

Memorandum



TO: The Chair
Sydney Eastern City Planning Panel

FROM: Louis Coorey – Senior Environmental Planning Officer

DATE: 14 March 2018

FILE: DA/88/2017 (2017SCL058)

SUBJECT: 150-174 Barker St, 181 Botany St, 1 Jane St, 18 Jane St, 21 Jane St, 8-20 Young St, 28-42 Young St and 29-39 Young St RANDWICK NSW 2031
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Council has received correspondence dated 12 March 2018 from the applicant's planning consultant seeking refinement and deletion of a number of the proposed conditions of development consent. Council has also received correspondence from the neighbouring schools representative statutory planner also seeking refinement of a condition of consent. The following comments are provided in response to the applicant's request for reconsideration of the relevant conditions and the neighbouring schools representative:

Visual privacy

Condition 2a was included in order to assist with privacy protection of apartment 405 from the communal roof top terrace over the four storey development in Lot S3. The applicant seeks to amend this condition to allow for alternative privacy protection measures. It is considered that the proposed amendment to condition 2a satisfies the intent of the condition to provide privacy to this unit.

Treatment to residential flat building in lot S2

Condition 30 was included to seek clarity in relation to the treatment to the residential flat building and to minimise the expanse of white brick colour which had the potential to detract from the character of the nearby Struggletown heritage conservation area. The applicant has provided additional plan – (Number: DA.S2.07.003 Revision 11, dated 08/3/18 and prepared by Neeson Murcutt Architects Pty Ltd) showing that the white brick component makes up no more than 10% of the brickwork. No objections are raised to the deletion of condition 30 and amendment to condition 1 to replace plan reference number DA.S2.07.003 ELEVATIONS - TERRACES Issue 11, prepared by NEESON MURCUTT ARCHITECTS PTY LTD, dated 08/3/18.

Treatment to residential flat building in Lot S3

Condition 34 was included to minimise the repetitive nature of banding across the southern façade of the development as required by condition 34. The applicant contends that the façade treatment is suitable and will not significantly detract from the heritage significance of the heritage item known as "The Big Stable" for the following reasons:

- The primary view corridor of the Big Stable is from the north
- The long southern frontage is broken into three elements separated by recessed balconies
- The five-storey eastern envelope (approved under the masterplan) now accommodates only four storeys
- This four-storey element is set back 2m from the southern building line to open the view of the Big Stable from DV1 (and the Scout Hall carpark).

- The architects proposed a 'calm' façade composition as a neutral backdrop to the highly articulated and brightly coloured Big Stable.

The applicant has provided additional information comprising view lines from the west of the *Big Stable* as well as perspectives of the building that demonstrates the degree of architectural resolution and building articulation of the building. The banding is sufficiently interrupted as noted by the applicant by three stepped in elements and more over by the varying depths of the building line from the front façade. Having regard to the above, it is recommended condition 34 be deleted.

Notification of Construction to the Schools

The Department of Education's representative statutory planner is seeking refinement of a condition 84 in the recommendation to include the requirement to notify the adjoining schools of key construction activities such as major demolition works and the like to minimise adverse amenity impacts such as noise, dust control and the like. Condition is amended to read:

84. A Construction Site Management Plan must be developed and implemented prior to the commencement of any works. The construction site management plan must include the following measures, as applicable to the type of development:

- location and construction of protective site fencing / hoardings;
- location of site storage areas/sheds/equipment;
- location of building materials for construction;
- provisions for public safety;
- dust control measures;
- details of proposed sediment and erosion control measures;
- site access location and construction
- details of methods of disposal of demolition materials;
- protective measures for tree preservation;
- location and size of waste containers/bulk bins;
- provisions for temporary stormwater drainage;
- construction noise and vibration management;
- construction traffic management details;
- provisions for temporary sanitary facilities;
- prior to demolition works being commenced notification of the adjoining School and neighbouring residents shall be undertaken to advise of time frames that these works are to be carried out.

Please find attached amended recommendation incorporating the amendments above. If you require any further clarification, please do not hesitate to contact me on 9093 6965.

Louis Coorey
Senior Environmental Planning Officer

Recommendation

- A. That Sydney Eastern Regional Planning Panel supports the exceptions to development standards under Clause 4.6 of Randwick Local Environmental Plan 2012 in respect to non-compliance with Clauses Clause 4.3 of Randwick Local Environmental Plan 2012, relating to maximum height of buildings, on the grounds that the proposed development complies with the objectives of the above clauses, and will not adversely affect the amenity of the locality, and that the Department of Planning be advised accordingly.
- B. That the Sydney Eastern Regional Planning Panel, as the consent authority, grants development consent under Sections 4.16 and 4.17 of the Environmental Planning and Assessment Act 1979, as amended, to Development Application No. DA/88/2017 for development of Southern Precinct of "Newmarket Randwick" site including demolition of existing buildings and structures; on Lot S1 construction of a five storey residential flat building containing 17 dwellings, basement carparking, 9 three storey multi attached dwelling units and parking for 40 vehicles; on Lot S2 construction of a three storey residential flat building containing 16 dwellings, basement carparking, 4 two storey multi-unit dwelling units and parking for 24 vehicles; on Lot S3 construction of a part 4/part7 storey residential flat building containing 112 dwellings, basement carparking, 12 two storey multi dwelling units, carparking for 134 vehicles; landscaping and associates works, subject to the following conditions:

GENERAL CONDITIONS

The development must be carried out in accordance with the following conditions of consent.

These conditions have been applied to satisfy the relevant requirements of the *Environmental Planning & Assessment Act 1979, Environmental Planning & Assessment Regulation 2000* and to provide reasonable levels of environmental amenity.

Approved Plans & Supporting Documentation

1. The development must be implemented substantially in accordance with the plans and supporting documentation listed below and endorsed with Council's approved stamp, except where amended by Council in red and/or by other conditions of this consent:

Plan	Drawn by	Dated
S1.00.000 S1 Cover Sheet Rev 5	SJB	23.01.2018
S1.01.001 Lot S Building Arrangement Rev 6		23.01.2018
S1.02.001 Ground Floor & Basement Plan Rev 13		23.01.2018
S1.02.002 Level 1 & Level 2 Floor Plan Rev 11		23.01.2018
S1.02.003 Level 3 & Level 4 Floor Plan & Roof Plan Rev 11		23.01.2018
S1.06.001 Analysis - Area Plans GFA Rev 6		23.01.2018
S1.07.001 Elevations Rev 10		23.01.2018
S1.08.001 Sections - Sheet 1 Rev 10		23.01.2018
S1.08.002 Sections - Sheet 2 Rev 9		23.01.2018
S1.08.200 Detailed Elevation & Section Rev 3		23.01.2018
DA.S2.01.001 SITE ANALYSIS Issue 3	NEESON MURCUTT	24/1/18
DA.S2.01.002 SITE PLAN Issue 3		24/1/18

Plan	Drawn by	Dated
DA.S2.02.001 GA PLANS - BASEMENT Issue 3	ARCHITEC TS PTY LTD	24/1/18
DA.S2.02.002 GA PLANS - LEVEL 0 Issue 4		24/1/18
DA.S2.02.003 GA PLANS - LEVEL 1 Issue 4		24/1/18
DA.S2.02.004 GA PLANS - LEVEL 2 Issue 4		24/1/18
DA.S2.02.005 GA PLANS - ROOF Issue 4		24/1/18
DA.S2.07.001 ELEVATIONS - APARTMENT BUILDING Issue 12		24/1/18
DA.S2.07.002 ELEVATIONS - APARTMENT BUILDING Issue 12		24/1/18
DA.S2.07.003 ELEVATIONS - TERRACES Issue 11		08/3/18
DA.S2.07.004 ELEVATIONS - TERRACES Issue 10		24/1/18
DA.S2.08.001 SECTIONS - TERRACES 1:200 Issue 11		24/1/18
DA.S2.08.002 SECTIONS - APARTMENT BUILDING Issue 11		24/1/18
DA.S2.09.003 SECTIONS - TERRACE Issue 9		24/1/18
DA.S3.01.03 Existing Conditions and Demolition Plan Rev C	Bates Smart	19.01.18
DA.S3.03.00 Ground Floor Plan Rev C		19.01.18
DA.S3.03.01 Level 1 Plan Rev C		19.01.18
DA.S3.03.02 Level 2 Plan Rev C		19.01.18
DA.S3.03.03 Level 3 Plan Rev C		19.01.18
DA.S3.03.04 Level 4 Plan Rev C		19.01.18
DA.S3.03.05 Level 5 Plan Rev C		19.01.18
DA.S3.03.06 Level 6 Plan Rev C		19.01.18
DA.S3.03.07 Roof Plan Rev C		19.01.18
DA.S3.07.01 North & South Elevations Rev C		19.01.18
DA.S3.07.02 East & West Elevations Rev C		19.01.18
DA.S3.08.01 Section 1 Rev C		19.01.18
DA.S3.08.02 Section 2 Rev C		19.01.18
DA.S3.08.03 Section 3 Rev C		19.01.18
DA.S3.08.04 Section 4 Rev C		19.01.18
DA.S3.08.05 Section 5 Rev C		19.01.18
DA.S3.08.06 Section 6 Rev C		19.01.18
Basix Certificate 765678M_05		17 January 2018
Basix Certificate 765605M_04		8 September 2017
Basix Certificate 764120M_06		19 January 2018
Basix Certificate 764128M_08		19 January 2018
Basix Certificate 765810M_02		18 November 2016
Basix Certificate 765807M_03		7 October 2016

Amendment of Plans & Documentation

2. The approved plans and documents must be amended in accordance with the following requirements:
 - a. Continuous planting is to be provided on the northern side of apartment 405 (2-B corner apartment) which is to wrap around the eastern side of the apartment for a length of 8.4m. The planting shall have a minimum soil depth of 700mm and contain perennial species to a minimum height of 1.7m above

the communal roof terrace floor level. The maintenance of the planting shall be included in the plan of management for the site.

- b. The northern balustrades to building S2.2 shall be increased to minimum height of 1.3m above floor level. The landscaping along the rear boundary will provide a secondary privacy buffer.

NSW Heritage Office S60 conditions

- 3. All work shall comply with the information contained within:
 - (a) GML Heritage Newmarket Historical Archaeological Assessment report prepared for Cbus Property Sydney Residential Pty Ltd, prepared by GML Heritage, dated March 2017, as listed in Condition no.1
 - (b) Newmarket Stables, Randwick, Archaeological Impact Assessment and Research Design, report prepared for Cbus Property Sydney Residential Pty Ltd prepared by GML Heritage dated September 2017
 - (c) Big Stable and Newmarket Conservation Management Plan, OCP Architects September 2016,
 - (d) Development Application Notice of Determination DA/662/2016, approved 8 August 2017 for Stage 2 Integrated Development Application for Infrastructure works comprising site enabling works including demolition, site remediation, removal of existing trees, subdivision and provision of civil and road infrastructure works including new internal roads, in-ground infrastructure and construction of a new public park (Heritage item).

EXCEPT AS AMENDED by the conditions of this approval:

- 4. HISTORICAL ARCHAEOLOGY
 - (a) All works shall be in accordance with the approved research design and methodology outlined in 'Newmarket Stables, Randwick, Archaeological Impact Assessment and Research Design, report prepared for Cbus Property Sydney Residential Pty Ltd prepared by GML Heritage dated September 2017, except as amended by the following conditions:
 - (b) This archaeological approval does not cover the removal of any State significant relics. This approval covers the archaeological testing and monitoring of works which may disturb or expose relics associated with the Big Stables Newmarket site, only.
Fieldwork
 - (c) The Heritage Council of NSW or its Delegate must be informed in writing of the start of the archaeological investigation at least five (5) days prior to the commencement of, and within five (5) days of the completion of on-site archaeological work.
 - (d) The Applicant must ensure that if substantial intact archaeological deposits and/or State significant relics not identified in 'GML Heritage Newmarket Historical Archaeological Assessment report prepared for Cbus Property Sydney Residential Pty Ltd, prepared by GML Heritage, dated March 2017, are discovered, work must cease in the affected area(s) and the Heritage Council of NSW must be notified. Additional assessment and approval may be required prior to works continuing in the affected area(s) based on the nature of the discovery.
 - (e) The Applicant must ensure that the nominated Excavation Directors, Dr Jennifer Jones, or Dr Tim Owen are present at the site supervising all excavation activity likely to expose relics.
 - (f) The Applicant must ensure that the nominated Excavation Directors Dr. Jennifer Jones and Dr Tim Owen take adequate steps to record in detail relics, structures and features discovered on the site during the archaeological works in accordance with current best practice. This work

must be undertaken in accordance with the NSW Heritage Office guidelines, 'How to Prepare Archival Records of Heritage Items' (1998) and 'Guidelines for Photographic Recording of Heritage Items' (2006).

(g) Analysis and Reporting

The Applicant is responsible for the safe-keeping of any relics recovered from the site. The Applicant must ensure that the nominated Excavation Directors, Dr Jennifer Jones, Dr Tim Owen or an appropriate specialist, cleans, stabilises, labels, analyses, catalogues and stores any artefacts recovered from the site in a way that allows them to be retrieved according to both type and provenance.

(h) 500 word summary:

The Applicant must ensure that a summary of the results of the field work, up to 500 words in length, prepared by the approved Primary Excavation Director nominated in the section 60 form, Dr Jennifer Jones, is submitted to the Heritage Council of NSW for approval within one (1) month of completion of archaeological field work.

(i) Final report:

The Applicant must ensure that a final excavation report is prepared by the nominated Excavation Directors, Dr Jennifer Jones and Dr Tim Owen, to publication standard, within one (1) year of the completion of the field based archaeological activity unless an extension of time or other variation is approved by the Heritage Council of NSW. Further copies of the report should be lodged with the local library and/or another appropriate local repository in the area in which the site is located.

(j) Unexpected historical archaeological relics protection

The Applicant must ensure that if unexpected archaeological deposits or relics not identified and considered in the supporting documents for this approval are discovered, work must cease in the affected area(s) and the Heritage Council of NSW must be notified. Additional assessment and approval may be required prior to works continuing in the affected area(s) based on the nature of the discovery.

Reason: Standard conditions to manage the approve change to significant historical archaeological resources identified within the SHR curtilage.

5. ABORIGINAL OBJECTS

Should any Aboriginal 'objects' be uncovered by the work, excavation or disturbance of the area is to stop immediately and the Office of Environment & Heritage is to be informed in accordance with Section 89A of the National Parks and Wildlife Act, 1974 (as amended). Works affecting Aboriginal 'objects' on the site must not continue until the Office of Environment and Heritage has been informed. Aboriginal 'objects' must be managed in accordance with the National Parks and Wildlife Act, 1974

Reason: To comply with legislation

6. COMPLIANCE

If requested, the Applicant and nominated Heritage Consultant may be required to participate in audits of Heritage Council approvals to confirm compliance with conditions of consent.

