Original signed by Robyn Pearson on 12/8/2019

Date determined: 7/8/2019 Date operates: 12/8/2019 Date lapses: 12/8/2024

Rebel MH Neutral Bay Pty Ltd Suite 4, Level 8, 14 Martin Place SYDNEY NSW 2000

> D74/19 LK (CIS)

ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979 AS AMENDED NOTICE OF DETERMINATION – Approval

Issued under Section 4.18 of the Environmental Planning and Assessment Act 1979 ("the Act"). Clause 100 of the Environmental Planning and Assessment Regulation 2000 ("the Regulation")

Development Application Number:	74/19
Land to which this applies:	14, 16, 16A and 16B Thrupp Street, Neutral Bay Lot No.: 0, SP: 51823
Applicant: Rebel MH Neutral Bay Pty Ltd	
Site consolidation, demolition of existing buildings, tree remand excavation to provide for the construction of a part four five storey residential flat building comprising 20 apartments, 1.5 levels of basement parking for 31 cars, and associandscaping.	
Determination of Development Application: The development application was considered by the North Sylvanian Panel (NSLPP) on 7 August 2019. Subject provisions of Section 4.17 of the Environmental Planning Assessment Act 1979, approval has been granted subject conditions in the notice of determination.	
Date of Determination:	7 August 2019
Reason for approval:	The Panel has carefully considered the submissions and concerns expressed at the public meeting, including the need for communication channels to be established for the construction period to allow appropriate access to residential properties in the vicinity. With respect to the issue of dilapidation the panel accepts the conditions as recommended are appropriate.

The Panel considers the development as shown in the plans, and that is generally compliant with controls and guidelines is expected in this high density residential R4 zone and warrants approval on its merits, subject to the conditions as amended by the Panel.

Consent to operate from:

12 August 2019

Consent will lapse on:

12 August 2024

Period of Consent

Subject to Section 4.20 of the Act, this consent becomes effective and operates from the date listed above. The consent lapses five years after the date of consent in accordance with Section 4.53 of the Act and cannot be extended. To activate this consent, works must physically commence onsite by 12 August 2024.

Original Application

The application was notified to adjoining properties and Hayes Precinct between 29 March and 12 April 2019. Twelve (12) submissions against the application, and three (3) submissions either neutral or in support were received. The key issues raised in the submissions were view loss, loss of privacy, loss of solar access and light, impacts on streetscape character and heritage items, traffic and parking impacts, excessive excavation, and construction phase impacts.

Amended Application

How community views were taken into account:

The amended application was notified to adjoining properties and Hayes Precinct between 28 June and 12 July 2019. Nine (9) further submissions against the application were received, where the same key issues listed above were reiterated.

Further Minor Amendment

The application was further amended on 23 July 2019 to remove the lift overrun and plant from the roof, with the lift being internalised and the plant relocated to basement and ground level. Notification of this amendment was not considered necessary given the amendments were of a minor nature and would have reduced environmental impact in accordance with Section 4.5.1 in Part A of North Sydney DCP 2013.

The submissions received by Council were addressed in the NSLPP report (see Council's website: https://www.northsydney.nsw.gov.au/council_meetings/meetings/nslpp/2019/7_august_2019)

Review of determination and right of appeal:

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.

Plans endorsed by the consent authority – please refer to condition A1

Endorsed for and on behalf of North Sydney Council

DATE

Signature on behalf of consent authority

ROBYN PEARSON

TEAM LEADER ASSESSMENTS

(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.

INDEX OF CONDITIONS

		Page No.
<i>A</i> .	Conditions that Identify Approved Plans	
A1.	Development in Accordance with Plans/documentation	9
A2.	Plans on Site	10
A3.	No Demolition of Extra Fabric	10
A4.	External Finishes & Materials	10
В.	Matters to be Completed before the lodgement of an Application for a Construction Cen	rtificate
B1.	Construction Management Program – Local Traffic Committee Approval	10
<i>C</i> .	Prior to the Issue of a Construction Certificate (and ongoing, where indicated)	
C1.	Dilapidation Report Damage to Public Infrastructure	12
C2.	Dilapidation Report Private Property (Excavation)	13
C3.	Dilapidation Survey Private Property (Neighbouring Buildings)	13
C4.	Structural Adequacy of Adjoining Properties – Excavation Works	14
C5.	Geotechnical Report	14
C6.	Sediment Control	16
C7.	Waste Management Plan	16
C8.	Skylight(s)	17
C9.	Roofing Materials - Reflectivity	17
C10.	No External Service Ducts	17
C11.	Work Zone	18
C12.	Maintain Property Boundary Alignment Levels	18
C13.	Basement Car park to comply with relevant standards	18
C14.	Required Infrastructure Works –Roads Act 1993	19
C15.	Obtain Driveway Crossing Permit under S.138 Roads Act 1993	20
C16.	On-Site Stormwater Detention	22
C17.	Bond for Damage and Completion of Infrastructure Works – Stormwater,	
	Kerb and Gutter, Footpaths, Vehicular Crossing and Road Pavement	23
C18.	Tree Bond for Public Trees	24
C19.	Tree Protection Measures to be shown on Construction Drawings	24
C20.	Protection of Trees	25
C21.	Approval for removal of Trees	25
C22.	Garbage and Recycling Facilities	26
C23.	Asbestos Material Survey	27
C24.	Location of Plant	27
C25.	Noise from Plant and Equipment	27
C26.	Air Conditioners in Residential Premises	28
C27.	Underground Electricity and Other Services	28
C28.	Section 7.11 Contributions	29
C29.	Security Deposit/ Guarantee Schedule	29
C30.	BASIX Certificate	30
C31.	Stormwater Management and Disposal Design Plan – Construction Issue	30
C32.	Sydney Water Requirements	31
C33.	Front Boundary Wall	32
C34.	Disabled Access	32

