# Original signed by Robyn Pearson on 21/12/2017 Date determined: 12/12/2017

Date operates: 21/12/2017 Date lapses: 21/12/2022

Omar & Sunhee Hong C/- Fox Johnston Level 1, 268A Devonshire Street SURRY HILLS NSW 2010

> D144/17 RT (CIS)

# ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979 AS AMENDED ROADS ACT 1993, AND LOCAL GOVERNMENT ACT 1993 AS APPLICABLE

# Notice to Applicant of Determination of a Development Application

Pursuant to Section 81 of the Act, notice is given that Development Application No. 144/17 proposing demolition of an existing two storey detached dwelling and the construction of a part 4/5 storey detached dwelling on land described as 2 Cowdroy Avenue, Cammeray has been determined under delegated authority by the granting of consent subject to the conditions below. Where indicated, approval is also granted for works on public roads under the provisions of Section 138 of the Roads Act 1993 and Section 68 of the Local Government Act 1993. An index of conditions is also attached on the last page of this Notice.

## 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.

Drawing No.	Rev	Date	Drawn by	Received
A-100-000	D	04/10/17	Fox Johnston	4 October 2017
A-110-001	D	04/10/17	Fox Johnston	4 October 2017
A-110-002	D	04/10/17	Fox Johnston	4 October 2017
A-110-003	D	04/10/17	Fox Johnston	4 October 2017
A-110-004	D	04/10/17	Fox Johnston	4 October 2017
A-110-005	D	04/10/17	Fox Johnston	4 October 2017
A-110-006	D	04/10/17	Fox Johnston	4 October 2017
A-210-001	D	04/10/17	Fox Johnston	4 October 2017
A-210-002	D	04/10/17	Fox Johnston	4 October 2017
A-210-003	D	04/10/17	Fox Johnston	4 October 2017
A-210-004	D	04/10/17	Fox Johnston	4 October 2017
A-210-006	D	04/10/17	Fox Johnston	4 October 2017

(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)

#### No Demolition of Extra Fabric

A3. Alterations to, and demolition of the existing building shall be limited to that documented on the approved plans.

(Reason: To ensure compliance with the approved development)

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

## **Construction and Traffic Management Plan**

- Prior to issue of any Construction Certificate, a Construction and Traffic B1. Management Plan must be prepared. The following matters must be specifically addressed in this Plan:
  - A plan view (min 1:100 scale) of the entire site and frontage roadways a) indicating:
    - i. Dedicated construction site entrances and exits, controlled by a certified traffic controller, to safely manage pedestrians and construction related vehicles in the frontage roadways;
    - Signage type and location to manage pedestrians in the vicinity; ii.
    - The locations of any proposed Work Zones in the frontage roadways; iii.
    - Locations and type of any hoardings proposed; iv.
    - Area of site sheds and the like; v.
    - Location of any proposed crane standing areas; vi.
    - A dedicated unloading and loading point within the site for all vii. construction vehicles, plant and deliveries;
    - Material, plant and spoil bin storage areas within the site, where all viii. materials are to be dropped off and collected; and
    - The provision of an on-site parking area for employees, tradesperson ix. and construction vehicles as far as possible.

- b) A Traffic Control Plan(s) for the site incorporating the following:
  - i. Traffic control measures proposed in the road reserve that are in accordance with the RMS publication "Traffic Control Worksite Manual" and designed by a person licensed to do so (minimum RMS 'red card' qualification).
  - ii. The main stages of the development requiring specific construction management measures are to be identified and specific traffic control measures identified for each.
- c) A detailed description and map of the proposed route for vehicles involved in spoil removal, material delivery and machine floatage must be provided detailing light traffic roads and those subject to a load or height limit must be avoided at all time.

A copy of this route is to be made available to all contractors, and must be clearly depicted at a location within the site.

- d) A Waste Management Plan in accordance with the provisions of Part B Section 19 of the North Sydney DCP 2013 must be provided. 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;
- (e) Evidence of RMS concurrence where construction access is provided directly or within 20m of an Arterial and/or Classified Road;
- (f) A schedule of site inductions to be held on regular occasions and as determined necessary to ensure all new employees are aware of the construction management obligations. These must specify that construction-related vehicles to comply with the approved requirements; and
- (g) For those construction personnel that drive to the site, the Site Manager shall attempt to provide on-site parking so that their personnel's vehicles do not impact on the current parking demand in the area.