Reason: To ensure completion of the works in accordance with the approved plans and to improve the approvals process through a better understanding of the implementation of conditions of approval.

7. DURATION OF APPROVAL

This approval shall be void if the activity to which it refers is not substantially commenced within five years after the date of the approval, or within the period of

consent specified in any relevant development consent granted under the Environmental Planning and Assessment Act 1979, whichever occurs first.

Reason: To comply with legislation.

Heritage Council of NSW S140 conditions for Testing and Monitoring at 1 Young Street, Randwick – Inglis Newmarket Stables Conditions of Approval 2017/S140/28

Approved Archaeological Works

8. All works shall be in accordance with the approved research design and methodology outlined in the Newmarket Stables, Randwick, Archaeological Impact Assessment and Research Design, report prepared for Cbus Property Sydney Residential Pty Ltd, prepared by GML Heritage Pty Ltd, dated September 2017, except as amended by the following conditions:
9. This permit covers monitoring and salvage of relics, only of local significance are affected/allowed to be removed.
10. This archaeological approval is valid for five (5) years from the date of approval. Requests for extensions beyond this time must be made in writing prior to expiry of the permit.

Fieldwork

11. The Heritage Council of NSW or its delegate must be informed of the commencement and completion of the archaeological program at least 5 days prior to the commencement and within 5 days of the completion of work on site. The Heritage Council and staff of the Heritage Division, Office of Environment & Heritage authorised under section 148(1) of the Heritage Act, 1977, reserve the right to inspect the site and records at all times and to access any relics recovered from the site.
12. The Applicant must ensure that if substantial intact archaeological deposits not identified in the Newmarket Stables, Randwick, Archaeological Impact Assessment and Research Design, report prepared for Cbus Property Sydney Residential Pty Ltd, prepared by GML Heritage Pty Ltd, dated September 2017, are discovered, work must cease in the affected area(s) and the Heritage Council of NSW must be notified. Additional assessment and approval may be required prior to works continuing in the affected area(s) based on the nature of the discovery.
13. Should any Aboriginal objects be uncovered by the work, excavation or disturbance of the area is to stop immediately and the Office of Environment & Heritage (Enviroline 131 555) is to be notified in accordance with Section 89A of the National Parks and Wildlife Act, 1974 (NPW Act). Aboriginal objects in NSW are protected under the NPW Act. Unless the objects are subject to a valid Aboriginal Heritage Impact Permit, work must not recommence until approval to do so has been provided by the Office of Environment & Heritage.
14. The Heritage Council of NSW must approve any substantial deviations from the approved research design outlined in Newmarket Stables, Randwick, Archaeological Impact Assessment and Research Design, report prepared for Cbus Property Sydney Residential Pty Ltd, prepared by GML Heritage Pty Ltd, dated September 2017, including extent and techniques of excavations, as an application for the variation or revocation of a permit under section 144 of the Heritage Act, 1977.
15. The Applicant must ensure that the approved Primary and Secondary Excavation Director nominated in the section 140 application 2017/S140/28, Dr Jennifer Jones

and Dr Tim Owen, is present at the site supervising all archaeological fieldwork activity likely to expose significant relics.

16. The Applicant must ensure that the approved Primary and Secondary Excavation Director nominated in the section 140 application 2017/S140/28, Dr Jennifer Jones and Dr Tim Owen, takes adequate steps to record in detail relics, structures and features discovered on the site during the archaeological works in accordance with current best practice. This work must be undertaken in accordance with relevant Heritage Council guidelines.
17. The Applicant must ensure that the nominated Excavation Director briefs all personnel involved in the project about the requirements of the NSW Heritage Act, 1977 in relation to the proposed archaeological program. This briefing should be undertaken prior to the commencement of on-site excavation works.
18. The Applicant must ensure that the nominated Excavation Director and the excavation team is given adequate resources to allow full and detailed recording to be undertaken to the satisfaction of the Heritage Council.
19. The Applicant must ensure that the site under archaeological investigation is made secure and that the unexcavated artefacts, structures and features are not subject to deterioration, damage, destruction or theft during fieldwork.
20. The Applicant is responsible for the safe-keeping of all relics recovered from the site.

Analysis and Reporting

21. The Applicant must ensure that the approved Primary and Secondary Excavation Director or an appropriate specialist, cleans, stabilises, labels, analyses, catalogues and stores any artefacts recovered from the site in a way that allows them to be retrieved according to both type and provenance.
22. The Applicant must ensure that a summary of the results of the field work, up to 500 words in length, prepared by the approved Primary Excavation Director nominated in the section 140 form, Dr Jennifer Jones and Dr Tim Owen, is submitted to the Heritage Council of NSW for approval within one (1) month of completion of archaeological field work. This information is required in accordance with section 146(b) of the Heritage Act, 1977.
23. The Applicant must ensure that a final excavation report is written by the approved Primary and Secondary Excavation Director nominated in the section 140 application 2017/S140/28, Dr Jennifer Jones and Dr Tim Owen, to publication standard, within one (1) year of the completion of the field based archaeological activity unless an extension of time or other variation is approved by the Heritage Council of NSW in accordance with section 144 of the Heritage Act, 1977.
24. The Applicant must ensure that one (1) electronic copy of the final excavation report is submitted on CD to the Heritage Council of NSW together with two (2) printed copies of the final excavation report. These reports are required in accordance with section 146(b) of the Heritage Act, 1977. The Applicant must also ensure that further copies are lodged with the local library and/or another appropriate local repository in the area in which the site is located. It is also required that all digital resources (including reports, context and artefact data, scanned field notes, other datasets and documentation) should be lodged with a sustainable, online and open-access repository.

25. The Applicant must ensure that the information presented in a final excavation report includes the following:
- (a) An executive summary of the archaeological programme;
 - (b) Due credit to the client paying for the excavation, on the title page;
 - (c) An accurate site location and site plan (with scale and north arrow) and including geo-reference data;
 - (d) Historical research, references, and bibliography;
 - (e) Detailed information on the excavation including the aim, the context for the excavation, procedures, treatment of artefacts (cleaning, conserving, sorting, cataloguing, labelling, scale photographs and/or drawings, location of repository) and analysis of the information retrieved;
 - (f) Nominated repository for the items;
 - (g) Detailed response to research questions (at minimum those stated in the Heritage Council approved Research Design);
 - (h) Conclusions from the archaeological programme. This information must include a reassessment of the site's heritage significance; statement(s) on how archaeological investigations at this site have contributed to the community's understanding of the site as a Newmarket garden, Horse Stabling and Newmarket House and Hotel from the mid-nineteenth century; recommendations for the future management of the site and how much of the site remains undisturbed;
 - (i) Details of how this information about this excavation has been publicly disseminated (for example, provide details about Public Open Days and include copies of press releases, public brochures and information signs produced to explain the archaeological significance of the site).

26. Compliance
If requested, the Applicant and nominated Heritage Consultant may be required to participate in audits of Heritage Council approvals to confirm compliance with conditions of consent.

Randwick Council Heritage conditions

27. The conditions of consent within the Excavation Permit issued by the Department of Environment and Heritage are to be complied with.
28. In the event of interpretive panels or other interpretive devices enabling interpretation of the former use of the site as horse sales yards and hotel are being provided in other areas of the overall development, a heritage interpretation plan is to be submitted for approval by Council and to be implemented prior to occupation of the works.
29. The annotation of elevations to Building 2.2 in the application is to be verified as to north and south orientation and if required corrected in the submitted documents.
30. The proposed two storey undercroft at the eastern end of Building S3 linking Young Street and the central space between the seven and four storey structures is not be screened by glazing or other translucent or clear screening.

Crime Prevention through Environmental Design

31. The recommendations included in the CPTED Crime Risk Assessment stamped received by Council 24 October 2017 shall be implemented into the design and form part of the documentation for the construction certificate. Should there be any enquiries regarding this condition please contact Constable Andrew Carter, Crime Prevention Officer, Eastern Beaches Local Area Command.

Water NSW General Terms of Approval

32. A Water Supply Work Approval from WaterNSW must be obtained prior to commencing **dewatering** activity on the proposed site. Please complete an Application for approval for water supply works, and/or water use.
33. An application for a Water Supply Works Approval will only be accepted upon receipt of supporting documentation, and payment of the applicable fee (see Application fees for New or amended Works and/or Use Approvals). The information required for the processing of the water supply work application may include preparation of a dewatering management plan. Please refer to checklist attached.
34. If approved, the Approval will be issued for a period of up to 24 months to cover the dewatering requirements during the construction phase. It will include conditions to ensure that impacts are acceptable and that adequate monitoring and reporting procedures are carried out. The Approval will be issued subject to the proponent meeting requirements of other agencies and consent authorities. For example, an authorisation by either Sydney Water or the local Council, depending where the water will be discharged. If contaminants are likely, or are found to be present in groundwater, and are being discharged to stormwater, including high salinities, a discharge licence under the Protection of the Environment Operations Act 1997 (NSW) may also be required.
35. WaterNSW prefers "tanking" (ie. total water proofing below the seasonal high water table) of basement excavations, and avoids the ongoing extraction of groundwater after the initial construction phase. It is also advised to adopt measures to facilitate movement of groundwater post construction (eg. a drainage blanket behind the water-proof membrane). 5. If the basement is not "tanked", the proponent will require a Water Access Licence (WAL) and need to acquire groundwater entitlements equivalent to the yearly ongoing take of groundwater. Please note: Acquiring groundwater entitlements could be difficult, and may cause delay in project completion. If a WAL is required, please complete an Application for a new water access licence with a zero share component.

REQUIREMENTS BEFORE A CONSTRUCTION CERTIFICATE CAN BE ISSUED

The following conditions of consent must be complied with before a 'Construction Certificate' is issued by either an Accredited Certifier or Randwick City Council. All necessary information to demonstrate compliance with the following conditions of consent must be included in the documentation for the construction certificate.

These conditions have been applied to satisfy the relevant requirements of the *Environmental Planning & Assessment Act 1979*, *Environmental Planning & Assessment Regulation 2000*, Council's development consent conditions and to achieve reasonable levels of environmental amenity.

Consent Requirements

36. The requirements and amendments detailed in the 'General Conditions' must be complied with and be included in the construction certificate plans and associated documentation.
37. Details of the proposed colours, materials and textures (i.e. a schedule and brochure/s or sample board) are to be submitted to Council's Manager Development Assessments for approval prior to the issuing of the construction certificate for the development.

Section 94A Development Contributions

38. In accordance with Council's Section 94A Development Contributions Plan effective from 21 April 2015, based on the development cost of \$81,777,247 the following applicable monetary levy must be paid to Council: \$817,772.50.

The levy must be paid in **cash, bank cheque** or by **credit card** prior to a construction certificate being issued for the proposed development. The development is subject to an index to reflect quarterly variations in the Consumer Price Index (CPI) from the date of Council's determination to the date of payment. Please contact Council on telephone 9399 0999 or 1300 722 542 for the indexed contribution amount prior to payment.

To calculate the indexed levy, the following formula must be used:

$$\text{IDC} = \text{ODC} \times \text{CP2/CP1}$$

Where:

IDC = the indexed development cost

ODC = the original development cost determined by the Council

CP2 = the Consumer Price Index, All Groups, Sydney, as published by the ABS in respect of the quarter ending immediately prior to the date of payment

CP1 = the Consumer Price Index, All Groups, Sydney as published by the ABS in respect of the quarter ending immediately prior to the date of imposition of the condition requiring payment of the levy.

Council's Section 94A Development Contribution Plans may be inspected at the Customer Service Centre, Administrative Centre, 30 Frances Street, Randwick or at www.randwick.nsw.gov.au.

Compliance Fee

39. A development compliance and enforcement fee of \$81,777.25 (0.1% of the development cost) shall be paid to Council in accordance with Council's adopted Fees & Charges Pricing Policy, prior to the issue of a Construction Certificate for development.

Long Service Levy Payments

40. The required Long Service Levy payment, under the *Building and Construction Industry Long Service Payments Act 1986*, must be forwarded to the Long Service Levy Corporation or the Council, in accordance with Section 109F of the *Environmental Planning & Assessment Act 1979*.

At the time of this development consent, Long Service Levy payment is applicable on building work having a value of \$25,000 or more, at the rate of 0.35% of the cost of the works.

Security Deposit

41. The following damage / civil works security deposit requirement must be complied with, as security for making good any damage caused to the roadway, footway, verge or any public place; and as security for completing any public work; and for remedying any defect on such public works, in accordance with section 80A(6) of the *Environmental Planning and Assessment Act 1979*:

- \$15,000.00 - Damage / Civil Works Security Deposit

The damage/civil works security deposit may be provided by way of a cash, cheque or credit card payment and is refundable upon a satisfactory inspection by Council upon the completion of the civil works which confirms that there has been no damage to Council's infrastructure.

The owner/builder is also requested to advise Council in writing and/or photographs of any signs of existing damage to the Council roadway, footway, or verge prior to the commencement of any building/demolition works.

To obtain a refund of relevant deposits, a *Security Deposit Refund Form* is to be forwarded to Council's Director of City Services upon issuing of an occupation certificate or completion of the civil works.

Electricity Substation

42. The applicant must liaise with Ausgrid prior to obtaining a construction certificate (for any above ground works), to determine whether or not an electricity substation is required for the development. Any electricity substation required for the site as a consequence of this development shall be located within the site and shall be screened from view. The proposed location and elevation shall be shown on relevant construction certificate and landscape plans.

Sydney Water

43. All building, plumbing and drainage work must be carried out in accordance with the requirements of the Sydney Water Corporation.

The approved plans must be submitted to the Sydney Water **Tap in™** online service, to determine whether the development will affect Sydney Water's waste water and water mains, stormwater drains and/or easements, and if any further requirements need to be met.

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

- Building plan approvals
- Connection and disconnection approvals
- Diagrams
- Trade waste approvals
- Pressure information
- Water meter installations
- Pressure boosting and pump approvals
- Change to an existing service or asset, e.g. relocating or moving an asset.

Sydney Water's **Tap in™** online service is available at:
<https://www.sydneywater.com.au/tapin>

The Principal Certifying Authority must ensure that the developer/owner has submitted the approved plans to Sydney Water Tap in online service.

