

MINUTES OF KU-RING-GAI PLANNING PANEL HELD ON WEDNESDAY, 26 AUGUST 2009

Present: Bill Tsakalos (Chairperson)
Kerry Bedford

Staff Present: General Manager (John McKee)
Director Development & Regulation (Michael Miotic)
Senior Governance Officer (Geoff O'Rourke)

The Meeting commenced at 5.02pm

PP20 **APOLOGIES**

File: S06347

Ms Elizabeth Crouch tendered an apology for non-attendance [illness] and requested leave of absence.

Resolved:

That the apology by Ms Elizabeth Crouch for non-attendance be accepted and leave of absence be granted.

CARRIED UNANIMOUSLY

DECLARATIONS OF INTEREST

The Chairperson adverted to the necessity for the Ku-ring-gai Planning Panel members and staff to declare a Pecuniary Interest/Conflict of Interest in any item on the Business Paper.

No Interest was declared.

ADDRESSES TO THE PANEL

The following members of the public addressed the Ku-ring-gai Planning Panel on items not on the Agenda:

C Martyn
M McCrae
W Blaxland

CONFIRMATION OF MINUTESPP21 **Minutes of Ku-ring-gai Planning Panel**

File: S06347

Meeting held 29 July 2009
Minutes numbered PP16 to PP19

Resolved:

(Moved: K Bedford/Chairperson, B Tsakalos)

That Minutes numbered PP16 to PP19 circulated to Councillors were taken as read and confirmed as an accurate record of the proceedings of the Meeting.

CARRIED UNANIMOUSLY

GENERAL BUSINESSPP22 **70 Springdale Road, Killara - Demolition of Existing Dwelling & Construction of a New 2-Storey Dwelling**

File: DA0277/09

Ward: Gordon
Applicant: Chateau Constructions
Owner: Mrs Nalayini Kanagaratnam

The following members of the public addressed the Panel:

**J Dorrington
A Minto
E Keys**

To determine Development Application No. 0277/09 for demolition of an existing dwelling and construction of a new two storey dwelling house.

Resolved:

(Moved: Chairperson, B Tsakalos/K Bedford)

PURSUANT TO SECTION 80(1) OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979

That the Ku-ring-gai Planning Panel, as the consent authority, grant development consent to DA0277/09 for demolition of existing dwelling and construction of a new two storey dwelling on land at 70 Springdale Road, Killara, for a period of two (2) years from the date of the Notice of Determination, subject to the following conditions:

CONDITIONS THAT IDENTIFY APPROVED PLANS:**1. 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:

<i>Plan No.</i>	<i>Drawn by</i>	<i>Dated</i>
Sheet 1 of 3, floor plans, window schedule & details	Chateau Constructions (Aust) Ltd	1 July 2009 and received by Council on 30 July 2009
Sheet 2 of 3, elevations and sections	Chateau Constructions (Aust) Ltd	30 July 2009 and received by Council on 30 July 2009
Sheet 3 of 3, site and roof plan	Chateau Constructions (Aust) Ltd	1 July 2009 and received by Council on 30 July 2009
Plan showing details and contours	N R Smerdon	10 May 2004 and received by Council on 19 May 2009
Landscape plan	Horticultural Services Australia Pty Ltd	7 July 2009 and received by Council on 8 July 2009
P4638.1, site analysis	Plancom	Undated and received by Council on 19 May 2009

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

2. 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.

3. No demolition of extra fabric

Alterations to, and demolition of the existing building shall be limited to that documented on the approved plans (by way of notation). No approval is given or implied for removal and/or rebuilding of any portion of the existing building which is shown to be retained.

Reason: To ensure compliance with the development consent.

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

4. 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.

5. 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.

6. 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.

7. Tree protection fencing excluding structure

To preserve the following tree/s, no work shall commence until the area beneath their canopy excluding that area of the proposed dwelling shall be fenced off for the specified radius from the trunk to prevent any activities, storage or the disposal of materials within the fenced area. The fence/s shall be maintained intact until the completion of all demolition/building work on site:

Schedule Tree/location	Radius from trunk
<i>Cedrus deodara</i> (Himalayan Cedar) front setback	6m
<i>Jacaranda mimosifolia</i> (Jacaranda) north-eastern boundary, adjoining property	6m

The tree protection fencing shall be constructed of galvanised pipe at 2.4 metre spacings and connected by securely attached chain mesh fencing to a minimum height of 1.8 metres in height prior to work commencing.

