

DEVELOPMENT APPLICATION ASSESSMENT REPORT

Application Number:	DA2021/2597
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Responsible Officer:	Nick England
Land to be developed (Address):	Lot 6 DP 736961, 10 Fern Creek Road WARRIEWOOD NSW 2102
Proposed Development:	Construction of a dwelling house on Proposed Lot 3
Zoning:	R3 Medium Density Residential
Development Permissible:	Yes
Existing Use Rights:	No
Consent Authority:	Northern Beaches Council
Land and Environment Court Action:	No
Owner:	Pic 10 Warriewood Pty Ltd
Applicant:	Creative Planning Solutions Pty Ltd

Application Lodged:	16/02/2022
Integrated Development:	No
Designated Development:	No
State Reporting Category:	Residential - Single new detached dwelling
Notified:	25/02/2022 to 11/03/2022
Advertised:	Not Advertised
Submissions Received:	0
Clause 4.6 Variation:	Nil
Recommendation:	Deferred Commencement Approval

Estimated Cost of Works:	\$ 493,330.00
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PROPOSED DEVELOPMENT IN DETAIL

The application consists of the construction of a dwelling house on approved Lot 3 in the community title subdivision at No.10 Fern Creek Road, Warriewood.

Additional information was received by Council in regards to concerns of the landscape officer in regards to the retention of existing vegetation. This consisted of amended architectural plans and landscaped plans received on 8 June 2022. It was considered the amendments were of a less environmental impact and did not require renotification in accordance with the Northern Beaches Community Participation Plan.

ASSESSMENT INTRODUCTION

The application has been assessed in accordance with the requirements of the Environmental Planning

and Assessment Act 1979 and the associated Regulations. In this regard:

- An assessment report and recommendation has been prepared (the subject of this report) taking into account all relevant provisions of the Environmental Planning and Assessment Act 1979, and the associated regulations;
- A site inspection was conducted and consideration has been given to the impacts of the development upon the subject site and adjoining, surrounding and nearby properties;
- Notification to adjoining and surrounding properties, advertisement (where required) and referral to relevant internal and external bodies in accordance with the Act, Regulations and relevant Development Control Plan;
- A review and consideration of all submissions made by the public and community interest groups in relation to the application;
- A review and consideration of all documentation provided with the application (up to the time of determination);
- A review and consideration of all referral comments provided by the relevant Council Officers, State Government Authorities/Agencies and Federal Government Authorities/Agencies on the proposal.

SUMMARY OF ASSESSMENT ISSUES

Pittwater Local Environmental Plan 2014 - 6.1 Warriewood Valley Release Area

Pittwater Local Environmental Plan 2014 - 7.2 Earthworks

Pittwater Local Environmental Plan 2014 - 7.10 Essential services

Pittwater 21 Development Control Plan - D16.7 Side and rear building lines

SITE DESCRIPTION

Property Description:	Lot 6 DP 736961 , 10 Fern Creek Road WARRIEWOOD NSW 2102
Detailed Site Description:	<p>The subject site is legally described as Lot 6 in Deposited Plan 736961 with a surveyed area of 10,233m² and is located on the eastern side of Fern Creek Road. Specifically, the proposal is located on approved allotment No.3 in an approved community title subdivision on the subject land, which is yet to be legally created.</p> <p>Lot No.3 has an approved / surveyed area of 378.1m² and is accessed from Fern Creek Road on its south-west frontage to the west.</p> <p>The site is located within the R3 Medium Density Residential zone and is currently vacant, with the exception of the constructed access roads and associated services infrastructure.</p> <p>The part of the site subject to the proposed dwelling site is relatively flat with no significant vegetation. A services easement, 1m in width, is located on the north boundary, for the purposes of stormwater management.</p> <p>Adjoining and surrounding development is characterised by</p>

vacant land to the north, south and east. To the west is detached dwelling houses.

Map:



SITE HISTORY

The land has been used for commercial (agricultural) purposes for an extended period of time. A search of Council's records has revealed the following relevant history:

N0540/15: Development consent (via a Section 34 agreement in the NSW Land and Environment Court) granted for "The creation of a twenty (20) lot community title subdivision and construction of associated infrastructure and access roads" on 20 June 2016. The subject application relates to approved Lot No.6 of this consent.

N0460/16: Construction of a residential flat building, comprising thirteen (13) dwellings, on a yet to be created lot (Lot 21)

MOD2018/0073: S4.55 Modification of consent N0460/16 for the construction of a residential flat building comprising thirteen (13) dwellings on a yet to be created lot (Lot 21).

MOD2018/0376: S4.55 Modification of consent N0540/15 granted for a twenty (20) lot community title subdivision and construction of associated infrastructure and access roads.

ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979 (EPAA)

The relevant matters for consideration under the Environmental Planning and Assessment Act, 1979, are:

Section 4.15 Matters for Consideration	Comments
Section 4.15 (1) (a)(i) – Provisions of any environmental planning instrument	See discussion on "Environmental Planning Instruments" in this report.
Section 4.15 (1) (a)(ii) – Provisions of any	There are no current draft environmental planning

Section 4.15 Matters for Consideration	Comments
draft environmental planning instrument	instruments.
Section 4.15 (1) (a)(iii) – Provisions of any development control plan	Pittwater 21 Development Control Plan applies to this proposal.
Section 4.15 (1) (a)(iia) – Provisions of any planning agreement	None applicable.
Section 4.15 (1) (a)(iv) – Provisions of the Environmental Planning and Assessment Regulation 2000 (EP&A Regulation 2000)	<p><u>Division 8A</u> of the EP&A Regulation 2000 requires the consent authority to consider "Prescribed conditions" of development consent. These matters have been addressed via a condition of consent.</p> <p><u>Clause 50(1A)</u> of the EP&A Regulation 2000 requires the submission of a design verification certificate from the building designer at lodgement of the development application. This clause is not relevant to this application.</p> <p><u>Clauses 54 and 109</u> of the EP&A Regulation 2000 allow Council to request additional information. Additional information was requested in relation to landscape open space / arborist report.</p> <p><u>Clause 92</u> of the EP&A Regulation 2000 requires the consent authority to consider AS 2601 - 1991: The Demolition of Structures. This clause is not relevant to this application.</p> <p><u>Clauses 93 and/or 94</u> of the EP&A Regulation 2000 requires the consent authority to consider the upgrading of a building (including fire safety upgrade of development). This clause is not relevant to this application.</p> <p><u>Clause 98</u> of the EP&A Regulation 2000 requires the consent authority to consider insurance requirements under the Home Building Act 1989. This matter has been addressed via a condition of consent.</p> <p><u>Clause 98</u> of the EP&A Regulation 2000 requires the consent authority to consider the provisions of the Building Code of Australia (BCA). This matter has been addressed via a condition of consent.</p> <p><u>Clause 143A</u> of the EP&A Regulation 2000 requires the submission of a design verification certificate from the building designer prior to the issue of a Construction Certificate. This clause is not relevant to this application.</p>
Section 4.15 (1) (b) – the likely impacts of the development, including environmental	(i) Environmental Impact The environmental impacts of the proposed

Section 4.15 Matters for Consideration	Comments
impacts on the natural and built environment and social and economic impacts in the locality	development on the natural and built environment are addressed under the Pittwater 21 Development Control Plan section in this report. (ii) Social Impact The proposed development will not have a detrimental social impact in the locality considering the character of the proposal. (iii) Economic Impact The proposed development will not have a detrimental economic impact on the locality considering the nature of the existing and proposed land use.
Section 4.15 (1) (c) – the suitability of the site for the development	The site is considered suitable for the proposed development.
Section 4.15 (1) (d) – any submissions made in accordance with the EPA Act or EPA Regs	See discussion on “Notification & Submissions Received” in this report.
Section 4.15 (1) (e) – the public interest	No matters have arisen in this assessment that would justify the refusal of the application in the public interest.