Tree Protection Measures

44. A detailed, site specific Tree Protection Plan (TPP) and Specification, as well as a separate Pruning Specification (PS), relating to preservation of the large and mature *Ficus macrophylla* (Moreton Bay Fig), Tree 160 (as taken from the Preliminary Arboricultural Report by Tree IQ, rev A, dated 12/02/16, and Supplementary 'Arborists Statement' by Tree IQ, dated 23/11/16; "*the Arborist Reports*"), that has been prepared by an AQF Level 5 Arborist, (who is eligible for membership with a nationally recognized organization/association), must be submitted to, and be approved by, Council's Director City Planning.
45. This Plan & Specification must detail the site specific measures that will be implemented both on the plans and on-site during the course of works to ensure

the retention of T160, and must provide details, recommendations and mitigation measures in regards to the following specific components of the new works:

- a) Describe exactly what 'tree sensitive methods' will be used during the course of works;
- b) How and where existing footings, surfaces & sub-base layers will be retained in-situ so as to minimise root disturbance and damage, with any new works to be provided around these existing items;
- c) How all new pavements (including sub-base materials) will be provided above existing grades (existing levels & RL's must be provided so as to confirm compliance), and must be designed so as to avoid compaction of the sub-grade, below the new pavement level;
- d) The use of 'tree sensitive construction methods' for all works associated with new road pavements, kerb, sub-grade and similar for RL1 (laneway) & ST4 (street); as well as for the new culvert (Siteworks & Stormwater Drainage Plan C0223/B, dated 09/09/16), where these items falls within its TPZ;
- e) How and where a porous/permeable treatment will be incorporated into the new laneway, roadway and parking bays, within its TPZ's, with details to be provided, with the basal 'flare' of its trunk and buttress roots also needing to be considered during the design of these elements;
- f) Crown and root protection associated with works for the southern edge of Building S1, from Ground Level up to Level 4 (DA.S1.02.001/13, dated 23/01/18);
- g) Any new fencing within its TPZ must be a lightweight structure, that is supported only on localized pad footings, such as posts or a pier and beam arrangement, with details confirming compliance to be provided;
- h) Details and extent of TPZ fencing, as well as trunk and ground protection that must be in place prior to commencement of demolition, as well as being maintained throughout the course of works ;
- i) Project Arborists involvement, including relevant hold points during the course of demolition and construction works;
- j) Strategy and recommended treatment for dealing with any roots encountered that will either be retained in-situ; or; that may need to be pruned during the course of the approved works, and in the case of the latter, a joint inspection by Council's Landscape Development Officer (9093-6613) must be undertaken prior to the commencing of any root pruning;
- k) Distances/offsets between the tree and all new works/structures;
- l) Any changes to existing ground levels within its TPZ for new gardens, lawns, paved areas and similar, and must include details of material selection and sub-surface treatments;
- m) Other than the approved footprint and roadways, there must be no other major excavations associated with new services, hydraulic/stormwater systems, continuous strip footings or similar within its TPZ;

46. The Pruning Specification is to clearly nominate the extent of pruning that is sought (must include photos), with the amount to be identified as a quantity; height above ground level; growth direction and branch diameter, and must not result in the loss of more than 5% of its total crown volume, as is confirmed in the Supplementary 'Arborists Statement' by Tree IQ, dated 23/11/16.
47. Works on-site must be performed in accordance with the approved Tree Protection Plan, Specification and Pruning Specification, to Council's satisfaction, only by the Project Arborist; or; under their direct supervision.
48. A SAS section (A) and Summary Site Audit Report (SSAR) is to be provided to the Council prior to the issue of any subdivision certificate/construction certificate for building work (other than shoring work, piling work, retaining structures or any other work which is necessary to carry out remediation works) in each stage of the development, to certify that the site is suitable for its intended uses.

It is noted that any proposed development and remediation strategies must be undertaken in such a manner that minimise the potential for cross contamination of land and ground water during the staged the development.

49. All residential units on the site are to achieve the relevant internal acoustic amenity criteria set in:
 - (a) SEPP 65 - Design Quality of Residential Apartment Development
 - (b) Randwick City Council DCP - Part C – Residential - Medium Density Residential
 - (c) Randwick City Council DCP - Part E - Specific Sites – Newmarket Green
 - (d) Aircraft noise intrusion - Building siting and construction AS-2021-2015
50. A report prepared by a suitably qualified and experienced consultant in acoustics shall be submitted to Council **prior to a construction certificate being issued for the development**, which demonstrates that noise and vibration emissions from the development satisfies the relevant provisions of the *Protection of the Environment Operations Act 1997*, Environmental Protection Authority Noise Control Manual & Industrial Noise Policy, relevant conditions of consent (including any relevant approved acoustic report and recommendations). The assessment and report must include all relevant fixed and operational noise sources.

Sydney Airport Corporation Limited (SACL) - Airspace

51. The maximum height to the topmost point of the proposed building, including any rooftop installations, such as lift overruns, air conditioning plant and equipment, solar panels, vents, chimneys, aerials and the like, shall not exceed RL58.00 metres above AHD, as denoted in the Sydney Airport Corporation Limited letter to Council dated 28/09/2017 (SACL Reg No.: 17/0766 Dated 17 October 2017). Should these heights be exceeded, a new application is required to be submitted. SACL advises that approval to operate construction equipment (i.e. cranes) should be obtained prior to any commitment to construct. Information requirements are contained in the letter identified above. Details demonstrating compliance shall be incorporated in the Construction Certificate.

REQUIREMENTS TO BE INCLUDED IN THE CONSTRUCTION CERTIFICATE

The requirements contained in the following conditions of consent must be complied with and details of compliance must be included in the construction certificate for the development.

These conditions have been applied to satisfy the relevant requirements of the *Environmental Planning & Assessment Act 1979*, *Environmental Planning & Assessment Regulation 2000*, Councils development consent conditions and to achieve reasonable levels of environmental amenity.

Compliance with the Building Code of Australia & Relevant Standards

52. In accordance with section 80A (11) of the *Environmental Planning & Assessment Act 1979* and clause 98 of the *Environmental Planning & Assessment Regulation 2000*, it is a *prescribed condition* that all building work must be carried out in accordance with the provisions of the Building Code of Australia (BCA).
53. Access and facilities for people with disabilities must be provided in accordance with the relevant requirements of the Building Code of Australia, Disability (Access to Premises – Buildings) Standards 2010, relevant Australian Standards and conditions of consent, to the satisfaction of the Certifying Authority.

BASIX Requirements

54. In accordance with section 80A (11) of the *Environmental Planning & Assessment Act 1979* and clause 97A of the *Environmental Planning & Assessment Regulation 2000*, the requirements and commitments contained in the relevant BASIX Certificate must be complied with.

The required commitments listed and identified in the BASIX Certificate must be included on the construction certificate plans, specifications and associated documentation, to the satisfaction of the Certifying Authority.

The design of the building must not be inconsistent with the development consent and any proposed variations to the building to achieve the BASIX commitments may necessitate a new development consent or amendment to the existing consent to be obtained, prior to a construction certificate being issued.

Site stability, Excavation and Construction work

55. A report must be obtained from a suitably qualified and experienced *professional engineer*, which includes the following details, to the satisfaction of the Certifying Authority for the development:-
- a) Geotechnical details which confirm the suitability and stability of the site for the development and relevant design and construction requirements to be implemented to ensure the stability and adequacy of the development and adjacent land.
 - b) Details of the proposed methods of excavation and support for the adjoining land (including any public place) and buildings.
 - c) Details to demonstrate that the proposed methods of excavation, support and construction are suitable for the site and should not result in any damage to the adjoining premises, buildings or any public place, as a result of the works and any associated vibration.
 - d) The adjoining land and buildings located upon the adjoining land must be adequately supported at all times throughout demolition, excavation and building work, to the satisfaction of the *Principal Certifying Authority*.

- e) Written approval must be obtained from the owners of the adjoining land to install any ground or rock anchors underneath t
56. A SAS section (A) and Summary Site Audit Report (SSAR) is to be provided to the Council prior to the issue of any subdivision certificate/construction certificate for building work (other than shoring work, piling work, retaining structures or any other work which is necessary to carry out remediation works) in each stage of the development, to certify that the site is suitable for its intended uses.

It is noted that any proposed development and remediation strategies must be undertaken in such a manner that minimise the potential for cross contamination of land and ground water during the staged the development.

57. All residential units on the site are to achieve the relevant internal acoustic amenity criteria set in:
- (a) SEPP 65 - Design Quality of Residential Apartment Development
 - (b) Randwick City Council DCP - Part C - Residential - Medium Density Residential
 - (c) Randwick City Council DCP - Part E - Specific Sites - Newmarket Green
 - (d) Aircraft noise intrusion - Building siting and construction AS-2021-2015
58. A report prepared by a suitably qualified and experienced consultant in acoustics shall be submitted to Council **prior to a construction certificate being issued for the development**, which demonstrates that noise and vibration emissions from the development satisfies the relevant provisions of the *Protection of the Environment Operations Act 1997*, Environmental Protection Authority Noise Control Manual & Industrial Noise Policy, relevant conditions of consent (including any relevant approved acoustic report and recommendations). The assessment and report must include all relevant fixed and operational noise sources.

Traffic Conditions

59. Adequate provisions are to be made to provide pedestrian visibility and safety. All new walls (and/or landscaping) adjacent to vehicular crossings should not exceed a height of 600mm above the internal driveway level for a distance of 1.5m within the site or new walls (including landscaping) should splayed 1.5 metres by 1.5 metres. Details of compliance, to the satisfaction of the certifying authority, are to be included in the construction certificate documentation.
60. The vehicular access driveways, internal circulation ramps and the carpark areas, (including, but not limited to, the ramp grades, carpark layout and height clearances) are to be in accordance with the requirements of AS 2890.1:2004. The following amendments are also required
- Turning manoeuvre into basement aisle from entry ramp is tight from entry ramp and appears to conflict with column.
 - Exiting carspace 8 in Basement on Lot S2 is likely to be problematic due to proximity of bicycle storage and wall. This shall be amended and/or manoeuvring diagrams to demonstrate satisfactory ingrees and egress intot this space.
 - Internal driveway width for Lot SAS 2890.1 - Category 1A Driveway for 133 spaces. Table 3.1 in AS 2890.1 requires driveway width of between 6 to 9 m

for exit/entry combined or 3m each if separate entry/exit. Driveway indicated as 5.54m wide so does not comply.

Construction Certificate plans must demonstrate compliance with these requirements.

Splay Corners

61. The Construction Certificate plans must indicate the following;
- a) A minimum 2.5 metre by 2.5 metre splay corner at the intersection of Young Street and proposed road DV1
 - b) A minimum 2.5 metre by 2.5 metre splay corner at the intersection of Young Street and proposed Street ST3.
 - c) A minimum 2.5 metre by 2.5 metre splay corner at the intersection of proposed Street DV1 & ST4.
 - d) A minimum 2.5 metre by 2.5 metre splay corner at the intersection of proposed Streets ST3 & ST4.
 - e) A minimum 1.5 metre by 1.5 metre splay corner at the intersection of proposed Street DV1 & PL1.
 - f) A minimum 1.5 metre by 1.5 metre splay corner at the right angle bend in proposed laneway PL1.
 - g) A minimum 1.5m x 1.5m splay corner at the intersection of Road ST 4 and laneway PL1

The splay corners shall be dedicated as public road, at no cost to Council, prior to the issuing of an final Occupation Certificate.

Design Alignment Levels

62. The design alignment level (the finished level of concrete, paving or the like) at the proposed road DV1, ST3 & ST4 property boundary for driveways, access ramps and pathways or the like, must be obtained in writing from Council's Development Engineering Coordinator prior to lodgement of the Construction Certificate. The level shall be generally be 2.5% above the top of the kerb at all points opposite.

Note: the top of the kerb referenced will be the top of the kerb as shown on the approved civil design plans following the issuing of a construction certificate associated with Development Application 662/2016.

The design alignment levels at the property boundary as issued by Council and their relationship to the roadway must be indicated on the building plans for the construction certificate. The design alignment level at the street boundary, as issued by the Council, must be strictly adhered to.

Any enquiries regarding this matter should be directed to Council's Development Engineering coordinator on 9093-6924.

63. The above alignment levels and the site inspection by Council's Development Engineering Section will be issued at a prescribed fee of \$12,095 calculated at \$57.00 per metre of the 3 site frontages containing the basement vehicle entrances. This amount is to be paid prior to a construction certificate being issued for the development.

Stormwater Drainage & Flood Management

64. Prior to lodgement of a Construction Certificate the applicant shall submit to Council for approval, and have approved, a detailed plan showing the critical 1%AEP flood levels along the site frontages.

The applicant's hydraulic consultant must certify to Council's satisfaction that all residential components of the development are protected up to the critical 1% AEP flood level plus 500mm, excluding the internal driveway ramps which must have a high point at 300mm above the critical 1%AEP flood level and also ground floor garages which shall be provided at or above the level of the critical 1% AEP flood level.

65. Windows, vents and other openings into the basement car parks are to be located at least 300 mm above the determined 1 in 100 year flood level. Details demonstrating compliance with this condition are to be included in the construction certificate documentation.
66. The ground floor level located along the site street frontages shall be designed to *structurally* withstand hydrostatic pressure/stormwater inundation from floodwater during the probable maximum flood (PMF) event as defined in the Floodplain Management Manual (New South Wales Government, January 2001). Structural Engineering certification confirming that this condition has been complied with shall be submitted to the certifying authority with the construction certificate.

This requirement does not necessitate the development being flood proof/water tight up to the PMF event, rather the requirement is to ensure that the development will not be *structurally* damaged in manner that could endanger lives during the PMF event.

67. Stormwater drainage plans have not been approved as part of this development consent. Engineering calculations and plans with levels reduced to Australian Height Datum in relation to site drainage shall be prepared by a suitably qualified Hydraulic Engineer and submitted to and approved by the certifying authority prior to a construction certificate being issued for the development. A copy of the engineering calculations and plans are to be forwarded to Council, prior to a construction certificate being issued, if the Council is not the certifying authority. The drawings and details shall include the following information:

- a) A detailed drainage design supported by a catchment area plan, at a scale of 1:100 or as considered acceptable to the Council or an accredited certifier, and drainage calculations prepared in accordance with the Institution of Engineers publication, Australian Rainfall and Run-off, 1987 edition.
- b) A layout of the proposed drainage system including pipe sizes, type, grade, length, invert levels, etc., dimensions and types of all drainage pipes and the connection into Council's stormwater system.
- c) The separate catchment areas within the site, draining to each collection point or surface pit are to be classified into the following categories:
 - i. Roof areas
 - ii. Paved areas
 - iii. Grassed areas
 - iv. Garden areas

- d) Where buildings abut higher buildings and their roofs are "flushed in" to the higher wall, the area contributing must be taken as: the projected roof area of the lower building, plus one half of the area of the vertical wall abutting, for the purpose of determining the discharge from the lower roof.
- e) Proposed finished surface levels and grades of car parks, internal driveways and access aisles which are to be related to Council's design alignment levels.
- f) The details of any special features that will affect the drainage design eg. the nature of the soil in the site and/or the presence of rock etc.

