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Ref: DA0578/14

11 August 2015

Panel Secretariat
Sydney West Joint Regional Planning Panel
GPO Box 39
SYDNEY NSW 2001

Department of Planning Received 1 4 AUG 2015

Scanning Room

Dear Sir/Madam

NOTICE OF DETERMINATION OF A DEVELOPMENT APPLICATION BY THE SYDNEY WEST JOINT REGIONAL PLANNING PANEL

Issued under the Environmental Planning and Assessment Act 1979

Application No.:

DA0578/14

Proposed Development:

Demolish existing structures and construct a mixed use development consisting of retail and commercial spaces, 33 residential units, basement parking and

stratum subdivision

Property:

43 - 47 Lindfield Avenue & 9 Havilah Lane

LINDFIELD NSW 2070

Pursuant to Section 80(3) of the Act and Clause 95 of the Environment Planning Assessment Regulation 2000, notice is given that the above development application, has been determined by the granting of deferred commencement development consent, subject to the conditions specified in this Notice.

Date of determination:

5/08/2015

Date from which consent operates:

Deferred Commencement

Date consent lapses:

2 years and 1 day from date of completion of

deferred commencement conditions

SCHEDULE A - Deferred commencement condition

Deferred Commencement Condition

This consent is not to operate until the Applicant satisfies the Council, within 12 months of the date of this consent, that approval/certification from Sydney Trains as to the following matters has been obtained and the approval/certification has been forwarded to Council:

1. Sydney Trains requirements

The applicant shall prepare and provide to Sydney Trains for approval/certificate the following items:

- Geotechnical and Structural report/drawings that meet Sydney Trains requirements. The Geotechnical Report must be based on actual borehole testing conducted on the site closest to the rail corridor.
- 2. Construction methodology with construction details pertaining to the structural support during excavation. The applicant is to be aware that Sydney Trains will not permit any rock anchors/bolts (whether temporary or permanent) within its land or easements.
- 3. Cross sections drawings showing the tunnel easement, tunnel location, sub soil profile, proposed basement excavation and structural design of sub ground support adjacent to the rail tunnel. All measurements are to be verified by a Registered Surveyor.
- 4. Detailed Survey Plan showing the relationship of the proposed development with respect to the Sydney Trains easement and tunnel location.
- 5. If required by Sydney Trains, an FE analysis which assessed the different stages of loading-unloading of the site and its effect on the rock mass surrounding the rail corridor.

Any conditions issued as part of Sydney Trains approval/certification of the above documents will also form part of the consent conditions that the Applicant is required to comply with.

SCHEDULE B – The standard conditions of consent are out as follows:

CONDITIONS THAT IDENTIFY APPROVED PLANS:

2. Approved architectural plans and documentation (new development)

The development must be carried out in accordance with the following plans and documentation listed below and endorsed with Council's stamp, except where amended by other conditions of this consent:

Plan no.	Drawn by	Dated
DA5.00B Setback Diagram Plan	Vic Lake Architect	28/04/2015
DA5.01B Setback Diagram Sections	Vic Lake Architect	28/04/2015
DA5.04B Storage Diagram	Vic Lake Architect	04/05/2015
DA5.05B Adaptable Apartments Plan	Vic Lake Architect	28/04/2015
DA6.00B Site Plan	Vic Lake Architect	28/04/2015
DA6.01B Basement 04- Basement 03 Plans	Vic Lake Architect	28/04/2015
DA6.02B Basement 02- Basement 01 Plans	Vic Lake Architect	28/04/2015

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Plans	DA6.03B Level 01 Floor Plan	Vic Lake Architect	28/04/2015
DA6.05B Level 04 - Level 05 Floor Plans DA6.06B Level 06 - Level 07 Plans DA6.07B Level 08 Plan - Roof Plan Vic Lake Architect DA7.00B Section AA & Section BB Vic Lake Architect DA7.01B Section AA & Section BB Vic Lake Architect DA7.01B Section CC & Section DD Vic Lake Architect DA8.00B North & South Elevations DA8.01B East & West Elevations DA8.01B East & West Elevations DA12.00B Stratum Plan Vic Lake Architect 28/04/2015 DA8.01B East & West Elevations Vic Lake Architect 28/04/2015 DA8.01B East & West Elevations Vic Lake Architect 28/04/2015 DA8.01B East & West Elevations Vic Lake Architect 28/04/2015 DA8.01B East & West Elevations Vic Lake Architect 28/04/2015 DA8.01B East & West Elevations Vic Lake Architect 28/04/2015 DA8.01B East & West Elevations Vic Lake Architect 28/04/2015 DA8.01B East & West Elevations Vic Lake Architect 28/04/2015 DA8.01B East & West Elevations Vic Lake Architect 28/04/2015 DA8.01B East & West Elevations Vic Lake Architect 28/04/2015 DA8.01B East & West Elevations Vic Lake Architect 28/04/2015 DA8.01B East & West Elevations Vic Lake Architect 27/04/2015 ACOR Consultants Pty Ltd 23.04.2015 ACOR Consultants Pty Ltd 12/2014 12/2014 12/2014 12/2014 12/2014 12/2014 12/2014 12/2014 12/2014 12/2014 12/2014 12/2014 12/2015 DA9.01		Vic Lake Architect	04/05/2015
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	DA13.00A Vehicle Ramp Details	Vic Lake Architect	17/12/2014
DA4.01A Demolition plan Vic Lake Architect 12/12/2014		Vic Lake Architect	12/12/2014
	DA4.01A Demolition plan	Vic Lake Architect	12/12/2014

Document(s)	Dated
Colours and finishes schedule - DA1.01A Mood Board and Finishes Vic Lake Architecture DA0.00A Renders Vic Lake Architecture	11/12/2014 17/12/2014
Basix certificate No. 597802M_06	1 July 2015
Access Report prepared by BCA Access Reference 104511-Acess-r5	18/12/2014
Arborist Report prepared by Jacksons Nature Works	18/12/2014

Acoustic Report prepared by Day Design Pty Ltd	5 May 2015
Waste Management Program prepared by Harris Farm Markets	23 April 2015
Traffic Assessment prepared by Traffic Impact Services Pty Ltd	December 2014 received by Council May 2015
Waste Management Plan prepared by Arkibuild	14/12/14
Rail Noise Intrusion Report prepared by Day Design Pty Ltd	18/12/2014
Environmental Noise Impact Assessment prepared by Day Design Pty Ltd	18/12/2014
BCA Assessment Report prepared by BCA Logic Reference 104511-BCA-r5	17/12/2014
Remediation Action Plan report E22407 AA Rev 0 prepared by Environmental Investigations Australia	19 December 2014
BCA Section J Report prepared by Building & Energy Consultants Australia	May 2015

Reason:

To ensure that the development is in accordance with the

determination.

3. Inconsistency between documents

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

Reason:

To ensure that the development is in accordance with the

determination.

4. Approved landscape plans

Landscape works shall be carried out in accordance with the following landscape plan(s), listed below and endorsed with Council's stamp, except where amended by other conditions of this consent:

Plan no.	Drawn by	Dated
LP01 B - LP05 A, LP06 A - LP08 A	Site Design Studios	30/04/2015 &
		29/04/2015

Reason:

To ensure that the development is in accordance with the

determination.

CONDITIONS TO BE SATISFIED PRIOR TO DEMOLITION, EXCAVATION OR CONSTRUCTION:

5. Asbestos works

All work involving asbestos products and materials, including asbestos-cement-

sheeting (ie. Fibro), must be carried out in accordance with the guidelines for asbestos work published by WorkCover Authority of NSW.

Reason: To ensure public safety.

6. Dilapidation report Sydney Trains infrastructure

If required by Sydney Trains, prior to the commencement of works and prior to the issue of an Occupation Certificate, a joint inspection of the rail infrastructure and property in the vicinity of the project is to be carried out by representatives from Sydney Trains and the Applicant. These dilapidation surveys will established the extent of any existing damage and enable any deterioration during construction to be observed. The submission of a detailed dilapidation report will be required unless otherwise notified by Sydney Trains.

Reason: To satisfy Sydney Trains requirements for concurrence.

7. Notice of commencement

At least 48 hours prior to the commencement of any development (including demolition, excavation, shoring or underpinning works), a notice of commencement of building or subdivision work form and appointment of the principal certifying authority form shall be submitted to Council.

Reason: Statutory requirement.

8. Notification of builder's details

Prior to the commencement of any development or excavation works, the Principal Certifying Authority shall be notified in writing of the name and contractor licence number of the owner/builder intending to carry out the approved works.

Reason: Statutory requirement.

Notice of proposed work (contaminated land)

A notice of proposed work form must be given to Council's Manager Development Assessment Services, in accordance with SEPP 55, Clause 16. Note: At least 30 days notice is required, except in the case of work required to be carried out immediately under the terms of remediation order (in which case, at least 1 days notice is required).