EXISTING USE RIGHTS

Existing Use Rights are not applicable to this application.

BUSHFIRE PRONE LAND

The site is not classified as bush fire prone land.

NOTIFICATION & SUBMISSIONS RECEIVED

The subject development application has been publicly exhibited from 25/02/2022 to 11/03/2022 in accordance with the Environmental Planning and Assessment Act 1979, Environmental Planning and Assessment Regulation 2000 and the Community Participation Plan.

As a result of the public exhibition of the application Council received no submissions.

REFERRALS

Internal Referral Body	Comments
Environmental Health (unsewered lands)	General Comments This development is connected directly to Sydney Water sewer and does not require further investigation regarding unsewered lands.
Landscape Officer	The development application is for the construction of a dwelling house and associated site and landscape works upon Lot 3. Council’s Landscape Referral staff have assessed the proposal against the following Pittwater 21 DCP Controls (but not limited to):

Internal Referral Body	Comments
	<ul style="list-style-type: none"> • B4.22 Preservation of Trees and Bushland Vegetation • C1.1 Landscaping • D16 Warriewood Valley Locality, and in particular D16.5 Landscaped Area for Newly Created Individual Allotments, and D16.12 Fences <p><i>Updated comments 15.06.2022:</i> Amended Architectural Plans and Amended Landscape Plans are submitted and co-ordinated. No additional or addendum Arboricultural Impact Statement is submitted and hence the recommendations of the Arboricultural Impact Statement shall be supported as reported, and the Amended Architectural Plans and Amended Landscape Plans include the retention of the existing Lemon Scented Gum identified as tree number 14. Tree number 16 - Angophora costata is required for removal as determined in the Arboricultural Impact Statement.</p> <p>The Amended Landscape Plans address the previous concerns, and subject to conditions of consent Landscape Referral raise no objections.</p> <p><i>Previous comments 29.04.2022:</i> The property within the lot boundaries contains two existing native trees identified in the Arboricultural Impact Statement, tree 14 Lemon Scented Gum identified for retention and protection, and tree number 16 Sydney Red Gum identified for removal. Existing tree number 15 within the adjoining Lot 2 is proposed for retention and shall be protected.</p> <p>Existing street trees are present within the road verge of Fern Creek Road as well any other road verge street tree within the development, and all shall be protected and not impacted by construction activities including deliveries, and protection is subject to conditions of consent.</p> <p>The Architectural Plans and the Landscape Plan do not include the retention of tree number 14 Lemon Scented Gum, and the layout of the external landscape including excavation, stormwater and retaining walling may impact the retention of this tree. Arboricultural review is required to provide a definitive position, as the Arboricultural Impact Assessment recommended retention and protection of tree 14, and as such co-ordinated plans and reports are required.</p> <p>The Architectural Plans include fencing and walling to the development front setback and this shall be removed. Under DCP control D16.12 Fences, the front setback between public and private land shall be delineated by vegetation, such as low hedges, garden beds or the like, and fencing is not permitted forward of the front building line to ensure an appropriate front setback landscape amenity to the streetscape.</p> <p>A Landscape Plan is submitted proposing landscape works to enhance the landscape setting of the lot development and no concerns are raised, with the exception of the intent to either incorporate the existing Lemon Scented Gum into the external design</p>

Internal Referral Body	Comments
	layout as recommended for retention in the Arboricultural Impact Assessment or otherwise.
NECC (Development Engineering)	<p>1/3/2022: The development application is for the construction of a dwelling house and associated site and landscape works upon Lot 3.</p> <p>Stormwater The submitted stormwater plans have been reviewed. The inter allotment drainage easement should be free of any structures including raingarden.</p> <p>Geotech An excavation of nearly 2.3m is proposed on the south-western portion of the building. Geotechnical assessment by Nepean Geotechnics, Report No. R22009.03.Rev0, Dated 7th Feb 2022 with form 1 and 1a is provided.</p>
NECC (Water Management)	<p>This application has been assessed against relevant legislation and policy relating to water management, waterways, riparian areas, and groundwater.</p> <p>No objection to the application, subject to conditions.</p>

External Referral Body	Comments
Ausgrid: (SEPP Infra.)	The proposal was referred to Ausgrid who provided a response stating no objection, nor any recommended conditions of consent.

ENVIRONMENTAL PLANNING INSTRUMENTS (EPIS)*

All, Environmental Planning Instruments (SEPPs, REPs and LEPs), Development Controls Plans and Council Policies have been considered in the merit assessment of this application.

In this regard, whilst all provisions of each Environmental Planning Instruments (SEPPs, REPs and LEPs), Development Controls Plans and Council Policies have been considered in the assessment, many provisions contained within the document are not relevant or are enacting, definitions and operational provisions which the proposal is considered to be acceptable against.

As such, an assessment is provided against the controls relevant to the merit consideration of the application hereunder.

State Environmental Planning Policies (SEPPs) and State Regional Environmental Plans (SREPs)

SEPP 55 - Remediation of Land

The application was lodged prior to the commencement of State Environmental Planning Policy (Resilience and Hazards) 2021 and hence the provisions of the previous SEPP No.55 apply.

Clause 7 (1) (a) of SEPP 55 requires the Consent Authority to consider whether land is contaminated. Council records indicate that the subject site has been used for commercial purposes (agriculture) for a significant period of time with no prior land uses. An investigation of the subject site in this regard was undertaken during the assessment of the application for the community title subdivision and no adverse

risk of contamination was likely in the context of future residential development. In this regard it is considered that the site poses no risk of contamination and therefore, no further consideration is required under Clause 7 (1) (b) and (c) of SEPP 55 and the land is considered to be suitable for the proposed residential land use.

SEPP (Building Sustainability Index: BASIX) 2004

A BASIX certificate has been submitted with the application (see Certificate No.1266847S dated 10 December 2021).

The BASIX Certificate indicates that the development will achieve the following:

Commitment	Required Target	Proposed
Water	40	41
Thermal Comfort	Pass	Pass
Energy	50	52

A condition has been included in the recommendation of this report requiring compliance with the commitments indicated in the BASIX Certificate.