Community Garden

- 68. To compensate for the loss of rainwater storage to Randwick Council's Community garden created by the removal of connections from demolished buildings in the southern portion of the site, the existing stormwater discharge from the 'Big Stable' building in the south east portion of the Newmarket Development site shall be redirected to rainwater tanks within the community garden as part of this development approval. Documentation and plans demonstrating compliance with this requirement are to be submitted to Council's Engineers for approval prior to issuing of a construction certificate. The documentation must also include the likely timing of the works with the reconnection required to be in place as soon as practical.

Internal Drainage

- 69. The site stormwater drainage system is to be provided in accordance with the following requirements;

- a) The stormwater drainage system must be provided in accordance with the relevant requirements of Building Code of Australia and the conditions of this consent, to the satisfaction of the *Certifying Authority* and details are to be included in the construction certificate.
- b) The stormwater must be discharged (by gravity) to the underground drainage system in Young Street or ST1 via a new and/or existing kerb inlet pit
- c) Should stormwater be discharged to Council's street drainage system, an on-site stormwater detention system must be provided to ensure that the maximum discharge from the site does not exceed that which would occur during a **20% AEP (1 in 5 year)** storm of one hour duration for existing site conditions. All other stormwater run-off from the site for all storms up to the 5% AEP (1 in 20 year) storm is to be retained on the site for gradual release to the street drainage system, to the satisfaction of the certifying authority.

An overland escape route or overflow system (to Council's street drainage system) must be provided for storms having an annual exceedance probability (AEP) of 1% (1 in 100 year storm), or, alternatively the stormwater detention system is to be provided to accommodate the 1% AEP (1 in 100 year) storm.

- d) Determination of the required cumulative storage (in the on-site detention and/or infiltration system) must be calculated by the mass curve technique as detailed in Technical Note 1, Chapter 14 of the Australian Rainfall and Run-off Volume 1, 1987 Edition.

Where possible any detention tanks should have an open base to infiltrate stormwater into the ground. Infiltration should not be used if ground water and/or any rock stratum is within 2.0 metres of the base of the tank.

- e) Should a pump system be required to drain any portion of the site the system must be designed with a minimum of two pumps being installed, connected in parallel (with each pump capable of discharging at the permissible discharge rate) and connected to a control board so that each pump will operate alternatively. The pump wet well shall be sized for the 1% AEP (1 in 100 year), 2 hour storm assuming both pumps are not working.

The pump system must also be designed and installed strictly in accordance with Randwick City Council's Private Stormwater Code.

- f) Should a charged system be required to drain any portion of the site, the charged system must be designed such that;
- There are suitable clear-outs/inspection points at pipe bends and junctions.
 - The maximum depth of the charged line does not exceed 1m below the gutter outlet.
- g) If connecting to Council's underground drainage system, a reflux valve shall be provided (within the site) over the pipeline discharging from the site to ensure that stormwater from Council drainage system does not surcharge back into the site stormwater system.
- h) Any new kerb inlet pits (constructed within Council's road reserve) are to be constructed generally in accordance with Council's standard detail for the design of kerb inlet pits (drawing number SD6 which is available from Council).
- i) Generally all internal pipelines must be capable of discharging a 1 in 20 year storm flow. However the minimum pipe size for pipes that accept stormwater from a surface inlet pit must be 150mm diameter. The site must be graded to direct any surplus run-off (i.e. above the 1 in 20 year storm) to the proposed drainage (detention/infiltration) system.
- j) A sediment/silt arrestor pit must be provided within the site near the street boundary prior to discharge of the stormwater to Council's drainage system and prior to discharging the stormwater to any absorption/infiltration system.

Sediment/silt arrestor pits are to be constructed generally in accordance with the following requirements:

- i. The base of the pit being located a minimum 300mm under the invert level of the outlet pipe.
- ii. The pit being constructed from cast in-situ concrete, precast concrete or double brick.
- iii. A minimum of 4 x 90 mm diameter weep holes (or equivalent) located in the walls of the pit at the floor level with a suitable geotextile material with a high filtration rating located over the weep holes.
- iv. A galvanised heavy-duty screen being provided over the outlet pipe/s (Mascot GMS multipurpose filter screen or equivalent).

- v. The grate being a galvanised heavy-duty grate that has a provision for a child proof fastening system.
- vi. A child proof and corrosion resistant fastening system being provided for the access grate (e.g. spring loaded j-bolts or similar).
- vii. Provision of a sign adjacent to the pit stating, "This sediment/silt arrester pit shall be regularly inspected and cleaned".

Sketch details of a standard sediment/silt arrester pit may be obtained from Council's Drainage Engineer.

- k) The floor level of all habitable, retail, commercial and storage areas located adjacent to any detention and/or infiltration systems with above ground storage must be a minimum of 300mm above the maximum water level for the design storm or alternately a permanent 300mm high water proof barrier is to be provided.

(In this regard, it must be noted that this condition must not result in any increase in the heights or levels of the building. Any variations to the heights or levels of the building will require a new or amended development consent from the Council prior to a construction certificate being issued for the development).

- l) The maximum depth of ponding in any above ground detention areas and/or infiltration systems with above ground storage shall be as follows (as applicable):
 - i. 150mm in uncovered open car parking areas (with an isolated maximum depth of 200mm permissible at the low point pit within the detention area)
 - ii. 300mm in landscaped areas (where child proof fencing is not provided around the outside of the detention area and sides slopes are steeper than 1 in 10)
 - iii. 600mm in landscaped areas where the side slopes of the detention area have a maximum grade of 1 in 10
 - iv. 1200mm in landscaped areas where a safety fence is provided around the outside of the detention area
 - v. Above ground stormwater detention areas must be suitably signposted where required, warning people of the maximum flood level.

Note: Above ground storage of stormwater is not permitted within basement car parks or store rooms.

- m) A childproof and corrosion resistant fastening system shall be installed on access grates over pits/trenches where water is permitted to be temporarily stored.
- n) Site discharge pipelines shall cross the verge at an angle no less than 45 degrees to the kerb line and must not encroach across a neighbouring property's frontage unless approved in writing by Council's Development Engineering Coordinator.

- o) Any onsite detention/infiltration systems shall be located in areas to be dedicated as common property / areas accessible by residents of all units.

Groundwater Site seepage & Dewatering

70. As the proposed basement level/s may extend into the water table (or be affected by fluctuations of the water table), the following requirements apply:

- a) The design and construction of the basement level/s must preclude the need for dewatering after construction.

That part of the development that may be impacted by the water table must include a water proof retention system (i.e. a fully tanked structure) with adequate provision for future fluctuations of water table levels. (It is recommended that a minimum allowance for a water table variation of at least +/-1.0 metre beyond any expected fluctuation be provided). The actual water table fluctuation and fluctuation safety margin must be determined by a suitably qualified professional.

- b) Groundwater management systems shall be designed to transfer groundwater around, through or under the proposed development without a change in the range of the natural groundwater level fluctuations in the locality.

Where an impediment to the natural flowpaths is created as a result of the nature of the construction methods utilised or the bulk of the below-ground structure, artificial drains such as perimeter drains and through drainage may be utilised. These systems may only be utilised where it can be demonstrated that the natural groundwater flow regime is restored both up-gradient and down-gradient of the site, without any adverse effects on surrounding property or infrastructure.

Groundwater management systems:

- Are to be designed to be easily maintained.
- Should have a design life of 100 years.

- c) The basement level/s of the building must be designed by a structural engineer who is qualified and experienced in the design of structures below a water table. Details of the proposed methods of managing groundwater, tanking and waterproofing must be submitted to and approved by the certifying authority, prior to issuing the **construction certificate**. A copy of the engineer's qualifications and experience must also be submitted to the Certifying Authority.

In the event of the development being modified in a manner that changes building/structural loads or alters the basement design, a suitably qualified and experienced structural engineer must certify that the design of the basement remains adequate for the site conditions.

71. Prior to the issue of a construction certificate, a report must be submitted to and approved by the Certifying Authority, detailing the proposed methods of excavation (including support), managing groundwater and dewatering the site.

The report is to be prepared by a suitably qualified and experienced Geotechnical and/or Hydrogeological Engineer and include:

- a. Details of compliance with relevant approvals and licences (e.g. Council's conditions of consent and Water Licence from the Office of Water).

- b. The proposed method of excavation, shoring/piling and dewatering.
- c. Assessment of the potential risk of off-site impacts such as damage to surrounding buildings or infrastructure due to differential sediment compaction and surface settlement during and following pumping of groundwater. *Note: The assessment must demonstrate that the proposed method of excavation and dewatering will not pose an unacceptable risk of damage.*
- d. The zone of any possible settlement.
- e. Details of the proposed temporary disposal of groundwater and/or construction site stormwater to Council's drainage system. *Note: Prior to discharging groundwater (or site stormwater) into Council's stormwater drainage system, separate written approval must be obtained from Council in accordance with Section 138 of the Roads Act 1993.*
- f. The location of any proposed re-injection points in relation to the property boundaries (where re-injection equipment is to be located on land other than the subject premises, the written consent of the owner must also be provided to Council).
- g. Details of groundwater quality and proposed disposal of any potentially contaminated groundwater in an environmentally sensitive manner. The details must demonstrate compliance with relevant requirements and approvals of the Office of Environment & Heritage, Council and the Protection of the Environment Operations Act 1997.
- h. The program to monitor fluctuations of the water table during dewatering/ construction to ensure that the conditions of consent and other relevant requirements are satisfied.
- i. The location of all proposed monitoring and pumping equipment in relation to the property boundaries (where monitoring or pumping equipment is to be located on land other than the subject premises, the written consent of the owner must also be provided to Council).
- j. Details of any consultation and arrangements made with owners of any potentially affected nearby premises (i.e. in relation to access, monitoring and rectification of possible damage to other premises)
- k. Certification that the proposed methods of dewatering and excavation are:
 - appropriate and in accordance with 'best practice' principles; and
 - should not result in any unacceptable levels of settlement or damage of the adjoining or nearby buildings within the zone of influence.

A copy of the approved report must be submitted to Council, (for Council's record keeping purposes and as confirmation that this condition has been complied with), prior to the commencement of any site construction works.

Any practices or recommendations made by the consulting engineer/s in the approved report must be implemented accordingly and the dewatering process must be monitored by the consulting engineer/s to the satisfaction of the Principal Certifying Authority.

Waste Management

72. A Demolition and Construction Waste Management Plan (WMP) detailing the waste recycling and removal strategy for all of the development during demolition NS construction, is required to be submitted to and approved by Council's Waste Management Coordinator.

The Demolition and Construction Waste Management plan must include but not be limited to the following details (as applicable):

- The type and quantity of demolition and construction waste to be generated by the development, including materials to be re-used or recycled.
- Details of the proposed recycling and waste disposal contractors.
- Temporary waste storage facilities/locations and equipment.
- Access and traffic arrangements.

Further details of Council's requirements and guidelines, including pro-forma Waste Management plan forms can be obtained from Council's Customer Service Centre.

NOTE: Operational Waste Management provisions shall be implemented in general accordance with the Operational Waste Management plans for S1,S2 & S3 by Elephants Foot submitted with the development application, and as detailed in the conditions of this consent (prior to occupation), subject to any amendments required by Council's Waste Management Coordinator.

73. The waste storage areas are to be provided with a tap and hose and the floor is to be graded and drained to the sewer to the requirements of Sydney Water.

Landscape Plans

74. The Certifying Authority/PCA must ensure that the Landscape Plans submitted as part of the approved Construction Certificate are substantially consistent with the Landscape Masterplan & Landscape Plans by Arcadia, dwg's 001-501, Issue C, dated Nov 2016, and Amended Landscape Masterplan & Softworks Plans for S3, by Arcadia, dwg 100-203, Issue A, dated Jan 2018.

REQUIREMENTS BEFORE REMEDIATION COMMENCES

The following conditions of consent must be complied with before remediation commences.

These conditions have been applied to satisfy the relevant requirements of the *Environmental Planning & Assessment Act 1979*, *Environmental Planning & Assessment Regulation 2000*, and Council's development consent conditions and to achieve reasonable levels of environmental amenity.

75. A Site Audit Statement (SAS) issued under section (B) is to be provided to Council prior to the commencement of any remediation works to determine that:

- i. the nature and extent of the contamination has been appropriately determined

AND

- ii. the investigation/remedial action plan/management plan is appropriate for the purpose stated above

AND

- iii. the site can be made suitable for the intended uses.

76. The Remedial Action Plan (RAP) indicates possible capping/containment under roads and open spaces that will be dedicated back to Council. An amended RAP must be submitted prior to remediation works commencing to ensure land to be dedicated to Council does not have any capping/containment of contaminated materials. Please be advised that Council will not accept dedication of land that will contain capping/containment of contaminated material.
77. A Site Remediation Management Plan must be prepared prior to the commencement of remediation works by a suitably qualified environmental consultant and be implemented throughout remediation works. The Site Remediation Management Plan shall include measures to address the following matters:
- a) General site management, site security, barriers, traffic management and signage
 - b) Hazard identification and control
 - c) Worker health & safety, work zones and decontamination procedures
 - d) Prevention of cross contamination
 - e) Appropriate site drainage, sediment controls, and if necessary dewatering
 - f) Air quality criteria to be implemented during remediation, in accordance with Part 8 of the WHS Regulation 2011
 - g) Air and water quality monitoring requirements
 - h) Air quality management measures for asbestos to protect on-site workers and the surrounding community during remediation, particularly in relation to dust mitigation
 - i) Site work responses to be implemented during remediation should environmental monitoring criteria be exceeded
 - j) Storage, handling, classification and disposal of hazardous wastes
 - k) contingency plans and incident reporting, including Health and Safety and environmental incident management
 - l) details of provisions for monitoring implementation of remediation works and persons/consultants responsible (to include contact name and numbers)
 - m) Details for deliveries, parking and vehicular access to and from the site, ensuring adequate measure are in place to minimise environmental and neighbourhood disturbance
 - n) Any other proposed preventative response procedures to manage the issue of public exposure to contaminants including but not limited to asbestos
 - o) Containment control zones

A copy of the Auditor approved Site Remediation Management Plan is to be forwarded to Council prior to commencing remediation works.