SEPP 55, Clause 16 requires that the notice must:

- be in writing
- provide the name, address and telephone number of the person who has the duty of ensuring that the notice is given
- briefly describe the remediation work
- show why the person considers that the work is category 2 remediation work by reference to Clause 9, 14 and (if it applies) 15(1)

- specify, by reference to its property description and street address (if any), the land on which the work is to be carried out
- provide a map of the location of the land
- provide estimates of the dates for the commencement and completion of the work

The following additional information must be submitted with the notice to Council:

- copies of any preliminary investigation, detailed investigation and remediation action plan for the site
- contact details for the remediation contractor and any other party responsible for ensuring compliance of remediation work with regulatory requirements

Reason: Protection of the environment and compliance with SEPP 55.

10. Site contamination and remediation

The Remediation Action Plan for 43 - 47 Lindfield Avenue and 9 Havilah Lane Lindfield, prepared by Environmental Investigations Australia, dated December 2013, is to be updated by an appropriately qualified land contamination expert to include the results of suitable borehole testing across the entire development site.

A Remediation Action Plan (RAP) and Site Audit Statement (SAS) are to be prepared by a suitably qualified person addressing all site contamination and remediation issues identified in the updated report.

The site is to be remediated and validated in accordance with the report/s prior to execution of any works associated with this development except demolition and excavation.

The Site Audit Statement is to be submitted to Council on completion. Conditions of the Site Audit Statement shall form part of this consent. An Accredited Site Auditor is to be appointed to manage all recommended site contamination and remediation measures.

Any variation to the proposed RAP shall be approved in writing by the Accredited Site Auditor and Council prior to the commencement of such work.

Reason: SEPP 55 and environmental safety.

11. Dilapidation photos (public infrastructure)

Prior to the commencement of any works on site the applicant must submit to Ku-ring-gai Council and the Principal Certifying Authority a photographic record on the visible condition of the existing public infrastructure **over the full site frontage** (in colour - preferably saved to cd-rom in 'jpg' format). The photos must include detail of:

The existing footpath

- The existing kerb and gutter
- The existing full road surface between kerbs
- The existing verge area
- The existing driveway and layback where to be retained
- Any existing drainage infrastructure including pits, lintels, grates.

Particular attention must be paid to accurately recording any pre-developed damaged areas on the aforementioned infrastructure so that Council is fully informed when assessing damage to public infrastructure caused as a result of the development (which is not to be repaired by the Applicant as part of the development). The developer may be held liable to all damage to public infrastructure in the vicinity of the site, where such damage is not accurately recorded and demonstrated under the requirements of this condition prior to the commencement of any works.

Reason: To protect public infrastructure.

12. Dilapidation survey and report (private property)

Prior to the commencement of any demolition or excavation works on site, the Principal Certifying Authority shall be satisfied that a dilapidation report on the visible and structural condition of all structures upon the following lands, has been completed and submitted to Council:

Address

- 51 Lindfield Avenue
- 41 Lindfield Avenue and 7 Havilah Lane, recognising that this will most likely be a snapshot of the Aqualand development under construction.

The dilapidation report must include a photographic survey of adjoining properties detailing their physical condition, both internally and externally, including such items as walls ceilings, roof and structural members. The report must be completed by a consulting structural/geotechnical engineer as determined necessary by that professional based on the excavations for the proposal and the recommendations of the submitted geotechnical report.

In the event that access for undertaking the dilapidation survey is denied by a property owner, the applicant must demonstrate in writing to the satisfaction of the Principal Certifying Authority 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.

Note: A copy of the dilapidation report is to be provided to Council prior to any excavation works been undertaken. The dilapidation report is for record keeping purposes only and may be used by an applicant or affected property owner to assist in any civil action required to resolve any dispute over damage to adjoining properties arising from works.

Reason: To record the structural condition of likely affected properties before works commence.

13. Construction and traffic management plan

The applicant must submit to Council a Construction Traffic Management Plan (CTMP), which is to be approved by Council and Roads and Maritime Services prior to the commencement of any works on site.

The plan is to consist of a report with Traffic Control Plans attached.

The report is to contain commitments which must be followed by the demolition and excavation contractor, builder, owner and subcontractors. The CTMP applies to all persons associated with demolition, excavation and construction of the development.

The report is to contain construction vehicle routes for approach and departure to and from all directions.

The report is to contain a site plan showing entry and exit points. Swept paths are to be shown on the site plan showing access and egress for an 11 metre long heavy rigid vehicle.

The Traffic Control Plans are to be prepared by a qualified person (red card holder). One must be provided for each of the following stages of the works:

- o Demolition
- o Excavation
- o Concrete pour
- o Construction of vehicular crossing and reinstatement of footpath
- o Traffic control for vehicles reversing into or out of the site.

Traffic controllers must be in place at the site entry and exit points to control heavy vehicle movements in order to maintain the safety of pedestrians and other road users.

When a satisfactory CTMP is received, a letter of approval will be issued with conditions attached. Traffic management at the site must comply with the approved CTMP as well as any conditions in the letter issued by Council. Council's Rangers will be patrolling the site regularly and fines may be issued for any non-compliance with this condition.

Reason:

To ensure that appropriate measures have been considered during all phases of the construction process in a manner that maintains the environmental amenity and ensures the ongoing safety and protection of people.

14. Work zone

A Works Zone is to be provided in Havilah Lane subject to the approval of the Kuring-gai Local Traffic Committee.

No loading or unloading must be undertaken from the public road or nature strip unless within a Works Zone which has been approved and paid for.

In the event the work zone is required for a period beyond that initially approved by the Traffic Committee, the applicant shall make a payment to Council for the extended period in accordance with Council's schedule of fees and charges for work zones prior to the extended period commencing.

Reason:

To ensure that appropriate measures have been made for the

operation of the site during the construction phase,

15. Sediment controls

Prior to any work commencing on site, sediment and erosion control measures shall be installed along the contour immediately downslope of any future disturbed areas.

The form of the sediment controls to be installed on the site shall be determined by reference to the 'NSW Department of Housing manual 'Managing Urban Stormwater: Soils and Construction'. The erosion controls shall be maintained in an operational condition until the development activities have been completed and the site fully stabilised. Sediment shall be removed from the sediment controls following each heavy or prolonged rainfall period.

Reason: To preserve and enhance the natural environment.

16. Erosion and drainage management

Earthworks and/or demolition of any existing buildings shall not commence until an erosion and sediment control plan is submitted to and approved by the Principal Certifying Authority. The plan shall comply with the guidelines set out in the NSW Department of Housing manual "Managing Urban Stormwater: Soils and Construction" certificate. Erosion and sediment control works shall be implemented in accordance with the erosion and sediment control plan.

Reason: To preserve and enhance the natural environment.

17. Construction waste management plan

Prior to the commencement of any works, the Principal Certifying Authority shall be satisfied that a waste management plan, prepared by a suitably qualified person, has been prepared in accordance with Council's DCP 40 - Construction and Demolition Waste Management.

The plan shall address all issues identified in DCP 40, including but not limited to: the estimated volume of waste and method for disposal for the construction and operation phases of the development.

Note: The plan shall be provided to the Certifying Authority.

Reason: To ensure appropriate management of construction waste.

18. Noise and vibration management plan

Prior to the commencement of any works, a noise and vibration management

plan is to be prepared by a suitably qualified expert addressing the likely noise and vibration from demolition, excavation and construction of the proposed development and provided to the Certifying Authority. The management plan is to identify amelioration measures to achieve the best practice objectives of AS 2436-2010 and NSW Environment Protection Authority Interim Construction Noise Guidelines. The report shall be prepared in consultation with any geotechnical report that itemises equipment to be used for excavation works.

The management plan shall address, but not be limited to, the following matters:

- identification of the specific activities that will be carried out and associated noise sources:
- identification of all potentially affected sensitive receivers, including residences, commercial premises and properties containing noise sensitive equipment;
- the construction noise objective specified in the conditions of this consent;
- the construction vibration criteria specified in the conditions of this consent;
- determination of appropriate noise and vibration objectives for each identified sensitive receiver;
- noise and vibration monitoring, reporting and response procedures;
- assessment of potential noise and vibration from the proposed demolition, excavation and construction activities, including noise from construction vehicles and any traffic diversions;
- description of specific mitigation treatments, management methods and procedures that will be implemented to control noise and vibration during construction;
- construction timetabling to minimise noise impacts including time and duration restrictions, respite periods and frequency;
- procedures for notifying surrounding occupants of construction activities that are likely to affect their amenity through noise and vibration;
- contingency plans to be implemented in the event of non-compliances and/or noise complaints;

Reason:

To protect the amenity afforded to surrounding residents and commercial occupants during the construction process.

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

19. Acoustic assessment

An acoustic assessment is to be submitted to Council prior to the issue of a Construction Certificate demonstrating how the proposed development will comply with the Department of Planning's document titled "Development Near Rail Corridors and Busy Roads - Interim Guidelines."

Reason: To satisfy Sydney Trains requirement.

20. Electrolysis risk assessment

Prior to the issue of a Construction Certificate the Applicant is to engage an Electrolysis Expert to prepare a report on the Electrolysis Risk to the development from stray currents. The applicant must incorporate in the development all the measures recommended in the report to control that risk. A copy of the report is to be provided to the Principal Certifying Authority with the application for a Construction Certificate.

