



Land and Environment Court New South Wales

Case Name: **Li v Woollahra Municipal Council (No. 2)**

Medium Neutral Citation: [2023] NSWLEC 1337

Hearing Date(s): Conciliation Conference on 6 February 2023

Date of Orders: 30 June 2023

Date of Decision: 30 June 2023

Jurisdiction: Class 1

Before: O'Neill C

Decision: The orders of the Court are:
(1) The appeal is upheld.
(2) Development Application No. 327/2021 for the demolition of existing structures and the construction of a dwelling, swimming pool, and associated landscaping and site works at 85-89 Hopetoun Avenue, Vaucluse, is determined by the grant of consent, subject to the conditions of consent at Annexure A.

Catchwords: DEVELOPMENT APPLICATION – construction of a new dwelling, swimming pool and associated landscaping – conciliation conference – agreement between the parties – orders

Legislation Cited: Environmental Planning and Assessment Act 1979, ss 4.15, 8.7
Environmental Planning and Assessment Regulation 2000
Environmental Planning and Assessment Regulation 2021, Sch 6 s 3
Land and Environment Court Act 1979, s 34AA
State Environmental Planning Policy (Resilience and Hazards) 2021 cl 4.6
Woollahra Local Environmental Plan 2014, 5.21, 6.1, 6.2

Cases Cited: Li v Woollahra Municipal Council [2023] NSWLEC 1298

Texts Cited:	Woollahra Development Control Plan 2015
Category:	Principal judgment
Parties:	John Li (Applicant) Woollahra Municipal Council (Respondent)
Representation:	Counsel: I Hemmings SC (Applicant) J Hewitt (Solicitor) (Respondent) Solicitors: Boskovitz Lawyers (Applicant) HWL Ebsworth Lawyers (Respondent)
File Number(s):	2022/194938
Publication Restriction:	No

JUDGMENT

- 1 **COMMISSIONER:** This is an appeal pursuant to the provisions of s 8.7(1) of the *Environmental Planning and Assessment Act 1979* (EPA Act) against the refusal of Development Application No. 327/2021 for the demolition of existing structures and the construction of a dwelling, swimming pool and associated landscaping works (the proposal), at 85-89 Hopetoun Avenue, Vaucluse (Lot 100 in DP 1209632) (the site), by Woollahra Municipal Council (the Council).
- 2 The Court arranged a conciliation conference under s 34AA of the *Land and Environment Court Act 1979* (LEC Act) between the parties, which was held on 6 February 2022. I presided over the conciliation conference. At the conciliation conference, the parties reached agreement as to the terms of a decision in the proceedings that would be acceptable to the parties.
- 3 An application for joinder following the conciliation conference was dismissed by the Court on 14 June 2023 (*Li v Woollahra Municipal Council* [2023] NSWLEC 1298).
- 4 Under s 34(3) of the LEC Act, I must dispose of the proceedings in accordance with the parties' decision, if the parties' decision is a decision that the Court could have made in the proper exercise of its functions. The parties' decision involves the Court exercising the function under s 4.16 of the EPA Act to grant consent to the development application.
- 5 There are preconditions to the exercise of power to grant development consent for the proposal.

Amended Plans

- 6 The Environmental Planning and Assessment Regulation 2000 (EPA Regulation 2000) continues to apply to the application, because the application was lodged on 5 August 2021 and not yet determined on 1 March 2022 (s 3 of Sch 6 to the Environmental Planning and Assessment Regulation 2021). Pursuant to s 3(2) of Sch 6 to the Environmental Planning and Assessment

Regulation 2021, there is a requirement to use the NSW Planning Portal under the EPA Regulation 2000, therefore cll 55(1), 55AA(2)(d) or 121B(1) of the EPA Regulation 2000 does not apply if the development application is subject to proceedings in the Court.

7 The Council, as the consent authority, consented to the amendment of the application on 6 February 2023. The amended application amended the plans and documents the subject of the application, as follows:

- Architectural Plans numbered DA-00 to DA-19 (Revision E) prepared by MHND Union dated 12 January 2023;
- Landscape Plans numbered L-01 to L-05 (Revision D) prepared by Site Design + Studios dated 20 September 2022; and
- BASIX Certificate 13711375 dated 5 February 2023.

8 As a result of the amendment of the proposal, the parties reached agreement during the conciliation conference.

Consideration

9 The site is zoned R2 Low Density Residential pursuant to Woollahra Local Environmental Plan 2014 (LEP 2014). The objectives of the zone, to which regard must be had, are:

- To provide for the housing needs of the community within a low density residential environment.
- To enable other land uses that provide facilities or services to meet the day to day needs of residents.
- To provide for development that is compatible with the character and amenity of the surrounding neighbourhood.
- To ensure that development is of a height and scale that achieves the desired future character of the neighbourhood.

- 10 The proposal is for a single dwelling, which is permissible in the R2 zone. A condition of consent is proposed to limit the use to a single dwelling (condition A6).
- 11 Draft amendments to the LEP 2014 and the Woollahra Development Control Plan 2015 (DCP 2015) relating to proposed floor space ratio and urban greening controls were publicly exhibited post gateway determination from 10 August 2022 to 16 September 2022. On this basis, this is a relevant consideration under s 4.15(1)(a)(ii) of the EPA Act. I am satisfied that the draft instrument does not raise any issues that would preclude the grant of consent to the application.
- 12 I accept the Council's assessment that there is unlikely to be any acid sulfate affectation, pursuant to cl 6.1 of LEP 2014.
- 13 I accept the planning experts agreed evidence that the reduction of excavation proposed results in an acceptable level of excavation, pursuant to cl 6.2 of LEP 2014. I am satisfied by the Council's submissions in respect of the matters raised in cl 6.2(3) of LEP 2014.
- 14 I accept the Council's submission that flood planning pursuant to cl 5.21 of LEP 2014 has been considered and the site is not within a flood mapped area.
- 15 I am satisfied the site is suitable for the proposal because the site has been used for residential purposes for some time, pursuant to s 4.6 of State Environmental Planning Policy (Resilience and Hazards) 2021.

Conclusion

- 16 I have considered the joint report prepared by the planning experts and filed with the Court on 20 January 2023. I have considered the submissions made by the Council in the Statement of Jurisdictional Issues filed with the Court on 7 February 2023 and the Supplementary Agreed Statement – Jurisdictional Prerequisites on 14 June 2023 and I am satisfied, on the basis of the evidence

before me, that the agreement of the parties is a decision that the Court could have made in the proper exercise of its functions.

Orders

17 The orders of the Court are:

- (1) The appeal is upheld.
- (2) Development Application No. 327/2021 for the demolition of existing structures and the construction of a dwelling, swimming pool, and associated landscaping and site works at 85-89 Hopetoun Avenue, Vaucluse, is determined by the grant of consent, subject to the conditions of consent at Annexure A.

I certify that this and the preceding 3 pages are a true copy of my reasons for judgment.



Susan O'Neill

Commissioner of the Court

Annexure A

DETERMINATION OF DEVELOPMENT APPLICATION BY GRANT OF CONSENT

Development Application No: DA327/2021

Development: Dwelling house

Site: 85-89 Hopetoun Avenue, Vaucluse (Lot 100 in Deposited Plan 1209632)

The above development application has been determined by the granting of consent subject to the conditions specified in this consent.

Date of determination: 30 June 2023

Date from which consent takes effect: [Date of determination].

TERMINOLOGY

In this consent:

- (a) Any reference to a Construction, Compliance, Occupation or Subdivision Certificate is a reference to such a certificate as defined in the *Environmental Planning and Assessment Act 1979*.
- (b) Any reference to the “applicant” means a reference to the applicant for development consent or any person who may be carrying out development from time to time pursuant to this consent.
- (c) Any reference to the “site”, means the land known as 85-89 Hopetoun Avenue, Vaucluse (Lot 100 in Deposited Plan 1209632).

The conditions of consent are as follows:

A. General Conditions

A.1 Conditions

Consent is granted subject to the following conditions imposed pursuant to section 4.16 of the *Environmental Planning and Assessment Act 1979* (“the *Act*”) and the provisions of the *Environmental Planning and Assessment Regulation 2000* (“the *Regulation*”) such conditions being reasonable and relevant to the development as assessed pursuant to section 4.15 of the *Act*.

A.2 Definitions

Unless specified otherwise, words have the same meaning as defined by the *Act*, the *Regulation* and the *Interpretation Act 1987* as in force at the date of consent.

Applicant means the applicant for this consent.

Approved Plans mean the plans endorsed by Council referenced by this consent as amended by conditions of this consent.

AS or ***AS/NZS*** means Australian Standard® or Australian/New Zealand Standard®, respectively, published by Standards Australia International Limited.

BCA means the Building Code of Australia as published by the Australian Building Codes Board as in force at the date of issue of any Construction Certificate.

Council means Woollahra Municipal Council

Court means the Land and Environment Court

Local native plants means species of native plant endemic to Sydney's eastern suburbs (see the brochure titled "Local Native Plants for Sydney's Eastern Suburbs" published by the Southern Sydney Regional Organisation of Councils).

Owner means the owner of the *site* and successors in title to the *site*.

Owner-builder has the same meaning as in the *Home Building Act 1989*.

PC means the Principal Certifier under the *Act*.

Principal Contractor has the same meaning as in the *Act*, or where a Principal Contractor has not been appointed by the Owner of the land being developed Principal Contractor means the Owner of the land being developed.

Professional engineer has the same meaning as in the BCA.

Public place has the same meaning as in the *Local Government Act 1993*.

Road has the same meaning as in the *Roads Act 1993*.

Site means the land being developed subject to this consent.

Stormwater drainage system means all works, facilities and documentation relating to:

- the collection of stormwater,
- the retention of stormwater,
- the reuse of stormwater,
- the detention of stormwater,
- the controlled release of stormwater; and
- connections to easements and public stormwater systems.

Woollahra LEP means *Woollahra Local Environmental Plan 2014*

Woollahra DCP means Woollahra Development Control Plan 2015

Work for the purposes of this consent means:

- the use of land in connection with development,
- the subdivision of land,
- the erection of a building,
- the carrying out of any work,
- the use of any site crane, machine, article, material, or thing,
- the storage of waste, materials, site crane, machine, article, material, or thing,
- the demolition of a building,
- the piling, piercing, cutting, boring, drilling, rock breaking, rock sawing or excavation of land,
- the delivery to or removal from the *site* of any machine, article, material, or thing, or
- the occupation of the *site* by any person unless authorised by an occupation certificate.

Note: Interpretation of conditions - Where there is any need to obtain an interpretation of the intent of any condition this must be done in writing to Council and confirmed in writing by Council.

A.3 Approved Plans and supporting documents

Those with the benefit of this consent must carry out all work and maintain the use and works in accordance with the plans to which is affixed a Council stamp “**Approved Plans**” and supporting documents listed below as submitted by the Applicant **unless modified by any following condition**. Where the plans relate to alterations or additions only those works shown in colour or highlighted are approved.

Reference	Description	Author/Drawn	Dates
ARCHITECTURAL PLANS			
DA-00 Rev E	Cover Page	MHNDU Architects	12 January 2023
DA-01 Rev E	Site Analysis Plan	MHNDU Architects	12 January 2023

DA-02 Rev E	Site Plan	MHNDU Architects	12 January 2023
DA-03 Rev E	Basement Floor Plan	MHNDU Architects	12 January 2023
DA-04 Rev E	Lower Ground Floor Plan	MHNDU Architects	12 January 2023
DA-05 Rev E	Ground Floor Plan	MHNDU Architects	12 January 2023
DA-06 Rev E	First Floor Plan	MHNDU Architects	12 January 2023
DA-07 Rev E	Second Floor Plan	MHNDU Architects	12 January 2023
DA-08 Rev E	Roof Plan	MHNDU Architects	12 January 2023
DA-09 Rev E	Section A	MHNDU Architects	12 January 2023
DA-10 Rev E	Section B & C	MHNDU Architects	12 January 2023
DA-11 Rev E	Elevation West & East	MHNDU Architects	12 January 2023
DA-12 Rev E	Elevation North & South	MHNDU Architects	12 January 2023
DA-13 Rev E	Compliance Diagrams – Setback Summary	MHNDU Architects	12 January 2023
DA-14 Rev E	Compliance Diagrams – Controls Summary	MHNDU Architects	12 January 2023
DA-15 Rev E	External Finishes Schedule	MHNDU Architects	12 January 2023
DA-19 Rev E	Site Waste Management Plan	MHNDU Architects	12 January 2023
LANDSCAPE PLANS			
L-01 Rev D	Site Plan/Calcs	Site Design+ Studios	20 September 2022

L-02 Rev D	Landscape Plan	Site Design+ Studios	20 September 2022
L-03 Rev D	Level 2 Plan	Site Design+ Studios	20 September 2022
L-04 Rev D	Planting Details & Notes	Site Design+ Studios	20 September 2022
L-05 Rev D	Additional Planting Areas	Site Design+ Studios	20 September 2022
OTHER DOCUMENTs			
Basix Certificate 1371137S	Basix Certificate	Sustain Build Projects	5 February 2023
34117PHrpt	Geotechnical report	JK Geotechnics	4 July 2021
210504 CP100-A SW100-A SW101-A SW102-A SW103-A SW104-A SW200-A SW201-A SW300-A	Stormwater Management Plan	RTS Civil Consulting Engineers	21/07/2021 21/07/2021 21/07/2021 21/07/2021 21/07/2021 21/07/2021 21/07/2021 21/07/2021 21/07/2021
210504	Flood Report	RTS Civil Consulting Engineers	21/07/2021

Note: Warning to Accredited Certifiers – You should always insist on sighting the original Council stamped approved plans. You should not rely solely upon the plan reference numbers in this condition. Should the Applicant not be able to provide you with the original copy Council will provide you with access to its files so you may review our original copy of the approved plans.

Note: These plans and supporting documentation may be subject to conditions imposed under section 4.17(1)(g) of the *Act* modifying or amending the development (refer to conditions which must be satisfied prior to the issue of any *Construction Certificate*.)

A.4 Ancillary Aspects of Development (section 4.17(2) of the *Act*)

The Owner must procure the repair, replacement or rebuilding of all road pavement, kerb, gutter, footway, footpaths adjoining the site or damaged as a result of work under this consent or as a consequence of work under this consent. Such work must be undertaken to Council's satisfaction in accordance with Council's *Specification for Roadworks, Drainage and Miscellaneous Works* (2012) unless expressly provided otherwise by these conditions at the Owner's expense.

Note: This condition does not affect the Principal Contractor's or any sub-contractors obligations to protect and preserve public infrastructure from damage or affect their liability for any damage that occurs.

A.5 Tree Preservation & Approved Landscaping Works

All landscape works shall be undertaken in accordance with the approved landscape plan, arborist report, tree management plan and transplant method statement as applicable.

a) The following trees shall be retained.

- Trees on Private Land

Council Ref No.	Species	Location	Dimension (metres)
11	<i>Ulmus parvifolia</i> (Chinese Elm)	Eastern boundary	12 x 6
16	<i>Archontophoenix cunninghamiana</i> (Bangalow Palm)	Eastern boundary	6 x 5
18	<i>Callistemon viminalis</i> (Bottlebrush)	Southern boundary	8 x 5
19	<i>Lagerstroemia indica</i> (Crape myrtle)	Southern boundary	6 x 3

24	<i>Podocarpus elatus</i> (Plum pine)	Southern boundary	10 x 4
26	<i>Banksia integrifolia</i> (Banksia)	Southern boundary	9 x 4
27	<i>Banksia integrifolia</i> (Banksia)	Southern boundary	9 x 4
28	<i>Banksia integrifolia</i> (Banksia)	Southern boundary	9 x 4
29	<i>Banksia integrifolia</i> (Banksia)	Southern boundary	9 x 4
30	<i>Agonis flexuosa</i> (Western Australian Peppermint)	Western garden	9 x 4
31	<i>Tristanopsis laurina</i> (Water Gum)	Western garden	8 x 5
38	<i>Banksia serrata</i> (Old Man Banksia)	Western garden	7 x 4
39	<i>Angophora costata</i> (Sydney Red Gum)	Western garden	8 x 8
41	<i>Triadica sebifera</i> (Chinese tallow)	Western garden	6 x 4
42	<i>Magnolia grandiflora</i> (Bull Bay Magnolia)	Western garden	6 x 4
50	<i>Howea forsteriana</i> (Kentia palm)	Centre of site	8 x 3

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- Trees on Council Land

Council Ref No.	Species	Location	Dimension (metres)	Tree Value
1	<i>Lophostemon confertus</i> (Brush Box)	Public Footpath	9 x 5	\$5000

Note: The tree/s required to be retained should appear coloured green on the construction certificate plans.