SEPP (Infrastructure) 2007

Ausgrid

Clause 45 of the SEPP requires the Consent Authority to consider any development application (or an application for modification of consent) for any development carried out:

- within or immediately adjacent to an easement for electricity purposes (whether or not the electricity infrastructure exists).
- immediately adjacent to an electricity substation.
- within 5.0m of an overhead power line.
- includes installation of a swimming pool any part of which is: within 30m of a structure supporting an overhead electricity transmission line and/or within 5.0m of an overhead electricity power line.

Comment: The proposal was referred to Ausgrid who raised no objections.

Pittwater Local Environmental Plan 2014

Is the development permissible?	Yes
After consideration of the merits of the proposal, is the development consistent with:	
aims of the LEP?	Yes
zone objectives of the LEP?	Yes

Principal Development Standards

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Standard	Requirement	Proposed	% Variation	Complies
Height of Buildings:	10.5m	6.3m	N/A	Yes

Compliance Assessment

Clause	Compliance with Requirements
1.9A Suspension of covenants, agreements and instruments	Yes
4.3 Height of buildings	Yes
5.21 Flood planning	Yes
6.1 Warriewood Valley Release Area	Yes
7.1 Acid sulfate soils	Yes
7.2 Earthworks	Yes
7.10 Essential services	Yes

Detailed Assessment

6.1 Warriewood Valley Release Area

The subject allotment is located in Sector 901A, of which the applicable standard is not more than 190 dwellings or less than 154 dwellings. The proposed dwelling is located on an approved allotment under consent no N0540/15, which was consistent with this standard at the time of the consent. Whilst this allotment has yet to be legally created, the application will not be inconsistent with this standard.

7.2 Earthworks

The objective of Clause 6.2 - 'Earthworks' requires development to ensure that earthworks for which development consent is required will not have a detrimental impact on environmental functions and processes, neighbouring uses, cultural or heritage items or features of the surrounding land.

In this regard, before granting development consent for earthworks, Council must consider the following matters:

(a) the likely disruption of, or any detrimental effect on, existing drainage patterns and soil stability in the locality of the development

Comment: The proposal is unlikely to unreasonably disrupt existing drainage patterns and soil stability in the locality.

(b) the effect of the proposed development on the likely future use or redevelopment of the land

Comment: The proposal will not unreasonably limit the likely future use or redevelopment of the land.

(c) the quality of the fill or the soil to be excavated, or both

Comment: The excavated material will be processed according to the Waste Management Plan for the development.

(d) the effect of the proposed development on the existing and likely amenity of adjoining properties

Comment: The proposed earthworks will not result in unreasonable amenity impacts on adjoining properties. Conditions have been included in the recommendation of this report to limit impacts during excavation/construction.

(e) the source of any fill material and the destination of any excavated material

Comment: The excavated material will be processed according to the Waste Management Plan for the development.

(f) the likelihood of disturbing relics

Comment: The site is not mapped as being a potential location of Aboriginal or other relics.

(g) the proximity to, and potential for adverse impacts on, any waterway, drinking water catchment or environmentally sensitive area

Comment: The site is not located in the vicinity of any watercourse, drinking water catchment or environmentally sensitive areas.

(h) any appropriate measures proposed to avoid, minimise or mitigate the impacts of the development.

Comment: Conditions are included in the recommendation of this report that will minimise the impacts of the development.

(i) the proximity to and potential for adverse impacts on any heritage item, archaeological site or heritage conservation area.

Comment: The site is not a heritage item, in the vicinity of a heritage item or in a conservation area or archaeological site.

Having regard to the above assessment, it is concluded that the proposed development is consistent with the aims and objectives of PLEP 2014, Pittwater 21 DCP and the objectives specified in s.5(a)(i) and (ii) of the Environmental Planning and Assessment Act, 1979. Accordingly, this assessment finds that the proposal is supported, in this particular circumstance.

7.10 Essential services

Under this clause, development consent must not be granted to development unless the consent authority is satisfied that any of the following services that are essential for the development are available or that adequate arrangements have been made to make them available when required:

- (a) the supply of water,*
- (b) the supply of electricity,*
- (c) the disposal and management of sewage,*
- (d) stormwater drainage or on-site conservation,*
- (e) suitable vehicular access.*

Comment: Sufficient services infrastructure has been provided to the subject land, consistent with the existing consent for the community title subdivision.

Pittwater 21 Development Control Plan

Built Form Controls

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Built Form Control	Requirement	Proposed	% Variation*	Complies
Front building line	1.5m (garage)	5.5m	N/A	Yes
	3m (dwelling)	4.5m	N/A	Yes
Rear building line	4m (ground floor)	3m	25%	No
	6m (upper floor)	6m	N/A	Yes
Side building line	0.9m (ground floor)	1.5 - 3.2m	N/A	Yes
	1.5m (upper floor)	1.5 - 3.2m	N/A	Yes
Spatial Separation	N/A	N/A	N/A	N/A
Landscaped area	45%	48%	N/A	Yes

Compliance Assessment

Clause	Compliance with Requirements	Consistency with Aims/Objectives
A1.7 Considerations before consent is granted	Yes	Yes
A4.16 Warriewood Valley Locality	Yes	Yes
B1.4 Aboriginal Heritage Significance	Yes	Yes
B3.11 Flood Prone Land	Yes	Yes
B4.5 Landscape and Flora and Fauna Enhancement Category 3 Land	Yes	Yes
B5.15 Stormwater	Yes	Yes
B6.3 Off-Street Vehicle Parking Requirements	Yes	Yes
B8.1 Construction and Demolition - Excavation and Landfill	Yes	Yes
B8.3 Construction and Demolition - Waste Minimisation	Yes	Yes
B8.4 Construction and Demolition - Site Fencing and Security	Yes	Yes
C1.3 View Sharing	Yes	Yes
C1.12 Waste and Recycling Facilities	Yes	Yes
C1.13 Pollution Control	Yes	Yes
C1.23 Eaves	Yes	Yes
C6.2 Natural Environment and Landscaping Principles	Yes	Yes
C6.3 Ecologically Sustainable Development, Safety and Social Inclusion	Yes	Yes
C6.5 Utilities, Services and Infrastructure Provision	Yes	Yes
D16.1 Character as viewed from a public place	Yes	Yes
D16.5 Landscaped Area for Newly Created Individual Allotments	Yes	Yes
D16.6 Front building lines	Yes	Yes
D16.7 Side and rear building lines	No	Yes
D16.9 Solar access	Yes	Yes
D16.10 Private and Communal Open Space Areas	Yes	Yes
D16.11 Form of construction including retaining walls, terracing and undercroft areas	Yes	Yes
D16.12 Fences	Yes	Yes

Clause	Compliance with Requirements	Consistency Aims/Objectives
D16.13 Building colours and materials	Yes	Yes

Detailed Assessment

D16.7 Side and rear building lines

Description of the Non-Compliance

Part of the ground floor is located at 3m from the rear boundary, which is a 25% variation with the 4m minimum.

Consideration of the Outcomes of the control

A consideration of the proposed variation against the Outcomes of the control is provided below:

To achieve the desired future character of the Locality.

Comment: The proposed non-compliance is located to the rear of the property and will not be readily visible from Fern Creek Road. Hence, this Outcome is achieved.

