

## Development Consent Conditions (Medium density residential)



<b>Folder /DA No:</b>	DA/553/2017
<b>Property:</b>	8 Clyde Street, Randwick
<b>Proposal:</b>	Demolition of all structures on site and construction of a part 3 and part 4 storey residential flat building comprising 7 dwelling and basement parking for 10 cars with associated site and landscaping works
<b>Recommendation:</b>	Approval

### Development Consent 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

- 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:

<b>Plan</b>	<b>Drawn by</b>	<b>Dated</b>
DA 2000 (B) Revision B	MHNDUNION	8 March 2018
DA 2001 (B) Revision B		
DA 2002 (B) Revision B		
DA 2003 (B) Revision B		
DA 2004 (B) Revision B		
DA 2005 (B) Revision B		
DA 2400 (B) Revision B		
DA 2401 (B) Revision B		
DA 2402 (B) Revision B		
DA 2500 (B) Revision B		
DA 2501 (B) Revision B		

<b>BASIX Certificate No.</b>	<b>Dated</b>
844974M_03	8 March 2018

#### Amendment of Plans & Documentation

- The approved plans and documents must be amended in accordance with the following requirements:

- a) The proposed privacy screens to the east and west facing bedroom and living room windows on Levels 1, 2, 3 and 4, and to the sides of the balconies off Units 1, 2, 5, and 6 shall be replaced with the new privacy screens having a height of 1.6m (measured above finished floor levels) and must be constructed with either:
  - Fixed lattice/slats with individual openings not more than 30mm wide;
  - Fixed vertical or horizontal louvres with the individual blades angled and spaced appropriately to prevent overlooking into the private open space or windows of the adjacent dwellings.
- b) The south-facing balcony awnings to Unit 5 on Level 3 and Unit 6 on Level 4 shall be reduced to a maximum depth of 0.5m.
- c) The privacy screen to the eastern side of the common circulation area on Level 3 shall be deleted.

### **Rooftop Landscaping**

3. The Landscape - Site Plan & Detail Plan by Melissa Wilson Landscape Architects, sheets 1-2, issue D, dated 08/03/18 and stamped by Council 09/03/18, must be amended to ensure that the mature height of the non-trafficable rooftop planting will not exceed 400mm above the finished height of the parapet, with amended Landscape Plans to be submitted and be approved by, the Certifying Authority/PCA, showing that both Dianella 'Little Jess' (Flax Lily) & Goodenia ovata (Hop Goodenia) have been replaced with other smaller alternative native species that comply with this 400mm threshold.

### **Relocation of Common Access Stair**

4. The access stair to Level 3 along the eastern property boundary shall be relocated further west, starting at Level 2 below. The landscaping to the west of the stairs on Level 2 shall be relocated to the eastern side of the stair and appropriate screen planting must be provided along the eastern side of the staircase and appropriate planting must be provided along the eastern side of the staircase. Revised drawings shall be submitted to and approved by Council's Manager Development Assessment for approval prior to the issue of a Construction Certificate.

### **Non-Trafficable Roofs**

5. The non-trafficable roofs may only be accessed for maintenance purposes and shall remain free of structures such as mechanical plant and equipment, balustrades and the like.

### **Visitor Entry**

6. Visitor entry to all units and internal common areas shall be controlled by intercom and remote locking systems.

### **Lighting**

7. Adequate lighting for personal safety shall be provided in all common and access areas.

### **Traffic Lights / Signals**

8. Details of the design for the traffic lights / signals for vehicles entering and existing the site are to be submitted to and approved by Council's Manager Development Assessment prior to the issue of a Construction Certificate.

### **Use of Plant Rooms**

9. All plant associated rooms on Level 1 must only be used for the purposes specified in the development consent and must not be occupied for separate residential accommodation.

#### **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 Randwick City Council or an Accredited Certifier. 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**

10. The requirements and amendments detailed in the 'General Conditions' must be complied with and be included in the construction certificate plans and associated documentation.

#### **External Colours, Materials & Finishes**

11. The colours, materials and finishes of the external surfaces to the building are to be compatible with the adjacent development to maintain the integrity and amenity of the building and the streetscape.