- b) The following trees shall be transplanted and successfully established in the location(s) indicated on the approved landscape plan:

Council Ref No.	Species	Location	Dimension (metres)
2	<i>Howea forsteriana</i> (Kentia palm)	Northern boundary	5 x 2

3	<i>Archontophoenix cunninghamiana</i> (Bangalow Palm)	Northern boundary	8 x 2
4	<i>Archontophoenix cunninghamiana</i> (Bangalow Palm)	Northern boundary	8 x 2

Note: The tree/s required to be retained shall appear coloured yellow on the construction certificate plans.

c) The following trees may be removed:

Council Ref No.	Species	Location	Dimension (metres)
5	<i>Pittosporum undulatum</i> (Sweet Pittosporum)	Northern boundary	6 x 3
6	<i>Murraya paniculata</i> (Murraya)	Northern boundary	4 x 4
7	<i>Ulmus parvifolia</i> (Chinese Elm)	Eastern boundary	5 x 3
8	<i>Plumeria acutifolia</i> (Frangipani)	Eastern boundary	5 x 3
9	<i>Podocarpus elatus</i> (Illawarra Plum)	Eastern boundary	8 x 6
10	<i>Schinus molle</i> (Peppercorn tree)	Eastern boundary	8 x 6
12	<i>Strelitzia nicolai</i> (Giant bird of paradise)*	Eastern boundary	6 x 5
13	<i>Lagerstroemia indica</i> (Crape myrtle)*	Eastern boundary	4 x 3
14	<i>Strelitzia nicolai</i> (Giant bird of paradise)*	Eastern boundary	6 x 5
15	<i>Araucaria heterophylla</i> (Norfolk Pine)	Eastern boundary	6 x 5
17	<i>Ficus crassipes</i> (Fig)	Southern boundary	6 x 4
20	<i>Melaleuca leucadendra</i> (Weeping paperbark)	Centre of site	8 x 5
21	<i>Olea europaea</i> (Olive tree)	Centre of site	9 x 4
22	<i>Dracaena Draco</i> (Dragon tree)*	Southern boundary	4 x 3
23	<i>Waterhousea floribunda</i> (Weeping lily pilly)	Southern boundary	11 x 6

25	<i>Olea europaea</i> (Olive tree)*	Southern boundary	8 x 4
32	<i>Viburnum odoratissimum</i> (Sweet Viburnum)	Western garden	5 x 4
33	<i>Viburnum odoratissimum</i> (Sweet Viburnum)	Western garden	5 x 3
34	<i>Cupressus macnabiana</i> (Shasta cypress)	Centre of site	6 x 2
35	<i>Mangifera indica</i> (Mango)	Centre of site	6 x 4
36	<i>Pittosporum undulatum</i> (Sweet Pittosporum)	Centre of site	6 x 4
37	<i>Cyathea cooperi</i> (Tree fern)	Centre of site	6 x 2
40	<i>Magnolia grandiflora</i> (Bull Bay Magnolia)	Western garden	4 x 3
43	<i>Lagerstroemia indica</i> (Crape myrtle)	Western garden	4 x 3
44	<i>Pittosporum undulatum</i> (Sweet Pittosporum)	Western garden	4 x 4
45	<i>Pittosporum undulatum</i> (Sweet Pittosporum)	Western garden	5 x 3
46	<i>Plumeria acutifolia</i> (Frangipani)	Centre of site	5 x 3
47	<i>Howea forsteriana</i> (Kentia palm)	Centre of site	8 x 3
48	<i>Syagrus romanzoffiana</i> (Cocos Palm)*	Centre of site	8 x 3
49	<i>Syagrus romanzoffiana</i> (Cocos Palm)*	Centre of site	8 x 3

Note: Tree/s to be removed shall appear coloured red on the construction certificate plans.

*This species is exempt from the WMC DCP Chapter E.3 - Tree Management and can be removed without consent.

A6. Use is to be restricted to a single dwelling

The approved dwelling house is restricted to that of a single residence and must not be used for any other purpose including that for a dual occupancy or as residential apartments. The dwelling must not be used for functions or events without prior consent of Council noting that this condition does not preclude any family events and functions hosted by the occupant of the property.

B. Conditions which must be satisfied prior to the demolition of any building or construction

B.1 Identification of Hazardous Material

In accordance with Australian Standard AS2601- 'The Demolition of Structures' the owner shall identify all hazardous substances located on the site including asbestos, Polychlorinated biphenyls (PCBs), lead paint, underground storage tanks, chemicals, etc. per Clause 1.6.1 of the Standard. In this regard, **prior to the commencement of any work**, Council shall be provided with a written report prepared by a suitably qualified competent person detailing;

- all hazardous materials identified on the site;
- the specific location of all hazardous materials identified;
- whether the hazardous materials are to be removed from the site as part of the works to be undertaken; and
- safety measures to be put in place.

Note: This condition is imposed to protect the health and safety of all persons while works are being undertaken and to ensure all safety measures have been identified and are in place to protect all parties in the immediate vicinity of the site.

B.2 Public Road Assets prior to any work/demolition

To clarify the condition of the existing public infrastructure prior to the commencement of any development (including prior to any demolition), the *Applicant* or *Owner* must submit to Council a full record of the condition of the Public Road infrastructure adjacent to the development site.

The report must be submitted to Council prior to the commencement of any work and include photographs showing current condition and any existing damage fronting and adjoining the site to the:

- road pavement,
- kerb and gutter,
- footway including footpath pavement and driveways,
- retaining walls within the footway or road, and
- drainage structures/pits.

The reports are to be supplied in both paper copy and electronic format in Word. Photographs are to be in colour, digital and date stamped.

If the required report is not submitted then Council will assume there was no damage to any infrastructure in the immediate vicinity of the site prior to the commencement of any work under this consent.

Note: If the Applicant or Owner fails to submit the Asset condition report required by this condition and damage is occasioned to public assets adjoining the site, Council will deduct from security any costs associated with remedying, repairing or replacing damaged public infrastructure. Nothing in this condition prevents Council making any claim against security held for this purpose

B.3 Establishment of Tree Protection Zone (TPZ) Fence

Tree Protection Zones shall be established around all trees to be retained and in accordance with Section 4 of the *Australian Standard Protection of Trees on Development Sites* (AS 4970- 2009). Tree protection zones must also comply with the following requirements;

a) Tree Protection Zone areas

Council Ref No.	Species	Tree Location	Fence Radius from Centre of Trunk (Metres)
1	<i>Lophostemon confertus</i> (Brush Box)	Public Footpath	2
11	<i>Ulmus parvifolia</i> (Chinese Elm)	Eastern boundary	2.5
16	<i>Archontophoenix cunninghamiana</i> (Bangalow Palm)	Eastern boundary	1
18	<i>Callistemon viminalis</i> (Bottlebrush)	Southern boundary	2
19	<i>Lagerstroemia indica</i> (Crape myrtle)	Southern boundary	2
24	<i>Podocarpus elatus</i> (Plum pine)	Southern boundary	2

26	<i>Banksia integrifolia</i> (Banksia)	Southern boundary	2
27	<i>Banksia integrifolia</i> (Banksia)	Southern boundary	2
28	<i>Banksia integrifolia</i> (Banksia)	Southern boundary	2
29	<i>Banksia integrifolia</i> (Banksia)	Southern boundary	2
30	<i>Agonis flexuosa</i> (Western Australian Peppermint)	Western garden	2
31	<i>Tristanopsis laurina</i> (Water Gum)	Western garden	2
38	<i>Banksia serrata</i> (Old Man Banksia)	Western garden	2
39	<i>Angophora costata</i> (Sydney Red Gum)	Western garden	2
41	<i>Triadica sebifera</i> (Chinese tallow)	Western garden	2
42	<i>Magnolia grandiflora</i> (Bull Bay Magnolia)	Western garden	2
50	<i>Howea forsteriana</i> (Kentia palm)	Centre of site	1

Note: Where this condition relates to street trees and the fence cannot be placed at the specified radius, the fencing shall be positioned so that the entire verge (nature strip) area in front of the subject property, excluding existing driveways, footpaths and bus stops is protected.

Note: Where this condition relates to trees on private property the radial distance of fencing shall be positioned only within the subject property.

- b) Tree Protection Zones shall be fenced with a 1.8 metre high chainmesh or weldmesh fence and secured to restrict access. The fence shall be established prior to any materials being brought onto the site and before the commencement of works including demolition. The area within the fence shall be mulched and maintained to a depth of 75mm. The soil within the TPZ shall be kept in a moist condition for the duration of the construction works. Unless approved by the site arborist there shall be no access within the TPZ.
- c) A sign identifying the Tree Protection Zone shall be erected on each side of the protection fence indicating the existence of a TPZ. Signage must be visible from within the development site.

- d) No excavation, construction activity, grade changes, storage of materials, stockpiling, siting of works sheds, preparation of mixes or cleaning of tools is permitted within Tree Protection Zones, unless specified in this consent.
- e) Temporary access within the TPZ for pedestrian and machinery movements shall only be permitted with the approval of the site arborist or unless specified in this consent.
- f) The site foreman must be made aware of all tree protection requirements associated with these conditions of consent by the project arborist. Any subsequent site personnel and contractors to the site must be made aware of all tree protection requirements by the site foreman.
- g) The project arborist shall provide written certification of compliance with the above condition.

B.4 Demolition and Construction Management Plan

The Demolition and Construction Management Plan shall be reviewed and certified by the Project Arborist that appropriate tree protection measures have been accounted for. The Demolition and Construction Management Plan shall be prepared in accordance with all tree protection measures specified within this consent. Considerations by the Project Arborist shall include but not be limited to:

- a) Drawings and method statement showing details and the location of hoarding and scaffold and any pruning required to accommodate the hoarding and scaffolding;
- b) The movement and positioning of heavy machinery, lifting cranes, pier drilling gantry etc;
- c) Site construction access, temporary crossings and movement corridors on the site defined;
- d) Contractors car parking;
- e) Phasing of construction works;
- f) The space needed for all foundation excavations and construction works;
- g) All changes in ground level;
- h) Space for site sheds and other temporary structures such as toilets;
- i) Space for sorting and storing materials (short or long term), spoil and fuel and the mixing of cement and concrete; and

- j) The effects of slope on the movement of potentially harmful liquid spillages towards or into tree protection areas

B.5 Arborists Documentation and Compliance Checklist

The site arborist shall provide written certification that all tree protection measures and construction techniques relevant to this consent have been complied with. Documentation for each site visit shall include:

- A record of the condition of trees to be retained prior to and throughout development;
- Recommended actions to improve site conditions and rectification of non-compliance; and
- Recommendations for future works which may impact the trees

All compliance certification documents shall be kept on site by the Site Foreman.

As a minimum the following intervals of site inspections must be made:

Stage of arboricultural inspection	Compliance documentation and photos shall be included
Installation of tree protection fencing	Compliance with tree protection measures
Excavation within Tree Protection Zones	Condition of exposed roots and root pruning if required
Bimonthly inspections during construction	Compliance with tree protection measures
Prior to the issue of a Final Occupation Certificate	Supervise the dismantling of tree protection measures

Inspections and compliance documentation shall be made by an arborist with AQF Level 5 qualifications.

Additional site visits shall be made when required by site arborist and/or site foreman for ongoing monitoring/supervisory work.

C. Conditions which must be satisfied prior to the issue of any construction certificate

C.1 Modification of Details of the Development (section 4.17(1)(g) of the Act)

The approved plans and the Construction Certificate plans and specification, required to be submitted to the Certifying Authority pursuant to clause 139 of the *Regulation*, must detail the following amendments:

- a) In order to mitigate view impacts upon the adjoining property 26 Village High Road the proposed 2 Cabbage tree palms to the north-eastern corner of the site shall be substituted for an alternative species with a mature height not exceeding RL51.3 (approximately 1m above the existing eaves level of the existing dwelling house at 89 Hopetoun Avenue).
- b) An Amended landscape plan is to be provided which includes detail of mature heights of species over 3-metres in height together with detail of the planter bed adjacent to bedroom 5.
- c) In order to adequately mitigate visual privacy impacts upon adjoining properties to the south and rear, the following privacy mitigation measures shall be implemented:
 - i. That the fixed vertical privacy screens on the southern side of bedroom 5 be replaced with fixed upward facing louvres in order to protect the visual privacy of the north-facing windows of the dwelling at 83 Hopetoun Ave.
 - ii. That the area to the rear of bedrooms 3 and 4 on the 1st floor remain non-trafficable
 - iii. That a fixed privacy screen with upward facing louvres with a minimum height of 1.6m be added to the southern side of the balcony to the west of bedroom 9.
 - iv. That the privacy screens be applied externally to the bathroom windows of ensuites 4 and 5 on the southern elevation, consistent with those shown to ensuites 8 and 9.

Note: The effect of this condition is that it requires design changes and/or further information to be provided with the Construction Certificate drawings and specifications to address specific issues identified during assessment under section 4.15 of the *Act*.

Note: Clause 146 of the *Regulation* prohibits the issue of any Construction Certificate subject to this condition unless the Certifying Authority is satisfied that the condition has been complied with.

Note: Clause 145 of the *Regulation* prohibits the issue of any Construction Certificate that is inconsistent with this consent.

C.2 Payment of Long Service Levy, Security, Contributions and Fees

The Certifying Authority must not issue any certificates under section 6.4 of the *Act* until provided with the original receipt(s) for the payment of all of the following levy, security, contributions, and fees prior to the issue of a Construction Certificate, Subdivision Certificate or Occupation Certificate, as will apply.

Description	Amount	Indexed	Council Fee Code
LONG SERVICE LEVY under <i>Building and Construction Industry Long Service Payments Act 1986</i>			
Long Service Levy www.longservice.nsw.gov.au/bci/levy/other-information/levy-calculator	Contact LSL Corporation or use online calculator	No	
SECURITY under section 4.17(6) of the <i>Environmental Planning and Assessment Act 1979</i>			
Property Damage Security Deposit -making good any damage caused to any property of the <i>Council</i> (S138)	\$244,306	No	T115
Infrastructure Works Bond (S138)	\$53,615	No	T113
Tree Damage Security Deposit Making good any damage caused to any public tree as a consequence of the doing of anything to which the consent relates.	\$5,000	No	T114
DEVELOPMENT LEVY			

under Woollahra Section 94A Development Contributions Plan 2011 This plan may be inspected at Woollahra Council or downloaded at www.woollahra.nsw.gov.au			
Development Levy (section 7.12)	\$102,352 + Index Amount	Yes, quarterly	T96
INSPECTION FEES under section 608 of the <i>Local Government Act 1993</i>			
Public Road and Footpath Infrastructure Inspection Fee (S138 Fee)	\$615	No	T45
Tree Inspection Fee	\$200	No	T95
TOTAL SECURITY, CONTRIBUTIONS, LEVIES AND FEES	\$405,967 plus any relevant indexed amounts and long service levy		

Building and Construction Industry Long Service Payment

The long service levy under section 34 of the *Building and Construction Industry Long Service Payment Act 1986*, must be paid and proof of payment provided to the Certifying Authority prior to the issue of any Construction Certificate. The levy can be paid directly to the Long Service Corporation or to Council. Further information can be obtained from the Long Service Corporation website www.longservice.nsw.gov.au or the Long Service Corporation on 131 441.

How must the payments be made?

Payments must be made by:

- cash deposit with Council,
- credit card payment with Council, or
- bank cheque made payable to Woollahra Municipal Council.

The payment of a security may be made by a bank guarantee where:

- the guarantee is by an Australian bank for the amount of the total outstanding contribution,
- the bank unconditionally agrees to pay the guaranteed sum to the Council on written request by Council on completion of the development or no earlier than 12 months from the provision of the guarantee whichever occurs first [NOTE: a time limited bank guarantee or a bank guarantee with an expiry date is not acceptable],
- the bank agrees to pay the guaranteed sum without reference to the Applicant or landowner or other person who provided the guarantee and without regard to any dispute, controversy, issue or other matter relating to the development consent or the carrying out of development in accordance with the development consent,
- the bank guarantee is lodged with the Council prior to the issue of the Construction Certificate, and
- the bank's obligations are discharged when payment to the Council is made in accordance with the guarantee or when Council notifies the bank in writing that the guarantee is no longer required.

How will the section 7.12 levy (formerly known as 94A levy) be indexed?

To ensure that the value the development levy is not eroded over time by increases in costs, the proposed cost of carrying out development (from which the development levy is calculated) will be indexed either annually or quarterly (see table above). Clause 3.13 of the Woollahra Section 94A Development Contributions Plan 2011 sets out the formula and index to be used in adjusting the levy.

Do you need HELP indexing the levy?