D.	Prior to the Commencement of any Works (and continuing where indicated)	
D1.	Public Liability Insurance – Works on Public Land	32
D2.	Notification of New Addresses	32
D3.	Sydney Water Approvals	33
D4.	Commencement of Works Notice	33
D5.	Arborist to be Commissioned	33
E.	During Demolition and Building Work	
E1.	Cigarette Butt Receptacle	34
E2.	Parking Restrictions	34
E3.	Road Reserve Safety	34
E4.	Temporary Disposal of Stormwater Runoff	34
E5.	Geotechnical Stability during Works	35
E6.	Council Inspection of Public Infrastructure Works	35
E7.	Progress Survey	35
E8.	Dust Emission and Air Quality	36
E9.	Noise and Vibration	36
E10.	Developer's Cost of Work on Council Property	36
E11.	No Removal of Trees on Public Property	37
E12.	Protection of Trees	37
E13.	Special Permits	37
E14.	Construction Hours	38
E15.	Installation and Maintenance of Sediment Control	39
E16.	Remedial Action Plan (Contaminated Land)	39
E17.	Site Amenities and Facilities	39
E18.	Health and Safety	40
E19.	Prohibition on Use of Pavements	40
E20.	Plant & Equipment Kept Within Site	40
E21.	Imported Fill Material	40
E22.	Waste Disposal	41
E23.	Asbestos Removal	41
E24.	Unexpected Contamination – Remedial Action Plan	41
E25.	Service Adjustments	42
F.	Prescribed Conditions imposed under EP&A Act and Regulations and other relevant Legislation	n
F1.	National Construction Code	42
F2.	Home Building Act	42
F3.	Appointment of a Principal Certifier (previously known as a PCA)	43
F4.	Construction Certificate	43
F5.	Occupation Certificate	43
F6.	Excavation/Demolition	43
F7.	Site Sign	44
G.	Prior to the Issue of an Occupation Certificate	
G1.	Infrastructure Repair and Completion of Works	44
G2.	Noise Certification	44
G3.	Certification- Civil Works	45
G4.	Works as Executed Drawings and Video	45

G5.	Certification for Mechanical Exhaust Ventilation	45
G6.	Utility Services	45
G7.	Regulated Systems- Air Handling	46
G8.	Basement Pump-Out Maintenance	46
G9.	Notification of New Address Developments	46
G10.	Asbestos Clearance Certificate	46
G11.	Certification of Tree Condition	47
G12.	BASIX Completion Certificate	47
G13.	Landscaping	48
G14.	Damage to Adjoining Properties	48
G15.	Intercom	48
G16.	Allocation of Spaces	49
G17.	Compliance with Certain conditions	49
G18.	Site Amalgamation	49
G19.	Section 73 Certificate	49
G20.	Privacy Devices to Windows and Balconies	50
G21.	Lighting Upgrade	50
<i>I</i> .	On-Going / Operational Conditions	
I1.	Visitors Parking Sign	50
I2.	Use of Car Parking Spaces	50
I3.	Allocation of Spaces	51
I4.	Waste Collection	51
I5.	Maintenance of Approved Landscaping	51
I6.	Noise and Vibration from Air Conditioning Units, Plant and Internal Car Lift	51

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 number	Issue/Revision	Title	Drawn by	Dated
DA 000	С	Cover Sheet	PBD Architects	19/07/19
DA 001	С	Project Summary	PBD Architects	19/07/19
DA 003	В	Site Plan	PBD Architects	29/05/19
DA 004	A	Demolition Plan	PBD Architects	05/03/19
DA 100	В	Basement Plan	PBD Architects	05/03/19
DA 101	С	Lower Ground Floor Plan	PBD Architects	19/07/19
DA 102	С	Ground Floor Plan	PBD Architects	19/07/19
DA 103	В	Level 1 Floor Plan	PBD Architects	29/05/19
DA 104	С	Level 2 Floor Plan	PBD Architects	19/07/19
DA 105	С	Level 3 Floor Plan	PBD Architects	19/07/19
DA 106	D	Roof Plan	PBD Architects	19/07/19
DA 200	D	East Elevation	PBD Architects	19/07/19
DA 201	D	South Elevation	PBD Architects	19/07/19
DA 202	D	West Elevation	PBD Architects	19/07/19
DA 203	D	North Elevation	PBD Architects	19/07/19
DA 300	D	Section AA	PBD Architects	19/07/19
DA 301	D	Section BB	PBD Architects	19/07/19
DA 400	D	Material Schedule East	PBD Architects	19/07/19
DA 401	D	Material Schedule South	PBD Architects	19/07/19
DA 402	D	Material Schedule West	PBD Architects	19/07/19
DA 403	D	Material Schedule North	PBD Architects	19/07/19
DA 800	В	3D Perspectives	PBD Architects	29/05/19
DA 801	В	3D Perspectives	PBD Architects	29/05/19
DA 802	В	3D Perspectives	PBD Architects	29/05/19
DA 900	В	Photomontage 1	PBD Architects	29/05/19
002	Е	Lower Ground Floor	Habit8	07/06/19
003	Е	Ground Floor	Habit8	07/06/19
004	Е	Level 1,2 3 Planters	Habit8	07/06/19
005	Е	Communal Open Space	Habit8	07/06/19
006	Е	Tree Retention Plan	Habit8	07/06/19
007	Е	Irrigation Plan	Habit8	07/06/19
008	Е	Specifications and Maintenance	Habit8	07/06/19
009	Е	Planting Palette	Habit8	07/06/19

(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)

External Finishes & Materials

A4. External finishes and materials must be in accordance with those specified within the approved drawings listed within Condition A1 of this consent, except for the white balustrading and balcony soffits to be of a more muted tone and provide less contrast to be more consistent with the streetscape and the heritage item.