Reason: To satisfy Sydney Trains requirement.

21. Lights, signs and reflective materials

The design, installation and use of lights, signs and reflective materials, whether permanent or temporary, which are (or from which reflected light might be) visible from the rail corridor must limit glare and reflectivity to the satisfaction of Sydney Trains.

The Principal Certifying Authority is not to issue the Construction Certificate until written confirmation has been received from Sydney Trains confirming that this condition has been satisfied.

Reason: To satisfy Sydney Trains requirement.

22. Risk assessment/management plan

If required by Sydney Trains, prior to the issue of a Construction Certificate a Risk Assessment/Management Plan and detailed Safe Work Method Statements (SWMS) for the proposed works are to be submitted to Sydney Trains for review and comment on the impacts on the rail corridor. The Principal Certifying Authority is not to issue the Construction Certificate until written confirmation has been received from Sydney Trains confirming this condition has been satisfied.

Reason: To satisfy Sydney Trains requirement.

23. Aerial operations

Prior to the issuing of a Construction Certificate the Applicant is to submit to Sydney Trains a plan showing all craneage and other aerial operations for the development and must comply with all Sydney Trains requirements. The Principal Certifying Authority is not to issue the Construction Certificate until written confirmation has been received from Sydney Trains confirming that this condition has been satisfied.

Reason: To satisfy Sydney Trains requirement.

24. Track monitoring plan

If required by Sydney Trains, a track monitoring plan (including instrumentation and the monitoring regime during excavation and construction phases) is to be

submitted to Sydney Trains for review and endorsement prior to issuing of a Construction Certificate. The Principal Certifying Authority is not to issue a Construction Certificate until written confirmation has been received from Sydney Trains advising of the need to undertake the track monitoring plan, and if required, that it has been endorsed.

Reason: To satisfy Sydney Trains requirement.

25. Privacy screens

Privacy screens with a height of 1.6 metres above the finished floor level (RL118.200) of Level 08 shall be provided in the following locations:

- the southern edge of the roof top communal open space. The screen shall be vertically fixed at a 45° angle.
- the southern and eastern edges of the Unit 7.2 roof top terrace. The screen is to be horizontally fixed and 75% obscure to prevent downward looking.

Plans and specifications shall be provided to the Principal Certifying Authority prior to the issue of a Construction Certificate.

Reason: To maintain privacy and visual amenity to adjoining properties.

26. Amendments to approved engineering plans

Prior to the issue of a Construction Certificate, the Certifying Authority shall be satisfied that the approved engineering plan(s), listed below and endorsed with Council's stamp, have been amended in accordance with the requirements of this condition as well as other conditions of this consent:

Plan no.	Drawn by	Dated
SY140526 C1.01 and C1.02 Issue B	ACOR Consultants	23.04.15

The above engineering plan(s) shall be amended as follows:

The on site detention volume is to be increased taking into account the proposed site coverage.

The above amendments are required to ensure compliance with the following:

Ku-ring-gai Local Centres DCP Volume C Part 4B.3-3.

Note: An amended engineering plan, prepared by a qualified engineer shall be submitted to the Certifying Authority.

Reason: To ensure that the development is in accordance with the determination.

27. Long service levy

In accordance with Section 109F(i) of the Environmental Planning and Assessment Act a Construction Certificate shall not be issued until any long

service levy payable under Section 34 of the Building and Construction Industry Long Service Payments Act 1986 (or where such levy is payable by instalments, the first instalment of the levy) has been paid. Council is authorised to accept payment. Where payment has been made elsewhere, proof of payment is to be provided to Council.

Reason: Statutory requirement.

28. Builder's indemnity insurance

The applicant, builder, developer or person who does the work on this development, must arrange builder's indemnity insurance and submit the certificate of insurance in accordance with the requirements of Part 6 of the Home Building Act 1989 to the Certifying Authority for endorsement of the plans accompanying the Construction Certificate.

It is the responsibility of the applicant, builder or developer to arrange the builder's indemnity insurance for residential building work over the value of \$20,000. The builder's indemnity insurance does not apply to commercial or industrial building work or to residential work valued at less than \$20,000, nor to work undertaken by persons holding an owner/builder's permit issued by the Department of Fair Trading (unless the owner/builder's property is sold within 7 years of the commencement of the work).

Reason: Statutory requirement.

29. Outdoor lighting

Prior to the issue of a Construction Certificate, the Certifying Authority shall be satisfied that all outdoor lighting will comply with AS/NZ1158.3: 1999 Pedestrian Area (Category P) Lighting and AS4282: 1997 Control of the Obtrusive Effects of Outdoor Lighting.

Note: Details demonstrating compliance with these requirements are to be

submitted prior to the issue of a Construction Certificate.

Reason: To provide high quality external lighting for security without adverse

effects on public amenity from excessive illumination levels.

30. Air drying facilities

Prior to the issue of the Construction Certificate, the Certifying Authority shall be satisfied that a common open space area dedicated for open air drying of clothes is provided. This area is to be located at ground level behind the building line and in a position not visible from the public domain.

In lieu of the above, written confirmation that all units will be provided with internal clothes drying facilities prior to the Occupation Certificate is to be submitted to the Certifying Authority prior to the issue of the Construction Certificate.

Reason: Amenity & energy efficiency.

31. External service pipes and the like prohibited

Proposed water pipes, waste pipes, stack work, duct work, mechanical ventilation plant and the like must be located within the building. Details confirming compliance with this condition must be shown on construction certificate plans and detailed with construction certificate specifications. Required external vents or vent pipes on the roof or above the eaves must be shown on construction certificate plans and detailed with construction certificate specifications. External vents or roof vent pipes must not be visible from any place unless detailed upon development consent plans. Where there is any proposal to fit external service pipes or the like this must be detailed in an amended development (S96) application and submitted to Council for determination.

Vent pipes required by Sydney Water must not be placed on the front elevation of the building or front roof elevation. The applicant, owner and builder must protect the appearance of the building from the public place and the appearance of the streetscape by elimination of all external services excluding vent pipes required by Sydney Water and those detailed upon development consent plans.

Reason:

To protect the streetscape and the integrity of the approved development.

32. Access for people with disabilities (commercial)

Prior to the issue of the Construction Certificate, the Certifying Authority shall be satisfied that access for people with disabilities from the public domain and all car parking areas on site to all tenancies within the building is provided. Consideration must be given to the means of dignified and equitable access.

Compliant access provisions for people with disabilities shall be clearly shown on the plans submitted with the Construction Certificate. All details shall be provided to the Principal Certifying Authority prior to the issue of the Construction Certificate. All details shall be prepared in consideration of the Disability Discrimination Act and the relevant provisions of AS1428.1, AS1428.2, AS1428.4 and AS 1735.12.

Reason:

To ensure the provision of equitable and dignified access for all people in accordance with disability discrimination legislation and relevant Australian standards.

33. Access for people with disabilities (residential)

Prior to the issue of the Construction Certificate, the Certifying Authority shall be satisfied that access for people with disabilities to and from and between the public domain, residential units and all common open space areas is provided. Consideration must be given to the means of dignified and equitable access.

Compliant access provisions for people with disabilities shall be clearly shown on the plans submitted with the Construction Certificate. All details shall be provided to the Principal Certifying Authority prior to the issue of the Construction Certificate. All details shall be prepared in consideration of the Disability Discrimination Act, and the relevant provisions of AS1428.1, AS1428.2, AS1428.4 and AS 1735.12.

Reason:

To ensure the provision of equitable and dignified access for all people in accordance with disability discrimination legislation and relevant Australian Standards.

34. Adaptable units

Prior to the issue of the Construction Certificate, the Certifying Authority shall be satisfied that the nominated adaptable units within the development application, [2.3, 3.3, 4.3, 5.1, 5.2, 6.1, 6.2 and 7.1], are designed as adaptable housing in accordance with the provisions of Australian Standard AS4299-1995: Adaptable Housing.

Note:

Evidence from an appropriately qualified professional demonstrating compliance with this control is to be submitted to and approved by the Certifying Authority prior to the issue of the Construction Certificate.

Reason:

Disabled access & amenity.

35. Noise from road and rail (residential only)

Prior to the issue of the Construction Certificate, the Certifying Authority shall submit evidence to Council demonstrating that the development will be acoustically designed and constructed to ensure that the following LAeq levels are not exceeded:

- (a) in any bedroom in the building-35 dB(A) at any time between 10 pm and 7 am.
- (b) anywhere else in the building (other than a garage, kitchen, bathroom or hallway)-40 dB(A) at any time.

Plans and specifications of the required acoustic design shall be prepared by a practicing acoustic engineer and shall be submitted to the Principal Certifying Authority.

Reason:

To minimise the impact of noise from the adjoining road or rail corridor on the occupants of the development.

