



Mr P & Mrs R Etherington  
C/- COSO Architecture  
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PYRMONT NSW 2009

D60/22  
JD(CIS)

**ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979 AS AMENDED  
NOTICE OF DETERMINATION – Deferred Commencement**

*Issued under Section 4.18 of the Environmental Planning and Assessment Act 1979 (“the Act”). Clause 87 of the Environmental Planning and Assessment Regulation 2021 (“the Regulation”)*

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**Development Application Number:** 60/22

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**Land to which this applies:** 58 Cowdroy Avenue, Cammeray  
Lot No.: 33, DP: 8933

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**Applicant:** Mr P Etherington  
C/- COSO Architecture

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**Proposal:** Demolition of existing dwelling and associated works and construction of a dwelling house and associated works.

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**Determination of Development Application:**

The development application was considered by the **North Sydney Local Planning Panel (NSLPP)** on 3 May 2023. Subject to the provisions of Section 4.17 of the Environmental Planning and Assessment Act 1979, deferred commencement consent has been granted, subject to conditions in the notice of determination.

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**Date of Determination:** 3 May 2023

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**Reason for Deferred Commencement:**

The Panel considers the proposed development is satisfactory subject to amendments, in the context of the area and surrounding development. Furthermore, with the amendments to the roof line the principle of view sharing has been considered having regard to the extent of views from the waterfront properties in the area. The Panel notes that the steep topography in the vicinity translates into significant variations to the height standard.

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The Panel does not support the height of the retaining wall to accommodate the swimming pool on the western boundary and amended plans for the pool and associated facilities and landscaping are required.

With respect to the processing of the development application the Panel is satisfied this complies with the necessary requirements. Similarly, the survey levels have been verified.

The Panel has determined that approval is warranted subject to a deferred commencement.

**Deferred Commencement Time Frame:** 6 Months

**Date of Lapsing:** 3 November 2023

**How community views were taken into account:**

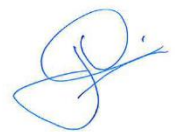
The submissions received by Council were addressed in the NSLPP report (see Council's website: <https://www.northsydney.nsw.gov.au/downloads/file/2372/lpp01-58-cowdroy-avenue-cammeray-da6022-may-2023>)

**Review of determination and right of appeal:**

Consideration should be given to providing the evidence to Council to allow sufficient time to consider the same and form a view as to whether the deferred commencement conditions are satisfied or not. Within 6 months after the date of notification of the decision, a review of this determination can be requested under Division 8.2 of the Act or an appeal to the Land and Environment Court made pursuant to the provisions of Section 8.7 of the Act. A review of determination should be lodged as soon as possible, and preferably no later two months after the date of notification of the decision to enable the review to be completed within the six-month period.

**Endorsed for and on behalf of North Sydney Council**

**23 May 2023**  
DATE



Signature on behalf of consent authority  
JIM DAVIES  
**EXECUTIVE PLANNER**

(i) **Conditions**

Consent is granted subject to the following conditions imposed pursuant to Section 4.17 of the Environmental Planning & Assessment Act 1979 ("the *Act*") and the provisions of the Environmental Planning & Assessment Regulation 2000 ("the *Regulation*") such conditions being reasonable and relevant to the development as assessed pursuant to Section 4.17 of the Act.

(ii) **Definitions**

Unless specified otherwise, words have the same meaning as defined by the *Act*, the *Regulation* and the *Interpretation Act* 1987 as in force at the date of consent.

***Applicant*** means the applicant for this consent.

***Approved Plans*** means the plans endorsed by Council referenced by this consent as amended by conditions of this consent.

***AS*** or ***AS/NZS*** means Australian Standard® or Australian/New Zealand Standard®, respectively, published by Standards Australia International Limited.

***NCC*** means the National Construction Code as published by the Australian Building Codes Board as in force at the date of issue of any *Construction Certificate*.

***Council*** means North Sydney Council.

***Court*** means the Land and Environment Court.

***Local Native Plants*** means species of native plant endemic to North Sydney LGA.

***Stormwater Drainage System*** means all works, facilities and documentation relating to:

- The collection of stormwater,
- The retention of stormwater,
- The reuse of stormwater,
- The detention of stormwater,
- The controlled release of stormwater; and
- Connections to easements and public stormwater systems.

***Owner*** means the owner of the *site* and successors in title to the *site*.

***Owner Builder*** has the same meaning as in the *Home Building Act* 1989.

***Principal Certifier*** for building or subdivision work means the certifier appointed as the principal certifier for the building work under section 6.6 (1) or for the subdivision work under section 6.12 (1).

**Principal Contractor** for building work means the person responsible for the overall coordination and control of the carrying out of the building work.

Note: If any residential building work is involved, the principal contractor must be the holder of a contractor licence under the *Home Building Act 1989*.

**Professional Engineer** has the same meaning as in the *NCC*.

**Public Place** has the same meaning as in the *Local Government Act 1993*.

**Road** has the same meaning as in the *Roads Act 1993*.

**SEE** means the final version of the Statement of Environmental Effects lodged by the *Applicant*.

**Site** means the land being developed subject to this consent.

**NSLEP 2013** means *North Sydney Local Environmental Plan 2013*

**NSDCP 2013** means *North Sydney Development Control Plan 2013*

**Work** for the purposes of this consent means:

- the use of land in connection with development,
- the subdivision of land,
- the erection of a building,
- the carrying out of any work,
- the use of any site crane, machine, article, material, or thing,
- the storage of any waste, materials, site crane, machine, article, material, or thing,
- the demolition of a building,
- the piling, piercing, cutting, boring, drilling, rock breaking, rock sawing or excavation of land,
- the delivery to or removal from the *site* of any machine, article, material, or thing, or
- the occupation of the *site* by any person unless authorised by an *occupation certificate*.

Note: **Interpretation of Conditions** – Where there is any need to obtain an interpretation of the intent of any condition this must be done in writing to Council and confirmed in writing by Council.

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**AA. Deferred Commencement Conditions**

This consent shall not operate until the following deferred commencement condition has been satisfied.

**The applicant must satisfy Council as to the matters specified in the deferred commencement conditions within 6 Months of the date of the grant of this consent.**

**If the applicant fails to satisfy Council as to the matters specified in the deferred commencement condition within 6 Months of the date of the grant of this consent, it will lapse in accordance with Section 4.16(3) of the Environmental Planning and Assessment Act 1979.**

**Amended Plans**

- AA1 (1) The roof to the upper level (open plan living area Level 03) shall be re-designed to achieve a lower profile as follows:
- a) The rooftop garden shall be deleted;
  - b) The maximum floor to ceiling height at the northern edge shall be 2800mm;
  - c) Maximum pitch of the roof shall not exceed 5 degrees;
  - d) A step may be provided from the mid-line of the roof to accommodate clerestory windows for natural light and ventilation to the open plan living room.
- (2) Fixed louvred/slatted privacy screens a minimum 1.6m high, measured from finished floor level shall be installed on the eastern and western edges of the balcony to the Upper Level (Level 03) adjacent to the open plan living room.
- a) A fixed privacy screen 1.8m high, measured from the finished floor level of the patio to the eastern side of the outdoor kitchen space at the Lower Level (Level 01).
  - b) The balustrade to the northern edge of the steps and retaining walls below the foreshore building line shall be an open palisade form and finished in black.
  - c) The swimming pool coping level, retaining walls and planter beds surrounding the swimming pool are to be lowered (and or/the pool may be re-oriented). The swimming pool coping level shall be reduced to generally comply with the requirements of Part B Section 1 Control 1.5.10 to the North Sydney Development Control Plan 2013. The swimming pool and associated structures must be setback a minimum 1.2m from the side boundaries. Screen planting is to be provided between the pool and the western site boundary. Details shall be indicated on the amended Landscape Plan.
  - d) The landscaped area immediately north of the swimming pool and patio area currently shown at RL 9.8 (approx.) shall include cascading plants along the northern edge of the retaining wall.
  - e) All retaining walls including ancillary drainage management and footings must be contained entirely within the site boundaries.

