

Attachment 6 – Revised Recommended Conditions

Approved Plans and Specifications

- 1 The development shall be implemented substantially in accordance with the details and specifications set out on the plans to be listed by Council and any details on the application form, and with any supporting information received, except as amended by the conditions specified and imposed hereunder.

General Matters

- 2 **Building Work - Compliance with the Building Code of Australia**
All building work must be carried out in compliance with the provisions of the Building Code of Australia.
- 3 **Construction Certificate**
A Construction Certificate must be obtained from Council or an Accredited Certifier prior to work commencing.

A Construction Certificate certifies that the provisions of Clauses 139-148 of the Environmental Planning and Assessment Amendment Regulations, 2000 have been satisfied, including compliance with all relevant conditions of Development Consent and the Building Code of Australia.

Note: The submission to Council of two (2) copies of all stamped Construction Certificate plans and supporting documentation is required within **two (2)** days from the date of issue of the Construction Certificate, in the event that the Construction Certificate is not issued by Council.
- 4 **Disability Discrimination Act 1992**
This consent does not imply or confer compliance with the requirements of the Disability Discrimination Act 1992.

It is the responsibility of the applicant to guarantee compliance with the requirements of the Disability Discrimination Act 1992. The current Australian Standard AS1428.1 (2009) – Design for Access and Mobility is recommended to be referred for specific design and construction requirements, in order to provide appropriate access to all persons within the building.
- 5 **Maintenance of Access to Adjoining Properties**
Access to all properties not the subject of this approval must be maintained at all times and any alteration to access to such properties, temporary or permanent, must not be commenced until such time as written evidence is submitted to Council or the Principal Certifying Authority indicating agreement by the affected property owners.
- 6 **Protection of Public Infrastructure**
Council must be notified in the event of any existing damage to any of its infrastructure such as the road, kerb and gutter, road shoulder, footpath, drainage structures and street trees fronting the development site, prior to commencement of any work.

Adequate protection must be provided for Council infrastructure prior to work commencing and during building operations.

Any damage to Council's assets shall be made good, prior to the issue of any Occupation Certificate or commencement of the operation.
- 7 **Geotechnical**
 1. Prior to commencement of construction a dilapidation report is required for all structures located within the zone of influence of the proposed earthworks as determined by a geotechnical consultant.
 2. Existing drainage is to be left undisturbed by the development. Guidance on its location and depth is to be sought from the geotechnical consultant.
 3. An earthworks plan is to be developed by the geotechnical consultant prior to start of earthworks.

4. The earthworks plan may require modification in light of any subsequent geotechnical reports commissioned to address unforeseen geotechnical conditions encountered during the site preparation earthworks.
5. Foundation systems are to be designed for Class P soils. Other foundation systems may be acceptable if supported by appropriate geotechnical advice.
6. Retaining wall design is not to include anchors extending on to adjoining property without the written consent of the adjoining property owner.
7. The structural designs for all foundations are to be endorsed by the geotechnical consultant that all known site geotechnical constraints have been accommodated in the designs.
8. Equilibrium soil moisture conditions are to be maintained on adjoining properties to minimise settlement in these properties.
9. Hard bedrock where encountered will be difficult to excavate. Alternative excavation methods should be considered to minimise noise and vibration.
10. All excavations need to be supported during and after construction particularly to protect adjoining property with nearby existing development.
11. No disturbance of ground is to occur beyond site boundaries. A minimum buffer between site boundaries and the construction of retaining structures is to be recommended by the geotechnical consultant to ensure adjoining property is not adversely impacted upon by this development.
12. Due to the sensitivity of the site to changing geotechnical conditions, all earthworks including drainage and retaining wall construction must be undertaken with Level 1 geotechnical supervision as defined in Australian Standard AS3798 Guidelines for Earthworks for Commercial and Residential Developments.

8 **Adaptable Units**

The nominated adaptable units within the development must be designed and constructed so as to be capable of adaptation for disabled or elderly residents. Dwellings must be designed in accordance with the Australian Adaptable Housing Standard (AS 4299-1995), which includes "pre-adaptation" design details to ensure visitability is achieved. Level access is required to be provided between the internal living space and balcony of the adaptable units and sufficient circulation space is required throughout.

9 **Occupation Certificate**

An Occupation Certificate must be issued by the Principal Certifying Authority prior to occupation or use of the development. In issuing an Occupation Certificate, the Principal Certifying Authority must be satisfied that the requirements of Section 109H of the Environmental Planning and Assessment Act 1979, have been complied with as well as all of the conditions of the Development Consent.

10 **Tree Removal**

This consent permits the removal of all trees on site and the existing street trees as indicated on the submitted landscape plans by Taylor Brammer Landscape Architects dated 03.05.2017. No other trees shall be removed without prior written approval of Council.

11 **Street Tree Removal**

The developer shall remove the existing the street trees indicated on the submitted landscape plans by Taylor Brammer Landscape Architects dated 03.05.2017.

Tree removal costs are to be borne by developer. The removal of trees, including stumps, is to be carried out by suitably qualified tree contractor. This contractor must be appropriately insured to indemnify Council against any loss or damage incurred during the above works. They must also have appropriate WH&S policies and procedures (including traffic control) to ensure that works are carried out in a safe manner and in accordance in Council's own WH&S policies.

The developer must apply for (and be granted) permission under Section 138 of the Act 1993 'Work Within The Road Reserve'. Tree removal must be carried out to the satisfaction of WCC Manager of Development Engineering.

Prior to the Issue of the Construction Certificate

12 Demolition Plan

Prior to the release of a Construction Certificate or the commencement of any works at the site, a detailed demolition work plan prepared by a suitably qualified person shall be submitted to and approved by Council. The plan shall be prepared in accordance with Australian Standard AS 2601- 2001 – The Demolition of Structures, and shall include the following details:

- Identification of any hazardous materials,
- the proposed method and timing of demolition works;
- the expected duration of the demolition works;
- an outline of the machinery and equipment to be employed to undertake the demolition works;
- precautions to be employed to minimise any dust nuisance and;
- the disposal methods for hazardous materials.

A Construction Certificate shall not be released by the Principal Certifying Authority and no demolition works shall commence until such time as Council's written approval has been obtained for the demolition plan. The approved demolition plan shall be complied with at times.

13 Construction Management Plan

Prior to the release of a Construction Certificate or the commencement of any works at the site, a detailed Construction Management Plan (CMP) prepared by a suitably qualified person shall be submitted to and approved by Council. The construction management plan shall include (but not be limited to) the following details:

- plan of proposed construction storage area;
- parking for construction workers during the demolition and construction phases;
- the type of materials/plant/ equipment to be transported to and stored at the site and how is it to be transported and stored;
- timing of delivery of materials;
- the proposed access points to the site during construction;
- treatment of barricading/ hoarding for construction/and restricting access;
- address all environmental aspects of the development's demolition and construction phases including soil and water management/erosion and sediment control plan; noise and vibration management plan; dust suppression/ dust management plan; waste management plan and litter control;
- construction noise mitigation measures; and
- timing of waste collection during construction.