The area of site disturbance is minimised and soft surface is maximised.

Comment: There is sufficient landscaped open space provided around the site to meet this objective.

The bulk and scale of the built form is minimised and the impact of the proposed development on the adjoining properties is minimised.

Comment: The non-compliance relates to the ground floor, which when viewed from a similar level will be obscured by boundary fencing and landscaping. The extent of the variation is also largely a result of the unusual shape of the allotment, with the north-eastern rear boundary extending on two sides. Whilst 3m at its closest point, the ground floor is also 7m at its furthest point. Hence, a reasonable bulk and scale is maintained and the development will still meet this Outcome.

To create meaningful breaks between adjoining buildings and regular rhythm of built form, particularly with regard to the built forms presentation to public places.

Comment: Based on the circumstances described above, the bulk and scale of the proposed built form will be consistent other approved (as yet unbuilt) dwellings in the vicinity of the site. The proposal is hence consistent with this Outcome.

To create usable curtilage areas around buildings for viable access, landscaping and open space.

Comment: Adequate areas of landscaped open space is provided around the site to meet this objective.

Equitable preservation of views and vistas to and/or from public/private places.

Comment: The proposed non-compliance will not result in any adverse loss of views from adjoining properties.

Vegetation and natural features of the site is retained and enhanced within the development site design

to screen the visual impact of the built form.

Comment: No existing significant vegetation and natural features will be removed as a result of the proposed non-compliance.

To ensure a reasonable level of privacy, amenity and solar access is provided within the development site and maintained to neighbouring properties.

Comment: There is unlikely to be any adverse amenity impact on adjoining properties in regard to privacy, visual impact and solar access as a result of the proposed non-compliance.

In summary, despite the non-compliance the proposed development is able to meet the Outcomes of the control and strict compliance with the standard is not considered necessary.

THREATENED SPECIES, POPULATIONS OR ECOLOGICAL COMMUNITIES

The proposal will not significantly affect threatened species, populations or ecological communities, or their habitats.

CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN

The proposal is consistent with the principles of Crime Prevention Through Environmental Design.

CONCLUSION

The site has been inspected and the application assessed having regard to all documentation submitted by the applicant and the provisions of:

- Environmental Planning and Assessment Act 1979;
- Environmental Planning and Assessment Regulation 2000;
- All relevant and draft Environmental Planning Instruments;
- Pittwater Local Environment Plan;
- Pittwater Development Control Plan; and
- Codes and Policies of Council.

This assessment has taken into consideration the submitted plans, Statement of Environmental Effects, all other documentation supporting the application and public submissions, and does not result in any unreasonable impacts on surrounding, adjoining, adjacent and nearby properties subject to the conditions contained within the recommendation.

In consideration of the proposal and the merit consideration of the development, the proposal is considered to be:

- Consistent with the objectives of the DCP
- Consistent with the zone objectives of the LEP
- Consistent with the aims of the LEP
- Consistent with the objectives of the relevant EPIs
- Consistent with the objects of the Environmental Planning and Assessment Act 1979

It is considered that the proposed development satisfies the appropriate controls and that all processes and assessments have been satisfactorily addressed.

RECOMMENDATION

DEFERRED COMMENCEMENT APPROVAL

A. THAT Council as the consent authority grant a Deferred Commencement Development Consent being subject to a two (2) year time frame for Deferred Commencement Consents detailed within Section 95 of the EP&A Regulation 2000 to DA2021/2597 for Construction of a dwelling house on Proposed Lot 3 on land at Lot 6 DP 736961, 10 Fern Creek Road, WARRIEWOOD, subject to the conditions printed below:

B. THAT once the matters detailed within the Deferred Commencement Development Consent conditions are satisfactorily addressed then an operational development consent be issued subject to the time frames detailed within Part A of this recommendation.

DEFERRED COMMENCEMENT CONDITIONS

1. Creation of Lot 3

The issue of a Subdivision Certificate to demonstrate that the land subject to the approved dwelling (Lot No.3) has been legally created.

Evidence required to satisfy the deferred commencement condition/s must be submitted to Council within two (2) years of the date of this consent, or the consent will lapse in accordance with Section 95 of the Environmental Planning and Assessment Regulation 2000. This evidence is to be submitted along with a completed 'Deferred Commencement Document Review Form' (available on Council's website) and the application fee, as per Council's Schedule of Fees and Charges.

Upon satisfaction of the deferred commencement condition/s, the following conditions apply:

DEVELOPMENT CONSENT OPERATIONAL CONDITIONS

2. Approved Plans and Supporting Documentation

The development must be carried out in compliance (except as amended by any other condition of consent) with the following:

a) Approved Plans

Architectural Plans - Endorsed with Council's stamp		
Drawing No.	Dated	Prepared By
DA010 Revision C	27 May 2022	PTI Architecture
DA020 Revision C	27 May 2022	PTI Architecture
DA120 Revision C	27 May 2022	PTI Architecture
DA130 Revision C	27 May 2022	PTI Architecture
DA140 Revision C	27 May 2022	PTI Architecture
DA200 Revision C	27 May 2022	PTI Architecture
DA210 Revision C	27 May 2022	PTI Architecture

DA300 Revision C	27 May 2022	PTI Architecture
DA700 Revision C	27 May 2022	PTI Architecture

Reports / Documentation – All recommendations and requirements contained within:		
Report Title / No.	Dated	Prepared By
BASIX Certificate 1266847S	10 December 2021	Outsource Ideas
Geotechnical Investigation R22009.03.Rev0	7 February 2022	Nepean Geotechnics
Arborcultural Impact Assessment Report	17 June 2021	Urban Arbor

b) Any plans and / or documentation submitted to satisfy the Deferred Commencement Conditions of this consent as approved in writing by Council.

c) Any plans and / or documentation submitted to satisfy the Conditions of this consent.

d) The development is to be undertaken generally in accordance with the following:

Landscape Plans		
Drawing No.	Dated	Prepared By
002 Issue B	25 May 2022	Site Image
102 Issue B	25 May 2022	Site Image
302 Issue B	25 May 2022	Site Image
402 Issue B	25 May 2022	Site Image
502 Issue B	25 May 2022	Site Image

Waste Management Plan		
Drawing No/Title.	Dated	Prepared By
Operational Waste Management Plan	December 2021	Waste Audit and Consultancy Services
-	-	CPS Planning

In the event of any inconsistency between conditions of this consent and the drawings/documents referred to above, the conditions of this consent will prevail.

Reason: To ensure the work is carried out in accordance with the determination of Council and approved plans.

3. Prescribed Conditions

- (a) All building works must be carried out in accordance with the requirements of the Building Code of Australia (BCA).
- (b) BASIX affected development must comply with the schedule of BASIX commitments specified within the submitted BASIX Certificate (demonstrated compliance upon plans/specifications is required prior to the issue of the Construction Certificate);
- (c) A sign must be erected in a prominent position on any site on which building work, subdivision work or demolition work is being carried out:

- (i) showing the name, address and telephone number of the Principal Certifying Authority for the work, and
- (ii) showing the name of the principal contractor (if any) for any building work and a telephone number on which that person may be contacted outside working hours, and
- (iii) stating that unauthorised entry to the work site is prohibited.