Details of the proposed colours, materials and textures (i.e. a schedule and brochure/s or sample board) are to be submitted to and approved by Council's Director of City Planning, in accordance with section 80A (2) of the *Environmental Planning & Assessment Act 1979* prior to a construction certificate being issued for the relevant building works.

#### **Section 7.12 Development Contributions**

12. In accordance with Council's Development Contributions Plan effective from 21 April 2015, based on the development cost of \$2,874,321 the following applicable monetary levy must be paid to Council: \$28,858.17.

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 9093 6999 or 1300 722 542 for the indexed contribution amount prior to payment.

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

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

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 Development Contribution Plans may be inspected at the Customer Service Centre, Administrative Centre, 30 Frances Street, Randwick or at [www.randwick.nsw.gov.au](http://www.randwick.nsw.gov.au).

### **Compliance Fee**

13. A development compliance and enforcement fee of \$10,040.30 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**

14. 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 6.8 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 Deposits**

15. The following security deposits requirement must be complied with prior to a construction certificate being issued for the development, as security for making good any damage caused to Council's assets and infrastructure; and as security for completing any public work; and for remedying any defect on such public works, in accordance with section 4.17 of the *Environmental Planning and Assessment Act 1979*:

- \$3,000.00 - Damage / Civil Works Security Deposit

The security deposits 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 works which confirms that there has been no damage to Council's assets and infrastructure.

The developer/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 and other assets 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 Development Engineer upon issuing of an occupation certificate or completion of the civil works.

### **Sydney Water Requirements**

16. 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 Sydney Water [Tap in™](#) online service replaces the Quick Check Agents as of 30 November 2015*

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™** in online service is available at:  
<https://www.sydneywater.com.au/SW/plumbing-building-developing/building/sydney-water-tap-in/index.htm>

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**

17. In order to ensure retention of the *Lophostemon confertus* (Brush Box, T12) that is located beyond the southwest site corner, within 10 Clyde Street; the *Jacaranda mimosifolia* (Jacaranda, T19) beyond the western boundary, within 9 Pitt Street; T20-25, 27-28, which are located wholly within no.9, 7, 5 & 3 Pitt Street; the *Brachychiton acerifolius* (Flame Tree, T30), in the rear setback of the subject site, next to the western boundary, in the upper, most northern terrace; the *Ficus rubiginosa* (Port Jackson Fig, T31), right in the northwest site corner, and then the *Lagerstroemia indica* (Crepe Myrtle, T40), beyond the northeast corner of the existing subject dwelling, wholly within 4-6 Clyde Street in good health, the following measures are to be undertaken:
- a) All documentation submitted for the Construction Certificate application must show the retention of these trees, with the position and diameter of both their trunks and canopies/crowns to be clearly and accurately shown on all plans in relation to the works.
  - b) Prior to the commencement of any site works, the Certifying Authority/PCA must ensure that an AQF Level 5 Arborist (who is eligible for membership with a nationally recognized organization/association) has been engaged as 'the Project Arborist' for the duration of works, and will be responsible for both implementing and monitoring the conditions of development consent and recommendations of the Arboricultural Method Statement, as well as any other instructions issued on-site by Council.
  - c) 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 Final Occupation Certificate.
  - d) The recommendations contained in **Section 4 of the Amended Arboricultural Impact Appraisal and Method Statement by Naturally Trees, dated 09/03/18 ("the Arborists Report")**, must be complied with at all times.
  - e) In the event of any discrepancy between the Arborist Report and the conditions of consent, the Project Arborist must contact Council's Landscape Development Officer on 9093-6613 to reach agreement on the outcome before proceeding further with any works.

