

25 September 2018



Horton Coastal Engineering Pty Ltd
18 Reynolds Crescent
BEACON HILL NSW 2100

Dear Sir/Madam

Application Number: DA2017/0591

Address: Lot A DP 167490 , 1128 Pittwater Road, COLLAROY NSW 2097
Lot 1 DP 121939 , 1130 Pittwater Road, COLLAROY NSW 2097
Lot 5 DP 10757 , 1132 Pittwater Road, COLLAROY NSW 2097
Lot 4 DP 10757 , 1134 Pittwater Road, COLLAROY NSW 2097
Lot 3 DP 10757 , 1136 Pittwater Road, COLLAROY NSW 2097
Lot 2 DP 10757 , 1138 Pittwater Road, COLLAROY NSW 2097
Lot 1 DP 10757 , 1140 Pittwater Road, COLLAROY NSW 2097
Lot 6 DP 111254 , 1142 Pittwater Road, COLLAROY NSW 2097
Lot 7 DP 111254 , 1144 Pittwater Road, COLLAROY NSW 2097
Lot 7351 DP 1166942 , Pittwater Road, COLLAROY NSW 2097
Lot 1 DP 170202 , 1126 Pittwater Road, COLLAROY NSW 2097

Proposed Development: Construction of Coastal Protection Works

Please find attached the Notice of Determination for the above mentioned Application.

Please be advised that a copy of the Assessment Report associated with the application is available on Council's website at www.northernbeaches.nsw.gov.au

Please read your Notice of Determination carefully and the assessment report in the first instance.

If you have any further questions regarding this matter please contact the undersigned on 1300 434 434 or via email quoting the application number, address and description of works to council@northernbeaches.nsw.gov.au

Regards,



Steven Findlay
Manager Development Assessments

NOTICE OF DETERMINATION

Application Number:	DA2017/0591
Determination Type:	Development Application

APPLICATION DETAILS

Applicant:	Horton Coastal Engineering Pty Ltd
Land to be developed (Address):	<p>Lot A DP 167490 , 1128 Pittwater Road COLLAROY NSW 2097</p> <p>Lot 1 DP 121939 , 1130 Pittwater Road COLLAROY NSW 2097</p> <p>Lot 5 DP 10757 , 1132 Pittwater Road COLLAROY NSW 2097</p> <p>Lot 4 DP 10757 , 1134 Pittwater Road COLLAROY NSW 2097</p> <p>Lot 3 DP 10757 , 1136 Pittwater Road COLLAROY NSW 2097</p> <p>Lot 2 DP 10757 , 1138 Pittwater Road COLLAROY NSW 2097</p> <p>Lot 1 DP 10757 , 1140 Pittwater Road COLLAROY NSW 2097</p> <p>Lot 6 DP 111254 , 1142 Pittwater Road COLLAROY NSW 2097</p> <p>Lot 7 DP 111254 , 1144 Pittwater Road COLLAROY NSW 2097</p> <p>Lot 7351 DP 1166942 , Pittwater Road COLLAROY NSW 2097</p> <p>Lot 1 DP 170202 , 1126 Pittwater Road COLLAROY NSW 2097</p>
Proposed Development:	Construction of Coastal Protection Works

DETERMINATION - APPROVED

Made on (Date)	05/09/2018
Consent to operate from (Date):	05/09/2018
Consent to lapse on (Date):	05/09/2023

Detail of Conditions

The conditions, which have been applied to the consent, aim to ensure that the Environmental Impacts of Development are minimised and the Health and Safety of the community is maintained in accordance with the relevant standards and the Building Code of Australia.

Note:

If the works are to be certified by a Private Certifying Authority, then it is the certifier's responsibility to ensure all outstanding fees and bonds have been paid to Council prior to the issue of the Construction Certificate or as otherwise specified by Consent conditions.

DEFERRED COMMENCEMENT CONDITIONS

1. **Stormwater Drainage Easement**

As the natural fall of the land is towards the rear of the site, the disposal of stormwater drainage is proposed via an inter allotment drainage system which requires easements through the downstream properties to be created in favour of the respective lots. The easement is to be created under Sections 88B, and/or 88K of the Conveyancing Act 1919 or the Real Property Act 1900. The applicant must provide Council with evidence of the creation of the easement in order to activate the consent.

Reason: To ensure adequate provision is made for stormwater drainage from the site in a proper manner that protects adjoining properties.

2. **Demonstration of agreement between multiple properties**

The applicant is to provide evidence to the consent authority to the satisfaction of the consent authority of an enforceable agreement that all owners will fund and construct the new rock revetment and ancillary works ('coastal protection works') as a single contiguous project to be completed within 12 months of the on-site commencement of the construction works. The agreement must restrain transfer, assignment or novation by any owner unless the transferee/assignee enters into an agreement in similar terms. If the owners create a trust or corporate entity for the purposes of construction of the works, such entity is to be bound by the terms of the agreement. The agreement may provide that it will cease to operate upon the issue of a final occupation certificate.

Reason: To ensure satisfactory completion of the coastal protection works.

3. **Easements for construction, support and maintenance**

The applicant is to provide evidence to the consent authority to the satisfaction to the consent authority that:

a) An easement has been registered over so much of Lot 1 DP 170202, Lot A DP 167490, Lot 1 DP 121939, Lot 5 DP 10757, Lot 4 DP 10757, Lot 3 DP 10757, Lot 2 DP 10757, Lot 1 DP 10757, Lot 6 Sec 13 DP 111254 and Lot 7 Sec 13 DP 111254 as necessary for construction, support and maintenance in favour of each of the owners to allow each owner to carry out its obligations under this consent and otherwise burdening the owners of the properties and their successors in title to maintain the coastal protection works to the standard approved by the Development Consent, approved plans and specifications in the Consent. The easement may provide that it shall be released if the coastal protection works are removed.

b) An easement for support has been registered in relation to the part of the coastal protection works on the Crown Land. The easement is to:

- i. Burden Lot 1 DP 170202, Lot A DP 167490, Lot 1 DP 121939, Lot 5 DP 10757, Lot 4 DP 10757, Lot 3 DP 10757, Lot 2 DP 10757, Lot 1 DP 10757, Lot 6 Sec 13 DP 111254 and Lot 7 Sec 13 DP 111254; and
- ii. Benefit the Crown Land; and
- iii. To be on terms satisfactory to the Crown.

c) The easement referred to in deferred commencement condition 3.a) shall also provide that:

- i. if reasonably required by Council by notice in writing, the coastal protection works located within the easement site shall be maintained to the standard approved by the Development Consent, approved plans and specifications in the Consent if any damage occurs that impacts

the support or performance of the works; and

ii. the owners of the lot burdened must not place any improvements or structures that cannot be easily relocated or removed within the easement site or interfere with the coastal protection works within the easement site or the support they offer.

d) The easement referred to in deferred commencement condition 3.a) shall be to the reasonable satisfaction of Council's solicitors and all costs associated with the preparation and execution of the easement shall be borne by the owners.