- f) Additional canopy trees that with a mature height of 4 to 5m are to be planted within the foreshore area (between levels RL4.2 to RL4.8). The location and species are to be nominated in the amended Landscape Plan.
- g) The understorey to the 3 x *Corymbia maculata* (100l) shall be densely planted with suitable species of low maintenance native shrubs in addition to the 3 x *Cyathea australis* to optimize the variety of planting in the deep soil area. Additional planting shall be included in the amended Landscape Plan.
- h) The pathway from the Cowdroy Avenue boundary to the front door within the tree root zone of this required *Angophora costata* must remain substantially unpaved to minimise soil compaction and to enable water infiltration for future growth and vitality of the tree. Details of the pathway construction are to be specified in the construction and landscape plans and be approved by the project arborist.
- i) The existing *Jacaranda Mimosifolia* (Tree 1 in the Arborists Report) shall be retained and protected in accordance with the recommendations of the Jacksons Nature Works report dated 8 March 2021.
- j) The tree protection measures contained in the arborist report shall be shown clearly on the Architectural drawings and amended Landscape Plan.

(Reason: To ensure the building has acceptable bulk and scale and does not diminish neighbourhood amenity.)

**This consent shall not operate until such time as the written approval from Council's Manager Development Services stating that the requirements of this condition has been satisfied.**

**Upon satisfaction of the deferred commencement condition, the following standard conditions apply:**

**A. Conditions that Identify Approved Plans**

**Development in Accordance with Plans/Documentation**

- A1. The development must be carried out in accordance with the following drawings and documentation and endorsed with Council's approval stamp, except where amended by the following conditions of this consent.

Plan No.	Issue	Title	Drawn by	Received
MD01		Existing site plan	COSO Architecture	January 2020
MD02		Existing North Elevations	COSO Architecture	January 2020
MD03		Existing South Elevations	COSO Architecture	January 2020
MD04		Existing East Elevations	COSO Architecture	January 2020
MD05		Existing West Elevations	COSO Architecture	January 2020
MD06		Existing Section A-A	COSO Architecture	January 2020
DA00a		Proposed Demolition Plan	COSO Architecture	December 2021
DA00b		Bulk Excavation Diagrams	COSO Architecture	December 2021
DA01		Site Plan	COSO Architecture	March 2023
DA02		Lower level floor plan	COSO Architecture	October 2022
DA03		Mid level floor plan	COSO Architecture	October 2022



DA04		Upper level floor plan	COSO Architecture	October 2022
DA05		Entry level floor plan	COSO Architecture	March 2023
DA06		Section A-A	COSO Architecture	March 2023
DA07		Section B-B and C-C	COSO Architecture	October 2022
DA08		Section D-D	COSO Architecture	March 2023
DA09		West Elevations	COSO Architecture	October 2022
DA10		North Elevation and South Elevation	COSO Architecture	March 2023
DA11		East Elevations	COSO Architecture	October 2022
DA17		External Materials/Finishes Palette	COSO Architecture	October 2022
DA20		Concept Hydraulic and Sedimentation Plan	COSO Architecture	December 2021
S.1.01 & S1.02 – Ref S7723	B	Driveway Crossing Plan and Sections	D'Ambrosio Consulting Structural Engineers	
S2.01, S2.02, S3.01, S3.02 & S3.03 – Ref S7723	02	Excavation and Demolition Methodology Plan and Engineers Details	D'Ambrosio Consulting Structural Engineers	22 March 2023
2019-174		Geotechnical Investigations	Crozier Geotechnical Consultants	October 2019
220639 - 01FB		Construction Traffic Management Plan	McLaren Traffic Engineers	26 October 2022
HB-19036 L-01, L-02, L-03, L-04, L-05, L2001 & L2002		Amended Landscape Plan	HABIT8 Landscape Architecture and Urbanism	18 November 2022
		Arborist Report	Jacksons Nature Works	8 March 2021
		Waste Management Plan	Anthony Solomon	4 December 2019

(Reason: To ensure that the form of the development undertaken is in accordance with the determination of Council, Public Information)

### Plans on Site

- A2. A copy of all stamped approved plans, specifications and documents (including the plans, specifications and documents submitted and approved with the Construction Certificate) must be kept on site at all times so as to be readily available for perusal by any officer of Council or the Principal Certifying Authority.

All documents kept on site in accordance with this condition must be provided to any officer of the Council or the certifying authority upon their request.

(Reason: To ensure that the form of the development undertaken is in accordance with the determination of Council, Public Information and to ensure ongoing compliance)

**B. *Matters to be Completed before the lodgement of an Application for a Construction Certificate***

**Construction Management Program - Local Traffic Committee Approval**

- B1. A Construction Management Program prepared by a suitably qualified and experienced traffic consultant must be submitted for consideration by the North Sydney Traffic Committee and approved in writing by North Sydney Council's Traffic Division PRIOR TO THE ISSUE OF ANY Construction Certificate. Any use of Council property will require appropriate approvals prior to any work commencing.

At a minimum, the Construction Management Program must specifically address the following matters:

- a) A plan view (min 1:100 scale) of the entire site and frontage roadways indicating:
  - i. Dedicated temporary construction site driveway entrances and exits, controlled by a certified traffic controller, to safely manage pedestrians and construction related vehicles in the frontage roadways and footways;
  - ii. The proposed signage for pedestrian management to comply with the relevant Australian Standards, including pram ramps;
  - iii. Turning areas within the site for construction and spoil removal vehicles, allowing a forward egress for all construction vehicles on the site;
  - iv. The locations of any proposed Work Zones in the frontage roadways (to be approved by Council's Traffic Committee);
  - v. Locations of hoardings proposed;
  - vi. Location of any proposed crane standing areas;
  - vii. A dedicated unloading and loading point within the site for all construction vehicles, plant and deliveries;
  - viii. Material, plant and spoil bin storage areas within the site, where all materials are to be dropped off and collected; and
  - ix. The provision of an on-site parking area for employees, tradesperson and construction vehicles as far as possible.
- b) A detailed heavy vehicle access route map through the Council area to Arterial Roads. Provision is to be made to ensure through traffic is maintained at all times.
- c) The proposed phases of works on the site, and the expected duration of each phase.
- d) How access to neighbouring properties will be maintained at all times and the proposed manner in which adjoining property owners will be kept advised of the timeframes for completion of each phase of process.
- e) The road is not to be used as a waiting area for trucks delivering to or awaiting pick up of materials.
- f) The proposed method of support to any excavation adjacent to adjoining properties, or the road reserve. The proposed method of support is to be designed and certified by an appropriately qualified and practising structural engineer and must not involve any permanent or temporary encroachment onto Council's property.

- g) Proposed protection for Council and adjoining properties. Details are to include site fencing and the provision of "B" class hoardings over footpaths and laneways.
- h) A Waste Management Plan. The Waste Management Plan must include, but not be limited to, the estimated volume of waste and method of disposal for the construction and operation phases of the development, design of on-site waste storage and recycling area and administrative arrangements for waste and recycling management during the construction process.

All traffic control work and excavation, demolition and construction activities must be undertaken in accordance with the approved Construction Management Program and any conditions attached to the approved Program. A certificate of compliance with this condition must be obtained from Council's development engineers. The certificate and the approved Construction Management Program must be submitted as part of the documentation lodged with the application for approval of a construction certificate. A copy of the approved Construction Management Program and any conditions imposed on that Program, must be kept on the site at all times and made available to any officer of Council upon request.

