED
- ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON SITE
- BEFORE CARRYING OUT ANY WORK ENSURE THAT THE DRAWINGS USED CARRY THE LATEST AMENDMENT No.

■

■

PROJECT
PROPOSED SWIMMING POOL
10 PALM ROAD
NEWPORT NSW 2106
FOR DARREN AND JACKIE PATON

DRAWING TITLE
ELEVATIONS AND SECTIONS

JOB NUMBER

SCALE ON A3 1:100

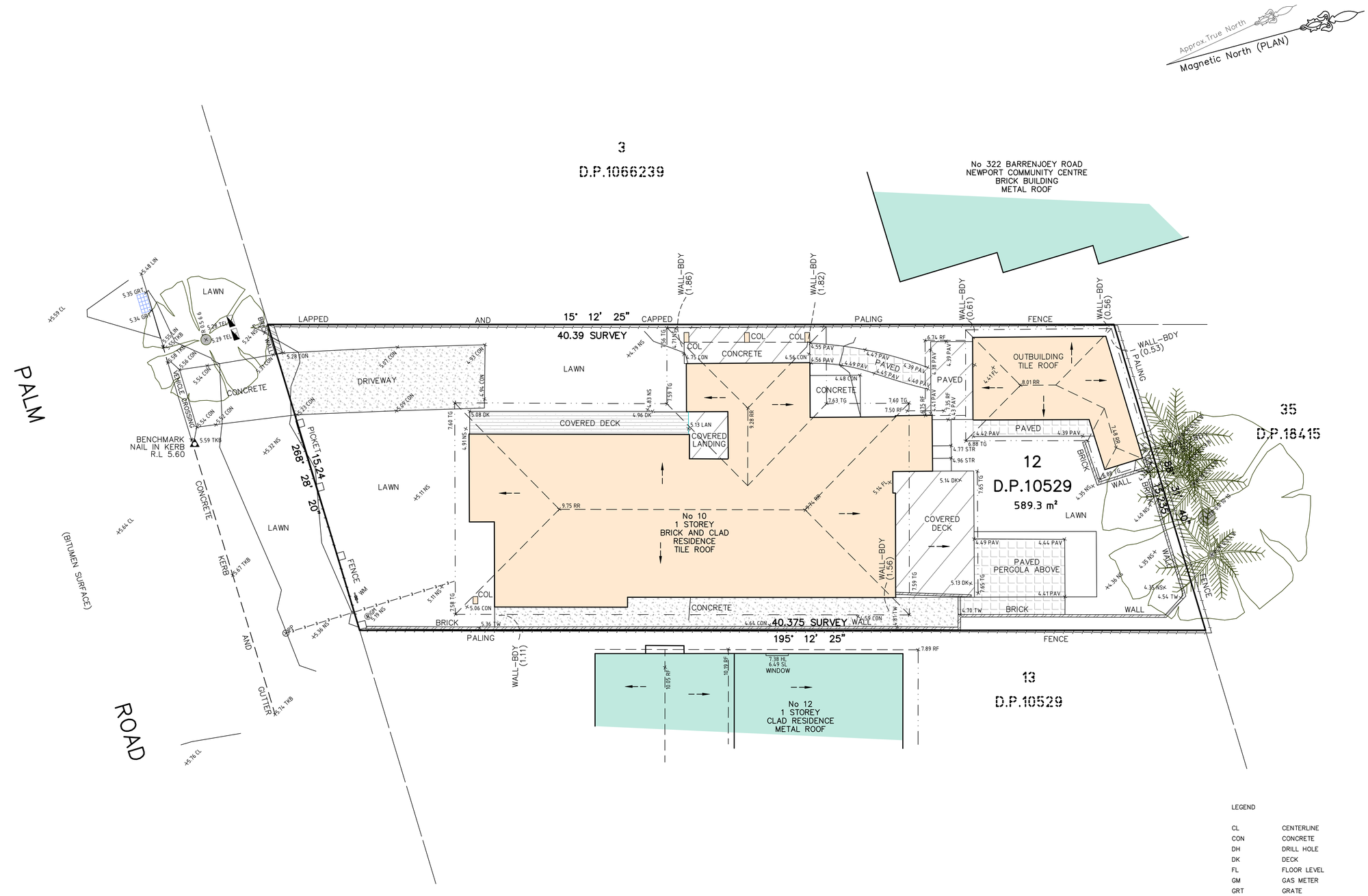
DATE 12-07-21

CHECKED

DRWG. NUMBER
SK-03

AMENDMENT NO.

APPENDIX C - SURVEY



TITLE INDICATES THAT LOT 12 IN D.P.10529 IS SUBJECT TO:
– RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S).