Please contact Council's Customer Service Team on ph 9391 7000. Failure to correctly calculate the adjusted development levy will delay the issue of any certificate issued under section 6.4 of the *Act* and could void any such certificate (eg Construction Certificate, Subdivision Certificate, or Occupation Certificate).

Deferred or periodic payment of section 7.12 levy (formerly known as 94A levy) under the Woollahra Section 94A Development Contributions Plan 2011

Where the Applicant makes a written request supported by reasons for payment of the section

7.12 levy other than as required by clause 3.9, the Council may accept deferred or periodic payment. The decision to accept a deferred or periodic payment is at the sole discretion of the Council, which will consider:

- the reasons given,
- whether any prejudice will be caused to the community deriving benefit from the public facilities,
- whether any prejudice will be caused to the efficacy and operation of the Plan, and
- whether the provision of public facilities in accordance with the adopted works schedule will be adversely affected.

Council may, as a condition of accepting deferred or periodic payment, require the provision of a bank guarantee where:

- the guarantee is by an Australian bank for the amount of the total outstanding contribution,
- the bank unconditionally agrees to pay the guaranteed sum to the Council on written request by Council on completion of the development or no earlier than 12 months from the provision of the guarantee whichever occurs first [NOTE: a time limited bank guarantee or a bank guarantee with an expiry date is not acceptable],
- the bank agrees to pay the guaranteed sum without reference to the Applicant or landowner or other person who provided the guarantee and without regard to any dispute, controversy, issue or other matter relating to the development consent or the carrying out of development in accordance with the development consent,
- the bank guarantee is lodged with the Council prior to the issue of the Construction Certificate, and
- the bank's obligations are discharged when payment to the Council is made in accordance with the guarantee or when Council notifies the bank in writing that the guarantee is no longer required.

Any deferred or periodic payment of the section 7.12 levy will be adjusted in accordance with clause 3.13 of the Plan. The Applicant will be required to pay any charges associated with establishing or operating the bank guarantee. Council will not cancel the bank guarantee until the outstanding contribution as indexed and any accrued charges are paid.

C.3 BASIX commitments

The *applicant* must submit to the *Certifying Authority* BASIX Certificate No. 1371137S with any application for a *Construction Certificate*.

Note: Where there is any proposed change in the BASIX commitments the applicant must submit of a new *BASIX Certificate* to the *Certifying Authority* and Council. If any proposed change in the BASIX commitments are inconsistent with development consent (See: Clauses 145 and 146 of the *Regulation*) the applicant will be required to submit an amended development application to *Council* pursuant to section 96 of the Act.

All commitments in the *BASIX Certificate* must be shown on the *Construction Certificate* plans and specifications prior to the issue of any *Construction Certificate*.

Note: Clause 145(1)(a1) of the *Environmental Planning & Assessment Regulation* 2000 provides: "A certifying authority must not issue a construction certificate for building work unless it is satisfied of the following matters: (a1) that the plans and specifications for the building include such matters as each relevant BASIX certificate requires,"

C.4 Road and Public Domain Works

A separate application under Section 138 of the *Roads Act* 1993 is to be made to, and be approved by Council as the road authority, for the following infrastructure works prior to the issuing of any Construction Certificate. The infrastructure works must be carried out at the applicant's expense:

1. Road & Footpath Works

- a) The removal of the redundant vehicular crossings including layback and gutter and reinstated into Council's' standard footpath, kerb and gutter in accordance with Council's Specification for Roadworks, Drainage and Miscellaneous Works and to the satisfaction of Council's Assets Engineers.
- b) The construction of a new 3 metres wide vehicular crossing including replacement of the existing gutter in accordance with Council's standard driveway drawing RF2_D and to the satisfaction of Council's Assets Engineers. The new crossing shall be constructed at right angle to the street kerb in plain concrete and the centreline of the new crossing shall be aligned with the centreline of the internal driveway at the property boundary. Design longitudinal profiles along each edge/side of the proposed driveway, starting from the centreline of the road pavement to the parking slab, must be submitted for assessment.
- c) The reinstatement of all damaged footpath, kerb and gutter and road pavement to the satisfaction of Council's Engineers.
- d) Where a grass verge exists, the balance of the area between the footpath and the kerb over the full frontage of the proposed development must be

turfed. The grass verge must be constructed to contain a uniform minimum 75mm of friable growing medium and have a total cover of Couch turf.

2. Drainage Works

- a) The construction of new kerb inlet pit with 1.8m precast lintel for the proposed stormwater connection to Council's underground system in accordance with Council's Specification for Roadworks, Drainage and Miscellaneous Works. The new kerb inlet pit shall be constructed within the frontage of the site and at a minimum distance of 0.5m from any vehicular crossing. The grate shall be Class D, "bicycle friendly" type.
- b) The existing Council's in-ground system shall be extended from by using minimum Class 4, 375mm RRJ steel reinforced concrete pipes (RCP) in accordance with Council's Specification and to the satisfaction of Council's Assets Engineers. Detailed design including longitudinal section of the proposed 375mm RCP shall be prepared by a suitably qualified civil engineer. Trench details shall be included in the design drawings to comply with Council's Specification and AS3725.
- c) The developer shall be responsible for carrying out all service investigations to allow a gravity connection.

3. Bonds

- a) A bond of \$53,615 will be used as security to ensure the satisfactory completion of the infrastructure works. The security or bank guarantee must be the original unconditional bank guarantee with no expiry date.
- b) Council may use all or part of the Infrastructure Bond as well as the Property Damage Security Deposit to meet the cost of removing or completing the works if they do not meet Council's requirements.
- c) The Deposit/Bond will not be released until Council has inspected the site and is satisfied that the Works have been completed in accordance with Council approved drawings and to Council requirements.

Note: To ensure that this work is completed to Council's satisfaction, this consent by separate condition, may impose one or more Infrastructure Works Bonds.

Note: *Road* has the same meaning as in the *Roads Act* 1993.

Note: The intent of this condition is that the design of the road, footpaths, driveway crossings and public stormwater drainage works must be detailed and approved prior to the issue of any *Construction Certificate*. Changes in levels may arise from the detailed design of buildings, road, footpath, driveway crossing grades and stormwater. Changes required under *Roads Act* 1993 approvals may necessitate design and levels changes under this consent. This may in turn require the applicant to seek to amend this consent.

Note: See Section K. Advising of this consent titled *Roads Act Application*.

C.5 Soil and Water Management Plan – Submission & Approval

The *principal contractor* or *owner builder* must submit to the *Certifying Authority* a soil and water management plan complying with:

- a) “*Do it Right On Site, Soil and Water Management for the Construction Industry*” published by the Southern Sydney Regional Organisation of Councils, 2001; and
- b) “*Managing Urban Stormwater - Soils and Construction*” published by the NSW Department of Housing 4th Edition” (*The Blue Book*).

Where there is any conflict *The Blue Book* takes precedence. The *Certifying Authority* must be satisfied that the soil and water management plan complies with the publications above prior to issuing any *Construction Certificate*.

Note: This condition has been imposed to eliminate potential water pollution and dust nuisance.

Note: The International Erosion Control Association – Australasia <http://www.austieca.com.au/> lists consultant experts who can assist in ensuring compliance with this condition. Where erosion and sedimentation plans are required for larger projects it is recommended that expert consultants produce these plans.

Note: The “*Do it Right On Site, Soil and Water Management for the Construction Industry*” publications can be down loaded free of charge from <http://www.woollahra.nsw.gov.au/> .

Note: Pursuant to clause 161(1)(a)(5) of the *Regulation an Accredited Certifier* may be satisfied as to this matter.

C.6 Professional Engineering Details

The *Construction Certificate* plans and specifications, required by clause 139 of the Regulation, must include detailed *professional engineering* plans and/or specifications for all structural, electrical, hydraulic, hydro-geological, geotechnical, mechanical and civil work complying with this consent, approved plans, the statement of environmental effects and supporting documentation.

Detailed professional engineering plans and/or specifications must be submitted to the *Certifying Authority* with the application for any *Construction Certificate*.

Note: This does not affect the right of the developer to seek staged Construction Certificates.

C.7 Geotechnical and Hydrogeological Design, Certification and Monitoring

The Construction Certificate plans and specification required to be submitted to the Certifying Authority pursuant to clause 139 of the *Regulation* must be accompanied by a Geotechnical / Hydrogeological Monitoring Program together with civil and structural engineering details for foundation retaining walls, footings, basement tanking, and subsoil drainage systems, as applicable, prepared by a professional engineer, who is suitably qualified and experienced in geotechnical and hydrogeological engineering.

These details must be certified by the professional engineer to:

- a) Provide appropriate support and retention to ensure there will be no ground settlement or movement, during excavation or after construction, sufficient to cause an adverse impact on adjoining property or public infrastructure.
- b) Provide appropriate support and retention to ensure there will be no adverse impact on surrounding property or infrastructure as a result of changes in local hydrogeology (behaviour of groundwater).
- c) Provide a Geotechnical and Hydrogeological Monitoring Program that:
 - will detect any settlement associated with temporary and permanent works and structures,
 - will detect deflection or movement of temporary and permanent retaining structures (foundation walls, shoring bracing or the like),
 - will detect vibration in accordance with AS 2187.2-1993 Appendix J including acceptable velocity of vibration (peak particle velocity),
 - details the location and type of monitoring systems to be utilised,
 - details the pre-set acceptable limits for peak particle velocity and ground water fluctuations,
 - details recommended hold points to allow for the inspection and certification of geotechnical and hydrogeological measures by the professional engineer, and
 - details a contingency plan.

C.8 Ground Anchors

This development consent does NOT give approval to works or structures over, on or under public roads or footpaths excluding minor works subject to separate Road Opening Permit.

The use of permanent ground anchors under Council land is not permitted.

Temporary ground anchors may be permitted, in accordance with Council's "Rock Anchor Policy", where alternative methods of stabilisation would not be practicable or viable, and where there would be benefits in terms of reduced community impact due to a shorter construction period, reduced disruption to pedestrian and vehicular traffic on adjacent public roads, and a safer working environment.

If temporary ground anchors under Council land are proposed, a separate application, including payment of fees, must be made to Council under section 138 of the *Roads Act 1993*. Application forms and Council's "Rock Anchor Policy" are available from Council's website. Approval may be granted subject to conditions of consent. Four weeks should be allowed for assessment.

Note: To ensure that this work is completed to Council's satisfaction, this consent by separate condition, may impose one or more Infrastructure Works Bonds.

Note: *Road* has the same meaning as in the *Roads Act 1993*.

Note: Clause 20 of the *Roads (General) Regulation 2000* prohibits excavation in the vicinity of roads as follows: "**Excavations adjacent to road** - A person must not excavate land in the vicinity of a road if the excavation is capable of causing damage to the road (such as by way of subsidence) or to any work or structure on the road." Separate approval is required under the *Roads Act 1993* for any underpinning, shoring, soil anchoring (temporary) or the like within or under any road. Council will not give approval to permanent underpinning, shoring, soil anchoring within or under any road.

C.9 Parking Facilities

The Construction Certificate plans and specifications required by clause 139 of the *Regulation*, must include detailed plans and specifications for all car parking in compliance with, AS/NZS 2890.1:2004 : *Parking Facilities - Off-Street Car Parking* which includes the following requirement:

- a) Pursuant to Clause 3.2.4 of AS2890.1, a 2m x 2.5m pedestrian sight splay, clear of any obstructions to visibility, shall be provided on both sides of the driveway exit. Alternatively, exceptions to this requirement may be acceptable for this type of development where the height of any proposed structures such as front fence, landscaping and other obstructions in these splay areas are limited to a maximum of 0.9m in accordance with Chapter E1.10.6 of Council's DCP.
- b) Each parking space shall have minimum dimensions of 2.4m x 5.4m, with an additional 300mm shall be added to the width of the space if the side boundary of the space is adjacent to a wall or any obstructions higher than 150mm to comply with Clause 2.4.1 and Figure 5.2 of AS2890.1.

Access levels and grades must comply with access levels and grade required by Council under the *Roads Act 1993*.

The Certifying Authority has no discretion to reduce or increase the number or area of car parking or commercial parking spaces required to be provided and maintained by this consent.

C.10 Stormwater Management Plan

The *Construction Certificate* plans and specifications, required by Clause 139 of the *Regulation*, must include a *Stormwater Management Plan* for the site. The *Stormwater Management Plan* must detail:

- a) General design in accordance with stormwater management plans, referenced 210504, prepared by RTS Civil Consulting Engineers, dated 21/07/2021, other than amended by this and other conditions:
 - 1) The invert level of the rainwater tank overflow must be at least 100mm above the top water level of the on-site detention (OSD) system.
 - 2) The finished level of the OSD tank top slab shall be amended, without compromising the required volume, such that it is consistent with the approved architectural plans
- b) In order to prevent any backwater effects, invert level of the discharge orifice must be designed so that it is set above the HGL of the downstream drainage system where the top of kerb level is to be used as the tailwater level when connecting into the underground drainage system. The tailwater level must be higher than the top of kerb where the

- point of connection is affected by mainstream or overland flooding. No submerged condition and/or the use of non-return valve will be permitted.
- c) Compliance the objectives and performance requirements of the BCA;
 - d) General compliance with the Council's Woollahra DCP 2015 Chapter E2 – Stormwater and Flood Risk Management; and
 - e) The installation of the On-site stormwater detention ("OSD") system.

OSD Requirements

The minimum (OSD) Site Storage Requirements ("SSR") for this development is 66m³ and total Permissible Site Discharge ("PSD") including all bypassed areas must not exceed 89.8l/s.

The *Stormwater Management Plan* must also include the following specific requirements:

Layout plan

A detailed drainage plan at a scale of 1:100 based on drainage calculations prepared in accordance with the Institute of Engineers Australia publication, *Australian Rainfall and Run-off*, 1987 edition or most current version thereof. It must include:

- a) All pipe layouts, dimensions, grades, lengths and material specification,
- b) Location of On-Site Detention,
- c) All invert levels reduced to Australian Height Datum (AHD),
- d) Location and dimensions of all drainage pits,
- e) Point and method of connection to Councils drainage infrastructure, and
- f) Overland flow paths over impervious areas.

On-site Detention (OSD) details:

- a) Any potential conflict between existing and proposed trees and vegetation,
- b) Internal dimensions and volume of the proposed detention storage,
- c) Diameter of the outlet to the proposed detention storage basin,
- d) Plans, elevations and sections showing the detention storage basin invert level, centre-line level of outlet, top water level, finished surface level and adjacent structures,
- e) Details of access and maintenance facilities,
- f) Construction and structural details of all tanks and pits and/or manufacturer's specifications for proprietary products,
- g) Details of the emergency overland flow-path (to an approved Council drainage point) in the event of a blockage to the on-site detention system,
- h) Non-removable fixing details for orifice plates where used,

Rainwater Reuse System details:

- a) Any potential conflict between existing and proposed trees and vegetation,
- b) Internal dimensions and volume of the proposed rainwater storage,
- c) Plans, elevations and sections showing the rainwater tanks, finished surface level and adjacent structures,
- d) Details of access and maintenance facilities,
- e) Construction and structural details of all tanks and pits and/or manufacturer's specifications for proprietary first flush products,
- f) Details of the emergency overland flow-path (to an approved Council drainage point) in the event of a blockage to the rainwater tanks,

Where any new Stormwater Drainage System crosses the footpath area within any road, separate approval under section 138 of the *Roads Act 1993* must be obtained from Council for those works prior to the issue of any Construction Certificate.

Note: This Condition is imposed to ensure that site stormwater is disposed of in a controlled and sustainable manner.

Note: The collection, storage and use of rainwater is to be in accordance with *Standards Australia HB230-2008 "Rainwater Tank Design and Installation Handbook"*.

C.11 Flood protection

The Construction Certificate plans and specifications, required by clause 139 of the *Regulation*, must include a Flood Risk Management Plan on the basis of the Flood Planning Level (FPL) detailing:

- a) A permanent flood risk management plan shall be installed in a prominent area of the garage.
- b) A permanent flood risk management plan shall be installed in an area frequented by the residents such as the laundry.
- c) The Village High Road driveway entrance shall be protected by a physical threshold set at a minimum of 400mm above the adjacent gutter invert level.
- d) Flood compatible materials shall be used for all flood exposed construction.
- e) All flood exposed electrical wiring and equipment shall be waterproofed.
- f) All flood protection measures shall be inspected and certified as fit for purpose after construction is complete by an engineer experienced in flood mitigation.

Flood protection is to comply with Woollahra DCP 2015, Part E “General Controls for All Development” Chapter E2 “Stormwater and Flood Risk Management” DCP

Note: The revised driveway profile, gradients and transitions must be in accordance with Australian Standard 2890.1 – 2004, Part 1 (Off-street car parking). The driveway profile submitted to Council must contain all relevant details: reduced levels, proposed grades and distances. Council will not allow alteration to existing reduced levels within the road or any other public place to achieve flood protection.

