

## DRAFT CONDITIONS OF CONSENT – DA-2023/785

**Proposal** Demolition of existing buildings and construction of group home (10 units)

**Location** Lot 1 DP 1005758

1-3 Kemblawarra Road WARRAWONG NSW 2502

### 1. Approved Plans and Supporting Documentation

Development must be carried out in accordance with the following approved plans and supporting documentation (stamped by Council), except where the conditions of this consent expressly require otherwise.

Plan No	Rev. No.	Plan Title	Drawn By	Dated
0150	B	Demolition Plan	Baumgart Clark Architects	17/07/23
0201	F	Proposed Site Plan	Baumgart Clark Architects	17/07/23
0202	J	Ground Level Floor Plan	Baumgart Clark Architects	17/07/23
0203	I	Level 1 Floor Plan	Baumgart Clark Architects	17/07/23
0400	G	Proposed Site Elevations	Baumgart Clark Architects	17/07/23
0401	C	Proposed Site Elevations	Baumgart Clark Architects	17/07/23
0450	G	Proposed Building Elevations	Baumgart Clark Architects	17/07/23
F551_LP_01	A	Landscape Concept Plan – Ground Floor	Creative Planning Solutions	18/07/23
F551_LP_02	A	Landscape Concept Plan – First Floor	Creative Planning Solutions	18/07/23
F551_LP_04	A	Schedule, Notes, Specifications and Details	Creative Planning Solutions	18/07/23

Document Title	Version No	Prepared By	Dated
Carinya Emergency Management Plan		The Salvation Army	

In the event of any inconsistency between the approved plans and the supporting documentation, the approved plans prevail. In the event of any inconsistency between the approved plans and a condition of this consent, the condition prevails.

**Note:** An inconsistency occurs between an approved plan and supporting documentation or between an approved plan and a condition when it is not possible to comply with both at the relevant time.

**Reason:**

To ensure all parties are aware of the approved plans and supporting documentation.

## **General Conditions**

### **2. Emergency Management Plan / Plan of Management**

The Emergency Management Plan applicable to the existing group home and which forms part of the stamped documents under this consent shall be updated so that it meets the specific needs of the approved facility. The final version of the Plan shall be provided to the Certifier prior to issue of the Occupation Certificate. A copy of the Plan shall be kept on the premises at all times and all staff shall be appropriately trained to ensure implementation of the Plan.

Reason:

To ensure the safety and security of all residents of the approved facility.

### **3. Restricted Vegetation Removal**

This consent permits the removal of trees and other vegetation from the site within three (3) metres of the approved buildings. This consent also permits the pruning of trees within three (3) metres of approved buildings in accordance with AS 4373:2007 Pruning of Amenity Trees. No other trees or vegetation shall be removed or pruned, without the prior written approval of Council.

Reason:

To protect the amenity of the environment and the neighbourhood.

### **4. Construction Certificate**

A Construction Certificate must be obtained from Council or a Registered Certifier prior to work commencing.

A Construction Certificate certifies that the provisions of Part 3 of the Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021 have been satisfied, including compliance with all relevant conditions of Development Consent and the Building Code of Australia.

**Note:** The Certifier must cause notice of its determination to be given to the consent authority, and to the Council, by forwarding to it, within two (2) days after the date of the determination, the plans and documentation referred to in Section 13 of the Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021.

Reason:

To satisfy the requirements of the legislation.

### **5. 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 AS 1428.1:2009: 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.

Reason:

To satisfy the requirements of the legislation.

### **6. Mailboxes**

The developer must install mailboxes along street frontage of the property boundary in accordance with Australia Post Guidelines. Prominent house numbers are to be displayed, with a minimum number size of 150mm in height for each number and letter in the alphabet.

Reason:

To identify the property.

### **7. 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 Certifier indicating agreement by the affected property owners.

Reason:

To ensure that access is maintained.

**8. Occupation Certificate**

An Occupation Certificate must be issued by the Principal Certifier prior to occupation or use of the development. In issuing an Occupation Certificate, the Principal Certifier must be satisfied that the requirements of Section 6.9 of the Environmental Planning and Assessment Act 1979, have been complied with as well as all of the conditions of the Development Consent.

Reason:

To satisfy the requirements of the legislation.

**9. Payment of Building and Construction Industry Long Service Levy**

Before the issue of a construction certificate, the applicant is to ensure that the person liable pays the long service levy to the Long Service Corporation or Council under Section 34 of the Building and Construction Industry Long Service Payments Act 1986 and provides proof of this payment to the certifier.

Reason:

To ensure the long service levy is paid.

**Before the Issue of a Construction Certificate**

**10. Fencing**

The development is to be provided with fencing and screen walls at full cost to the applicant/developer as follows:

- a. The fencing which faces the Kemblawarra Road shall be constructed of the materials and colours which match the approved colour scheme of the building; and
- a. rear and side property boundaries (behind the building line) and private rear courtyards are to be provided with minimum 1.8 metre high fencing comprised of brick, lapped and capped timber or colorbond.

This requirement is to be reflected on the Construction Certificate plans.

Reason:

To comply with Council's Development Control Plan.

**11. Landscaping**

The submission of a final Landscape Plan will be required in accordance with the requirements of Wollongong City Council DCP 2009 Chapter E6 and the approved Landscape Plan (ie as part of this consent) for the approval by the Principal Certifier, prior to the issue of the Construction Certificate.

Reason:

To comply with Council's Development Control Plan.