Reason: To create long term (i.e. 60 years) support and maintenance of the coastal protection works for the benefit of all owners (currently and in the future), to maintain the coastal protection works, to ensure the protection of all affected properties and to ensure any requirements for the occupation of adjoining public land are satisfied and maintained.

4. **Lawful occupation of the works on Crown Land**

The applicant is to produce evidence to the consent authority to the satisfaction of the consent authority of the registration on title of the Crown Land of any instrument required by the Crown and on terms satisfactory to the Crown for the lawful entitlement for the works to be constructed and maintained by the owners of the properties 1126 (Lot 1 DP 170202), 1128 (Lot A DP 167490), 1130 (Lot 1 DP 121939), 1132 (Lot 5 DP 10757), 1134 (Lot 4 DP 10757), 1136 (Lot 3 DP 10757), 1138 (Lot 2 DP 10757), 1140 (Lot 1 DP 10757), 1142 (Lot 6 Sec 13 DP 111254), 1144 (Lot 7 Sec 13 DP 111254) Pittwater Road, Collaroy ('the owners') on the Crown Land and to remain on the Crown Land.

Reason: To ensure the lawful occupation of the works on public land.

Evidence required to satisfy the deferred commencement condition/s must be submitted to Council within five (5) 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.

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

DEVELOPMENT CONSENT OPERATIONAL CONDITIONS

5. **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
S.01 Revision B	27 July 2018	Horton Coastal Engineering Pty Ltd
S.02 Revision B	27 July 2018	Horton Coastal Engineering Pty Ltd
S.03 Revision B	27 July 2018	Horton Coastal Engineering Pty Ltd
S.05 Revision B	27 July 2018	Horton Coastal Engineering Pty Ltd

S.06 Revision B	27 July 2018	Horton Coastal Engineering Pty Ltd
S.07 Revision B	27 July 2018	Horton Coastal Engineering Pty Ltd
S.08 Revision B	27 July 2018	Horton Coastal Engineering Pty Ltd

Reports / Documentation – All recommendations and requirements contained within:		
Report No. / Page No. / Section No.	Dated	Prepared By
Geotechnical Assessment	19 June 2017	JK Geotechnics
Coastal Engineering Report	19 June 2017	Horton Coastal Engineering Pty Ltd
Revegetation Report	6 June 2017	Diane Wiesner

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) No construction works (including excavation) shall be undertaken prior to the release of the Construction Certificate.

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.

6. **Prescribed Conditions**

(a) All building works must be carried out in accordance with the requirements of the Building Code of Australia (BCA).

(b) 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.

(c) Development that involves an excavation that extends below the level of the base of the footings of a building, structure or work (including any structure within a road corridor) on adjoining land, the person having the benefit of the development consent must, at the person's own expense:

- (i) protect and support the building, structure or work from possible damage from the excavation, and
- (ii) where necessary, underpin the building, structure or work to prevent any such

damage.

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

Reason: Legislative Requirement.

7. 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 (other than in sand) 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) 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.

(c) 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.

(d) 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.

(e) 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.

(f) The applicant shall bear the cost of all works associated with the development that occurs on Council's property.

(g) No building, demolition, excavation or material of any nature and no hoist, plant and machinery (crane, concrete pump or lift) shall be placed on Council's footpaths, roadways, parks or grass verges without Council Approval.

(h) Demolition materials and builders' wastes are to be removed to approved waste/recycling centres. These materials may alternatively remain as backfill, subject to a waste classification

undertaken by a suitably qualified environmental consultant (who is a member of the Australian Contaminated Land Consultants Association Inc) and to the satisfaction of the geotechnical engineer. This material must be consistent with Council's Coastal Erosion Policy 2016 9(d).

(i) All sound producing plant, equipment, machinery or fittings and the use will not exceed more than 5dB (A) above the background level when measured from any property boundary and/or habitable room(s) consistent with the Environment Protection Authority's NSW Industrial Noise Policy and/or Protection of the Environment Operations Act 1997.

(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.

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

FEES / CHARGES / CONTRIBUTIONS

8. Policy Controls

Northern Beaches Council Contributions Plan 2018

The proposal is subject to the application of Council's Section 7.12 Development Contributions Plan.

The following monetary contributions are applicable:

Northern Beaches Council Contributions Plan 2018		
Contribution based on a total development cost of \$ 1,708,739.00		
Contributions	Levy Rate	Payable
Total Section 7.12 Levy	0.95%	\$ 16,233.02
Section 7.12 Planning and Administration	0.05%	\$ 854.37

Total	1%	\$ 17,087.39
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The amount will be adjusted at the time of payment according to the quarterly CPI (Sydney - All Groups Index). Please ensure that you provide details of this Consent when paying contributions so that they can be easily recalculated.

This fee must be paid prior to the issue of the Construction Certificate. Details demonstrating compliance are to be submitted to the Principal Certifying Authority.

Reason: To provide for contributions in accordance with Northern Beaches Council Contributions Plan 2018.

9. **Security Bond**

A bond (determined from cost of works) of \$10,000 and an inspection fee in accordance with Council's Fees and Charges paid as security 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, 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.

10. **Works Bonds**

Construction, Excavation and Associated Works Bond (Drainage)

A Bond of \$5000.00 as security against any damage or failure to complete the construction of stormwater drainage works as part of this consent.