A Construction Certificate shall not be released by the Principal Certifying Authority and no works shall commence until such time as Council's written approval has been obtained for the construction management plan. The approved construction management plan shall be complied with at times.

14 Construction Environmental Management Plan

Submit an excavated soil material disposal plan to the PCA prior to the release of a Construction Certificate, with the batching, sampling and analysis procedures as per the DECCW (2009) *Waste Classification Guidelines*. The plan shall be prepared by a suitably qualified and experienced consultant. A copy of the plan shall be forwarded to Council.

15 Remediation Action Plan

A Remediation Action Plan must be submitted to the Principal Certifying Authority and Council (in the event Council is not the Principal Certifying Authority for its records), prior to the issue of a Construction Certificate. The Remediation Action Plan must be prepared by a suitably qualified and experienced consultant who is certified under one of the following schemes:

- a) the Site Contamination Practitioners Australia (SCPA) scheme;
- b) the Environment Institute of Australia and New Zealand's (EIANZ) Contaminated Land Assessment Specialist Certified Environmental Practitioner (CLA Specialist CEnvP) scheme; or

- c) the Soil Science Australia (SSA) Certified Professional Soil Scientist Contaminated Site Assessment and Management (CPSS CSAM) certification.

16 Section 73 Compliance Certificate

A Section 73 Compliance Certificate under the Sydney Water Act 1994 must be obtained from Sydney Water Corporation. Application must be made through an authorised Water Servicing Coordinator. Please refer to the “Builders and Developers” section of the web site www.sydneywater.com.au then search to “Find a Water Servicing Coordinator”. Alternatively, telephone 13 20 92 for assistance.

Following application, a “Notice of Requirements” will advise of water and sewer infrastructure to be built and charges to be paid. Please make early contact with the Coordinator, since building of water/sewer infrastructure can be time consuming and may impact on other services and building, driveway or landscape design.

The Notice of Requirements must be submitted to the Principal Certifying Authority prior to issue of the Construction Certificate.

17 Present Plans to Sydney Water

Approved plans must be submitted online using Sydney Water Tap, available through www.sydneywater.com.au to determine whether the development will affect Sydney Water’s sewer and water mains, stormwater drains and/or easements, and if further requirements need to be met.

The Certifying Authority must ensure that Sydney Water has issued an approval receipt prior to the issue of a Construction Certificate.

Visit www.sydneywater.com.au or telephone 13 20 92 for further information.

18 Endeavour Energy Requirements

The submission of documentary evidence from Endeavour Energy to the Principal Certifying Authority is required confirming that satisfactory arrangements have been made with Endeavour Energy for the provision of electricity supplies to the development, prior to the release of the Construction Certificate.

Note: Applications should be made to Customer Connections – South Coast, Endeavour Energy PO Box 811 Seven Hills NSW 1730.

19 Substation Design

Prior to the release of a Construction Certificate, the developer shall obtain and provide evidence of Endeavour Energy’s approval of the substation design.

20 Telecommunications

The submission of documentary evidence from an approved telecommunications carrier to the Principal Certifying Authority confirming that underground telecommunication services are available for this development is required prior to the issue of the Construction Certificate.

21 Utility Services

Should a proposed Vehicular Crossing be located where it is likely to disturb or impact upon a utility installation (ie power pole, Telstra pit etc) written confirmation from the affected supplier that they have agreed to the proposed impacts shall be submitted to the Principal Certifying Authority prior to the issue of the Construction Certificate.

22 The arrangements and costs associated with any adjustment to a public utility service shall be borne by the applicant/developer. Any adjustment, deletion and/or creation of public utility easements associated with the approved works are the responsibility of the applicant/developer. The submission of documentary evidence to the Principal Certifying Authority which confirms that satisfactory arrangements have been put in place regarding any adjustment to such services is required prior to the release of the Construction Certificate.

23 The depth and location of all services (ie gas, water, sewer, electricity, telephone, traffic lights, etc) must be ascertained and reflected on the Construction Certificate plans and supporting documentation.

24 Dilapidation Report Prior to Construction

A Dilapidation Report detailing the current structural condition of adjoining buildings, infrastructure and roads shall be prepared and endorsed by a qualified structural engineer. The report shall be submitted to the satisfaction of the certifying authority prior to issue of the

Construction Certificate. The report shall also identify the condition of all Council assets in the vicinity of the proposed works.

A copy of the report is to be forwarded to Council and the owners of adjoining properties prior to the issue of a Construction Certificate.

25 **Awnings**

Awnings erected over the Atchison Street frontage of the site shall comply with the specifications contained within Clause 3.5 Awnings of Chapter D13 (Wollongong City Centre) of Wollongong Development Control Plan 2009.

26 **External Finishes**

The building shall be constructed and finished in accordance with the approved schedule of finishing materials and colours except where amended by conditions of this consent. This requirement shall be reflected on the Construction Certificate plans and supporting documentation.

27 **Glass Reflectivity Index**

The reflectivity index of the glass and other finishing materials used in the external façade of the building shall not exceed 20 per cent. The details and samples of the glass to be used are to be submitted with the Construction Certificate together with written evidence that the reflectivity of the glass is 20 per cent or less.

28 Pedestrian access ways, entry paths and lobbies must be constructed with durable materials commensurate with the standard of the adjoining public domain with appropriate slip resistant materials, tactile surfaces and contrasting colours.

29 **Finish of Vehicular Entries**

Vehicular entries are to have high quality finishes to walls and ceilings as well as high standard detailing. No ducts or pipes are to be visible from the street.

30 **Placement of Air Conditioning Units**

Air conditioning systems are to not to be located where they are visible from Atchison Street. Plans submitted to the Principal Certifying Authority prior to issue of the Construction Certificate are to identify any external components of air conditioning systems to ensure they meet the requirements of this condition.

31 **Integration of Rooftop Structures in Approved Building Envelope**

All rooftop or exposed structures including lift rooms, plant rooms together with air conditioning units, ventilation and exhaust systems are to be integrated within the approved rooftop envelope. This requirement shall be reflected on the Construction Certificate plans.

32 **Mechanical Ventilation of the Car park**

The car park shall be mechanically ventilated, to be ducted to the roof. Details demonstrating compliance shall be provided with the Construction Certificate.

33 **Permeable Garage Shutter**

Any shutters provided within the basement car park shall be permeable so as to improve basement ventilation, as per the requirements of 3J-4 of the Apartment Design Guide.

34 **External Lighting**

Any lighting of external areas within the development such as the communal open space area, shall be designed and located in a manner to prevent light spill and/ or glare impacts on neighbouring properties. Light placement and design shall be indicated on the construction certificate drawings.

35 **Wind Effects**

The recommendations contained within the Pedestrian Wind Environment Study prepared by WINDTECH Consultants Pty Ltd (report reference wD073-01F04(REV1) - WE Report dated 29 September 2016) shall be illustrated on the plans provided with the Construction Certificate.