**12. Final Landscape Plan Requirements**

The submission of a final Landscape Plan to the Principal Certifier is required, prior to the issue of the Construction Certificate. The final Landscape Plan shall address the following requirements:

- a. planting of indigenous plant species native to the Illawarra Region such as: *Syzygium smithii* (syn *Acmena smithii*) Lilly pilly, *Archontophoenix cunninghamiana* Bangalow palm, *Backhousia myrtifolia* Grey myrtle, *Elaeocarpus reticulatus* Blueberry ash, *Glochidion ferdinandii* Cheese tree, *Livistona australis* Cabbage palm tree, *Syzygium paniculatum* Brush cherry. A further list of suitable suggested species may be found in Wollongong Development Control Plan 2009 – Chapter E6: Landscaping;
- b. a schedule of proposed planting, including botanic name, common name, expected mature height and staking requirements as well as number of plants and pot sizes;

- c. the location of all proposed and existing overhead and underground service lines. The location of such service lines shall be clear of the dripline of existing and proposed trees; and
- d. The completion of the landscaping works as per the final approved Landscape Plan is required, prior to the issue of an Occupation Certificate.

Reason:

To comply with Council's Development Control Plan.

**13. Certification for Landscape and Drainage**

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

Reason:

To ensure development does not impact services.

**14. Landscape Maintenance Plan**

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 Certifier prior to issue of the Construction Certificate..

Reason:

To comply with Council's Development Control Plan.

**15. Street Trees**

The developer must address the street frontage by installing street tree planting. The number and species for this development is/are four Glochidion ferdinandi 200 litre container size, in accordance with AS 2303:2018: Tree stock for landscape use. Street trees are to be installed in accordance with Wollongong Development Control Plan 2009 – Chapter E6: Landscaping. 'Before You Dig Australia' must be consulted prior to any excavation on site. Pot holing must be carried out to determine service location. Tree pits must be adequately mulched, plants installed and staking installed to the satisfaction of Wollongong City Council. Staking is to consist of minimum 3 x 2400 x 50 x 50mm hardwood stakes driven minimum 600mm into firm ground. Hessian webbing is to be utilised to secure plant stock to industry standard.

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

Reason:

To comply with Council's Development Control Plan.

**16. Redundant Crossings**

All redundant vehicular crossings and laybacks rendered unnecessary by this development must be reconstructed to normal kerb and gutter or existing edge of carriageway treatment to match the existing. The verge from the back of kerb to the boundary must be restored and the area appropriately graded, topsoiled and turfed in a manner that conforms with adjoining road reserve. The area forward of the front boundary must be kept smooth, even and free from any trip hazards. All alterations of public infrastructure where necessary are at the developer's expense.

All new driveway laybacks and driveway crossings must be designed in accordance with Wollongong City Council Standards. Any redundant linemarking such as 'marked parking bays' are adjusted/removed at the developer's expense by a Council recognised contractor with the relevant insurances. Details and locations are to be shown on the Construction Certificate Plans.

Reason:

To comply with Council's Development Control Plan.

#### **17. Construction Site Management Plan**

Before the issue of a Construction Certificate, the applicant must ensure a construction site management plan is prepared before it is provided to and approved by the certifier. The plan must include the following matters:

- location and materials for protective fencing and hoardings to the perimeter of the site
- provisions for public safety
- pedestrian and vehicular site access points and construction activity zones
- details of construction traffic management, including proposed truck movements to and from the site and estimated frequency of those movements, and measures to preserve pedestrian safety in the vicinity of the site
- protective measures for on-site tree preservation (including in accordance with AS 4970-2009 Protection of trees on development sites and Council's DCP, if applicable) and trees in adjoining public domain (if applicable)
- details of any bulk earthworks to be carried out
- location of site storage areas and sheds
- equipment used to carry out all works
- a garbage container with a tight-fitting lid
- dust, noise and vibration control measures
- location of temporary toilets.

The applicant must ensure a copy of the approved construction site management plan is kept on-site at all times during construction.

Reason:

To require details of measures that will protect the public, and the surrounding environment, during site works and construction.

#### **18. Erosion and Sediment Control Plan**

Before the issue of a Construction Certificate, the applicant is to ensure that an erosion and sediment control plan is prepared in accordance with the following documents before it is provided to and approved by the certifier:

- Council's development control plan,
- the guidelines set out in the NSW Department of Housing manual 'Managing Urban Stormwater: Soils and Construction' (the Blue Book), and
- the 'Do it Right On-Site, Soil and Water Management for the Construction Industry' (Southern Sydney Regional Organisation of Councils and the Natural Heritage Trust).

The applicant must ensure the erosion and sediment control plan is kept on-site at all times during site works and construction.

Reason:

To ensure sediment laden runoff and site debris do not impact local stormwater systems and waterways.

#### **19. Waste Management Plan**

Before the issue of a Construction Certificate, the applicant is to ensure that a waste management plan is prepared in accordance with the EPA's Waste Classification Guidelines and Council's Waste Management Development Control Plan before it is provided to the principal certifier.

The applicant must ensure the waste management plan is referred to in the construction site management plan and is kept on-site at all times during construction.

Reason:

To ensure resource recovery is promoted and local amenity is protected during works.

**20. Car Parking and Access**

The development shall make provision for a total of 7 car parking spaces (including 1 accessible car parking space) and 3 bicycle spaces. This requirement shall be reflected on the Construction Certificate plans. Any change in above parking numbers shown on the approved DA plans shall be dealt with via a section 4.55 modification to the development. The approved car parking spaces shall be maintained to the satisfaction of Council, at all times.