Notes:

- 1) North Sydney Council's adopted fee for certification of compliance with this condition shall be payable on lodgement, or in any event, prior to the issue of the relevant approval.
- 2) Any use of Council property will require appropriate approvals and demonstration of liability insurances prior to such work commencing.
- 3) Failure to provide complete and detailed information may result in delays. It is recommended that your Construction Management Plan be lodged with Council as early as possible, as a **minimum six (6) weeks' assessment period** is required, including referral to the Traffic Committee.
- 4) Dependent on the circumstances of the site, Council may request additional information to that detailed above.

(Reason: To ensure appropriate measures have been considered for site access, storage and the operation of the site during all phases of the demolition process in a manner that respects adjoining owner's property rights and residential amenity in the locality, without unreasonable inconvenience to the community)

**C. Prior to the Issue of a Construction Certificate (and ongoing, where indicated)**

**Design Changes**

- C1. The following design changes are to be included in plans approved with the Construction Certificate to the satisfaction of the Principal Certifier:
  - a) Louvred/slatted privacy screens a minimum 1.6m high from finished floor level shall be affixed to the eastern and western edges of the balcony to the Upper Level (Level 03) adjacent to the open plan living room to obscure direct lines of sight between the balcony and the neighbouring properties;
  - b) A fixed privacy screen shall be affixed to the eastern side of the outdoor kitchen space at the Lower Level (Level 01) to obscure direct lines of sight between the outdoor kitchen space and the neighbouring property at No.2 Folly Point;

- c) The schedule of external materials, colours and finishes shall be amended to replace the zinc roof with a roofing material that is non-reflective and is a colour and tone which matches or complements the natural features of the environment to ensure that excessive glare or reflectivity nuisance from roofing materials does not occur as a result of the development;
- d) The schedule of external materials, colours and finishes shall be amended to change the colour of the render from off-white to a colour and tone which is non-reflective and which matches or complement the tones of the natural environment to ensure a high quality finish to the development in a visually prominent location;
- e) The balustrade to the northern edge of the steps and retaining walls below the foreshore building line shall be open in form to reduce the visual impact of built structures in the foreshore area;
- f) The landscaping area immediately north of the swimming pool and patio area at approximately RL 9.8 is to include planting of cascading plants along the northern edge to screen the outer face (waterway side) of the retaining wall and reduce the visual impact of built structures in the foreshore area;
- g) All retaining walls including ancillary drainage management and footings are to be contained entirely within the site boundaries to protect the integrity of adjoining sites;
- h) One (1) additional canopy tree suitable to reach a mature height of 4 to 5m is to be planted within the foreshore area level (RL4.2 to RL4.8) to improve the quality and diversity of vegetation within the foreshore area and to visually offset the bulk and scale of built structures as viewed from the waterway. The location and species are to be nominated in the amended Landscape Plan to the satisfaction of the PCA prior to the issue of the Construction Certificate;
- i) The understorey to the 3 x *Corymbia maculata* (100l) shall be densely planted with suitable species of low maintenance native shrubs in addition to the 3 x *Cyathea australis* to optimize the variety of planting in the deep soil area to compensate for the removal of the variety of existing vegetation. Additional plantings shall be included in the amended Landscape Plan to the satisfaction of the PCA prior to the issue of a Construction Certificate;
- j) The pathway from the front boundary with Cowdroy Avenue to the front entry door within the tree root zone of the new *Angophora costata* is to be decking or pervious paving to optimize soil depth and infiltration for future growth of the tree. Details of the pathway construction are to be specified in the construction and landscape plans submitted with the Construction Certificate;

## Tree Management

C2. Tree protection, planting and removal shall be carried out as specified below:

- a) The tree protection measures contained in the arborist report shall be shown clearly on the Construction Certificate drawings. Plans and specifications showing the said tree protection measures must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The Certifying Authority must ensure the construction plans and specifications submitted, referenced on and accompanying the issued Construction Certificate fully satisfy the requirements of this condition to ensure appropriate tree protection measures remain in place for the duration of demolition and construction activities.
- b) Trees numbered T2, T3, T4, T8, T9, T10 and T11 are approved for removal with this development consent.
- c) T1 Jacaranda mimosifolia (8m), T5 Eucalyptus pilularis (18m), T6 Jacaranda mimosifolia (8m), T7 Chamaecyparis obtusa 'Crippsii' (6m), T12 Schefflera actinophylla (5m), and all other neighbouring and public trees shall be protected in accordance with AS4970. All trees that are specifically nominated to be retained by notation on plans or by condition as a requirement of this consent must be maintained and protected during demolition, excavation and construction on the site in accordance with AS4970-2009 (Protection of trees on development sites). A report containing recommendations, and methods of tree protection prepared by an appropriately qualified person must be provided to the Certifying Authority for approval by an appropriately qualified person prior to commencement of any works on the site. Any recommendations must be undertaken for the duration of works on the site.
- d) A project arborist (AQ5) shall be appointed to oversee all works within the TPZ of any protected tree.
- e) All tree protection measures contained within the approved arborist report shall be strictly adhered to at all times during site preparation, demolition, excavation, construction, to completion of the development.
- f) Sensitive construction techniques including hand excavation, pier and beam construction and flexible location of piers/footings shall be carried out within the TPZ of any protected tree and only under the supervision of the project arborist. No roots greater than 40mm shall be cut, no pruning shall be permitted.
- g) No stormwater or other services shall be directed through the Tree Protection Zone (TPZ) of any protected tree in order to suitably protect the trees to be retained.

- h) 1.8m high steel mesh tree protection fencing shall be erected along the entire length of the Cowdroy Ave slip road (northern boundary), and all trees and vegetation located within, including but not limited to 1 x *Grevillea robusta* (13m) 1 x *Eucalyptus pilularis* , 1 x *Pittosporum undulatum* (9m), 3 x *Ficus rubiginosa*, 1 x *Eucalyptus pilularis* & T5,T6 shall be protected in accordance with AS4970, shall have additional trunk and branch protection installed as required, no pruning shall be permitted. A collective tree bond of \$98,000 shall be applied and held by North Sydney Council. The bond shall be paid prior to the commencement of any works on the site (including any demolition and tree removal). The bond will not be released until the issue of an Occupation Certificate and the written verification from the project arborist that all works have been completed in accordance with this development consent is submitted to North Sydney Council. It should be noted that the use of this slip road for heavy vehicles and machinery is considered to pose a high risk of mechanical damage to these trees if not carefully protected.

(Reason: To ensure appropriate protection, planting and removal of trees in relation to the development)

#### **Dilapidation Report Damage to Public Infrastructure**

- C3. A dilapidation survey and report (including photographic record) must be prepared by a suitably qualified consultant which details the pre-developed condition of the existing public infrastructure in the vicinity of the development site. Particular attention must be paid to accurately recording any pre-developed damaged areas so that Council is fully informed when assessing any damage to public infrastructure caused as a result of the development. A copy of the dilapidation survey and report is to be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate.

The developer may be held liable for all damage to public infrastructure in the vicinity of the site, where such damage is not accurately recorded and demonstrated as pre-existing under the requirements of this condition.

The developer shall bear the cost of carrying out works to restore all public infrastructure damaged as a result of the carrying out of the development, and no occupation of the development shall occur until damage caused as a result of the carrying out of the development is rectified.

A copy of the dilapidation survey and report must be lodged with North Sydney Council by the Certifying Authority with submission of the Construction Certificate documentation.