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, 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.warringah.nsw.gov.au/your-council/forms).

Reason: To ensure adequate protection of Councils infrastructure.

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

11. **Application for stormwater drainage approval for connection to Council pipe drainage system**

An application for approval to connect into Council pipe drainage under Sections 68 of the Local Government Act 1993 is to be submitted to Council.

The proposed inter-allotment drainage pipe shall be connected with a pit to Council's drainage pipe line. Standard Engineering plans are to be submitted to the Certifying Authority for approval. The submission is to include four (4) copies of Civil Engineering plans for the design of connection into Council drainage system which are to be generally in accordance with the civil design approved with the Development Application and Council's specification for engineering works - AUS-SPEC #1 and or Council's Minor Works Policy.

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

Reason: To ensure compliance with Council's specification for engineering works. (DACENC08)

12. **Pre-Construction Dilapidation Survey**

A pre-construction / demolition Dilapidation Survey of Council's Stormwater Assets is to be prepared by a suitably qualified person in accordance with Council's Guidelines for Preparing a Dilapidation Survey of Council Stormwater Asset, to record the existing condition of the asset prior to the commencement of works. Council's Guidelines are available at <https://www.warringah.nsw.gov.au/sites/default/files/documents/general-information/stormwater-and-development/2014-119050-guidelines-preparing-dilapidation-survey-council-stormwater-assets-april-2014.pdf>

The pre-construction / demolition dilapidation report must be submitted to Council for approval and the Certifying Authority prior to the issue of the Construction Certificate.

Reason: Protection of Council's Infrastructure.

13. **Access for construction and maintenance of works**

The works are to be designed and constructed in accordance with the access requirements outlined in the Collaroy-Narrabeen Beach Coastal Protection Works Design Specifications 2016. Details demonstrating compliance with this requirement are to be prepared by a suitably qualified coastal engineer and submitted to the certifying authority for approval prior to issue of the Construction Certificate.

Reason: To ensure suitable access for construction and maintenance of coastal protection works.

14. **Maintenance Management Plan for Coastal Protection Works**

A management plan is to be prepared for the maintenance of the coastal protection works and adaptation of the works to changed conditions which may occur as a result of future climate change. The maintenance management plan is to be prepared by a suitably qualified coastal engineer and is to be approved by Council in writing prior to issue of the construction certificate. The maintenance management plan must be complied with at all times.

Reason: To ensure a plan is in place for the on-going maintenance and adaptation of the works prior to the start of construction.

15. **Maintenance Obligations and Public Safety**

The owners of 1126 (Lot 1 DP 170202), 1128 (Lot A DP 167490), 1130 (Lot 1 DP 121939), 1132 (Lot 5 DP 10757), 1134 (Lot 4 DP 10757), 1136 (Lot 3 DP 10757), 1138 (Lot 2 DP 10757), 1140 (Lot 1 DP 10757), 1142 (Lot 6 Sec 13 DP 111254), 1144 (Lot 7 Sec 13 DP 111254) Pittwater Road, Collaroy must provide an irrevocable bank guarantee (or other suitable legally binding obligation) to Council prior to the issue of any construction certificate in the amount of \$1000 per lineal metre of work (based on the length of the seaward property boundary) to undertake maintenance of the coastal protection works in the event that they are damaged as a result of coastal storm, including to undertake any works required to remove any threat to public safety arising from the coastal protection works including the removal of rocks or debris, that have become dislodged from the works, from the public beach and adjacent public land.

In this condition "maintenance" means the restoration of the works to a standard in accordance with the approved plans and specifications following any damage caused by a coastal storm.

The bank guarantee (or other suitable legally binding obligation) is to be replenished if drawn upon and increased to allow for Consumer Price Index (CPI) every 10 years from the date of establishment.

The bank guarantee (or other suitable legally binding obligation) is to be in the favour of Council. The funds may be accessed by one or more owners, for the undertaking of works referred to in this condition, with the written consent of Council.

Reason: To satisfy the requirements of 55M of the Coastal Protection Act 1979 and to ensure that the coastal protection works will not pose any significant threat to public safety.

16. **Interaction with adjoining works**

In the event that the coastal protection works have been constructed and completed on the adjoining land, the coastal protection works approved under this consent are to be contiguous and integrated with adjoining protection works. Details demonstrating the actions required to ensure compliance with this requirement are to be prepared by a suitably qualified coastal engineer and submitted to Northern Beaches Council for approval prior to issue of the construction certificate.

Reason: To avoid damage to adjoining properties from the coastal protection works.

17. **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.

18. **Sewer / Water "Tap-in" Check**

The approved plans must be submitted to Sydney Water's "Tap-In" service prior to works commencing to determine whether the development will affect any Sydney Water asset's sewer and water mains, stormwater drains and/or easement, and if further requirements need to be met. Plans will be appropriately stamped.

Please refer to the website www.sydneywater.com.au for further details.

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

19. **Waste Management Plan**

A Waste Management Plan must be prepared for this development. The Plan must be in accordance with Parts C8 and C9 of the WDCP 2011 and Council's Waste Management Guidelines (that apply to land covered by the WLEP 2011).

Details demonstrating compliance must be provided to the Certifying Authority prior to the issue of the Construction Certificate.

Reason: To ensure that any demolition and construction waste, including excavated material, is reused, recycled or disposed of in an environmentally friendly manner.

CONDITIONS THAT MUST BE ADDRESSED PRIOR TO ANY COMMENCEMENT

20. **Confirmation of construction site storage location**

The applicant is to provide detail on where imported material, construction machinery and material to be disposed of is to be located. If these items are to be stored on the adjacent public reserve, a Working on and Access to Reserves permit will be required.

Reason: To clarify impact of the works on Council's reserves.

21. **Working on and Access to Reserves Permit**

A Working on and Access to Reserves Permit is required for vehicular access over land under Council care, control and management for the delivery and/or removal of materials, waste or equipment where there is no other reasonable route of access and activities are carried out without direct Council supervision. Applications can be obtained from Council's website or Parks and Recreation business unit.

Reason: Public Safety and the protection of Council infrastructure.

CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK

22. **Maintenance of Road Reserve**

The public footways and roadways adjacent to the site shall be maintained in a safe condition at all times during the course of the work.