A suitably qualified and experienced traffic engineer or consultant must prepare the Construction and Traffic Management Plan.

As this plan has a direct impact on the local road network, it must be submitted to and reviewed by Council prior to the issue of any Construction Certificate. A certificate of compliance with this condition from Council's Development Engineers as to the result of this review must be obtained and must be submitted as part of the supporting documentation lodged with the Certifying Authority for approval of the application for a Construction Certificate.

The construction management measures contained in the approved Construction and Traffic Management Plan must be implemented prior to the commencement of, and during, works on-site.

All works must be undertaken in accordance with the approved Construction and Traffic Management Plan.

A copy of the approved Construction and Traffic Management Plan must be kept on the site at all times and be made available to any officer of the Council on request.

#### Notes:

- 1) North Sydney Council's adopted fee for certification of compliance with this condition must be paid upon 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 and Traffic Management Plan be lodged with Council as early as possible.
- 4) Dependent on the circumstances of the site, Council may request additional information to that detailed in the condition 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 and construction 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).

## **Amendments to Landscape Plan**

- C1. The applicant shall submit a final landscape plan for the subject site based on drawing numbered LA-01 Issue B, LA-02 Issue B, LA-03 Issue B, LA-04 Issue B, LA-05 Issue B, LA-06 Issue B and LA-07 Issue B, all dated 13/9/17, prepared by Johnston Fox, and incorporates the following modifications:
  - (a) Substitute plant species that are not commercially available with other locally indigenous species that are commercially available or able to be contract grown. The list of species is provided in the North Sydney Natural Area Survey 2010 vegetation community list for Angophora Foreshore Forest and Blackbutt Gully Forest;
  - (b) The number, pot size and mature height of all planting must be specified;
  - (c) Planting zone PT8, as shown on drawing numbered LA-06 Issue B, must be extended along the entire western property boundary to provide planting compatible to the adjoining bushland reserve;

- (d) Removal of exotic species planted on Council land currently used as part of the rear garden of the subject property to facilitate bushland regeneration of this area. Council's Bushland Management Co-ordinator must be consulted in the preparation of the list of exotic plants to be removed;
- (e) The height of boundary fence to Cowdroy Avenue must not exceed 1.1m as measured from the existing ground level of the footpath;
- (f) The height of the side fence along the western property boundary must not exceed 1.1m as measured from the ground level and must be open construction (such as mesh or palisade) in the setback between the northern building line and the harbour;
- (g) Excess water from pond must be directed to stormwater management system for the proposed development.

The final landscape plan and any supporting information must be submitted to Council for written approval by Council's Landscape Officer in consultation with Council's Bushland Management Co-ordinator.

Written concurrence from Council's Landscape Officer confirming compliance with 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 amended landscape plan and other plans and specifications submitted fully satisfy the requirements of this condition.

(Reason: To ensure desirable landscape outcomes for the subject site and the adjoining bushland.)

# **Dilapidation Report Damage to Public Infrastructure**

C2. 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 Report Private Property (Excavation)**

C3. A full dilapidation survey and report on the visible and structural condition of all neighbouring structures within the 'zone of influence' of the required excavations must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The zone of influence is to be defined as the horizontal distance from the edge of the excavation face to twice the excavation depth.

The dilapidation report and survey is to be prepared by a consulting structural/geotechnical engineer agreed to by both the applicant and the owner of any affected adjoining property.

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 dilapidation survey 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 the developer 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: To record the condition of property/ies prior to the commencement

of construction)

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

C4. A photographic survey and dilapidation report of adjoining properties No. 2A Cowdroy Avenue, Cammeray 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 is 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)

# Structural Adequacy of Adjoining Properties – Excavation Works

C5. A report prepared by an appropriately qualified and practising structural engineer detailing the structural adequacy of adjoining properties No. 2A Cowdroy Avenue, Cammeray which certifies their ability to withstand the proposed excavation and outlines any measures required to be implemented to ensure that no damage will occur to adjoining properties during the course of the works, must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The measures outlined in the certified report must be complied with at all times.

(Reason: To ensure the protection and structural integrity of adjoining

properties in close proximity during excavation works)

## **Geotechnical Report**

- C6. 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 1.0m 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**

C7. 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 & 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**

- C8. 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)

#### **Solar Panels**

C9. Solar panels must be mounted on the roof plane and sit no higher than 200mm above the roof plane.