C.12 Checking Construction Certificate Plans – Protecting Assets Owned by Sydney Water

The approved plans must be submitted to Sydney Water Tap In™ online service to determine whether the development will affect any Sydney Water wastewater and water mains, stormwater drains and/or easement, and any requirements need to be met.

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

- building plan approvals
- connection and disconnection approvals
- diagrams
- trade waste approvals
- pressure information
- water meter installations
- pressure boosting and pump approvals
- changes to an existing service or asset, e.g. relocating or moving an asset.

Note: For more information go to Sydney Water www.sydneywater.com.au/tapin/index.htm and www.sydneywater.com.au/SW/plumbing-building-developing/building/building-over-or-next-to-assets/index.htm or call 1300 082 746.

C.13 Light & Ventilation

The *Construction Certificate* plans and specifications, required to be submitted to the *Certifying Authority* pursuant to clause 139 of the *Regulation*, must detail all a lighting, mechanical ventilation or air-conditioning systems complying with Part F.4 of the *BCA* or clause 3.8.4 and 3.8.5 of the *BCA* Housing Provisions, inclusive of [AS 1668.1](#), [AS 1668.2](#) and [AS/NZS 3666.1](#). If an alternate solution is proposed then the *Construction Certificate* application must include a statement as to how the performance requirements of the *BCA* are to be complied with and support the performance based solution by expert *evidence of suitability*. This condition does not set aside the mandatory requirements of the *Public Health (Microbial Control) Regulation* 2000 in relation to *regulated systems*. This condition does not set aside the effect of the *Protection of the Environment Operations Act* 1997 in relation to offensive noise or odour.

Note: Clause 98 of the *Regulation* requires compliance with the *BCA*. Clause 145 of the *Regulation* prevents the issue of a *Construction Certificate* unless the *Accredited Certifier/Council* is satisfied that compliance has been achieved. Schedule 1, Part 3 of the *Regulation* details what information must be submitted with any *Construction Certificate*. It is the Applicant's responsibility to demonstrate compliance through the *Construction Certificate* application process. Applicants must also consider possible noise and odour nuisances that may arise. The provisions of the *Protection of the Environment Operations Act* 1997 have overriding effect if offensive noise or odour arises from the use. Applicant's must pay attention to the location of air intakes and air exhausts relative to sources of potentially contaminated air and neighbouring windows and air intakes respectively, see section 2 and 3 of [AS 1668.2](#).

C.14 Utility Services Generally

The *Construction Certificate* plans and specifications, required by clause 139 of the *Regulation*, must demonstrate that all utility services (telecommunications, electricity, gas, water and waste water) will be provided underground. All service ducts, pipes and conduits must be provided within the fabric of the building (excluding stormwater down pipes).

Where telecommunications and electricity are provided from existing poles in the road they must, in accordance with the relevant suppliers' requirements, be

carried to the site underground directly to the main switch board within the fabric of the building.

Note: Where adequate provision has not been made for an electrical sub-station within the building, this may necessitate the lodgement of an application to amend this consent under section 4.55 of the *Act* to detail the location, landscape/streetscape impacts and compliance with AS2890 as applicable.

The location of service poles and substations required by the relevant suppliers must be shown upon the plans submitted with any Construction Certificate application together with a letter from each relevant supplier setting out their requirements.

Proposed water pipes, waste pipes, stack work, duct work, mechanical ventilation plant and the like must be located within the building unless expressly shown upon the approved DA plans. Details confirming compliance with this condition must be shown on the Construction Certificate plans and/or detailed within the Construction Certificate specifications. Required external vents or vent pipes on the roof or above the eaves must be shown on the Construction Certificate plans.

Note: The intent of this condition is that the design quality of the development must not be compromised by cables, pipes, conduits, ducts, plant, equipment, electricity substations or the like placed such that they are visible from any adjoining public place. They must be contained within the building unless shown otherwise by the approved development consent plans.

The Construction Certificate plans and specifications, required to be submitted to the Certifying Authority pursuant to clause 139 of the *Regulation*, must detail the replacement of all private sewer pipes between all sanitary fixtures and Sydney Water's sewer main where they are not found by inspection to be UPVC or copper with continuously welded joints.

Note: This condition has been imposed to ensure that where private sewer pipes are old, may leak or may be subject to root invasion (whether from existing or proposed private or public landscaping) that existing cast iron, concrete, earthenware or terracotta pipes be replaced with new UPVC or

copper continuously welded pipes between all sanitary fixtures and Sydney Waters sewer main. Leaking sewer pipes are a potential source of water pollution, unsafe and unhealthy conditions which must be remedied in the public interest.

C.15 Waste Storage – Single Dwelling

The Construction Certificate plans and specifications required by clause 139 of the *Regulation*, must make provision for:

- a) A storage area for 1 x 120 litre general wastes bin, one x 240 litre green waste bin, two x recycling crates behind the building line or within non-habitable areas of the dwelling.
- b) A path for wheeling bins between the waste and recycling storage area and the collection point free of steps and kerbs and having a maximum grade of 1:8.

C.16 Swimming and Spa Pools – Child Resistant Barriers

The Construction Certificate plans and specifications required by clause 139 of the *Regulation* must demonstrate compliance (by showing the proposed location of all child-resistant barriers and the resuscitation sign) with the provisions of the *Swimming Pools Act 1992* and the Building Code of Australia.

Approval is not granted for the modification of any boundary fencing beyond what is authorised by the stamped approved plans, as modified by any condition of consent or what is permitted to be carried out as 'exempt development' pursuant to *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008*.

Note: A statement to the effect that isolation swimming pool fencing complying with AS1926 will be installed does not satisfy this condition. The location of the required barriers and the sign must be detailed upon the *Construction Certificate* plans.

C.17 Swimming and Spa Pools – Backwash

The Construction Certificate plans and specification required to be submitted pursuant to clause 139 of the *Regulation* must detail the connection of

backwash to Sydney Waters sewer in compliance with clause 10.9 (Figure 10.2) of AS/NZS 3500.2.2:1996.

Note: The plans must show the location of Sydney Water's sewer, the yard gully or any new connection to the sewer system including a detailed cross section of the connection complying with clause 10.9 (Figure 10.2) of AS/NZS 3500.2.2:1996.

Note: The discharge of backwash water to any stormwater system is water pollution and an offence under the *Protection of the Environment Operations Act 1997*. The connection of any backwash pipe to any stormwater system is an offence under the *Protection of the Environment Operations Act 1997*.

C.18 Electric vehicle circuitry and electric vehicle charging point requirements

An accurate electrical plan of all off-street car parking spaces must be prepared by a suitably qualified person and it must include details and specifications to illustrate how the off-street car parking spaces will be constructed with the capacity to install at a minimum, a 'Level 2' (single phase, 7Kw power) electric vehicle charger point. This plan must be submitted to the certifier, prior to the issue of the construction certificate.

C.19 Tree Management Plan

The *Construction Certificate* plans and specifications shall show the following information:

- a) Trees to be numbered in accordance with these conditions:
 - shaded green where required to be retained and protected
 - shaded red where authorised to be removed
 - shaded yellow where required to be transplanted
 - shaded blue where required to be pruned
- b) References to applicable tree management plan, arborists report or transplant method statement.

This plan shall be kept on site until the issue of the final occupation certificate.

D. Conditions which must be satisfied prior to the commencement of any development work

D.1 Compliance with Building Code of Australia and insurance requirements under the [Home Building Act 1989](#)

For the purposes of section 4.17(11) of the *Act*, the following conditions are prescribed in relation to a development consent for development that involves any building work:

- a) that the work must be carried out in accordance with the requirements of the Building Code of Australia,
- b) in the case of residential building work for which the [Home Building Act 1989](#) requires there to be a contract of insurance in force in accordance with Part 6 of that Act, that such a contract of insurance is in force before any building work authorised to be carried out by the consent commences.

This condition does not apply:

- a) to the extent to which an exemption is in force under the *Home Building Regulation 2004*, or
- b) to the erection of a temporary building.

In this condition, a reference to the BCA is a reference to that code as in force on the date the application for the relevant Construction Certificate is made.

Note: This condition must be satisfied prior to commencement of any work in relation to the contract of insurance under the *Home Building Act 1989*. This condition also has effect during the carrying out of all building work with respect to compliance with the Building Code of Australia.

Note: All new guttering is to comply with the provisions of Part 3.5.2 of the Building Code of Australia.

D.2 Aboriginal Heritage – Induction

Prior to any ground disturbance works commencing on site, all construction staff and contractors must be made aware of their statutory obligations for

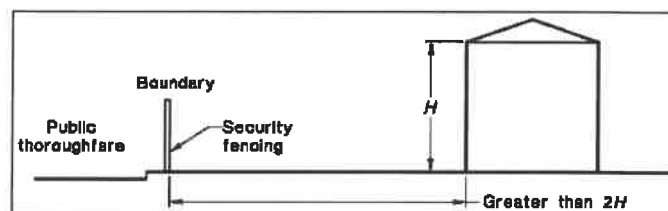
Aboriginal heritage under the National Parks and Wildlife Act 1974. This must be implemented as a heritage induction programme provided by a heritage consultant with Aboriginal heritage expertise.

D.3 Salvage of Building Material

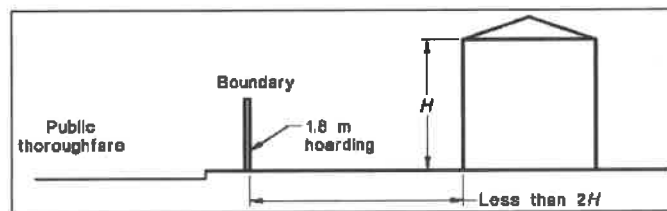
- a) Stone, timber joinery and decorative architectural elements to be demolished, which include leadlight windows, original doors, timber flooring and ceiling roses must be catalogued, labelled, salvaged and where possible reused on the project.
- b) Salvaged building materials surplus to the project must either be stored on site for future reuse, or transferred to an established second building material dealer for recycling.

D.4 Security Fencing, Hoarding and Overhead Protection

Security fencing must be provided around the perimeter of the development site, including any additional precautionary measures taken to prevent unauthorised entry to the site at all times during the demolition, excavation and construction period. Security fencing must be the equivalent 1.8m high chain wire as specified in AS 1725.



Where the development site adjoins a public thoroughfare, the common boundary between them must be fenced for its full length with a hoarding, unless the least horizontal distance between the common boundary and the nearest parts of the structure is greater than twice the height of the structure. The hoarding must be constructed of solid materials (chain wire or the like is not acceptable) to a height of not less than 1.8m adjacent to the thoroughfare.

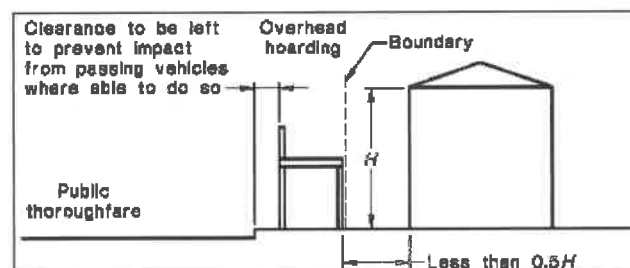


Where a development site adjoins a public thoroughfare with a footpath alongside the common boundary then, in addition to the hoarding required above, the footpath must be covered by an overhead protective structure and the facing facade protected by heavy-duty scaffolding, unless either:

- the vertical height above footpath level of the structure being demolished is less than 4.0m; or
- the least horizontal distance between footpath and the nearest part of the structure is greater than half the height of the structure.

The overhead structure must consist of a horizontal platform of solid construction and vertical supports, and the platform must:

- extend from the common boundary to 200mm from the edge of the carriageway for the full length of the boundary,
- have a clear height above the footpath of not less than 2.1m,
- terminate 200mm from the edge of the carriageway (clearance to be left to prevent impact from passing vehicles) with a continuous solid upstand projecting not less than 0.5m above the platform surface, and
- together with its supports, be designed for a uniformly distributed live load of not less than 7 kPa.



The Principal Contractor or Owner-builder must pay all fees associated with the application and occupation and use of the road (footway) for required hoarding or overhead protection.

The Principal Contractor or Owner-builder must ensure that overhead protective structures are installed and maintained in accordance with the NSW "Code of Practice - Overhead Protective Structures 1995". This is code

available at

[www.safework.nsw.gov.au/ data/assets/pdf file/0008/52883/Overhead-protective-structures-Code-of-practice.pdf](http://www.safework.nsw.gov.au/data/assets/pdf_file/0008/52883/Overhead-protective-structures-Code-of-practice.pdf)

Security fencing, hoarding and overhead protective structure must not obstruct access to utilities services including but not limited to man holes, pits, stop valves, fire hydrants or the like.

Note: The Principal Contractor or Owner must allow not less than two (2) weeks from the date of making a hoarding application for determination. Any approval for a hoarding or overhead protection under the *Roads Act 1993* will be subject to its own conditions and fees.

D.5 Site Signs

The *Principal Contractor* or *owner builder* must ensure that the sign/s required by clauses 98A and 227A of the *Regulation* is/are erected and maintained at all times.

Clause 98A of the *Regulation* provides:

Erection of signs

- For the purposes of section 80A (11) of the *Act*, the requirements of subclauses (2) and (3) are prescribed as conditions of a development consent for development that involves any building work, subdivision work or demolition work.
- A sign must be erected in a prominent position on any site on which building work, subdivision work or demolition work is being carried out:
 - a. showing the name, address and telephone number of the principal certifying authority for the work, and
 - b. showing the name of the principal contractor (if any) for any building work and a telephone number on which that person may be contacted outside working hours, and
 - c. stating that unauthorised entry to the work site is prohibited.

- Any such sign is to be maintained while the building work, subdivision work or demolition work is being carried out, but must be removed when the work has been completed.
- This clause does not apply in relation to building work, subdivision work or demolition work that is carried out inside an existing building that does not affect the external walls of the building.
- This clause does not apply in relation to Crown building work that is certified, in accordance with section 116G of the Act, to comply with the technical provisions of the State's building laws."

Clause 227A of the Regulation provides:

Signs on development sites

If there is a person who is the PCA or the principal contractor for any building work, subdivision work or demolition work authorised to be carried out on a site by a development consent or complying development certificate:

- Each such person **MUST** ensure that a rigid and durable sign showing the person's identifying particulars so that they can be read easily by anyone in any public road or other public place adjacent to the site is erected in a prominent position on the site before the commencement of work, and is maintained on the site at all times while this clause applies until the work has been carried out.

Note: Clause 227A imposes a penalty exceeding \$1,000 if these requirements are not complied with.

Note: If *Council* is appointed as the *PCA* it will provide the sign to the *principal contractor* or *owner builder* who must ensure that the sign is erected and maintained as required by Clause 98A and Clause 227A of the *Regulation*.

D.6 Toilet Facilities

Toilet facilities are to be provided, at or in the vicinity of the work site on which work involved in the erection or demolition of a building is being carried out, at the rate of one toilet for every 20 persons or part of 20 persons employed at the site. Each toilet provided:

- a) must be a standard flushing toilet, and
- b) must be connected to a public sewer, or
- c) if connection to a public sewer is not practicable, to an accredited sewage management facility approved by the council, or
- d) if connection to a public sewer or an accredited sewage management facility is not practicable, to some other sewage management facility approved by the council.

The provision of toilet facilities in accordance with this condition must be completed before any other work is commenced.

In this condition:

accredited sewage management facility means a sewage management facility to which Division 4A of Part 3 of the *Local Government (Approvals) Regulation 1993* applies, being a sewage management facility that is installed or constructed to a design or plan the subject of a certificate of accreditation referred to in clause 95B of the *Local Government (Approvals) Regulation 1993*.

approved by the council means the subject of an approval in force under Division 1 of Part 3 of the *Local Government (Approvals) Regulation 1993*.

public sewer has the same meaning as it has in the *Local Government (Approvals) Regulation 1993*.

sewage management facility has the same meaning as it has in the *Local Government (Approvals) Regulation 1993*.

Note: This condition does not set aside the requirement to comply with Workcover NSW requirements.

