

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:

Plan no.	Drawn by	Dated
DA Landscape Plan 11-106s LA01 Revision A	Taylor Brammer Landscape Architects Pty Ltd	26.09.13
Stage 1 Landscape Details and Section 11-106s LA02 Revision P1	Taylor Brammer Landscape Architects Pty Ltd	20.09.13
Locality and Site Plans 2350 DA000 Issue A	PMDL Architecture	26.09.13
Site Plan – Carpark Surrounds 2350 DA101 Issue A	PMDL Architecture	26.09.13
Plan Carpark Level 2350 DA102 Issue A	PMDL Architecture	26.09.13
Plan Playing Field Level 2350 DA103 Issue B	PMDL Architecture	08.10.13
Carpark Elevations and Section 2350 DA201 Issue B	PMDL Architecture	08.10.13
Vegetation Management Plan VMPC 2.01 Rev 0.2	Footprint Green	13.08.13
Hydraulic Services Sediment and Erosion Control Plan 30442 H06 Issue A	Sydney All Services Pty Ltd	03.07.12
Hydraulic Services Specification 30442 H05 Issue D	Sydney All Services Pty Ltd	03.07.12
First Level Plan Gravity and Pressure Services 30442 H04 Issue A	Sydney All Services Pty Ltd	03.07.12
Ground Level Plan Gravity and Pressure Services 30442 H03 Issue B	Sydney All Services Pty Ltd	18.10.13
Lower Ground Level Plan Gravity and Pressure Services 30442 H02 Issue B	Sydney All Services Pty Ltd	18.10.13

Document(s)	Dated
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ViPAC Construction Noise and Vibration Impact Assessment prepared by ViPAC	10 March 2014
ViPAC Masterplan Acoustic Impact Study 20C-12-0186-TRP-266499-2 Pymble Ladies College, Aquatic & Fitness Centre	31 August 2012
On-site Detention and Water Quality Strategy	27 February 2014
Waste Management Plan	16-09-2013
Operational Waste Management	16-09-2013
Preliminary Stage 2 Environmental Site Assessment (EIS Environmental Investigation Services)	25 October 2013
Bushfire Hazard Assessment Report 120083 (Building Code and Bushfire Hazard Solutions Pty Ltd)	17 August 2012
Arboricultural Assessment and Development Impact Report (RainTree Consulting)	April 2013
Access for people with a disability capability statement (cheung access)	25 September 2013
BCA statement – correspondence (Mckenzie group)	23 September 2013
Traffic statement – correspondence (Colston Budd Hunt & Kafes Pty Ltd)	23 September 2013

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

2. Approved environmental plan/report

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

Plan no.	Prepared by	Dated
VMPC 2.01 Rev 0.2 Vegetation Management Plan	Footprint Green	13.08.2013

Reason: To ensure the protection and enhancement of the biodiversity values of the site.

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. 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:

5. Fauna protection

Prior to tree removal, three nest boxes are to be installed within close proximity to the area in which tree removal is being undertaken. One microchiropteran bat box, one small bird box and one medium mammal box are to be installed within indigenous trees to be retained within the site.

Prior to works commencing and/or tree removal works, a qualified ecologist shall investigate trees for fauna occupation. The ecologist shall supervise the relocation of any fauna found within the trees into the installed nest boxes in accordance with appropriate licensing requirements.

The qualified ecologist must hold an Animal Ethics Permit from the Department of Industry & Investment and a wildlife licence under section 132C of the *National Parks and Wildlife Act 1974* issued by the Office of Environment & Heritage. Evidence of engagement of the qualified ecologist and the required licensing must be provided to the Private Certifying Authority with a copy to Council prior to the trees being removed.

Reason: To ensure the protection of fauna species.

6. 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.