Any such sign is to be maintained while the building work, subdivision work or demolition work is being carried out, but must be removed when the work has been completed.

- (d) Residential building work within the meaning of the Home Building Act 1989 must not be carried out unless the Principal Certifying Authority for the development to which the work relates (not being the Council) has given the Council written notice of the following information:
 - (i) in the case of work for which a principal contractor is required to be appointed:
 - A. the name and licence number of the principal contractor, and
 - B. the name of the insurer by which the work is insured under Part 6 of that Act,
 - (ii) in the case of work to be done by an owner-builder:
 - A. the name of the owner-builder, and
 - B. if the owner-builder is required to hold an owner-builder permit under that Act, the number of the owner-builder permit.

If arrangements for doing the residential building work are changed while the work is in progress so that the information notified under becomes out of date, further work must not be carried out unless the Principal Certifying Authority for the development to which the work relates (not being the Council) has given the Council written notice of the updated information.

- (e) Development that involves an excavation that extends below the level of the base of the footings of a building on adjoining land, the person having the benefit of the development consent must, at the person's own expense:
 - (i) protect and support the adjoining premises from possible damage from the excavation, and
 - (ii) where necessary, underpin the adjoining premises to prevent any such damage.
 - (iii) must, at least 7 days before excavating below the level of the base of the footings of a building on an adjoining allotment of land, give notice of intention to do so to the owner of the adjoining allotment of land and furnish particulars of the excavation to the owner of the building being erected or demolished.
 - (iv) the owner of the adjoining allotment of land is not liable for any part of the cost of work carried out for the purposes of this clause, whether carried out on the allotment of land being excavated or on the adjoining allotment of land.

In this clause, allotment of land includes a public road and any other public place.

Reason: Legislative requirement.

4. **General Requirements**

- (a) Unless authorised by Council:
Building construction and delivery of material hours are restricted to:

- 7.00 am to 5.00 pm inclusive Monday to Friday,
- 8.00 am to 1.00 pm inclusive on Saturday,
- No work on Sundays and Public Holidays.

Demolition and excavation works are restricted to:

- 8.00 am to 5.00 pm Monday to Friday only.

(Excavation work includes the use of any excavation machinery and the use of jackhammers, rock breakers, excavators, loaders and the like, regardless of whether the activities disturb or alter the natural state of the existing ground stratum or are breaking up/removing materials from the site).

- (b) Should any asbestos be uncovered on site, its demolition and removal must be carried out in accordance with WorkCover requirements and the relevant Australian Standards.
- (c) At all times after the submission the Notice of Commencement to Council, a copy of the Development Consent and Construction Certificate is to remain onsite at all times until the issue of a final Occupation Certificate. The consent shall be available for perusal of any Authorised Officer.
- (d) Where demolition works have been completed and new construction works have not commenced within 4 weeks of the completion of the demolition works that area affected by the demolition works shall be fully stabilised and the site must be maintained in a safe and clean state until such time as new construction works commence.
- (e) Onsite toilet facilities (being either connected to the sewer or an accredited sewer management facility) for workers are to be provided for construction sites at a rate of 1 per 20 persons.
- (f) Prior to the release of the Construction Certificate, payment of the Long Service Levy is required. This payment can be made at Council or to the Long Services Payments Corporation. Payment is not required where the value of the works is less than \$25,000. The Long Service Levy is calculated on 0.35% of the building and construction work. The levy rate and level in which it applies is subject to legislative change. The applicable fee at the time of payment of the Long Service Levy will apply.
- (g) The applicant shall bear the cost of all works associated with the development that occurs on Council's property.
- (h) No skip bins, building materials, demolition or excavation waste of any nature, and no hoist, plant or machinery (crane, concrete pump or lift) shall be placed on Council's footpaths, roadways, parks or grass verges without Council Approval.
- (i) Demolition materials and builders' wastes are to be removed to approved waste/recycling centres.
- (j) No trees or native shrubs or understorey vegetation on public property (footpaths, roads, reserves, etc.) or on the land to be developed shall be removed or damaged during construction unless specifically approved in this consent including for the erection of any fences, hoardings or other temporary works.
- (k) Prior to the commencement of any development onsite for:
 - i) Building/s that are to be erected
 - ii) Building/s that are situated in the immediate vicinity of a public place and is dangerous to persons or property on or in the public place
 - iii) Building/s that are to be demolished

- iv) For any work/s that is to be carried out
- v) For any work/s that is to be demolished

The person responsible for the development site is to erect or install on or around the development area such temporary structures or appliances (wholly within the development site) as are necessary to protect persons or property and to prevent unauthorised access to the site in order for the land or premises to be maintained in a safe or healthy condition. Upon completion of the development, such temporary structures or appliances are to be removed within 7 days.

- (l) A "Road Opening Permit" must be obtained from Council, and all appropriate charges paid, prior to commencement of any work on Council property. The owner/applicant shall be responsible for all public utilities and services in the area of the work, shall notify all relevant Authorities, and bear all costs associated with any repairs and/or adjustments as those Authorities may deem necessary.
- (m) The works must comply with the relevant Ausgrid Network Standards and SafeWork NSW Codes of Practice.
- (n) Requirements for new swimming pools/spas or existing swimming pools/spas affected by building works.
 - (1) Child resistant fencing is to be provided to any swimming pool or lockable cover to any spa containing water and is to be consistent with the following;

Relevant legislative requirements and relevant Australian Standards (including but not limited) to:

- (i) Swimming Pools Act 1992
 - (ii) Swimming Pools Amendment Act 2009
 - (iii) Swimming Pools Regulation 2018
 - (iv) Australian Standard AS1926 Swimming Pool Safety
 - (v) Australian Standard AS1926.1 Part 1: Safety barriers for swimming pools
 - (vi) Australian Standard AS1926.2 Part 2: Location of safety barriers for swimming pools.
- (2) A 'KEEP WATCH' pool safety and aquatic based emergency sign, issued by Royal Life Saving is to be displayed in a prominent position within the pool/spa area.
 - (3) Filter backwash waters shall be conveyed to the Sydney Water sewerage system in sewered areas or managed on-site in unsewered areas in a manner that does not cause pollution, erosion or run off, is separate from the irrigation area for any wastewater system and is separate from any onsite stormwater management system.
 - (4) Swimming pools and spas must be registered with the Division of Local Government.

Reason: To ensure that works do not interfere with reasonable amenity expectations of residents and the community.

FEES / CHARGES / CONTRIBUTIONS

5. Security Bond

A bond (determined from cost of works) of \$1,500 and an inspection fee in accordance with

Council's Fees and Charges paid as security are required to ensure the rectification of any damage that may occur to the Council infrastructure contained within the road reserve adjoining the site as a result of construction or the transportation of materials and equipment to and from the development site.

An inspection fee in accordance with Council adopted fees and charges (at the time of payment) is payable for each kerb inspection as determined by Council (minimum (1) one inspection).