Reason: Public Safety.

23. **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.

24. **Requirement to notify about new contamination evidence**

Any new information revealed during demolition works that has the potential to alter previous conclusions about site contamination (acid sulphates) or hazardous materials shall be immediately notified to the Council and the Principal Certifying Authority.

Reason: To protect human health and the environment.

25. **Safety requirements under storm conditions**

Works are not to be placed during storm conditions unless the owner/s obtains a written opinion from a suitably qualified coastal engineer that the placement of the works under these conditions does not present a significant safety risk to any person or will result in damage to the beach. This opinion is to be kept by the landowner until the works are completed. If adverse weather conditions are forecast, the works site is to be made safe (where practical) to avoid the dispersal of equipment and debris onto the beach and into the surf zone.

Reason: To ensure the safety of workers and the public during construction.

26. **Removal of unsuitable material**

Any existing rock or material encountered in the works area during construction of the works not incorporated into permanent protection works shall be removed by the owner/s, or used as backfill consistent with Item 3(g) of the Development Consent Operational Conditions herein and consistent with Council's Coastal Erosion Policy Section 9(d). This shall include the area excavated within a line extending from either longitudinal property boundary to the mean low water mark. Confirmation of this requirement is to be provided to Council by the engineer supervising the works.

Reason: To ensure that all unsuitable material is removed from the beach.

27. **Sand**

No sand excavated from the beach seaward of the subject properties to construct the works is to be placed landward of or buried under the protection works before, during or after construction. All such sand shall be placed seaward of or over the works. The sand shall be screened to remove unsuitable material as required.

Reason: To avoid damage to the beach.

28. **Site Supervision**

A suitably qualified coastal engineer is to be employed to supervise construction for the duration of the approved works.

Reason: To ensure appropriate construction of the coastal protection works.

29. **Historic Artefacts and Aboriginal relics**

If any World War Two era tank traps or any Aboriginal objects (or other historic artefacts) are uncovered during the works, Council is to be notified immediately. In the event of any Aboriginal object being uncovered, all requirements (including the duty to notify) under the National Parks and Wildlife Act 1974 must be met.

Reason: To protect historic heritage and ensure any artefacts and Aboriginal objects are safely removed/dealt with.

30. **Completion of Construction Works**

All construction works must be completed within 12 months of the on-site commencement of the construction works.

Reason: To ensure the works are completed in a timely manner.

31. **Removal of All Temporary Structures/Material and Construction Rubbish (crown land**

only)

Once construction has been completed all silt and sediment fences, silt, rubbish, building debris, straw bales and temporary fences are to be removed from the site.

Details demonstrating compliance are to be submitted to Council.

Reason: To ensure bushland management. (DACPLE01)

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

Measures used for erosion and sediment control on building sites are to be adequately maintained at all times and must be installed in accordance with Warringah Council Specifications for Erosion and Sediment Control. All measures shall remain in proper operation until all development activities have been completed and the site fully stabilised.

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

Reason: To protect the environment from the effects of sedimentation and erosion from development sites. (DACPLE02)

33. **Site fencing requirements**

Construction site safety fencing and/or hoarding is to be provided in accordance with Workcover requirements. Such fencing and/or hoarding is to be erected wholly within the works area unless prior approval from Council is obtained.

Reason: For safety purposes.

34. **Damage**

Any damage or injury caused to a public road, beach, council reserve or associated structures including footpaths, drains, kerb and gutter utility services as a consequence of the development works is to be made good at the cost of the landowners.

Reason: To make good any damage to public roads and other public assets.

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

35. **Post-Construction Dilapidation Survey**

A post-construction Dilapidation Survey of Council's Stormwater Assets is to be prepared by a suitably qualified person in accordance with Council's Guidelines for Preparing a Dilapidation Survey of Council Stormwater Asset in order to determine if the asset has been damaged by the works. Council's Guidelines are available at <https://www.warringah.nsw.gov.au/sites/default/files/documents/general-information/stormwater-and-development/2014-119050-guidelines-preparing-dilapidation-survey-council-stormwater-assets-april-2014.pdf>

The post construction dilapidation report must be submitted to the Council for review and the Certifying Authority prior to the issue of the Occupation Certificate. Any damaged to Council's stormwater infrastructure is to be rectified in accordance with Council's technical specifications prior to the release of the security bond.

Reason: Protection of Council's Infrastructure.

36. **Certification of works**

The constructed coastal protection works are to be certified by a suitably qualified coastal engineer as being constructed in accordance with the approved design and performance criteria. Details demonstrating compliance are to be submitted to the Principal Certifying Authority prior to approval of an occupation certificate. This certification is to be provided to Council on issue of the Occupation Certificate.

Reason: To ensure appropriate design and construction of coastal protection works.

37. Restoration of sand and vegetation

The coastal protection works are to be covered in sand and vegetation (local native species as per Revegetation Report (Wiesner 2017) or other native species known to occur locally in the area and should be planted at recommended density of 4 plants per square metre) upon completion of the rock works.

Details are to be provided to the Principal Certifying Authority prior to the issue of the Occupation Certificate. These details are to be provided to Council on issue of the Occupation Certificate.

Reason: To limit the impact of the works on the visual quality of the beach.

38. Surveys During Works and Post completion survey

A declaration by a registered surveyor is required as evidence that all construction has been effected in accordance with the Development Consent, approved plans and specifications in the Consent. Details demonstrating compliance are to be submitted to the Principal Certifying Authority prior to approval of an occupation certificate. Survey plans and a declaration are to be provided to Council on issue of the Occupation Certificate.

Reason: To ensure accurate location of coastal protection works.

39. Waste Management Confirmation

Prior to the issue of a Final Occupation Certificate, evidence / documentation must be submitted to the Principal Certifying Authority that all waste material from the development site arising from demolition and/or construction works has been appropriately recycled, reused or disposed of generally in accordance with the approved Waste Management Plan.

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

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

40. Ongoing maintenance of the Coastal Protection Works and beach amenity

The coastal protection works must be maintained in accordance with the Development Consent, conditions, approved plans and specifications as outlined in this consent. The maintenance must be to a standard that does not compromise the protection or integrity of the adjoining land.