(Reason: To record the condition of public infrastructure prior to the commencement of construction)

**Dilapidation Survey Private Property (Neighbouring Buildings)**

- C4. A photographic survey and dilapidation report of adjoining properties Nos. 2 Folly Point and 56 Cowdroy Avenue detailing the physical condition of those properties, both internally and externally, including, but not limited to, such items as walls, ceilings, roof, structural members and other similar items, SHALL BE submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The survey and report are to be prepared by an appropriately qualified person agreed to by both the applicant and the owner of the adjoining property. A copy of the report is to be provided to Council, if Council is not the Certifying Authority, prior to the issue of any Construction Certificate.

All costs incurred in achieving compliance with this condition shall be borne by the person entitled to act on this Consent.

In the event that access for undertaking the photographic survey and dilapidation report is denied by an adjoining owner, the applicant MUST DEMONSTRATE, in writing, to the satisfaction of Council that all reasonable steps have been taken to obtain access and advise the affected property owner of the reason for the survey and that these steps have failed. Written concurrence must be obtained from Council in such circumstances.

Note: This documentation is for record keeping purposes only and may be used by an applicant or affected property owner to assist in any action required to resolve any dispute over damage to adjoining properties arising from the works. It is in the applicant's and adjoining owner's interest for it to be as full and detailed as possible.

(Reason: Proper management of records)

**Geotechnical Report**

- C5. Prior to issue of any Construction Certificate a Geotechnical/Civil Engineering report must be prepared which addresses at a minimum (but is not limited to) the following:
- a) the type and extent of substrata formations by the provision of a minimum of four (4) representative bore hole logs which are to provide a full description of all material from ground surface to 1.0 m below the finished basement floor level and include the location and description of any anomalies encountered in the profile. The surface and depth of the bore hole logs must be related to Australian Height Datum;
  - b) the appropriate means of excavation/shoring in light of point (a) above and proximity to adjacent property and structures. Potential vibration caused by method of excavation and potential settlements affecting nearby footings/foundations must be discussed and mechanisms to ameliorate any such impacts recommended;
  - c) the proposed method to temporarily and permanently support the excavation for the basement adjacent to adjoining property, structures and road reserve if nearby (full support must be provided within the subject site);
  - d) the existing groundwater levels in relation to the basement structure, where influenced;

- e) the drawdown effects on adjacent properties (including road reserve), if any, the basement excavation will have on groundwater together with the appropriate construction methods to be utilised in controlling groundwater. Where it is considered there is the potential for the development to create a “dam” for natural groundwater flows, a groundwater drainage system must be designed to transfer groundwater through or under the proposed development without a change in the range of the natural groundwater level fluctuations. Where an impediment to the natural flow path is constructed, artificial drains such as perimeter drains and through drainage may be utilised; and
- f) recommendations to allow the satisfactory implementation of the works. An implementation program is to be prepared along with a suitable monitoring program including control levels for vibration, shoring support, ground level and groundwater level movements during construction. The implementation program is to nominate suitable hold points at the various stages of the works for verification of the design intent before sign-off and before proceeding with subsequent stages.

The geotechnical report must be prepared by an appropriately qualified consulting geotechnical/hydrogeological engineer with previous experience in such investigations and reporting.

It is the responsibility of the consulting geotechnical/hydrological specialist to undertake the appropriate investigations, reporting and specialist recommendations to ensure a reasonable level of protection to adjacent property and structures both during and after construction. The report must contain site-specific geotechnical recommendations and shall specify the necessary hold/inspection points by relevant professionals as appropriate.

The design principles for the geotechnical report are as follows:

- a) no ground settlement or movement is to be induced which is sufficient enough to cause an adverse impact to adjoining property and/or infrastructure;
- b) no changes to the ground water level are to occur as a result of the development that are sufficient enough to cause an adverse impact to the surrounding property and infrastructure;
- c) no changes to the ground water level are to occur during the construction of the development that are sufficient enough to cause an adverse impact to the surrounding property and infrastructure;
- d) vibration is to be minimised or eliminated to ensure no adverse impact on the surrounding property and infrastructure occurs, as a result of the construction of the development;
- e) appropriate support and retention systems are to be recommended and suitable designs prepared to allow the proposed development to comply with these Design Principles; and
- f) an adverse impact can be assumed to be crack damage as identified within the relevant Australian Standard for determining such damage.

The report, satisfying the requirements of this condition, must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate.



The professional recommendations, implementation program, monitoring program, mitigation measures and the like contained in the report must be implemented in full during the relevant stages of excavation and construction.

(Reason: To ensure the structural integrity of the subject site and adjoining sites during the excavation process)

### **Sediment Control**

- C6. Where construction or excavation activity requires the disturbance of the soil surface or existing vegetation, erosion and sediment control techniques, as a minimum, are to be in accordance with the publication *Managing Urban Stormwater: Soils and Construction* (4th edition, Landcom, 2004) commonly referred to as the “Blue Book” or a suitable and effective alternative method.

A Sediment Control Plan must be prepared and submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate and prior to any works commencing. The Sediment Control Plan must be consistent with the Blue Book and disclose:

- a) All details of drainage to protect and drain the site during the construction processes;
- b) All sediment control devices, barriers and the like;
- c) Sedimentation tanks, ponds or the like;
- d) Covering materials and methods; and
- e) A schedule and programme of the sequence of the sediment and erosion control works or devices to be installed and maintained.
- f) Methods for the temporary and controlled disposal of stormwater during construction.

All works must be undertaken in accordance with the approved Sediment Control plan.

The Certifying Authority must ensure that the building plans and specifications submitted, referenced on and accompanying the issued Construction Certificate, fully satisfy the requirements of this condition.

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

### **Waste Management Plan**

- C7. A Waste Management Plan is to be submitted for approval by the Certifying Authority prior to the issue of any Construction Certificate. The plan must include, but not be limited to:

- a) The estimated volume of waste and method of disposal for the construction and operation phases of the development;
- b) The design of the on-site waste storage and recycling area; and
- c) Administrative arrangements for waste and recycling management during the construction process.

The approved Waste Management Plan must be complied with at all times in the carrying out of the development.

(Reason: To encourage the minimisation of waste and recycling of building waste)

### **Work Zone**

- C8. If a Work Zone is proposed, an application must be made to the North Sydney Local Traffic Committee to install the 'Work Zone'. A Work Zone permit is required to be issued by the Council prior to the issue of any Construction Certificate.

Work Zones are provided specifically for the set down and pick up of materials and not for the parking of private vehicles associated with the site. Works Zones will generally not be approved where there is sufficient space on-site for the setting down and picking up of goods being taken to or from a construction site. If the Work Zone is approved by the Committee, the Applicant must obtain a written copy of the related resolution from the North Sydney Local Traffic Committee and submit a copy of this to the Certifying Authority to enable issue of the Construction Certificate.

Where approval of the 'Work Zone' is given by the Committee, the requirements of the Committee, including installation of the necessary 'Work Zone' signage and payment of any fees, must occur prior to commencement of any works on the site. Further, at the expiration of the Work Zone approval, the developer is required to remove the Work Zone signs and reinstate any previous signs, all at the developer's cost. The requirements imposed by the Committee on the Work Zone permit (or permits) must be complied with at all times.

(Reason: Amenity and convenience during construction)

### **Maintain Property Boundary Alignment Levels**

- C9. Except where otherwise approved by Council, the property boundary alignment levels must match the levels which existed prior to the commencement of works. Plans and specifications which document existing and proposed levels adjacent to the site boundaries and which comply with the requirements of this condition must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate.

The Certifying Authority must ensure that the building plans and specifications submitted, referenced on and accompanying the issued Construction Certificate, fully satisfy the requirements of this condition.