36 **Car Parking and Access**

The development shall make provision for the following car parking, motorcycle and bicycle spaces:

Residential

- 87 residential car parking spaces (including 9 spaces capable of adaption for people with disabilities)
- 19 visitor parking spaces
- 6 motorbike parking spaces
- 31 secure residential bicycle spaces
- 8 visitor bicycle spaces

Retail/Commercial

- 13 car parking spaces (including 2 disabled car parking spaces)
- 1 motorbike parking space
- 1 secure staff bicycle space
- 1 visitor bicycle space

This requirement shall be reflected on the Construction Certificate plans. Any change in the above parking numbers shown on the approved DA plans shall be dealt with via a section 96 modification to the development. The approved parking spaces shall be maintained to the satisfaction of Council, at all times.

- 37 The parking dimensions, internal circulation, aisle widths, kerb splay corners, head clearance heights, ramp widths and grades of the car parking areas are to be in conformity with the current relevant Australian Standard AS2890.1, except where amended by other conditions of this consent. Details of such compliance are to be reflected on the Construction Certificate plans.
- 38 Each disabled person's parking space must comply with the current relevant Australian Standard AS2890.6 – Off-street parking for people with disabilities. This requirement shall be reflected on the Construction Certificate plans.
- 39 The designated loading/unloading facility shall be kept clear for that purpose at all times. The designated loading/unloading facility shall be shown on the Construction Certificate plans.
- 40 The provision of suitable barriers, line-marking and painted signage delineating vehicular flow movements within the car parking areas. These details shall be reflected on the Construction Certificate plans.
- 41 Bicycle parking facilities must have adequate weather protection and provide the appropriate level of security as required by the current relevant Australian Standard AS2890.3 - Bicycle Parking Facilities and Austroads Guide to Traffic Management Part 11: Parking (Commentary 9: C9.2). This requirement shall be reflected on the Construction Certificate plans.
- 42 Gradients of ramps and access driveways shall be provided in accordance with the current relevant Australian Standard AS2890.1 - Off Street Car Parking. This requirement shall be reflected on the Construction Certificate plans.
- 43 Any proposed structures adjacent to the driveway shall comply with the requirements of the current relevant Australian Standard AS2890.1 to provide for adequate sight distance. This includes, but is not limited to, structures such as signs, letterboxes, retaining walls, dense planting etc. This requirement shall be reflected on the Construction Certificate plans.
- 44 **Detailed Drainage Design**
A detailed drainage design for the proposed development shall be prepared by a suitably qualified civil engineer in accordance with Chapter E14 of the Wollongong DCP 2009 and conditions listed under this consent. This requirement shall be reflected on the Construction Certificate plans and supporting documentation.
- 45 **On-Site Detention - Design Criteria**
Each on-site stormwater detention facility must incorporate a minimum 900 mm square lockable grate for access and maintenance purposes, provision for step irons where required, provision for safety, debris control screen and a suitably graded invert to prevent ponding (i.e. no sump). Also, details of the orifice plate including diameter of orifice and method of fixing shall be provided. These requirements shall be reflected on the Construction Certificate plans.
- 46 **On-Site Detention – Identification**
The construction certificate plans are to detail a corrosion resistant identification plaque for location on or close to the on-site stormwater detention (OSD) facility. The plaque

shall include the following information and shall be installed prior to the issue of the occupation certificate:

- The structure is an OSD facility, being part of the stormwater drainage network, and is not to be tampered with.
- Identification number – DA-2016/1719.
- Any specialist maintenance requirements.

47 **On-Site Detention – Orifice and Weir Calculations**

Orifice and weir calculations for the on-site detention facility shall be provided on the Construction Certificate plans and supporting documentation prior to the release of the Construction Certificate.

48 **Existing/Proposed Levels**

Existing and proposed levels to Australian Height Datum (AHD), including floor, ground, grate, pipe inverts, overland flow path and pavement levels shall be shown on the detailed drainage design. This requirement shall be reflected on the Construction Certificate plans and supporting documentation.

49 **Roofwater Drainage**

All roof gutters/sumps and downpipes shall be designed to cater for a 1 in 100 year ARI storm event in accordance with AS 3500.3 – Plumbing and Drainage (Stormwater Drainage). Details of gutter/downpipe sizes and downpipe locations shall be reflected on the Construction Certificate plans.

50 **Structural Soundness Design Criteria**

The proposed building shall be designed to withstand the forces of floodwater, debris and buoyancy up to and including the Probable Maximum Flood (PMF) plus freeboard being a level of RL 13.35 metres AHD at the western edge of the building. This requirement shall be reflected on the Construction Certificate plans and supporting documentation prior to the issue of the Construction Certificate.

51 **Maintenance of Flood Conveyance**

The detailed design of the development shall be generally in accordance with the plans listed below, to ensure no reduction in the flood flow conveyance capacity of the site and no increase in flooding elsewhere as a result of the development. Details of the proposed subfloor flood conveyance area including invert/obvert levels, internal vertical clearance heights, maintenance access points, and proposed louvres fronting Atchison Street, shall be reflected on the Construction Certificate plans. Evidence that these requirements have been satisfied shall be submitted to the Principal Certifying Authority prior to the release of a Construction Certificate.

- Subfloor Level Flood Management Plan
(ATB Consulting Engineers Project No. 17091, Drawing No. F1, Revision A dated 31/08/17)
- Ground Floor Level Flood Management Plan – Part 1
(ATB Consulting Engineers Project No. 17091, Drawing No. F2, Revision A dated 31/08/17)
- Ground Floor Level Flood Management Plan – Part 2
(ATB Consulting Engineers Project No. 17091, Drawing No. F3, Revision A dated 31/08/17)
- Post-dev. Site Flood Sections
(ATB Consulting Engineers Project No. 17091, Drawing No. F7, Revision A dated 31/08/17)
- Post-dev. Site Flood Sections
(ATB Consulting Engineers Project No. 17091, Drawing No. F8, Revision A dated 31/08/17)
- Post-dev. Site Flood Sections
(ATB Consulting Engineers Project No. 17091, Drawing No. F9, Revision A dated 31/08/17)
- Flooding Subfloor Plan
(PRD Architects Project No. 016-001, Drawing No. FM-00, Revision F dated 2017.08.31)
- Flooding Subfloor Plan

- (PRD Architects Project No. 016-001, Drawing No. FM-00, Revision F dated 2017.08.31)
- Flood Management Sections
(PRD Architects Project No. 016-001, Drawing No. FM-01, Revision F dated 2017.08.31)
- Flood Management Section 2
(PRD Architects Project No. 016-001, Drawing No. FM-2, Revision F dated 2017.08.31)
- Flood Management Sections 3
(PRD Architects Project No. 016-001, Drawing No. FM-3, Revision F dated 2017.08.31)

52 **Landscaping**

The submission of a final Landscape Plan will be required in accordance with the requirements of Chapter E6 of Wollongong Development Control Plan (DCP) 2009 and the submitted Landscape Plan for the approval by the Principal Certifying Authority, prior to the release of the Construction Certificate. The final landscape plan shall make provision for the required street tree planting and footpath paving works as required by other conditions of this consent.