Plans and specifications which comply with this condition must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate.

(Reason: To minimise the visual impact of the solar panels on the roof plane.)

#### **External Colours and Finishes**

C10. The external colours and finishes shall be compatible with surrounding development and the adjoining bushland.

A schedule of external colours and finishes 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 that the completed colours and finishes of the works are

compatible with surrounding development and the adjoining

bushland.)

# **Roofing Materials - Reflectivity**

C11. Roofing materials must be factory pre-finished with low glare and reflectivity properties to be compatible with the colours of neighbouring buildings. The selected roofing material must not cause a glare nuisance or excessive reflectivity to adjoining or nearby properties. Plans and specifications which comply with 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 that excessive glare or reflectivity nuisance from roofing

materials does not occur as a result of the development)

#### **Work Zone**

C12. 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 Works 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)

# Required Infrastructure Works -Roads Act 1993

C13. Prior to issue of any Construction Certificate engineering design plans and specifications must be prepared by a qualified civil design engineer. The plans and specifications must be to a detail suitable for construction issue purposes and must provide detail and specification for the following infrastructure works to be completed as part of the development. The responsibility for accuracy of the design fully rests with the designing engineer. All responsibility on implementation and supervision of works specified on design plans fully rests on designing engineer or whoever is chosen to be applicant's engineering representative:

## Road Works

- a) Construction of a fully new replacement concrete footpath and kerb & gutter is required across the entire site frontage in Cowdroy Avenue and in Stratford Street, up to the proposed vehicular access. A longitudinal section is required along the footpath property boundary at a scale of 1:50 extending 5m past the property boundary line. The footpath shall be designed (at a single straight grade of 3% falling to top of kerb) so that it is uniform without showing signs of dipping or rising particularly at entrances.
- b) A longitudinal section is required along the gutter line (existing and proposed levels), at a scale of 1:50 extending 5m past the property boundary line.
- c) Cross sections at a scale of 1:50 along the centre-line of each access point to the building must be provided and are to show the calculated clearance to the underside of any overhead structure. All the entry points are to comply with the Building Code of Australia (BCA), including disability requirements. The Council approved footpath levels must be accommodated at the building entry points.
- d) Construction of a fully new road shoulder (maximum grade 5% down towards new gutter) extending to 1.2 metres out from the gutter alignment and across the entire development site frontage.

Plans and specifications which comply with this condition must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate.

Certifying Authorities must not issue a Construction Certificate without the formal written approval of Council (as Roads Authority) under the Roads Act 1993.

The required plans and specifications are to be designed in accordance with North Sydney Council's current documents Infrastructure Specification for Road Works, Drainage and Miscellaneous Works and Performance Guide for Engineering Design and Construction. The drawings must detail existing utility services and trees affected by the works, erosion control requirements and traffic management requirements during the course of works. A detailed survey must be undertaken as required. Traffic management is to be certified on the drawings as being in accordance with the documents SAA HB81.1 – 1996 – Field Guide for Traffic Control at Works on Roads – Part 1 and RMS Traffic Control at Work Sites (1998). Construction of the works must proceed only in accordance with any conditions attached to the Council Roads Act 1993 approval.

Note:

A minimum of 21 days will be required for Council to assess Roads Act submissions. Early submission is recommended to avoid any delays in obtaining a Construction Certificate. A fee to cover cost of assessment (set out in Council's adopted fees and charges) is payable and Council will withhold any consent and approved plans until full payment of the correct fees. Plans and specifications must be marked to the attention of Council's Development Engineers. In addition, a copy of this condition must be provided, together with a covering letter stating the full address of the property and the accompanying DA number.