78. Prior to works commencing a Class "A" licensed asbestos removalist is to be engaged and is required to ensure the following is undertaken during works:
- Develop an Asbestos Removal Control Plan (ARCP). The ARCP shall identify measures to reduce and prevent exposure to asbestos during works,
 - ensure that contaminants do not result in a public nuisance or affect the health and safety of the site workers or surrounding community,
 - satisfy the relevant conditions of development consent,

- detail the engagement of an independent licensed asbestos assessor to perform air monitoring during the asbestos works,
- Address a range of related requirements specified under Part 8 of the *WHS Regulation 2011* in regard to Class A Licensed asbestos removal work (safety measures to prevent exposure during the work, various notifications requirements etc), and
- Ensure appropriate neighbourhood notification is undertaken

REQUIREMENTS PRIOR TO THE COMMENCEMENT OF ANY WORKS

The following conditions of consent must be complied with prior to the commencement of any works on the site. The necessary documentation and information must be provided to the Council or the '*Principal Certifying Authority*', as applicable.

These conditions have been applied to satisfy the relevant requirements of the *Environmental Planning & Assessment Act 1979*, *Environmental Planning & Assessment Regulation 2000* and to provide reasonable levels of public health, safety and environmental amenity.

Certification and Building Inspection Requirements

79. Prior to the commencement of any building works, the following requirements must be complied with:

- a) a Construction Certificate must be obtained from the Council or an accredited certifier, in accordance with the provisions of the *Environmental Planning & Assessment Act 1979*.

A copy of the construction certificate, the approved development consent plans and consent conditions must be kept on the site at all times and be made available to the Council officers and all building contractors for assessment.

- b) a *Principal Certifying Authority* (PCA) must be appointed to carry out the necessary building inspections and to issue an *occupation certificate*; and
- c) a *principal contractor* must be appointed for the building work and the requirements of the *Home Building Act 1989* must be satisfied accordingly; and
- d) the *principal contractor* must be advised of the required *critical stage inspections* and other inspections to be carried out, as specified by the *Principal Certifying Authority*; and
- e) at least two days notice must be given to the Council, in writing, prior to commencing any works.

Home Building Act 1989

80. In accordance with section 80 A (11) of the *Environmental Planning & Assessment Act 1979* and clause 98 of the *Environmental Planning & Assessment Regulation 2000*, the relevant requirements of the *Home Building Act 1989* must be complied with.

Details of the Licensed Building Contractor and a copy of the relevant Certificate of Home Warranty Insurance or a copy of the Owner-Builder Permit (as applicable) must be provided to the Principal Certifying Authority and Council.

Dilapidation Reports

81. A dilapidation report prepared by a *professional engineer* or suitably qualified and experienced building surveyor shall be submitted to the *certifying authority* prior to the commencement of demolition, excavation or building works detailing the current condition and status of all buildings and ancillary structures located upon all of the premises adjoining the subject site (e.g. dwellings, residential flat buildings, commercial/industrial building, garages, carports, verandah's, fences, retaining walls, swimming pools and driveways etc).

The report (including photographs) are required to detail the current condition and status of any dwelling, associated garage and other structures located upon the adjoining premises, which may be affected by the subject works. A copy of the dilapidation report must be given to the owners of the premises encompassed in the report/s before commencing any works.

Construction Site Management Plan

82. A *Construction Site Management Plan* must be developed and implemented prior to the commencement of any works. The construction site management plan must include the following measures, as applicable to the type of development:

- location and construction of protective site fencing / hoardings;
- location of site storage areas/sheds/equipment;
- location of building materials for construction;
- provisions for public safety;
- dust control measures;
- details of proposed sediment and erosion control measures;
- site access location and construction
- details of methods of disposal of demolition materials;
- protective measures for tree preservation;
- location and size of waste containers/bulk bins;
- provisions for temporary stormwater drainage;
- construction noise and vibration management;
- construction traffic management details;
- provisions for temporary sanitary facilities.
- prior to demolition works being commenced notification of the adjoining School and neighbouring residents shall be undertaken to advise of time frames that these works are to be carried out.

The site management measures must be implemented prior to the commencement of any site works and be maintained throughout the works, to the satisfaction of Council.

A copy of the Construction Site Management Plan must be provided to the Principal Certifying Authority and Council prior to commencing site works. A copy must also be maintained on site and be made available to Council officers upon request.

Demolition Work Plan

83. A Demolition Work Plan must be prepared for the development in accordance with Australian Standard AS2601-2001, Demolition of Structures and relevant environmental/occupational health and safety requirements.

The Demolition Work Plan must include the following information (as applicable):

- The name, address, contact details and licence number of the Demolisher /Asbestos Removal Contractor
- Details of hazardous materials (including asbestos)
- Method/s of demolition (including removal of any asbestos)
- Measures and processes to be implemented to ensure the health & safety of workers and community
- Measures to be implemented to minimise any airborne dust and asbestos
- Methods and location of disposal of any hazardous materials (including asbestos)
- Other relevant details, measures and requirements to be implemented
- Details of re-use, recycling and disposal of waste materials
- Date the demolition works will commence

The Demolition Work Plan must be submitted to the Principal Certifying Authority (PCA), not less than two (2) working days before commencing any demolition work. A copy of the Demolition Work Plan must be maintained on site and be made available to Council officers upon request.

If the work involves asbestos products or materials, a copy of the Demolition Work Plan must also be provided to Council not less than 2 days before commencing those works.

Notes

- *It is the responsibility of the persons undertaking demolition work to obtain the relevant WorkCover licences and permits.*
- *Refer to the conditions within the "Requirements During Construction & Site Work", for further details and requirements relating to demolition work, removal of any asbestos and public safety.*

Construction Noise & Vibration Management Plan

84. A *Construction Noise & Vibration Management Plan*, prepared in accordance with the Environment Protection Authority (EPA) Guidelines for Construction Noise and Assessing Vibration, by a suitably qualified person, is to be developed and implemented prior to commencing site work and throughout the course of construction, in accordance with the following requirements:

- a) Noise and vibration emissions during the construction of the building and associated site works must not result in damage to nearby premises or result in an unreasonable loss of amenity to nearby residents.

Noise and vibration from any rock excavation machinery, pile drivers and all plant and equipment must be minimised, by using appropriate plant and equipment, silencers and the implementation of noise management strategies.

- b) The *Construction Noise & Vibration Management Plan* must include details of measurements, analysis and relevant criteria and demonstrate that the noise and vibration emissions from the work satisfy the relevant provisions of the *Protection of the Environment Operations Act 1997*, current EPA Guidelines for Construction Noise and Assessing Vibration and Councils conditions of consent.
- c) A further report/correspondence must be obtained from the consultant as soon as practicable upon the commencement of works, which reviews and confirms the implementation and suitability of the noise and vibration strategies in the *Construction Noise & Vibration Management Plan* and which demonstrates compliance with relevant criteria.
- d) Any recommendations and requirements contained in the *Construction Noise & Vibration Management Plan* and associated reports are to be implemented accordingly and should noise and vibration emissions not comply with the terms and conditions of consent, work must cease forthwith and is not to recommence until details of compliance are submitted to Council and the PCA.

A copy of the *Construction Noise & Vibration Management Plan* and associated acoustic/vibration report/s must be maintained on-site and a copy must be provided to Council and the Principal Certifying Authority accordingly.

Public Liability

- 85. The owner/builder is required to hold Public Liability Insurance, with a minimum liability of \$10 million and a copy of the Insurance cover is to be provided to the Principal Certifying Authority and Council.

Construction Traffic Management

- 86. An application for a 'Works Zone' and Construction Traffic Management Plan must be submitted to Councils Integrated Transport Department, and approved by the Randwick Traffic Committee, for a 'Works Zone' to be provided in Young Street for the duration of the demolition & construction works.

The 'Works Zone' must have a minimum length of 12m and extend for a minimum duration of three months. The suitability of the proposed length and duration is to be demonstrated in the application for the Works Zone. The application for the Works Zone must be submitted to Council at least six (6) weeks prior to the commencement of work on the site to allow for assessment and tabling of agenda for the Randwick Traffic Committee.

The requirement for a Works Zone may be varied or waived only if it can be demonstrated in the Construction Traffic Management Plan (to the satisfaction of Council's Traffic Engineers) that all construction related activities (including all loading and unloading operations) can and will be undertaken wholly within the site. The written approval of Council must be obtained to provide a Works Zone or to waive the requirement to provide a Works Zone prior to the commencement of any site work.

- 87. A detailed Construction Site Traffic Management Plan must be submitted to and approved by Council, prior to the commencement of any site work. The Construction Site Traffic Management Plan must be prepared by a suitably qualified person and must include the following details, to the satisfaction of Council:

- A description of the demolition, excavation and construction works
- A site plan/s showing the site, roads, footpaths, site access points and vehicular movements
- Any proposed road and/or footpath closures
- Proposed site access locations for personnel, deliveries and materials
- Size, type and estimated number of vehicular movements (including removal of excavated materials, delivery of materials and concrete to the site)
- Provision for loading and unloading of goods and materials
- Impacts of the work and vehicular movements on the road network, traffic and pedestrians
- Proposed hours of construction related activities and vehicular movements to and from the site
- Current/proposed approvals from other Agencies and Authorities (including NSW Roads & Maritime Services, Police and State Transit Authority)
- Any activities proposed to be located or impact upon Council's road, footways or any public place
- Measures to maintain public safety and convenience

The approved Construction Site Traffic Management Plan must be complied with at all times, and any proposed amendments to the approved Construction Site Traffic Management Plan must be submitted to and be approved by Council in writing, prior to the implementation of any variations to the Plan.

88. Any necessary approvals must be obtained from NSW Police, Roads & Maritime Services, Transport, and relevant Service Authorities, prior to commencing work upon or within the road, footway or nature strip.

Civil Works

89. A separate written approval from Council is required to be obtained in relation to all works which are located externally from the site within the road reserve/public place, in accordance with the requirements of the Roads Act 1993. Detailed plans and specifications of the proposed works are to be submitted to and approved by the Director of City Services prior to commencing any works within the road reserve/public place.

All works within the road reserve/public place must be carried out to the satisfaction of Council and certification from a certified practicing engineer is to be provided to Council upon completion of the works.

Relevant Council assessment and inspection fees, as specified in Council's adopted Pricing Policy, are required to be paid to Council prior to commencement of the works.

Public Utilities

90. A public utility impact assessment must be carried out on all public utility services located on the site, roadway, nature strip, footpath, public reserve or any public

areas associated with and/or adjacent to the building works. The assessment should include relevant information from public utility authorities and exploratory trenching or pot-holing, if necessary, to determine the position and level of services.

91. Documentary evidence from the relevant public utility authorities confirming they have agreed to the proposed works and that their requirements have been or are able to be satisfied, must be submitted to the Principal Certifying Authority prior to the commencement of any demolition, excavation or building works.

The owner/builder must make the necessary arrangements and meet the full cost for telecommunication companies, gas providers, Ausgrid, Sydney Water and other service authorities to adjust, repair or relocate their services as required.

Project Arborist

92. Prior to the commencement of any site works, the Certifying Authority/PCA must ensure that an AQF Level 5 Arborist (must be eligible for membership with a nationally recognized organization/association) has been formally engaged as '*the Project Arborist*' for the duration of works, and will be responsible for both implementing and monitoring the conditions of development consent, as well as the recommendations of the approved Tree Protection Plan & Pruning Specification.
93. The project Arborist must be present on-site at the relevant stages of works, and must keep a log of the dates of attendance and the works performed, which is to be presented as a Final Compliance Report, for the approval of the PCA, prior to the issue of any Occupation Certificate.

REQUIREMENTS DURING REMEDIATION AND DURING WORK

The following conditions of consent must be complied with during the remediation and earth works.

These conditions have been applied to satisfy the relevant requirements of the *Environmental Planning & Assessment Act 1979*, *Environmental Planning & Assessment Regulation 2000* and to provide reasonable levels of public health, safety and environmental amenity during construction.

94. The remediation of land must be implemented in accordance with a Remedial Action Plan (RAP), as amended and approved pursuant to these conditions, for the subject land and the following matters must be satisfied:
 - i) A copy of the Remedial Action Plan is to be forwarded to Council. The Remedial Action Plan (together with any proposed amendments) is to be reviewed by the Site Auditor and prior to the commencement of remediation works written confirmation is to be provided to Council from the Site Auditor which confirms that the Remedial Action Plan satisfies the relevant legislative provisions, guidelines and conditions of this consent:
 - State Environmental Planning Policy No. 55.
 - Contaminated Land management Act 1997.
 - Contaminated Land Management Regulation 2013.
 - Managing Land Contamination Guidelines 1998 (NSW EPA).
 - Guidelines for the Assessment of On-site Containment of Contaminated Soil (EPA/DEC).

- Randwick City Council Contaminated Land Policy 1999.
 - Protection of the Environment Operations Act 1997.
- ii) Should it be proposed to provide on-site containment/capping of asbestos or other contaminants, written details of the proposal must be contained in the Remedial Action Plan and must be referred to Council for consideration and written concurrence must be obtained from Council prior to implementation of the Remedial Action Plan.

A copy of the Management Plan(s) and details of relevant notations/restrictions upon the Certificates of Title must be forwarded to Council prior to the issue of any SAS section A in respect of the site, together with a written statement from the Site Auditor, which confirms that the Management Plan is consistent with the Guidelines for the Assessment of Onsite Containment of Contaminated Soils and any other relevant guidelines and legislative requirements.

- iii) The strategy for staged remediation of the site is to incorporate measures to ensure that adequate environmental and public health safeguards are implemented and monitored, including (but not be limited to):
- Cross-contamination, of any potential activity, which may result in the contamination of a clean or remediated area from an area that has not been remediated,
 - Drainage including cross-contamination via drainage,
 - Worker health and safety,
 - Worker movement,
 - Environmental impact and potential for migration or release of contaminants from the site,
 - Groundwater movement across the site.

These shall be effectively addressed in a controlled manner through the development, implementation and monitoring of a detailed Site Management Plan (SMP) to be implemented during site remediation and infrastructure works.

The Site Management Plan for staged signoff is to be developed and implemented by a suitably qualified and experienced Environmental Consultant, to the satisfaction of the Site Auditor and Council. Written confirmation of the Site Auditors review and concurrence is to be forwarded to Council prior to commencement of remediation works.