36. Noise from plant in residential zone

Prior to the issue of the Construction Certificate an acoustic design report shall be prepared by an appropriately qualified acoustic consultant identifying all mechanical ventilation equipment and other noise generating plant including, but not limited to car park and garbage room exhaust, roller shutter doors, air conditioners and lifts proposed as part of the development. The report shall be submitted to the Certifying Authority and provide acoustic design detailing and recommendations to address any potential noise impacts to ensure that the operation of an individual piece of equipment or operation of equipment in

combination will not exceed more than 5dB(A) above the background (LA90, 15 min) level during the day when measured at the nearest adjoining property boundary and shall not be audible within a habitable room in any residential premises between the hours of 10.00pm and 7.00am.

Reason:

To comply with best practice standards for residential acoustic

amenity.

37. Location of plant (residential flat buildings)

Prior to the issue of the Construction Certificate, the Certifying Authority shall be satisfied that all plant and equipment (including but not limited to air conditioning equipment) is located within the basement.

C1. Note: Architectural plans identifying the location of all plant and

equipment shall be provided to the Certifying Authority.

Reason:

To minimise impact on surrounding properties, improved visual

appearance and amenity for locality.

38. Driveway crossing levels

Prior to issue of the Construction Certificate, driveway and associated footpath levels for any new, reconstructed or extended sections of driveway crossings between the property boundary and road alignment must be obtained from Kuring-gai Council. Such levels are only able to be issued by Council under the Roads Act 1993. All footpath crossings, laybacks and driveways are to be constructed according to Council's specifications "Construction of Gutter Crossings and Footpath Crossings".

Specifications are issued with alignment levels after completing the necessary application form at Customer Services and payment of the assessment fee. When completing the request for driveway levels application from Council, the applicant must attach a copy of the relevant development application drawing which indicates the position and proposed level of the proposed driveway at the boundary alignment.

This development consent is for works wholly within the property. Development consent does not imply approval of footpath or driveway levels, materials or location within the road reserve, regardless of whether this information is shown on the development application plans. The grading of such footpaths or driveways outside the property shall comply with Council's standard requirements. The suitability of the grade of such paths or driveways inside the property is the sole responsibility of the applicant and the required alignment levels fixed by Council may impact upon these levels.

The construction of footpaths and driveways outside the property in materials other than those approved by Council is not permitted.

To provide suitable vehicular access without disruption to pedestrian

and vehicular traffic.

39. Driveway grades - basement carparks

Prior to the issue of the Construction Certificate, longitudinal driveway sections are to be prepared by a qualified civil/traffic engineer and be submitted for to and approved by the Certifying Authority. These profiles are to be at 1:100 scale along both edges of the proposed residential driveway, starting from the centreline of the frontage street carriageway to the proposed Basement 03 floor level. The traffic engineer shall provide specific written certification on the plans that:

- vehicular access can be obtained using grades of 20% (1 in 5) maximum
- all changes in grade (transitions) comply with Australian Standard 2890.1
 "Off-street car parking" (refer clause 2.5.3) to prevent the scraping of the underside of vehicles.

If a new driveway crossing is proposed, the longitudinal sections must incorporate the driveway crossing levels as issued by Council upon prior application.

Reason:

To provide suitable vehicular access without disruption to pedestrian and vehicular traffic.

40. Basement car parking details

Prior to issue of the Construction Certificate, certified parking layout plan(s) to scale showing all aspects of the vehicle access and accommodation arrangements must be submitted to and approved by the Certifying Authority. A qualified civil/traffic engineer must review the proposed vehicle access and accommodation layout and provide written certification on the plans that:

- all parking space dimensions, driveway and aisle widths, driveway grades, transitions, circulation ramps, blind aisle situations and other trafficked areas comply with Australian Standard 2890.1 - 2004 "Off-street car parking"
- a clear height clearance of 2.6 metres is provided over the designated residential garbage collection truck manoeuvring areas within the basement
- no doors or gates are provided in the access driveways to the basement carpark which would prevent unrestricted access for internal garbage collection at any time from the basement garbage storage and collection area
- the vehicle access and accommodation arrangements are to be constructed and marked in accordance with the certified plans

Reason: To ensure that parking spaces are in accordance with the approved development.

41. Car parking allocation

Car parking within the development shall be allocated in the following way:

Resident car spaces	55
Visitor spaces	6
Retail spaces	41
Total spaces	102

Each adaptable dwelling must be provided with car parking complying with the dimensional and location requirements of AS2890.1 - parking spaces for people with disabilities. The car parking allocated within the basement must be amended to demonstrate accessible spaces are allocated to units 2.3, 3.3, 4.3, 5.1, 5.2, 6.1, 6.2 and 7.1.

At least one visitor space shall also comply with the dimensional and location requirements of AS2890.1 - parking spaces for people with disabilities.

Consideration must be given to the means of access from disabled car parking spaces to other areas within the building and to footpath and roads and shall be clearly shown on the plans submitted with the Construction Certificate.

Reason:

To ensure equity of access and appropriate facilities are available for people with disabilities in accordance with federal legislation.

42. Number of bicycle spaces

The basement car park shall be adapted to provide 13 bicycle spaces in accordance with Ku-ring-gai DCP (Local Centres) 2013. The bicycle parking spaces shall be designed in accordance with AS2890.3. Details shall be submitted to the satisfaction of the Certifying Authority prior to the issue of a Construction Certificate.

Reason:

To provide alternative modes of transport to and from the site.

CONDITIONS TO BE SATISFIED PRIOR TO THE ISSUE OF THE CONSTRUCTION CERTIFICATE OR PRIOR TO DEMOLITION, EXCAVATION OR CONSTRUCTION (WHICHEVER COMES FIRST):

43. Infrastructure restorations fee

To ensure that damage to Council Property as a result of construction activity is rectified in a timely matter:

- a) All work or activity taken in furtherance of the development the subject of this approval must be undertaken in a manner to avoid damage to Council Property and must not jeopardise the safety of any person using or occupying the adjacent public areas.
- b) The applicant, builder, developer or any person acting in reliance on this approval shall be responsible for making good any damage to Council Property, and for the removal from Council Property of any waste bin, building materials, sediment, silt, or any other material or article.

- c) The Infrastructure Restoration Fee must be paid to the Council by the applicant prior to both the issue of the Construction Certificate and the commencement of any earthworks or construction.
- In consideration of payment of the Infrastructure Restorations Fee, Council will undertake such inspections of Council Property as Council considers necessary and also undertake, on behalf of the applicant, such restoration work to Council Property, if any, that Council considers necessary as a consequence of the development. The provision of such restoration work by the Council does not absolve any person of the responsibilities contained in (a) to (b) above. Restoration work to be undertaken by the Council referred to in this condition is limited to work that can be undertaken by Council at a cost of not more than the Infrastructure Restorations Fee payable pursuant to this condition.

e) In this condition:

"Council Property" includes any road, footway, footpath paving, kerbing, guttering, crossings, street furniture, seats, letter bins, trees, shrubs, lawns, mounds, bushland, and similar structures or features on any road or public road within the meaning of the Local Government Act 1993 (NSW) or any public place; and

"Infrastructure Restoration Fee" means the Infrastructure Restorations Fee calculated in accordance with the Schedule of Fees & Charges adopted by Council as at the date of payment and the cost of any inspections required by the Council of Council Property associated with this condition.

Reason: To maintain public infrastructure.

44. Section 94 Contributions - Centres. (For DAs determined on or after 19 December 2010)

This development is subject to a development contribution calculated in accordance with Ku-ring-gai Contributions Plan 2010, being a s94 Contributions Plan in effect under the Environmental Planning and Assessment Act, as follows:

Key Community Infrastructure	Amount
Local parks and local sporting facilities	\$389,788.23
Local recreation and cultural facilities; Local social facilities	\$58,656.49
Local roads, local bus facilities & local drainage facilities	\$220,391.01
(new roads and road modifications)	
Local roads, local bus facilities & local drainage facilities	\$230,295.76
(townscape, transport & pedestrian facilities)	
Total:	\$899,131.49

The contribution shall be paid to Council prior to the issue of any Construction Certificate, Linen Plan, Certificate of Subdivision or Occupation Certificate whichever comes first in accordance with Ku-ring-gai Contributions Plan 2010.

The contributions specified above are subject to indexation and will continue to be indexed to reflect changes in the consumer price index and housing price index

until they are paid in accordance with Ku-ring-gai Contributions Plan 2010 to reflect changes in the consumer price index and housing price index. Prior to payment, please contact Council directly to verify the current payable contributions.

Copies of Council's Contribution Plans can be viewed at Council Chambers, 818 Pacific Hwy Gordon or on Council's website at www.kmc.nsw.gov.au.

Reason:

To ensure the provision, extension or augmentation of the Key Community Infrastructure identified in Ku-ring-gai Contributions Plan 2010 that will, or is likely to be, required as a consequence of the development.

CONDITIONS TO BE SATISFIED DURING THE DEMOLITION, EXCAVATION AND CONSTRUCTION PHASES:

45. Road opening permit

The opening of any footway, roadway, road shoulder or any part of the road reserve shall not be carried out without a road opening permit being obtained from Council (upon payment of the required fee) beforehand.