- f) Any excavations associated with the installation of new services, pipes, stormwater systems; as well as for the removal/demolition of existing surfacing, walls, stairs/steps, fences or similar structures within the subject site, within any of their TPZ's (as listed in Appendix 2, Tree Schedule, of the Arborist Report), can only be performed under the direct supervision of the Project Arborist.
- g) The Project Arborist must determine if existing surfaces or structures within the subject site or on common boundaries need to be retained in-situ during works, until such time as landscaping or other approved works are being installed, so as to assist with maintaining stability of the trees, preventing ground compaction, root damage or similar.
- h) **All excavations and works associated with providing a new pit over the existing drainage line that intersects 9 Pitt Street and the subject site, directly beneath T19, must be offset a minimum distance of 4m from its trunk, with the Certifying Authority/PCA to ensure that all hydraulic and 'for construction' plans demonstrate compliance with this requirement, as has also been required by the 'Stormwater Drainage & Flood Management' condition later in this report.**
- i) The footprint of the Basement Level must be consistent with what is shown on the **Ground Floor Plan, dwg DA 2000**, with the footprint of the above ground parts of the building to be consistent with the offsets that are shown from each of the sites boundaries, as per the **Level 4 Plan, dwg DA 2004**.
- j) The suspended steel mesh terraces shown within the subject site, adjacent T12, T19 & T30, must be installed above existing ground levels, and are to be supported on localised pad footings only, with construction details confirming compliance to be provided.
- k) All initial excavations associated with footings for the suspended steel mesh terraces, new walls, stone paving, fences or similar structures, within any of their TPZ's, can only be performed under the direct supervision of the Project Arborist, with evidence of attendance/compliance to be provided in the Final Certification Report.
- l) Where major roots with a diameter of 50mm or more are encountered, they must be retained in-situ, with a flexible system such as cantilevered/pier and beam type footings to be used for these areas.
- m) The Construction Certificate plans must acknowledge (through the inclusion of relevant construction notes and details) that the findings of hand dug excavations specified in point 'k' above may result in the need to alter the footing design away from their intended locations. A suitably qualified engineer must submit details for the approval of the PCA, prior to installing any footings.
- n) In the case where the pruning of major roots with a diameter of more than 50mm is sought, then Council's Landscape Development Officer (9093-6613) must firstly be contacted, prior to proceeding further with any works, and giving at least 2 working days-notice, to arrange a joint site inspection with the Project Arborist, who must comply with any instructions issued by Council.
- o) Where minor roots with a diameter of less than 50mm are found which are in direct conflict with the works, and the Project Arborist gives permission for

their pruning, they may be cut cleanly by hand, with the affected area to be backfilled with clean site soil as soon as practically possible.

- p) **T30-31** must be physically protected by the installation of 1.8 metre high steel mesh/chainwire fencing, across the full width of the site, to the extent that is shown on the Tree Management Plan, dwg TMP01 of the Arborist Report, in order to completely exclude them for the duration of works.
- q) **T12, 19-25, 27-28 & 40** must also have ground protection installed, in accordance with what is shown at Appendix 5 of the Arborist Report, and to the extent that is shown on the Tree Management Plan, dwg TMP01.
- r) This protection must be installed prior to the commencement of demolition and construction works and shall remain in place until all works are completed, to which, signage containing the following words shall be clearly displayed and permanently attached: "TREE PROTECTION ZONE (TPZ), DO NOT REMOVE/ENTER".
- s) In order to prevent soil/sediment being washed over their root systems, erosion control measures must be provided at ground level around the perimeter of their TPZ's.
- t) If additional trunk or branch protection is required, this can be provided by way of wrapping layers of geo-textile, underfelt or Hessian around affected areas, to which lengths of evenly spaced hardwood timbers shall be placed around their circumference, and are then to be secured by 8 gauge wires or steel strapping at 300mm spacing. NO nailing to the trunk.
- u) Ground levels within their TPZ must not be altered by more than 200mm, as is noted on the rev D Landscape Plans, and rev B architectural plans, and other than the approved works, there must be no other structures such as continuous strip footings, planter boxes or similar to be located in these areas, which must remain as undisturbed, deep soil.
- v) Within their TPZ's, there is to be no storage of materials, machinery or site office/sheds, nor is cement to be mixed or chemicals spilt/disposed of and no stockpiling of soil or rubble, with all Site Management Plans needing to acknowledge these requirements.
- w) The PCA must ensure compliance with all of these requirements, both on the plans as well as on-site during the course of construction, and prior to issuing any type of Occupation 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**

18. In accordance with section 4.17 (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).

19. 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**

20. In accordance with section 4.17 (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**

21. 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 the adjoining premises (including any public roadway or public place) and details must be provided to the *Certifying Authority*.