Reason:

To comply with Council's Development Control Plan.

**21. Parking Dimensions**

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 AS 2890.1, except where amended by other conditions of this consent. Details of such compliance are to be reflected on the Construction Certificate plans.

Reason:

To ensure compliance with Australian Standards.

**22. Bicycle Parking Facilities**

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. This requirement shall be reflected on the Construction Certificate plans.

Reason:

To satisfy the requirements of Australian Standards.

**23. Disabled Person Parking Space Dimensions**

The disabled person's parking space must be provided generally in accordance with the current relevant Australian Standard AS2890.6 – Off-street parking for people with disabilities. Specifically, in this case the bollard in the shared area is to be removed to allow vehicles to use the shared area for turning. The shared area needs to be hatched appropriately and signposted as 'No Parking, Turning Only'. This requirement shall be reflected on the Construction Certificate plans.

Reason:

To ensure compliance with Australian Standards.

**24. Fire Safety Schedule**

When issuing a Construction Certificate, a Principal Certifier must attach a Fire Safety Schedule specifying all of the fire safety measures required for the building to ensure the safety of persons in the building in the event of fire.

Reason:

To satisfy the requirements of the legislation.

**25. Present Plans to Sydney Water**

Approved plans must be submitted online using Sydney Water Tap In, available through [www.sydneywater.com.au](http://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 Principal Certifier must ensure that Sydney Water has issued an approval receipt prior to the issue of a Construction Certificate.

Visit [www.sydneywater.com.au](http://www.sydneywater.com.au) or telephone 13 20 92 for further information.

Reason:

To satisfy the requirements of the legislation.

**26. Sydney Water 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](http://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 Certifier prior to issue of the Construction Certificate.

Reason:

To satisfy the requirements of the legislation.

**27. Utilities and Services**

Before the issue of the relevant construction certificate, the applicant must submit the following written evidence of service provider requirements to the certifier:

- a. a letter of consent from Endeavour Energy demonstrating that satisfactory arrangements can be made for the installation and supply of electricity
- b. a response from Sydney Water as to whether the plans proposed to accompany the application for a construction certificate would affect any Sydney Water infrastructure, and whether further requirements need to be met.
- c. other relevant utilities or services - that the development as proposed to be carried out is satisfactory to those other service providers, or if it is not, what changes are required to make the development satisfactory to them.

Reason:

To ensure relevant utility and service providers' requirements are provided to the certifier.

**28. Obscure Glazing for all Bathroom and WC Windows**

The bathroom and WC windows for each dwelling in the development shall be frosted or opaque glass. This requirement shall be reflected on the Construction Certificate plans.

Reason:

To protect neighbourhood amenity.

**29. External Clothes Drying Facilities**

In the event that external clothes drying facilities are proposed, full details of the screening and the location of these facilities shall be reflected on the Construction Certificate plans and the final landscape plan.

Reason:

To comply with Council's Development Control Plan.

**30. Disabled Access and Facilities**

The provision of disabled access throughout the development is required and shall be in compliance with the Building Code of Australia Part D3 "Access for People with Disabilities" and Australian Standard AS 1428.1:2009: Design for Access and Mobility – Part 1 General Requirements for Access – Buildings. This requirement shall be reflected on the Construction Certificate plans.

Reason:

To satisfy the requirements of the legislation.

**31. 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 Certifier and Council (in the event that Council is not the Principal Certifier) for approval of both the Principal Certifier 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 AS 1742: Traffic Control Devices for Works on Roads and the TfNSW 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 TfNSW Specification - "Traffic Control at Work Sites Manual" and the Australian Standard AS 1742: "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 a Registered 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 traffic control plan endorsed by Council 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.

Reason:

To ensure compliance with Australian Standards.

**32. Structures Adjacent to Driveway**

Any proposed structures adjacent to the driveway shall comply with the requirements of the current relevant Australian Standard AS 2890.1 (figure 3.2 and 3.3) to provide for adequate pedestrian and vehicle 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.

Reason:

To ensure compliance with Australian Standards.



**33. Depth and Location of Services**

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.

Reason:

To ensure development does not impact services.

**34. Dust Suppression Measures**

The submission of details of the proposed dust suppression measures for the demolition, excavation and construction phases of the development to the Principal Certifier prior to issue of the Construction Certificate.

Reason:

To comply with Council's Development Control Plan.

**35. Asbestos Management Report**

A report prepared by a licensed asbestos assessor that indicates the exact nature and extent of asbestos material contained within the site and the proposed remediation measures to be adopted for the removal of the asbestos material from the site to a NSW Environment Protection Authority licensed waste disposal facility shall be submitted to the Principal Certifier for its separate approval prior to the issue of the Construction Certificate.

Reason:

To satisfy the requirements of the legislation.

**36. Smoke Alarms**

Smoke alarms designed to ensure the occupants are given adequate warning so they can evacuate the building in an emergency shall be installed in the building in accordance with the National Construction Code - Building Code of Australia. The location of smoke alarms shall be shown on plan prior to the issue of the Construction Certificate.

Reason:

To satisfy the requirements of the legislation and Australian Standard.

**37. Water/Wastewater Entering Road Reserve**

Provision shall be made for a minimum 200mm wide grated box drain along the boundary of the property at the vehicular crossing/s to prevent surface water entering the road reserve. This requirement shall be reflected on the Construction Certificate plans.