0 1 2 3 4 5 6 7 8 9 10
SCALE 1:100

LEGEND

CL	CENTERLINE
CON	CONCRETE
DH	DRILL HOLE
DK	DECK
FL	FLOOR LEVEL
GM	GAS METER
GRT	GRATE
HL	HOOD LEVEL
LAN	LANDING
LIN	LINTEL
NS	NATURAL SURFACE
PAV	PAVING
PLM	TREE PALM DIA SPREAD HEIGHT
PP	POWER POLE NETWORK
RF	ROOF
RR	ROOF RIDGE
SL	SILL LEVEL
STR	STAIRS
TEL	TELSTRA
TG	TOP OF GUTTER
TKB	TOP OF KERB
TR	TREE DIA SPREAD HEIGHT
TW	TOP OF WALL
WM	WATER METER

A	FIRST ISSUE	20/06/21

- AS REQUIRED BY NORTHERN BEACHES COUNCIL, BOUNDARIES SHOWN HEREON HAVE BEEN DEFINED/IDENTIFIED BY FIELD SURVEY. OFFSETS FROM STRUCTURES TO BOUNDARY SHOULD NOT BE USED FOR CONSTRUCTION SETOUT.

- IF CONSTRUCTION ON OR NEAR BOUNDARIES IS UNDERTAKEN THE BOUNDARIES OF THE LAND SHOULD BE MARKED OR THE WORKS SETOUT BY A REGISTERED SURVEYOR.

- TREE SIZES ARE ESTIMATES ONLY.
- THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF JACQUELINE MARY PATON
- RELATIONSHIP OF IMPROVEMENTS TO BOUNDARIES IS DIAGRAMMATIC ONLY. WHERE OFFSETS ARE CRITICAL THEY SHOULD BE CONFIRMED BY FURTHER SURVEY.
- EXCEPT WHERE SHOWN BY DIMENSION LOCATION OF DETAIL WITH RESPECT TO BOUNDARIES IS INDICATIVE ONLY.
- ONLY VISIBLE SERVICES HAVE BEEN LOCATED. UNDERGROUND SERVICES HAVE NOT BEEN LOCATED. DIAL BEFORE YOU DIG SERVICES (ph 1100) SHOULD BE USED AND A FULL UTILITY INVESTIGATION, INCLUDING A UTILITY LOCATION SURVEY, SHOULD BE UNDERTAKEN BEFORE CARRYING OUT ANY CONSTRUCTION ACTIVITY IN OR NEAR THE SURVEYED AREA.
- CRITICAL SPOT LEVELS SHOULD BE CONFIRMED WITH SURVEYOR.
- THIS PLAN IS ONLY TO BE USED FOR THE PURPOSE OF DESIGNING NEW CONSTRUCTIONS.
- CONTOURS SHOWN DEPICT THE TOPOGRAPHY. EXCEPT AT SPOT LEVELS SHOWN, THEY DO NOT REPRESENT THE EXACT LEVEL AT ANY PARTICULAR POINT. ONLY SPOT LEVELS SHOULD BE USED FOR CALCULATIONS OF QUANTITIES WITH CAUTION.
- CONTOUR INTERVAL – 0.5 metre. – SPOT LEVELS SHOULD BE ADOPTED.
- POSITION OF RIDGE LINES ARE DIAGRAMMATIC ONLY (NOT TO SCALE).
- THE INFORMATION IS ONLY TO BE USED AT A SCALE ACCURACY OF 1:100.
- DO NOT SCALE OFF THIS PLAN / FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED READINGS.
- IF ACCURATE TRUE NORTH IS REQUIRED A FURTHER SURVEY WOULD BE NECESSARY.
- COPYRIGHT WATERVIEW SURVEYING SERVICES
- NO PART OF THIS SURVEY MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF THE COPYRIGHT OWNER EXCEPT AS PERMITTED BY THE COPYRIGHT ACT 1968.
- ANY PERMITTED DOWNLOADING, ELECTRONIC STORAGE, DISPLAY, PRINT, COPY OR REPRODUCTION OF THIS SURVEY SHOULD CONTAIN NO ALTERATION OR ADDITION TO THE ORIGINAL SURVEY.
- THIS NOTICE MUST NOT BE ERASED.

MICHAEL K JOYCE
REGISTERED SURVEYOR I.D 8268

Waterview SURVEYING SERVICES
1A Mona Street Mona Vale NSW 2103
ACN 610 583 572
michael@wvsurveying.com.au
0474 843 180

Vertical Datum

DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. PM 6895
R.L. 5.886
SOURCE: S.C.I.M.S. 11/6/2021

Client Details: JACQUELINE MARY PATON
10 PALM ROAD
NEWPORT NSW 2106

Drawing Title: DETAIL AND LEVELS OVER
10 PALM ROAD
NEWPORT NSW 2106
BEING LOT 12 IN DP.10529

PROJECT: 1361	PAGE 1 OF 1
Date of survey 11/06/2021	Drawing No. 1361detail 1
Scale 1:100 @ A1	Rev. A