#### **Traffic Conditions**

22. 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 AS2890.1:2004. The Construction Certificate plans must demonstrate compliance with these requirements.



### **Design Alignment Levels**

23. The design alignment level (the finished level of concrete, paving or the like) at the property boundary for driveways, access ramps and pathways or the like, shall be:

- **Match the back of the existing footpath along the full site frontage.**

The design alignment levels at the property boundary as issued by Council and their relationship to the roadway/kerb/footpath 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 Engineer on 9093-6881.

24. The above alignment levels and the site inspection by Council's Development Engineering Section have been issued at a prescribed fee of \$(Amount) calculated at \$57.00 (inclusive of GST) per metre of site frontage. This amount is to be paid prior to a construction certificate being issued for the development.
25. The gradient of the internal access driveway must be designed and constructed in accordance with AS 2890.1 (2004) – Off Street Car Parking and the levels of the driveway must match the alignment levels at the property boundary (as specified by Council). Details of compliance are to be included in the construction certificate.

The height of the building must not be increased to satisfy the required driveway gradients.

### **Stormwater Drainage & Flood Management**

26. The floor level of all habitable areas (excluding those in the basement carpark) shall be at a minimum of 150mm above finished ground level along the western portion of the building or be suitably waterproofed up to this same level. Details demonstrating compliance with this condition are to be included in the construction certificate documentation.
27. Windows, vents and other openings into the basement carpark (excluding the driveway opening) are to be located a minimum of 150 mm above surrounding ground level. Details demonstrating compliance with this condition are to be included in the construction certificate documentation.
28. Provision for a minor overland flow must be catered for along the western side of the development.
29. No part of the basement/ground floor structure shall encroach into the 2.44m wide Council drainage easement located within the property. Plans submitted for the construction certificate must demonstrate compliance with this requirement.
30. A new drainage pit is to be constructed over the existing Council drainage line a minimum of **4m from the trunk of the existing Jacaranda tree in the neighbouring property to the west (T19 on Landscape & Architectural plans)**, and the existing 1.2m diameter Council drainage line downstream from this point (i.e. where Level 1 overhangs the 2.44m wide drainage Easement) shall be upgraded in its current position so it is sized for the critical 1% AEP (1 in 100 yr) storm event. The upgrade shall continue to the next pit downstream which shall also be upgrade to cater for surcharge events, as required.
31. The applicant must submit to Council for approval and have approved "for construction" plans to be prepared by a suitably qualified hydraulic engineer for the

upgrade of the Council controlled pipeline & pits within the Council Drainage Easement. The plans must also include a detailed specification which must be prepared in consultation with Council's Development Engineering Coordinator. All works associated with reconstruction of the Council pipeline 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. All costs associated with reconstruction of the Council pipeline shall be met by the applicant.

- 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 drainage works.

32. The Site 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 e.g. the nature of the soil in the site and/or the presence of rock etc.

33. 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) either:
- i. Directly to the kerb and gutter in front of the subject site in Clyde Street street; or
  - ii. Directly into Council's underground drainage system located within the site via a new and/or existing drainage pit; or
  - iii. To a suitably designed infiltration system (subject to confirmation in a full geotechnical investigation that the ground conditions are suitable for the infiltration system),

NOTES:

- Infiltration will not be appropriate if the site is subject to rock and/or a water table within 2 metres of the base of the proposed infiltration area, or the ground conditions comprise low permeability soils such as clay.
- If the owner/applicant is able to demonstrate to Council that he/she has been unable to procure a private drainage easement through adjoining premises and the ground conditions preclude the use of an infiltration system, a pump-out system may be permitted to drain the portion of the site that cannot be discharged by gravity to Council's street drainage system in front of the property.