All bonds and fees shall be deposited with Council prior to Construction Certificate or demolition work commencing, and details demonstrating payment are to be submitted to the Certifying Authority prior to the issue of the Construction Certificate.

To process the inspection fee and bond payment a Bond Lodgement Form must be completed with the payments (a copy of the form is attached to this consent and alternatively a copy is located on Council's website at www.northernbeaches.nsw.gov.au).

Reason: To ensure adequate protection of Council's infrastructure.

CONDITIONS TO BE SATISFIED PRIOR TO THE ISSUE OF THE CONSTRUCTION CERTIFICATE

6. **Geotechnical Report Recommendations have been Incorporated into Designs and Structural Plans**

The recommendations of the risk assessment required to manage the hazards as identified in the Geotechnical Report prepared Nepean Geotechnics, Report No. R22009.03.Rev0, Dated 7th Feb 2022 are to be incorporated into the construction plans. Prior to issue of the Construction Certificate, Form 2 of the Geotechnical Risk Management Policy for Pittwater (Appendix 5 of P21 DCP) is to be completed and submitted to the Accredited Certifier. Details demonstrating compliance are to be submitted to the Certifying Authority prior to the issue of the Construction Certificate.

Reason: To ensure geotechnical risk is mitigated appropriately.

7. **Erosion and Sediment Control Plan**

An Erosion and Sediment Control Plan (ESCP) shall be prepared by an appropriately qualified person and implemented onsite prior to commencement. The ESCP must meet the requirements outlined in the Landcom publication Managing Urban Stormwater: Soils and Construction - Volume 1, 4th Edition (2004). The ESCP must include the following as a minimum:

- Site Boundaries and contours
- Approximate location of trees and other vegetation, showing items for removal or retention (consistent with any other plans attached to the application)
- Location of site access, proposed roads and other impervious areas (e.g. parking areas and site facilities)
- Existing and proposed drainage patterns with stormwater discharge points
- Locations and methods of all erosion and sediment controls that must include sediment fences, stabilised site access, materials and waste stockpiles locations, location of any stormwater pits on the site and how they are going to be protected.
- North point and scale.

Details demonstrating compliance are to be submitted to the Certifying Authority for approval prior to the issue of the Construction Certificate.

Reason: Protection of the receiving environment.

8. **Detailed Design of Stormwater Treatment Measures - Major**

A certificate from a Civil Engineer, stating that the stormwater treatment measures have been designed in accordance with the DRAINAGE PLAN FROM CAM CONSULTING REV B 06/12/21 and Council's Water Management for Development Policy.

The certificate shall be submitted to the Certifying Authority prior to the release of the Construction Certificate.

Reason: Protection of the receiving environment.

9. **On-site Stormwater Details**

The Applicant is to provide a certification of drainage plans detailing the provision of on-site stormwater detention in accordance with Northern Beaches Council's Water Management for Development Policy, and generally in accordance with the concept drainage plans prepared by CAM Consulting, drawing number C21187-SW01, revision B, dated 16/12/2021. Detailed drainage plans are to be prepared by a suitably qualified Civil Engineer, who has membership to the Institution of Engineers Australia, National Professional Engineers Register (NPER) and registered in the General Area of Practice for civil engineering.

The drainage plans must address the following:

- i. The clean out pipe is to be extended to the rain garden top water level to ensure any overflow is directed to the adjacent easement inlet pit.
- ii. A 3000 litres rainwater tank for non-potable purposes is to be installed and used as part of an integrated on-site Stormwater management system in accordance with Development Consent N0540/15.
- iii. The inter allotment drainage easement should be free of any structures including raingarden.

Detailed drainage plans, including engineering certification, are to be submitted to the Certifying Authority for approval prior to the issue of the Construction Certificate.

Reason: To ensure appropriate provision for the disposal of stormwater and stormwater management arising from the development

10. **Compliance with Standards**

The development is required to be carried out in accordance with all relevant Australian Standards.

Details demonstrating compliance with the relevant Australian Standard are to be submitted to the Certifying Authority prior to the issue of the Construction Certificate.

Reason: To ensure the development is constructed in accordance with appropriate standards.

11. **External Finishes to Roof**

The external finish to the roof shall have a medium to dark range (BCA classification M and D) in order to minimise solar reflections to neighbouring properties. Any roof with a metallic steel finish is not permitted.

Details demonstrating compliance are to be submitted to the Certifying Authority prior to the

issue of the Construction Certificate.

Reason: To ensure that excessive glare or reflectivity nuisance does not occur as a result of the development. (DACPLC03)

12. **Sydney Water "Tap In"**

The approved plans must be submitted to the Sydney Water Tap in service, prior to works commencing, to determine whether the development will affect any Sydney Water assets and/or easements. The appropriately stamped plans must then be submitted to the Certifying Authority demonstrating the works are in compliance with Sydney Water requirements.

Please refer to the website www.sydneywater.com.au for:

- o "Tap in" details - see <http://www.sydneywater.com.au/tapin>
- o Guidelines for Building Over/Adjacent to Sydney Water Assets.

Or telephone 13 000 TAP IN (1300 082 746).

Reason: To ensure compliance with the statutory requirements of Sydney Water.

CONDITIONS THAT MUST BE ADDRESSED PRIOR TO ANY COMMENCEMENT

13. **Tree Removal Within the Property**

This consent approves the removal of the following tree within the property (as recommended in the Arboricultural Impact Assessment):

- i) tree number 16 - *Angophora costata*,
- ii) a qualified AQF level 5 Arborist shall identify these trees on site and tag or mark prior to removal.

Reason: To enable authorised development works.

CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK

14. **Protection of Existing Street Trees**

All existing street trees in the vicinity of the works shall be retained during all construction stages, and the street trees fronting the development site within the road reserve shall be protected in accordance with Section 4 of Australian Standard 4970-2009 Protection of Trees on Development Sites.

No excavated material, building material storage, site facilities, nor landscape materials are to be placed within the canopy dripline of street trees.

All street trees within the road verge are protected under Northern Beaches Council development control plans, except where Council's written consent for removal has been obtained. The felling, lopping, topping, ringbarking, or removal of any tree(s) is prohibited.

Reason: Street tree protection.