The completion of the landscaping works as per the final approved Landscape Plan is required, prior to the issue of Occupation Certificate.

53 **Landscape and Drainage Compatibility**

The submission of certification from a suitably qualified and experienced landscape designer and drainage consultant to the Principal Certifying Authority prior to the release of the Construction Certificate, confirming that the landscape plan and the drainage plan are compatible.

54 **Landscape Maintenance Program**

The implementation of a landscape maintenance program in accordance with the approved Landscape Plan for a minimum period of 12 months to ensure that all landscape work becomes well established by regular maintenance. Details of the program must be submitted with the Landscape Plan to the Principal Certifying Authority prior to release of the Construction Certificate.

55 **Footpath Paving City Centre**

The developer is responsible for the construction of footpath paving for the entire frontage of the development for the full width of the verge. The type of paving for this development shall be in accordance with the Wollongong City Council Public Domain Technical Manual.

A nominal two percent (2%) minimum one percent (1%), maximum two and a half percent (2.5%) cross fall to be provided from property line to back of kerb. Any changes of level, ramps or stairs and associated tactile markers and handrails are to be contained within the property boundary.

The driveway entry threshold from the property boundary line to the face of kerb is to match the footpath material and be designed to withstand predicted traffic loadings.

The driveway threshold finish within property boundary line is to contrast with driveway entry.

The footpath and driveway entry on the council property must be installed to the satisfaction of WCC Manager of Works.

A Landscape Plan is to be submitted to Council for approval prior to the issue of the Construction Certificate showing proposed paving, footpath design levels, street tree details and location of all services.

56 **Street Trees City Centre**

The developer must address the street frontage by installing street tree planting. The number and species for this development nine *Elaeocarpus reticulatis*, 200 litre container size in accordance with AS 2303:2015 Tree stock for landscape use. Tree pit detailing is to be in accordance with the Wollongong City Council Public Domain Technical Manual. Dial Before You Dig must be consulted prior to any excavation on site. Pot holing must be carried out to determine service location. Location of street tree plantings to be sited to ensure no conflict occurs with street light poles.

Tree pits must be adequately mulched, plants installed and tree guard/staking/tree grille/edging installed to the satisfaction of WCC Manager of Development Engineering.

These requirements shall be reflected on the Construction Certificate plans and any supporting documentation.

57 **Engineering Plans and Specifications - Retaining Wall Structures**

The submission of engineering plans and supporting documentation of all proposed retaining walls to the Principal Certifying Authority for approval prior to the issue of the Construction Certificate. The retaining walls shall be designed by a suitably qualified and experienced civil and/or structural engineer. The required engineering plans and supporting documentation shall include the following, where applicable:

- a) A plan of the wall showing location and proximity to property boundaries;
- b) an elevation of the wall showing ground levels, maximum height of the wall, materials to be used and details of the footing design and longitudinal steps that may be required along the length of the wall;
- c) details of fencing or handrails to be erected on top of the wall;
- d) sections of the wall showing wall and footing design, property boundaries and backfill material. Sections shall be provided at sufficient intervals to determine the impact of the wall on existing ground levels. The developer shall note that the retaining wall and footing structure must be contained wholly within the subject property;
- e) the proposed method of subsurface and surface drainage, including water disposal;
- f) reinforcing and joining details of the bends in the wall at the passing bay of the accessway;
- g) the assumed traffic loading used by the engineer for the wall design.

58 **Property Addressing Policy Compliance**

Prior to the issue of any construction certificate, the developer must ensure that any site addressing complies with Council's **Property Addressing Policy** (as amended). Where appropriate, the developer must also lodge a written request to Council's **Infrastructure Systems & Support – Property Addressing** (propertyaddressing@wollongong.nsw.gov.au), for the site addressing prior to the issue of the construction certificate. Enquiries regarding property addressing may be made by calling 4227 8660.

59 **External Lighting**

Any lighting of external areas within the development such as the podium and rooftop communal open space, driveways and car parking entries, shall be designed and located in a manner to prevent light spill and/ or glare impacts on neighbouring properties. Light placement and design shall be indicated on the Construction Certificate drawings.

60 In order to maximise visibility in the basement carpark, the ceiling shall be painted white. This requirement shall be reflected on the Construction Certificate plans.

61 **Site Management, Pedestrian and Traffic Management Plan (Where Works are Proposed in a Public Road Reserve)**

The submission of a Site Management, Pedestrian and Traffic Management Plan to the Principal Certifying Authority and Council (in the event that Council is not the Principal Certifying Authority) for approval of both the Principal Certifying Authority and Council is required, prior to the issue of the Construction Certificate. This plan shall address what measures will be implemented for the protection of adjoining properties, pedestrian safety and traffic management and shall be in compliance with the requirements of the latest versions of Australian Standard AS1742 - Traffic Control Devices for Works on Roads and the RMS Traffic Control at Worksites Manual.

This plan is required to maintain public safety, minimise disruption to pedestrian and vehicular traffic within this locality and to protect services, during demolition, excavation and construction phases of the development. This plan shall include the following aspects:

- a) proposed ingress and egress points for vehicles to/from the construction site;
- b) proposed protection of pedestrians, adjacent to the construction site;
- c) proposed pedestrian management whilst vehicles are entering/exiting the construction site;
- d) proposed measures to be implemented for the protection of all roads and footpath areas surrounding the construction site from building activities, crossings by heavy

- equipment, plant and materials delivery and static load from cranes, concrete pumps and the like;
- e) proposed method of loading and unloading excavation machines, building materials formwork and the erection of any part of the structure within the site;
 - f) proposed areas within the site to be used for the storage of excavated material, construction materials and waste containers during the construction period;
 - g) proposed traffic control measures such as advanced warning signs, barricades, warning lights, after hours contact numbers etc are required to be displayed where works are in progress in any road reserve and shall be in accordance the latest versions of the NSW Roads and Maritime Service's Specification - "Traffic Control at Work Sites Manual" and the Australian Standard AS1742. – "Manual of Uniform Traffic Control Devices" and accompanying field handbooks (SAA HB81);
 - h) proposed method of support of any excavation, adjacent to adjoining buildings or the road reserve. The proposed method of support is to be certified by an accredited certifier in Civil Engineering; and
 - i) proposed measures to be implemented, in order to ensure that no soil/excavated material is transported on wheels or tracks of vehicles or plant and deposited on the roadway.

The approved plan shall be implemented, prior to the commencement of any works upon the construction site.

Note: Any proposed works or placement of plant and equipment and/or materials within any road reserve will require the separate approval of Council, prior to the commencement of such works, pursuant to the provisions of the Roads Act 1993.