D.7 Building - Construction Certificate, Appointment of Principal Certifier, Appointment of Principal Contractor and Notice of Commencement (Part 6, Division 6.3 of the Act)

The erection of the building in accordance with this development consent must not be commenced until:

- a) A Construction Certificate for the building work has been issued by the consent authority, the Council (if the Council is not the consent authority) or an accredited Certifier, and
- b) The person having the benefit of the development consent has:
 - appointed a Principal Certifier for the building work, and
 - notified the Principal Certifier that the person will carry out the building work as an Owner-builder, if that is the case, and
- c) The Principal Certifier has, no later than 2 days before the building work commences:
 - notified the consent authority and the Council (if the Council is not the consent authority) of his or her appointment, and
 - notified the person having the benefit of the development consent of any critical stage inspections and other inspections that are to be carried out in respect of the building work, and
- d) The person having the benefit of the development consent, if not carrying out the work as an Owner-builder, has:
 - appointed a Principal Contractor for the building work who must be the holder of a contractor licence if any residential building work is involved, and
 - notified the Principal Certifier of any such appointment, and
 - unless that person is the Principal Contractor, notified the Principal Contractor of any critical stage inspections and other inspections that are to be carried out in respect of the building work, and
 - given at least 2 days' notice to the Council of the person's intention to commence the erection of the building.

Note: *building* has the same meaning as in section 1.4 of the Act and includes part of a building and any structure or part of a structure.

Note: *new building* has the same meaning as in section 6.1 of the Act and includes an altered portion of, or an extension to, an existing building.

Note: The commencement of demolition works associated with an altered portion of, or an extension to, an existing building is considered to be the commencement of building work requiring compliance with section 6.6(2) of the Act (including the need for a Construction Certificate) prior to any demolition work. See: *Over our Dead Body Society Inc v Byron Bay Community Association Inc* [2001] NSWLEC 125.

Note: Construction Certificate Application, PC Service Agreement and Notice of Commencement forms can be downloaded from Council's website www.woollahra.nsw.gov.au

Note: It is an offence for any person to carry out the erection of a *building* in breach of this condition and in breach of section 6.6(2) of the *Act*.

D.8 Dilapidation Reports for existing buildings

Dilapidation surveys and dilapidation reports shall be conducted and prepared by a *professional engineer* (structural) for all buildings and/or structures that are located within the likely "zone of influence" of any excavation, dewatering and/or construction induced vibration as determined applicable by a Structural Engineer.

These properties to be assessed by the Structural Engineer must include (but is not limited to):

- 83 Hopetoun Avenue
- 91 Hopetoun Avenue

All required dilapidation reports must be completed and submitted to the *Certifying Authority* with a copy submitted to Council with the *Notice of Commencement* prior to the commencement of any *development work*.

Where excavation of the site will extend below the level of any immediately adjoining building the *principal contractor* or *owner builder* must give the adjoining building owner(s) a copy of the dilapidation report for their building(s) and a copy of the *notice of commencement* required by S81A(2) of the *Act* not less than two (2) days prior to the commencement of any work.

Note: The reasons for this condition are:

- To provide a record of the condition of buildings prior to development being carried out
 - To encourage developers and its contractors to use construction techniques that will minimise the risk of damage to buildings on neighbouring land
- Also refer to the Dilapidation Report Advising for more information regarding this condition

D.9 Adjoining Buildings Founded on Loose Foundation Materials

The Principal Contractor must ensure that a professional engineer determines the possibility of any adjoining buildings founded on loose foundation materials being affected by piling, piers or excavation. The professional engineer (geotechnical consultant) must assess the requirements for underpinning any adjoining or adjacent buildings founded on such soil on a case by case basis and the Principal Contractor must comply with any reasonable direction of the professional engineer.

Note: A failure by contractors to adequately assess and seek professional engineering (geotechnical) advice to ensure that appropriate underpinning and support to adjoining land is maintained prior to commencement may result in damage to adjoining land and buildings. Such contractors are likely to be held responsible for any damages arising from the removal of any support to supported land as defined by section 177 of the *Conveyancing Act 1919*.

D.10 Works (Construction) Zone – Approval and Implementation

A Works Zone may be required for this development. The Principal Contractor or Owner can apply for a works zone. If the works zone is approved the Principal Contractor or Owner must pay all fees for this Works Zone before it can be installed.

The Principal Contractor must pay all fees associated with the application and occupation and use of the road as a Works Zone. All Works Zone signs must have been erected by Council to permit enforcement of the Works Zone by Council's Rangers and NSW Police before commencement of any work. Signs are not erected until full payment of works zone fees.

Note: The Principal Contractor or Owner must allow not less than four to six weeks (for routine applications) from the date of making an application to the Traffic Committee (Woollahra Local Traffic Committee) constituted under the clause 22 of the *Transport Administration (General) Regulation 2000* to exercise those functions delegated by the Roads and Maritime Services under section 50 of the *Transport Administration Act 1988*.

Note: The enforcement of the works zone is at the discretion of Council's Rangers and the NSW Police Service. The Principal Contractor must

report any breach of the works zone to either Council or the NSW Police Service.

D.11 Erosion and Sediment Controls – Installation

The *principal contractor or owner builder* must install and maintain water pollution, erosion and sedimentation controls in accordance with:

- a) The *Soil and Water Management Plan* if required under this consent;
- b) “*Do it Right On Site, Soil and Water Management for the Construction Industry*” published by the Southern Sydney Regional Organisation of Councils, 2001; and
- c) “*Managing Urban Stormwater - Soils and Construction*” published by the NSW Department of Housing 4th Edition” (‘The Blue Book’).

Where there is any conflict The Blue Book takes precedence.

Note: The International Erosion Control Association – Australasia (<http://www.austieca.com.au/>) lists consultant experts who can assist in ensuring compliance with this condition. Where Soil and Water Management Plan is required for larger projects it is recommended that this be produced by a member of the International Erosion Control Association – Australasia.

Note: The “Do it Right On Site, Soil and Water Management for the Construction Industry” publications can be down loaded free of charge from www.woollahra.nsw.gov.au.

Note: A failure to comply with this condition may result in penalty infringement notices, prosecution, notices and orders under the Act and/or the *Protection of the Environment Operations Act 1997* **without any further warning**. It is a criminal offence to cause, permit or allow pollution.

Note: Section 257 of the *Protection of the Environment Operations Act 1997* provides inter alia that “the occupier of premises at or from which any pollution occurs is taken to have caused the pollution”

Warning: Irrespective of this condition any person occupying the site may be subject to proceedings under the *Protection of the Environment Operations Act 1997* where pollution is caused, permitted or allowed as the result of their occupation of the land being developed.

D.12 Notification of Home Building Act 1989 requirements

- a) For the purposes of section 4.17(11) of the *Act*, the requirements of this condition are prescribed as conditions of a development consent for development that involves any residential building work within the meaning of the Home Building Act 1989.
- b) Residential building work within the meaning of the Home Building Act 1989 must not be carried out unless the Principal Certifier for the development to which the work relates (not being the Council) has given the Council written notice of the following information:
 - In the case of work for which a Principal Contractor is required to be appointed:
 - the name and licence number of the Principal Contractor, and
 - the name of the insurer by which the work is insured under Part 6 of that Act,
 - In the case of work to be done by an Owner-builder:
 - the name of the Owner-builder, and
 - if the Owner-builder is required to hold an Owner-builder permit under that Act, the number of the Owner-builder permit.
- c) If arrangements for doing the residential building work are changed while the work is in progress so that the information notified under subclause (2) becomes out of date, further work must not be carried out unless the Principal Certifier for the development to which the work relates (not being the Council) has given the Council written notice of the updated information.
- d) This clause does not apply in relation to Crown building work that is certified, in accordance with section 6.28 of the *Act*, to comply with the Building Code of Australia.

D.13 Establishment of Boundary Location, Building Location and Datum

Prior to the commencement of any work the Principal Contractor or Owner-builder must ensure that a surveyor registered under the *Surveying and Spatial Information Act 2002* sets out:

- a) the boundaries of the site by permanent marks (including permanent recovery points),
- b) the location and level of foundation excavations, footings, walls and slabs by permanent marks, pegs or profiles relative to the boundaries of the land and relative to Australian Height Datum (AHD) in compliance with the approved plans,
- c) establishes a permanent datum point (bench mark) within the boundaries of the site relative to AHD, and

- d) provides a copy of a survey report by the registered surveyor detailing, the title boundaries, pegs/profiles, recovery points and bench mark locations as established pursuant to this condition to the Principal Certifier.

Note: Where the Principal Contractor or Owner-builder notes any discrepancy between the approved development consent and the Construction Certificate, especially in relation to the height, location or external configuration of the building (but not limited to these issues) the Principal Contractor or Owner-builder should not proceed until satisfied that the variations as shown are consistent with the consent. Failure to do so may result in a breach of development consent.

Note: On larger developments, or where boundary redefinition is required, the placement of new State Survey Marks as permanent marks should be considered by the registered surveyor.

E. Conditions which must be satisfied during any development work

E.1 Compliance with BCA and Insurance Requirements under the [Home Building Act 1989](#)

For the purposes of section 4.17(11) of the *Act*, the following condition is prescribed in relation to a development consent for development that involves any building work:

- a) that the work must be carried out in accordance with the requirements of the Building Code of Australia (BCA),
- b) in the case of residential building work for which the [Home Building Act 1989](#) requires there to be a contract of insurance in force in accordance with Part 6 of that Act, that such a contract of insurance is in force before any building work authorised to be carried out by the consent commences.

This condition does not apply:

- a) to the extent to which an exemption is in force under clause 187 or 188, subject to the terms of any condition or requirement referred to in clause 187 (6) or 188 (4) of the *Regulation*, or
- b) to the erection of a temporary building.

In this clause, a reference to the BCA is a reference to that Code as in force on the date the application for the relevant Construction Certificate is made.

Note: All new guttering is to comply with the provisions of Part 3.5.2 of the Building Code of Australia.

E.2 Skeletal Remains

If any skeletal remains suspected of being human are found during construction works, work must cease immediately and no further disturbance of the site must occur. The NSW Police and the Department of Premier and Cabinet, Community Engagement, Heritage must be notified and details of the remains and their precise location are to be provided.

E.3 Aboriginal Objects – Unexpected Findings

If unexpected Aboriginal objects or bones are found during any activity associated with this consent, you must:

- a) Not further disturb or move these objects or bones.
- b) Immediately cease all work at the particular location.
- c) In the case of suspected human remains, notify NSW Police.
- d) Notify the Heritage NSW Environment Line on 131 555 and the La Perouse LALC on (02) 9311 4282 as soon as practicable and provide available details of the objects or remains and their location.
- e) Not recommence any work at the particular location unless authorised in writing by Heritage NSW. Additional assessment and approval pursuant to the *National Parks and Wildlife Act 1974* may be required prior to works continuing in the affected area(s) based on the nature of the discovery.

Note: The Definition of Aboriginal object as per the Woollahra Local Environmental Plan 2014: any deposit, object or other material evidence (not being a handicraft made for sale) relating to the Aboriginal habitation of an area of New South Wales, being habitation before or concurrent with (or both) the occupation of that area by persons of non-Aboriginal extraction, and includes Aboriginal remains.

E.4 Aboriginal Heritage Due Diligence Responsibilities

Nothing in this approval allows to cause harm to an Aboriginal object as defined in the *National Parks & Wildlife Act 1974*. Under the *National Parks & Wildlife Act 1974*, it is an offence to harm Aboriginal 'objects' (consisting of any material evidence of the Aboriginal occupation of NSW) without a valid Aboriginal Heritage Impact Permit under Section 90 of the Act. This applies whether the harm occurs either knowingly [s86(1)] or unknowingly [s86(2)].

It is a defence to the strict liability offence of harm to an Aboriginal object under s86(2) if a process of Due Diligence was followed which reasonably determined that the proposed activity would not harm an Aboriginal object.

E.5 Public Footpaths – Safety, Access and Maintenance

The *principal contractor or owner builder* and any other person acting with the benefit of this consent must:

- a) Not erect or maintain any gate or fence swing out or encroaching upon the road or the footway.
- b) Not use the road or footway for the storage of any article, material, matter, waste or thing.
- c) Not use the road or footway for any *work*.
- d) Keep the road and footway in good repair free of any trip hazard or obstruction.
- e) Not stand any plant and equipment upon the road or footway.
- f) Provide a clear safe pedestrian route a minimum of 1.5m wide.
- g) Protect street name inlays in the footpath which are not to be removed or damaged during development.

This condition does not apply to the extent that a permit or approval exists under the section 73 of the *Road Transport (Safety and Traffic Management) Act 1999*, section 138 of the *Roads Act 1993* or section 94 of the *Local Government Act 1993* except that at all time compliance is required with:

- a) Australian Standard AS 1742 (Set) Manual of uniform traffic control devices and all relevant parts of this set of standards.
- b) Australian Road Rules to the extent they are adopted under the *Road Transport (Safety and Traffic Management) (Road Rules) Regulation 1999*.

Note: Section 73 of the *Road Transport (Safety and Traffic Management) Act 1999* allows the Police to close any road or road related area to traffic during any temporary obstruction or danger to traffic or for any temporary purpose. Any road closure requires Police approval.

Note: Section 138 of the *Roads Act* 1993 provides that a person must not:

- erect a structure or carry out a work in, on or over a public road, or
- dig up or disturb the surface of a public road, or
- remove or interfere with a structure, work or tree on a public road, or
- pump water into a public road from any land adjoining the road, or
- connect a road (whether public or private) to a classified road, otherwise than with the consent of the appropriate roads authority.

Note: Section 68 of the *Local Government Act* 1993 provides that a person may carry out certain activities only with the prior approval of the council including:

- Part C Management of Waste:
 - a. For fee or reward, transport waste over or under a public place
 - b. Place waste in a public place
 - c. Place a waste storage container in a public place.”
- Part E Public roads:
 - a. Swing or hoist goods across or over any part of a public road by means of a lift, hoist or tackle projecting over the footway
 - b. Expose or allow to be exposed (whether for sale or otherwise) any article in or on or so as to overhang any part of the road or outside a shop window or doorway abutting the road, or hang an article beneath an awning over the road.”
 - c. Any work in, on or over the Road or Footway requires *Council* Approval and in the case of classified roads the NSW Roads and Traffic Authority. Road includes that portion of the road uses as a footway.

E.6 Maintenance of Environmental Controls

The *principal contractor* or *owner builder* must ensure that the following monitoring, measures and controls are maintained:

- a) Erosion and sediment controls,
- b) Dust controls,
- c) Dewatering discharges,
- d) Noise controls;
- e) Vibration monitoring and controls;

f) Ablutions.

Note: See http://www.epa.nsw.gov.au/small_business/builders.htm for additional information.

E.7 Compliance with Geotechnical / Hydrogeological Monitoring Program

Excavation must be undertaken in accordance with the recommendations of the Geotechnical / Hydrogeological Monitoring Program and any oral or written direction of the supervising professional engineer.

The Principal Contractor and any sub-contractor must strictly follow the Geotechnical / Hydrogeological Monitoring Program for the development including, but not limited to:

- a) the location and type of monitoring systems to be utilised,
- b) recommended hold points to allow for inspection and certification of geotechnical and hydrogeological measures by the professional engineer, and
- c) the contingency plan.

Note: The consent authority cannot require that the author of the geotechnical/hydrogeological report submitted with the development application to be appointed as the professional engineer supervising the work however, it is the Council's recommendation that the author of the report be retained during the construction stage.

E.8 Support of Adjoining Land and Buildings

A person must not do anything on or in relation to the site (the supporting land) that removes the support provided by the supporting land to any other land (the supported land) or building (the supported building).

For the purposes of this condition, supporting land includes the natural surface of the site, the subsoil of the site, any water beneath the site, and any part of the site that has been reclaimed.

Note: This condition 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 considered necessary upon any adjoining or supported land by any person the Principal Contractor or Owner-builder must obtain:

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

Note: 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).

Note: Clause 20 of the *Roads Regulation 2008* prohibits excavation in the vicinity of roads as follows: **“Excavations adjacent to road** - A person must not excavate land in the vicinity of a road if the excavation is capable of causing damage to the road (such as by way of subsidence) or to any work or structure on the road.” Separate approval is required under the *Roads Act 1993* for any underpinning, shoring, soil anchoring (temporary) or the like within or under any road. Council will not give approval to permanent underpinning, shoring, soil anchoring within or under any road.

Note: The encroachment of work or the like is a civil matter of trespass or encroachment and Council does not adjudicate or regulate such trespasses or encroachments except in relation to encroachments upon any road, public place, Crown land under Council's care control or management, or any community or operational land as defined by the *Local Government Act 1993*.

E.9 Vibration Monitoring

Vibration monitoring equipment must be installed and maintained, under the supervision of a professional engineer with expertise and experience in geotechnical engineering, between any potential source of vibration and any *building* identified by the professional engineer as being potentially at risk of movement or damage from settlement and/or vibration during the excavation

and during the removal of any excavated material from the land being developed.

If vibration monitoring equipment detects any vibration at the level of the footings of any adjacent building exceeding the peak particle velocity adopted by the professional engineer as the maximum acceptable peak particle velocity an audible alarm must activate such that the Principal Contractor and any sub-contractor are easily alerted to the event.