(Reason:

To ensure infrastructure works are designed and constructed to appropriate standards and requirements of the Roads Act 1993)

# Obtain Driveway Crossing and associated works permit

C14. Prior to the issue of the Construction Certificate, North Sydney Council must issue the applicant with a driveway crossing and road infrastructure works **permit** to suit the approved off-street parking facilities. To obtain the permit, an application must be made to Council on a 'Vehicular Access Application' form with payment of the adopted assessment/inspection fees. Council will require civil design construction drawings and certification from the applicant's Civil Engineer to verify design details and enable permit issue. The responsibility for accuracy of the design fully rests with the designing engineer. All responsibility on implementation and supervision of works specified on design plans fully rests on designing engineer or whoever is chosen to be applicant's engineering representative. The civil design drawings shall detail **the following infrastructure construction requirements of Council in relation to the consent**:

- The proposed vehicular access ways must comply with AS 2890.1 and Council's current Vehicular Access Application Guidelines and Specification (gutter bridges not permitted) to ensure that a B85 vehicle will not scrape/strike the surface of the carriageway, layback, vehicular crossing or parking floor.
- b) The redundant layback crossing on Stratford Street must be reinstated as upright kerb gutter and concrete footpath.

- c) The width of the vehicular layback must be 6.5m (including the wings).
- d) The vehicular laybacks must be set square to the kerb.
- e) The boundary footpath levels and gutter invert levels must match the existing levels and shall not be altered unless agreed to by Council.
- f) Alignment levels at the boundary have an important impact on the proposed levels for new driveway. The works must not start until confirmation of boundary alignment levels from registered surveyor. Council has the authority to remove any unauthorized works at the cost of the property owner.
- g) The Certifying Authority must ensure that the internal property levels at boundary matches council's confirmed boundary levels.
- h) Any twisting of driveway access to ensure vehicles do not scrape must occur wholly within the subject property.
- i) All inspection openings, utility services must be adjusted to match the proposed driveway levels and location.
- j) The design detail has to be provided with **vehicular access application** and must include sections along centre-line and extremities of the crossing at a scale of 1:25. Sections are to be taken from the centre of the roadway through to the parking area itself and shall include all changes of grade and levels, **both** existing and proposed.
- k) A longitudinal section along the gutter line of Stratford Street at a scale of 1:50 showing how it is intended to transition the layback with the existing gutter levels and shall include all changes of grade and levels, **both** existing and proposed.
- 1) A longitudinal section along the footpath property boundary in Stratford Street at a scale of 1:50 is required and shall include all changes of grade and levels, **both** existing and proposed.
- m) The sections must show the calculated clearance to the underside of any overhead structure.
- n) All details of internal ramps between parking levels.
- o) A swept path analysis is required demonstrating that an 85th percentile vehicle can manoeuvre in and out of the garage spaces in accordance with AS 2890.1 2004 "Off Street Parking".

All driveway and infrastructure works on the road reserve must proceed in accordance with the terms of the permit issued by Council. Inspections by Council will be required as specified on the permit. The Certifying Authority issuing the Construction Certificate must ensure that the permit issued by Council is obtained prior to its issue, is referenced on and accompanies the Construction Certificate issued.

(Reason: To facilitate appropriate vehicular access to private sites, without disruption to pedestrian and vehicular traffic)

# Stormwater Management and Disposal Design Plan - Construction Issue

- C15. Prior to issue of the 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, Councils 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 dwellings, including the pond on the Living Level (Level 2), must be conveyed in a controlled manner by gravity via silt trap to the Long Bay Waters.
  - c) Any proposed fence or building structure is to be constructed so as not to impede the natural overland flow.
  - d) Provision is to be made for the collection and disposal in an approved manner of any overland flow entering the subject property, or concentrated as a result of the proposed works.
  - e) Floor levels adjacent to overland flow path, are to be minimum 500 mm above 1 in 100-year flood level. A report prepared by an appropriately qualified hydraulics engineer is to be submitted to the certifying authority with the construction certificate application, detailing the 1 in 100-year flood level and minimum floor level.
  - f) All sub-soil seepage drainage shall be discharged via a suitable silt arrester pit, directly to Long Bay waters. Details of all plans certified as being adequate for their intended purpose and complaint 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.
  - g) The design and installation of the Rainwater Tanks shall comply with Basix and **Sydney Water** requirements. Overflow from tank shall be connected by gravity to the stormwater disposal system.
  - h) 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

- C16. Prior to the issue of any Construction Certificate, security deposit or bank guarantee must be provided to Council to the sum of \$18,000.00 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 <u>environmental</u> <u>controls</u>) required in connection with this consent
  - c) remedying any defects in any such public work that arise within 6 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 6 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**

C17. Prior to the issue of any construction certificate, security in the sum of \$20,000.00 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 accordance with the Schedule below.

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.