(Reason: To ensure interface between property and public land remains uniform)

### **Stormwater Management and Disposal Design Plan - Construction Issue Detail**

- C10. Prior to issue of any Construction Certificate, the applicant shall have a site drainage management plan prepared by a qualified drainage design engineer. The site drainage management plan must detail the following requirements of North Sydney Council:

- a) compliance with BCA drainage requirements, Council's Engineering Performance guide and current Australian Standards and guidelines, such as AS/NZ3500.3.2 1998, National Plumbing and Drainage Code;

- b) stormwater runoff and subsoil drainage generated by the approved development must be conveyed in a controlled manner by gravity to the waterfront;
- c) all sub-soil seepage drainage shall be discharged via a suitable silt arrester pit. Details of all plans certified as being adequate for their intended purpose and compliant with the provisions of AS3500.3.2 by an appropriately qualified and practising civil engineer shall be submitted with the application for a Construction Certificate.
- d) the design and installation of the Rainwater shall comply with BASIX and Sydney Water requirements. Overflow from tank shall be connected by gravity to the stormwater disposal system.
- e) prevent any stormwater egress into adjacent properties by creating physical barriers and surface drainage interception.

Details demonstrating compliance are to be submitted with the Construction Certificate.

The Certifying Authority issuing the Construction Certificate must ensure that the approved drainage plan and specifications, satisfying the requirements of this condition, is referenced on and accompanies the Construction Certificate.

(Reason: To ensure controlled stormwater management and disposal without nuisance)

**Bond for Damage and Completion of Infrastructure Works - Stormwater, Kerb and Gutter, Footpaths, Vehicular Crossing and Road Pavement**

C11. Prior to the issue of any Construction Certificate, security deposit or bank guarantee must be provided to Council to the sum of \$4,000.00 to be held by Council for the payment of cost for any/all of the following:

- a) making good any damage caused to any property of the Council as a consequence of the doing of anything to which this consent relates,
- b) completing any public work (such as road work, kerbing and guttering, footway construction, stormwater drainage and [environmental controls](#)) required in connection with this consent.
- c) remedying any defects in any such public work that arise within six months after the work is completed.

The security required by this condition and in the schedule contained later in these conditions must be provided by way of a deposit with the Council; or other such guarantee that is satisfactory to Council (such as a bank guarantee). Any guarantee provided as security must name North Sydney Council as the nominated beneficiary and must not be subject to an expiry date.

The security will be refundable following the expiration of six months from the issue of any final Occupation Certificate or completion of public work required to be completed (whichever is the latest) but only upon inspection and release by Council's Engineers.

Council shall have full authority to make use of the bond for such restoration works as deemed necessary by Council in circumstances including the following:

- where the damage constitutes a hazard in which case Council may make use of the security immediately;
- the applicant has not repaired or commenced repairing damage within 48 hours of the issue by Council in writing of instructions to undertake such repairs or works;
- works in the public road associated with the development are to an unacceptable quality; and
- the Certifying Authority must ensure that security is provided to North Sydney Council prior to issue of any Construction Certificate.

(Reason: To ensure appropriate security for works on public land and an appropriate quality for new public infrastructure)

### **Tree Bond for Public Trees**

- C12. Prior to the issue of any construction certificate, security in the sum of \$98,000.00 must be provided to Council for the protection of trees in public places, including the making good of any damage caused to such trees. The security is to be provided in respect of the trees required to be protected by Condition C2.

The security required by this condition and in the schedule contained later in these conditions must be provided by way of a deposit with the Council; or other such guarantee that is satisfactory to Council (such as a bank guarantee). Any guarantee provided as security must name North Sydney Council as the nominated beneficiary and must not be subject to an expiry date.

The security will be refundable following the expiration of 6 months from the issue of any final Occupation Certificate but only upon inspection and release by Council's Landscape Development Officer.

If any tree is removed or damaged Council may deduct from this security the reasonable cost of replacement with a tree of the same species and to a similar stage of growth it would have attained at the completion of the work.

In the case of any tree, which cannot be replaced with a similar specimen, the security for that tree will be forfeited to Council and used to provide replacement street plantings.

(Reason: Protection of existing environment public infrastructure, community assets and significant trees)

### Hazardous Building Materials Inventory

- C13. Prior to the issue of a Construction Certificate, the entire site (including any structures) is to be assessed for hazardous materials, especially asbestos. A Hazardous Materials (HAZMAT) Report is to be prepared by a Type "A" Inspection body accredited by NATA. All recommendations contained within this report are to be implemented and a clearance certificate issued by an appropriately qualified Occupational Hygienist is to be submitted to Council prior to the issue of a Construction Certificate.

(Reason: Health and environmental safety)

### Section 7.12 Contributions

- C14. A monetary contribution pursuant to the provisions of Section 7.12 of the Environmental Planning and Assessment Act 1979 is to be paid to Council, in accordance with the North Sydney Council's Contribution Plan, to provide for local infrastructure improvements.

Based on the cost of development at the date of determination, the total contribution payable to Council is \$29,000.00

#### Indexation

The monetary contribution required under this consent will be indexed at the time of payment in accordance with quarterly movements in the Consumer Price Index (All Groups Index) for Sydney as published by the Australian Bureau of Statistics.

#### Timing of Payment

The contribution must be paid to Council prior to issue of any Construction Certificate for any work approved by this consent.

A copy of the North Sydney Contribution Plan can be viewed at North Sydney Council's Customer Service Centre, 200 Miller Street, North Sydney or downloaded via Council's website at [www.northsydney.nsw.gov.au](http://www.northsydney.nsw.gov.au).

(Reason: To provide for local infrastructure identified in the North Sydney Council Local Contributions Plan 2020)

### Security Deposit/Guarantee Schedule

- C15. All fees and security deposits/guarantees in accordance with the schedule below must be provided to Council prior to the issue of any Construction Certificate:

Security Deposit/Guarantee	Amount (\$)
Collective Tree Bond	\$98,000.00
Infrastructure Damage Bond	\$4,000.00
<b>TOTAL BONDS</b>	<b>\$102,000.00</b>

Note: The following fees applicable

Fees	
Section 7.12 Contributions	\$29,000.00
<b>TOTAL FEES</b>	<b>\$29,000.00</b>

The security required by the above schedule must be provided by way of a deposit with the Council; or other such guarantee that is satisfactory to Council (such as a bank guarantee). Any guarantee provided as security must name North Sydney Council as the nominated beneficiary and must not be subject to an expiry date.

(Reason: Compliance with the development consent)

#### Updated BASIX Certificate

- C16. An updated BASIX Certificate shall be submitted with the Construction Certificate matching the dwelling design as amended by the conditions of this consent. The amended BASIX Certificate shall be to the satisfaction of the PCA.

(Reason: To ensure the proposed development will meet the Government's requirements for sustainability and statutory requirements)

#### ***D. Prior to the Commencement of any Works (and continuing where indicated)***

##### **Public Liability Insurance - Works on Public Land**

- D1. Any person or contractor undertaking works on public land must take out Public Risk Insurance with a minimum cover of \$20 million in relation to the occupation of public land and the undertaking of approved works within Council's road reserve or public land, as approved by this consent. The Policy is to note and provide protection/full indemnification for North Sydney Council, as an interested party. A copy of the Policy must be submitted to Council prior to commencement of any works. The Policy must be valid for the entire period that the works are being undertaken.

Note: Applications for hoarding permits, vehicular crossings etc will require evidence of insurance upon lodgement of the application.

(Reason: To ensure the community is protected from the cost of any claim for damages arising from works on public land)

### Protection of Trees

- D2. All trees that are specifically nominated to be retained by notation on plans or by condition as a requirement of this consent must be maintained and protected during demolition, excavation and construction on the site in accordance with AS4970-2009 (Protection of trees on development sites). A report containing recommendations, and methods of tree protection prepared by an appropriately qualified person must be provided to the Certifying Authority for approval by an appropriately qualified person prior to commencement of any works on the site. Any recommendations must be undertaken for the duration of works on the site.