Sufficient access for the maintenance of the coastal protection works is to be maintained landward of the coastal protection works in accordance with the easement for construction, support and maintenance identified in Deferred Commencement Condition 3.

Any debris on the beach resulting from damage or failure of the coastal protection works must be rectified by the owner or owners of the works that are the source of the damage, as part of maintaining the works as per condition 43 of this consent. If required the financial arrangements established in condition 15 of this consent may be utilised in accordance with any written consent that may be issued by Council.

Reason: To satisfy the requirements of Section 55M of the Coastal Protection Act 1979 and to ensure that the coastal protection works will not pose any significant threat to public safety.

41. **Compliance with the requirements of the Department of Industry – Crown Land for occupation of public land**

The applicant shall at all times comply with any requirements of the Department of Industry – Crown Land for the lawful occupation for the works on public land.

Reason: To enforce any terms of occupation of the adjoining public land subject of this development consent as required by the owner of that land.

42. **Post storm inspection**

After any storm event that exposes any part of the coastal protection works to damage, that impacts the support or performance on the works (including if directed by Council in writing that such an event has occurred), the owners are to procure, at their cost, inspections by a suitably qualified coastal engineer of the coastal protection works. A detailed report is to be provided by this coastal engineer and any recommendations within the report are to be undertaken as soon as reasonably practicable after necessary approvals are obtained.

Reason: To ensure the coastal protection works are maintained after a storm event.

43. **Removal of debris**

The owners must obtain all necessary approvals and then remove debris from any adjoining public land if part of the coastal protection works is dispersed onto that land, with such removal to be done as soon as reasonably practicable to the satisfaction of Council and, if necessary, the Crown, at no cost to Council. If required the financial arrangements established in condition 7 of this consent may be utilised in accordance with any written consent that may be issued by Council.

Note: Debris will be taken to have been deposited from the coastal protection works seaward of Lot 1 DP 170202, Lot A DP 167490, Lot 1 DP 121939, Lot 5 DP 10757, Lot 4 DP 10757, Lot 3 DP 10757, Lot 2 DP 10757, Lot 1 DP 10757, Lot 6 Sec 13 DP 111254 and Lot 7 Sec 13 DP 111254, if rocks of the same type and dimensions as those on the coastal protection works at and seaward of Lot 1 DP 170202, Lot A DP 167490, Lot 1 DP 121939, Lot 5 DP 10757, Lot 4 DP 10757, Lot 3 DP 10757, Lot 2 DP 10757, Lot 1 DP 10757, Lot 6 Sec 13 DP 111254 and Lot 7 Sec 13 DP 111254 are found on public land within a line extending from either longitudinal boundary to the mean low water mark.

Reason: To ensure the safety of the public beach.

44. **Time limited consent**

The consent operates for 60 calendar years from the date of the issue of the occupation certificate and such other period as may be extended with the written approval of Council in accordance with the following.

A minimum of three (3) years prior to the date of 60 years after the issue of the occupation certificate for the works, the owners shall, jointly and severally procure, at no cost to Council, a report, by a suitably qualified independent coastal engineer, which reviews the performance of the works to ensure it provides the necessary protection ('Review Report').

The Review Report shall be submitted to the Council for consideration not later than twelve (12) months prior to the date of 60 years after the issue of the occupation certificate.

If appropriate, the Review Report may recommend an extension to the 60 year design life for an extra period of time consistent with evidence and coastal hazard predictions at that time. Similarly, if appropriate, the Review Report may recommend actions to upgrade the works to extend the design life for an extra period of time consistent with evidence and coastal hazard predictions at that time.

If the Review Report recommends demolition and removal of the coastal protection works in the interest of public safety, such removal will be undertaken by the owners at their expense.

If the Review Report recommends removal and replacement of the structure with an alternative design, the replacement structure will be the subject of a further development application for consent to Council.

If the Review report concludes that the structure is satisfactory (or is capable of being rendered satisfactory) the Council may, in writing, approve an extension of the term of the development consent for the period recommended in the report, or such lesser time as the Council considers appropriate.

Any written approval from the Council extending the consent is to be recorded on the 149 Certificate for the land and Council's register of development consents.

A further Review Report will be provided a minimum of twelve (12) months prior to the end of the extended design life, on each extension.

Reason: The development application indicates that the coastal protection works have a design life of 60 years.

Right to Review by the Council

You may request Council review the determination of the application under Section 82A of the Environmental Planning & Assessment Act 1979 if it is NOT integrated or designated development. Any request to review the application must be made and determined within 6 months from the date of determination.

NOTE: A fee will apply for any request to review the determination.

Right of Appeal

If you are dissatisfied with this decision Section 97 of the Environmental Planning & Assessment Act 1979 may give you the right to appeal to the Land and Environment Court within 6 months after the date on which you receive this notice.

Signed On behalf of the Consent Authority



Name Steven Findlay, Manager Development Assessments

Date 05/09/2018

GENERAL ADVICE

Advisory Notes (General)

Where are you in the development process?



Note: The advice within this document is provided in good faith as a guide to assist applicants understand the broad process and will not detail every step or every requirement for demolition, building construction works or subdivision required or business operating requirements under New South Wales or Commonwealth Legislation. If you require clarification or have any questions, please contact your Certifier or Council's Planning and Development Enquiries Team.

The attached Notice of Determination includes conditions of consent which must be complied with.

(Note: A failure to gain approval prior to the works being carried out is a serious breach of the Environmental Planning & Assessment Act 1979 which attracts penalties and may also result in legal action.)

Building Certification

The Environmental Planning and Assessment Act 1979 provides that:

- Building work cannot occur unless a construction certificate has been issued;
- Occupation of building works cannot occur unless an occupation certificate has been issued
- Subdivision cannot be registered until a subdivision certificate has been issued
- Mandatory Inspection for building work must be completed

Please refer to process chart for more detail.

(Note: A failure to gain approval prior to the works being carried out is a serious breach of the Environmental Planning & Assessment Act 1979 which attracts penalties and may also result in legal action.)