- c) Should stormwater be discharged to Council's underground drainage system or street gutter, 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 **5% AEP (1 in 20 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) Should stormwater be discharged to an infiltration system the following requirements must be met;
- i. Infiltration systems/Absorption Trenches must be designed and constructed generally in accordance with Randwick City Council's Private Stormwater Code.
  - ii. The infiltration area shall be sized for all storm events up to the 5% AEP (1 in 20 year) storm event with provision for a formal overland flow path to Council's Street drainage system.

Should no formal overland escape route be provided for storms greater than the 5% AEP (1 in 20yr) design storm, the infiltration system shall be sized for the 1% AEP (1 in 100yr) storm event.

- iii. Infiltration areas must be a minimum of 3.0 metres from any structure (Note: this setback requirement may not be necessary if a structural engineer or other suitably qualified person certifies that the infiltration area will not adversely affect the structure)
  - iv. Infiltration areas must be a minimum of 2.1 metres from any site boundary unless the boundary is common to Council land (eg. a road, laneway or reserve).
- e) 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.

- f) 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.

- 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) 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.
- i) 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:

- The base of the pit being located a minimum 300mm under the invert level of the outlet pipe.
- The pit being constructed from cast in-situ concrete, precast concrete or double brick.
- 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.
- A galvanised heavy-duty screen being provided over the outlet pipe/s (Mascot GMS multipurpose filter screen or equivalent).

- The grate being a galvanised heavy-duty grate that has a provision for a child proof fastening system.
- A child proof and corrosion resistant fastening system being provided for the access grate (e.g. spring loaded j-bolts or similar).
- 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.*

- j) 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).*

- k) 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):
- 150mm in uncovered open car parking areas (with an isolated maximum depth of 200mm permissible at the low point pit within the detention area)
  - 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)
  - 600mm in landscaped areas where the side slopes of the detention area have a maximum grade of 1 in 10
  - 1200mm in landscaped areas where a safety fence is provided around the outside of the detention area
  - 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.*

- l) A childproof and corrosion resistant fastening system shall be installed on access grates over pits/trenches where water is permitted to be temporarily stored.
- m) A 'V' drain (or equally effective provisions) are to be provided to the perimeter of the property, where necessary, to direct all stormwater to the detention/infiltration area.
- n) Mulch or bark is not to be used in on-site detention areas.
- o) 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.

- p) Seepage/ground water is required to be drained and disposed of within the site and must not be drained to Council's street gutter (see site seepage/groundwater conditions).
- q) Any onsite detention/infiltration systems shall be located in areas accessible by residents of all units.

#### **Site seepage & Groundwater**

34. The development must comply with the following requirements to ensure the adequate management of site seepage and sub-soil drainage:

- a) Seepage/Ground Water & Sub-soil drainage must not be connected or discharged directly or indirectly to Council's street gutter.
- b) Adequate provision is to be made for the ground/seepage water to drain around the basement carpark (to ensure the basement will not dam or slow the movement of the ground water through the development site).
- c) Sub-soil drainage systems (if provided) must comply with one or more of the following requirements:-
  - i. The system may be connected directly to Council's underground drainage system (but only with the prior written approval of Council, as required under the *Roads Act 1993*).
  - ii. Any sub-soil drainage systems must be restricted from entering the basement areas of the building and the stormwater drainage system, by tanking/waterproofing the basement areas of the building.
  - iii. Sub-soil drainage systems may discharge via infiltration subject to the hydraulic consultant/engineer being satisfied that the site and soil conditions are suitable and the seepage is able to be fully managed within the site, without causing a nuisance to any premises and ensuring that it does not drain or discharge (directly or indirectly) to the street gutter.
- d) Details of the proposed stormwater drainage system including methods of sub-soil drainage, tanking/waterproofing (as applicable) must be prepared or approved by a suitably qualified and experienced *Professional Engineer* to the satisfaction of the Certifying Authority and details are to be included in the construction certificate. **A copy of the proposed method for tanking the basement levels must be forwarded to Council if Council is not the Certifying Authority**

#### **Waste Management**

35. The submitted Waste Management plans has not been approved as part of this development consent. An amended Waste Management Plan detailing the waste and recycling storage and removal strategy for all of the development, is required to be submitted to and approved by Council's Director of City Planning.