62 **Works in Road Reserve**

Prior to the issue of a Construction Certificate, the owner or contractor shall provide evidence to the Council of a Public Risk Insurance Policy with a minimum cover of \$10 million in relation to the occupation of and works within Council's road reserve, for the full duration of the proposed works. The policy is to note Council as an interested party.

63 **Supervision of Works within Road Reserve**

The works within Council's road reserve shall be supervised by a suitably qualified and experienced Civil Engineer or Civil Engineering Foreman. The supervisor's name, address and contact details (including telephone number), together with a written construction program and anticipated duration of the construction works shall be submitted to Council's Development Engineering Manager prior to the commencement of works within the road reserve.

64 **Section 94A Levy Contribution**

Pursuant to Section 80A(1) of the Environmental Planning and Assessment Act 1979, and the Wollongong City Council Section 94A Development Contributions Plan, a contribution of \$543,560.00 (subject to indexation) must be paid to Council towards the provision of public amenities and services, prior to the release of any associated Construction Certificate.

The contribution amount will be subject to indexation until the date of payment. The formula for indexing the contribution is:

$$\text{Contribution at time of payment} = \$C \times (\text{CP2}/\text{CP1})$$

Where

\$C is the original contribution as set out in the Consent

CP1 is the Consumer Price Index; All Groups CPI; Sydney at the time the consent was issued

CP2 is the Consumer Price Index; All Groups CPI; Sydney at the time of payment

Details of CP1 and CP2 can be found in the Australian Bureau of Statistics website Catalog No. 6401.0 - Consumer Price Index, Australia.

METHOD	HOW	PAYMENT TYPE
Online	http://www.wollongong.nsw.gov.au/applicationpayments Your Payment Reference: 786880	· Credit Card

In Person	Wollongong City Council Administration Building Customer Service Centre Ground Floor 41 Burelli Street WOLLONGONG	<ul style="list-style-type: none"> • Cash • Credit Card • Bank Cheque
PLEASE MAKE CHEQUES PAYABLE TO: Wollongong City Council (Personal Cheques not accepted)		

A copy of the Wollongong City Council Section 94A Development Contributions Plan and accompanying Fact Sheet may be inspected or obtained from the Wollongong City Council Administration Building, 41 Burelli Street, Wollongong during business hours or on Council's web site at www.wollongong.nsw.gov.au.

The reason for Section 94A is to provide high quality and diverse public amenities and services to meet the expectations of the existing and new residents of Wollongong City Council.

65 Flood Prevention

Habitable floor levels must be constructed at a minimum of RL 13.10 metres AHD. This requirement shall be reflected on the Construction Certificate plans, prior to the release of the Construction Certificate.

66 Flood Compatible Materials

Any portion of the building or structure below RL 13.25 metres AHD should be built from flood compatible materials. Where materials are proposed and not listed in Appendix B of Chapter E13 of the Wollongong DCP2009, relevant documentation from the manufacturer shall be provided demonstrating that the materials satisfy the definition of 'flood compatible materials' as stated in Chapter E13 of the Wollongong DCP2009. These requirements shall be reflected on the Construction Certificate plans prior to the release of the Construction Certificate.

67 Overflow Paths

Overflow paths must be provided to allow for flows of water in excess of the capacity of the pipe/drainage system draining the land, as well as from any detention storage on the land. Blocked pipe situations with 1 in 100 year ARI events must be incorporated in the design. Overflow paths must also be provided in low points and depressions. This requirement shall be reflected on the Construction Certificate plans prior to the release of the Construction Certificate.

68 On-site Detention

Details of the proposed method of connection of the On-site Detention (OSD) facility to Council's drainage system must be provided with the detailed drainage design for the site. The design and details shall ensure public stormwater flows will not surcharge into the development via the proposed connection. The details must be submitted to the Principal Certifying Authority prior to the issue of the Construction Certificate.

69 The developer must provide on-site detention storage for stormwater runoff from the development. The Site Storage Requirement (SSR) and Permissible Site Discharge (PSD) values for the site must be designed in accordance with Chapter E14 of the Wollongong DCP2009. Details of the detention facility and SSR/PSD values must be submitted with the Construction Certificate application.

70 Pier and Beam Footings Adjacent to any Drainage Easement

Buildings and structures (including brick fences) adjacent to easements shall be supported on pier and beam footings outside the easement. The base of the piers shall be a minimum 900 mm below ground level and shall extend below the invert level of the drainage pipelines within the easement. Structural engineers details are required detailing the size and levels of the existing drainage pipelines and the design levels for the base of the piers adjacent to the easement.

71 On-Site Detention – Structural Design

The on-site detention facility must be designed to withstand loadings occurring from any combination of hydrostatic, earth, traffic and buoyancy forces. Details must be provided demonstrating these requirements have been achieved prior to the issue of the Construction Certificate.

72 **On-Site Detention - Maintenance Schedule**

A maintenance schedule for the on-site stormwater detention system must be submitted with the Construction Certificate plans for the proposed development. The maintenance schedule must be in accordance with Chapter E14 of the Wollongong DCP2009.

Prior to the Commencement of Works

73 **Temporary Road Closure(s)**

If a road closure is required, an approval must be obtained from City of Wollongong Traffic Committee and Wollongong City Council.

Note: It may take up to eight (8) weeks for approval. An application for approval must include a Traffic Control Plan prepared by a suitably qualified person which is to include the date and times of closure and any other relevant information. The traffic control plan shall satisfy the requirements of the latest versions of Australian Standard AS1742-Traffic Control Devices for Works on Roads and the RMS Traffic Control at Worksites Manual.

74 **Prior approval from Council for any works in Road Reserve**

Approval, under Section 138 of the Roads Act must be obtained from Wollongong City Council's Development Engineering Team prior to any works commencing or any proposed interruption to pedestrian and/or vehicular traffic within the road reserve caused by the construction of this development. A traffic control plan prepared and implemented by a suitably qualified person must be submitted for approval and the appropriate fees paid a minimum of five working days prior to the expected implementation. The traffic control plan shall satisfy the requirements of the latest versions of Australian Standard AS1742 – Traffic Control Devices for Works on Roads and the RMS Traffic Control at Worksites Manual.

Note: This includes temporary road closures for the delivery of materials, plant and equipment, concrete pours etc.

75 **Application for Occupation, Use, Disturbance or Work on Footpath/Roadway**

Any occupation, use, disturbance or work on the footpath or road reserve for construction purposes, which is likely to cause an interruption to existing pedestrian and / or vehicular traffic flows requires Council consent under Section 138 of the Roads Act 1993. An application must be submitted and approved by Council prior to the works commencing where it is proposed to carry out activities such as, but not limited to, the following:

- (a) Digging or disruption to footpath/road reserve surface;
- (b) Loading or unloading machinery/equipment/deliveries;
- (c) Installation of a fence or hoarding;
- (d) Stand mobile crane/plant/concrete pump/materials/waste storage containers;
- (e) Pumping stormwater from the site to Council's stormwater drains;
- (f) Installation of services, including water, sewer, gas, stormwater, telecommunications and power;
- (g) Construction of new vehicular crossings or footpaths;
- (h) Removal of street trees;
- (i) Carrying out demolition works.