7. Preparation of tree protection plan

Prior to the commencement of works, the appointed project arborist is to prepare a tree protection plan incorporating suitable tree protection measures for the full term of construction in accordance with the arborist report prepared by Raintree Consulting dated April 2013. These measures are to be implemented to the satisfaction of the project arborist and the Certifying Authority prior to the commencement of works. The project arborist must provide a written statement to the Certifying Authority prior to the commencement of work on site to verify the protection measures (including fencing, ground protection and signage) have been installed to his/her satisfaction. The project arborist

must inspect the protection measures on a regular basis throughout the construction period to ensure that the health of all trees on site are not being compromised due to construction activity.

Reason: To protect existing trees during the construction phase.

8. 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.

9. 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.

10. Construction and traffic management plan

The applicant must submit to Council a Construction Traffic Management Plan (TMP), which is to be approved 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 TMP 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 12.5 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:

- demolition
- excavation
- concrete pour

- construction of vehicular crossing and reinstatement of footpath
- 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 TMP is received, a letter of approval will be issued with conditions attached. Traffic management at the site must comply with the approved TMP as well as any conditions in the letter issued by Council. Council's Rangers will be patrolling the site regularly and fines will 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.

11. Work zone / parking restrictions

The applicant must make a written application to the Ku-ring-gai Local Traffic Committee to install ~~the a~~ Work Zone and temporary 'No Stopping' restrictions in Avon Road as follows:

1. A 33m long 'Works Zone' be introduced near the school Entry/Exit at the bottom end of Avon Road.
2. Sections of 'No Stopping 7am-5pm Mon-Fri; 8am-12pm Sat' restrictions be introduced on both sides of Avon Road as per ~~the above~~ plan plan titled "proposed temporary restrictions", plan number Avon/TDA/xx/14, dated 3/04/14.
3. Existing part-time 'No Stopping 7.30am-9am; 2.30pm-4pm School Days' restrictions on both sides of Avon Road near the school ~~g~~Gate be replaced with 'No Stopping 7am-5pm Mon-Fri; 8am-12pm Sat' restrictions.

Work zones are provided specifically for the set down and pick up of materials and not for the parking of private vehicles associated with the site. Work zones will generally not be approved where there is sufficient space on-site for the setting down and picking up of goods being taken to or from a construction site.

If the work zone is approved by the Local Traffic Committee, the applicant must obtain a written copy of the related resolution from the Ku-ring-gai Local Traffic Committee and submit this to the Principal Certifying Authority prior to commencement of any works on site.

Where approval of the work zone is resolved by the Committee, the necessary work zone signage shall be installed (at the cost of the applicant)

and the adopted fee paid prior to commencement of any works on site. At the expiration of the work zone approval, the applicant is required to remove the work zone signs and reinstate any previous signs at their expense.

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.

12. Temporary construction exit

A temporary construction exit, together with necessary associated temporary fencing, shall be provided prior to commencement of any work on the site and shall be maintained throughout the duration and progress of construction.

Reason: To reduce or eliminate the transport of sediment from the construction site onto public roads.

13. 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.

14. Tree protection

All trees on the subject site that are not approved for removal are to be suitably protected by way of tree guards, barriers or other measures in accordance with AS4970-2009 Protection of trees on development sites or as necessary to provide protection, trunks and branches, during construction.

Reason: To protect existing trees during the construction phase.

15. Tree protective fencing type galvanised mesh

The tree protection fencing shall be constructed of galvanised pipe at 2.4 metres spacing 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.

16. 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.

17. 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.

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 Principal Certifying Authority. The management plan is to identify amelioration measures to achieve the best practice objectives of AS 2436-2010 and NSW Department of Environment and Climate Change 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, churches, commercial premises, schools 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 residents 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 during the construction process.

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

19. School facilities standards (Stage 2)

Pursuant to Clause 32 of SEPP (Infrastructure) 2007, the relevant school facilities standards must be addressed by a suitably qualified consultant including a detailed report in response to the provisions, providing an assessment of Stage 2 against the relevant standards. The report must be to the satisfaction of the principal certifying authority prior to the issue of any Construction Certificate.