(Reason: To ensure compliance with the requirement to retain significant planting on the site)

### Sydney Water Approvals

- D3. Prior to the commencement of any works, the approved plans must be submitted to Sydney Water to determine whether the development application will affect Sydney Water's sewer and water mains, stormwater drains and/or easements, and if further requirements need to be met. The Certifying Authority must ensure that Sydney Water has appropriately stamped the plans before the commencement of building works.

*Notes: **Sydney Water Building Plan Approvals** can be obtained from the Sydney Water Tap in™ online service. Building plans must be submitted to the Tap in™ to determine whether the development will affect any Sydney Water sewer or water main, stormwater drains and/or easement, and if further requirements need to be met. For further information visit <http://www.sydneywater.com.au/tapin/index.htm> or call 13 000 TAP IN (1300 082 746) for further information.*

(Reason: To ensure compliance with Sydney Water requirements)

### Asbestos Material Survey

- D4. Prior to the commencement of any works, a report must be prepared by a suitably qualified person in relation to the existing building fabric to be demolished and/or disturbed identifying the presence or otherwise of asbestos contamination and, if asbestos contamination is present, making recommendations as to the work required to safely address the contamination.

Any demolition works or other works identified in the report as having to be carried out must be carried out in accordance with the recommendations of the report and the following:

- a) the removal of asbestos must be undertaken by a WorkCover licensed contractor;
- b) all removal must be in strict accordance with the requirements of the WorkCover Authority in relation to the removal, handling and disposal of material containing asbestos and any Work Safe Australia requirements.
- c) during the removal of any asbestos a sign stating "DANGER ASBESTOS REMOVAL IN PROGRESS" must be erected in a visible position at the boundary of the site; and
- d) Waste disposal receipts must be provided to the Certifying Authority as proof of correct disposal of asbestos laden waste.

The report must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The Certifying Authority must ensure that the report, and other plans, referenced on and accompanying the issued Construction Certificate, fully satisfy the requirements of this condition.

(Reason: To ensure the long-term health of workers on site and occupants of the building is not put at risk unnecessarily)

#### **Commencement of Works' Notice**

D5. Building work, demolition or excavation in accordance with this development consent must not be commenced until the developer has given at least two days' notice to North Sydney Council of the person's intention to commence building work, demolition or excavation in accordance with this development consent.

(Reason: To ensure appropriate safeguarding measures are in place prior to the commencement of any building work, demolition or excavation)

#### **E. During Demolition and Building Work**

##### **Cigarette Butt Receptacle**

E1. A cigarette butt receptacle is to be provided on the site for the duration of excavation/demolition/construction process, for convenient use of site workers.

(Reason: To ensure adequate provision is made for builders' waste)

##### **Parking Restrictions**

E2. Existing public parking provisions in the vicinity of the site must be maintained at all times during works. The placement of any barriers, traffic cones, obstructions or other device in the road shoulder or kerbside lane is prohibited without the prior written consent of Council. Changes to existing public parking facilities/restrictions must be approved by the North Sydney Local Traffic Committee. The Developer will be held responsible for any breaches of this condition and will incur any fines associated with enforcement by Council regulatory officers.

(Reason: To ensure that existing kerbside parking provisions are not compromised during works)

##### **Road Reserve Safety**

E3. All public footways and roadways fronting and adjacent to the site must be maintained in a safe condition at all times during the course of the development works, with no obstructions caused to the said footways and roadways. Construction materials and plant must not be stored in the road reserve without approval of Council. A safe pedestrian circulation route and a pavement/route free of trip hazards must be maintained at all times on or adjacent to any public access ways fronting the construction site.



Where public infrastructure is damaged, repair works must be carried out in when and as directed by Council officers (at full Developer cost). Where pedestrian circulation is diverted on to the roadway or verge areas, clear directional signage and protective barricades must be installed in accordance with AS1742-3 (1996) "Traffic Control Devices for Work on Roads". **If pedestrian circulation is not satisfactorily maintained across the site frontage, and action is not taken promptly to rectify the defects, Council may undertake proceedings to stop work.**

(Reason: Public Safety)

### Service Adjustments

- E4. Where required, the adjustment or inclusion of any new utility service facilities must be carried out by the person acting on the consent and in accordance with the requirements of the relevant utility authority. These works shall be at no cost to Council. It is the Applicant's full responsibility to make contact with the relevant utility authorities to ascertain the impacts of the proposal upon utility services at the appropriate stage of the development (including water, phone, gas and the like). Council accepts no responsibility whatsoever for any matter arising from its approval of this application involving any influence upon utility services provided by another authority.

(Reason: To ensure the service requirements are met)

### Temporary Disposal of Stormwater Runoff

- E5. During construction, stormwater runoff must be disposed in a controlled manner that is compatible with the erosion and sediment controls on the site. Immediately upon completion of any impervious areas on the site (including roofs, driveways, paving) and where the final drainage system is incomplete, the necessary temporary drainage systems must be installed to reasonably manage and control runoff as far as the approved point of stormwater discharge. Such ongoing measures must be to the satisfaction of the Certifying Authority.

(Reason: Stormwater control during construction)

### Geotechnical Stability during Works

- E6. A contractor with specialist excavation experience must undertake the excavations for the development and a suitably qualified and consulting geotechnical engineer must oversee the excavation procedure.

Geotechnical aspects of the development work, namely appropriate excavation method and vibration control, support and retention of excavated faces, and hydrogeological considerations must be undertaken in accordance with the recommendations of the Geotechnical Engineer and all subsequent geotechnical inspections carried out during the excavation and construction phase.

Approval must be obtained from all affected property owners, including North Sydney Council where rock anchors (both temporary and permanent) are proposed below adjacent private or public property.

(Reason: Ensure appropriate professional are engaged at appropriate stages during construction)

### **Council Inspection of Public Infrastructure Works**

E7. During the works on public infrastructure reverting to Council's care and control, Council's development engineer may undertake inspections of the works at the following hold points:

- a) Formwork for layback, kerb/gutter, footpath, etc

All works must proceed in accordance with Roads Act 1993 approvals or other permits relating to roads issued by Council. A minimum of 48 hours' notice must be given to Council to book an inspection. Work must not proceed until the works or activity covered by the inspection is approved.

(Reason: To ensure quality of construction joints and connections in the drainage system)

### **Progress Survey**

E8. In order to ensure compliance with approved plans, a Survey Certificate, to Australian Height Datum, must be prepared by a Registered Surveyor as follows:

- a) at the completion of the first structural floor level indicating the level of that floor and the relationship of the building to the boundaries;
- b) at the completed height of the building, prior to the placement of concrete in form work, or the laying of roofing materials; and
- c) at completion, the relationship of the building, and any projections thereto, to the boundaries.

Progress certifications in response to points (a) through (c) must be provided to the Certifying Authority for approval at the time of carrying out relevant progress inspections. In the event that such survey information is not provided or reveals discrepancies between the approved plans and the proposed works, all works, save for works necessary to bring the development into compliance with the approved plans, must cease. Works may only continue upon notification by the Certifying Authority to the Applicant that survey information (included updated survey information following the carrying out of works to comply with the approved plans) complies with this condition.

(Reason: To ensure compliance with approved plans)

### **Dust Emission and Air Quality**

E9. The following must be complied with at all times:

- (a) Materials must not be burnt on the site.
- (b) Vehicles entering and leaving the site with soil or fill material must be covered.
- (c) Dust suppression measures must be carried out to minimise wind-borne emissions in accordance with the NSW Department of Housing's 1998 guidelines - Managing Urban Stormwater: Soils and Construction.