Reason:

To ensure compliance with Council Technical Specifications.

**38. Details of Proposed Pit and Pipeline**

Details of the proposed connecting pit to the existing drainage system shall be provided in conjunction with the detailed drainage design for the site. Connection is to be made in accordance with Wollongong City Council Standard Drawings. This requirement shall be reflected on the Construction Certificate plans and supporting documentation.

Reason:

To ensure development does not impact services.

**39. Stormwater Connection to Kerb**

Connection across footways shall be by means of one or two (maximum), sewer grade UPVC pipe(s), 100mm diameter pipes with a continuous downslope gradient to the kerb. Connection to the kerb shall be made with a rectangular, hot dipped galvanised mild steel weephole(s) shaped to suit the kerb profile, with each weephole having the capacity equal to a 100mm diameter pipe. Alternatively, a maximum of two 150mm x 100mm hot dipped galvanised steel pipes may be used across footways, with the 150mm dimension being parallel to the road surface to suit the kerb profile.

Reason:

To comply with Council's Development Control Plan.

#### **40. Flood Level Requirements**

The following requirements shall be reflected on the Construction Certificate plans, prior to the release of the Construction Certificate:

The following requirements shall be reflected on the Construction Certificate plans, prior to the release of the Construction Certificate:

- a. Habitable floor levels must be constructed at no lower than as shown on the approved architectural plans.
- b. Garage floor levels and carpark spaces must be constructed at no lower than as shown on the approved architectural plans.
- c. Any portion of the building or structure below the finished floor level 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.
- d. The proposed dwelling shall be designed to withstand the forces of floodwater, debris and buoyancy up to and including the finished floor level.

Reason:

To comply with Council's Development Control Plan.

#### **41. Sizing of Drainage**

All roof gutters, downpipes, pits, and pipelines draining roof areas and other impervious surfaces shall be designed to cater for a 1% AEP storm event in accordance with AS 3500.3: Plumbing and Drainage (Stormwater Drainage). Details of gutter/downpipe/pipeline sizes and locations shall be reflected on the Construction Certificate plans.

Reason:

To comply with Council's Development Control Plan.

#### **42. Stormwater Drainage Design**

A detailed drainage design for the development must be submitted to and approved by the Principal Certifier prior to the release of the Construction Certificate. The detailed drainage design must satisfy the following requirements:

- a. Be prepared by a suitably qualified Civil Engineer in accordance with Chapter E14 of Wollongong City Council's Development Control Plan 2009, Subdivision Policy, conditions listed under this consent, and generally in accordance with the concept plan/s lodged for development approval, prepared by Davron Engineering, Reference No. 2305-4040, revision A, dated 7-2023.
- b. Include details of the method of stormwater disposal. Stormwater from the development must be piped to Council's existing stormwater drainage system.
- c. Engineering plans and supporting calculations for the stormwater drainage system are to be prepared by a suitably qualified engineer and be designed to ensure that stormwater runoff from upstream properties is conveyed through the site without adverse impact on the development or adjoining properties. The plan must indicate the method of disposal of all stormwater and must include rainwater tanks, existing ground levels, finished surface levels on all paved areas, estimated flow rates, invert levels and sizes of all pipelines.
- d. Overflow paths shall 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% AEP events shall be incorporated in the design. Overflow paths shall also be provided in low points and depressions. Each overflow path shall be designed to ensure no entry of surface water flows into any building and no concentration of surface water flows onto any adjoining property. Details of each overflow path shall be shown on the detailed drainage design.

Reason:

To comply with Council's Development Control Plan.

**43. No Adverse Runoff 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 runoff.

Reason:

To protect neighbourhood amenity.

**44. Flows from Adjoining Properties**

Flows from adjoining properties shall be accepted and catered for within the site. Finished ground and top of retaining wall levels on the boundary shall be no higher than the existing upslope adjacent ground levels. The above requirements must be clearly shown on construction certificate plans prior to the release of the construction certificate.

**45. Schedule of External Building Materials/Finishes**

The final details of the proposed external treatment/appearance of the development, including a schedule of building materials and external finishes (including the type and colour of the finishes) shall be submitted for the separate approval of Wollongong City Council Heritage Officers, prior to the release of the Construction Certificate.

Reason:

To ensure the development is compatible with the surrounding environment.

**46. Crime Prevention Through Environmental Design (CPTED) - Design Details of Security System**

The submission of final design details of proposed security systems to be installed within the development to the Principal Certifier, in order to minimise crime and vandalism related matters is required, prior to the release of the Construction Certificate.

Reason:

To comply with Council's Development Control Plan.

**47. Provision of a Fire Hydrant**

The provision of a fire hydrant in accordance with AS 2419.1:2005: Fire Hydrant Installations and any requirements of the NSW Rural Fire Service and/or NSW Fire Brigades. The final details of the location of the fire hydrant shall be reflected on the Construction Certificate plans prior to the issue of the Construction Certificate.

Reason:

To satisfy the requirements of the legislation and Australian Standards.

**Before the Commencement of Building Work**

**48. Erosion and sediment controls in place**

Before the commencement of any site or building work, the Principal Certifier must be satisfied the erosion and sediment controls in the erosion and sediment control plan are in place. These controls must remain in place until any bare earth has been restabilised in accordance with the NSW Department of Housing manual 'Managing Urban Stormwater: Soils and Construction Certificate' (the Blue Book) (as amended from time to time).