The Waste Management plan is required to be prepared in accordance with Council's Waste Management Guidelines for Proposed Development and must include the following details (as applicable):

- The number of 240L recycling bins must be increased to a minimum of 4 to reflect Council's fortnightly collection for recycling.
- The use of the premises and the number and size of occupancies.
- The type and quantity of waste to be generated by the development.
- Demolition and construction waste, including materials to be re-used or recycled.
- Details of the proposed recycling and waste disposal contractors.
- Waste storage facilities and equipment.
- Access and traffic arrangements.
- The procedures and arrangements for on-going waste management including collection, storage and removal of waste and recycling of materials.

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

36. A bin presentation area for a maximum of 8 x 40L bins must be provided within the site along the side of the access with the edge of the presentation area to be within 2m of the front property boundary on Clyde Street.
37. The garbage room within the basement shall be sized to contain a total of 10 x 240 litre bins (comprising 4 garbage bins, 4 recycle bins & 2 green waste) and with adequate provisions for access to all bins. Details showing compliance are to be included in the construction certificate.
38. 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**

39. The Certifying Authority/PCA must ensure that the Landscape Plans submitted as part of the approved Construction Certificate are substantially consistent with the Landscape – Site Plan & Detail Plan by Melissa Wilson Landscape Architects, sheets 1-2, issue D, dated 08/03/18 and stamped by Council 09/03/18.

#### **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**

40. 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 any applicable 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**

41. In accordance with section 4.17 (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**

42. A dilapidation report (incorporating photographs of relevant buildings) must be obtained from a *Professional Engineer*, detailing the current condition and status of all of the buildings and structures located upon all of the properties adjoining the subject site and any other property or public land which may be affected by the works, to the satisfaction of the *Principal Certifying Authority*.

The dilapidation report must be submitted to the Council, the *Principal Certifying Authority* and the owners of the adjoining/nearby premises encompassed in the report, prior to commencing any site works (including any demolition work, excavation work or building work).

### **Construction Site Management Plan**

43. 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.



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**

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

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.

#### **Construction Noise & Vibration Management Plan**

45. 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**

46. 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**

47. 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 Clyde 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.

48. 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.*

49. 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.

#### **Public Utilities**

50. 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.
51. 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.

#### **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**

52. Building works are required to be inspected by the *Principal Certifying Authority*, in accordance with section 6.5 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**

53. 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**

54. 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 10m<sup>2</sup> 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 other 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](http://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**

55. 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**

56. In accordance with section 4.17 (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**

57. 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.

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**

58. 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**

59. 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:

- a) 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.
- b) 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.
- c) 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.
- d) 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**

60. 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**

61. 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**

62. 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"> <li>• Monday to Friday - 7.00am to 5.00pm</li> <li>• Saturday - 8.00am to 5.00pm</li> <li>• Sunday &amp; public holidays - No work permitted</li> </ul>
Excavating or sawing of rock, use of jack-hammers, pile-drivers, vibratory rollers/compactors or the like	<ul style="list-style-type: none"> <li>• Monday to Friday - 8.00am to 1.00pm only</li> <li>• Saturday - No work permitted</li> <li>• Sunday &amp; public holidays - No work permitted</li> </ul>
Additional requirements for all development	<ul style="list-style-type: none"> <li>• Saturdays and Sundays where the preceding Friday and/or the following Monday is a public holiday - No work permitted</li> </ul>

*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**

63. 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**

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

**Road/Asset Opening Permit**

65. 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.



### **Traffic Management**

66. 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.
67. 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.
68. All conditions and requirements of the NSW Police, Roads & Maritime Services, Transport and Council must be complied with at all times.

### **Stormwater Drainage**

69. 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.

### **Seepage/groundwater**

70. 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.