95. Information and measures are to be documented detailing any staged remediation strategy to the satisfaction of the site auditor and Council prior to the commencement of remediation of the site including but not limited to:

The roles and responsibilities of all of the key stakeholders in the Project Team are to be clearly identified and fully detailed, including Any additional conditions that are specified in the Site Audit Statement(s) and Summary Site Audit Report(s) by the EPA Accredited Site Auditor, form part of this consent and must be complied with prior to the issue of any occupation certificate in relation to the site. All conditions must be discussed by the auditor with the planning authority, and agreed to by the Council prior to the completion of the Site Audit Statement. The following is noted:

- i) The key stakeholders can include, but are not limited to:
- The site owner

- The Project Manager
 - The Environmental Consultant
 - The Licensed Asbestos Removalist
 - The Remediation Contractor
 - The Waste Transporter
 - The Waste Receiving Contractor(s)
 - The Independent Site Auditor, and
 - The Relevant Regulator Agencies (i.e. Council, EPA NSW Health etc.)
- ii) Documentation detailing the staging of the remediation shall be provided (including periodical updates on the status of works).
- iii) The Unexpected Finds Protocol is to be expanded to include other potential unexpected finds such as waste fill and underground services.
- iv) Any significant amendments or changes to the staged remediation strategy are to be forwarded to Council for concurrence including necessary amendments or additional details required to be included in the strategy arising from the conditions of this consent, prior to the issue of any Site Audit Statement issued under the staged remediation strategy, together with written confirmation of the suitability of the amendments or changes from the Site Auditor.

An acid sulphate soil (ASS) management plan is to be developed and implemented as part of any further development application/s submitted in relation to the site, if acid sulphate soils are encountered prior to commencement of works. Any ASS management plan shall outline mitigation measures to the satisfaction of a suitably qualified environmental consultant and in accordance with the NSW Government ASS Manual (1998)

96. An Environmental Management Plan (EMP) is to be developed in accordance with the Western Australian Department of Health Guidelines for the Assessment, Remediation and Management of Asbestos Contaminated Sites in Western Australia (WA DOH, May 2009) section 5.3 Ongoing Management. Any requirements contained within an Environmental Management Plan (EMP) form part of this consent and must be implemented accordingly. Land where capping and containment is proposed must be specified. Council must be consulted with prior to the development of the EMP and any comments made by Council are required to be taken into consideration prior to finalising the EMP.
97. Any beneficial reuse of material on-site is to be monitored and classified by a suitably experienced environmental specialist, together with the Site Auditor. Such material must be confirmed as suitable for reuse on the site by the Site Auditor prior to placement where it is to be reused either initially by issue of a Clearance Instruction by the Site Auditor and subsequently by issue of a Site Audit Statement (SAS) together with a Summary Site Audit Report (SSAR) in the format defined by the Contaminated Land Management Regulation 2013 and a copy provided to Council.
98. Documentary evidence such as clearance certificates must be obtained from the appointed Licenced Asbestos Removalist and Licenced Asbestos Assessor which confirms confirmation that the relevant requirements of the:
- *Work Health Safety (WHS) Regulation 2011* (in particular, Part 8)
 - *How to Safely Remove Asbestos: Code of Practice* by Safe Work Australia, 2016
 - *Managing Asbestos in or on Soil*, NSW EPA 2014

- Relevant conditions of consent relating to land contamination and remediation have been satisfied accordingly and the implementation of the development has not impacted or affected the site investigations and associated Management Plans.

99. Remediation work shall be conducted within the following hours:

Monday – Friday 7am – 5pm
 Saturday 8am – 5pm
 No work permitted on Sundays or Public Holidays

100. A sign displaying the (24 hour) contact names and telephone details of the remediation contractor (and the site manager if different to remediation contractor) as well as the Class A Licensed Asbestos Removalist shall be displayed on the site adjacent to the site access. This sign shall be displayed throughout the duration of the remediation works.

101. Any variations to the remediation strategy or, new information which is identified during remediation, demolition or construction works that has the potential to alter previous conclusions about site contamination or the remediation strategy shall be notified to the Site Auditor and Council immediately in writing.

The written concurrence of the site auditor must be obtained prior to implementing any changes to the remediation action plan, strategies or associated conditions of consent.

102. Hazardous or intractable wastes arising from the site works, excavation and remediation process must be removed and disposed of in accordance with the requirements of WorkCover NSW and the Environment Protection Authority, and with the provisions of:

- *Work Health and Safety Act 2011;*
- *The Occupational Health and Safety (Hazardous Substances) Regulation 2001;*
- *The Occupational Health and Safety (Asbestos Removal Work) Regulation 2001;*
- *Protection of the Environment Operations Act 1997 (NSW) and*
- *NSW EPA Waste Classification Guidelines (2014).*

The works must not cause any environmental pollution, public nuisance or, result in an offence under the *Protection of the Environment Operations Act 1997* or *Work Health & Safety Act 2011* and Regulations.

103. Any contaminated land must be remediated to satisfy the relevant requirements of the *Contaminated Land Management Act 1997* and the National Environment Protection (Assessment of Site Contamination) Measure (NEPM) 2013 and details of compliance are to be provided to the Site Auditor and Council from a suitably qualified Environmental Consultant upon completion of the remediation works

REQUIREMENTS DURING CONSTRUCTION & SITE WORK

The following conditions of consent must be complied with during the demolition, excavation and construction of the development.

These conditions have been applied to satisfy the relevant requirements of the *Environmental Planning & Assessment Act 1979*, *Environmental Planning & Assessment Regulation 2000* and to provide reasonable levels of public health, safety and environmental amenity during construction.

Inspections during Construction

104. The building works must be inspected by the *Principal Certifying Authority*, in accordance with sections 109 E (3) of the *Environmental Planning & Assessment Act 1979* and clause 162A of the *Environmental Planning & Assessment Regulation 2000*, to monitor compliance with the relevant standards of construction, Council's development consent and the construction certificate.

Building & Demolition Work Requirements

105. The demolition, removal, storage, handling and disposal of products and materials containing asbestos must be carried out in accordance with Randwick City Council's Asbestos Policy and the relevant requirements of SafeWork NSW and the NSW Environment Protection Authority (EPA), including:

- Work Health and Safety Act 2011;
- Work Health and Safety Regulation 2011;
- SafeWork NSW Code of Practice for the Safe Removal of Asbestos;
- Australian Standard 2601 (2001) – Demolition of Structures;
- The Protection of the Environment Operations Act 1997;
- Randwick City Council Asbestos Policy (adopted 13 September 2005).

A copy of Council's Asbestos Policy is available on Council's web site or a copy can be obtained from Council's Customer Service Centre.

Removal of Asbestos Materials

106. Any work involving the demolition, storage or disposal of asbestos products and materials must be carried out in accordance with the following requirements:

- Occupational Health & Safety legislation and WorkCover NSW requirements
- Randwick City Council's Asbestos Policy
- A WorkCover licensed demolition or asbestos removal contractor must undertake removal of more than 10m² of bonded asbestos (or as otherwise specified by WorkCover or relevant legislation). Removal of friable asbestos material must only be undertaken by contractor that holds a current friable asbestos removal licence. A copy of the relevant licence must be provided to the Principal Certifying Authority.
- On sites involving the removal of asbestos, a sign must be clearly displayed in a prominent visible position at the front of the site, containing the words 'DANGER ASBESTOS REMOVAL IN PROGRESS' and include details of the licensed contractor.
- Asbestos waste must be stored, transported and disposed of in compliance with the *Protection of the Environment Operations Act 1997* and the *Protection of the Environment Operations (Waste) Regulation 2005*. Details of the landfill site

(which must be lawfully able to receive asbestos materials) must be provided to the Principal Certifying Authority.

- A Clearance Certificate or Statement, prepared by a suitably qualified person (i.e. an occupational hygienist, licensed asbestos assessor or competent person), must be provided to Council and the Principal certifying authority upon completion of the asbestos related works which confirms that the asbestos material have been removed appropriately and the relevant conditions of consent have been satisfied.

A copy of Council's Asbestos Policy is available on Council's web site at www.randwick.nsw.gov.au in the Building & Development Section or a copy can be obtained from Council's Customer Service Centre.

Excavations, Back-filling & Retaining Walls

107. All excavations and backfilling associated with the erection or demolition of a building must be executed safely in accordance with appropriate professional standards and excavations must be properly guarded and supported to prevent them from being dangerous to life, property or buildings.

Retaining walls, shoring or piling must be provided to support land which is excavated in association with the erection or demolition of a building, to prevent the movement of soil and to support the adjacent land and buildings, if the soil conditions require it. Adequate provisions are also to be made for drainage.

Details of proposed retaining walls, shoring, piling or other measures are to be submitted to and approved by the Principal Certifying Authority.

Support of Adjoining Land

108. In accordance with section 80 A (11) of the *Environmental Planning & Assessment Act 1979* and clause 98 E of the *Environmental Planning & Assessment Regulation 2000*, it is a prescribed condition that the adjoining land and buildings located upon the adjoining land must be adequately supported at all times.

Sediment & Erosion Control

109. Sediment and erosion control measures, must be implemented throughout the site works in accordance with the manual for Managing Urban Stormwater – Soils and Construction, published by Landcom, to Council's satisfaction.

Details must be included in the Construction Site Management Plan and a copy must be provided to the Principal Certifying Authority and Council. A copy must also be maintained on site and be made available to Council officers upon request.

Dust Control

110. During demolition excavation and construction works, dust emissions must be minimised, so as not to result in a nuisance to nearby residents or result in a potential pollution incident.

Adequate dust control measures must be provided to the site prior to the works commencing and the measures and practices must be maintained throughout the demolition, excavation and construction process, to the satisfaction of Council.

Dust control measures and practices may include:-

- *Provision of geotextile fabric to all perimeter site fencing (attached on the prevailing wind side of the site fencing).*
- *Covering of stockpiles of sand, soil and excavated material with adequately secured tarpaulins or plastic sheeting.*
- *Installation of a water sprinkling system or provision hoses or the like.*
- *Regular watering-down of all loose materials and stockpiles of sand, soil and excavated material.*
- *Minimisation/relocation of stockpiles of materials, to minimise potential for disturbance by prevailing winds.*
- *Landscaping and revegetation of disturbed areas.*

Temporary Site Fencing

111. Temporary site safety fencing or site hoarding must be provided to the perimeter of the site throughout demolition, excavation and construction works, to the satisfaction of Council, in accordance with the following requirements:

- Temporary site fences or hoardings must have a height of 1.8 metres and be a cyclone wire fence (with geotextile fabric attached to the inside of the fence to provide dust control), or heavy-duty plywood sheeting (painted white), or other material approved by Council.
- Hoardings and site fencing must be designed to prevent any substance from, or in connection with, the work from falling into the public place or adjoining premises and if necessary, be provided with artificial lighting.
- All site fencing and hoardings must be structurally adequate, safe and be constructed in a professional manner and the use of poor quality materials or steel reinforcement mesh as fencing is not permissible.
- An overhead ('B' Class) type hoarding is required to be provided to protect the public (unless otherwise approved by Council) if:
 - materials are to be hoisted (i.e. via a crane or hoist) over a public footway;
 - building or demolition works are to be carried out on buildings which are over 7.5m in height and located within 3.6m of the street alignment;
 - it is necessary to prevent articles or materials from falling and causing a potential danger or hazard to the public or occupants upon adjoining land;
 - as may otherwise be required by WorkCover, Council or the PCA.

Notes:

- *Temporary site fencing may not be necessary if there is an existing adequate fence in place having a minimum height of 1.5m.*
- *If it is proposed to locate any site fencing, hoardings, amenities or articles upon any part of the footpath, nature strip or public place at any time, a separate Local Approval application must be submitted to and approved by Council's*

Health, Building & Regulatory Services before placing any fencing, hoarding or other article on the road, footpath or nature strip.

Public Safety & Site Management

112. Public safety and convenience must be maintained at all times during demolition, excavation and construction works and the following requirements must be complied with to the satisfaction of Council:

- a) Building materials, sand, soil, waste materials, construction equipment or other articles must not be placed upon the footpath, roadway or nature strip at any time.
- b) The road, footpath, vehicular crossing and nature strip must be maintained in a good, safe, clean condition and free from any excavations, obstructions, trip hazards, goods, materials, soils or debris at all times. Any damage caused to the road, footway, vehicular crossing, nature strip or any public place must be repaired immediately, to the satisfaction of Council.
- c) All building and site activities (including storage or placement of materials or waste and concrete mixing/pouring/pumping activities) must not cause or be likely to cause 'pollution' of any waters, including any stormwater drainage systems, street gutters or roadways.

Note: It is an offence under the Protection of the Environment Operations Act 1997 to cause or be likely to cause 'pollution of waters', which may result in significant penalties and fines.

- d) Access gates and doorways within site fencing, hoardings and temporary site buildings or amenities must not open outwards into the road or footway.
- e) Bulk bins/waste containers must not be located upon the footpath, roadway or nature strip at any time without the prior written approval of the Council. Applications to place a waste container in a public place can be made to Council's Health, Building and Regulatory Services department.
- f) Adequate provisions must be made to ensure pedestrian safety and traffic flow during the site works and traffic control measures are to be implemented in accordance with the relevant provisions of the Roads and Traffic Manual "Traffic Control at Work Sites" (Version 4), to the satisfaction of Council.

Site Signage

113. A sign must be erected and maintained in a prominent position on the site for the duration of the works, which contains the following details:

- name, address, contractor licence number and telephone number of the *principal contractor*, including a telephone number at which the person may be contacted outside working hours, or *owner-builder* permit details (as applicable)
- name, address and telephone number of the *Principal Certifying Authority*,
- a statement stating that "unauthorised entry to the work site is prohibited".

Restriction on Working Hours

114. Building, demolition and associated site works must be carried out in accordance with the following requirements:

Activity	Permitted working hours
All building, demolition and site work, including site deliveries (except as detailed below)	<ul style="list-style-type: none">• Monday to Friday - 7.00am to 5.00pm• Saturday - 8.00am to 5.00pm• Sunday & public holidays - No work permitted
Excavating of rock, use of jack-hammers, pile-drivers, vibratory rollers/compactors or the like	<ul style="list-style-type: none">• Monday to Friday - 8.00am to 1.00pm only• Saturday - No work permitted• Sunday & public holidays - No work permitted
Additional requirements for all development	<ul style="list-style-type: none">• Saturdays and Sundays where the preceding Friday and/or the following Monday is a public holiday - No work permitted

An application to vary the abovementioned hours may be submitted to Council's Manager Health, Building & Regulatory Services for consideration and approval to vary the specified hours may be granted in exceptional circumstances and for limited occasions (e.g. for public safety, traffic management or road safety reasons). Any applications are to be made on the standard application form and include payment of the relevant fees and supporting information. Applications must be made at least 10 days prior to the date of the proposed work and the prior written approval of Council must be obtained to vary the standard permitted working hours.