Reason:

Statutory requirement (Roads Act 1993 Section 138) and to maintain the integrity of Council's infrastructure.

46. Prescribed conditions

The applicant shall comply with any relevant prescribed conditions of development consent under clause 98 of the Environmental Planning and Assessment Regulation. For the purposes of section 80A (11) of the Environmental Planning and Assessment Act, the following conditions are prescribed in relation to a development consent for development that involves any building work:

- The work must be carried out in accordance with the requirements of the Building Code of Australia
- In the case of residential building work for which the Home Building Act 1989 requires there to be a contract of insurance in force in accordance with Part 6 of that Act, that such a contract of insurance is in force before any works commence.

Reason: Statutory requirement.

47. Hours of work

Demolition, excavation, construction work and deliveries of building material and equipment must not take place outside the hours of 7.00am to 5.00pm Monday to Friday and 8.00am to 12 noon Saturday. No work and no deliveries are to take place on Sundays and public holidays.

Excavation or removal of any materials using machinery of any kind, including

compressors and jack hammers, must be limited to between 7.30am and 5.00pm Monday to Friday, with a respite break of 45 minutes between 12 noon 1.00pm.

Where it is necessary for works to occur outside of these hours (ie) placement of concrete for large floor areas on large residential/commercial developments or where building processes require the use of oversized trucks and/or cranes that are restricted by the RTA from travelling during daylight hours to deliver, erect or remove machinery, tower cranes, pre-cast panels, beams, tanks or service equipment to or from the site, approval for such activities will be subject to the issue of an "outside of hours works permit" from Council as well as notification of the surrounding properties likely to be affected by the proposed works.

Note: Failure to obtain a permit to work outside of the approved hours will

result in on the spot fines being issued.

Reason: To ensure reasonable standards of amenity for occupants of

neighbouring properties.

48. Vibration

Vibration emitted from activities associated with the demolition, excavation, construction and fit-out of buildings and associated infrastructure shall satisfy the values referenced in Table 2.2 of the Environment Protection Authority Assessing Vibration - a Technical Guideline.

Reason: To protect the amenity of surrounding residents and commercial occupants during the construction process.

49. Approved plans to be on site

A copy of all approved and certified plans, specifications and documents incorporating conditions of consent and certification (including the Construction Certificate if required for the work) shall be kept on site at all times during the demolition, excavation and construction phases and must be readily available to any officer of Council or the Principal Certifying Authority.

Reason: To ensure that the development is in accordance with the determination.

50. Engineering fees

For the purpose of any development related inspections by Ku-ring-gai Council engineers, the corresponding fees set out in Councils adopted Schedule of Fees and Charges are payable to Council. A re-inspection fee per visit may be charged where work is unprepared at the requested time of inspection, or where remedial work is unsatisfactory and a further inspection is required. Engineering fees must be paid in full prior to any final consent from Council.

Reason: To protect public infrastructure.

51. Statement of compliance with Australian Standards

The demolition work shall comply with the provisions of Australian Standard AS2601: 2001 The Demolition of Structures. The work plans required by AS2601: 2001 shall be accompanied by a written statement from a suitably qualified person that the proposal contained in the work plan comply with the safety requirements of the Standard. The work plan and the statement of compliance shall be submitted to the satisfaction of the Principal Certifying Authority prior to the commencement of any works.

Reason: To ensure compliance with the Australian Standards.

52. Construction noise

During excavation, demolition and construction phases, noise generated from the site shall be controlled in accordance with best practice objectives of AS 2436-2010 and NSW Environment Protection Authority Interim Construction Noise Guidelines and the recommendations of the approved noise and vibration management plan.

Reason:

To protect the amenity of surrounding residents during the

construction process.

53. Site notice

A site notice shall be erected on the site prior to any work commencing and shall be displayed throughout the works period.

The site notice must:

- be prominently displayed at the boundaries of the site for the purposes of informing the public that unauthorised entry to the site is not permitted
- display project details including, but not limited to the details of the builder, Principal Certifying Authority and structural engineer
- be durable and weatherproof
- display the approved hours of work, the name of the site/project manager, the responsible managing company (if any), its address and 24 hour contact phone number for any inquiries, including construction/noise complaint are to be displayed on the site notice
- be mounted at eye level on the perimeter hoardings/fencing and is to state that unauthorised entry to the site is not permitted

Reason: To ensure public safety and public information.

54. Dust control

During excavation, demolition and construction, adequate measures shall be taken to prevent dust from affecting the amenity of the neighbourhood. The following measures must be adopted:

- physical barriers shall be erected at right angles to the prevailing wind direction or shall be placed around or over dust sources to prevent wind or activity from generating dust
- earthworks and scheduling activities shall be managed to coincide with the next stage of development to minimise the amount of time the site is left cut or exposed
- all materials shall be stored or stockpiled at the best locations
- the ground surface should be dampened slightly to prevent dust from becoming airborne but should not be wet to the extent that run-off occurs
- all vehicles carrying spoil or rubble to or from the site shall at all times be covered to prevent the escape of dust
- all equipment wheels shall be washed before exiting the site using manual or automated sprayers and drive-through washing bays
- gates shall be closed between vehicle movements and shall be fitted with shade cloth
- cleaning of footpaths and roadways shall be carried out daily

Reason: To protect the environment and amenity of surrounding properties.

55. Post-construction dilapidation report

The applicant shall engage a suitably qualified person to prepare a post construction dilapidation report at the completion of the construction works. This report is to ascertain whether the construction works created any structural damage to adjoining buildings, infrastructure and roads. The report is to be submitted to the Principal Certifying Authority. In ascertaining whether adverse structural damage has occurred to adjoining buildings, infrastructure and roads, the Principal Certifying Authority must:

- compare the post-construction dilapidation report with the preconstruction dilapidation report
- have written confirmation from the relevant authority that there is no adverse structural damage to their infrastructure and roads.

A copy of this report is to be forwarded to Council at the completion of the construction works.

Reason: Management of records.

56. Further geotechnical input

The geotechnical and hydro-geological works implementation, inspection, testing and monitoring program for the excavation and construction works must be in accordance with the report submitted prior to commencement of works. Over the course of the works, a qualified geotechnical/hydro-geological engineer must complete the following:

 further geotechnical investigations and testing recommended in the above report(s) and as determined necessary

- further monitoring and inspection at the hold points recommended in the above report(s) and as determined necessary
- written report(s) including certification(s) of the geotechnical inspection, testing and monitoring programs

Reason: To ensure the safety and protection of property.

57. Compliance with submitted geotechnical report

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

Geotechnical aspects of the development work, namely:

- appropriate excavation method and vibration control
- support and retention of excavated faces
- hydro-geological considerations

must be undertaken in accordance with the recommendations of the geotechnical report submitted prior to commencement of works. Approval must be obtained from all affected property owners, including Ku-ring-gai Council, where rock anchors (both temporary and permanent) are proposed below adjoining property(ies).

Reason: To ensure the safety and protection of property.

58. Use of road or footpath

During excavation, demolition and construction phases, no building materials, plant or the like are to be stored on the road or footpath without written approval being obtained from Council beforehand. The pathway shall be kept in a clean, tidy and safe condition during building operations. Council reserves the right, without notice, to rectify any such breach and to charge the cost against the applicant/owner/builder, as the case may be.

Reason: To ensure safety and amenity of the area.

59. Guarding excavations

All excavation, demolition and construction works shall be properly guarded and protected with hoardings or fencing to prevent them from being dangerous to life and property.

Reason: To ensure public safety.

60. Toilet facilities

During excavation, demolition and construction phases, toilet facilities are to be provided, on the work site, at the rate of one toilet for every 20 persons or part of 20 persons employed at the site.

Reason: Statutory requirement.

61. Protection of public places

If the work involved in the erection, demolition or construction of the development is likely to cause pedestrian or vehicular traffic in a public place to be obstructed or rendered inconvenient, or building involves the enclosure of a public place, a hoarding or fence must be erected between the work site and the public place.

If necessary, a hoarding is to be erected, sufficient to prevent any substance from, or in connection with, the work falling into the public place.

The work site must be kept lit between sunset and sunrise if it is likely to be hazardous to persons in the public place.

Any hoarding, fence or awning is to be removed when the work has been completed.

Reason: To protect public places.

62. Recycling of building material (general)

During demolition and construction, the Principal Certifying Authority shall be satisfied that building materials suitable for recycling have been forwarded to an appropriate registered business dealing in recycling of materials. Materials to be recycled must be kept in good order.

Reason: To facilitate recycling of materials.

63. Construction signage

All construction signs must comply with the following requirements:

- are not to cover any mechanical ventilation inlet or outlet vent
- are not illuminated, self-illuminated or flashing at any time
- are located wholly within a property where construction is being undertaken
- refer only to the business(es) undertaking the construction and/or the site at which the construction is being undertaken
- are restricted to one such sign per property
- do not exceed 2.5m²
- are removed within 14 days of the completion of all construction works

Reason: To ensure compliance with Council's controls regarding signage.