Reason: To protect existing trees during construction phase.

8. Tree protection signage

Prior to works commencing, tree protection signage is to be attached to each tree protection zone, displayed in a prominent position and the sign repeated at 10 metres intervals or closer where the fence changes direction. Each sign shall contain in a clearly legible form, the following information:

- tree protection zone
- this fence has been installed to prevent damage to the trees and their growing environment both above and below ground and access is restricted
- any encroachment not previously approved within the tree protection zone shall be the subject of an arborist's report
- the arborist's report shall provide proof that no other alternative is available
- the arborist's report shall be submitted to the Principal Certifying Authority for further consultation with Council
- The name, address, and telephone number of the developer.

Reason: To protect existing trees during the construction phase.

9. Tree protection mulching

Prior to works commencing and throughout construction, the area of the tree protection zone is to be mulched to a depth of 100mm with composted organic material being 75% Eucalyptus leaf litter and 25% wood.

Reason: To protect existing trees during the construction phase.

10. Tree protection – avoiding soil compaction

To preserve the following tree/s and avoid soil compaction, no work shall commence until temporary measures to avoid soil compaction (eg rumble boards) beneath the canopy of the following tree/s between the dwelling and the tree protection fencing is/are installed:

Schedule

Tree/Location

Cedrus deodara (Himalayan Cedar) front setback

Jacaranda mimosifolia (Jacaranda) north-eastern boundary, adjoining property (72 Springdale Road)

Reason: To protect existing trees during the construction phase.

11. Tree fencing inspection

Upon installation of the required tree protection measures, an inspection of the site by the Principal Certifying Authority is required to verify that tree protection measures comply with all relevant conditions.

Reason: To protect existing trees during the construction phase.

12. Tree replenishment

The property shall support a minimum number of 5 canopy trees that will attain 13.0 metres in height, to preserve the tree canopy of Ku-ring-gai, the existing tree/s, and four (4) additional tree/s to be planted, shall be shown on the Landscape Plan/Site Plan. The plan shall be submitted to the Principal Certifying Authority and approved by a Landscape Architect or qualified Landscape Designer prior to release of a Construction Certificate.

25% of the canopy trees to be planted are to be locally occurring native trees.

Reason: To preserve the tree canopy and ensure adequate landscaping of the site.

13. 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.

14. Archival recording of buildings

Prior to the commencement of any development or excavation works on site, the Principal Certifying Authority shall be satisfied that an archival report has been submitted to Council's Heritage Advisor.

The report must consist of an archival standard photographic record of the building (internally and externally), its garden and views of it from the street illustrating its relationship to neighbouring properties and the streetscape. Recording shall be undertaken in accordance with the guidelines for "Photographic Recording of Heritage Items Using Film or Digital Capture (2006)" prepared by the New South Wales Heritage Office.

Information shall be bound in an A4 report format. It shall include copies of photographs, referenced to plans of the site. Two (2) copies (one (1) copy to include negatives or CD of images shall be submitted to Council's Heritage Advisor. The recording document will be held in the local studies collection of Ku-ring-gai Library, the local historical society and Council's files.

Note: A written acknowledgment from Council must be obtained (attesting to this condition being appropriately satisfied) and submitted to the Principal Certifying Authority prior to the commencement of any works.

Reason: To ensure buildings to be demolished are properly recorded.

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

15. External finishes, colours and materials (heritage items and conservation areas)

Prior to the issue of a Construction Certificate, the Certifying Authority shall submit a colour scheme and or materials board to Council's Heritage Advisor for approval. A written acknowledgement from Council's Heritage Advisor must be obtained (attesting to this condition being appropriately satisfied) and submitted to the Certifying Authority prior to the issue of the Construction Certificate. The external materials shall be a combination of face brick and rendered/painted brick. The face brick is to be extended to the first floor string course on all elevations. In general, the external wall colours should be medium to dark face brick and "muted" painted surfaces.

Reason: To protect heritage items and conservation areas.

16. Amendments to approved stormwater drainage plan

Prior to the issue of a Construction Certificate, the Certifying Authority shall be satisfied that the approved stormwater drainage plan, listed below has been amended in accordance with the requirements of this condition as well as other conditions of this consent:

Plan no.	Drawn by	Dated
C02-B	Eclipse Consulting Engineers	10/06/09

The above stormwater drainage plan (s) shall be amended in the following ways:

- To preserve health and condition of the following existing tree the rainwater tank shall be located under the proposed driveway. Associated pipes and pits shall not encroach within specified radius of the tree.