- (d) Odour suppression measures must also be carried out where appropriate so as to prevent nuisance occurring at adjoining properties.

(Reason: To ensure residential amenity is maintained in the immediate vicinity)

#### Noise and Vibration

- E10. The works must be undertaken in accordance with the "Interim Construction Noise Guideline," published by the NSW Environment Protection Authority, to ensure excessive levels of noise and vibration do not occur so as to minimise adverse effects experienced on any adjoining land.

(Reason: To ensure residential amenity is maintained in the immediate vicinity)

#### Developer's Cost of Work on Council Property

- E11. The developer must bear the cost of all works associated with the development that occurs on Council's property, including the restoration of damaged areas.

(Reason: To ensure the proper management of public land and funds)

#### No Removal of Trees on Public Property

- E12. No trees on public property (footpaths, roads, reserves, etc.) unless specifically approved by this consent shall be removed or damaged during construction including for the erection of any fences, hoardings or other temporary works.

(Reason: Protection of existing environmental infrastructure and community assets)

#### Protection of Trees

- E13. All trees required to be retained, as part of this consent must be protected from any damage during construction works in accordance with AS4970-2009.

In the event that any tree required to be retained is damaged during works on the site, notice of the damage must be given to Council forthwith.

#### Notes:

- a. If the nominated tree is damaged to a significant degree or removed from the site without prior written approval being obtained from Council, the issuing of fines or legal proceedings may be commenced for failure to comply with the conditions of this consent.
- b. An application to modify this consent pursuant to Section 4.55(2) of the *Environmental Planning and Assessment Act 1979* will be required to address the non-compliance with any of the conditions of consent relating to the retention of nominated trees, and Council may require tree replenishment.

(Reason: Protection of existing environmental infrastructure and community assets)

## Benchmarks

E14. All permanent survey markers must be retained, undamaged, and not relocated.

(Reason: Protection of existing environmental infrastructure and community assets)

## Special Permits

E15. Unless otherwise specifically approved in writing by Council, all works, processes, storage of materials, loading and unloading associated with the development must occur entirely on the property.

The developer, owner or builder may apply for specific permits available from Council's Customer Service Centre for the undermentioned activities on Council's property. In the event that a permit is granted by Council for the carrying out of works, processes, storage of materials, loading and unloading associated with the development on Council's property, the development must be carried out in accordance with the requirements of the permit. A minimum of forty-eight (48) hours' notice is required for any permit:

### 1) On-street mobile plant

E.g., cranes, concrete pumps, cherry-pickers, etc. - restrictions apply to the hours of operation, the area of operation, etc. Separate permits are required for each occasion and each piece of equipment. It is the developer's, owner's and builder's responsibilities to take whatever steps are necessary to ensure that the use of any equipment does not violate adjoining property owner's rights.

(Reason: Proper management of public land)

### 2) Hoardings

Permits are required to erect Class A and Class B 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.

(Reason: Proper management of public land)

### 3) 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. Storage of building materials and waste containers on open space reserves and parks is prohibited.

(Reason: Proper management of public land)

4) **Kerbside restrictions, construction zones**

Attention is drawn to the existing kerbside restrictions adjacent to the development. Should alteration of existing kerbside restrictions be required, or the provision of a construction zone, the appropriate application must be made and the fee paid to Council. Alternatives to such restrictions may require referral to Council's Traffic Committee and may take considerable time to be resolved. An earlier application is suggested to avoid delays in construction programs.

(Reason: Proper management of public land)

**Construction Hours**

- E16. Construction activities and works approved under this consent must be carried out only within the hours stipulated in the following table:

Location	Standard Construction Hours	
	Day	Hours
All Other Zones	Monday - Friday	7.00 am - 5.00 pm
	Saturday	8.00 am - 1.00 pm
	Sunday, Public holiday	No work permitted

Demolition and excavation works must be restricted to within the hours of 8.00 am to 5.00 pm Monday to Friday only. For the purposes of this condition:

- a) "Building construction" means any physical activity on the site involved in the erection of a structure, cladding, external finish, formwork, fixture, fitting of service installation and the unloading of plant, machinery, materials or the like.
- b) "Demolition works" means any physical activity to tear down or break up a structure (or part thereof) or surface, or the like, and includes the loading of demolition waste and the unloading of plant or machinery.
- c) "Excavation work" means the use of any excavation machinery and the use of jackhammers, rock breakers, excavators, loaders, or 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 and includes the unloading of plant or machinery associated with excavation work.

All builders, excavators must display, on-site, their twenty-four (24) hour contact telephone number, which is to be clearly visible and legible from any public place adjoining the site.

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

### Out-of-hours' Work Permits

- E17. Where it is necessary for works to occur outside those hours allowed by these conditions, an application may be made to Council's Customer Services Centre for a permit to carry out works outside of the approved hours. If a permit is issued the works approved must be carried out in accordance with any requirements specified in the permit. Permits will only be approved if **public safety is at risk**. Applications which seek a variation to construction hours solely to benefit the developer will require the lodgement and favourable determination of a modification application pursuant to the provisions of Section 96 of the Environmental Planning and Assessment Act 1979.

#### Notes:

- 1) Failure to obtain a permit for work outside of the approved hours will result in on the spot fines being issued, or Council pursuing any action required (including legal proceedings) to have the out of hours work cease, without prior warning.
- 2) Applications for out of hour's works should be lodged with Council no later than seven (7) calendar days prior to the date of the intended works.
- 3) Examples of activities for which permits may be granted include:
  - the erection of awnings,
  - footpath, road and other infrastructure works which cannot be carried out for public convenience reasons within normal hours,
  - the erection and removal of hoardings and site cranes, and
  - craneage of materials which cannot be done for public convenience reasons within normal working hours.
- 4) Examples of activities for which permits WILL NOT be granted include;
  - extended concrete pours
  - works which are solely to convenience the developer or client, and
  - catch up works required to maintain or catch up with a construction schedule.
- 5) Further information on permits can be obtained from the Council website at [www.northsydney.nsw.gov.au](http://www.northsydney.nsw.gov.au).

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

### Installation and Maintenance of Sediment Control

- E18. Erosion and sediment controls must be installed and maintained at all times in accordance with the Sediment and erosion control plan submitted and approved with the Construction Certificate.

Erosion and sediment measures must be maintained in accordance with the publication Managing Urban Stormwater: Soils and Construction (4th edition, Landcom, 2004), commonly referred to as the "Blue Book" and can only be removed when development activities have been completed and the site fully stabilised.

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

### **Sediment and Erosion Control Signage**

- E19. A durable sign must be erected during building works in a prominent location on site, warning of penalties should appropriate erosion and sedimentation control devices not be maintained. A sign of the type referred to in this condition is available from Council.

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

### **Site Amenities and Facilities**

- E20. Where work involved in the erection and demolition of a building is being carried out, amenities which satisfy applicable occupational health and safety and construction safety regulations, including any WorkCover Authority requirements, must be provided and maintained at all times. The type of workplace determines the type of amenities required.

Further information and details can be obtained from the Internet at [www.workcover.nsw.gov.au](http://www.workcover.nsw.gov.au).

(Reason: To ensure the health and safety of the community and workers on the site)

### **Health and Safety**

- E21. All work undertaken must satisfy applicable occupational health and safety and construction safety regulations, including any WorkCover Authority requirements to prepare a health and safety plan. Site fencing must be installed sufficient to exclude the public from the site. Safety signs must be erected that warn the public to keep out of the site and provide a contact telephone number for enquiries.

Further information and details regarding occupational health and safety requirements for construction sites can be obtained from the internet at [www.workcover.nsw.gov.au](http://www.workcover.nsw.gov.au).