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 the form of the development undertaken is in accordance with the determination of Council, Public Information)

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 and approved in writing by North Sydney Traffic Committee 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 practicing structural engineer and must not involve any permanent or temporary encroachment onto Councils 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. 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 notice is required to refer items 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)

Dilapidation Report Damage to Public Infrastructure

C1. 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)

C2. 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)

C3. A photographic survey and dilapidation report of adjoining properties, Nos. 62A Aubin Street, 62 Aubin Street, 17 Harriette Street and 18 Thrupp Street, 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

C4. A report prepared by an appropriately qualified and practising structural engineer detailing the structural adequacy of adjoining properties, Nos. 62A Aubin Street, 62 Aubin Street, 17 Harriette Street and 18 Thrupp Street, 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

- C5. Prior to issue of any Construction Certificate a Geotechnical 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. The vibration impacts must be assessed with special consideration to the adjacent Heritage Item at 18 Thrupp Street;
 - 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 utilized 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 utilized; 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/ hydro geological 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:

- i. no ground settlement or movement is to be induced which is sufficient enough to cause an adverse impact to adjoining property and/or infrastructure;
- ii. 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;
- iii. 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;
- iv. vibration is to be minimized or eliminated to ensure no adverse impact on the surrounding property (and in particular the adjacent Heritage Item at 18 Thrupp Street) and infrastructure occurs, as a result of the construction of the development;
- v. 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
- vi. An adverse impact can be assumed to be crack damage as identified within the relevant Australian Standard for determining such damage.

The Geotechnical Report must be prepared in accordance with all the recommendations within the Geotechnical Assessment from JK Geotechnics (Ref. 30294 Rev 2) dated March 2019.

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 & 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)

Skylight(s)

C8. Skylight flashing(s) and frame(s) to be coloured to match the roof material. Skylight(s) to sit no higher than 100mm above roof plane when in a closed position. 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 fully satisfy the requirements of this condition.

(Reason: To minimise the visual impact of the skylight(s) on the roof plane)

Roofing Materials - Reflectivity

C9. 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)

No External Service Ducts

C10. Service ducts must be provided within the building to keep external walls free of plumbing, drainage or any other utility installations. 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 quality built form of the development)

Work Zone

C11. 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)

Maintain Property Boundary Alignment Levels

C12. The property boundary alignment levels must match the levels which existed prior to the commencement of works. Any filled areas and excavated areas alongside property boundaries must be retained with retaining structures which are located wholly within the subject site.

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, neighbours, and public land remains uniform, and to ensure areas of fill are contained within the site).

Basement Car park to comply with relevant standards

C13. The basement layout and must comply with all requirements of Australian Standards AS2890.1, AS2890.3, and AS2890.6. It must be explicitly demonstrated that the driveway to the site is designed such that there are adequate sight lines for pedestrian safety as per Figure 3.3 of AS2890.1. Certification from a suitably qualified and practicing Civil Engineer that the basement design will comply with the requirements of these Australian Standards must be provided to the Certifying Authority for approval prior to issue of any Construction Certificate.

(Reason: To ensure the basement layout complies with relevant standards)

Required Infrastructure Works -Roads Act 1993

C14. 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 full frontage concrete footpath and kerb & gutter is required across the entire site frontage in Thrupp Street. A longitudinal section is required along the footpath property boundary and gutter invert level 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) 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.
- c) 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.

Drainage Works

Connection of the site stormwater system must be made directly to a newly constructed grated double V-shape gully pit (butterfly type), to front the site on Thrupp Street, approximately to the position of existing one. To accommodate this requirement, the following drainage infrastructure works must be carried out on Council property at the Applicants expense:-

- a) Construction of additional standard grated gully pit with extended kerb inlet (1.8m lintel) in the kerb fronting the subject site in Thrupp Street. The pit must be constructed upstream of proposed vehicular crossing in accordance with Councils "Infrastructure Specification for Roadworks, Drainage and Miscellaneous Works". Arrangement is to be made with Council to remove existing street tree in the vicinity (on the North side) of the proposed vehicular crossing. This tree may affect both construction of required stormwater pit and proposed vehicular crossing.
- b) Construction of a new in-ground drainage line under the kerb and gutter at standard depth. The line must connect the new gully pit to the proposed V-shape pit located downstream of the site. The pipes within the road reserve are to be reinforced concrete class 2 with a minimum 375mm diameter and have bedding in accordance with Australian Standard AS 3725 (Loads on buried concrete pipes). Within the road reserve, pipe shall have a minimum cover of 450mm. The developer shall be responsible for carrying out any service investigations to allow a gravity connection.

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

C15. 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:

- a) 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) All redundant layback crossings on Thrupp Street must be reinstated as upright kerb gutter and concrete footpath.
- c) Arrangement is to be made with Council to remove existing street tree in the vicinity (on the North side) of the proposed vehicular crossing. This tree may affect both construction of required stormwater pit and proposed vehicular crossing.
- d) The width of the vehicular layback must be 6.5m (including the wings).
- e) The vehicular laybacks must be set square to the kerb.
- f) The crossing (between the layback and the property boundary) must be perpendicular on a single straight grade of approximately 4.5%, falling to the back of the layback.
- g) The boundary footpath levels must match the existing levels and shall not be altered unless agreed to by Council.
- h) 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.
- i) The Certifying Authority must ensure that the internal property levels at boundary matches council's confirmed boundary levels.
- j) The gutter levels and road shoulder levels will require some adjustment (lifting) to prevent scraping of vehicles and to ensure smooth transitions in such a manner, that the cross fall grade of the road shoulder is 5.5% for a distance of 600 mm falling to the gutter lip, starting from the surface of the existing carriageway 1050 mm from the existing face of kerb.

As a result, the kerb gutter is to be transitioned as necessary on both sides of the proposed layback crossing to ensure that a minimum longitudinal fall of 1% is achieved to maintain gutter flows.