Schedule	Tree/location	Radius from trunk
	<i>Cedrus deodara</i> (Himalayan Cedar) front setback	7m

Prior to the issue of the Construction Certificate, the Principal Certifying Authority shall be satisfied that the Stormwater Drainage plan has been amended as required by this condition.

Note: An amended sediment and erosion control 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.

17. Amendments to approved sediment and erosion control plan

Prior to the issue of a Construction Certificate, the Certifying Authority shall be satisfied that the approved sediment and erosion control plan, listed below has been amended in accordance with the requirements of this condition as well as other conditions of this consent:

Plan no.	Drawn by	Dated
C01A	Eclipse Consulting Engineers	6/05/09

The above sediment and erosion control plan (s) shall be amended in the following ways:

- Temporary hay bale and sediment trap to be located along tree protection fencing on the western side of the *Cedrus deodara* (Himalayan Cedar) Tree 1, minimum 3 metres from trunk.

Prior to the issue of the Construction Certificate, the Principal Certifying Authority shall be satisfied that the sediment and erosion control plan has been amended as required by this condition.

Note: An amended sediment and erosion control 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.

18. Amendments to first floor windows (north-east elevation)

The following amendments to the first floor windows (north-east elevation) are to be undertaken:

- The northern most window to bedroom 3 within the north-eastern elevation, is to be reduced. The outermost window panel is to be deleted as indicated in red on the approved plans.
- The lower sash of the first floor living room window and bedroom 3 windows within the north eastern elevation are to be fixed and of opaque glazing to a height of 1.8 metres above finished floor level.

Details are to be provided to the Principal Certifying Authority prior to the issue of the Construction Certificate.

Reason: To preserve the amenity of neighbouring residents.

19. Amendments to approved landscape plan

Prior to the issue of a Construction Certificate, the Certifying Authority shall be satisfied that the approved landscape plans, 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
Sheet 1	Horticultural Services Australia	7/07/09

The above landscape plan(s) shall be amended in the following ways:

- To preserve neighbour amenity, proposed paving to courtyard north of library shall not encroach within 1.5m of site boundary.
- The proposed steps between the terrace and the courtyard north of the library shall be deleted.
- Proposed planting of *Elaeocarpus reticulatus* (Blueberry Ash) as a tree replenishment planting shall be substituted with a species that can attain minimum 13 metres in height such as *Syncarpia glomulifera* (Turpentine) or *Angophora costata* (Sydney Red Gum).
- To preserve neighbour amenity, an additional small tree that can attain a height of 6 metres such as *Lagerstroemia indica* (Crepe Myrtle) or similar shall be located along the boundary, north east of the study window (ground floor north-eastern elevation).
- The privacy fence with wire, within the south-western setback adjacent to the clotheslines is to be a maximum height of 1.8 metres.

Prior to the issue of the Construction Certificate, the Principal Certifying Authority shall be satisfied that the landscape plan has been amended as required by this condition.

Note: An amended landscape plan, prepared by a landscape architect or qualified landscape designer shall be submitted to the Certifying Authority.

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

20. 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.

21. 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 \$12,000. The builder's indemnity insurance does not apply to commercial or industrial building work or to residential work valued at less than \$12,000, 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.

22. Stormwater management plan (new single dwellings)

Prior to issue of the Construction Certificate, the applicant must submit, for approval by the Principal Certifying Authority, scaled construction plans and specifications in relation to the stormwater management and disposal system for the development. The plan(s) must include the following detail:

- exact location and reduced level of discharge point to the public drainage system
- layout of the property drainage system components, including but not limited to (as required) gutters, downpipes, pits, grated drains, swales, kerbs, flushing facilities, subsoil drainage and all ancillary plumbing - all designed for a 235mm/hour rainfall intensity for a duration of five (5) minutes (1:50 year storm recurrence)
- location(s), dimensions and specifications for the required rainwater storage and reuse tank systems and where proprietary products are to be used, manufacturer specifications and details must be provided
- specifications for reticulated pumping facilities (including pump type and manufacturer specifications) and ancillary plumbing to fully utilise rainwater in accordance with BASIX commitments

The above construction drawings and specifications are to be prepared by a suitably qualified and experienced civil/hydraulic engineer in accordance with Council's Water Management Development Control Plan 47, Australian Standards 3500.2 and 3500.3 - Plumbing and Drainage Code and the BCA. The plans may be generally based upon the **Stormwater Drainage Plan, Project No. 5757, Drg. No. C0-2-B, Revision B, dated 10 June 2009** prepared by **Elipse Consulting Engineers Pty Ltd** submitted with the development application, which are to be advanced as necessary for construction certificate issue purposes.