Reason:

To ensure sediment laden runoff and site debris do not impact local stormwater systems and waterways.

**49. Demolition Management Plan**

Before demolition work commences, a demolition management plan must be prepared by a suitably qualified person and provided to the principal certifier.

The demolition management plan must be prepared in accordance with Australian Standard 2601 – The Demolition of Structures, the Code of Practice – Demolition Work and Chapter E21:

Demolition and Hazardous Building Materials Management of Wollongong Development Control Plan 2009 and must include the following matters:

- The proposed demolition methods
- The materials for and location of protective fencing and any hoardings to the perimeter of the site
- Details on the provision of safe access to and from the site during demolition work, including pedestrian and vehicular site access points and construction activity zones
- Details of construction traffic management, including proposed truck movements to and from the site, estimated frequency of those movements, and compliance with AS 1742.3 Traffic Control for Works on Roads and parking for vehicles
- Erosion and sediment control measures which are to be implemented during demolition and methods to prevent material being tracked off the site onto surrounding roadways
- Dust, noise and vibration control measures
- Details of the equipment that is to be used to carry out demolition work and the method of loading and unloading excavation and other machines
- Details of any bulk earthworks to be carried out
- Details of re-use and disposal of demolition waste material
- Location of any reusable demolition waste materials to be stored on-site (pending future use)
- Location and type of temporary toilets onsite
- A garbage container with a tight-fitting lid.

Reason:

To provide details of measures for the safe and appropriate disposal of demolition waste and the protection of the public and surrounding environment during the carrying out of demolition works on the site.

**50. Contaminated Roof Dust**

Any existing accumulations of dust in ceiling voids and wall cavities must be removed prior to any demolition work commencing. Removal must take place by the use of an industrial vacuum fitted with a high efficiency particulate air (HEPA) filter.

Reason:

To ensure safety.

**51. Works in Road Reserve - Minor Works**

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.

The application form for Works within the Road Reserve – Section 138 Roads Act can be found on Council's website. The form outlines the requirements to be submitted with the application, to give approval to commence works under the Roads Act. It is advised that all applications are submitted and fees paid, five (5) days prior to the works within the road reserve are intended to commence. The Applicant is responsible for the restoration of all Council assets within the road reserve which are impacted by the works/occupation. Restoration must be in accordance with the following requirements:

- a. All restorations are at the cost of the Applicant and must be undertaken in accordance with Council's standard document, "Specification for work within Council's road reserve".
- b. Any existing damage within the immediate work area or caused as a result of the work/occupation, must also be restored with the final works.

Reason:

To satisfy the requirements of the legislation.

**52. Appointment of Principal Certifier**

Prior to commencement of work, the person having the benefit of the Development Consent and a Construction Certificate must:

- a. appoint a Principal Certifier and notify Council in writing of the appointment irrespective of whether Council or a Registered Certifier is appointed; and
- b. notify Council in writing of their intention to commence work (at least two [2] days' notice is required).

The Principal Certifier must determine when inspections and compliance certificates are required.

Reason:

To satisfy the requirements of the legislation.

**53. Home Building Act Requirements**

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:

- a. In the case of work for which a principal contractor is required to be appointed:
  - i. the name and licence number of the principal contractor; and
  - ii. the name of the insurer by which the work is insured under Part 6 of that Act.
- b. In the case of work to be done by an owner-builder:
  - i. the name of the owner-builder; and
  - ii. if the owner-builder is required to hold an owner-builder permit under that Act, the number of the owner-builder permit.

If arrangements for doing the residential building work are changed while the work is in progress so that the information notified 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.

Reason:

To satisfy the requirements of the legislation.

**54. Signs On Site**

A sign must be erected in a prominent position on any site on which building work or demolition work is being carried out:

- a. showing the name, address and telephone number of the Principal Certifier 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 worksite is prohibited.

Any such sign is to be maintained while the building work or demolition work is being carried out but must be removed when the work has been completed.

**Note:** This does not apply in relation to building work or demolition work that is carried out inside an existing building that does not affect the external walls of the building.

Reason:

To satisfy the requirements of the legislation.

**55. 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.

Reason:

To satisfy the requirements of the legislation.

**56. 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 Certifier, prior to the commencement of any works on the site.

Reason:

To ensure structural integrity.

**57. Enclosure of the Site**

The site must be enclosed with a suitable security fence to prohibit unauthorised access, to be approved by the Principal Certifier. No building work is to commence until the fence is erected.

Reason:

To ensure safety.

**58. Demolition Works**

The demolition of the existing structures shall be carried out in accordance with Australian Standard AS 2601:2001: The Demolition of Structures or any other subsequent relevant Australian Standard and the requirements of SafeWork NSW.

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 Certifier. 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.

Reason:

To satisfy the requirements of the legislation and Australian Standards.

**59. Demolition Notification to Surrounding Residents**

Demolition must not commence unless at least two (2) days written notice has been given to adjoining residents of the date on which demolition works will commence.

Reason:

To advise neighbourhood.

**60. Hazardous Material Survey**

At least one (1) week prior to demolition, the applicant must prepare a hazardous materials survey of the site and submit to Council a report of the results of the survey. Hazardous materials include, but are not limited to, asbestos materials, synthetic mineral fibre, roof dust, PCB materials and lead based paint. The report must include at least the following information:

- a. the location of hazardous materials throughout the site;
- b. a description of the hazardous material;
- c. the form in which the hazardous material is found, eg AC sheeting, transformers, contaminated soil, roof dust;
- d. an estimation (where possible) of the quantity of each particular hazardous material by volume, number, surface area or weight;
- e. a brief description of the method for removal, handling, on-site storage and transportation of the hazardous materials, and where appropriate, reference to relevant legislation, standards and guidelines;
- f. identification of the disposal sites to which the hazardous materials will be taken.