Reason: Statutory requirement.

20. Structural details

Prior to the issue of a relevant Construction Certificate, the applicant shall submit to the satisfaction of the PCA structural drawings prepared and signed by a suitably qualified practising structural engineer that demonstrate compliance with:

- a) the relevant clauses of the BCA; and
- b) the development consent.

Reason: Structural adequacy.

21. Materials of construction and reflectivity

The building materials used on the facades of the building shall have a maximum normal specular reflectivity of visible light of 20 percent and shall be designed so as not to result in glare that causes any discomfort or threatens the safety of pedestrians or drivers. A report/statement demonstrating compliance with these requirements is to be submitted to the satisfaction of the Certifying Authority prior to the issue of a Construction Certificate.

A schedule of materials indicating the materials and colour palette of the façade shall be submitted to the Principle Certifying Authority prior to the issue of a Construction Certificate. The colour palette shall consist natural colour tones with minimal colour intensity (hue). Large expanses of bold colour, black or white are not permitted.

Reason: To safeguard neighbourhood amenity.

22. Outdoor lighting

All outdoor lighting within the site shall comply with, where relevant, AS/NZ1158.3: 1999 Pedestrian Area (Category P) Lighting and AS4282: 1997 Control of the Obtrusive Effects of Outdoor Lighting. Details demonstrating compliance with these requirements are to be submitted to the satisfaction of the Certifying Authority prior to the issue of a Construction Certificate. No consent for sportsground lighting is given under this consent.

Reason: Neighbourhood amenity.

23. Pre-construction dilapidation reports (buildings)

The applicant is to engage a qualified structural engineer to prepare a Pre-Construction Dilapidation Report detailing the current structural condition of all retained existing and adjoining buildings within the 'zone of influence'. This zone is to be defined as the horizontal distance from the edge of the excavation to twice the maximum excavation depth. Any entry into private land is subject to the consent of the owner(s) and any inspection of, buildings on privately affected land shall include details of the whole building where only part of the building may fall Within the 'zone of influence'. The report shall be submitted to the satisfaction of the Certifying Authority prior to the issue of the first Construction Certificate. A copy of the report is also to be forwarded to the Council.

Reason: Safety and protection of property.

24. Pre-construction dilapidation reports (public infrastructure)

Prior to the issue of the first Construction Certificate, a dilapidation report on the visible and structural condition of all structures of the following public infrastructure shall be prepared and submitted to Council:

- a) Avon Road;
- b) Everton Street; and
- c) Livingstone Avenue from Everton Street to Pacific Highway.

The report must be completed by a consulting structural/civil engineer. Particular attention must be paid to accurately recording (both written and photographic) existing damaged areas on the aforementioned infrastructure so that Council is fully informed when assessing any damage to public infrastructure caused as a result of the development. The developer may be held liable to any recent damage to public infrastructure in the vicinity of the site, where such damage is not accurately recorded by the requirements of this condition prior to the commencement of works.

A written acknowledgment from Council must be obtained (attesting to this condition being appropriately satisfied) and submitted to the Certifying Authority prior to the issue of the Construction Certificate.

Reason: To record the structural condition of public infrastructure before works commence.

25. Traffic and pedestrian management plan

Prior to the commencement of any Stage 2 works, a Traffic and Pedestrian Management Plan prepared by a suitably qualified person shall be submitted to the PCA.

The plan shall address pedestrian and traffic management methods to avoid conflict between vehicle movements and pedestrians for the construction period, and ongoing management at completion of the works. In particular, appropriately located pedestrian management fencing and pedestrian crossings shall be provided for the vehicular accessway to the car park under Mollie Dive Field, and shall be located for the safe movement of pedestrians within the school grounds.

The plan shall be complied with at all times.

Reason: Pedestrian safety.