Kerb/gutter transition works are required to ensure gentle changes in grade and longitudinal drainage between the existing and proposed kerb and gutter. These works have been assessed as:

- i) <u>Upstream</u> of the proposed layback, the kerb/gutter shall be reconstructed for a length of 1000mm or to a point where a longitudinal gutter grade of 1.0% can be achieved or to an existing joint, whichever is the greatest.
- ii) <u>Downstream</u> of the existing layback, the kerb/gutter shall be reconstructed for a length of 1000mm or to an existing joint, whichever is the greatest.

- k) The kerb gutter, and 1200 mm road shoulder wide- strip, adjacent to all new layback and gutter works, on Thrupp Street must be reconstructed, to ensure uniformity in the road reserve.
- 1) Any twisting of driveway access to ensure vehicles do not scrape must occur wholly within the subject property.
- m) All inspection openings, utility services must be adjusted to match the proposed driveway levels and location.
- n) 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.
- o) A longitudinal section along the gutter line of Thrupp 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.
- p) A longitudinal section along the footpath property boundary at a scale of 1:50 is required and shall include all changes of grade and levels, both existing and proposed.
- q) The sections must show the calculated clearance to the underside of any overhead structure.
- r) All details of internal ramps between street and parking level.
- s) 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)

On-Site Stormwater Detention

C16. On site detention must be provided to ensure that the maximum discharge from the site does not exceed discharge which would occur during a 1 in 5 year storm for the time of concentration determined for the particular site, for the existing site conditions. All other stormwater run-off from the site for all storms up to the 1 in 100 year storm is to be retained on the site for gradual release to the kerb and gutter or drainage system as required by Director of Assets and Infrastructure Services. Provision is to be made for satisfactory overland flow should a storm in excess of the above parameters occur.

Determination of the required cumulative storage must be based on the mass curve technique as detailed in Technical Note 1, Chapter 14 of the Australian Rainfall and Runoff Volume 1, 1987 Edition.

Engineering calculations, design and certification complying with this condition must be provided by an appropriately qualified and practicing Civil Engineer and submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate.

(Reason:

To ensure appropriate provision is made for the disposal and management of stormwater generated by the development, and to ensure that public infrastructure in Council's care and control is not overloaded)

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

- C17. Prior to the issue of any Construction Certificate, security deposit or bank guarantee must be provided to Council to the sum of \$54,500.00 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

C18. Prior to the issue of any construction certificate, security in the sum of \$24,000.00 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

3 x Street Trees outside Nos. 14, 16, 16A and 16B Thrupp Street

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

significant trees)

Tree Protection Measures to be shown on Construction Drawings

C19. The tree protection measures contained in the Arboricultural Impact Appraisal and Method Statement prepared by Redgum Horticultural dated 20 March 2017 and revised 30 May 2019 (Ref.2770.4) 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

C20. 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
T4 Pittosporum undulatum (Native Daphine)	Neighbouring land near north boundary
T5 Casuarina glauca (Swamp She Oak)	Neighbouring land near north boundary
T6 Olea europaea var. Africana (African Olive)	Neighbouring land near north boundary
T7 Syzygium smithii (Lilly Pilly)	Neighbouring land near north boundary
T8 Casuarina glauca (Swamp She Oak)	Within subject site near north boundary
T10 Lophostemon confertus (Queensland Brush Box)	Neighbouring land near west boundary
T11 Lophostemon confertus (Queensland Brush Box)	Neighbouring land near west boundary
T12 Lophostemon confertus (Queensland Brush Box)	Neighbouring land near west boundary
T13 Celtis occidentalis (Hackberry)	Neighbouring land near west boundary
T14 Cinnamomum camphora (Camphor Laurel)	Within subject site near west boundary
T15 Celtis occidentalis (Hackberry)	Neighbouring land near west boundary
T17 Acer negundo (Box Elder Maple)	Neighbouring land near north boundary
T20 Sapium sebiferum (Chinese Tallowwood)	Thrupp Street outside the site
T21 Sapium sebiferum (Chinese Tallowwood)	Thrupp Street outside the site
T22 Sapium sebiferum (Chinese Tallowwood)	Thrupp Street outside the site
T23 Celtis occidentalis (Hackberry)	Neighbouring land near north boundary

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

C21. The following tree(s) are approved for removal in accordance with the development consent:

Tree	Location
T1 Cinnamomum camphora (Camphor Laurel)	Within subject site
T2 Toona australis (Australian Red Cedar)	Within subject site
T3 Toona australis (Australian Red Cedar)	Within subject site
T9 Magnolia x soulangeana (Japanese Magnolia)	Within subject site
T16 Phoenix sylvestris (Silver Date Palm)	Within subject site
T18/2 Archontophoenix cunninghamiana (Bangalow Palm x 4)	Within subject site
T19/3 Cupressocyparis leylandii (Leyland Cypress - hedge)	Within subject site

Removal or pruning of any other tree on the site is not approved, excluding species exempt under Council's Tree Preservation Order.

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)

Garbage and Recycling Facilities

- C22. An appropriate area must be provided within the premises for the storage of garbage bins and recycling containers and all waste and recyclable material generated by this premises. The following requirements must be met:
 - a) all internal walls of the storage area must be rendered to a smooth surface, coved at the floor/wall intersection, graded and appropriately drained with a tap in close proximity to facilitate cleaning;
 - b) provision for the separation and storage in appropriate categories of material suitable for recycling;
 - c) the storage area must be adequately screened from the street, with the entrance to the enclosures no more than 2m from the street boundary of the property;
 - d) if a storage facility is to be provided at another suitable location within the building, a complementary garbage bin holding bay must be provided no more than 2m from the street boundary of the property;
 - e) garbage enclosures serving residential units are not to be located within areas designated for non-residential uses; and
 - f) garbage enclosures serving non-residential uses are not to be located within areas designated for dining purposes.