(Reason: To ensure the health and safety of the community and workers on the site)

### **Waste Disposal**

- E22. All records demonstrating the lawful disposal of waste must be retained and kept readily accessible for inspection by regulatory authorities such as North Sydney Council and the Environmental Protection Authority.

(Reason: To ensure the lawful disposal of construction and demolition waste)

### **F. Prescribed Conditions imposed under EP&A Act and Regulations and other relevant Legislation**

#### **National Construction Code**

- F1. All building work must be carried out in accordance with the provisions of the National Construction Code.

(Reason: Prescribed - Statutory)

### Home Building Act

- F2. 1) Building work that involves residential building work (within the meaning and exemptions provided in the Home Building Act 1989) for which the *Home Building Act* 1989 requires there to be a contract of insurance under Part 6 of that Act must not be carried out unless the Principal Certifying Authority for the development to which the work relates has given North Sydney Council written notice of the contract of insurance being issued and of the following:
- a) in the case of work for which a principal contractor is required to be appointed:
    - i) the name and licence number of the principal contractor, and
    - ii) the name of the insurer by which the work is insured under Part 6 of that Act, or
  - (b) in the case of work to be done by an owner-builder:
    - (i) the name of the owner-builder, and
    - (ii) if the owner-builder is required to hold an owner-builder permit under that Act, the number of the owner-builder permit.
- 2) If arrangements for doing residential building work are changed while the work is in progress such that the information submitted to Council in accordance with this conditions is out of date, work must cease and no further work may 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.

Note: A certificate purporting to be issued by an approved insurer under Part 6 of the Home Building Act 1989 that states that a person is the holder of an insurance policy issued for the purposes of that Part is, for the purposes of this clause, sufficient evidence that the person has complied with the requirements of that Part.

(Reason: Prescribed - Statutory)

### Appointment of a Principal Certifying Authority (PCA)

- F3. Building work, demolition or excavation in accordance with the development consent must not be commenced until the developer has appointed a Principal Certifying Authority for the building work in accordance with the provisions of the EP&A Act and its Regulations.

(Reason: Statutory: To ensure appropriate safeguarding measures are in place prior to the commencement of any building work, demolition or excavation)

### Construction Certificate

- F4. Building work, demolition or excavation in accordance with the development consent must not be commenced until a Construction Certificate for the relevant part of the building work has been issued in accordance with the provisions of the EP&A Act and its Regulations.

(Reason: Statutory: To ensure appropriate safeguarding measures are in place prior to the commencement of any building work, demolition or excavation)



### Occupation Certificate

- F5. A person must not commence occupation or use of the whole or any part of a new building (*new building* includes an altered portion of, or an extension to, an existing building) unless an Occupation Certificate has been issued in relation to the building or part. Only the Principal Certifying Authority appointed for the building work can issue an Occupation Certificate.

(Reason: Statutory)

### Critical Stage Inspections

- F6. Building work must be inspected by the Principal Certifying Authority on the critical stage occasions prescribed by the EP&A Act and its Regulations, and as directed by the appointed Principal Certifying Authority.

(Reason: Statutory)

### Commencement of Works

- F7. Building work, demolition or excavation in accordance with this development consent must not be commenced until the developer has given at least two (2) days' notice to North Sydney Council of the person's intention to commence the erection of the building.

(Reason: Statutory: To ensure appropriate safeguarding measures are in place prior to the commencement of any building work, demolition or excavation)

### Excavation/Demolition

- F8. 1) All excavations and backfilling associated with the erection or demolition of a building must be executed safely and in accordance with appropriate professional standards.
- 2) All excavations associated with the erection or demolition of a building must be properly guarded and protected to prevent them from being dangerous to life or property.
- 3) Demolition work must be undertaken in accordance with the provisions of AS2601-Demolition of Structures.

(Reason: To ensure that work is undertaken in a professional and responsible manner and protect adjoining property and persons from potential damage)

### Protection of Public Places

- F9. 1) A hoarding and site fencing must be erected between the work site and adjoining 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. Any application needs to be accompanied by plans indicating the type of hoarding and its layout. Fees are assessed and will form part of any approval given. These fees must be paid prior to the approval being given. Approval for hoardings will generally only be given in association with approved building works, maintenance or to ensure protection of the public. An application form for a Hoarding Permit can be downloaded from Council's website.

(Reason: To ensure public safety and the proper management of public land)

### Site Sign

- F10.
- 1) A sign must be erected in a prominent position on the site
    - a) stating that unauthorised entry to the work site is prohibited;
    - b) showing the name of the principal contractor (or person in charge of the work site), and a telephone number at which that person may be contacted at any time for business purposes and outside working hours; and
    - c) showing the name, address and telephone number of the Principal Certifying Authority for the work.
  - 2) Any such sign must be maintained while building work or demolition work is being carried out but must be removed when the work has been completed.

(Reason: Prescribed - Statutory)

### G. Prior to the Issue of an Occupation Certificate

#### Infrastructure Repair and Completion of Works

- G1. Prior to the issue of any Occupation Certificate any and all works relating to the development:
- a. in the road reserve must be fully completed; and
  - b. to repair and make good any damaged public infrastructure caused as a result of any works relating to the development (including damage caused by, but not limited to, delivery vehicles, waste collection, contractors, sub-contractors, concrete vehicles) must be fully repaired;

to the satisfaction of Council Engineers at no cost to Council.

(Reason: Maintain quality of public assets)

**Certification - Civil Works**

- G2. An appropriately qualified and practising Civil Engineer must certify to the Certifying Authority that the stormwater drainage system is constructed in accordance with this consent and the provisions of the applicable Australian Standard. A copy of the certificate must be submitted to Council (if it is not the Certifying Authority) upon completion of the development works and prior to the issue of an Occupation Certificate.

(Reason: Compliance with this consent)

**Damage to Adjoining Properties**

- G3. All precautions must be taken to prevent any damage likely to be sustained to adjoining properties. Adjoining owner property rights and the need for owner's permission must be observed at all times, including the entering onto land for the purpose of undertaking works.

(Reason: To ensure adjoining owner's property rights are protected)

**Utility Services**

- G4. All utility services shall be adjusted to the correct levels and/or location/s required by this consent, prior to issue of an occupation certificate. This shall be at no cost to Council.

(Reason: To ensure compliance with the terms of this consent)

**I. Ongoing/Operational Conditions**

**Air Conditioners and Swimming Pool Filters and Pumps in Residential Premises**

- I1. The use of any air conditioner, swimming pool filter and pump and vehicle turntable installed on the premises must comply with the requirements of the Protection of the Environment Operations (Noise Control) Regulations 2008 and State Environmental Planning Policy (Infrastructure) 2007 and must not:
- (a) emit a noise that is audible within a habitable room in any affected residence (regardless of whether any door or window to that room is open);
    - (i) before 8.00 am and after 8.00 pm on any Sunday or Public Holiday; or
    - (ii) before 7.00 am or after 8.00 pm on any other day
  - (b) cause an LAeq(15min) which exceeds the RBL background noise level by more than 5dB when measured at the boundary of any affected residence. The modifying factor adjustments in Section 4 of the EPA Industrial Noise Policy shall be applied.

"affected residence" includes residential premises (including any lot in the strata scheme or another strata scheme), premises for short-term accommodation and hospitals.

"boundary" includes any window or elevated window of an affected residence.

Terms in this condition have the same meaning as in the Noise Guide for Local Government and the Industrial Noise Policy published by the NSW Environment Protection Authority.

(Reason: To ensure noise generated by equipment does not result in offensive noise)

**Vehicle Turntable**

12. The vehicle turntable shall be always maintained in good working order and used to ensure vehicles do not reverse into the public road reserve as demonstrated by the approved swept path analysis to protect the safe operation of the public road.

(Reason: Maintain vehicular access to and from the site)