26. Construction noise management

The development shall be constructed with the aim of achieving the construction noise management levels detailed in the Interim Construction Noise Guideline (Department of Environment and Climate Change, 2009) and the construction noise management levels detailed in the Acoustic Impact Study prepared by Vipac, dated 31/08/2012 and submitted with the Environmental Impact Statement. All feasible and reasonable noise mitigation

measures shall be implemented and any activities that could exceed the construction noise management levels shall be identified and managed in accordance with the Construction Noise and Vibration Management Plan.

If the noise from a construction activity is substantially tonal or impulsive in nature (as described in Chapter 4 of the NSW Industrial Noise Policy), 5dB(A) must be added to the measured construction noise level when comparing the measured noise with the construction noise management levels.

The Applicant shall schedule rock breaking, rock hammering, sheet piling, pile driving and any similar activity only between the following hours, unless otherwise approved in the Construction Noise and Vibration Management Plan.

- a) 9.00 am to 12.00 pm, Monday to Friday;
- b) 2.00 pm to 5.00 pm Monday to Friday; and
- c) 9.00 am to 12.00 pm, Saturday.

Wherever practical, and where -sensitive receivers may be affected, piling activities are completed using bored piles. If driven piles are required they must only be installed where outlined in a Construction Noise and Vibration Management Plan.

Any noise generated during the construction of the development must not be offensive noise within the meaning of the Protection of the Environment Operations Act, 1997 or exceed approved noise limits for the Subject Site.

Reason: Management of amenity impacts to adjoining properties.

27. Car parking management plan

The applicant is to prepare a Car Parking Management Plan (CPMP) for the entire school campus. The CPMP shall identify the location of all car parking spaces on the school campus, their allocation (staff, visitor, student, disabled etc) and access to the various car parking areas.

The CPMP shall also address the management of car parking throughout the on-going development on the campus under the staged development application, and must also address car parking management of the community use of the proposed school facilities.

During the construction period, the existing quantum of 257 car parking spaces shall be maintained on the site. Where parking spaces are unavailable during construction works, these spaces shall be provided in a temporary parking area within the site. In addition, spaces for construction vehicles shall be provided in a temporary parking area within the site.

Where required (as indicated above), the temporary parking area:

- must be located on the site

- shall not be located within areas of the site that are ecologically sensitive
- shall be re-instated to its former state at the time that the Mollie Dive sports field car park is opened for use
- shall have temporary directional signage to the temporary parking area to provide wayfinding to school related and non-school related visitors to the site
- shall be located and managed to avoid conflict with construction vehicle traffic

The CTMP shall be amended and submitted to the Principle Certifying Authority prior to the release of the Construction Certificate for Stage 2 works, to show the location, quantity and use of all existing and proposed parking spaces, and the location of the temporary parking on the site. The plan shall indicate the parking allocations for teachers, staff, students and visitors and where construction vehicles are to be parked during the construction stages.

Reason: Safe and efficient management of parking impacts.

28. Amendments to approved landscape plan

Prior to the issue of a Construction Certificate, the Principal 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
LA01A	Taylor Brammer	18/09/13

1. Landscape plans, sections and elevations to be in accordance with the approved architectural plans approved under S961(A) modification of the Minister's, dated 15 October 2013.
2. Existing trees are to be numbered in accordance with the arborist report prepared by Raintree Consulting, dated April 2013.
3. Drainage pits and tanks to be shown in accordance with the stormwater plan prepared by Sydney All Services, dated 3/07/12.

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

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

Reason: To ensure adequate landscaping of the site.

29. 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.

30. 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.

31. Access for people with disabilities

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.

32. Stormwater management plan

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 be based on the **On-site Detention and Water Quality Strategy Report: Job No. 232297**, dated **27 February 2014**, prepared by **ARUP Pty Ltd** and 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

Details of the on-site detention system required by Ku-ring-gai Local Centres DCP Volume C Part 4 'Water Management' including cross sections, dimensions, materials, location, orifice and discharge control pit details as required.