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.

Note: The applicant may wish to discuss bin storage requirements and location with

Council's Environmental Services prior to finalisation of the required detail, and a copy of Council's Waste Handling Guide should be obtained for reference

purposes before the design is finalised.

(Reason: To ensure the provision of appropriate waste facilities for residents and protect

community health, 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) not shown on the drawings listed in Condition A1 of this consent 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 including the car lift 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)

Air Conditioners in Residential Premises

- C26. The use of any air conditioner 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 8.00am and after 10.00pm on any Saturday, Sunday or Public Holiday; or
 - (ii) before 7.00am or after 10.00pm 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 will 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 maintain residential amenity)

Underground Electricity and Other Services

C27. All overhead electricity and other lines (existing and proposed) must be undergrounded from the proposed building on the site to the appropriate power pole(s) or other connection point, in accordance with the requirements of Energy Australia. 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 fully satisfy the requirements of this condition.

(Reason: To provide infrastructure that facilitates the future improvement of the streetscape by relocation of overhead lines below ground)

Section 7.11 Contributions

C28. A monetary contribution pursuant to the provisions of Section 7.11 of the Environmental Planning and Assessment Act 1979, in accordance with the North Sydney Council Section 94 Contribution Plan for the public amenities/ services detailed in column A below and, for the amount detailed in column B below, must be paid to Council.

A	B (\$)
Administration	\$1,645.53
Child Care Facilities	\$2,850.10
Community Centres	\$7,470.05
Library Acquisition	\$1,393.76
Library Premises & Equipment	\$4,310.59
Multi-Purpose Indoor Sports Facility	\$1,177.13
Open Space Acquisition	\$46,981.86
Open Space Increased Capacity	\$93,126.73
Olympic Pool	\$3,833.88
Public Domain Improvements	\$3,681.29
Traffic Improvements	\$4,518.71
The total contribution is	\$ <u>170,989.73</u>

The contribution MUST BE paid prior issue of any Construction Certificate.

The above amount, will be adjusted for inflation by reference to the Consumer Price (All Ordinaries) Index applicable at the time of the payment of the contribution.

A copy of the North Sydney Section 7.11 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

(Reason: To retain a level of service for the existing population and to provide the same level of service to the population resulting from new development)

Security Deposit/Guarantee Schedule

C29. 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 (\$)
Street Tree Bond (on Council Property)	\$24,000.00
Drainage Construction Bond	\$12,500.00
Engineering Construction Bond	\$42,000.00
TOTAL BONDS	\$78,500.00

Note: The following fees applicable

Fees	Amount (\$)
Section 7.11 Contribution	\$170,989.73
TOTAL FEES	\$170,989.73

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)

BASIX Certificate

C30. 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. 809404M_03 dated 22 July 2019 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)

Stormwater Management and Disposal Design Plan - Construction Issue

- C31. 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 must be conveyed in a controlled manner by gravity via OSD and then directly connected to Council's stormwater gully pit in Thrupp Street. When a direct connection to the pit option is implemented then the pipeline within the footpath area shall have a minimum cover of 300mm.
 - c) All civil and drainage works within the road reserve must be designed and built in accordance with Council's current "Infrastructure Specification". Prior to issue of the Construction Certificate the applicant must have engineering plans and specifications, prepared by a qualified civil drainage design engineer. Council must approve the plans and specifications, in writing, prior to issue of any Construction Certificate by the Certifying Authority. The documentation must provide engineering construction detail for the following public infrastructure works that must be completed as part of the approved development. Council reserve the right of keeping all bonds on infrastructure works for 12 month defects liability period.
 - d) Video inspection must be carried out of completed drainage works that are to revert to council and a video tape forwarded to council's development engineer to support the certification. Bonds held by Council will be returned after receipt of satisfactory information.

- e) The street stormwater drainage system shall be designed for an average recurrence interval (A.R.I.) of 1 in 20 years.
- f) All redundant stormwater pipelines within the footpath area shall be removed and the footpath and kerb reinstated.
- g) 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 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.
- h) 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.
- i) Provide subsoil drainage to all necessary areas with pump out facilities as required.

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)

Sydney Water requirements - Building Plan Approval

C32. The approved plans must be submitted to the Sydney Water Tap inTM online service 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.

The Sydney Water Tap inTM online self-service replaces our Quick Check Agents as of 30 November 2015.

The Tap inTM service provides 24/7 access to a range of services, including:

- building plan approvals
- connection and disconnection approvals
- diagrams
- trade waste approvals
- pressure information
- water meter installations
- pressure boosting and pump approvals
- changes to an existing service or asset, e.g. relocating or moving an asset.

Sydney Water's Tap inTM online service is available at: https://www.sydneywater.com. au/SW/plumbing-building-developing/building/sydney-water-tap-in/index.htm

(Reason: Compliance with Sydney Water requirements)

Front Boundary Wall

C33. The remnant heritage sandstone wall on the front boundary of 16A Thrupp Street is to be retained and conserved. The remainder of the front boundary wall is to be constructed in sandstone in a similar colour and with a split-faced texture. Honed or sawn finishes are not to be used.

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 retain heritage assets and the character of North Sydney)

Disabled Access

C34. The disabled access lift into the building is to be fully automated and capable of use by one person.

(Reason: To ensure equitable access)

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)

Notification of New Addresses

D2. Prior to the commencement of any building works, an application must be made and written confirmation received from North Sydney Council of the allocated street address (house number) and/ or unit numbers of the completed project. To assist Council, a plan for unit numbering should be submitted for concurrence. These details will be recorded in Council records and must be displayed at the property in accordance with the provisions of the applicable Australian Standard relating to rural and urban addressing.

A copy of the allocation confirmation must be submitted to the Certifying Authority with the application for a Construction Certificate.