Reason:

To identify hazardous materials and ensure safe disposal.

**61. Consultation with SafeWork NSW - Prior to Asbestos Removal**

A licensed asbestos removalist must give written notice to SafeWork NSW at least five (5) days before licensed asbestos removal work is commenced.

Reason:

To satisfy the requirements of the legislation.

**62. Survey Report - Siting of Development within Property Boundaries**

A survey report prepared by a registered surveyor is required to be submitted to the Principal Certifier to ensure that the proposed development is located on the correct allotment and at the approved distances from the boundary. This must be verified by pegging the site prior to commencement of works.

Reason:

To ensure correct development location.

**63. Public Liability Insurance**

All contractors working in Council's road reserve and/or public reserve areas shall take out public liability insurance for a minimum amount of \$20 Million. The policy shall specifically indemnify Council from all claims arising from the execution of the works. Written evidence of this insurance shall be supplied to the Principal Certifier and Council (in the event that Council is not the Principal Certifier) prior to the commencement of any such works in any road reserve or public reserve area.

Reason:

To satisfy Council's Policy.

**64. 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.

Reason:

To protect neighbourhood amenity.

**65. Temporary Sediment Fences**

Temporary sediment fences (eg haybales or geotextile fabric) must be installed on the site, prior to the commencement of any excavation, demolition or construction works in accordance with Council's guidelines. Upon completion of the development, sediment fencing is to remain until the site is grassed or alternatively, a two (2) metre strip of turf is provided along the perimeter of the site, particularly lower boundary areas.

Reason:

To protect neighbourhood amenity.

**66. All-weather Access**

An all-weather stabilised access point must be provided to the site to prevent sediment leaving the site as a result of vehicular movement. Vehicular movement should be limited to this single accessway.

Reason:

To protect neighbourhood amenity.

**67. Depth/Location of Services**

The depth and location of all services (ie stormwater, gas, water, sewer, electricity, telephone, etc) must be ascertained and reflected on the plans and supporting documentation issued for construction.

Reason:

To ensure services are not impacted.

**68. Notification to Council of any Damage to Council's Infrastructure**

Council must be notified in the event of any existing damage to any of Council's infrastructure including, but not limited to the road, kerb and gutter, road shoulder, footpath, drainage structures and street trees fronting the development prior to the commencement of work. Adequate protection must be provided to Council infrastructure prior to work commencing and during the construction period. Any damage to Council's assets shall be restored in a satisfactory manner prior to the issue of the Occupation Certificate.

Reason:

To ensure services are not impacted.

**69. Adjustment to Public Utility Service**

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 Certifier which confirms that satisfactory arrangements have been put in place regarding any adjustment to such services is required prior to any works commencing on site.

Reason:

To ensure services are not impacted.

**While Building Work is Being Carried Out**

**70. Copy of Consent in the Possession of Person carrying out Tree Removal**

The Developer/Applicant must ensure that any person carrying out tree removal is in possession of this development consent and/or the approved landscape plan, in respect to the tree(s) which has/have been given approval to be removed in accordance with this consent.

Reason:

To ensure all parties are aware of the approved plans and supporting documentation.

**71. Provision of Taps/Irrigation System**

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.

Reason:

To comply with Council's Development Control Plan.

**72. Responsibility for changes to public infrastructure**

While building work is being carried out, the applicant must pay any costs incurred as a result of the approved removal, relocation or reconstruction of infrastructure (including ramps, footpaths, kerbs and gutter, light poles, kerb inlet pits, service provider pits, street trees or any other infrastructure in the street footpath area).



Reason:

To ensure payment of approved changes to public infrastructure.

**73. 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.

Reason:

To comply with Council's Development Control Plan.

**74. Implementation of the site management plans**

While vegetation removal, demolition and/or building work is being carried out, the applicant must ensure the measures required by the approved construction site management plan and the erosion and sediment control plan are implemented at all times.

The applicant must ensure a copy of these approved plans is kept on site at all times and made available to Council officers upon request.

Reason:

To ensure site management measures are implemented during the carrying out of site work.

**75. Cut and Fill**

While building work is being carried out, the principal certifier must be satisfied all soil removed from or imported to the site is managed in accordance with the following requirements:

- a. All excavated material removed from the site must be classified in accordance with the EPA's Waste Classification Guidelines before it is disposed of at an approved waste management facility and the classification and the volume of material removed must be reported to the principal certifier.
- b. All fill material imported to the site must be Virgin Excavated Natural Material as defined in Schedule 1 of the *Protection of the Environment Operations Act 1997* or a material identified as being subject to resource recover exemption by the NSW EPA.

Reason:

To ensure soil removed from the site is appropriately disposed of and soil imported to the site is not contaminated and is safe for future occupants.

**76. Acid Sulfate Soils**

The Wollongong Local Environmental Plan 2009 Acid Sulfate Soils Map has identified that this property may be affected by classes 3, 4 or 5 Acid Sulfate Soils. Acid Sulfate Soils contain iron sulfides which, when exposed to air due to drainage or disturbance, may produce sulfuric acid and release toxic quantities of iron, aluminium and heavy metals. The Acid Sulfate Soils Map is an indication only and you are advised that you may encounter Acid Sulfate Soils during the excavation for the proposed development.