The above construction drawings and specifications are to be prepared by a suitably qualified and experienced civil/hydraulic engineer in accordance with Ku-ring-gai Local Centres DCP Volume C Part 4 'Water Management', Australian Standards 3500.2 and 3500.3 - Plumbing and Drainage Code and the BCA.

Reason: To protect the environment.

33. Excavation for services

Prior to the issue of the Construction Certificate, the Principal Certifying Authority 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.

34. Recycling and waste management

Prior to the issue of the Construction Certificate, the Certifying Authority shall be satisfied that the development provides a common garbage collection/separation area sufficient in size to store all wheelie garbage bins and recycling bins provided by Council for the number of units in the development in accordance with DCP 40. The garbage collection point is to be accessible by Council's Waste Collection Services.

The responsibility for:

- the cleaning of waste rooms and waste service compartments; and
- the transfer of bins within the property, and to the collection point once the development is in use;

shall be determined when designing the system and clearly stated in the Waste Management Plan.

Note: The architectural plans are to be amended and provided to the Certifying Authority.

Reason: Environmental protection.

35. Noise from plant in residential zone

Where any form of noise generating equipment associated with the use of the premises including but not limited to air conditioning systems, mechanical exhaust and ventilation systems, security gates and the like, is proposed as part of the development, the Certifying Authority shall be satisfied prior to the issue of the Construction Certificate, that the operation of an individual piece of equipment and the operation of all of the equipment in combination will not exceed more than 5dB(A) above the background level during the day when measured at the nearest affected residence and property boundaries and when in operation will not be audible within a habitable room in any residential premises before 7am and after 10pm on any day.

Note: A certificate from an appropriately qualified acoustic engineer is to be submitted with the Construction Certificate, certifying that all mechanical ventilation equipment or other noise generating plant, including but not limited to the noise sources listed above, in isolation or in combination with other plant will comply with the above requirements.

Reason: To comply with best practice standards for residential acoustic amenity.

36. 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.

37. Utility provider requirements

Prior to issue of the Construction Certificate, the applicant must make contact with all relevant utility providers whose services will be impacted upon by the development. A written copy of the requirements of each provider, as determined necessary by the Certifying Authority, must be obtained. All utility services or appropriate conduits for the same must be provided by the developer in accordance with the specifications of the utility providers.

Reason: To ensure compliance with the requirements of relevant utility providers.

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

38. 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.

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

39. 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.

40. 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.

41. 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.

42. Vibration criteria

Vibration caused by construction at any residence or structure outside the Subject Site must be limited to:

- a) For structural damage vibration, German Standard DIN 4150 Part 3 Structural Vibration in Buildings. Effects on Structures;
- b) For human exposure to vibration, the evaluation criteria presented in British Standard BS 6472 - Guide to Evaluate Human Exposure to Vibration in Buildings (1 Hz to 80 Hz) for low probability of adverse comment;
- c) Vibratory compactors must not be used closer than 30 metres from residential buildings unless vibration monitoring confirms compliance with the vibration criteria specified above; and
- d) These limits apply unless otherwise outlined in a Construction Noise and Vibration Management Plan.

Reason: Management of vibration impacts.

43. 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.

44. 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.

45. 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.

46. 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.

47. 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.

48. 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.

49. 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.

50. 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.

51. 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.

52. Drainage to existing system

Stormwater runoff from all new impervious areas and subsoil drainage systems shall be piped to the existing site drainage system. The installation of new drainage components must be completed by a licensed contractor in accordance with AS3500.3 (Plumbing Code) and the BCA. No stormwater runoff is to be placed into the Sydney Water sewer system. If an illegal sewer connection is found during construction, the drainage system must be rectified to the satisfaction of Council and Sydney Water.

Reason: To protect the environment.