# **SCHEDULE**

Trees identified in Mortlock Reserve (excluding Tree T2) as T5, T6, T7, T7a, T8, T10, T11, T12, T13, T14, T18, T19, T20, T23, T24 and T25 located to the west of the subject property within Council's reserve

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

## Tree Protection Measures to be shown on Construction Drawings

C18. The tree protection measures contained in the arborist report at Section 9 prepared by Lee Hancock, dated 28 March 2017 and received by Council on 4 May 2017 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.

(Reason: To ensure that appropriate tree protection measures are shown on construction drawings)

#### **Protection of Trees**

C19. The following tree(s) are required to be protected and retained as part of the development consent in accordance with AS 4970-2009 – Protection of trees on development sites:

Tree	Location	Height (m)
T3 Grevillea robusta	East of subject site	15
T6 Howea forsteriana	Western boundary	8
T21 Corymbia maculata	Northern garden	17
T22 Grevillea robusta	East of subject site	18

Plans and specifications complying with 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.

Any tree(s) shown as being retained on the approved plans (regardless of whether they are listed in the above schedule or not) must be protected and retained in accordance with this condition.

(Reason: Protection of existing environmental and community assets)

#### **Approval for removal of Trees**

C20. The following tree(s) are approved for removal in accordance with the development consent:

Tree	Location	Height (m)
T1 Cinnamomum camphora	Southern garden	6
T2 Cinnamomum camphora	Council's reserve, corner Cowdroy	6
	Avenue and Stratford Street	
T4 Araucaria cunninghamii	Eastern boundary	30
T9 Araucaria cunninghamii	Council's reserve	20
T15 Senescent tree	Council's reserve	-
T16 Senescent tree	Council's reserve	-
T17 Jacaranda mimosifolia	Northern garden	7

Removal or pruning of any other tree on the site is not approved, excluding species exempt under Council's Tree Preservation Order and those identified by Council's Bushland Management Co-ordinator.

Any tree(s) shown as being retained on the approved plans (regardless of whether they are listed in the above schedule or not) must be protected and retained in accordance with this condition.

(Reason: Protection of existing environmental and community assets)

## **Pruning of Trees**

C21. All pruning works shall to the following tree(s) shall be undertaken under the guidance of an appropriately qualified arborist/tree surgeon in accordance with Australian Standard AS 4373-2007 - Pruning of Amenity Trees:

Tree	Location	Height (m)
T3. Grevillea robusta	2A Cowdroy Avenue	15
T5. Acer negundo	Mortlock Reserve	10
T8. Podocarpus elatus	Mortlock Reserve	10
T9. Araucaria cunninghamii	Mortlock Reserve	20
T12. Macadamia tetraphylla	Mortlock Reserve	5
T14. Casuarina cunninghamiana	Mortlock Reserve	10

A report detailing the measures to be employed during construction shall be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate.

All measures required by the said report must be complied with at all times in the carrying out of the development.

(Reason: To ensure the protection and longevity of existing significant trees)

# **Garbage and Recycling Facilities**

C22. Adequate provision must be made for the storage of waste and recyclable material generated by the premises. Plans and specifications which comply with 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 the provision of appropriate waste facilities and to ensure efficient collection of waste by collection contractors)

## **Asbestos Material Survey**

C23. 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)

#### **Location of Plant**

C24. All plant and equipment (including but not limited to air conditioning equipment) is to be located within the basement of the building and is not to be located on balconies or the roof. Plans and specifications complying with 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: Minimise impact on surrounding properties, improved visual appearance and amenity for locality)

# Noise from Plant and Equipment

- C25. The use of all plant and equipment installed on the premises must not:
  - (a) Contribute an LAeq(15min) which will cause the total LAeq(15min) from all plant and equipment operating contemporaneously on the site or in the strata scheme or in the mixed strata schemes to exceed the RBL by more than 5dB when measured at the boundary of any affected receiver. The modifying factor adjustments in Section 4 of the EPA Industrial Noise Policy shall be applied.
  - (b) Cause "offensive noise" as defined in the *Protection of the Environment Operations Act 1997*.

"affected receiver" includes residential premises (including any lot in the strata scheme or another strata scheme), premises for short-term accommodation, schools, hospitals, places of worship, commercial premises and parks and such other affected receiver as may be notified by the Council in writing.