64. Approval for rock anchors

Approval is to be obtained from the property owner for any anchors proposed beneath adjoining private property. If such approval cannot be obtained, then the excavated faces are to be shored or propped in accordance with the recommendations of the geotechnical and structural engineers.

Reason: To ensure the ongoing safety and protection of property.

65. Road reserve safety

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. Construction materials must not be stored in the road reserve. 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 when and as directed by Council officers. 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: To ensure safe public footways and roadways during construction.

66. Services

Where required, the adjustment or inclusion of any new utility service facilities must be carried out by the applicant 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 (including water, phone, gas and the like). Council accepts no responsibility for any matter arising from its approval to this application involving any influence upon utility services provided by another authority.

Reason: Provision of utility services.

67. Temporary rock anchors

If the use of temporary rock anchors extending into the road reserve is proposed, then approval must be obtained from Council and/or the Roads and Traffic Authority in accordance with Section 138 of the Roads Act 1993. The Applicant is to submit details of all the work that is to be considered, and the works are not to commence until approval has been granted. The designs are to include details of the following:

- How the temporary rock anchors will be left in a way that they will not harm or interfere with any future excavation in the public road
- That the locations of the rock anchors are registered with Dial Before You Dig
- That approval of all utility authorities likely to use the public road has been obtained. All temporary rock anchors are located outside the allocations for the various utilities as adopted by the Streets Opening Conference.
- That any remaining de-stressed rock anchors are sufficiently isolated from the structure that they cannot damage the structure if pulled during future excavations or work in the public road.

• That signs will be placed and maintained on the building stating that destressed rock anchors remain in the public road and include a contact number for the building manager. The signs are to be at least 600mm x 450mm with lettering on the signs is to be no less than 75mm high. The signs are to be at not more than 60m spacing. At least one sign must be visible from all locations on the footpath outside the property. The wording on the signs is to be submitted to Council's Director Technical Services for approval before any signs are installed.

Permanent rock anchors are not to be used where any part of the anchor extends outside the development site into public areas or road reserves.

All works in the public road are to be carried out in accordance with the Conditions of Construction issued with any approval of works granted under Section 138 of the Roads Act 1993.

Reason: To ensure the ongoing safety and protection of property.

68. Erosion control

Temporary sediment and erosion control and measures are to be installed prior to the commencement of any works on the site. These measures must be maintained in working order during construction works up to completion. All sediment traps must be cleared on a regular basis and after each major storm and/or as directed by the Principal Certifying Authority and Council officers.

Reason: To protect the environment from erosion and sedimentation.

69. Sydney Water Section 73 Compliance Certificate

The applicant must obtain a Section 73 Compliance Certificate under the Sydney Water Act 1994. An application must be made through an authorised Water Servicing CoOrdinator. The applicant is to refer to "Your Business" section of Sydney Water's web site at www.sydneywater.com.au http://www.sydneywater.com.au then the "e-develop" icon or telephone 13 20 92. Following application a "Notice of Requirements" will detail water and sewer extensions to be built and charges to be paid. Please make early contact with the CoOrdinator, since building of water/sewer extensions can be time consuming and may impact on other services and building, driveway or landscape design.

Reason: Statutory requirement.

70. Arborist's report

The tree/s to be retained shall be inspected, monitored and treated by a qualified AQF3 Arborist under the direct supervision of an AQF5 arborist during and after completion of development works to ensure their long term survival. Regular inspections and documentation from the Arborist to the Principal Certifying Authority are required at the following times or phases of work:

Tree/Location	Time of inspection
Acmena smithii (Lillypilly) Adjacent to northern	* Immediately prior to
site boundary in neighbouring site	the commencement of
	ANY works on site. *
	Direct supervision of
	all pruning works
	above and below
5 20 8	ground. * Direct
"× ,	supervision of
	excavation within a
	10.0m radius for the
	top 800mm. *
	Treatment of tree
	roots when severed. *
20 11	At four monthly
	intervals during
	construction. At the
2 1 20	completion of all
	works on site

Reason: To ensu

To ensure protection of existing trees.

71. Canopy/root pruning

Canopy and/or root pruning of the following tree/s which is necessary to accommodate the approved building works shall be undertaken by an experienced AQF3 Arborist/Horticulturist under the supervision of an AQF5 arborist. All pruning works shall be undertaken as specified in Australian Standard 4373-2007 - Pruning of amenity trees.

Tree/Location	Tree works
Acmena smithii (Lillypilly) Adjacent to northern site boundary in neighbouring site	Canopy and root pruning as detailed within the arboricultural letter by Jacksons Nature Works dated 18/12/2014

Reason:

To protect the environment.

72. Treatment of tree roots

If tree roots are required to be severed for the purposes of constructing the approved works, they shall be cut cleanly by hand, by an experienced AQF3 Arborist/Horticulturist under the supervision of an AQF5 arborist. All pruning works shall be undertaken as specified in Australian Standard 4373-2007 - Pruning of Amenity Trees.

Reason:

To protect existing trees.

73. Cutting of tree roots

No tree roots of 30mm or greater in diameter located within the specified radius of the trunk/s of the following tree/s shall be severed or injured in the process of any works during the construction period. All pruning works shall be undertaken as specified in Australian Standard 4373-2007 - Pruning of Amenity Trees:

Tree/Location	Radius from trunk
Acmena smithii (Lillypilly) Adjacent to northern site	4.0m
boundary in neighbouring site	

Reason:

To protect existing trees.

74. Approved tree works

Approval is given for the following works to be undertaken to trees on the site:

Tree/Location	Approved tree works
Jacaranda mimosifolia (Jacaranda) Lindfield Ave	Removal
nature strip adjacent to site frontage	
Acmena smithii (Lillypilly) Adjacent to northern site	Canopy reduction and
boundary in neighbouring site	root pruning on southern
	side as detailed within
	the arboricultural letter
	dated 18/12/2014 by
S 1	Jacksons Nature Works

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

Reason:

To ensure that the development is in accordance with the

determination.

75. Hand excavation

All excavation within the specified radius of the trunk/s of the following tree/s shall be hand dug:

Tree/Location	Radius from trunk
Acmena smithii (Lillypilly) Adjacent to northern site	4.0m
boundary in neighbouring site	`v

Reason:

To protect existing trees.

76. No storage of materials beneath trees

No activities, storage or disposal of materials shall take place beneath the canopy of any tree protected under Council's Tree Preservation Order at any time.

Reason:

To protect existing trees.

77. Tree removal on nature strip

Following removal of the *Jacaranda mimosifolia* (Jacaranda) from Council's nature strip, the nature strip shall be rehabilitated to the satisfaction of Council's Landscape and Tree Assessment Officer at no cost to Council.

Reason: To protect the streetscape.

78. Removal of refuse

All builders' refuse, spoil and/or material unsuitable for use in landscape areas shall be removed from the site on completion of the building works.

Reason: To protect the environment.

79. Survey and inspection of waste collection clearance and path of travel

At the stage when formwork for the ground floor slab is in place and prior to concrete being poured, a registered surveyor is to:

- ascertain the reduced level of the underside of the slab at the driveway entry,
- certify that the level is not lower than the level shown on the approved DA plans; and
- certify that the minimum headroom of 2.6 metres will be available for the full path of travel of the small waste collection vehicle from the street to the collection area.
- This certification is to be provided to Council's Development Engineer prior to any concrete being poured for the ground floor slab.
- No work is to proceed until Council has undertaken an inspection to determine clearance and path of travel.

At the stage when formwork for the ground floor slab is in place and prior to concrete being poured, Council's Development Engineer and Manager Waste Services are to carry out an inspection of the site to confirm the clearance available for the full path of travel of the small waste collection vehicle from the street to the collection area. This inspection may not be carried out by a private certifier because waste management is not a matter listed in Clause 161 of the Environmental Planning and Assessment Regulation 2000.

Reason: To ensure access will be available for Council's contractors to collect waste from the collection point.

80. On site retention of waste dockets

All demolition, excavation and construction waste dockets are to be retained on site, or at suitable location, in order to confirm which facility received materials generated from the site for recycling or disposal.

 Each docket is to be an official receipt from a facility authorised to accept the material type, for disposal or processing. This information is to be made available at the request of an Authorised Officer of Council.

Reason: To protect the environment.

CONDITIONS TO BE SATISFIED PRIOR TO THE ISSUE OF AN OCCUPATION CERTIFICATE:

81. Easement for waste collection - residential component

Prior to the issue of the Occupation Certificate, the Principal Certifying Authority is to be satisfied that an easement for residential waste collection has been created under Section 88B of the Conveyancing Act 1919. The terms of the easement are to be generally in accordance with Council's draft terms for an easement for waste collection and shall be to the satisfaction of Council's Development Engineer.

Reason:

To permit legal access for Council, Council's contractors and their

vehicles over the subject site for waste collection.

82. Waste collection contractor - commercial/ retail

Prior to the issue of an Occupation Certificate for the building, the applicant must submit to Council details of the waste contractor engaged to service the commercial/retail component of the building. These details are to include name, contact phone number, copy of waste collection contract, and details of the vehicle that will be used to service commercial/retail waste collection for the building.