53. 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. All pruning works shall be undertaken as specified in Australian Standard 4373-2007 - Pruning of Amenity Trees.

Reason: To protect existing trees.

54. Excavation near trees

No mechanical excavation shall be undertaken within the canopy spread of any existing trees to be retained until root pruning by hand along the perimeter line of such works is completed.

Reason: To protect existing trees.

55. 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.

56. 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.

57. 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.

58. 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:

59. Completion of vegetation management works

Prior to the issue of the Occupation Certificate, the Principal Certifying Authority shall be satisfied that the following works have been undertaken in accordance with the approved Vegetation Management Plan and conditions of consent.

- All works detailed within the Vegetation Management Plan, including revegetation, weed removal, weed techniques, environmental protection measures and proposed planting shall be carried out in accordance with the plan
- All planting to be undertaken within the riparian area of the site are to be species in accordance with the Vegetation Management Plan
- All noxious and environmental weeds shall be removed from the within the VMP area
- The person/s supervising the works shall have a minimum qualification of Certificate 2 in Bushland Regeneration and one year demonstrated experience for all other personnel. In addition the site supervisor shall be

eligible for full professional membership of the Australian Association of Bush Regenerators

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

60. Noise 7am - 10pm

All noise generating equipment associated with the use of the premises including but not limited to air conditioning systems, mechanical exhaust and ventilation systems, security gates and the like must not exceed the background noise level by more than 5 decibels between 7am and 10pm when measured at the nearest affected residence and property boundary.

Note: Written confirmation from a suitably qualified acoustic consultant that the development achieves compliance with this noise criteria is to be submitted to the Principal Certifying Authority prior to the release of the Occupation Certificate.

Reason: To protect the residential amenity.

61. Noise 10pm - 7am

All noise generating equipment associated with the use of the premises, including but not limited to air conditioning systems, mechanical exhaust and ventilation systems, security gates and the like must not exceed the background noise level at all between 10pm and 7am at the nearest affected residence and property boundary.

Note: Written confirmation from a suitably qualified acoustic consultant that the development achieves compliance with this noise criteria is to be submitted to the Principal Certifying Authority prior to the release of the Occupation Certificate.

Reason: To protect the residential amenity.

62. Compliance with acoustic report

Written confirmation is to be submitted to the Principal Certifying Authority from a suitably qualified acoustic consultant that the development complies any noise reduction recommendations of the acoustic consultant report (Reference: Vipac 2OC-12-0186-TRP-266499-2 - '*Pymble Ladies College, Aquatic & Fitness Centre - Masterplan Acoustic Impact Study*') and any existing development consent noise conditions prior to the release of the Occupation Certificate.

Reason: To protect residential amenity.

63. Post-construction dilapidation report

Prior to the issue of an Occupation Certificate:

- a) 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.
- b) The report is to be submitted to the PCA. In ascertaining whether adverse structural damage has occurred to adjoining buildings, infrastructure and roads, the PCA must:
 - i) compare the post-construction dilapidation report with the pre-construction dilapidation report required by these conditions; and
 - ii) have written confirmation from the relevant authority that there is no adverse structural damage to their infrastructure and roads.
- c) A copy of the report is to be forwarded to Council.

64. Mechanical ventilation

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

The installation and performance of the mechanical systems complies with:

- The Building Code of Australia
- Australian Standard AS1668
- Australian Standard AS3666 where applicable

Reason: To protect the amenity of surrounding properties.

65. 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.

66. 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.

67. Provision of copy of OSD designs if Council is not the PCA

Prior to issue of the Occupation Certificate, the following must be provided to Council's Development Engineer:

- A copy of the approved Construction Certificate stormwater detention design for the site
- A copy of any works-as-executed drawings required by this consent
- The Engineer's certification of the as-built system

Reason: For Council to maintain its database of as-constructed on-site stormwater detention systems.

68. 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 on-site detention volume storage requirements of Ku-ring-gai Local Centres DCP Volume C Part 4 'Water Management' have been achieved in full
- 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

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.