Certification Services

Construction Certificates / Occupation Certificates / Subdivision Certificates / Strata Certificates, can be issued by Council or an accredited private certifier (Note Council must be the Principal Certifying Authority (PCA) for subdivisions).

Council is well placed to provide Certification Services. Council can issue Construction Certificates and act as your Principle Certifying Authority at competitive rates. Please visit our web site www.northernbeaches.nsw.gov.au or speak to our Customer Service Officers if you have any further questions about our Certification Services or if you wish to use Council as your certifier.

Charges Associated with the Development Consent

All bonds, fees, (s94A) Development Contributions or the Long Service Levy detailed within the Notice of Determination are required to be paid prior to the issuing of any Construction Certificate.

Bonds are released after:

1. 'Final Occupation Certificate' has been received by Council; and
2. Final inspection by a Council Officer where:
 - the development is complete
 - damage has not been caused to council assets during the works
 - conditions of development consent have been met.

The bond will be released to the person or business who paid the bond to Council (The name that appears on the original receipt)

Acceptable Form of Security Bonds

Council will accept bank guarantee (in a form acceptable to Council) in lieu of cash and is required prior to the issue of a construction certificate.

Modifications to the consent

If you seek to make any changes to the development (which may include internal / external configuration of the building, variation to facades, site layout or any changes to the proposed operation or use), the modifications may require the submission and approval of an application to modify the development consent prior to the issuing of a Construction Certificate and prior to the works being

carried out. The proposed changes should be discussed with the PCA.

(Note: A failure to gain approval prior to the works being carried out is a serious breach of the Environmental Planning & Assessment Act 1979 which attracts penalties and may also result in legal action.)

Other Matters not detailed within the Notice of Determination

The Notice of Determination does not stipulate every requirement that must be completed to satisfy New South Wales and Commonwealth legislation.

You should check, as may be relevant, with other authorities including but not limited to:

- Workcover NSW for work safety and asbestos requirements
- Sydney Water – Quick Check Agent for the provision of water and sewer services
- Energy & Gas suppliers for utility services
- Department of Fair Trading for advice about builders and licensing
- Building Professionals Board for advice about private certifiers
- NSW Roads and Maritime Services for works on state roads only
- Human Rights and Equal Opportunity Commission for access issues
- NSW Land and Property Information for Land Title matters
- Australia Post for the positioning and dimensions of mail boxes in new commercial and residential developments;

Dial Before You Dig

Underground assets may exist in the area that is subject to your application. In the interests of health and safety and in order to protect damage to third party assets please contact Dial before you dig at www.1100.com.au or telephone on 1100 before excavating or erecting structures (This is the law in NSW). If alterations are required to the configuration, size, form or design of the development upon contacting the Dial before You Dig service, an amendment to the development consent (or a new development application) may be necessary. Individuals owe asset owners a duty of care that must be observed when working in the vicinity of plant or assets. It is the individual's responsibility to anticipate and request the nominal location of plant or assets on the relevant property via contacting the Dial before you dig service in advance of any construction or planning activities.

Telecommunications Act 1997 (Commonwealth)

Telstra (and its authorised contractors) are the only companies that are permitted to conduct works on Telstra's network and assets. Any person interfering with a facility or installation owned by Telstra is committing an offence under the Criminal Code Act 1995 (Cth) and is liable for prosecution. Furthermore, damage to Telstra's infrastructure may result in interruption to the provision of essential services and significant costs. If you are aware of any works or proposed works which may affect or impact on Telstra's assets in any way, you are required to contact :Telstra's Network Integrity Team on Phone Number 1800810443.

(1) if the development is likely to disturb or impact upon telecommunications infrastructure, written confirmation from the service provider that they have agreed to the proposed works must be submitted

to the Principal Certifying Authority prior to the issue of a Construction Certificate or any works commencing, whichever occurs first; and

(2) The arrangements and costs associated with any adjustment to telecommunications infrastructure shall be borne in full by the applicant/developer.

Model

If you submitted a model with the application it must be collected from the Council offices within fourteen (14) days of the date of this determination. Models not collected will be disposed of by Council.

Trade waste agreement

A Trade Waste Agreement must be obtained from Sydney Water prior to the discharge of trade wastewater to the sewer system. Trade wastewater is defined as 'discharge water containing any substance produced through industrial or commercial activities or operation on the premises'.

Waste collection

Liquid and solid wastes generated on the site must be collected, transported and disposed of in accordance with the requirements of the Protection of the Environment Operations Act 1997. Records must be kept of all waste disposal from the site.

Material to be removed from the site must be source separated on site to maximise recycling, and the material disposed of to an appropriate disposal and recycling facility in accordance with the approved Waste Management Plan.

Aboriginal Heritage

If in undertaking excavation or works and any Aboriginal site or object is, or is thought to have been found, all works are to cease immediately and the applicant is to contact the Aboriginal Heritage Officer for Warringah Council, and the Cultural Heritage Division of the Department of Environment and Climate Change (DECC).

On-Site Sewage Management System

This approval does not authorise the installation or operation of a new or modification of an existing on-site wastewater management system. An On-Site Sewage Management System must not be installed or operated unless an 'Approval to Install an On Site Sewage Management System' is obtained from Warringah Council.

Cost of Works

The applicant shall bear the cost of all works associated with the development that occurs on Council's property.

Relocation of stormwater drainage

Council is not responsible for the cost of relocating Council's stormwater drainage pipes through the subject property.

Tree preservation

Where tree work has not been approved by this Development Consent the developer is notified that a general Tree Preservation Order applies to all trees in the Northern Beaches Local Government Area. This order prohibits the ringbarking, cutting down, topping, lopping, pruning, transplanting, injuring, or wilful destruction of such trees except without the prior written consent of Council.

Storage bins on footpath and roadway

Approval is required from Council prior to the placement of any storage bin on Council's footpath and/or roadway.

Protection of Public Places

- (1) If the work involved in the erection or demolition of a building:
- (a) is likely to cause pedestrian or vehicular traffic in a public place to be obstructed or rendered inconvenient; or
 - (b) building involves the enclosure of a public place,

a hoarding and site fencing must be erected between the work site and the public place.