Where any such alarm triggers all excavation works must cease immediately.

Prior to the vibration monitoring equipment being reset by the professional engineer and any further work recommencing the event must be recorded and the cause of the event identified and documented by the professional engineer.

Where the event requires, in the opinion of the professional engineer, any change in work practices to ensure that vibration at the level of the footings of any adjacent building does not exceed the peak particle velocity adopted by the professional engineer as the maximum acceptable peak particle velocity these changes in work practices must be documented and a written direction given by the professional engineer to the Principal Contractor and any sub-contractor clearly setting out required work practice.

The Principal Contractor and any sub-contractor must comply with all work directions, verbal or written, given by the professional engineer.

A copy of any written direction required by this condition must be provided to the Principal Certifier within 24 hours of any event.

Where there is any movement in foundations such that damaged is occasioned to any adjoining *building* or such that there is any removal of support to *supported land* the professional engineer, Principal Contractor and any sub-contractor responsible for such work must immediately cease all work, inform the owner of that *supported land* and take immediate action under the direction of the professional engineer to prevent any further damage and restore support to the *supported land*.

Note: *professional engineer* has the same mean as in clause A1.1 of the BCA.

Note: *building* has the same meaning as in section 1.4 of the Act i.e. “*building* includes part of a building and any structure or part of a structure...”

Note: *supported land* has the same meaning as in the *Conveyancing Act 1919*.

E.10 Erosion and Sediment Controls – Maintenance

The *principal contractor* or *owner builder* must maintain water pollution, erosion and sedimentation controls in accordance with:

- a) The Soil and Water Management Plan required under this consent;
- b) “*Do it Right On Site, Soil and Water Management for the Construction Industry*” published by the Southern Sydney Regional Organisation of Councils, 2001; and
- c) “*Managing Urban Stormwater - Soils and Construction*” published by the NSW Department of Housing 4th Edition (“*The Blue Book*”).

Where there is any conflict *The Blue Book* takes precedence.

Note: A failure to comply with this condition may result in penalty infringement notices, prosecution, notices and orders under the Act and/or the Protection of the Environment Operations Act 1997 without any further warning. It is a criminal offence to cause, permit or allow pollution.

Note: Section 257 of the Protection of the Environment Operations Act 1997 provides that “the occupier of premises at or from which any pollution occurs is taken to have caused the pollution”.

Warning: Irrespective of this condition any person occupying the site may be subject to proceedings under the Protection of the Environment Operations Act 1997 where pollution is caused, permitted or allowed as the result of the occupation of the land being developed whether or not they actually cause the pollution.

E.11 Disposal of site water during construction

The principal contractor or owner builder must ensure:

- a) Prior to pumping any water into the road or public stormwater system that approval is obtained from *Council* under section 138(1)(d) of the *Roads Act 1993*;
- b) That *water pollution*, as defined by the *Protection of the Environment Operations Act 1997*, does not occur as the result of the discharge to the road, public stormwater system or other place or any site water;
- c) That stormwater from any roof or other impervious areas is linked, via temporary downpipes and stormwater pipes, to a Council approved stormwater disposal system immediately upon completion of the roof installation or work creating other impervious areas.

Note: This condition has been imposed to ensure that adjoining and neighbouring land is not adversely affected by unreasonable overland flows of stormwater and that site water does not concentrate water such that they cause erosion and water pollution.

E.12 Site Cranes

Site crane(s) and hoist(s) may be erected within the boundary of the land being developed subject to compliance with Australian Standards AS 1418, AS 2549 and AS 2550 and all relevant parts to these standards.

Cranes must not swing or hoist over any public place unless the Principal Contractor or Owner-builder have the relevant approval under the *Local Government Act 1993*, *Crown Lands Act 1989* or *Roads Act 1993*.

The crane must not be illuminated outside approved working hours other than in relation to safety beacons required by the Civil Aviation Safety Authority under the *Civil Aviation Act 1988 (Cth)*.

No illuminated sign(s) must be erected upon or displayed upon any site crane.

Note: Where it is proposed to swing a crane over a public place the Principal Contractor or Owner-builder must make a separate application to Council

under section 68 of the *Local Government Act 1993* and obtain activity approval from Council prior to swinging or hoisting over the public place.

Note: Where it is proposed to swing a crane over private land the consent of the owner of that private land is required. Alternatively, the Principal Contractor or Owner-builder must obtain an access order under the *Access to Neighbouring Land Act 2000* or easement under section 88K of the *Conveyancing Act 1919* or section 40 of the *Land and Environment Court Act 1979* as appropriate. The encroachment of cranes or the like is a civil matter of trespass and encroachment. Council does not adjudicate or regulate such trespasses or encroachments.

E.13 Check Surveys - boundary location, building location, building height, stormwater drainage system and flood protection measures relative to Australian Height Datum

The *Principal Contractor* or *Owner Builder* must ensure that a surveyor registered under the *Surveying Act 2002* carries out check surveys and provides survey certificates confirming the location of the building(s), ancillary works, flood protection works and the stormwater drainage system relative to the boundaries of the *site* and that the height of buildings, ancillary works, flood protection works and the stormwater drainage system relative to Australian Height Datum complies with this consent at the following critical stages.

The *Principal Contractor* or *Owner Builder* must ensure that work must not proceed beyond each of the following critical stages until compliance has been demonstrated to the *PCA's* satisfaction:

- a) Upon the completion of foundation walls prior to the laying of any floor or the pouring of any floor slab and generally at damp proof course level;
- b) Upon the completion of formwork for floor slabs prior to the laying of any floor or the pouring of any concrete and generally at each storey;
- c) Upon the completion of formwork or framework for the roof(s) prior to the laying of any roofing or the pouring of any concrete roof;
- d) Upon the completion of formwork and steel fixing prior to pouring of any concrete for any ancillary structure, flood protection work, swimming pool or spa pool or the like;
- e) Upon the completion of formwork and steel fixing prior to pouring of any concrete for driveways showing transitions and crest thresholds confirming that driveway levels match Council approved driveway crossing levels and minimum flood levels.;
- f) Stormwater Drainage Systems prior to back filling over pipes confirming location, height and capacity of works.

- g) Flood protection measures are in place confirming location, height and capacity.

Note: This condition has been imposed to ensure that development occurs in the location and at the height approved under this consent. This is critical to ensure that building are constructed to minimum heights for flood protection and maximum heights to protect views and the amenity of neighbours.

E.14 Compliance with Council's Specification for Roadworks, Drainage and Miscellaneous Works, Road Works and, Work within the Road and Footway

All work carried out on assets which are under Council ownership or will revert to the ownership, care, control or management of Council in connection with the *development* to which this consent relates must comply with Council's *Specification for Roadworks, Drainage and Miscellaneous Works* (2012).

The Owner, Principal Contractor or Owner-builder must meet all costs associated with such works.

This condition does not set aside the need to obtain relevant approvals under the *Roads Act 1993* or *Local Government Act 1993* for works within roads and other public places.

Note: A copy of Council's *Specification for Roadworks, Drainage and Miscellaneous Works* can be downloaded from Council's website www.woollahra.nsw.gov.au

E.15 Hours of Work –Amenity of the neighbourhood

- a) No *work* must take place on any Sunday or public holiday,
- b) No *work* must take place before 7am or after 5pm any weekday,
- c) No *work* must take place before 7am or after 1pm any Saturday,
- d) The following *work* **must not** take place before 9am or after 4pm any weekday, or before 9am or after 1pm any Saturday or at any time on a Sunday or public holiday;

- i) Piling;
 - ii) Piering;
 - iii) Rock or concrete cutting, boring or drilling;
 - iv) Rock breaking;
 - v) Rock sawing;
 - vi) Jack hammering; or
 - vii) Machine excavation,
- e) No loading or unloading of material or equipment associated with the activities listed in part d) above must take place before 9am or after 4pm any weekday, or before 9am or after 1pm any Saturday or at any time on a Sunday or public holiday.
- f) No operation of any equipment associated with the activities listed in part d) above must take place before 9am or after 4pm any weekday, or before 9am or after 1pm any Saturday or at any time on a Sunday or public holiday
- g) No rock excavation being cutting, boring, drilling, breaking, sawing , jack hammering or bulk excavation of rock, must occur without a 15 minute break every hour.

This condition has been imposed to mitigate the impact of work upon the amenity of the neighbourhood. Impact of work includes, but is not limited to, noise, vibration, dust, odour, traffic and parking impacts.

Note: The use of noise and vibration generating plant and equipment and vehicular traffic, including trucks in particular, significantly degrade the amenity of neighbourhoods and more onerous restrictions apply to these activities. This more invasive work generally occurs during the foundation and bulk excavation stages of development. If you are in doubt as to whether or not a particular activity is considered to be subject to the more onerous requirement (9am to 4pm weekdays and 9am to 1pm Saturdays) please consult with Council.

Note: Each and every breach of this condition by any person may be subject to separate penalty infringement notice or prosecution.

Note: The delivery and removal of plant, equipment and machinery associated with wide loads subject to RTA and Police restrictions on their

movement out side the approved hours of work will be considered on a case by case basis.

Note: Compliance with these hours of work does not affect the rights of any person to seek a remedy to offensive noise as defined by the *Protection of the Environment Operations Act 1997*, the *Protection of the Environment Operations (Noise Control) Regulation 2000*.

Note: EPA Guidelines can be down loaded from <http://www.epa.nsw.gov.au/noise/nglg.htm> .

Note: see http://www.epa.nsw.gov.au/resources/ci_build_sheet7.pdf

E.16 Dust Mitigation

Dust mitigation must be implemented in accordance with “*Dust Control - Do it right on site*” published by the Southern Sydney Regional Organisation of Councils.

This generally requires:

- a) Dust screens to all hoardings and site fences.
- b) All stockpiles or loose materials to be covered when not being used.
- c) All equipment, where capable, being fitted with dust catchers.
- d) All loose materials being placed bags before placing into waste or skip bins.
- e) All waste and skip bins being kept covered when not being filled or emptied.
- f) The surface of excavation work being kept wet to minimise dust.
- g) Landscaping incorporating trees, dense shrubs and grass being implemented as soon as practically possible to minimise dust.

Note: “*Dust Control - Do it right on site*” can be down loaded free of charge from Council’s web site www.woollahra.nsw.gov.au or obtained from Council’s office.

Note: Special precautions must be taken when removing asbestos or lead materials from development sites. Additional information can be obtained from www.workcover.nsw.gov.au and www.epa.nsw.gov.au . Other specific condition and advice may apply.

Note: Demolition and construction activities may affect local air quality and contribute to urban air pollution. The causes are dust, smoke and fumes coming from equipment or activities, and airborne chemicals when spraying for pest management. Precautions must be taken to prevent air pollution.

E.17 Critical Stage Inspections

Critical stage inspections must be called for by the *principal contractor* or *owner builder* as required by the PCA, any PCA service agreement, the *Act* and the *Regulation*.

Work must not proceed beyond each critical stage until the PCA is satisfied that work is proceeding in accordance with this consent, the Construction Certificate(s) and the *Act*.

critical stage inspections means the inspections prescribed by the *Regulations* for the purposes of section 109E(3)(d) of the *Act* or as required by the PCA and any PCA Service Agreement.

Note: The PCA may require inspections beyond mandatory critical stage inspections in order that the PCA be satisfied that work is proceeding in accordance with this consent.

Note: The PCA may, in addition to inspections, require the submission of *Compliance Certificates*, survey reports or evidence of suitability in accordance with Part A2.2 of the BCA in relation to any matter relevant to the development.

E.18 Placement and use of Skip Bins

The *principal contractor* or *owner builder* must ensure that all waste storage containers, including but not limited to skip bins, must be stored within the site unless:

- a) Activity Approval has been issued by Council under section 94 of the *Local Government Act* 1993 to place the waste storage container in a public place, and
- b) Where located on the road it is located only in a positions where a vehicle may lawfully park in accordance with the Australian Road Rules to the

extent they are adopted under the *Road Transport (Safety and Traffic Management) (Road Rules) Regulation 1999*.

Note: Waste storage containers must not be located on the footpath without a site specific activity approval. Where such site specific activity approval is granted a 1.5m wide clear path of travel is maintained free of any trip hazards.

E.19 Prohibition of burning

There must be no burning of any waste or other materials. The burning of CCA (copper chrome arsenate) or PCP (pentachlorophenol) treated timber is prohibited in all parts of NSW. All burning is prohibited in the Woollahra local government area.

Note: Pursuant to the *Protection of the Environment Operations (Control of Burning) Regulation 2000* all burning (including burning of vegetation and domestic waste) is prohibited except with approval. No approval is granted under this consent for any burning.

E.20 Compliance with Australian Standard for Demolition

Demolition of buildings and structures must comply with Australian Standard AS 2601—2001: The Demolition of Structures, published by Standards Australia, and as in force at 13 September 2001.

E.21 Site waste minimisation and management – Demolition

In order to maximise resource recovery and minimise residual waste from demolition activities:

- a) An area is to be allocated for the storage of materials for use, recycling and disposal (giving consideration to slope, drainage, location of waterways, stormwater outlets, vegetation and access and handling requirements)
- b) Provide separate collection bins and/or areas for the storage of residual waste
- c) Clearly 'signpost' the purpose and content of the bins and/or storage areas

- d) Implement measures to prevent damage by the elements, odour, health risks and windborne litter
- e) Minimise site disturbance, limiting unnecessary excavation

The applicant must ensure:

- a) Footpaths, public reserves and street gutters are not used as places to store demolition waste or materials of any kind without Council approval
- b) Any material moved offsite is transported in accordance with the requirements of the *Protection of the Environment Operations Act (1997)*
- c) Waste is only transported to a place that can lawfully be used as a waste facility
- d) Generation, storage, treatment and disposal of hazardous waste and special waste (including asbestos) is conducted in accordance with relevant waste legislation administered by the EPA and relevant Occupational Health and Safety legislation administered by Workcover NSW
- e) Evidence such as weighbridge dockets and invoices for waste disposal or recycling services are retained

Note: Materials that have an existing reuse or recycling market should not be disposed of in a

land fill. Reuse and recycling opportunities are decreased when asbestos is not carefully removed and segregated from other waste streams.

E.22 Site waste minimisation and management – Construction

In order to maximise resource recovery and minimise residual waste from construction activities:

- a) Arrange for the delivery of materials so that materials are delivered 'as needed' to prevent the degradation of materials through weathering and moisture damage
- b) Consider organising to return excess materials to the supplier or manufacturer
- c) Allocate an area for the storage of materials for use, recycling and disposal (considering slope, drainage, location of waterways, stormwater outlets and vegetation)
- d) Clearly 'signpost' the purpose and content of the storage areas
- e) Arrange contractors for the transport, processing and disposal of waste and recycling. Ensure that all contractors are aware of the legal requirements for disposing of waste.

- f) Promote separate collection bins or areas for the storage of residual waste
- g) implement measures to prevent damage by the elements, odour and health risks, and windborne litter
- h) Minimise site disturbance and limit unnecessary excavation
- i) Ensure that all waste is transported to a place that can lawfully be used as a waste facility
- j) Retain all records demonstrating lawful disposal of waste and keep them readily accessible for inspection by regulatory authorities such as council, Department of Environment and Climate Change (DECC) or WorkCover NSW.

E.23 Classification of Hazardous Waste

Prior to the exportation of hazardous waste (including hazardous fill or soil) from the site, the waste materials must be classified in accordance with the provision of the *Protection of the Environment Operations Act 1997* and the NSW DECC *Waste Classification Guidelines, Part1: Classifying Waste* (April 2008).

Note: This condition is imposed to ensure that where hazardous waste will be removed from a site an Asbestos Licensed contractor can definitively determine where the waste may be legally taken for disposal.

E.24 Disposal of Asbestos and Hazardous Waste

Asbestos and hazardous waste, once classified in accordance with the condition above must only be transported to waste facilities licensed to accept asbestos and appropriate classifications of hazardous waste.

Note: This condition is imposed to ensure that asbestos and other Hazardous waste is disposed of lawfully under the *Protection of the Environment Operations Act 1997* and relevant EPA requirements.

E.25 Asbestos Removal Signage

Standard commercially manufactured signs containing the words "DANGER ASBESTOS REMOVAL IN PROGRESS" measuring not less than 400mm x 300mm are to be erected in prominent visible positions on the site when asbestos is being removed.

Note: This condition is imposed to ensure awareness of any hazard to the health and safety of persons working on the site and public.

E.26 Notification of Asbestos Removal

All adjoining properties and those opposite the development site must be notified in writing of the dates and times when asbestos removal is to be conducted. The notification is to identify the licensed asbestos removal contractor and include a contact person for the site together with telephone and facsimile numbers and email addresses.