Any spoil material extracted or excavated from the foundations must be neutralised with commercial lime (calcium bicarbonate) by the addition of 10 kilograms of lime per 1 cubic metre of spoil material before it is disposed of or re-used on-site. Lime is to be added by evenly distributing over all exposed surface areas, drilled piers and footing trenches on the site, prior to pouring concrete.

Council suggests the applicant refer to the Acid Sulfate Soils Assessment Guidelines contained in the Acid Sulfate Soils Manual, prepared by NSW Acid Sulfate Management Advisory Committee, August 1998 for further information.

Reason:

To satisfy the requirements of the legislation.

#### **77. Open Excavations - Green and Golden Bell Frogs**

Where excavations/trenches are left open during the night, then they shall be closely inspected by the site supervisor for green and golden bell frogs prior to work starting on the proceeding day.

**Note:** The "Have you seen a green and golden bell frog?" brochure produced by the NSW Department of Environment and Climate Change (2008) is available from <https://www.environment.nsw.gov.au/resources/threatenedspecies/ggbfbro08326.pdf>, or by telephoning 1300 361 967.

Reason:

To satisfy the requirements of the legislation.

#### **78. Stop Work - Green and Golden Bell Frogs**

If green and golden bell frogs are found at any time during the demolition, excavation or construction phases of the development, work shall cease immediately, and a qualified zoologist experienced in the identification and management of the green and golden bell frog shall be contacted and a report of the find made to Environment Line (telephone 1300 361 967).

Reason:

To satisfy the requirements of the legislation.

#### **79. Waste management**

While demolition or building work is being carried out, the principal certifier must be satisfied all waste management is undertaken in accordance with the waste management plan.

Upon disposal of waste, the applicant is to compile and provide records of the disposal to the principal certifier, detailing the following:

- The contract details of the person(s) who removed the waste;
- The waste carrier vehicle registration;
- The date and time of waste collection;
- A description of the waste (type of waste and estimated quantity) and whether the waste is expected to be reused, recycled or go to landfill;
- The address of the disposal location(s) where the waste was taken;
- The corresponding tip docket/receipt from the site(s) to which the waste is transferred, notifying date and time of delivery, description (type and quantity) of waste.

**Note:** If waste has been removed from the site under an EPA Resource Recovery Order or Exemption, the applicant is to maintain all records in relation to the Order or Exemption and provide the records to the principal certifier and Council.

Reason:

To require records to be provided, during site work, documenting the lawful disposal of waste.

#### **80. Survey Certificate**

The submission of a Survey Certificate to the Principal Certifier at footings and/or formwork stage (whichever occurs first) confirming:

- a. the set out of the boundaries of the site,
- b. actual siting of the buildings and
- c. siting levels comply with the approved plans.

Reason:

To ensure all parties are aware of the approved plans and supporting documentation.

#### **81. Supervision of Engineering Works**

All engineering works associated with the development are to be carried out under the supervision of a practicing engineer and/or registered surveyor.

Reason:

To ensure compliance with relevant Standards.

**82. Hours of Work**

The Principal Certifier must ensure that building work, demolition or vegetation removal is only carried out between:

- 7:00am to 5:00pm on Monday to Saturday

The Principal Certifier must ensure building work, demolition or vegetation removal is not carried out on Sundays and public holidays, except where there is an emergency.

Unless otherwise approved within a construction site management plan, construction vehicles, machinery, goods or materials must not be delivered to the site outside the approved hours of site works.

Any variation to the hours of work requires Council's approval.

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

- a. The variation in hours required (length of duration);
- b. the reason for that variation (scope of works);
- c. the type of work and machinery to be used;
- d. method of neighbour notification;
- e. supervisor contact number; and
- f. any proposed measures required to mitigate the impacts of the works.

**Note:** The developer is advised that other legislation, such as Noise Guidelines for Local Government January 2023, may control the activities for which Council has granted consent, including but not limited to, the *Protection of the Environment Operations Act 1997*.

Reason:

To protect the amenity of the surrounding area.

**83. Site Management**

Stockpiles of sand, gravel, soil and the like must be located to ensure that the material:

- a. Does not spill onto the road pavement and
- b. is not placed in drainage lines or watercourses and cannot be washed into these areas.

Reason:

To comply with Council's Development Control Plan.

**84. Spillage of Material**

Should during construction any waste material or construction material be accidentally or otherwise spilled, tracked or placed on the road or footpath area without the prior approval of Council's Works Division this shall be removed immediately. Evidence that any approval to place material on the road or road reserve shall be available for inspection by Council officers on site at any time.

Reason:

To comply with Council's Development Control Plan.

**85. Survey Report for Floor Levels**

A Survey Report must be submitted to the Principal Certifier 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.

Reason:

To ensure all parties are aware of the approved plans and supporting documentation.

**86. Piping of Stormwater to Existing Stormwater Drainage System**

Stormwater for the land must be piped to Council's existing stormwater drainage system.

Reason:

To ensure all parties are aware of the approved plans and supporting documentation.

**87. No Adverse Run-off Impacts on Adjoining Properties**

The design and construction of the development shall ensure there are no adverse effects to adjoining properties, 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.

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.

Reason:

To comply with Council's Development Control Plan.

**88. Fences**

Any new fences constructed on the site and located in the flood plain shall be of a type that will not obstruct the free flow of floodwaters and not cause damage to surrounding land in the event of a flood.