- (2) If necessary, an awning is to be erected, sufficient to prevent any substance from, or in connection with, the work falling into the public place.
- (3) The work site must be kept lit between sunset and sunrise if it is likely to be hazardous to persons in the public place.
- (4) Any such hoarding, fence or awning is to be removed when the work has been completed.
- (5) No access across public reserves or parks is permitted.

Note: Prior to the erection of any temporary fence or hoarding over property owned or managed by Council, written approval must be obtained.

Road Opening Permit

The developer/applicant is to obtain a "Road Opening Permit" from Council and pay all appropriate charges prior to commencement of any work on Council property. The developer/applicant shall be responsible for all public utilities and services in the area of the work, and as such shall notify all relevant Authorities, and bear all costs associated with any repairs and/or adjustments as those Authorities may deem necessary.

Special Permits

Unless otherwise specifically approved in writing by Council, all works, processes, storage of materials, loading and unloading associated with the development are to occur entirely on the property. The applicant, owner or builder must apply for specific permits available from Council. A minimum of forty-eight (48) hours notice is required for all permits except work zones, which may require additional assessment time.

- Permit for on-street mobile plant

Restrictions apply to the hours of operation and the area of operation for on street mobile plant equipment (for example cranes, concrete pumps, cherry pickers). Separate permits are required for each occasion and each piece of equipment. It is the responsibility of the applicant, owner and builder to take whatever steps are necessary to ensure that the use of any equipment does not violate adjoining property owner's rights.

- Hoarding Permit

Permits are required to erect Class A, Class B and Class C hoardings. If an 'A' Class hoarding is to alienate a section of Council's property, that section will require a permit for the occupation of Council's property.

- Storage of building materials and building waste containers (skips) on Council's property

Permits to utilise Council property for the storage of building materials and building waste containers (skips) are required for each location. Failure to obtain the relevant permits will result in the building materials or building waste containers (skips) being impounded by Council with no additional notice being given.

- Kerbside restrictions, work zones

Existing kerbside restrictions apply. An application must be made to Council for the alteration of existing kerbside restrictions or the provision of a construction zone.

Other permits may include out of construction hours permits.

Licensing requirements for removal of bonded asbestos

Anyone who removes, repairs or disturbs bonded asbestos must hold a bonded or a friable asbestos licence, or a demolition licence in accordance with Workcover requirements and the Occupational Health and Safety Act 2000.

Pool Access

Access to pools are required to be restricted by a child resistant barrier in accordance with the regulations prescribed in all relevant Acts, Regulations and Australian Standards including:

- (i) Swimming Pools Act 1992;
- (ii) Swimming Pools Amendment Act 2012;
- (iii) Swimming Pools Regulation 2008
- (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

It is your responsibility as a land owner to ensure any fencing is maintained.

Dewatering

Where dewatering works are required on the development site during construction, the developer/applicant must apply for and obtain a bore license from the NSW Department of Water and Energy. The bore license must be obtained prior to commencement of dewatering works.

Requirement to Notify about New Contamination Evidence

Any new information revealed during works that has the potential to alter previous conclusions about site contamination or hazardous materials shall be immediately notified to Council and the Principal Certifying Authority.

Flood Evacuation Plan

If your site is on flood prone land you may wish to consider the preparation of a flood evacuation plan.

Generally a Flood Evacuation Plan would be prepared by suitably qualified Engineer (e.g. Hydraulic) with a number of years experience in flood management and who is eligible for Membership to the Australian Institute of Engineers.

Some matters that you may wish to consider (but not limited to) include:

- (i) a route of evacuation to higher ground and / or point of shelter
- (ii) depth of water for a Possible Maximum Flood event surrounding the building
- (iii) details of 'last chance' evacuation water levels / times for evacuation prior to floodwaters surrounding the building
- (iv) provide details of flood warning systems and protocols
- (v) details of how this information will be distributed and people educated for users of the site.

You may seek to discuss this with the State Emergency Service of NSW.

Utility Service Requirements

Where development requires the installation of, or the relocation of utility services being (but not limited to) gas, water, electricity and telecommunications, the installation of, or the relocation of utility services shall be conducted in accordance with the requirements of the relevant service provider / authority (unless stipulated by any other condition of the consent or will result in damage to threatened or endangered species defined under the Threatened Species Conservation Act 1995).

Plant & Equipment Kept Within Site

All plant and equipment used in the erection of the building, including concrete pumps, wagons, lifts, mobile cranes, etc, shall be situated within the boundaries of the site and so placed that all concrete slurry, water, debris and the like shall be discharged onto the building site, and is to be contained within the site boundaries. This does not prevent any requirement to comply with the Protection of the Environment Operations Act.

Lighting

Illumination of the site is to be arranged in accordance with the requirements of Australian Standard 4282 - 1997 Control of the obtrusive effects of outdoor lighting so as not to impact upon the amenity of the occupants of adjoining and nearby residential premises.

Silt and Sediment Control

During any onsite demolition, excavation and construction works, the site should be maintained in accordance with "The Blue Book - Managing Urban Stormwater (MUS): Soils and Construction".

In managing the site provision shall be made throughout the period of works to prevent transmission of soil to the public road, drainage system, any riparian lands or off site in any manner. Upon completion of the development, any measures to prevent the transition of soil off site to remain in place until the site is stabilised.

A failure to prevent the transmission of silt and sediment and / or causing, water pollution, air pollution, noise pollution or land pollution may result in a breach of the Protection of the Environment Operations Act and orders, penalties and prosecutions may occur.

Maintenance of Sediment and Erosion Control Erosion and sediment controls are to be adequately maintained and monitored at all times, particularly after periods of rain.

Reason: To avoid erosion and sedimentation impacts that will result in an adverse change in watercourse or riparian land condition

Installation and Maintenance of Sediment and Erosion Control

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

Dividing Fences Act 1991

The construction and maintenance of side boundary fences is to be agreed upon by all adjoining property owners of the fence. Works are to be in accordance with the Dividing Fences Act 1991.

OTHER MATTERS

Child Care Centres

A license to operate a child care centre must be obtained from the NSW Department of Community Services prior to the commencement of the use of the child care centre.