### **Tree Removal**

71. Approval is granted for removal of the following vegetation from within the subject site so as to accommodate works that are shown for these same areas, as identified in the Amended Arboricultural Impact Appraisal and Method Statement by Naturally Trees, dated 09/03/18, and is subject to full implementation of the approved landscape plans:
  - a) The row of shrubs/trees on the eastern side of the access handle, so as to facilitate machinery access, as despite their location on the eastern side of the existing dividing fence/wall along the eastern site boundary, the submitted site survey confirms that all are located wholly within the subject site, and includes from east to west, a *Prunus sp* (T1), a larger *Cupressus torulosa* (Bhutan Cypress, T2), and a row of *Viburnum tinus* (Viburnums, T3-6);
  - b) On higher ground further to the north of point 'a' above, after the access handle widens out, from south to north, a mature *Casuarina cunninghamiana* (River She Oak, T7), a *Pittosporum undulatum 'Variegata'* (Variegated Native Daphne, T8), an *Archontophoenix alexandrae* (Alexander Palm, T9), and then against the southeast corner of the existing dwelling, a *Magnolia x soulangeana* (Tulip Magnolia, T10), given their direct conflict with the new driveway and basement entry/level in this same location as shown;
  - c) The group of small *Murraya paniculatum* (Murraya's, T11, 13-17) on the other, western side boundary, around the southwest corner of the site, given their small size as well as to accommodate the new footprint and landscape works that are shown for this same area;
  - d) In the rear setback, the *Howea fosteriana* (Kentia Palm, T26) adjacent the northwest corner of the existing dwelling, as well as the *Radermarchera*

*sinica* (Emerald Tree, T29), to its north, on higher ground, due both to their insignificance and direct conflict with the works in this same area;

- e) The stand of shrubs/small trees (T32-39), across the rear boundary, so as to accommodate the new stone terrace and associated feature planting and landscaping that is proposed for Unit 7/Level 4 in this same area.

### **Pruning**

- 72. Permission is granted for the minimal and selective pruning of those lower growing, lower order branches and fronds, only where they need to be pruned in order to avoid damage; or; interference with the approved works, from the following:
  - i. The northern aspect of T12, *Lophostemon confertus* (Brush Box), which is located beyond the southwest site corner, wholly on the adjoining private property at 10 Clyde Street, where needed so as to provide a clearance from the suspended steel mesh terrace or associated works in this same area;
  - ii. The eastern aspect of T19, *Jacaranda mimosifolia* (Jacaranda), located beyond the western site boundary, wholly on the adjoining private property at 9 Pitt Street, if needed so as to provide a clearance for the western wall of the new building, scaffolding and similar works in this area;
  - iii. The eastern aspects of the row of small vegetation (T20-25, 27-28), comprising a mixture of palms, shrubs and tree ferns which are located wholly on the adjoining private properties at no.9, 7, 5 & 3 Pitt Street, close to the common boundary, for the same reasons specified in point 'b' above;
  - iv. The western aspect of T40, *Lagerstroemia indica* (Crepe Myrtle), located past the eastern site boundary, beyond the northeast corner of the existing dwelling, and wholly within the adjoining site at 4-6 Clyde Street, where needed so as to provide clearance for the new boundary fence/wall or associated works in this same area.
- 73. This approval does not imply any right of entry onto a neighbouring property nor does it allow pruning beyond a common boundary; however, where such measures are desirable in the best interests of correct pruning procedures, and ultimately, the ongoing health of these tree/palms/ferns, the applicant must negotiate with the neighbour/tree owner for access to perform this work.
- 74. All pruning can only be undertaken by a Practicing Arborist who holds a minimum of AQF Level III in Arboriculture, and 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).
- 75. **The site Arborist must also 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 determine the exact location and extent of pruning that is permissible, with the Arborist to comply with any instructions issued by Council.**

### **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**

76. 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*.

#### **Fire Safety Certificates**

77. 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.

78. The traffic light system for entering and exiting vehicles shall be fully installed and operational prior to occupation of the development and must by default be passively green for vehicles entering the property.

#### **Structural Certification**

79. 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**

80. 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](http://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**

81. 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**

82. 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 Environment Protection Authority (EPA) Noise Control Guidelines.

83. 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.

#### **Street and/or Sub-Address Numbering**

84. 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.