(Reason: To ensure that Council records are accurate, and that house numbering complies

with the requirements of Council's House Numbering Policy. Proper house

numbering also assists emergency services in readily locating properties)

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 inTM online service. Building plans must be submitted to the Tap inTM 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)

Commencement of Works Notice

D4. 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)

Arborist to be commissioned

D5. An experienced AQF Level 5 consulting arborist must be commissioned to assist the design development, contract documentation and overseeing of construction works on the site for their duration by undertaking regular inspections of the works in progress and providing advice in relation to tree matters. Written details of the engagement of the experienced arborist must be submitted to the Certifying Authority prior to the issue of any Construction Certificate.

Note: This condition, and any advice given by the consulting arborist, should not be

construed as authorising the carrying of development with/ otherwise than in

accordance with the development consent.

(Reason: To ensure that all matters relating to trees are resolved and recorded using best

practice)

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 Provisions

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)

Temporary Disposal of Stormwater Runoff

E4. 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

E5. 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 report from JK Geotechnics (Ref 30294 Rev 2) dated March 2019 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

- E6. During the works on public infrastructure reverting to Councils care and control, Councils development engineer <u>must</u> undertake inspections of the works at the following hold points:
 - a) Vehicular access; and associated road civil works.
 - b) Stormwater infrastructure 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

E7. In order to ensure compliance with approved plans, a Survey Certificate, to Australian Height Datum, must be prepared by a Registered Surveyor as follows: -

In order to ensure compliance with approved plans, a Survey Certificate, prepared to Australian Height Datum, must be prepared by a Registered Surveyor showing the following: -

- a) at the completion of excavation, prior to the placement of any footings, showing the completed level of the excavation and its relationship to the boundaries;
- b) prior to placement of concrete at the ground floor level, showing the level of the form work and its relationship to boundaries including relevant footpath and roadway levels;
- c) prior to placement of concrete at each fifth floor level showing the principal level of the formwork and the intended relationship of the completed works to the boundary;

- d) prior to roofing, or completion of the highest point of the building showing the anticipated level of the completed work and its relationship to the boundary; and
- e) at completion, works showing the relationship of the building to the boundary and showing the maximum height of the overall works and the height of the principal roof elements.

Progress certifications in response to points (a) through to (e) 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

- E8. 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

E9. 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

E10. 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

E11. No trees on public property adjacent to the site (footpaths, roads, reserves, etc.) shall be removed or damaged during construction including for the erection of any fences, hoardings or other temporary works, unless specifically approved by the conditions of this consent.

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

Protection of Trees

E12. 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.

The tree protection measures contained in the Arboricultural Impact Appraisal and Method Statement prepared by Redgum Horticultural dated 20 March 2017 and revised 30 May 2019 (Ref.2770.4) 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 4.55 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)

Special Permits

E13. 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

E14. 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)

Installation and Maintenance of Sediment Control

E15. 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 & 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)

Remedial Action Plan (Contaminated Land)

E16. Any remediation work required by Condition E24 of this consent must be carried out in strict accordance with the Remedial Action Plan approved under this consent and all relevant guidelines issued under the Contaminated Land Management Act.

(Reason: To ensure the proper management of contaminated land)

Site Amenities and Facilities

E17. 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 www.workcover.nsw.gov.au

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

Health and Safety

E18. 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

E19. 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

E20. 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)

Imported Fill Material

- E21. The only waste derived fill material that may be received at the development site is:
 - a) Virgin excavated natural material (within the meaning of the Protection of the Environment Operations Act 1997); and
 - b) Any other waste-derived material the subject of a resource recovery exemption under cl. 51A of the Protection of the Environment Operations (Waste) Regulation 2005 that is permitted to be used as fill material.

Any waste-derived material the subject of a resource recovery exemption received at the development site, must be accompanied by documentation as the material's compliance with the exemption conditions and must be provided to the Certifying Authority on request.

(Reason: To ensure that imported fill is of an acceptable standard for environmental protection purposes)

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)

Asbestos Removal

E23. 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)

Unexpected Contamination - Remedial Action Plan

- E24. If any land contamination is discovered during the course of the development works, all works shall cease until such time as a Remedial Action Plan has been drawn up by a suitably qualified person/environmental consultant detailing the process for retention, excavation, storage & handling, classification, disposal or re-use of disturbed soils on the site. The following process shall then be followed:-
 - 1. Soil to be excavated/disturbed shall be tested for contamination. Any soils found to contain contaminants of concern must be classified for disposal purposes, appropriately stored, and properly disposed of to a facility licensed to receive that category of waste.
 - 2. Waste facility receipts must be retained on site for inspection by Council/PCA upon request.
 - 3. If fill is to remain on site, this soil will need to be tested to confirm its suitability (or otherwise) for re-use on site. Any soils found to contain contaminants of concern must be classified for disposal purposes, appropriately stored, and properly disposed of to a facility licensed to receive that category of waste.
 - 4. Should dewatering of the site be intended, the ground water will require to be tested prior to assess the most suitable disposal option.

The site will then be required to be adequately remediated and validated as being fit for its intended use by a suitably experienced environmental consultant.

A notice of completion, including validation is to be provided to Council following the removal of any contaminated soils.

(Reason: To ensure the land is suitable for its intended purpose)

Service adjustments

E25. 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)

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.

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, 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)

Noise Certification

G2. Prior to issue of the any Occupation Certificate a certificate from an appropriately qualified acoustical consultant eligible for membership of the Association of Australian Acoustic Consultants is to be submitted to, and approved by, the Certifying Authority certifying that the noise and vibration from use of the development complies with all of the conditions of consent here-in, and should clearly confirm that the following noise criteria are achieved:

Location	Time Period	Criteria
Bedroom	Night (10pm – 7am)	35 dB(A)Leq (9hour)
Living Areas	Anytime	35 dB(A)Leq (24hour)

(Reason: To ensure acoustic amenity and to comply with statutory requirements including

the requirements within Clause 102 of SEPP Infrastructure 2007)

Certification - Civil Works

- G3. 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.
 - 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)

Works as Executed Drawings and Video

G4. A works-as-executed survey drawing (W.A.E.) of the completed stormwater drainage system must be obtained. The W.A.E. survey drawing must show the alignment, depth and grade of the stormwater drainage pipelines, pits and ancillary plumbing.