Disability Access

This decision does not ensure compliance with the Commonwealth Disability Discrimination Act 1992. Applicants are strongly advised to investigate their requirements under that Act

Food Premises

Food premises are required to comply with the requirements of the Food Act 2003, the Food Standards Code and Australian Standards.

The proprietor of a food business must notify the NSW Food Authority of the details of the business. Notification may be done either online at www.foodnotify.nsw.gov.au or by lodging a completed NSW Food Authority notification form to the NSW Food Authority or Council.

Wheel washing facility

All trucks leaving the site, having had access to unpaved or contaminated areas, shall depart via a wheel wash facility in order to prevent mud, dust or debris from being deposited on Council's roads. The wheel wash facility shall be constructed prior to any truck movements occurring. Water from the wheel wash facility must not cause pollution. Any direction of Council with regard to cleaning trucks or the clean up of road pavements adjoining the site shall be complied with immediately.

Monitoring State of Roadways

The applicant shall monitor the state of roadways leading to and from the site and shall take all necessary steps to clean up any adversely impacted road pavements as directed by Council.

Storage of Dangerous Goods

Prior to the storage of any "dangerous goods" on the premises, a copy of a license obtained from the Chemical Safety Branch of Work Cover Authority must be submitted to Council.

Storage of Flammable and Combustible Liquids

Flammable and combustible liquids must be stored in accordance with Australian Standard 1940 The Storage and Handling of Flammable and Combustible Liquids.

Noise and Vibration

The premises, including operation of vehicles, shall be conducted so as to avoid offensive noise or vibration and cause no interference to adjoining or nearby occupants. Special precautions must be taken to avoid nuisance in neighbouring residential areas, particularly from machinery, vehicles, warning sirens, public address systems and the like.

Hairdressing/Beauty Treatment/ Skin penetration Requirements

The premises must comply with the following requirements before the commencement of business:

- i) A hand wash basin with warm water delivered through a common spout must be provided in the treatment area. The hand wash basin must be provided with liquid soap and paper towel.
- ii) The wall behind the hand wash basin from the floor to a height of 450mm above the top of the washbasin and from the centre of the washbasin to a distance of 140mm beyond each side of the wash basin, must be finished with a material that is durable, smooth, impervious to moisture and capable of being easily cleaned (eg tiles).
- iii) The premises must be provided with washing, drainage, ventilation and lighting that are adequate for the carrying out of hairdressing/beauty treatment/skin penetration procedures.
- iv) The floor coverings must be smooth and impervious.

- v) All furniture, shelves and fittings must be constructed of, or covered with a material that is smooth, impervious to moisture and capable of being easily cleaned.
- vi) Adequate lockers must be provided for the storage of employees clothing and personal effects.
- vii) The premises must be provided with facilities that are adequate for the purpose of storing of hairdressing/beauty treatment/skin penetration appliance and utensils.
- viii) The premises must be provided with a sink sullied with hot and cold water for washing equipment.

Food Premises Construction Requirements

The food premises must comply with the following specific construction requirements:

Solid walls must be provided in all food handling areas (solid includes brick, cement and foam filled preformed panels);

- ix) Walls in food preparation and wash up areas must be finished with a smooth and impervious surface to a height of at least 2 metres.
- x) Hand wash basins must be provided with warm water delivered through a common spout with taps that are hands free operation;
- xi) Coving with a radius of 25mm must be provided between all floor and wall joints in food handling areas;
- xii) The open space between the top of the coolroom and the ceiling must be fully enclosed and kept insect and pest proof;
- xiii) The coolroom must be able to be opened from the inside with out a key and fitted with an alarm that can only be operated from within the coolroom;
- xiv) The doors to the toilet air lock and toilet compartment must be tight fitting and self closing;
- xv) The rear external door must be self closing or be provided with a fly screen that is self closing;
- xvi) Where cooking or extensive heating processes or such other processes as may be specified are carried out in food preparation areas, an approved mechanical ventilation system shall be installed and operated in accordance with AS 1668 part 1 & 2.

Legionella Control

Cooling towers, warm water systems, water cooling systems must be registered with the Council. Details of registration are to be provided to the Council prior to operation.

Pool/Spa Safety

Owners of properties with swimming pools and spa's must meet safety compliance and registration requirements. Provisions also apply when renting/selling properties. Details are available from the Division of Local Government.

Grease Trap

Contact Sydney Water to determine what trade waste provisions you are required to provide to your food premises. Should a grease trap be required by Sydney Water, it must be located in an area that is easily accessible for the removal of waste water and must not be installed in any kitchen, food preparation or food stage area. The design and location of the grease trap should also not impede on any commercial right of way or pedestrian access.

Bandicoot/Penguin

Long-nosed Bandicoots & Little Penguins – Best Practices for Residents Residents are encouraged to follow a number of *Best Practices* to assist with the protection and management of the endangered populations of Long-nosed Bandicoots and Little Penguins:

- Long-nosed Bandicoots, Little Penguins and other native animals should never be fed as it may cause them nutritional problems, hardship if supplementary feeding is stopped, and it may increase predation.
- Feral cats or foxes should never be fed or food left out where they can access it, such as rubbish bins without lids or pet food bowls, as these animals present a significant threat to Long-nosed Bandicoots, Little Penguins and other wildlife.
- The use of insecticides, fertilisers, poisons and/or baits should be avoided on the property.

Garden insects will be kept in low numbers if Long-nosed Bandicoots are present.

- When the North Head Long-nosed Bandicoot Recovery Plan is released it should be implemented where relevant.
- Dead Long-nosed Bandicoots or Little Penguins should be reported by phoning Manly Council on 9976 1500 or Department of Environment and Conservation on 9960 6266.
- Please drive carefully as vehicle related injuries and deaths of Long-nosed Bandicoots and Little Penguins have occurred in the area. Care should also be taken at night in the drive way when moving cars as bandicoots will seek shelter beneath vehicles.
- Cat/s and or dog/s that currently live on the property should be kept indoors at night to avoid disturbance/death of native animals. Ideally, when the current cat/s and/or dog/s that live on the property no longer reside on the property it is recommended that they not be replaced by new dogs or cats.
- Report all sightings of feral rabbits, feral or stray cats and/or foxes to N B Council.