Reason:

To ensure safe traffic movement and neighbourhood amenity.

83. Waste arrangements - commercial/ retail

Prior to the issue of any Occupation Certificate, the Principal Certifying Authority must be satisfied that a contract or contracts is/ are in place for the collection of all commercial/ retail waste from the combined waste and recycling storage area on Basement 01.

Reason:

To prevent pollution of the environment and to protect the amenity of

the area.

84. Compliance with BASIX Certificate

Prior to the issue of an Occupation Certificate, the Principal Certifying Authority shall be satisfied that all commitments listed in BASIX Certificate No.597802M_06 and dated 1 July 2015 have been complied with.

Reason:

Statutory requirement.

85. Clotheslines and clothes dryers

Prior to the issue of the Occupation Certificate, the Principal Certifying Authority shall be satisfied that the units either have access to an external clothes line located in common open space or have a mechanical clothes dryer installed.

Reason: To provide access to clothes drying facilities.

86. Mechanical ventilation

Following completion, installation and testing of all the mechanical ventilation systems and other noise generating plant, the Principal Certifying Authority shall be satisfied of the following prior to the issue of any Occupation Certificate:

- 1. The installation and performance of the mechanical ventilation systems complies with:
 - The Building Code of Australia
 - Australian Standard AS1668
 - Australian Standard AS3666 where applicable
- 2. The operation of the mechanical ventilation systems and other noise generating plant in isolation or in association with other equipment will not be audible within a habitable room in any residential premises between the hours of 10.00pm and 7.00am. The operation of the equipment outside these restricted hours shall emit a noise level of not greater than 5dB(A) above background when measured at the nearest adjoining residential boundary. The background (LA90, 15 min) level is to be determined without the source noise present.

Note: Written confirmation from an acoustic engineer that the development achieves the above requirements is to be submitted to the Principal Certifying Authority prior to the issue of the Occupation Certificate.

Reason: To protect the amenity of surrounding properties.

87. Completion of landscape works

Prior to the release of the Occupation Certificate, the Principal Certifying Authority is to be satisfied that all landscape works, including the removal of all noxious and/or environmental weed species, have been undertaken in accordance with the approved plan(s) and conditions of consent.

Reason: To ensure that the landscape works are consistent with the development consent.

88. Accessibility

Prior to the issue of an Occupation Certificate, the Principal Certifying Authority shall be satisfied that:

- the lift design and associated functions are compliant with AS 1735.12 & AS 1428.2
- the level and direction of travel, both in lifts and lift lobbies, is audible and visible
- the controls for lifts are accessible to all persons and control buttons and lettering are raised
- international symbols have been used with specifications relating to signs, symbols and size of lettering complying with AS 1428.2
- the height of lettering on signage is in accordance with AS 1428.1 1993
- the signs and other information indicating access and services incorporate tactile communication methods in addition to the visual methods

Reason: Disabled access & services.

89. Certification of drainage works

Prior to issue of the Occupation Certificate, the Principal Certifying Authority is to be satisfied that:

- the stormwater drainage works have been satisfactorily completed in accordance with the approved Construction Certificate drainage plans
- the minimum retention and on-site detention storage volume requirements of Ku-ring-gai Local Centres Development Control Plan have been achieved
- retained water is connected and available for use
- all grates potentially accessible by children are secured
- components of the new drainage system have been installed by a licensed plumbing contractor in accordance with the Plumbing and Drainage Code AS3500.3 2003 and the Building Code of Australia
- all enclosed floor areas, including habitable and garage floor levels, are safeguarded from outside stormwater runoff ingress by suitable differences in finished levels, gradings and provision of stormwater collection devices

Note: Evidence from a qualified and experienced consulting civil/hydraulic engineer documenting compliance with the above is to be provided to Council prior to the issue of an Occupation Certificate.

Reason: To protect the environment.

90. WAE plans for stormwater management and disposal

Prior to issue of the Occupation Certificate, a registered surveyor must provide a works as executed survey of the completed stormwater drainage and management systems. The survey must be submitted to and approved by the Principal Certifying Authority prior to issue of the Occupation Certificate. The survey must indicate:

- as built (reduced) surface and invert levels for all drainage pits
- gradients of drainage lines, materials and dimensions

- as built (reduced) level(s) at the approved point of discharge to the public drainage system
- as built location and internal dimensions of all detention and retention structures on the property (in plan view) and horizontal distances to nearest adjacent boundaries and structures on site
- the achieved storage volumes of the installed retention and detention storages and derivative calculations
- as built locations of all access pits and grates in the detention and retention system(s), including dimensions
- the size of the orifice or control fitted to any on-site detention system
- dimensions of the discharge control pit and access grates
- the maximum depth of storage possible over the outlet control
- top water levels of storage areas and indicative RL's through the overland flow path in the event of blockage of the on-site detention system

The works as executed plan(s) must show the as built details above in comparison to those shown on the drainage plans approved with the Construction Certificate prior to commencement of works. All relevant levels and details indicated must be marked in red on a copy of the Principal Certifying Authority stamped construction certificate stormwater plans.

Reason: To protect the environment.

91. OSD positive covenant/restriction

Prior to issue of the Occupation Certificate, the applicant must create a positive covenant and restriction on the use of land under Section 88E of the Conveyancing Act 1919, burdening the owner with the requirement to maintain the on-site stormwater detention facilities on the lot.

The terms of the instruments are to be generally in accordance with the Council's "draft terms of Section 88B instrument for protection of on-site detention facilities" and to the satisfaction of Council (refer to Volume C Part 4R.9 of Kuring-gai Local Centres DCP). For existing titles, the positive covenant and the restriction on the use of land is to be created through an application to the Land Titles Office in the form of a request using forms 13PC and 13RPA. The relative location of the on-site detention facility, in relation to the building footprint, must be shown on a scale sketch, attached as an annexure to the request forms.

Registered title documents, showing the covenants and restrictions, must be submitted and approved by the Principal Certifying Authority prior to issue of an Occupation Certificate.

Reason: To protect the environment.

92. Sydney Water Section 73 Compliance Certificate

Prior to issue of an Occupation Certificate the Section 73 Sydney water

Compliance Certificate must be obtained and submitted to the Principal Certifying Authority

Reason: Statutory requirement.

93. Certification of as-constructed driveway/carpark

Prior to issue of an Occupation Certificate, the Principal Certifying Authority is to be satisfied that:

- the as-constructed car park complies with the approved Construction Certificate plans
- the completed vehicle access and accommodation arrangements comply with Australian Standard 2890.1 - 2004 "Off-Street car parking" in terms of minimum parking space dimensions
- finished driveway gradients and transitions will not result in the scraping of the underside of cars
- no doors, gates, grilles or other structures have been provided in the access driveways to the basement carpark, which would prevent unrestricted access for internal residential garbage collection from the basement garbage storage and collection area
- the vehicular headroom requirements of:
 - Australian Standard 2890.1 "Off-street car parking",
 - 2.6 metres height clearance for residential waste collection trucks are met from the public street into and within the applicable areas of the basement carpark.

Note: Evidence from a suitably qualified and experienced traffic/civil engineer indicating compliance with the above is to be provided to and approved by the Principal Certifying Authority prior to the issue of an Occupation Certificate.

Reason: To ensure that vehicular access and accommodation areas are compliant with the consent.

94. Reinstatement of redundant crossings and completion of infrastructure works

Prior to issue of the Occupation Certificate, the Principal Certifying Authority must be satisfied that he or she has received a signed inspection form from Council which states that the following works in the road reserve have been completed:

- new concrete driveway crossing in accordance with levels and specifications issued by Council
- removal of all redundant driveway crossings and kerb laybacks (or sections thereof) and reinstatement of these areas to footpath, turfed

verge and upright kerb and gutter (reinstatement works to match surrounding adjacent infrastructure with respect to integration of levels and materials)

- full repair and resealing of any road surface damaged during construction
- full replacement of damaged sections of grass verge to match existing

This inspection may not be carried out by the Private Certifier because restoration of Council property outside the boundary of the site is not a matter listed in Clause 161 of the Environmental Planning and Assessment Regulation 2000.

All works must be completed in accordance with the General Specification for the Construction of Road and Drainage Works in Ku-ring-gai Council, dated November 2004. The Occupation Certificate must not be issued until all damaged public infrastructure caused as a result of construction works on the subject site lincluding damage caused by, but not limited to, delivery vehicles, waste collection, contractors, sub-contractors, concrete vehicles) is fully repaired to the satisfaction of Council. Repair works shall be at no cost to Council.

Reason: To protect the streetscape.

95. Swimming pool (part 1)

Prior to the issue of the Occupation Certificate, the Principal Certifying Authority shall be satisfied that:

- Access to the pool/spa shall be restricted by a child resistant barrier in accordance with the regulations prescribed in the Swimming Pools Act, 1992:
 - (a) The pool shall not be filled with water or be allowed to collect stormwater until the child resistant barrier is installed; and
 - (b) The barrier is to conform to the requirements of AS 1926-1 2012 Fences and Gates for Private Swimming Pools.