Reason: To protect the environment.

23. Stormwater retention

Prior to the issue of a Construction Certificate, the Principal Certifying Authority is to be satisfied that a mandatory rainwater retention and re-use system, comprising storage tanks and ancillary plumbing is provided. The minimum total storage volume of the rainwater tank system, and the prescribed re-use of the water on site must satisfy all relevant BASIX commitments and the requirements specified in Chapter 6 of Ku-ring-gai Water Management Development Control Plan 47.

Reason: To protect the environment.

24. Excavation for services

Prior to the issue of the Construction Certificate, the Principal Certifying shall be satisfied that no proposed underground services (ie. water, sewerage, drainage, gas or other service) unless previously approved by conditions of consent, are located beneath the canopy of any tree protected under Council's Tree Preservation Order, located on the subject allotment and adjoining allotments.

Note: A plan detailing the routes of these services and trees protected under the Tree Preservation Order, shall be submitted to the Principal Certifying Authority.

Reason: To ensure the protection of trees.

25. 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 Ku-ring-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.

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

26. Drainage of paved areas

All new exposed impervious areas graded towards adjacent property and/or habitable areas are to be drained via the main drainage system. This may require the installation of suitable inlets pits, cut-off structures (e.g. kerb), and/or barriers that direct such runoff to the formal drainage system. Details of such measures shall be shown on the Construction Certificate drawings, to the satisfaction of the Certifying Authority.

Reason: To control surface run off and protect the environment.

27. Vehicular access and garaging

Driveways and vehicular access ramps must be designed not to scrape the underside of cars. In all respects, the proposed vehicle access and accommodation arrangements must be designed and constructed to comply with Australian Standard 2890.1 – 2004 “Off-Street car parking”. Details are to be provided to and approved by the Certifying Authority prior to the issue of the Construction Certificate.

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

CONDITIONS TO BE SATISFIED PRIOR TO THE ISSUE OF THE CONSTRUCTION CERTIFICATE OR PRIOR TO DEMOLITION, EXCAVATION OR CONSTRUCTION (WHICHEVER COMES FIRST):**28. Recycling of building material (specific)**

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

- Interior joinery including doors, decorative panels, fireplaces, decorative screens and architraves.
- Exterior joinery including windows and doors
- Stone footings
- Roof slates

Reason: To facilitate recycling of materials.

29. 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.
- d) 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.

30. Public liability insurance – works on public land

Any person or contractor undertaking works on public land must take out public risk insurance with a minimum cover of \$10 million in relation to the occupation of, and approved works within Council’s road reserve or public land, as approved in this consent.

The policy is to note and provide protection for Ku-ring-gai Council as an interested party and a copy of the policy must be submitted to Council prior to the commencement of any development (including demolition) or prior to the issue of the Construction Certificate (whichever comes first). The policy must be valid for the entire period that the works are being undertaken on public land.

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

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

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

31. 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.

32. 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.

33. 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.

34. Demolition, excavation and construction work hours

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 12.00pm 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 and 1.00pm.

Where it is necessary for works to occur outside of these hours (i.e. concrete pours and standing of plant), approval for such 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 for 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.

35. 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.

36. 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.

37. 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.

38. 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.

39. 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.

40. 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.

41. 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.

42. 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.

43. 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.

44. 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.

45. Drainage to street

Stormwater runoff from all new impervious areas and subsoil drainage systems shall be piped to the street drainage system. New drainage line connections to the street drainage system shall conform and comply with the requirements of Sections 5.3 and 5.4 of Ku-ring-gai Water Management Development Control Plan No. 47.

Reason: To protect the environment.

46. Driveway trench drain at boundary

A 200mm wide grated drain, with heavy duty removable galvanised grates is to be located within the site at the intersection of the driveway and Council's footway to collect all surface water flowing down the driveway. The drainage line from the grated drain shall be connected to the street system, either separately or via the main site outlet.

Reason: Stormwater control.