Note: This condition has been imposed to ensure that local residents are informed and have adequate communication facilitated for incidents of asbestos removal.

E.27 Disposal of soils and waste materials

Any disposal of soils and waste materials from the site shall be assessed against the NSW Department of Environment & Climate Change (DECC) 'Waste Classification Guidelines 2008, Revision 2009'; the Protection of the Environment Operations Act 1997 and the Protection of the Environment Operations Amendment (Scheduled Activities and Waste) Regulation 2008.

E.28 Swimming and Spa Pools – Temporary Child Resistant Barriers and other Matters

Temporary child-resistant barriers must be installed in compliance with the *Swimming Pools Act 1992* and Building Code of Australia where any swimming pool or spa pool, as defined by the *Swimming Pools Act 1992*, contains more than 300mm in depth of water at any time.

Permanent child-resistant barriers must be installed in compliance with the *Swimming Pools Act 1992* and the Building Code of Australia as soon as practical.

Backwash and any temporary dewatering from any swimming pool or spa pool as defined by the *Swimming Pools Act 1992* must be discharged to the sewer in compliance with clause 10.9 (Figure 10.2) of AS/NZS 3500.2.2:1996.

Note: This condition does not prevent Council from issuing an order pursuant to section 23 of the *Swimming Pool Act 1992* or taking such further action as necessary for a breach of this condition or the *Swimming Pools Act 1992*.

E.29 Tree Preservation

All persons must comply with Council's Development Control Plan (DCP) 2015, Chapter E.3 Tree Management other than where varied by this consent. The DCP applies to any tree with a height greater than 5 metres or a diameter spread of branches greater than 3 metres.

General Protection Requirements

- a) The TPZ must be maintained during all development work unless otherwise specified within these conditions of consent.
- b) Excavation must cease where tree roots with a diameter exceeding 50mm are exposed. The *principal contractor* must procure an inspection of the exposed tree roots by an arborist with a minimum AQF Level 5 qualification. Excavation must only recommence with the implementation of the recommendations of the arborist.
- c) Where there is damage to any part of a tree the *principal contractor* must procure an inspection of the tree by a qualified arborist immediately. The *principal contractor* must immediately implement treatment as directed by the arborist. The arborist is to supply a detailed report to the appointed certifier.

Note: Trees must be pruned in accordance with *Australian Standard AS 4373 "Pruning of Amenity Trees"* and *WorkCover NSW Code of Practice Amenity Tree Industry*.

E.30 Replacement/Supplementary trees which must be planted

Any replacement or supplementary tree shall be grown in accordance with Tree stock for landscape use (AS 2303:2018). The replacement tree shall be planted

in a *deep soil landscaped area* and maintained in a healthy and vigorous condition. If the replacement tree is found to be faulty, damaged, dying or dead before it attains a size whereby it is protected by Council's Tree Preservation Order, it must be replaced with another of the same species which complies with the criteria outlined below.

Species/Type	Planting/Location	Container Size/Size of Tree (at planting)	Minimum Dimensions at Maturity (metres)
1 x <i>Banksia integrifolia</i> (Coastal Banksia)	As per Landscape Plan	100L	8 x 4
4 x <i>Elaeocarpus Eumundi</i> (Smooth Leaved Quandong))	As per Landscape Plan	75L	6 x 4
3 x <i>Livistona australis</i> (Cabbage Tree Plam)	As per Landscape Plan	100L	8 x 4

The project arborist shall document compliance with the above condition.

E.31 Hand excavation within tree root zones

Excavation undertaken within the specified radius from the trunks of the following trees shall be hand dug.

Council Ref No.	Species	Location	Radius from centre of trunk (metres)
1	<i>Lophostemon confertus</i> (Brush Box)	Public Footpath	2
11	<i>Ulmus parvifolia</i> (Chinese Elm)	Eastern boundary	2.5
16	<i>Archontophoenix cunninghamiana</i> (Bangalow Palm)	Eastern boundary	1
18	<i>Callistemon viminalis</i> (Bottlebrush)	Southern boundary	2
19	<i>Lagerstroemia indica</i> (Crape myrtle)	Southern boundary	2
24	<i>Podocarpus elatus</i> (Plum pine)	Southern boundary	2

26	<i>Banksia integrifolia</i> (Banksia)	Southern boundary	2
27	<i>Banksia integrifolia</i> (Banksia)	Southern boundary	2
28	<i>Banksia integrifolia</i> (Banksia)	Southern boundary	2
29	<i>Banksia integrifolia</i> (Banksia)	Southern boundary	2
30	<i>Agonis flexuosa</i> (Western Australian Peppermint)	Western garden	2
31	<i>Tristanopsis laurina</i> (Water Gum)	Western garden	2
38	<i>Banksia serrata</i> (Old Man Banksia)	Western garden	2
39	<i>Angophora costata</i> (Sydney Red Gum)	Western garden	2
41	<i>Triadica sebifera</i> (Chinese tallow)	Western garden	2
42	<i>Magnolia grandiflora</i> (Bull Bay Magnolia)	Western garden	2
50	<i>Howea forsteriana</i> (Kentia palm)	Centre of site	1

Small hand tools such as mattocks or using compressed air or water jetting only shall be used. Roots with a diameter equal to or in excess of 50mm shall not be severed or damaged unless approved in writing by the project arborist.

Mechanical excavation is permitted beyond this radius when root pruning by hand along the perimeter line is completed. Exposed roots to be retained shall be covered with mulch or a geotextile fabric and kept in a moist condition and prevented from drying out.

All root pruning must be undertaken in accordance with the Australian Standard 4373 "Pruning of Amenity Trees" and carried out by a qualified Arborist (minimum qualification of Australian Qualification Framework Level 5 or recognised equivalent).

The project arborist shall document compliance with the above condition.

F. Conditions which must be satisfied prior to any occupation or use of the building (Part 6 of the Act and Part 8 Division 3 of the Regulation)

F.1 Occupation Certificate (section 6.9 of the Act)

A person must not commence occupation or use of the whole or any part of a new building (within the meaning of section 6.10 of the Act) unless an Occupation Certificate has been issued in relation to the building or part.

Note: New building includes an altered portion of, or an extension to, an existing building.

F.2 Commissioning and Certification of Systems and Works

The *principal contractor* or *owner builder* must submit to the satisfaction of the PCA works-as-executed ("WAE") plans, *Compliance Certificates* and evidence of suitability in accordance with Part A2.2 of the BCA confirming that the *works*, as executed and as detailed, comply with the requirement of this consent, the Act, the Regulations, any relevant *construction certificate*, the BCA and relevant *Australian Standards*. Works-as-executed ("WAE") plans, *Compliance Certificates* and evidence of suitability in accordance with Part A2.2 of the BCA must include but may not be limited to:

- a) Certification from the supervising professional engineer that the requirement of the Geotechnical / Hydrogeological conditions and report recommendations were implemented and satisfied during development work.
- b) All flood protection measures shall be inspected and certified as fit for purpose after construction is complete by an engineer experienced in flood mitigation.
- c) All garage/car park/basement car park, driveways and access ramps comply with Australian Standard AS 2890.1 – "Off-Street car parking."
- d) All stormwater drainage and storage systems.
- e) All mechanical ventilation systems.
- f) All hydraulic systems.
- g) All structural work.
- h) All acoustic attenuation work.
- i) All waterproofing.
- j) Such further matters as the Principal Certifying Authority may require.

Note: This condition has been imposed to ensure that systems and works as completed meet *development standards* as defined by the Act, comply

with the BCA, comply with this consent and so that a public record of works as execute is maintained.

Note: The *PCA* may require any number of WAE plans, certificates, or other evidence of suitability as necessary to confirm compliance with the *Act*, *Regulation*, *Development Standards*, *BCA*, and relevant *Australia Standards*. As a minimum WAE plans and certification is required for stormwater drainage and detention, mechanical ventilation work, hydraulic services (including but not limited to fire services).

Note: The *PCA* must submit to Council, with any *Occupation Certificate*, copies of works-as-executed (“WAE”) plans, *Compliance Certificates* and evidence of suitability in accordance with Part A2.2 of the *BCA* upon which the *PCA* has relied in issuing any *Occupation Certificate*.

F.3 Commissioning and Certification of Public Infrastructure Works

The Principal Contractor or Owner-builder must submit, to the satisfaction of Council, certification from a professional engineer that all public infrastructure works have been executed in compliance with this consent and with Council’s *Specification for Roadworks, Drainage and Miscellaneous Works* (2012).

The certification must be supported by closed circuit television / video inspection provided on DVD of all stormwater drainage together with works-as-executed engineering plans and a survey report detailing all finished reduced levels.

F.4 Letter Box

All letter boxes must be constructed and located in accordance with AS/NZS 4253:1994 *Mailboxes* and to Australia Post’s satisfaction.

Note: This condition has been imposed to ensure that mail can be delivered to occupiers of the site.

F.5 Swimming and Spa Pools – Permanent Child Resistant Barriers and other Matters

Prior to filling any swimming pool, as defined by the *Swimming Pools Act 1992*:

- a) Permanent child-resistant barriers must be installed in compliance with the *Swimming Pools Act 1992* and the Building Code of Australia.
- b) The swimming pool must be registered in accordance with section 30B of the *Swimming Pools Act 1992* on the NSW Government Swimming Pool Register.
- c) The Principal Contractor or Owner must either obtain a certificate of compliance issued pursuant to section 22D of the *Swimming Pools Act 1992* or an appropriate Occupation Certificate authorising use of the swimming pool.
- d) Public pools must comply with the *NSW Health Public Swimming Pool and Spa Pool Guidelines* in force at that time and private pools are encouraged to comply with the same standards as applicable.
- e) Water recirculation and filtration systems must be installed in compliance with AS 1926.3-2010: *Swimming pool safety - Water recirculation systems*.

Backwash must be discharged to the sewer in compliance with clause 10.9 (Figure 10.2) of AS/NZS 3500.2.2:1996.

Water recirculation and filtration systems must be connected to the electricity supply by a timer that limits the systems operation such that it does not operate before 8 am or after 8 pm on any Sunday or public holiday or before 7 am or after 8 pm on any other day.

Note: NSW Health guidelines and fact sheets are available at www.health.nsw.gov.au/environment/publicpools/Pages/default.aspx

F.6 Certification of Electric Vehicle Charging System

Prior to the issue of any Occupation Certificate or occupation or use of part of the building, the Principal Contractor or Owner-builder must submit to the satisfaction of the Principal Certifier, certification by a suitably qualified person that the electric vehicle charger points and/or electric vehicle circuitry, has been installed in accordance with the construction certificate plans and specifications as required by Condition C##.

F.7 Amenity Landscaping

The *owner* or *principal contractor* must install all approved amenity landscaping (screen planting, soil stabilisation planting, etc.) prior to any occupation or use of the site.

Note: This condition has been imposed to ensure that the environmental impacts of the development are mitigated by approved landscaping prior to any occupation of the development.

G. Conditions which must be satisfied prior to the issue of any subdivision certificate

Nil.

H. Conditions which must be satisfied prior to the issue of a Final Occupation Certificate (S6.4(c))

H.1 Fulfillment of BASIX commitments – Clause 154B of the Regulation

All BASIX commitments must be effected in accordance with the BASIX Certificate 1371137S.

Note: Clause 154B(2) of the Environmental Planning & Assessment Regulation 2000 provides: "A *certifying authority* must not issue a final occupation certificate for a BASIX affected building to which this clause applies unless it is satisfied that each of the commitments whose fulfilment it is required to monitor has been fulfilled."

H.2 Road Works (including footpaths)

The following works must be completed to the satisfaction of Council, in compliance with Council's *Specification for Roadworks, Drainage and Miscellaneous Works* (2012) unless expressly provided otherwise by these conditions at the Principal Contractor's or Owner's expense:

- a) stormwater pipes, pits and connections to public stormwater systems within the *road*,
- b) driveways and vehicular crossings within the *road*,
- c) removal of redundant driveways and vehicular crossings,
- d) new footpaths within the *road*,

- e) relocation of existing power/light pole,
- f) relocation/provision of street signs,
- g) new or replacement street trees,
- h) new footway verges, where a grass verge exists, the balance of the area between the footpath and the kerb or site boundary over the full frontage of the proposed development must be turfed. The grass verge must be constructed to contain a uniform minimum 75mm of friable growing medium and have a total cover of turf predominant within the street,
- i) new or reinstated kerb and guttering within the *road*, and
- j) new or reinstated road surface pavement within the *road*.

Note: Security held by Council pursuant to section 4.17(6) of the *Act* will not be release by Council until compliance has been achieved with this condition. An application for refund of security must be submitted with the Final Occupation Certificate to Council. This form can be downloaded from Council's website www.woollahra.nsw.gov.au or obtained from Council's customer service centre.

H.3 Positive Covenant and Works-As-Executed Certification of Stormwater Systems

Prior to issue of any Occupation Certificate, stormwater drainage works are to be certified by a professional engineer with works-as-executed drawings prepared by a registered surveyor and submitted, for approval by the Principal Certifying Authority, certifying:

- a) compliance with conditions of development consent relating to stormwater,
- b) the structural adequacy of the on-site detention system,
- c) that a on-site detention system with minimum storage of 66m³ with a total Permissible Site Discharge ("PSD") including all bypassed areas of less than 89.8l/s have been constructed in accordance with the approved stormwater plans,
- d) that only one stormwater outlet pipe across the nature strip has been constructed in accordance with the approved stormwater plans,
- e) that subsoil drainage/seepage water is NOT collected and discharged into the kerb and gutter in accordance with the approved stormwater drawings,
- f) pipe invert levels and surface levels to Australian Height Datum, and
- g) contours indicating the direction in which water will flow over land should the capacity of the pit be exceeded in a storm event exceeding design limits.

A positive covenant pursuant to section 88E of the *Conveyancing Act 1919* must be created on the title of the subject property, providing for the indemnification of Council from any claims or actions and for the on-going maintenance of the on-

site detention system, including any pumps and sumps incorporated in the development. The wording of the Instrument must be in accordance with Council's standard format and the Instrument must be registered with the NSW Land Registry Services.

Note: The required wording of the Instrument can be downloaded from Council's website www.woollahra.nsw.gov.au. The PC must supply a copy of the WAE plans to Council together with the Final Occupation Certificate.

Note: The Final Occupation Certificate must not be issued until this condition has been satisfied.

H.4 Removal of Ancillary Works and Structures

The *principal contractor or owner* must remove from the land and any adjoining public place:

- a) The site sign;
- b) Ablutions;
- c) Hoarding;
- d) Scaffolding; and
- e) Waste materials, matter, article or thing.

Note: This condition has been imposed to ensure that all ancillary matter is removed prior to the issue of the *Final Occupation Certificate*.

H.5 Landscaping

The *principal contractor or owner* must provide to PCA a works-as-executed landscape plan and certification from a qualified landscape architect/designer, horticulturist and/or arborist as applicable to the effect that the works comply with this consent.

Note: This condition has been imposed to ensure that all Landscaping work is completed prior to the issue of the Final Occupation Certificate.

I. Conditions which must be satisfied during the ongoing use of the development

I.1 Maintenance of BASIX commitments

All BASIX commitments must be maintained in accordance with the BASIX Certificate 1371137S.

Note: This condition affects successors in title with the intent that environmental sustainability measures must be maintained for the life of development under this consent.

I.2 Noise from mechanical plant and equipment

The noise level measured at any boundary of the site at any time while the mechanical plant and equipment is operating must not exceed the *background noise level*. Where noise sensitive receivers are located within the site, the noise level is measured from the nearest strata, stratum or community title land and must not exceed *background noise level* at any time. The *background noise level* is the underlying level present in the ambient noise, excluding the subject noise source, when extraneous noise is removed. For assessment purposes the background noise level is the LA90, 15 minute level measured by a sound level meter.

This condition has been imposed to protect the amenity of the neighbourhood.

Note: Words in this condition have the same meaning as in the:

NSW Industrial Noise Policy

(http://www.environment.nsw.gov.au/resources/ind_noise.pdf)

ISBN 0 7313 2715 2, dated January 2000, and

Noise Guide for Local Government

(<http://www.environment.nsw.gov.au/noise/nglg.htm>)

ISBN 1741370671, dated December 2004.

I.3 Outdoor lighting – Residential

Outdoor lighting must comply with AS 4282-1997: Control of the obtrusive effects of outdoor lighting. The maximum luminous intensity from each luminaire must not exceed the level 1 control relevant under table 2.2 of AS 4282. The maximum illuminance and the threshold limits must be in accordance with Table 2.1 of AS 4282.

This condition has been imposed to protect the amenity of neighbours and limit the obtrusive effects of outdoor lighting in public places.