Reason: To ensure the safety of children.

2. Any mechanical equipment associated with the swimming pool and/or spa pool shall be located in a sound-attenuating enclosure and positioned so that it is setback a minimum of 2m from the boundary of any adjoining premises. The Principal Certifying Authority shall be satisfied that the sound levels associated with the swimming pool/spa filtration system and associated mechanical equipment do not exceed 5dB(A) above the background noise level at the boundaries of the site.

Reason: To protect the amenity of surrounding properties.

 The pool/spa shall pool shall not be filled with water or be allowed to collect stormwater until it is registered on the NSW Swimming Pool Register in accordance with the Swimming Pools Act 1992 (www.swimmingpoolregister.nsw.gov.au http://www.swimmingpoolregister.nsw.gov.au).

Reason: Legislative requirement.

96. Mechanical ventilation

Prior to the issue of the Occupation Certificate, the Principal Certifying Authority shall be satisfied that all mechanical ventilation systems are installed in accordance with Part F4.5 of the Building Code of Australia and comply with Australian Standards AS1668.2 and AS3666 Microbial Control of Air Handling and Water Systems of Building.

Reason:

To ensure adequate levels of health and amenity to the occupants of

the building.

97. Fire safety certificate

Prior to the issue of the Occupation Certificate, the Principal Certifying Authority shall be satisfied that a Fire Safety Certificate for all the essential fire or other safety measures forming part of this consent has been completed and provided to Council.

Note: A copy of the Fire Safety Certificate must be submitted to Council.

Reason: To ensure suitable fire safety measures are in place.

CONDITIONS TO BE SATISFIED PRIOR TO THE ISSUE OF A SUBDIVISION CERTIFICATE:

98. Submission of plans of subdivision (stratum)

For issue of the subdivision certificate, the applicant shall submit an original plan of subdivision plus 6 copies suitable for endorsement by the consent authority. The following details **must** be submitted with the plan of subdivision and its copies, where Council is the consent authority:

- a) the endorsement fee current at the time of lodgement
- b) the 88B instrument plus 6 copies
- all surveyors and/or consulting engineers' certification(s) required under this subdivision consent.
- d) Proof of payment of S94 contributions.

Reason: Statutory requirement.

CONDITIONS TO BE SATISFIED AT ALL TIMES:

99. Garbage and recycling facilities

All waste and recycling bins associated with the premises are to be stored within the designated internal waste storage areas.

Reason:

To prevent pollution of the environment and to protect the amenity of

the area.

100. Deliveries & waste collections

Where there are impacts on the amenity of residential premises, all deliveries and waste collections services for the premises are to be carried out between the hours of 6am and 10pm.

Reason: To protect the amenity of the surrounding area.

101. Waste storage and collection

At all times, waste collection from the building must be carried out inside the basement, from the commercial/ retail waste and recycling storage area in Basement 01 or the residential waste collection area in Basement 03.

Reason: To prevent pollution of the environment and to protect the amenity of the area.

102. Loading and unloading

At all times, all loading and unloading of service vehicles in connection with the use of the premises shall be carried out wholly within the site.

Reason: To ensure safe traffic movement.

103. Waste collection

At all times, all storage of waste, collection of waste, loading and unloading waste collection vehicles in connection with the use of the premises shall be carried out wholly within the building. Occupiers of the building shall not at any time store waste collection receptacles or any form of waste external to the building/basement.

Reason: To ensure safe traffic movement and neighbourhood amenity.

104. Pedestrian access way

The 3.0 metres wide pedestrian access way along the northern side boundary is to remain open and accessible (not restricted by gate to prevent public access) during daylight hours.

Reason: To ensure pedestrian access way between Lindfield Avenue and Havilah Lane is open to the public for use.

105. No door restricting internal waste collection in basement

At all times, the basement residential garbage storage and collection area is to be accessible by Council's Waste Collection Services. No doors, grilles, gates or other devices shall be provided in any location which would prevent this service. Where a gate, door or the like is to be erected, unimpeded access to the

residential garbage collection point is to be provided by other means through written agreement with Council's Waste Collection Services.

Reason: To facilitate access to the garbage collection point.

106. Noise control - plant and machinery

All noise generating equipment associated with mechanical ventilation systems, plant and machinery shall be located and/or soundproofed so the equipment is not audible within a habitable room in any residential premises between the hours of 10.00pm and 7am. The operation of the equipment outside these restricted hours shall emit a noise level of not greater than 5dB(A) above the background when measured at the nearest adjoining boundary. The background (LA90, 15 min) level is to be determined without the source noise present.

Reason: To protect the amenity of surrounding residents.

107. Car parking

At all times, the visitor car parking spaces are to be clearly identified and are to be for the exclusive use of visitors to the site. On site permanent car parking spaces are not to be used by those other than an occupant or tenant of the subject building. Any occupant, tenant, lessee or registered proprietor of the development site or part thereof shall not enter into an agreement to lease, license or transfer ownership of any car parking spaces to those other than an occupant, tenant or lessee of the building. These requirements are to be enforced through the following:

 restrictive covenant placed on title pursuant to Section 88B of the Conveyancing Act, 1919

 restriction on use under Section 68 of the Strata Schemes (Leasehold Development) Act, 1986 to all lots comprising in part or whole car parking spaces

Reason: To ensure adequate provision of visitor parking spaces.

108. Loading and unloading

At all times, all loading and unloading of service vehicles in connection with the use of the premises shall be carried out wholly within the site.

Reason: To ensure safe traffic movement.

109. Unobstructed driveways and parking areas

At all times, all driveways and parking areas shall be unobstructed. Driveways and car spaces shall not be used for the manufacture, storage or display of goods, materials or any other equipment and shall be used solely for vehicular access and for the parking of vehicles associated with the use of the premises.

Reason: To ensure safe traffic movement.

110. Swimming pool (part 2)

At all times:

- Access to the swimming pool must be restricted by fencing or other measures as required by the Swimming Pools Act 1992.
- 2. Noise levels associated with spa/pool pumping units shall not exceed 5dB(A) above the background noise level at the boundaries of the site.
- 3. Devices or structures used for heating swimming pool water must not be placed where they are visible from a public place.
- 4. For the purpose of health and amenity, the disposal of backwash and/or the emptying of a swimming pool into a reserve, watercourse, easement or storm water drainage system is prohibited. These waters are to discharge via a permanent drainage line into Sydney Water's sewer in accordance with Australian Standard AS3500.2 section 10.9. Permission is to be obtained from Sydney Water prior to the emptying of any pool to the sewer.
- 5. Lighting from the swimming pool and other communal facilities shall not detrimentally impact the amenity of other premises and adjacent dwellings.

Reason: Health and amenity.

111. Annual fire safety statement

Each 12 months after the installation of essential fire or other safety measures, the owner of a building must cause the Council to be given an Annual Fire Safety Statement for the building. In addition a copy of the statement must be given to the NSW Fire Commissioner and a copy displayed prominently in the building.

Reason: To ensure statutory maintenance of essential fire safety measures.

Reasons for conditions

To safeguard amenity of the locality

Other approvals

This consent does not include any other approvals granted under Section 78A(5) of the Environmental Planning and Assessment Act 1979.

Right of appeal

If you are dissatisfied with this decision, Section 97 of the Environmental Planning and Assessment Act 1979 gives you the right to appeal to the Land and Environment Court within 6 months of the date on which you receive this Notice.

Advisory Notes:

- a) Council is always prepared to discuss its decisions and in this regard please do not hesitate to contact Kimberley Kavwenje on telephone **9424 0000**.
- b) Section 82A of the Environmental Planning and Assessment Act 1979 provides that the applicant may request the Council to review the determination. The request must be made in writing on the S.82A Review application form (refer Council's website or customer service centre) within

six (6) months of receipt of this Notice of Determination, together with payment of the appropriate fees. It is recommended that the applicant discuss any request for a review of determination with Council staff before lodging such a request. There is no right of review under S82A of the Act in respect of Designated or Integrated Development.

- c) Changes to the external configuration of the building, changes to the site layout, density and unit configuration internal changes to the proposed building or any changes to the proposed operation of a use may require the submission of a modification under Section 96 of the Environmental Planning and Assessment Act 1979. Any proposed modifications to the development consent must result in a development that is substantially the same development as that which was originally approved. It is recommended that the applicant discuss any request for a review of determination with Council staff before lodging such a request.
- d) You attention is drawn to the necessity to:

Obtain a *Construction Certificate* under Section 109(1)(b) of the Environmental Planning and Assessment Act 1979 in respect of the development consent.

An application for a Construction Certificate may be lodged with Council. Alternatively you may apply to an accredited certifier.

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

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

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

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

A Section 96 application is required to be submitted to and approved by Council and a Construction Certificate is to be obtained from the Council or an Accredited Certifier, prior to commencement of any variations from the approved plans and conditions of consent.

Signature on behalf of consent authority

Team Leader

Development Assessment