15. **Tree and Vegetation Protection**

a) Existing trees and vegetation shall be retained and protected, including:

- i) all trees and vegetation within the site not approved for removal (ie. tree number 14 - Lemon Scented Gum is to be retained), excluding exempt trees and vegetation under the relevant planning instruments of legislation,

- ii) all trees and vegetation located on adjoining properties,
- iii) all road reserve trees and vegetation.

b) Tree protection shall be undertaken as follows:

- i) tree protection shall be in accordance with Australian Standard 4970-2009 Protection of Trees on Development Sites, including the provision of temporary fencing to protect existing trees within 5 metres of development,
- ii) existing ground levels shall be maintained within the tree protection zone of trees to be retained, unless authorised by an Arborist with minimum AQF Level 5 in arboriculture,
- iii) removal of existing tree roots at or >25mm (Ø) diameter is not permitted without consultation with an Arborist with minimum AQF Level 5 in arboriculture,
- iv) no excavated material, building material storage, site facilities, nor landscape materials are to be placed within the canopy dripline of trees and other vegetation required to be retained,
- v) structures are to bridge tree roots at or >25mm (Ø) diameter unless directed by an Arborist with minimum AQF Level 5 in arboriculture on site,
- vi) excavation for stormwater lines and all other utility services is not permitted within the tree protection zone, without consultation with an Arborist with minimum AQF Level 5 in arboriculture including advice on root protection measures,
- vii) should either or all of v) or vi) occur during site establishment and construction works, an Arborist with minimum AQF Level 5 in arboriculture shall provide recommendations for tree protection measures. Details including photographic evidence of works undertaken shall be submitted by the Arborist to the Certifying Authority,
- viii) any temporary access to, or location of scaffolding within the tree protection zone of a protected tree or any other tree to be retained during the construction works is to be undertaken using the protection measures specified in sections 4.5.3 and 4.5.6 of Australian Standard 4970-2009 Protection of Trees on Development Sites,
- ix) the activities listed in section 4.2 of Australian Standard 4970-2009 Protection of Trees on Development Sites shall not occur within the tree protection zone of any tree on the lot or any tree on an adjoining site,
- x) tree pruning from within the site to enable approved works shall not exceed 10% of any tree canopy, and shall be in accordance with Australian Standard 4373-2007 Pruning of Amenity Trees,
- xi) the tree protection measures specified in this clause must: i) be in place before work commences on the site, and ii) be maintained in good condition during the construction period, and iii) remain in place for the duration of the construction works.

c) Tree protection shall specifically be undertaken in accordance with the recommendations in the Arboricultural Impact Assessment, as listed in the following sections:

- i) section 10 Recommendations
- ii) section 11 Tree Protection Requirements including tree protection fencing to trees 14
- iii) section 12 Construction Hold Points

The Certifying Authority must ensure that:

- d) The arboricultural works listed in c) are undertaken and certified by an Arborist as compliant to the recommendations of the Arboricultural Impact Assessment.
- e) The activities listed in section 4.2 of Australian Standard 4970-2009 Protection of Trees on Development Sites, do not occur within the tree protection zone of any tree, and any temporary access to, or location of scaffolding within the tree protection zone of a protected tree, or any other tree to be retained on the site during the construction, is undertaken using the protection measures specified in sections 4.5.3 and 4.5.6 of that standard.

Note: All street trees within the road verge and trees within private property are protected under Northern Beaches Council development control plans, except where Council's written consent

for removal has been obtained. The felling, lopping, topping, ringbarking, or removal of any tree (s) is prohibited.

Reason: Tree and vegetation protection.

16. **Installation and Maintenance of Sediment and Erosion Controls**

Council proactively regulates construction sites for sediment management.

Sediment and erosion controls must be installed in accordance with Landcom's 'Managing Urban Stormwater: Soils and Construction' (2004) and the Erosion and Sediment Control Plan prior to commencement of any other works on site.

Erosion and sediment controls are to be adequately maintained and monitored at all times, particularly after periods of rain, and shall remain in proper operation until all development activities have been completed and vegetation cover has been re-established across 70 percent of the site, and the remaining areas have been stabilised with ongoing measures such as jute mesh or matting.

Reason: Protection of the receiving environment.

17. **Substitution of Stormwater Treatment Measures**

The substitution of an "equivalent" device for the stormwater treatment measure approved under the Development Consent must be submitted to the Principal Certifying Authority for approval prior to installation.

Reason: To ensure stormwater is appropriately managed and in accordance with the Water Management for Development Policy.

18. **Geotechnical Requirements**

All recommendations identified in the Geotechnical Report referenced in Condition 1 of this consent, that are required to occur during works must be done.

Details demonstrating compliance are to be submitted to the Principal Certifying Authority during works.

Reason: To ensure geotechnical risk is mitigated appropriately.

19. **Survey Certificate**

A survey certificate prepared by a Registered Surveyor at the following stages of construction:

(a) Commencement of perimeter walls columns and or other structural elements to ensure the wall or structure, to boundary setbacks are in accordance with the approved details.

(b) At ground level to ensure the finished floor levels are in accordance with the approved levels, prior to concrete slab being poured/flooring being laid.

(c) At completion of the roof frame confirming the finished roof/ridge height is in accordance with levels indicated on the approved plans.

Details demonstrating compliance are to be submitted to the Principal Certifying Authority.

Reason: To determine the height of buildings under construction comply with levels shown on approved plans.

20. **Installation and Maintenance of Sediment Control**

Prior to any works commencing on site, including demolition, sediment and erosion controls must be installed in accordance with Landcom's 'Managing Urban Stormwater: Soils and Construction' (2004). Techniques used for erosion and sediment control on site are to be adequately maintained and monitored at all times, particularly after periods of rain, and shall remain in proper operation until all development activities have been completed and the site is sufficiently stabilised with vegetation.

Reason: To protect the surrounding environment from the effects of sedimentation and erosion from the site.

21. **Waste Management During Development**

The reuse, recycling or disposal of waste during works must be done generally in accordance with the Waste Management Plan for this development.

Details demonstrating compliance must be submitted to the Principal Certifying Authority.

Reason: To ensure demolition and construction waste is recycled or reused and to limit landfill.

**CONDITIONS WHICH MUST BE COMPLIED WITH PRIOR TO THE ISSUE OF THE
OCCUPATION CERTIFICATE**

22. **Landscape Completion**

Landscaping is to be implemented in accordance with the approved Landscape Plans for Lot 3, and inclusive of the following conditions:

- i) the planting scheme shall include a minimum of 70% endemic vegetation, with all canopy trees to be endemic, whilst smaller trees may be exotic,
- ii) environmental weeds are not permitted to be planted and shall be removed from the proposed plant schedule and these include Cupaniopsis, Rhipiolepis and Pennisetum species listed in the development application document,
- iii) exempt species are not permitted to be planted and shall be removed from the proposed plant schedule and these include Cupaniopsis, Fraxinus and Howea species listed in the development application document,
- iv) canopy tree endemic planting shall be selected from: Angophora costata, Angophora floribunda, Backhousia myrtifolia, Eleocarpus reticulatus, Eucalyptus robusta, Hymenosporum flavum, Syzygium leuhmannii, Syzygium smithii, Tristaniopsis laurina, and Tristaniopsis 'luscious', as nominated in the development application document,
- v) all canopy tree planting is to be located a minimum of 5 metres, and smaller trees at least 3 metres from existing and proposed dwellings,
- vi) each tree is to be located at least 1.5 metres from adjoining common residential side boundaries,
- vii) all other landscape works shall be in accordance with the approved Landscape Plans,
- viii) fencing is not permitted forward of the front building line. Boundaries between public and private land shall be delineated by vegetation, such as low hedges, garden beds or the like.

Prior to the issue of an Occupation Certificate, details (from a landscape architect or landscape designer) shall be submitted to the Certifying Authority, certifying that the landscape works have been completed in accordance with any conditions of consent.

Reason: Environmental amenity.