47. Arborist's report

The trees to be retained shall be inspected, monitored and treated by a qualified 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:

Schedule Tree/location

Time of inspection

<i>Cedrus deodara</i> (Himalayan Cedar) front setback	Commencement of excavation for dwelling and SW line
<i>Jacaranda mimosifolia</i> (Jacaranda) north-eastern boundary, adjoining property	Commencement of excavation for dwelling and SW line, commencement of rear courtyard

Reason: To ensure protection of existing trees

48. 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 arborist/horticulturist, with a minimum qualification of the horticulture certificate or tree surgery certificate:

Schedule

Tree/location

Cedrus deodara (Himalayan Cedar) front setback

Tree works

Minor branch pruning

Reason: To protect the environment.

49. 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 arborist/horticulturist with a minimum qualification of horticulture certificate or tree surgery certificate

Reason: To protect existing trees.

51. Excavation near trees

No mechanical excavation shall be undertaken within the specified radius of the trunk(s) of the following tree(s) until root pruning by hand along the perimeter line of such works is completed:

Schedule

Tree/location

Cedrus deodara (Himalayan Cedar) front setback
Jacaranda mimosifolia (Jacaranda) north-eastern boundary, adjoining property

Radius from trunk

6m
6m

Reason: To protect existing trees.

52. Hand excavation

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

Schedule

Tree/location

Cedrus deodara (Himalayan Cedar) front setback
Jacaranda mimosifolia (Jacaranda) northeastern boundary, adjoining property

Radius from trunk

6m
6m

Reason: To protect existing trees.

53. 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.

54. 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.

55. Canopy replenishment trees to be planted

The canopy replenishment trees to be planted shall be maintained in a healthy and vigorous condition until they attain a height of 5.0 metres whereby they will be protected by Council's Tree Preservation Order. Any of the trees found faulty, damaged, dying or dead shall be replaced with the same species

Reason: To maintain the treed character of the area.

CONDITIONS TO BE SATISFIED PRIOR TO THE ISSUE OF AN OCCUPATION CERTIFICATE:**56. 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. 246059S have been complied with.

Reason: Statutory requirement.

57. 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.

58. Retention and re-use positive covenant

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 property with the requirement to maintain the site stormwater retention and re-use facilities on the property.

The terms of the instruments are to be generally in accordance with the Council's "draft terms of Section 88B instruments for protection of retention and re-use facilities" and to the satisfaction of Council (refer to appendices of Ku-ring-gai Water Management Development Control Plan No. 47). 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 reuse and retention 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 to and approved by the Principal Certifying Authority prior to issue of an Occupation Certificate.

Reason: To protect the environment.

59. Certification of drainage works (new single dwellings)

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 volume storage requirements of BASIX and Ku-ring-gai Water Management Development Control Plan No. 47 has been achieved in full
- retained water is connected and available for use
- the drainage system has been installed by a licensed 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

The rainwater certification sheet contained in Appendix 13 of Ku-ring-gai Water Management Development Control Plan No. 47, must be completed and attached to the certification.

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.

60. Reinstatement of redundant crossings and completion of infrastructure works

Prior to issue of the Occupation Certificate, the Principal Certifying Authority must be satisfied 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 with a non-friable turf of native variety to match existing

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 (including 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.

61. Infrastructure repair

Prior to issue of the Occupation Certificate, the Principal Certifying Authority must be satisfied that any damaged public infrastructure caused as a result of construction works (including damage caused by, but not limited to, delivery vehicles, waste collection, contractors, sub contractors, concrete vehicles) is fully repaired to the satisfaction of Council Development Engineer and at no cost to Council.

Reason: To protect public infrastructure.

CONDITIONS TO BE SATISFIED AT ALL TIMES:

62. Noise control – plant and machinery

All noise generating equipment associated with any proposed mechanical ventilation system/s shall be located and/or soundproofed so the equipment is not audible within a habitable room in any other residential premises before 7am and after 10pm Monday to Friday and before 8am and after 10pm Saturday, Sunday and public holidays. The operation of the unit outside these restricted hours shall emit a noise level of not greater than 5dbA above the background when measured at the nearest boundary.

Reason: To protect the amenity of surrounding residents.

CARRIED UNANIMOUSLY

The Meeting closed at 5.33pm

The Minutes of the Ku-ring-gai Planning Panel held on 26 August 2009 (Pages 1 - 22`) were confirmed as a full and accurate record of proceedings on 9 September 2009.

Chairperson _____