Reason:

To comply with Council's Development Control Plan.

**89. Provision of Waste Receptacle**

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 re-usable materials.

Reason:

To comply with Council's Development Control Plan.

**90. Building Site to be Kept Free of Rubbish**

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.

Reason:

To comply with Council's Development Control Plan.

**91. Asbestos Waste Collection, Transportation and Disposal**

Asbestos waste must be prepared, contained, transported and disposed of in accordance with SafeWork NSW and NSW Environment Protection Authority requirements. Asbestos waste must only be disposed of at a landfill site that can lawfully receive this type of waste. A receipt must be retained and submitted to the Principal Certifier, and a copy submitted to Council (in the event that Council is not the Principal Certifier), prior to commencement of the construction works.

Reason:

To satisfy the requirements of the legislation.

**Before the Issue of an Occupation Certificate**

**92. Completion of landscape and tree works**

Before the issue of an Occupation Certificate, the Principal Certifier must be satisfied that all landscape and tree works, including pruning in accordance with *AS 4373-2007 Pruning of amenity trees* and the removal of all noxious weed species, have been completed in accordance with the approved plans and any relevant conditions of this consent.

Reason:

To ensure the approved landscaping works have been completed in accordance with the approved landscaping plan(s).

**93. Completion of Landscape Works on Council Owned or Controlled Land**

The developer must complete all landscape works required within Council's road reserve, or other Council owned or controlled land, in accordance with the conditions of this consent. The total cost of all such landscape works shall be fully borne by the developer and any damage to Council's assets shall be the subject of restoration works sufficient to restore the asset to its previous state and configuration previous to the commencement of works. Evidence that this requirement has been met must be satisfied prior to the issue of the Occupation Certificate.

Reason:

To ensure all parties are aware of the approved plans and supporting documentation.

**94. Arborist Verification – Street Tree Installation**

Prior to the issue of Occupation Certificate, the developer must supply certification in the form of a report, including photographic evidence, from an AQF Level 5 Arborist to the Principal Certifier and Wollongong City Council to verify:

- a. The tree stock complies with AS 2203:2018 Tree Stock for Landscape Use.
- b. The tree pits have been constructed and the trees installed in accordance with the requirements of the Wollongong City Council City Centre Public Domain Technical Manual and arboricultural best practice.

Reason:

To comply with the Australian Standards.

**95. Preservation of survey marks**

Before the issue of an occupation certificate, a registered surveyor must submit documentation to the principal certifier which demonstrates that:

- a. no existing survey mark(s) have been removed, damaged, destroyed, obliterated or defaced, or
- b. the applicant has re-established any survey mark(s) that were damaged, destroyed, obliterated or defaced in accordance with the Surveyor General's Direction No. 11 - Preservation of Survey Infrastructure.

Reason:

To protect the State's survey infrastructure.

**96. Section 73 Certificate**

A Section 73 Certificate must be submitted to the Principal Certifier prior to occupation of the development.

Reason:

To satisfy the requirements of the legislation.

**97. Removal of waste upon completion**

Before the issue of an Occupation Certificate, the Principal Certifier must ensure all refuse, spoil and material unsuitable for use on-site is removed from the site and disposed of in accordance with the approved waste management plan. Written evidence of the removal must be supplied to the satisfaction of the Principal Certifier.

Before the issue of a partial Occupation Certificate, the applicant must ensure the temporary storage of any waste is carried out in accordance with the approved waste management plan to the Principal Certifier's satisfaction.

Reason:

To ensure waste material is appropriately disposed or satisfactorily stored.

**98. BASIX**

An Occupation Certificate must not be issued unless accompanied by the BASIX Certificate applicable to the development. The Principal Certifier must not issue the Occupation Certificate unless satisfied that selected commitments have been complied with as specified in the relevant BASIX Certificate.

**NOTE:** Clause 44 of the Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021 provides for independent verification of compliance in relation to certain BASIX commitments.

Reason:

To satisfy the requirements of the legislation.

**99. 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 DCP 2009. This information must be submitted to the Principal Certifier prior to the issue of the final Occupation Certificate.

Reason:

To comply with Council's Development Control Plan.

**100. Structural Soundness Certification**

The submission of a report from a suitably qualified and experienced structural engineer to the Principal Certifier is required, prior to the issue of the Occupation Certificate and commencement of use. This report is required to verify that the development can withstand the forces of floodwater, debris and buoyancy up to the finished floor level.

Reason:

To comply with Council's Development Control Plan.

**101. Flood Affection Certification**

The submission of a report from a suitably qualified and experienced civil (hydrology) engineer to the Principal Certifier is required, prior to the issue of the Occupation Certificate and commencement of use. This report is required to certify that the 'as-constructed' development will not have any detrimental effects to adjoining properties or upon the subject land with respect to the loss of flood storage, changes in flood levels and alteration of flood conveyance, as a result of flooding or stormwater run-off and that safe occupation and efficient evacuation of people can be achieved in the in the event of a flood.

Reason:

To comply with the DCP and WLPP 2009

**Reasons**

The reasons for the imposition of the conditions are:

1. To minimise any likely adverse environmental impact of the proposed development.
2. To ensure the protection of the amenity and character of land adjoining and in the locality.
3. To ensure the proposed development complies with the provisions of Environmental Planning Instruments and Council's Codes and Policies.
4. To ensure the development does not conflict with the public interest.