If this application results in an additional lot, dwelling or unit, 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/or unit numbers for the development. The street and/or unit numbers must be allocated prior to the issue of an occupation certificate.

*Please note: any Street or Sub-Address Numbering provided by an applicant on plans, which have been stamped as approved by Council are not to be interpreted as endorsed, approved by, or to the satisfaction of Council.*

#### **Council's Infrastructure, Vehicular Crossings & Road Openings**

85. The owner/developer must meet the full cost for a Council approved contractor to:
- a) Construct a full width concrete vehicular crossing and layback at kerb opposite the vehicular entrance to the site, to Council's specifications and requirements.
  - b) Re-construct kerb and gutter for the full site frontage except opposite the vehicular entrance and exit points, to Council's specifications and requirements.
  - c) Re/construct a 1.3m wide concrete footpath along the full site frontage. Any unpaved areas on the nature strip must be turfed and landscaped to Council's specification.
86. 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.

87. 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.

#### **Undergrounding of Power**

88. At no cost to Council, the existing overhead power feed between the nearest mains distribution pole in Clyde Street and the development site shall be relocated to an underground (UGOH) connection. All work shall be to the requirements and satisfaction of Ausgrid.

#### **Stormwater Drainage**

89. 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.
  - b) 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.
90. 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).

91. 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.

92. 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 basement 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.

#### **Landscaping**

93. Prior to issuing any Final 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 the Landscape – Site Plan & Detail Plan by Melissa Wilson Landscape Architects, sheets 1-2, issue D, dated 08/03/18 and stamped by Council 09/03/18.
94. Suitable strategies shall be implemented to ensure that the landscaping is maintained in a healthy and vigorous state until maturity, for the life of the development.
95. The nature-strip upon Council's footway shall be re-graded and re-turfed with Kikuyu Turf rolls, including turf underlay, wholly at the applicant's cost, to Council's satisfaction, prior to the issue of any Occupation Certificate.

#### **Site Arborist Certification**

96. Prior to issuing any Final Occupation Certificate, the site Arborist must submit to, and have approved by, the PCA, written certification which confirms compliance with the conditions of consent; Arborists Report Recommendations; the dates of attendance on-site and works performed/supervised relating to those trees listed in both the Tree Protection & Pruning conditions.

#### **Tree Protection Certification**

97. Prior to issuing any Final Occupation Certificate, written certification must also be obtained from Council's Landscape Development Officer (9093-6613) confirming that the requirement for joint site inspections was complied with, as specified in both the Tree Protection & Pruning conditions, along with any other instructions issued on-site during the course of works.

### **Waste Management**

98. 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 premises.
99. The waste storage areas shall be clearly signposted.

### **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.

#### **Use of parking spaces**

100. The car spaces within the development are for the exclusive use of the occupants of the building. The car spaces must not be leased to any person/company that is not an occupant of the building.

#### **Fire Safety Statements**

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

The *Fire Safety Statement* is required to confirm that all the fire safety measures have been assessed by a competent fire safety practitioner 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.

#### **Environmental Amenity**

102. 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.

#### **Stormwater Detention/Infiltration System**

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

#### **Residential Parking Permits**

104. 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.
105. 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 residential parking permits.
106. A minimum of 2 visitor space shall be provided for this development.

### **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 4.17 of the Act.

A1 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.

A2 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.

A3 Council can issue your *Construction Certificate* and be your *Principal Certifying Authority* for the development, to undertake inspections and ensure compliance with the development consent and relevant building regulations. For further details contact Council on 9093 6944.

A4 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.

A5 Any proposed amendments to the design and construction of the building may require a new development application or a section 4.55 amendment to the existing consent to be obtained from Council, before carrying out such works

A6 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 9093 6971.

A7 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.

A8 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).

- A9 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.

- A10 Prior to commencing any works, the owner/builder should contact *Dial Before You Dig* on 1100 or [www.dialbeforeyoudig.com.au](http://www.dialbeforeyoudig.com.au) and relevant Service Authorities, for information on potential underground pipes and cables within the vicinity of the development site.

- A11 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.

- A12 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.

- A13 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.