The W.A.E survey drawing must be reviewed by a qualified and practising civil engineer and certification provided to the Certifying Authority that the as-built system achieves the design intent of the plans approved with the Construction Certificate. Certification must be provided with the W.A.E survey drawing to the Certifying Authority prior to the issue of an Occupation Certificate.

A copy of the WAE survey drawing, CCTV - video inspection and certification must be submitted to the Council if it is not the Certifying Authority.

(Reason: Compliance with the Consent)

Certification for Mechanical Exhaust Ventilation

G5. Prior to issue of an Occupation Certificate and following the completion, installation, and testing of all the mechanical ventilation systems, a Mechanical Ventilation Certificate of Completion and Performance in accordance with Clause A2.2(a)(iii) of the Building Code of Australia, must be submitted to, and approved by, the Certifying Authority.

(Reason: To ensure compliance with acceptable standards for the construction and operation of mechanical plant)

Utility Services

G6. 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)

Regulated Systems - Air Handling

- G7. To ensure that adequate provision is made for ventilation of the building all mechanical and/or natural ventilation systems shall be designed, constructed installed and tested in accordance with the provisions of:
 - 1) The Building Code of Australia;
 - 2) The applicable Australian Standards;
 - 3) The Public Health Act:
 - 4) Public Health Regulation 2012;
 - 5) Work Cover Authority;

The regulated system must be certified by an appropriately qualified engineer as compliant with the above provisions and registered with Council prior to commissioning the system and prior to issue of the Occupation Certificate.

(Reason: To ensure public health is maintained; Statutory)

Basement Pump-Out Maintenance

G8. Prior to issue of an Occupation Certificate a Maintenance Regime must be prepared for the basement stormwater pump-out system and submitted to the Principal Certifying Authority for approval with the Occupation Certificate documentation. The regime must specify that the system is to be regularly inspected and checked by qualified practitioners.

The basement stormwater pump-out system must be maintained in accordance with the approved Maintenance Regime at all times.

(Reason: To ensure future provision for maintenance of the drainage system)

Notification of New Address Developments

- G9. Prior to any Occupation Certificate being issued, the person acting upon this consent must comply with the following: -
 - (a) Notify Australia Post of the address(es) as issued by Council and the location in plan form of any secondary, internal addresses, in relation to built public roads. Check Australia Post Website (www.auspost.com.au) to find your nearest Australia Post Delivery Facility.

(Reason:

To ensure that Council records are accurate, and that house numbering complies with the requirements of Council's House Numbering Policy. Proper house numbering also assists emergency services in readily locating properties)

Asbestos Clearance Certificate

G10. 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)

Certification of Tree Condition

G11. Prior to the issue of an Occupation Certificate, a statement prepared by an appropriately qualified person (being an arborist or the like) must be submitted to the Certifying Authority, describing the health of the trees specifically nominated below: -

Tree	Location
T4 Pittosporum undulatum (Native Daphine)	Neighbouring land near north boundary
T5 Casuarina glauca (Swamp She Oak)	Neighbouring land near north boundary
T6 Olea europaea var. Africana (African Olive)	Neighbouring land near north boundary
T7 Syzygium smithii (Lilly Pily)	Neighbouring land near north boundary
T8 Casuarina glauca (Swamp She Oak)	Within subject site near north boundary
T10 Lophostemon confertus (Queensland Brush Box)	Neighbouring land near west boundary
T11 Lophostemon confertus (Queensland Brush Box)	Neighbouring land near west boundary
T12 Lophostemon confertus (Queensland Brush Box)	Neighbouring land near west boundary
T13 Celtis occidentalis (Hackberry)	Neighbouring land near west boundary
T14 Cinnamomum camphora (Camphor Laurel)	Within subject site near west boundary
T15 Celtis occidentalis (Hackberry)	Neighbouring land near west boundary
T17 Acer negundo (Box Elder Maple)	Neighbouring land near north boundary
T20 Sapium sebiferum (Chinese Tallowwood)	Thrupp Street outside the site
T21 Sapium sebiferum (Chinese Tallowwood)	Thrupp Street outside the site
T22 Sapium sebiferum (Chinese Tallowwood)	Thrupp Street outside the site
T23 Celtis occidentalis (Hackberry)	Neighbouring land near north boundary

The report must detail the condition and health of the nominated trees upon completion of the works, and shall certify that the trees have not been significantly damaged during the works on the site, and shall confirm that the trees have reasonable prospects for survival.

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

BASIX Completion Certificate

G12. 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

G13. The landscaping shown in the approved landscape plans listed in Condition A1 of this consent must be completed in full prior to the issue of any Occupation Certificate.

(Reason: To ensure compliance and in the interests of the visual amenity of the site)

Damage to Adjoining Properties

- G14. On completion of the development the subject of this consent and prior to the issue of the Occupation Certificate, a report is to be prepared by an appropriately qualified consultant and is to be provided to the Certifying Authority (and a copy to Council if it is not the Certifying Authority) certifying:
 - a) whether any damage to adjoining properties has occurred as a result of the development;
 - b) the nature and extent of any damage caused to the adjoining property as a result of the development;
 - c) the nature and extent of works required to rectify any damage caused to the adjoining property as a result of the proposed development;
 - d) the nature and extent of works carried out to rectify any damage caused to the adjoining property as a result of the development; and
 - e) the nature and extent of any agreements entered into for rectification of any damage caused to the adjoining property as a result of the development.