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

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 maintain an appropriate level of amenity for adjoining land uses)

## **Security Deposit/ Guarantee Schedule**

C26. 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:

Fees	Amount
Street Tree Bond (on Council Property)	\$20,000.00
Public Reserve and Infrastructure Damage Bond	\$10,000.00
Engineering Construction Bond	\$8,000.00
<b>Total Bonds</b>	\$38,000.00

(Reason: Compliance with the development consent)

#### **BASIX Certificate**

C27. Under clause 97A(3) of the Environmental Planning & Assessment Regulation 2000, it is a condition of this development consent that all the commitments listed in BASIX Certificate No. 809833S\_05 for the development are fulfilled. Plans and specifications complying with 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 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)

# **Sydney Water Approvals**

D2. 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<sup>TM</sup> online service. Building plans must be submitted to the Tap in<sup>TM</sup> 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 <a href="http://www.sydneywater.com.au/tapin/index.htm">http://www.sydneywater.com.au/tapin/index.htm</a> or call 13 000 TAP IN (1300 082 746) for further information.

(Reason: To ensure compliance with Sydney Water requirements)

# **Commencement of Works Notice**

D3. Building work, demolition or excavation in accordance with this development consent must not be commenced until the developer has given at least 2 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

# **Parking Restrictions**

E1. 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**

E2. 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)

## **Cigarette Butt Receptacle**

E3. 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)

## **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 Applicants 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 hydro geological 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 must undertake inspections of the works at the following hold points:
  - a) Vehicular access and associated road civil works.

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 inform 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)

## Removal of Extra Fabric

E9. Should any portion of the existing building, trees, or curtilage of the site which is indicated on the approved plans to be retained be damaged for whatever reason, all the works in the area of the damaged portion are to cease and written notification of the damage is to be given to Council forthwith. No work is to resume until the written approval of Council to do so is obtained. Failure to comply with the provisions of this condition may result in the Council taking further action including legal proceedings if necessary.

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

# **Dust Emission and Air Quality**

- E10. 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**

E11. 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**

E12. 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

E13. 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**

E14. 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. All recommendations contained within the tree report prepared by Lee Hancock dated 28 March 2017 and received by Council on 4 May 2017 must be implemented for the duration of the works.

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 96 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)

#### Trees to be Removed

E15. All trees on the site must be protected and retained save for those expressly identified below as being approved for removal: -

Tree	Location	Height (m)
T1 Cinnamomum camphora	Southern garden	6
T2 Cinnamomum camphora	Council's reserve, corner Cowdroy	6
	Avenue and Stratford Street	
T4 Araucaria cunninghamii	Eastern boundary	30
T9 Araucaria cunninghamii	Council's reserve	20
T15 Senescent tree	Council's reserve	-
T16 Senescent tree	Council's reserve	-
T17 Jacaranda mimosifolia	Northern garden	7

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

## **Special Permits**

E16. 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)

#### **Noxious Weeds**

E17. All parrot lily, lantana, privet, rubber trees, asthma weed, fleabane, cassia and declared noxious plants on the site to be removed and to be replaced by planting as identified by Council's Bushland Management Co-ordinator within the Council Reserve to the west of the subject site before finalising the landscaping works as required by the approved landscape plan.

(Reason: To ensure the removal of weed/noxious plants)

#### **Construction Hours**

E18. Building construction and works must be restricted to within the hours of 7.00 am to 5.00 pm Monday to Friday and on Saturday to within the hours of 8.00 am to 1.00 pm inclusive, with no work on Sundays and Public Holidays.

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)

# **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 work place determines the type of amenities required.

Further information and details can be obtained from the Internet at <a href="https://www.workcover.nsw.gov.au">www.workcover.nsw.gov.au</a>

(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

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

site)

#### **Prohibition on Use of Pavements**

E22. Building materials must not be placed on Council's footpaths, roadways, parks or grass verges, (unless a permit is obtained from Council beforehand). A suitable sign to this effect must be erected adjacent to the street alignment.

(Reason: To ensure public safety and amenity on public land)

# Plant & Equipment Kept Within Site

E23. All plant and equipment used in the undertaking of the development/ works, including concrete pumps, wagons, lifts, mobile cranes, hoardings etc., must be situated within the boundaries of the site (unless a permit is obtained from Council beforehand) and so placed that all concrete slurry, water, debris and the like must be discharged onto the building site, and is to be contained within the site boundaries.