69. 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.

70. 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 appendices of Ku-ring-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.

71. 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.

72. 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 AT ALL TIMES:

73. Outdoor lighting

At all times for the life of the approved development, all outdoor lighting shall not detrimentally impact upon the amenity of other premises and adjacent dwellings and shall comply with, where relevant, AS/NZ1158.3: 1999 Pedestrian Area (Category P) Lighting and AS4282: 1997 Control of the Obtrusive Effects of Outdoor Lighting.

Reason: To protect the amenity of surrounding properties.

74. Noise from plant in residential zone

All noise generating equipment associated with the use of the premises including but not limited to air conditioning systems, mechanical exhaust and ventilation systems, security gates and the like must not exceed the background noise level by more than 5 decibels between 7am and 10pm when measured at the nearest affected residence and property boundary.

All noise generating equipment associated with the use of the premises, including but not limited to air conditioning systems, mechanical exhaust and ventilation systems, security gates and the like must not exceed the background noise level at all between 10pm and 7am at the nearest affected residence and property boundary.

Reason: To comply with best practice standards for residential acoustic amenity.

75. 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.

76. Hours of operation

At all times, the hours of operation for use of the hockey field are to be restricted to:

Monday to Friday **6am - 9pm**

Saturday **8am - 7pm**

Sunday and public holidays **8am - 4pm**

Reason: To protect the amenity of the area.

Janice Buteux-Wheeler
Senior Development Assessment Officer

Richard Kinninmont
Team Leader
Development Assessment

Corrie Swanepoel
Manager
Development Assessment

Michael Miocic
Director Development and Regulation

ATTACHMENTS:

- A. Location Sketch: (TRIM: 2014/107818)
- B. Zoning Extract: (TRIM: 2014/107815)
- C. Determination SSD Concept Approval 5314: (TRIM: 2013/172533)

- D. Determination SSD Concept Approval 5314 Modification (MOD 1): (TRIM: 2013/267351)
- E. Rural Fire Service Bush Fire Safety Authority (TRIM: 2014/107667)
- F. DA Landscape Plan (TRIM: 2013/282047)
- G. Stage 1 Landscape Details and Section (TRIM: 2013/282052)
- H. Locality and Site Plans (TRIM: 2013/282064)
- I. Site Plan – Carpark Surrounds (TRIM: 2013/282076)
- J. Plan Carpark Level (TRIM: 2013/282093)
- K. Plan Playing Field Level (TRIM: 2013/282095)
- L. Carpark Elevations and Section (TRIM: 2013/282100)
- M. Vegetation Management Plan (TRIM: 2013/282031)
- N. Hydraulic Services Sediment and Erosion Control Plan (TRIM: 2013/282148)
- O. Hydraulic Services Specification (TRIM: 2013/282141)
- P. First Level Plan Gravity and Pressure Services (TRIM: 2013/282133)
- Q. Ground Level Plan Gravity and Pressure Services (TRIM: 2013/282124)
- R. Lower Ground Level Plan Gravity and Pressure Services (TRIM: 2013/282116)
- S. ViPAC Construction Noise and Vibration Impact Assessment (TRIM: 2014/065349)
- T. ViPAC Masterplan Acoustic Impact Study (TRIM: 2013/252177)
- U. On-site Detention and Water Quality Strategy: (TRIM: 2014/051333)
- V. Preliminary Stage 2 Environmental Site Assessment (TRIM: 2013/281650)
- W. Bushfire Hazard Assessment Report (TRIM: 2013/281983)
- X. Arboricultural Assessment and Development Impact Report (TRIM: 2013/281978)
- Y. Access for people with a disability capability statement (TRIM: 2013/281973)
- Z. BCA statement – correspondence (TRIM: 2013/281959)
- AA. Traffic statement – correspondence (TRIM: 2013/281951)