The report and certification must reference the dilapidation survey and reports required to be provided to the Certifying Authority in accordance with this consent.

Where works required to rectify any damage caused to adjoining property as a result of the development identified in the report and certification have not been carried out, a satisfactory agreement for rectification of the damage is to be made with the affected person/s as soon as possible prior to the issue of an Occupation Certificate.

All costs incurred in achieving compliance with this condition shall be borne by the developer.

(Reason: To ensure adjoining owner's property rights are protected in so far as possible)

Intercom

G15. An intercom system must be provided in a convenient location adjacent to the visitor parking entry to enable easier and safe access to visitor parking prior to issue of any occupation Certificate.

(Reason: To ensure convenient access is available for visitors to the building)

Allocation of Spaces

G16. Car parking spaces must be provided and maintained at all times on the subject site. The spaces shall be allocated to uses within the building in accordance the following table:

No. spaces	Use
26 spaces	Residential
5 spaces	Residential – Visitors

The car parking spaces are to be identified on-site by line-marking and numbering upon the completion of the works and prior to issue of Occupation Certificate. Car parking spaces provided must only be used in conjunction with the approved uses contained within the development.

In the case of Strata subdivision any car parking for strata lots for residential purposes must be individually allocated to its corresponding residential strata lot as part of each lots' unit entitlement.

Visitor parking facilities must be designated as common property on the strata plan. Visitor parking facilities must not at any time be allocated, sold, licensed or leased for the exclusive use of any occupier or owner and must be retained as common property by the Owners Corporation for use by building visitors.

(Reason: To ensure that adequate parking facilities to service the development are provided on site)

Compliance with Certain conditions

G17. Prior to the issue of any Occupation Certificate, Conditions C12, C33, G11, G14 and G20 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)

Site Amalgamation

G18. Prior to the first occupation of the development approved by this consent, the existing parcels of land which make up the development site (SP 51823, Lots 101 and 102 in DP 746388 and SP 12903) shall be amalgamated into one land title.

(Reason: Compliance with this consent)

Section 73 Certificate

G19. A Section 73 Compliance Certificate under the *Sydney Water Act 1994* must be obtained from Sydney Water.

It is recommended that applicants apply early for the certificate, as there may be water and sewer pipes to be built and this can take some time. This can also impact on other services and building, driveway or landscape design.

Application must be made through an authorised Water Servicing Coordinator. For help either visit www.sydneywater.com.au > Plumbing, building and developing > Developing > Land development or telephone 13 20 92.

Compliance with Sydney Water requirements) (Reason:

Privacy devices to windows and balconies

Prior to the first occupation of the development, all privacy screens, louvres opaque glazing, G20. and permanent planter boxes to terraces/balconies shown on the approved plans shall be provided. These must be permanently installed and all privacy blades shall be angled and permanently fixed to prevent direct views to neighbours. All privacy measures shall then be permanently retained.

(Reason: To ensure adequate privacy for neighbours and future occupants)

Lighting Upgrade

The developer shall upgrade lighting levels on Thrupp Street adjacent to the site, to the G21. appropriate Australian Standard, and to the satisfaction of Council. The developer shall pay the full costs of this lighting upgrade. Council's Traffic Engineer, Mr Nathan Wu, can be contacted on 9936 8100 for further information regarding the requirements of this condition.

To ensure lighting around the site is adequate in the interests of residential (Reason: amenity and safety)

I. On-Going / Operational Conditions

Visitors Parking Sign

I1. A sign, legible from the street, must be permanently displayed to indicate that visitor parking is available on the site and the visitor car parking spaces must be clearly marked as such.

(Reason: To ensure that visitors are aware that parking is available on site and to identify those spaces to visitors)

Use of Car Parking Spaces

I2. Car parking spaces provided must only be used in conjunction with the approved uses contained within the development. Visitor parking facilities must be designated as common property on any strata plan.

Visitor parking facilities must not at any time be allocated, sold, licensed or leased for the exclusive use of any owner or occupier or third party and must be retained as Common Property by the owners corporation for use by building visitors.

To ensure that visitor parking is not allocated to building occupants and remains (Reason:

available on an ongoing basis)

Allocation of Spaces

I3. The allocation of Carparking spaces within the development must be maintained at all times in accordance with the terms of this consent. The allocation of spaces must be maintained in accordance with the following table:

No. spaces	Use
26 spaces	Residential
5 spaces	Residential – Visitors

Car parking spaces provided must only be used in conjunction with the approved uses contained within the development. In the case of Strata subdivision any car parking for strata lots for residential purposes must be individually allocated to its corresponding residential strata lot as part of each lot's unit entitlement.

Visitor parking facilities must be designated as common property on the strata plan. Visitor parking facilities must not at any time be allocated, sold, licensed or leased for the exclusive use of any occupier or owner and must be retained as common property by the Owners Corporation for use by building visitors.

(Reason: To ensure that adequate parking facilities to service the development are

provided on site)

Waste Collection

I4. Waste and recyclable material, generated by this premises, must not be collected between the hours of 10pm and 6am on any day.

(Reason: To ensure the amenity of surrounding properties)

Maintenance of Approved Landscaping

I5. The owners/management company (whichever applies) are to maintain the landscaping approved by this consent generally in accordance with the landscaping plans listed in Condition A1 of this consent.

Any replacement plants required shall be advanced in growth and be selected to maintain the anticipated mature height, canopy density and nature of those plant species as originally approved.

(Reason: To ensure landscaping is maintained in the interests of visual amenity and

environmental performance)

Noise and vibration from air conditioning units, plant, and internal car lift

I6. The on-going use of the air conditioning units, plant and car lift approved under this consent must comply with all the conditions pertaining to noise and vibration specified in this consent.

(Reason: To ensure compliance with the specified levels of noise and vibration and to maintain the amenity of surrounding land uses)