Survey Requirements

115. A Registered Surveyor's check survey certificate or other suitable documentation must be obtained at the following stage/s of construction to demonstrate compliance with the approved setbacks, levels, layout and height of the building to the satisfaction of the Principal Certifying Authority (PCA):

- prior to construction (pouring of concrete) of footings and boundary retaining structures,
- prior to construction (pouring of concrete) of each floor slab,
- upon completion of the building, prior to issuing an *Occupation Certificate*,
- as otherwise may be required by the PCA.

The survey documentation must be forwarded to the Principal Certifying Authority and a copy is to be forwarded to the Council, if the Council is not the Principal Certifying Authority for the development.

Building Encroachments

116. There must be no encroachment of any structures or building work onto Council's road reserve, footway, nature strip or public place.

Site Seepage & Stormwater

117. Details of the proposed connection and or disposal of any site seepage, groundwater or construction site stormwater to Council's stormwater drainage system must be submitted to and approved by Council's Development Engineering Coordinator, prior to commencing these works, in accordance with section 138 of the *Roads Act 1993*.

Details must include the following information:

- Site plan
- Hydraulic engineering details of the proposed disposal/connection of groundwater or site stormwater to Council/s drainage system
- Volume of water to be discharged
- Location and size of drainage pipes
- Duration, dates and time/s for the proposed works and disposal
- Details of water quality and compliance with the requirements of the *Protection of the Environment Act 1997*
- Details of associated plant and equipment, including noise levels from the plant and equipment and compliance with the requirements of the *Protection of the Environment Act 1997* and associated Regulations and Guidelines
- Copy of any required approvals and licences from other Authorities (e.g. A water licence from the Department of Planning/Department of Water & Energy).
- Details of compliance with any relevant approvals and licences

Road/Asset Opening Permit

118. Any openings within or upon the road, footpath, nature strip or in any public place (i.e. for proposed drainage works or installation of services), must be carried out in accordance with the following requirements, to the satisfaction of Council:

- a) A *Road / Asset Opening Permit* must be obtained from Council prior to carrying out any works within or upon a road, footpath, nature strip or in any public place, in accordance with section 138 of the *Roads Act 1993* and all of the conditions and requirements contained in the *Road / Asset Opening Permit* must be complied with.
- b) Council's Road / Asset Opening Officer must be notified at least 48 hours in advance of commencing any excavation works and also immediately upon completing the works (on 9399 0691 or 0409 033 921 during business hours), to enable any necessary inspections or works to be carried out.
- c) Relevant *Road / Asset Opening Permit* fees, construction fees, inspection fees and security deposits, must be paid to Council prior to commencing any works within or upon the road, footpath, nature strip or other public place,
- d) The owner/developer must ensure that all works within or upon the road reserve, footpath, nature strip or other public place are completed to the satisfaction of Council, prior to the issuing of a *final occupation certificate* or occupation of the development (whichever is sooner).
- e) Excavations and trenches must be back-filled and compacted in accordance with AUSPEC standards 306U.
- f) Excavations or trenches located upon a road or footpath are required to be provided with 50mm depth of cold-mix bitumen finish, level with the existing road/ground surface, to enable Council to readily complete the finishing works at a future date.
- g) Excavations or trenches located upon turfed areas are required to be back-filled, compacted, top-soiled and re-turfed with Kikuyu turf.
- h) The work and area must be maintained in a clean, safe and tidy condition at all times and the area must be thoroughly cleaned at the end of each days activities and upon completion.

- i) The work can only be carried out in accordance with approved hours of building work as specified in the development consent, unless the express written approval of Council has been obtained beforehand.
- j) Sediment control measures must be implemented in accordance with the conditions of development consent and soil, sand or any other material must not be allowed to enter the stormwater drainage system or cause a pollution incident.
- k) The owner/developer must have a Public Liability Insurance Policy in force, with a minimum cover of \$10 million and a copy of the insurance policy must be provided to Council prior to carrying out any works within or upon the road, footpath, nature strip or in any public place.

Roadway

- 119. If it is necessary to excavate below the level of the base of the footings of the adjoining roadways, the person acting on the consent shall ensure that the owner/s of the roadway is/are given at least seven (7) days notice of the intention to excavate below the base of the footings. The notice is to include complete details of the work.

Traffic Management

- 120. Adequate provisions must be made to ensure pedestrian safety and traffic flow during the site works and traffic control measures are to be implemented in accordance with the relevant provisions of the Roads and Traffic Manual "Traffic Control at Work Sites" (Version 4), to the satisfaction of Council.
- 121. All work, including the provision of barricades, fencing, lighting, signage and traffic control, must be carried out in accordance with the NSW Roads and Traffic Authority publication - 'Traffic Control at Work Sites' and Australian Standard AS 1742.3 – Traffic Control Devices for Works on Roads, at all times.
- 122. All conditions and requirements of the NSW Police, Roads & Maritime Services, Transport and Council must be complied with at all times.

Stormwater Drainage

- 123. Adequate provisions must be made to collect and discharge stormwater drainage during construction of the building to the satisfaction of the principal certifying authority.

The prior written approval of Council must be obtained to connect or discharge site stormwater to Council's stormwater drainage system or street gutter.

- 124. Any required dewatering must be monitored by the consulting Engineer/s to the satisfaction of the principal certifying authority and documentary evidence of compliance with the relevant conditions of consent and dewatering requirements must be provided to the principal certifying authority and the Council.

The site conditions and fluctuations in the water table are to be reviewed by the consulting Engineer prior to and during the excavation/construction process, to ensure the suitability of the excavation and dewatering process and compliance with Council's conditions of consent.

- 125. A separate written approval from Council is required to be obtained in relation to any proposed discharge of groundwater into Council's drainage system external to the site, in accordance with the requirements of Section 138 of the Roads Act 1993.

Pruning

126. Consistent with what is contained in the Supplementary 'Arborists Statement' by Tree IQ, dated 23/11/16, approval is granted for the minimal and selective pruning of T160, only where needed in order to avoid damage to the tree; or; to avoid interference with the approved works, and must not amount to more than 5% of its total crown volume.
127. This pruning work must also be consistent with the Pruning Specification that needs to be submitted separately and approved by Council in accordance with conditions 35-42 of DA/662/2016.
128. This pruning may be performed prior to the commencement of site works/demolition if needed, so as to minimize the chance of damage being caused to the tree by machinery and similar during demolition activities.
129. Pruning can only be performed by the Project Arborist, or, they must directly supervise an AQF Level III Practicing Arborist, and must be performed to the requirements of Australian Standard AS 4373-2007 'Pruning of Amenity Trees,' and NSW Work Cover Code of Practice for the Amenity Tree Industry (1998).
130. **Due to the inclusion of T160 in Council's Register of Significant Trees, the Project Arborist must contact Council's Landscape Development Officer on 9093-6613 (giving at least 2 working days-notice) to arrange a joint site meeting, prior to pruning, to confirm the exact location and extent of pruning that is permissible, with the Project Arborist to comply with any instructions issued by Council's Officer.**

Tree Removals

131. No tree removals have been approved as part of this application, with any tree removals needing to be performed only in accordance with the 'Tree Protection Plan & Specification' (condition 35 of DA/662/2016) and 'Tree Removal' (condition 43 of DA/662/2016), that are to be submitted separately to, and be approved by, Council as part of DA/662/2016

REQUIREMENTS PRIOR TO THE ISSUE OF AN OCCUPATION CERTIFICATE

The following conditions of consent must be complied with prior to the 'Principal Certifying Authority' issuing an 'Occupation Certificate'.

Note: For the purpose of this consent, any reference to 'occupation certificate' shall also be taken to mean 'interim occupation certificate' unless otherwise stated.

These conditions have been applied to satisfy the relevant requirements of the *Environmental Planning & Assessment Act 1979*, *Environmental Planning & Assessment Regulation 2000*, Council's development consent and to maintain reasonable levels of public health, safety and amenity.

Occupation Certificate Requirements

132. An Occupation Certificate must be obtained from the Principal Certifying Authority prior to any occupation of the building work encompassed in this development consent (including alterations and additions to existing buildings), in accordance with the relevant provisions of the *Environmental Planning & Assessment Act 1979*.

An Occupation Certificate must not be issued for the development if the development is inconsistent with the development consent. The relevant

requirements of the *Environmental Planning & Assessment Act 1979* and conditions of development consent must be satisfied prior to the issuing of an occupation certificate.

Fire Safety Certificates

133. Prior to issuing an interim or final Occupation Certificate, a single and complete *Fire Safety Certificate*, encompassing all of the essential fire safety measures contained in the *fire safety schedule* must be obtained and be submitted to Council, in accordance with the provisions of the *Environmental Planning and Assessment Regulation 2000*. The *Fire Safety Certificate* must be consistent with the *Fire Safety Schedule* which forms part of the Construction Certificate.

A copy of the *Fire Safety Certificate* must be displayed in the building entrance/foyer at all times and a copy must also be forwarded to Fire and Rescue NSW.

Structural Certification

134. A Certificate must be obtained from a *professional engineer*, which certifies that the building works satisfy the relevant structural requirements of the Building Code of Australia and approved design documentation, to the satisfaction of the *Principal Certifying Authority*. A copy of which is to be provided to Council with the Occupation Certificate.

Sydney Water Certification

135. A *section 73 Compliance Certificate*, under the *Sydney Water Act 1994* must be obtained from Sydney Water Corporation. An Application for a Section 73 Certificate must be made through an authorised Water Servicing Coordinator. For details, please refer to the Sydney Water web site www.sydneywater.com.au > *Building and developing* > *Developing your Land* > *Water Servicing Coordinator* or telephone 13 20 92.

Please make early contact with the Water Servicing Co-ordinator, as building of water/sewer extensions may take some time and may impact on other services and building, driveway or landscape design.

The Section 73 Certificate must be submitted to the Principal Certifying Authority and the Council prior to issuing an *Occupation Certificate* or *Subdivision Certificate*, whichever the sooner.

BASIX Requirements & Certification

136. In accordance with Clause 154B of the *Environmental Planning & Assessment Regulation 2000*, a Certifying Authority must not issue an Occupation Certificate for this development, unless it is satisfied that any relevant BASIX commitments and requirements have been satisfied.

Relevant documentary evidence of compliance with the BASIX commitments is to be forwarded to the *Principal Certifying Authority* and Council upon issuing an Occupation Certificate.

Noise Control Requirements & Certification

137. The operation of plant and equipment shall not give rise to an 'offensive noise' as defined in the *Protection of the Environment Operations Act 1997 and Regulations*.

In this regard, the operation of the plant and equipment shall not give rise to an $L_{Aeq, 15 \text{ min}}$ sound pressure level at any affected premises that exceeds the background $L_{A90, 15 \text{ min}}$ noise level, measured in the absence of the noise source/s

under consideration by more than 5dB(A) in accordance with relevant NSW Office of Environment and Heritage (EPA) Noise Control Guidelines.

138. A report must be obtained from a suitably qualified and experienced consultant in acoustics, which demonstrates and certifies that noise and vibration from any plant and equipment (e.g. mechanical ventilation systems and air-conditioners) satisfies the relevant provisions of the *Protection of the Environment Operations Act 1997*, NSW Environment Protection Authority (EPA) Noise Control Manual, Industrial Noise Policy and Council's development consent.

A copy of the report must be provided to the *Principal Certifying Authority* and Council prior to an occupation certificate being issued.

Council's Infrastructure, Vehicular Crossings & Road Openings

139. The owner/developer must meet the full cost for a Council approved contractor to:
- a) Construct a full width concrete heavy duty vehicular crossing and layback at kerb opposite the vehicular entrance to the premises in Young Street to Council's specifications and requirements.
 - b) Construct roads Young Street & DV1 along the site frontage to Council's specification and in accordance with the development consents for DA/88/2016 and DA/662/2016.
 - c) Construct proposed road ST3 & ST4 for the full site frontage to Council's specifications, requirements and in accordance with the development consents for DA/88/2016 and DA/662/2016.
 - d) Construct proposed laneway PL1 for the full site frontage to Council's specifications, requirements and in accordance with the development consents for DA/88/2016 and DA/662/2016.
 - e) Install any traffic management treatments and/or signage in the streets fronting and surrounding the development site to Council's specification.
140. Prior to issuing a final occupation certificate or occupation of the development (whichever is sooner), the owner/developer must meet the full cost for Council or a Council approved contractor to repair/replace any damaged sections of Council's footpath, kerb & gutter, nature strip etc which are due to building works being carried out at the above site. This includes the removal of cement slurry from Council's footpath and roadway.
141. All external civil work to be carried out on Council property (including the installation and repair of roads, footpaths, vehicular crossings, kerb and guttering and drainage works), must be carried out in accordance with Council's "Crossings and Entrances – Contributions Policy" and "Residents' Requests for Special Verge Crossings Policy" and the following requirements:
- a) Details of the proposed civil works to be carried out on Council land must be submitted to Council in a Civil Works Application Form. Council will respond, typically within 4 weeks, with a letter of approval outlining conditions for working on Council land, associated fees and workmanship bonds. Council will also provide details of the approved works including specifications and construction details.
 - b) Works on Council land, must not commence until the written letter of approval has been obtained from Council and heavy construction works within the property are complete. The work must be carried out in accordance with the conditions of development consent, Council's conditions for working

on Council land, design details and payment of the fees and bonds outlined in the letter of approval.

- c) The civil works must be completed in accordance with the above, prior to the issuing of an occupation certificate for the development, or as otherwise approved by Council in writing.

Service Authorities Sydney Water

- 142. A compliance certificate must be obtained from Sydney Water, under Section 73 of the Sydney Water Act 1994. Sydney Water's assessment will determine the availability of water and sewer services, which may require extension, adjustment or connection to their mains, and if required, will issue a Notice of Requirements letter detailing all requirements that must be met. Applications can be made either directly to Sydney Water or through a Sydney Water accredited Water Servicing Coordinator (WSC).

Go to sydneywater.com.au/section73 or call 1300 082 746 to learn more about applying through an authorised WSC or Sydney Water.

The Section 73 Certificate must be submitted to the Principal Certifying Authority and the Council **prior to issuing an Occupation Certificate or Subdivision Certificate.**

Undergrounding of Power

- 143. All telecommunication cables and power cables located in Young Street and proposed roads ST3, ST4 DV1 and PL1 (fronting the development sites) must be located underground. The applicant shall meet the full cost for all required undergrounding of power and telecommunication cables. The applicant shall liaise directly with the relevant service utility authorities to organise for the cables to be relocated. All cables must be relocated underground to the satisfaction of the relevant service utility authority prior to the issuing of an occupation certificate for the development.