Note: This condition has been imposed to control the obtrusive effects of outdoor lighting.

I.4 Noise Control

The use of the premises must not give rise to the transmission of *offensive noise* to any place of different occupancy. *Offensive noise* is defined in the *Protection of the Environment Operations Act 1997*.

Note: This condition has been imposed to protect the amenity of the neighbourhood.

Note: Council will generally enforce this condition in accordance with the *Noise Guide for Local Government* (www.epa.nsw.gov.au/your-environment/noise/regulating-noise/noise-guide-local-government) and the *NSW Industrial Noise Policy* (www.epa.nsw.gov.au/your-environment/noise/industrial-noise) published by the NSW Environment Protection Authority. Other State Government authorities also regulate the *Protection of the Environment Operations Act 1997*.

Useful links:

Community Justice Centres—free mediation service provided by the NSW Government www.cjc.nsw.gov.au.

NSW Environment Protection Authority— see “noise” section www.environment.nsw.gov.au/noise.

NSW Government legislation- access to all NSW legislation, including the *Protection of the Environment Operations Act 1997* and the *Protection of the*

Environment Noise Control Regulation 2000 is available at www.legislation.nsw.gov.au.

Australian Acoustical Society—professional society of noise related professionals www.acoustics.asn.au.

Association of Australian Acoustical Consultants—professional society of noise related professionals www.aaac.org.au.

Liquor and Gaming NSW—www.liquorandgaming.nsw.gov.au.

I.5 Swimming and Spa Pools – Maintenance

Swimming and spa pools must be maintained:

- a) in compliance with the *Swimming Pools Act 1992* and the Building Code of Australia with regard to the provision of child-resistant barriers and resuscitation signs,
- b) in compliance with the NSW Health “Public Swimming Pools and Spa Pools Advisory Document” in force at that time. Private pools are encouraged to comply with the same standards as applicable,
- c) in compliance with AS 1926.3-2010 *Swimming pool safety - Water recirculation and filtration systems*,
- d) with backwash being discharged to the sewer in compliance with clause 10.9 (Figure 10.2) of AS/NZS 3500.2.2:1996, and
- e) with a timer that limits the recirculation and filtration systems operation such that it does not emit noise that can be heard within a habitable room in any other residential premises (regardless of whether any door or window to that room is open):
 - before 8 am or after 8 pm on any Sunday or public holiday, or
 - before 7 am or after 8 pm on any other day.

Note: Child-resistant barriers, resuscitation signs, recirculation and filtration systems and controls systems require regular maintenance to ensure that life safety, health and amenity standards are maintained.

Note: The NSW Health public swimming pools and spa pools guidelines are available at www.health.nsw.gov.au/environment/publicpools/Pages/default.aspx

I.6 Ongoing Maintenance of the On-Site-Detention System

The owner(s) must in accordance with this condition and any positive covenant:

- a) permit stormwater to be temporarily detained by the System;
- b) keep the system clean and free of silt rubbish and debris;
- c) maintain renew and repair as reasonably required from time to time the whole or part of the system so that it functions in a safe and efficient manner;
- d) carry out the matters referred to in paragraphs (b) and (c) at the Owners expense;
- e) not make any alterations to the system or elements thereof without prior consent in writing of the Council and not interfere with the system or by its act or omission cause it to be interfered with so that it does not function or operate properly;
- f) permit the Council or its authorised agents from time to time upon giving reasonable notice (but at any time and without notice in the case of an emergency) to enter and inspect the land with regard to compliance with the requirements of this covenant;
- g) comply with the terms of any written notice issued by Council in respect to the requirements of this clause within the time stated in the notice; and
- h) where the Owner fails to comply with the Owner's obligations under this covenant, permit the Council or its agents at all times and on reasonable notice at the Owner's cost to enter the land with equipment, machinery or otherwise to carry out the works required by those obligations.

The Owner

- a) indemnifies the Council from and against all claims, demands, suits, proceedings or actions in respect of any injury, damage, loss, cost, or liability (**Claims**) that may be sustained, suffered, or made against the Council arising in connection with the performance of the Owner's obligations under this covenant except if, and to the extent that, the Claim arises because of the Council's negligence or default; and
- b) releases the Council from any Claim it may have against the Council arising in connection with the performance of the Owner's obligations under this covenant except if, and to the extent that, the Claim arises because of the Council's negligence or default.

Note: This condition has been imposed to ensure that owners are aware of require maintenance requirements for their stormwater systems.

Note: This condition is supplementary to the owner(s) obligations and Council's rights under any positive covenant.

J. Miscellaneous Conditions

Nil

K. Advisings

K.1 Criminal Offences – Breach of Development Consent & Environmental laws

Failure to comply with this development consent and any condition of this consent is a **criminal offence**. Failure to comply with other environmental laws is also a criminal offence. Where there is any breach Council may without any further warning:

- a) Issue Penalty Infringement Notices (On-the-spot fines);
- b) Issue notices and orders;
- c) Prosecute any person breaching this consent; and/or
- d) Seek injunctions/orders before the courts to restrain and remedy any breach.

Warnings as to potential maximum penalties

Maximum Penalties under NSW Environmental Laws include fines up to \$1.1 Million and/or custodial sentences for serious offences.

Warning as to enforcement and legal costs

Should Council have to take any action to enforced compliance with this consent or other environmental laws Council's policy is to seek from the Court appropriate orders requiring the payments of its costs beyond any penalty or remedy the Court may order. his consent and this specific advice will be tendered to the Court when seeking costs orders from the Court where Council is successful in any necessary enforcement action.

Note: The payment of environmental penalty infringement notices does not result in any criminal offence being recorded. If a penalty infringement notice is challenged in Court and the person is found guilty of the offence by the Court, subject to section 10 of *the Crimes (Sentencing Procedure) Act 1999*, a criminal conviction is recorded. The effect of a criminal conviction beyond any fine is serious. You can obtain further information from the following web sites:

<http://www.theshopfront.org/documents/ConvictionsCriminalRecords.pdf>
and the Attorney General's www.agd.nsw.gov.au.

K.2 Dial before you dig

The *principal contractor*, *owner builder* or any person digging may be held financially responsible by the asset owner should they damage underground pipe or cable networks. Minimise your risk and Dial 1100 Before You Dig or visit www.dialbeforeyoudig.com.au.

When you contact Dial Before You Dig, you will be sent details of all Dial Before You Dig members who have underground assets in the vicinity of your proposed excavation.

K.3 Builders Licences and Owner Builders Permits

Section 81A of the *Act* requires among other matters that the person having the benefit of the development consent, if not carrying out the work as an **owner-builder**, must appointed a *principal contractor* for residential building work who must be the holder of a contractor licence. Further information can be obtained from the NSW Office of Fair Trading website about how you obtain an owner builders permit or find a principal contractor (builder):

<http://www.dft.nsw.gov.au/building.html>. The Owner(s) must appoint the PCA. The PCA must check that Home Building Act insurance is in place before the commencement of building work. The Principal Contractor (Builder) must provide the Owners with a certificate of insurance evidencing the contract of insurance under the Home Building Act 1989 for the residential building work.

K.4 Building Standards - Guide to Standards and Tolerances

The PCA does not undertake detailed quality control inspections and the role of the PCA is primarily to ensure that the development proceeds in accordance with this consent, Construction Certificates and that the development is fit for occupation in accordance with its classification under the Building Code of Australia. Critical Stage Inspections do not provide the level of supervision required to ensure that the minimum standards and tolerances specified by the "Guide to Standards and Tolerances©" ISBN 0 7347 6010 8 are achieved. The quality of any development is a function of the quality of the *principal contractor's* or *owner builder's* supervision of individual contractors and trades on a daily basis during the development. The PCA does not undertake this role. The NSW Office of Fair Trading have published a "Guide to Standards and Tolerances©" ISBN 0 7347 6010 8. The guide can be obtained from the Office of Fair Trading by calling 13 32 20 or by Fax: 9619 8618 or by post to: Marketing Branch, PO Box 972, Parramatta NSW 2124. The Guide can be down loaded from:

<http://www.fairtrading.nsw.gov.au/pdfs/corporate/publications/dft242.pdf>

Council, as the PCA or otherwise, does not adjudicate building contract disputes between the *principal contractor*, contractors and the owner.

K.5 Workcover requirements

The Occupational Health and Safety Act 2000 No 40 and subordinate regulations, codes of practice and guidelines control and regulate the development industry.

Note: Further information can be obtained from Workcover NSW's website: <http://www.workcover.nsw.gov.au/Industry/Construction/default.htm> or through their head office: Location: Workcover NSW, 92-100 Donnison Street, GOSFORD 2250 Postal address: WorkCover NSW, Locked Bag 2906, LISAROW 2252, Phone (02) 4321 5000, Fax (02) 4325 4145.

K.6 Lead Paint

It is beyond the scope of this consent to provide detailed information about dealing with lead paint. Painters working in an area containing lead-based paint should refer to Australian Standard AS 4361.1–1995, Guide to Lead Paint Management—Industrial Applications, or AS 4361.2–1998, Guide to Lead Paint Management—Residential and Commercial Buildings. Industrial paints, may contain lead. Lead is used in some specialised sign-writing and artist paints, and road marking paints, and anti-corrosive paints. Lead was a major ingredient in commercial and residential paints from the late 1800s to 1970. Most Australian commercial buildings and residential homes built before 1970 contain lead paint. These paints were used both inside and outside buildings. Lead hazards - Lead particles are released when old lead paint flakes and peels and collects as dust in ceiling, wall and floor voids. If dust is generated it must be contained. If runoff contains lead particles it must be contained. Lead is extremely hazardous, and stripping of lead-based paint and the disposal of contaminated waste must be carried out with all care. Lead is a cumulative poison and even small levels in the body can have severe effects.

K.7 Release of Security

An application must be made to Council by the person who paid the security for release of the securities held under section 80A of the *Act*. The securities will not be released until a *Final Occupation Certificate* has lodged with Council, Council has inspected the site and Council is satisfied that the public works have been carried out to Council's requirements. Council may use part or all of the security to complete the works to its satisfaction if the works do not meet Council's requirements. Council will only release the security upon being satisfied that all damage or all works, the purpose for which the security has been held have been remedied or completed to Council's satisfaction as the case may be. Council may retain a portion of the security to remedy any defects in any such public work that arise within 6 months after the work is completed. Upon completion of each section of road, drainage and landscape work to Council's satisfaction, 90% of the Bond monies held by Council for these works will be released upon application. 10% may be retained by Council for a further 6 month period and may be used by Council to repair or rectify any defects or temporary works during the 6 month period.

Note: The Application for Refund of Security form can be downloaded from <http://www.woollahra.nsw.gov.au/pdf/Forms/Planning/RefundofSecurity.pdf>

K.8 Asbestos Removal, Repair or Disturbance

Anyone who removes, repairs or disturbs bonded or a friable asbestos material must hold a current removal licence from Workcover NSW. Before starting work, a work site-specific permit approving each asbestos project must be obtained from Workcover NSW. A permit will not be granted without a current Workcover licence. All removal, repair or disturbance of or to asbestos material must comply with:

- a) The Occupational Health and Safety Act 2000;
- b) The Occupational Health and Safety Regulation 2001;
- c) The Code of Practice for the Safe Removal of Asbestos [NOHSC: 2002 (1998)];
- d) The Guide to the Control of Asbestos Hazards in Buildings and Structures [NOHSC: 3002 (1998)] <http://www.nohsc.gov.au/> ;
- e) The Workcover NSW Guidelines for Licensed Asbestos Removal Contractors.

Note: The Code of Practice and Guide referred to above are known collectively as the Worksafe Code of Practice and Guidance Notes on Asbestos. They are specifically referenced in the Occupational Health and Safety Regulation 2001 under Clause 259. Under the Occupational Health and Safety Regulation 2001, the Worksafe Code of Practice and Guidance Notes on Asbestos are the minimum standards for asbestos removal work. Council does not control or regulate the Worksafe Code of Practice and Guidance Notes on Asbestos. You should make yourself aware of the requirements by visiting www.workcover.nsw.gov.au or one of Workcover NSW's offices for further advice.

K.9 Pruning or Removing a Tree Growing on Private Property

Woollahra Municipal Development Control Plan (DCP) 2015, Chapter E.3 Tree Management may require that an application be made to Council prior to pruning or removing any tree. The aim is to secure the amenity of trees and preserve the existing landscape within our urban environment.

Before you prune or remove a tree, make sure you read all relevant conditions.

You can obtain a copy of the DCP from Council's website www.woollahra.nsw.gov.au or you may contact Council on 9391-7000 for further advice.

K.10 Dilapidation Report

Please note the following in relation to the condition for a dilapidation report:

- a) The dilapidation report will be made available to affected property owners on requested and may be used by them in the event of a dispute relating to damage allegedly due to the carrying out of the development.
- b) This condition cannot prevent neighbouring buildings being damaged by the carrying out of the development.
- c) Council will not be held responsible for any damage which may be caused to adjoining buildings as a consequence of the development being carried out.
- d) Council will not become directly involved in disputes between the developer, its contractors and the owners of neighbouring buildings.
- e) In the event that access for undertaking the dilapidation survey is denied the Applicant is to demonstrate in writing to the satisfaction of the Principal Certifier that all reasonable steps were taken to obtain access to the adjoining property. The dilapidation report will need to be based on a survey of what can be observed externally.

K.11 Roads Act 1993 Application

Works or structures over, on or under public roads or footpaths are subject to sections 138, 139 and 218 of the *Roads Act 1993* and specifically:

- Construction of driveways and/or new or alterations to footpath paving
- Alteration and/or extension to Council drainage infrastructure
- Alteration and/or addition of retaining walls
- Pumping of water to Council's below ground stormwater system
- Installation of soil/rock anchors under the roadway
- Installation of Stormwater outlet pipes across the nature strip

An "Application to Carry Out Works in a Public Road" form must be completed and lodged, with the application fee, at Council's Customer Services. Detailed plans and specifications of all works (including but not limited to structures, road works, driveway crossings, footpaths and stormwater drainage etc) within existing roads, must be attached, submitted to and approved by Council under section 138 of the *Roads Act 1993*, before the issue of any Construction Certificate.

Detailed engineering plans and specifications of the works required by this condition must accompany the application form. The plans must clearly show the following:

- Engineering drawings (plan, sections and elevation views) and specifications of the footpath, driveways, kerb and gutter, new gully pit showing clearly the connection point of site outlet pipe(s). Note, the connection drainage lines must be as direct as possible and generally run perpendicular to the kerb alignment.
- Engineering drawings of the new drainage line to be constructed joining the new and existing drainage pits including services.

All driveways must include a design longitudinal surface profile for the proposed driveway for assessment. The driveway profile is to start from the road centreline and be along the worst case edge of the proposed driveway. Gradients and transitions must be in accordance with clause 2.5.3, 2.6 of AS 2890.1 – 2004, Part 1 – *Off-street car parking*. The driveway profile submitted to Council must be to (1:25) scale (for template checking purposes) and contain all relevant details: reduced levels, proposed grades and distances.

The existing footpath level and grade at the street alignment of the property must be maintained unless otherwise specified by Council. Your driveway levels are to comply with AS2890.1 and Council's Standard Drawings. There may be occasions where these requirements conflict with your development and you are required to carefully check the driveway/garage slab and footpath levels for any variations.

Note: Any adjustments required from the garage slab and the street levels are to be carried out internally on private property

Drainage design works must comply with the Woollahra DCP 2015 Chapter E2 – Stormwater and Flood Risk Management.

Temporary ground anchors may be permitted, in accordance with Council's "Rock Anchor Policy".

Services: Prior to any excavation works, the location and depth of all public utility services (telephone, cable TV, electricity, gas, water, sewer, drainage, etc.) must be ascertained. The Applicant shall be responsible for all public utility adjustment/relocation works, necessitated by the development work and as required by the various public utility authorities and/or their agents.

All public domain works must comply with the latest version of Council's "Specification for Roadworks, Drainage and Miscellaneous Works" unless expressly provided otherwise by these conditions. This specification and the application form can be downloaded from www.woollahra.nsw.gov.au.

Note: To ensure that this work is completed to Council's satisfaction, this consent by separate condition, may impose one or more Infrastructure Works Bonds.

Note: When an application under the *Roads Act* is required, then four (4) weeks is to be allowed for assessment.

Note: *road* has the same meaning as in the *Roads Act 1993*.

Note: The intent of this condition is that the design of the road, footpaths, driveway crossings and public stormwater drainage works must be detailed and approved prior to the issue of any Construction Certificate. Changes in levels may arise from the detailed design of buildings, road, footpath, driveway crossing grades and stormwater. Changes required under *Road Act 1993* approvals may necessitate design and levels changes under this consent. This may in turn require the Applicant to seek to amend this consent.