76 **Construction Environmental Management Plan**

Prior to the commencement of work, a construction environmental management plan shall be provided to the PCA. The plan shall address as minimum the vehicle traffic, odour and vapour, dust, plant and machinery noise, water and sediment management, surface water, subsurface seepage and accumulated excavation water, sediment from equipment and cleaning operations, site security, working hours, contact information, incident response and contingency management. The plan shall be implemented at all times during the course of demolition and construction.

- 77 **Appointment of Principal Certifying Authority**
Prior to commencement of work, the person having the benefit of the Development Consent and a Construction Certificate must:
- a) Appoint a Principal Certifying Authority (PCA) and notify Council in writing of the appointment irrespective of whether Council or an accredited private certifier is appointed; and
 - b) notify Council in writing of their intention to commence work (at least two days notice is required).
- The Principal Certifying Authority must determine when inspections and compliance certificates are required.
- 78 **Sign – Supervisor Contact Details**
Before commencement of any work, a sign must be erected in a prominent, visible position:
- a) stating that unauthorised entry to the work site is not permitted;
 - b) showing the name, address and telephone number of the Principal Certifying Authority for the work; and
 - c) showing the name and address of the principal contractor in charge of the work site and a telephone number at which that person can be contacted at any time for business purposes.
- This sign shall be maintained while the work is being carried out and removed upon the completion of the construction works.
- 79 **Temporary Toilet/Closet 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 must be:
- a) a standard flushing toilet; and
 - b) connected to either:
 - i) the Sydney Water Corporation Ltd sewerage system or
 - ii) an accredited sewage management facility or
 - iii) an approved chemical closet.
- The toilet facilities shall be provided on-site, prior to the commencement of any works.
- 80 **Structural Engineer's Details**
Structural engineer's details for all structurally designed building works such as reinforced concrete footings, reinforced concrete slabs and structural steelwork must be submitted to the Principal Certifying Authority, prior to the commencement of any works on the site.
- 81 **Enclosure of the Site**
The site must be enclosed with a suitable security fence to prohibit unauthorised access, to be approved by the Principal Certifying Authority. No building work is to commence until the fence is erected.
- 82 **Hoardings (within any Public Road Reserve)**
The site must be enclosed with a suitable hoarding (type A or B) or security fence of a type in accordance with the Works and Services Division Design Standard, and must satisfy the requirements of the Occupational Health and Safety Act, the Occupational Health and Safety Regulations and Australian Standard AS 2601. This application must be submitted to Council's Works and Services Division, and a permit obtained, before the erection of any such hoarding or fence.
- 83 **Demolition Works**
The demolition of the existing structures shall be carried out in accordance with Australian Standard AS2601 (2001): The Demolition of Structures or any other subsequent relevant Australian Standard and the requirements of the NSW WorkCover Authority.
- No demolition materials shall be burnt or buried on-site. The person responsible for the demolition works shall ensure that all vehicles leaving the site carrying demolition materials have their loads covered and do not track soil or waste materials onto the road. Any

unforeseen hazardous and/or intractable wastes shall be disposed of to the satisfaction of the Principal Certifying Authority. In the event that the demolition works may involve the obstruction of any road reserve/footpath or other Council owned land, a separate application shall be made to Council to enclose the public place with a hoarding or fence over the footpath or other Council owned land.

84 Consultation with NSW WorkCover Authority

Prior to any work commencing on the site it is the responsibility of the owner to contact NSW WorkCover Authority in writing in respect to any demolition or use of any crane, hoist, plant or scaffolding.

85 Support for Neighbouring Buildings

This consent requires the preservation and protection of neighbouring buildings from any damage and if necessary, requires the underpinning and support of any neighbouring building in an approved manner. The applicant or the contractor carrying out the work must at least seven days in advance of any excavation works below the level of the base of the footings of a building on an adjoining allotment, including a public road or place, give written notice of intention to carry out such works to the property owner of the affected adjoining building and furnish specific written details and supporting plans or other documentation of the proposed work.

The adjoining property owner of land is not liable for any part of the cost of work carried out for the purposes of this condition, whether carried out on the allotment of land being excavated or on the adjoining allotment of land.

86 Site Management Program – Sediment and Erosion Control Measures

A site management program incorporating all sediment and erosion control measures (eg cleaning of sediment traps, fences, basins and maintenance of vegetative cover) is to be initiated prior to the commencement of any demolition, excavation or construction works and maintained throughout the demolition, excavation and construction phases of the development.

87 Sediment Control Measures

The developer must ensure that sediment-laden runoff from the site is controlled at all times subsequent to commencement of construction works. Sediment control measures must be maintained at all times and checked for adequacy at the conclusion of each day's work.

During Demolition, Excavation or Construction

88 Restricted Hours of Work

The developer must not carry out any work other than emergency procedures to control dust or sediment laden runoff outside the hours of 7.00 am to 6.00 pm, Monday to Saturdays without the prior written consent of the Principal Certifying Authority and Council.

No work is permitted on public holidays, Sundays or the Saturday adjacent to public holidays on Mondays or Fridays.

Any request to vary these hours shall be submitted to the **Council** in writing detailing:

- a the variation in hours required;
- b the reason for that variation;
- c the type of work and machinery to be used.

Note: The developer is advised that other legislation may control the activities for which Council has granted consent including but not limited to the Protection of the Environment Operations Act 1997.

89 Minimise Nuisance

The developer must carry out work at all times in a manner which will not cause a nuisance, by the generation of unreasonable noise, dust or other activity, to the owners and/or occupiers of adjoining and adjacent land.

90 The lighting of the premises must be directed so as not to cause nuisance to the owners or occupiers of adjoining premises or to motorists on adjoining or nearby roads.