23. **Condition of Retained Vegetation**

Prior to the issue of an Occupation Certificate, a report prepared by an Arborist with minimum AQF Level 5 in arboriculture shall be submitted to the Certifying Authority, assessing the health and impact on all existing trees required to be retained, including the following information:

- i) compliance to any Arborist recommendations for tree protection generally and during excavation works,
- ii) extent of damage sustained by vegetation as a result of the construction works,
- iii) any subsequent remedial works required to ensure the long term retention of the vegetation.

Reason: Tree and vegetation protection.

24. **Stormwater Disposal**

The stormwater drainage works shall be certified as compliant with the approved construction certificate plans by the design engineer. Details demonstrating compliance are to be submitted to the Certifying Authority prior to the issue of Final Occupation Certificate.

Reason: To ensure appropriate provision for the disposal of stormwater arising from the development.

25. **Certification for the Installation of Stormwater Treatment Measures**

A certificate from a Civil Engineer, who has membership to Engineers Australia and the National Engineers Register must be provided, stating that the stormwater treatment measures have been installed in accordance with the DRAINAGE PLAN FROM CAM CONSULTING REV B06/12/21. The certificate must confirm that stormwater treatment measures are completed, online, in good condition and are not impacted by sediment. Vegetated measures must exhibit an 80 percent survival rate of plantings.

The certificate shall be submitted to the Principal Certifying Authority prior to the release of the Occupation Certificate.

Reason: Protection of the receiving environment.

26. **Positive Covenant, Restriction as to User and Registration of Encumbrances for Stormwater Treatment Measures**

A positive covenant shall be created on the title of the land requiring the proprietor of the land to maintain the stormwater treatment measures in accordance with the standard requirements of Council, the manufacturer and as required by the Stormwater Treatment Measures Operation and Maintenance Plan.

A restriction as to user shall be created on the title over the stormwater treatment measures, restricting any alteration to the measures.

The terms of the positive covenant and restriction as to user are to be prepared to Council's standard requirements (available from Council) at the applicant's expense and endorsed by the Northern Beaches Council's delegate prior to lodgement with the Department of Lands. Northern Beaches Council shall be nominated as the party to release, vary or modify such covenant.

A copy of the certificate of title demonstrating the creation of the positive covenant and restriction as to user is to be submitted to the Principal Certifying Authority prior to the issue of any Occupation Certificate.

Reason: To identify encumbrances on land, ensure ongoing maintenance, and ensure modification to the stormwater treatment measures is not carried out without Council's approval.

27. **Stormwater Treatment Measures Operation and Maintenance Plan**

An Operation and Maintenance Plan is to be prepared to ensure the proposed stormwater treatment measures remain effective.

The Plan must be attached to the Positive Covenant (and the community or strata management statement if applicable) and contain the following:

1. Detail on the stormwater treatment measures:
 - a) Work as executed drawings
 - b) Intent of the stormwater treatment measures including modelled pollutant removal rates
 - c) Site detail showing catchment for each device
 - d) Vegetation species list associated with each type of vegetated stormwater treatment measure
 - e) Impervious area restrictions to maintain the water balance for the site
 - f) Funding arrangements for the maintenance of all stormwater treatment measures
 - g) Identification of maintenance and management responsibilities
 - h) Maintenance and emergency contact information

2. Maintenance schedule and procedure - establishment period of one year following commissioning of the stormwater treatment measure:
 - a) Activity description, and duration and frequency of visitsAdditionally for vegetated devices:
 - b) Monitoring and assessment to achieve an 80 percent survival rate for plantings
 - c) Management of weeds, pests and erosion, with weed and sediment cover limited to a maximum of 5 percent of the total area of the stormwater treatment measure

3. Maintenance schedule and procedure - ongoing
 - a) Activity description, and duration and frequency of visits
 - b) Routine maintenance requirements
 - c) Work Health and Safety requirements
 - d) Waste management and disposal
 - e) Traffic control (if required)
 - f) Renewal, decommissioning and replacement timelines and activities of all stormwater treatment measures (please note that a DA may be required if an alternative stormwater treatment measure is proposed)
 - g) Requirements for inspection and maintenance records, noting that these records are required to be maintained and made available to Council upon request.

Details demonstrating compliance shall be submitted to the Principal Certifying Authority prior to the release of the Occupation Certificate.

Reason: Protection of the receiving environment.

28. **Works as Executed Drawings - Stormwater Treatment Measures**

Works as Executed Drawings for the stormwater treatment measures must be prepared in accordance with Council's Guideline for Preparing Works as Executed Data for Council Stormwater Assets.

The drawings shall be submitted to the Principal Certifying Authority prior to the release of the Occupation Certificate.

Reason: Protection of the receiving environment.

29. **Geotechnical Certification Prior to Occupation Certificate**

The Applicant is to submit the completed Form 3 of the Geotechnical Risk Management Policy (Appendix 5 of P21 DCP) to the Certifying Authority prior to issue of the Final Occupation Certificate.

Reason: To ensure geotechnical risk is mitigated appropriately.

30. **House / Building Number**

House/building number is to be affixed to the building to be readily visible from the public domain.

Details demonstrating compliance are to be submitted to the Principal Certifying Authority prior to the issue of any interim / final Occupation Certificate.

Reason: Proper identification of buildings.

ON-GOING CONDITIONS THAT MUST BE COMPLIED WITH AT ALL TIMES

31. **Landscape Maintenance**

If any landscape materials/components or planting under this consent fails, they are to be replaced with similar materials/components. Trees, shrubs and groundcovers required to be planted under this consent are to be mulched, watered and fertilised as required at the time of planting.

If any tree, shrub or groundcover required to be planted under this consent fails, they are to be replaced with similar species to maintain the landscape theme and be generally in accordance with the approved Landscape Plan and any conditions of consent. All weeds are to be removed and controlled in accordance with the NSW Biosecurity Act 2015.

Reason: To maintain local environmental amenity.

32. **Maintenance of Stormwater Treatment Measures**

Stormwater treatment measures must be maintained at all times in accordance with the Stormwater Treatment Measure Operation and Maintenance Plan, manufacturer's specifications and as necessary to achieve the required stormwater quality targets for the development.

Vegetated stormwater treatment measures must maintain an 80 percent survival rate of plantings and limit weed cover to no more than 10 percent of the total area of the stormwater treatment measure.

Where replacement cartridges or other necessary components for the system become unavailable, an alternative system is required to be retrofitted into the development to achieve an equivalent pollutant reduction outcome. Evidence supporting the replacement must be retained on site and made available to Council as required.

Northern Beaches Council reserves the right to enter the property and carry out appropriate maintenance of the device at the cost of the property owner.

Reason: Protection of the receiving environment.

33. **Geotechnical Recommendations**

Any ongoing recommendations of the risk assessment required to manage the hazards identified in the Geotechnical Report referenced in Condition 1 of this consent are to be maintained and adhered to for the life of the development.

Reason: To ensure geotechnical risk is mitigated appropriately.


In signing this report, I declare that I do not have a Conflict of Interest.

Signed



Nick England, Planner

The application is determined on 17/06/2022, under the delegated authority of:



Phil Lane, Acting Development Assessment Manager