Details of Council requirements for permits on public land for standing plant, hoardings, storage of materials and construction zones and the like are available on Council's website at www.northsydney.nsw.gov.au.

(Reason: To ensure public safety and amenity on public land)

# **Waste Disposal**

E24. 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)

#### **Asbestos Removal**

E25. All demolition works involving the removal and disposal of asbestos cement must only be undertaken by contractors who hold a current WorkCover Asbestos or "Demolition Licence" and a current WorkCover "Class 2 (Restricted) Asbestos Licence and removal must be carried out in accordance with National Occupational Health and Safety Commission.

(Reason: To ensure works are carried out in accordance with relevant WorkCover requirements)

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)

#### **Excavation/Demolition**

- F6. 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)

### Site Sign

- F7. 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 to 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, subcontractors, 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. a) 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.
  - b) An appropriately qualified and practicing Civil Engineer must certify to the Certifying Authority that the vehicular crossing and associated works and road works were constructed in accordance with this consent and any approval for works in the road reserve issued by the Council. 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 the 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)

#### **Asbestos Clearance Certificate**

- G5. For building works where asbestos based products have been removed or altered, an asbestos clearance certificate signed by an appropriately qualified person (being an Occupational Hygienist or Environmental Consultant) must be submitted to and approved by the Certifying Authority (and a copy forwarded to Council if it is not the Certifying Authority) for the building work prior to the issue of any Occupation Certificate, the asbestos clearance certificate must certify the following:
  - a) the building/land is free of asbestos; or
  - b) the building/land has asbestos that is presently deemed safe.

The certificate must also be accompanied by tipping receipts, which detail that all asbestos waste has been disposed of at an approved asbestos waste disposal depot. If asbestos is retained on site the certificate must identify the type, location, use, condition and amount of such material.

Note: Further details of licensed asbestos waste disposal facilities can be

obtained from www.epa.nsw.gov.au

(Reason: To ensure that building works involving asbestos based products are

safe for occupation and will pose no health risks to occupants)

## **Disposal Information**

- G6. Upon completion of works and prior to occupation, a report including the following information must be provided to Council's Open Space and Environmental Services Department:
  - (a) the total tonnage of all waste and excavated material disposed of from the site (including any tipping dockets); and

(b) the disposal points and methods used.

(Reason: To ensure appropriate disposal methods are undertaken for auditing

and inspection purposes)

# **Sydney Water**

G7. A Section 73 Compliance Certificate under the Sydney Water Act 1994 must be obtained.

The final Section 73 Certificate must be submitted to the Certifying Authority prior to release of any linen plan for subdivision or prior to occupation of the development, whichever is the earlier.

The Section 73 Certificate must be submitted to the Certifying Authority prior to the issue of the Strata Certificate. [Delete as appropriate]

Notes:

Application must be made through an authorised Water Servicing Co-ordinator, for details see the Sydney Water web site,

www.sydneywater.com.au\customer\urban\index, or telephone 13 20 92.

Following application, a 'Notice of Requirements' will be forwarded detailing water and sewer extensions to be built and charges to be paid. Please make early contact with the Coordinator since building of water/sewer extensions can be time consuming and may impact on other services and building, driveway or landscape design.

(Reason: To ensure compliance with the statutory requirements of Sydney

Water)

# **BASIX Completion Certificate**

G8. In accordance with Clause 154C of the Environmental Planning and Assessment Regulation 2000, prior to issuing a final occupation certificate the Certifying Authority must apply to the Director-General for a BASIX completion receipt.

(Reason: To ensure compliance with the specified BASIX Certificate)

## Landscaping

G9. The landscaping shown in the amended landscape plans, as approved by Council's Landscape Officer, must be completed prior to the issue of any Occupation Certificate.

(Reason: To ensure compliance)

# **Compliance with Certain conditions**

G10. Prior to the issue of any Occupation Certificate, condition C1 must be certified as having been implemented on site and complied with.

(Reason: To ensure the development is completed in accordance with the

requirements of this consent)

# I. On-Going / Operational Conditions

# **Single Occupancy**

11. The subject dwelling must be used as a single occupancy. No approval is granted or implied for any other form or residential uses including, but not limited to, a dual occupancy and/or a secondary dwelling.