- 91 **Waste Management**
The developer must provide an adequate receptacle to store all waste generated by the development pending disposal. The receptacle must be regularly emptied and waste must not be allowed to lie or accumulate on the property other than in the receptacle. Consideration should be given to the source separation of recyclable and reusable materials.
- 92 The building site must be kept free of rubbish at all times. All refuse capable of being wind blown must be kept in a suitable waste container.
- 93 Building operations such as brick cutting, the washing of tools or paint brushes, or other equipment and the mixing of mortar must not be carried out on the roadway or public footpath or any other locations which could lead to the discharge of materials into the stormwater drainage system or natural watercourse.
- 94 **Dust Suppression Measures**
Activities occurring during the construction phase of the development must be carried out in a manner that will minimise the generation of dust. All sealed surfaces intended to carry vehicular traffic must be managed with the aim of preventing windblown dust emissions.
- 95 **No Adverse Run-off Impacts on Adjoining Properties**
The design of the development shall ensure there are no adverse effects to adjoining properties or upon the land as a result of flood or stormwater run-off. Attention must be paid to ensure adequate protection for buildings against the ingress of surface run-off.
- 96 **Re-direction or Treatment of Stormwater Run-off**
Allowance must be made for surface run-off from adjoining properties. Any redirection or treatment of that run-off must not adversely affect any other property.
- 97 **Piping of Stormwater to Existing Stormwater Drainage System**
Stormwater for the land must be piped to Council's existing stormwater drainage system.
- 98 **Supervision of Engineering Works**
All engineering works associated with the development are to be carried out under the supervision of a practicing engineer.
- 99 **Copy of Consent to be in Possession of Person carrying out Tree Removal**
The applicant/developer must ensure that any person carrying out tree removal/vegetation clearance is in possession of this development consent and/or the approved landscape plan, in respect to the trees/vegetation which have/has been given approval to be removed in accordance with this consent.
- 100 **Protection of Excavations**
If an excavation associated with the erection or demolition of a building extends below the level of the base of the footings of a building on adjoining allotment of land, the person causing the excavation to be made:
- a) must preserve and protect the adjoining building from damage; and
 - b) if necessary, must underpin and support the building in an approved manner; and
 - c) must, at least seven (7) days before excavation below the level of the base of the footings of a building on an adjoining allotment of land, give notice of intention to do so to the owner of the adjoining allotment of land and furnish particulars of the excavation.
- 101 All excavations and backfilling associated with the erection of a building must be executed safely and in accordance with appropriate professional standards.
- 102 All excavations and backfilling associated with the erection of a building must be properly guarded and protected to prevent them from being dangerous to life or property.
- 103 **Excess Excavated Material - Disposal**
Excess excavated material shall be classified according to NSW Environment Protection Authority's Waste Classification Guidelines - Part 1: Classifying Waste (2014) prior to being transported from the site and shall be disposed of only at a location that may lawfully receive that waste.

- 104 **Importation of soils to site**
Prior to importing any soils to site for the purpose of back-filling also requires validation testing following the EPA (1995) *Sampling Design Guidelines* to confirm suitability for the proposed land use.
- 105 **Façades Glazing for acoustic requirement**
All the residential units in the building LAeq levels are not to be exceeded:-
· in any bedroom in the building : 35dB(A) at any time 10pm–7am
· anywhere else in the building (other than a garage, kitchen, bathroom or hallway): 40dB(A) at any time.
- 106 **Mechanical Plants and Exhaust Ventilation system**
Mechanical Exhaust
Centralised mechanical exhaust ventilation must be provided to the building and all commercial kitchens such as cafes and restaurants cooking appliances installation as per AS4674-2004, AS1668.2-1991 and the grease filters to comply with AS1530.1.
Outdoor Air Conditioning or refrigeration units
The outdoor units for refrigeration system including air conditioners shall have suitable acoustic enclosure to comply with the noise guidelines.
Duct system
The ducting within the building must be mounted on vibration reducing pads to minimise vibration effect for residential and commercial spaces to comply with the vibration guidelines.
- 107 **Water Sensitive Urban Design**
Water sensitive urban design concept stated in WSUD Design plan by SPRKS +Partners must be implemented.
- 108 **Pipe Connections**
All pipe connections to existing pits within the road reserve shall be constructed flush with the pit wall in accordance with good engineering practice. The developer shall ensure that the condition of the pit is not compromised and that the service life of the pit is not reduced as a result of the connection.
- 109 **Flood Compatible Materials – Electrical**
All power service (metering) equipment, power outlets, switches, etc. shall be located above the adjacent 100 year ARI flood level plus 0.5 metres freeboard. All electrical wiring installed below this level should be suitable for continuous underwater immersion and should contain no fibrous components. Earth leakage circuit breakers shall also be installed. Any equipment installed below or partially below the adjacent 100 year ARI flood level plus 0.5 metres freeboard should be capable of disconnection by a single plug and socket assembly.
- 110 **Survey Report for Floor Levels**
A Survey Report must be submitted to the Principal Certifying Authority verifying that each floor level accords with the floor levels as per the approved plans under this consent. The survey shall be undertaken after the formwork has been completed and prior to the pouring of concrete for each respective level of the building (if the building involves more than one level). All levels shall relate to Australian Height Datum.
- 111 **Provision of Taps/Irrigation System to Landscaped Areas**
The provision of common taps and/or an irrigation system is required to guarantee that all landscape works are adequately watered. The location of common taps and/or irrigation system must be implemented in accordance with the approved Landscape Plan.
- 112 **Podium Planting**
All podium planting areas are to have a waterproofing membrane that can provide a minimum 10 year warranty on product. Protective boarding is to be installed to protect membrane from damage.
All podium planting areas to be provided with an adequate drainage system connected to the stormwater drainage system. The planter box is to be backfilled with free draining planter box soil mix.

If selected mulch is decorative pebbles/gravel, the maximum gravel pebble size is 10mm diameter.

113 BASIX

All the commitments listed in each relevant BASIX Certificate for the development must be fulfilled in accordance with Clause 97A(2) of the Environmental Planning & Assessment Regulation 2000.

A relevant BASIX Certificate means:

- A BASIX Certificate that was applicable to the development when this development consent was granted (or, if the development consent is modified under section 96 of the Environmental Planning & Assessment Act 1979, a BASIX Certificate that is applicable to the development when this development consent is modified); or
- if a replacement BASIX Certificate accompanies any subsequent application for a construction certificate, the replacement BASIX Certificate; and
- BASIX Certificate has the meaning given to that term in the Environmental Planning & Assessment Regulation 2000.”

Prior to the Issue of the Occupation Certificate

114 Redundant Crossings

Any existing vehicular crossings rendered unnecessary by this development must be removed and the footpath and normal kerbing and guttering must be restored. This work shall be carried out by a Council recognized concrete contractor at the developer's expense.

115 Retaining Wall Certification

The submission of a certificate from a suitably qualified and experienced structural engineer or civil engineer to the Principal Certifying Authority is required, prior to the issue of the Occupation Certificate or commencement of the use. This certification is required to verify the structural adequacy of the retaining walls and that the retaining walls have been constructed in accordance with plans approved by the Principal Certifying Authority.

116 Post Dilapidation Report

The developer shall provide Wollongong City Council with a post construction dilapidation report, identifying the condition of Council assets and all land in the vicinity of the proposed works at the completion of works.

117 Structural Soundness Certification

The submission of a report from a suitably qualified and experienced structural engineer to the Principal Certifying Authority is required, prior to the issue of the final Occupation Certificate and commencement of use. This report is required to verify that the building can withstand the forces of floodwater, debris and buoyancy up to and including the Probable Maximum Flood (PMF) plus freeboard being a level of RL 13.35 metres AHD at the western edge of the building.

118 Drainage

The developer must obtain a certificate of Hydraulic Compliance (using Council's M19 form) from a suitably qualified civil engineer, to confirm that all stormwater drainage and on-site detention works have been constructed in accordance with the approved plans. In addition, full works-as-executed plans, prepared and signed by a Registered Surveyor must be submitted. These plans and certification must satisfy all the stormwater requirements stated in Chapter E14 of the Wollongong DCP2009. This information must be submitted to the Principal Certifying Authority prior to the issue of the final Occupation Certificate.