Stormwater Drainage

- 144. A "restriction on the use of land" and "positive covenant" (under section 88E of the Conveyancing Act 1919) shall be placed on the title of the subject property to ensure that the onsite detention/infiltration system is maintained and that no works which could affect the design function of the detention/infiltration system are undertaken without the prior consent (in writing) from Council. Such restriction and positive covenant shall not be released, varied or modified without the consent of the Council.

Notes:

- a. The "restriction on the use of land" and "positive covenant" are to be to the satisfaction of Council. A copy of Council's standard wording/layout for the restriction and positive covenant may be obtained from Council's Development Engineer.
 - a. The works as executed drainage plan and hydraulic certification must be submitted to Council prior to the "restriction on the use of land" and "positive covenant" being executed by Council.
- 145. A works-as-executed drainage plan prepared by a registered surveyor and approved by a suitably qualified and experienced hydraulic consultant/engineer must be forwarded to the Principal Certifying Authority and the Council. The works-as-executed plan must include the following details (as applicable):

- The location of any detention basin/s with finished surface levels;
 - Finished site contours at 0.2 metre intervals;
 - Volume of storage available in any detention areas;
 - The location, diameter, gradient and material (i.e. PVC, RC etc) of all stormwater pipes;
 - The orifice size/s (if applicable);
 - Details of any infiltration/absorption systems; and
 - Details of any pumping systems installed (including wet well volumes).
146. The applicant shall submit to the Principal Certifying Authority (PCA) and Council, certification from a suitably qualified and experienced Hydraulic Engineer, which confirms that the design and construction of the stormwater drainage system complies with the Building Code of Australia, Australian Standard AS3500.3:2003 (Plumbing & Drainage- Stormwater Drainage) and conditions of this development consent.

The certification must be provided following inspection/s of the site stormwater drainage system by the Hydraulic Engineers to the satisfaction of the PCA.

147. The applicant shall submit to the Principal Certifying Authority (PCA) and Council certification from a suitably qualified and experienced professional engineer, confirming that the walls of the basements have been fully tanked and waterproofed to prevent the entry of all groundwater in the basement level/s and that any required sub-soil drainage systems have been provided in accordance with the conditions of this consent. There must be no dry weather seepage/groundwater flows discharging to Council's street gutter or underground drainage system.

Landscaping

148. Prior to issuing any type of Occupation Certificate, certification from a qualified professional in the landscape/horticultural industry must be submitted to, and be approved by, the PCA, confirming the date that the completed landscaping was inspected, and that it has been installed substantially in accordance with Landscape Masterplan & Landscape Plans by Arcadia, dwg's 001-501, Issue C, dated Nov 2016, and Amended Landscape Masterplan & Softworks Plans for S3, by Arcadia, dwg 100-203, Issue A, dated Jan 2018, along with any other relevant conditions of consent.
149. Suitable strategies must also be implemented to ensure that the landscaping is maintained in a healthy and vigorous state until maturity, for the life of the development.

Site Arborist Certification

150. Prior to the issue of any Occupation Certificate, the Project Arborist must submit to, and have approved by, the PCA, a Final Compliance Report which confirms compliance with the conditions of consent, the Tree Protection Plan & Pruning Specification; the dates of attendance and works performed/supervised relating to retention of T160.

Waste Management

151. Operational Waste Management provisions for the development within Lot S1 shall be implemented in accordance with the Waste Management Plan for Lot S1 submitted with the development application (Prepared by Elephants Foot Revision B dated 6/10/2016), subject to any amendments required by Council's Waste Management Coordinator.

152. Operational Waste Management provisions for the development within Lot S2 shall be implemented in accordance with the Waste Management Plan submitted with the development application (Prepared by Elephants Foot Recycling Solutions Revision B dated 5/10/2016), subject to any amendments required by Council's Waste Management Coordinator.
153. Operational Waste Management provisions for the development within Lot S3 must be implemented in accordance with the Waste Management Plan submitted with the development application (Prepared by Elephants Foot Recycling Solutions Revision D dated 14/08/2017), subject to any amendments required by Council's Waste Management Coordinator.
154. Prior to the occupation of the development, the owner or applicant is required to contact Council's City Services department, to make the necessary arrangements for the provision of waste services for the development.
155. The waste storage areas shall be clearly signposted.

Road Dedication

156. The splay corners shall be dedicated as public road in accordance with the conditions of this consent prior to the issuing of a final occupation certificate.
157. The waste storage areas shall be clearly signposted.

Operational Requirements

158. A *Strata Parking Management Plan* must be developed and implemented for the development, which includes strategies and measures to 'self-manage' resident and visitor parking within the development.

Strategies and measures may include:

- Adoption of parking by-laws;
- Installation of suitable barriers, bollards, low-height fencing and gates;
- Installation of signage and notices;
- Intercom or key card systems;
- Security systems and security personnel;
- Enforcement processes and provisions to be implemented by the Owners Corporation/Strata Management

OPERATIONAL CONDITIONS

The following operational conditions must be complied with at all times, throughout the use and operation of the development.

These conditions have been applied to satisfy the relevant requirements of the *Environmental Planning & Assessment Act 1979*, *Environmental Planning & Assessment Regulation 2000*, Council's development consent and to maintain reasonable levels of public health and environmental amenity.

Stormwater Detention/Infiltration System

159. The detention area/infiltration system must be regularly cleaned and maintained to ensure it functions as required by the design.

Residential Parking Permits

160. All prospective owners and tenants of the building must be notified that Council will not issue any residential parking permits to occupants/tenants of this development.

161. A notice shall be placed in the foyer/common areas of the building advising tenants/occupiers that they are in a building which does not qualify for on-street resident parking permits.

Fire Safety Statements

162. A single and complete *Fire Safety Statement* (encompassing all of the fire safety measures upon the premises) must be provided to the Council in accordance with the requirements of the *Environmental Planning & Assessment Regulation 2000*.

The *Fire Safety Statement* must be provided on an annual basis each year following the issue of the *Fire Safety Certificate*, and other period if any of the fire safety measures are identified as a *critical fire safety measure* in the *Fire Safety Schedule*.

The *Fire Safety Statement* is required to confirm that all the fire safety measures have been assessed by a properly qualified person and are operating in accordance with the standards of performance specified in the *Fire Safety Schedule*.

A copy of the *Fire Safety Statement* must be displayed in the building entrance/foyer at all times and a copy must also be forwarded to Fire & Rescue NSW.

163. Street numbering must be provided to the front of the premises in a prominent position, in accordance with the Australia Post guidelines and AS/NZS 4819 (2003) to the satisfaction of Council.

In this regard, an Application must be submitted to and approved by Council's Director of City Planning, together with the required fee, for the allocation of appropriate street and unit numbers for the development.

Environmental Amenity

164. External lighting to the premises must be designed and located so as to minimise light-spill beyond the property boundary or cause a public nuisance.
165. Any requirements contained within an Environmental Management Plan (EMP) which forms part of the Site Audit Statement and Site Audit Report, form part of this consent and must be implemented accordingly.
166. The proposed use of the premises and the operation of all plant and equipment shall not give rise to an 'offensive noise' as defined in the Protection of the Environment Operations Act 1997 and Regulations.

In this regard, the operation of the premises and plant and equipment shall not give rise to a sound pressure level at any affected premises that exceeds the background (LA90), 15 min noise level, measured in the absence of the noise source/s under consideration by more than 5dB(A). The source noise level shall be assessed as an LAeq, 15 min and adjusted in accordance with the NSW Environmental Protection Authority's Industrial Noise Policy 2000 and Environmental Noise Control Manual (sleep disturbance).

GENERAL ADVISORY NOTES

The following information is provided for your assistance to ensure compliance with the *Environmental Planning & Assessment Act 1979*, *Environmental Planning & Assessment Regulation 2000*, or other relevant legislation and requirements. This information does not form part of the conditions of development consent pursuant to Section 80A of the Act.

A1 In keeping with the NSW EPA Auditor Guidelines, upon the completion of all Site Audit Statements being issued for the staged development, one overarching site audit statement is to be issued for the entire development site.

A2 The requirements and provisions of the *Environmental Planning & Assessment Act 1979* and *Environmental Planning & Assessment Regulation 2000*, must be fully complied with at all times.

Failure to comply with these requirements is an offence, which renders the responsible person liable to a maximum penalty of \$1.1 million. Alternatively, Council may issue a penalty infringement notice (for up to \$6,000) for each offence. Council may also issue notices and orders to demolish unauthorised or non-complying building work, or to comply with the requirements of Council's development consent.

A3 In accordance with the requirements of the *Environmental Planning & Assessment Act 1979*, building works, including associated demolition and excavation works (as applicable) must not be commenced until:

- A *Construction Certificate* has been obtained from an Accredited Certifier or Council,
- An Accredited Certifier or Council has been appointed as the *Principal Certifying Authority* for the development,
- Council and the Principal Certifying Authority have been given at least 2 days notice (in writing) prior to commencing any works.

A4 Council's Building Certification & Fire Safety team can issue your *Construction Certificate* and be your *Principal Certifying Authority* for the development, to undertake inspections and ensure compliance with the development consent, relevant building regulations and standards of construction. For further details contact Council on 9399 0944.

A5 This determination does not include an assessment of the proposed works under the Building Code of Australia (BCA), Disability (Access to Premises – Buildings) Standards 2010 and other relevant Standards. All new building work (including alterations and additions) must comply with the BCA and relevant Standards. You are advised to liaise with your architect, engineer and building consultant prior to lodgement of your construction certificate.

A6 Any proposed amendments to the design and construction of the building may require a new development application or a section 96 amendment to the existing consent to be obtained from Council, before carrying out such works

A7 A Local Approval application must be submitted to and be approved by Council prior to commencing any of the following activities on a footpath, road, nature strip or in any public place:-

- Install or erect any site fencing, hoardings or site structures
- Operate a crane or hoist goods or materials over a footpath or road
- Placement of a waste skip or any other container or article.

For further information please contact Council on 9399 0944.

A8 Specific details of the location of the building/s should be provided in the Construction Certificate to demonstrate that the proposed building work will not encroach onto the adjoining properties, Council's road reserve or any public place.

A9 This consent does not authorise any trespass or encroachment upon any adjoining or supported land or building whether private or public. Where any underpinning, shoring, soil anchoring (temporary or permanent) or the like is proposed to be carried out upon any adjoining or supported land, the land owner or principal contractor must obtain:

- the consent of the owners of such adjoining or supported land to trespass or encroach, or
- an access order under the *Access to Neighbouring Land Act 2000*, or
- an easement under section 88K of the *Conveyancing Act 1919*, or
- an easement under section 40 of the *Land & Environment Court Act 1979*, as appropriate.

Section 177 of the *Conveyancing Act 1919* creates a statutory duty of care in relation to support of land. Accordingly, a person has a duty of care not to do anything on or in relation to land being developed (the supporting land) that removes the support provided by the supporting land to any other adjoining land (the supported land).

A10 External paths and ground surfaces are to be constructed at appropriate levels and be graded and drained away from the building and adjoining premises, so as not to result in the entry of water into the building, or cause a nuisance or damage to any adjoining land.

Finished ground levels external to the building are to be consistent with the development consent and are not to be raised, other than for the provision of approved paving or the like on the ground.

A11 Prior to commencing any works, the owner/builder should contact *Dial Before You Dig* on 1100 or www.dialbeforeyoudig.com.au and relevant Service Authorities, for information on potential underground pipes and cables within the vicinity of the development site.

A12 The necessary development consent and a construction certificate or a complying development certificate (as applicable) must be obtained for proposed external plant and equipment, if not included in this consent.

A13 An application must be submitted to an approved by Council prior to the installation and operation of any proposed greywater or wastewater treatment systems, in accordance with the *Local Government Act 1993*.

Greywater/Wastewater treatment systems must comply with the relevant requirements and guidelines produced by NSW Health, NSW Office of Environment and Heritage and other relevant regulatory requirements.

A14 Underground assets may exist in the area that is subject to your application. In the interests of health and safety and in order to protect damage to third party assets please contact Dial before you dig at www.1100.com.au or telephone on 1100 before excavating or erecting structures (This is the law in NSW). If alterations are required to the configuration, size, form or design of the development upon contacting the Dial before You Dig service, an amendment to the development consent (or a new development application) may be necessary. Individuals owe asset owners a duty of care that must be observed when working in the vicinity of

plant or assets. It is the individual's responsibility to anticipate and request the nominal location of plant or assets on the relevant property via contacting the Dial before you dig service in advance of any construction or planning activities.

- A15 The applicant is to advise Council in writing and/or photographs of any signs of existing damage to the Council roadway, footway, or verge prior to the commencement of any building/demolition works.

- A16 Further information and details on Council's requirements for trees on development sites can be obtained from the recently adopted Tree Technical Manual, which can be downloaded from Council's website at the following link, <http://www.randwick.nsw.gov.au> - Looking after our environment – Trees – Tree Management Technical Manual; which aims to achieve consistency of approach and compliance with appropriate standards and best practice guidelines.

- A17 Air conditioning plant and equipment shall not be operated during the following hours if the noise emitted can be heard within a habitable room in any other residential premises, or, as otherwise specified in relevant Noise Control Regulations:

- before 8.00am or after 10.00pm on any Saturday, Sunday or public holiday; or
- before 7.00am or after 10.00pm on any other day.

- A15 Underground assets may exist in the area that is subject to your application. In the interests of health and safety and in order to protect damage to third party assets please contact Dial before you dig at www.1100.com.au or telephone on 1100 before excavating or erecting structures (This is the law in NSW). If alterations are required to the configuration, size, form or design of the development upon contacting the Dial before You Dig service, an amendment to the development consent (or a new development application) may be necessary. Individuals owe asset owners a duty of care that must be observed when working in the vicinity of plant or assets. It is the individual's responsibility to anticipate and request the nominal location of plant or assets on the relevant property via contacting the Dial before you dig service in advance of any construction or planning activities.

The applicant is to advise Council in writing and/or photographs of any signs of existing damage to the Council roadway, footway, or verge prior to the commencement of any building/demolition works.

Further information and details on Council's requirements for trees on development sites can be obtained from the recently adopted Tree Technical Manual, which can be downloaded from Council's website at the following link, <http://www.randwick.nsw.gov.au> - Looking after our environment – Trees – Tree Management Technical Manual; which aims to achieve consistency of approach and compliance with appropriate standards and best practice guidelines.