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

## DATE OF DETERMINATION:

## **DATE FROM WHICH CONSENT OPERATES:**

## DATE CONSENT LAPSES:

## **ADVISINGS**

#### Notes

- (a) Council is always prepared to discuss its decisions, and in this regard please do not hesitate to contact Robin Tse. However, if you wish to pursue your rights of appeal in the Land and Environment Court pursuant to Section 97 of the Act, you are advised that Council generally seeks resolution of such appeals through a Section 34 Conference, instead of a full Court hearing, subject to any further advice to the contrary from Council's Solicitors and senior staff. Such an approach is less adversarial, it achieves a quicker decision than would be the case through a Court hearing, and it can give rise to considerable cost and time savings for all parties involved. The use of the Section 34 Conference approach requires the appellant to agree, in advance and in writing, that the Court appointed assessor will be given the full authority to completely determine the matter at the conference.
- (b) You are advised that changes to the external configuration of the building, changes to the site layout, density and unit configuration internal changes to the proposed building or any changes to the proposed operation of a use **MAY** require the submission of a modification under Section 96 of the Environmental Planning & Assessment Act 1979.

Please bear this in mind before preparing documentation in support of a Construction Certificate application. Council staff would be pleased to assist in identifying such changes which may require the submission of a modification of a Development Application under Section 96 of the Environmental Planning & Assessment Act.

- (c) Section 82A of the Environmental Planning and Assessment Act 1979 provides that the applicant may request the Council to review the determination. The review must be completed within six (6) months after the date of receipt of this Notice of Determination. If you intend to lodge a request for a review it is recommended that the request, together with payment of the appropriate fees, is lodged as early as possible in order to allow sufficient time for notification, assessment, reporting, etc, prior to the expiration of the 6-month review period. It is recommended that the applicant discuss any request for a review of the determination with Council Officers before lodging such a request.
- (d) Prior to commencing any building, subdivision or associated constructions works, the following provisions of the Environmental Planning and Assessment Act 1979 (the 'Act') are to be complied with:
  - (i) Relevant approvals must be obtained under the provisions of Section 138 of the Roads Act, 1993 for any works on public roads which are not the subject of this consent.
  - (ii) A Construction Certificate is to be obtained in accordance with Section 81A(2)(a) of the Act.
  - (iii) A Principal Certifying Authority is to be appointed and Council is to be notified of the appointment in accordance with 81A(2)(b1)(i)of the Act.
  - (iv) Council is to be notified at least two (2) days before the intention to commence building works, in accordance with Section 81A(2)(c) of the Act.
- (e) The applicant may apply to the Council or an Accredited Certifier for the issuing of a Construction Certificate and to be the Principal Certifying Authority to monitor compliance with the approval and issue necessary documentary evidence or certificate/s.

## (f) Sydney Water Requirements

You are advised that any building works may also require prior approval from Sydney Water. Further details can be obtained from the Sydney Water website at <a href="https://www.sydneywater.com.au">www.sydneywater.com.au</a>.

## (g) **Telecommunications**

Please consult a suitably qualified telecommunications company with a licence issued by the Australian Communications & Media Authority (<a href="www.acma.gov.au">www.acma.gov.au</a> or 1800 226 667).

# (h) **Dial before you dig**

Before you dig call "Dial before you dig" on 1100 (listen to the prompts) or further information on underground utility services for any excavation areas may be found on www.1100.com.au.

Council's officers can provide these services, and further information, including a copy of the terms of agreement and fee schedule, can be obtained by telephoning Council's Customer Service Centre on **9936 8100**.

Please note that all building work must be carried out fully in accordance with the development consent and conditions of approval and it is an offence to carry out unauthorised building work or building work that is not in accordance with Council's approval.

An offence under the Environmental Planning and Assessment Act 1979 and Regulations is subject to a penalty up to \$110,000 and \$11,000 respectively.

Council may also serve a notice and an order to require the demolition/removal of unauthorised building work or to require the building to be erected fully in accordance with the development consent.

On the spot penalties will be imposed for works which are carried out in breach of this consent, or without consent.

An amended development application is required to be submitted to and approved by Council, and a Construction Certificate is to be obtained from the Council or an Accredited Certifier, prior to commencement of any variations from the approved plans and conditions of approval.

DATE	Signature on behalf of consent authority
	ROBYN PEARSON
	TEAM LEADER (ASSESSMENTS)

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