119 Restriction on use – On-site Detention System

The applicant must create a restriction on use under the Conveyancing Act 1919 over the on-site detention system. The following terms must be included in an appropriate instrument created under the Conveyancing Act 1919 for approval of Council:

“The registered proprietor of the lot burdened must not make or permit or suffer the making of any alterations to any on-site stormwater detention system on the lot(s) burdened without the prior consent in writing of the authority benefited. The expression ‘on-site stormwater detention system’ shall include all ancillary gutters, pipes, drains, walls, kerbs, pits, grates,

tanks, chambers, basins and surfaces designed to temporarily detain stormwater as well as all surfaces graded to direct stormwater to those structures.

Name of the authority having the power to release, vary or modify the restriction referred to is Wollongong City Council.”

The instrument, showing the restriction, must be submitted to the Principal Certifying Authority for endorsement prior to the issue of the final Occupation Certificate and the use of the development.

120 **Positive Covenant – On-Site Detention Maintenance Schedule**

A positive covenant shall be created under the Conveyancing Act 1919, requiring the property owner(s) to undertake maintenance in accordance with the Construction Certificate approved On-Site Stormwater Detention System and Maintenance Schedule (application number to be referenced).

The instrument, showing the positive covenant must be submitted to the Principal Certifying Authority for endorsement prior to the issue of the final Occupation Certificate and the use of the development.

121 **On-Site Detention – Structural Certification**

The submission of a certificate from a suitably qualified practising civil and/or structural engineer to the Principal Certifying Authority is required prior to the issue of the final Occupation Certificate. This certification is required to verify the structural adequacy of the on-site detention facility and that the facility has been constructed in accordance with the approved Construction Certificate plans.

122 **Acoustic Compliance Report**

The developer shall submit a noise compliance report prepared by an acoustic consultant who is a member of the Australian Acoustic Society (AAS) or the Association of Australian Acoustic Consultants (AAAC) in relation to the noise attenuation requirements stated in Conditions 105 and 106. If it is found that the attenuation measures are not performing in the manner anticipated, the acoustic engineer's recommendations for achieving compliance shall be implemented and validated prior to the release of an Occupation Certificate. A copy of the acoustic compliance report must be submitted to the PCA and a copy forwarded to Council prior to the release of an Occupation Certificate.

123 **Completion of Landscape Works**

The completion of the landscaping works as per the final approved Landscape Plan is required prior to the issue of Occupation Certificate.

124 **BASIX**

A final occupation certificate must not be issued unless accompanied by the BASIX Certificate applicable to the development. The Principal Certifying Authority must not issue the final occupation certificate unless satisfied that selected commitments have been complied with as specified in the relevant BASIX Certificate. NOTE: Clause 154B of the Environmental Planning and Assessment Regulation 2000 provides for independent verification of compliance in relation to certain BASIX commitments.

125 **Mailboxes & Street Numbering**

The developer must install mailboxes in accordance with Australia Post Guidelines and Clause 4.5.2 of Chapter D13 of Wollongong Development Control Plan 2009. The mailboxes must be provided in one accessible location adjacent to the main entrance to the development, integrated into a wall if possible and constructed of materials consistent with the appearance of the building. Letterboxes shall be secure and large enough to accommodate articles such as newspapers, parcels and the like. Prominent house numbers are to be displayed, with a minimum number size of 150 mm in height for each number and letter in the alphabet.

Prominent house numbers are to be displayed, with a minimum number size of 150 mm in height for each number and letter in the alphabet. The developer must install minimum two (2 No.) reflective paint house number on face of kerb along street frontage of the property to assist emergency services/deliveries/visitors.

126 **Site Contamination Validation Report**

A Site Contamination Validation Report must be submitted to the Principal Certifying Authority and Council (in the event Council is not the Principal Certifying Authority for its records), prior to the issue of an Occupation Certificate. The Validation Report shall verify that:

- a) All site contamination remediation works have been satisfactorily completed;
- b) The site is not affected by any soil strata and/or groundwater table contamination above NSW Environment Protection Authority threshold limit criteria; and
- c) The site no longer poses any environmental or health risk and is therefore rendered suitable for the proposed development.

The Site Contamination Validation Report must be prepared by a suitably qualified and experienced consultant who is certified under one of the following schemes:

- a) the Site Contamination Practitioners Australia (SCPA) scheme;
- b) the Environment Institute of Australia and New Zealand's (EIANZ) Contaminated Land Assessment Specialist Certified Environmental Practitioner (CLA Specialist CEnvP) scheme; or
- c) the Soil Science Australia (SSA) Certified Professional Soil Scientist Contaminated Site Assessment and Management (CPSS CSAM) certification.

A Site Audit Statement from an independent NSW Environment Protection Authority accredited site auditor pursuant to the provisions of Part 4 of the *Contaminated Land Management Act 1997* confirming the site has been satisfactorily remediated and is suitable for the proposed development shall also be submitted to the Principal Certifying Authority and Council (in the event Council is not the Principal Certifying Authority for its records), prior to the issue of an Occupation Certificate.

Operational Phases of the Development/Use of the Site

127 **External Storage of Materials/Equipment**

Any external storage of materials/equipment including waste bins etc, which are likely to cause pollution or be potentially hazardous during a flood event, shall be adequately secured or located above the 1 in 100 year flood level plus 0.5 metres freeboard.

128 **Waste Collection**

All waste collection is to be undertaken from within the site. On-street collection of waste is not permitted at any time.

129 **Storage of Waste Bins and Waste**

All waste and bins associated with the development shall be stored within the waste storage rooms at all times. No waste shall be allowed to accumulate or shall be stored on or adjacent to the street frontage of the site at any time.

130 **Loading/Unloading Operations/Activities and Maintenance Vehicles**

Vehicles associated with deliveries to the building and any maintenance shall park within the site where possible.

131 **Graffiti Removal**

Any graffiti shall be removed immediately from the exterior of the building or any associated structures including any fences, site services and retaining/ planter bed walls.

132 **Strata Plan Requirements**

Should a Strata Plan be prepared for this development in the future, the following matters must be addressed:

- 132.1 Garbage and recycling rooms must be contained within the common area;
- 132.2 Provision shall be made for the regular and ongoing inspection and maintenance of the flood storage void;
- 132.3 Motorbike and bicycle storage areas and visitor car parking must be contained within the common area; and
- 132.4 Appropriate allocation of carparking and storage areas to the dwellings.

133 **Clothes Drying on Balconies/Terrace Areas Prohibited**

The use of the balconies/terrace areas for the external drying of clothes is strictly prohibited.

134 **Platform Lifts**

The platform lifts shall be maintained in good operational order at all times

135 **Residential Storage**

Each residential unit shall be allocated storage within the residential storage area provided within the building. The residential storage area shall be appropriately secured and fitted with CCTV surveillance. This requirement shall be reflected on the Construction Certificate plans.