



Mr Noah Shirley  
Madeline Blanchfield Architects  
83 Paddington Street  
PADDINGTON NSW 2021

D289/22  
MR3 (CIS)

**ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979 AS AMENDED  
NOTICE OF DETERMINATION - Approval**

<b>Development Application Number:</b>	<b>289/22</b>
<b>Land to which this applies:</b>	1 Shirley Road, Wollstonecraft Lot No.: 1 & 2, Sec. 14, DP: 6622
<b>Applicant:</b>	Noah Shirley - Madeline Blanchfield Architects
<b>Proposal:</b>	Alterations and additions to existing dwelling house including basement garage and lower ground floor, new swimming pool and landscaping works
<b>Determination of Development Application:</b>	Subject to the provisions of Section 4.17 of the <i>Environmental Planning and Assessment Act 1979</i> , approval has been granted subject to conditions in the notice of determination.
<b>Date of Determination:</b>	11 April 2023

**Reasons for Approval**

The development application has been assessed against the North Sydney Environmental Plan 2013 and the North Sydney Development Control Plan 2013 and is generally found to be satisfactory. In light of the considerations, reasons and merits mentioned through this report, the proposed development enables an appropriate, acceptable and reasonable design and planning outcome for the subject site that demonstrates appropriate consistency and adequate compatibility with the streetscape and character of the immediate locality.

Having regard to the provisions of Section 4.15(1) of the *Environmental Planning and Assessment Act 1979*, the proposed development will not result in any significant, adverse material impacts to adjoining properties and on the environment, including those relating to heritage, streetscape, amenity, privacy and view loss. As such, the application is considered satisfactory and is recommended for **approval**.

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**Consent to operate from:** 11 April 2023

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**Consent will lapse on:** 11 April 2028

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**Period of Consent**

Subject to Section 4.20 of the Act, this consent becomes effective and operates from the date listed above. The consent lapses five years after the date of consent in accordance with Section 4.53 of the Act and cannot be extended. To activate this consent, works must physically commence onsite 11 April 2028.

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**How community views were taken into account:**

The subject application was notified to adjoining properties and relevant precinct committee, in accordance with Council's Community Participation Plan. No submissions were received during the notification period.

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**Review of determination and right of appeal:**

Within six months after the date of notification of the decision, a review of this determination can be requested under Division 8.2 of the Act or an appeal to the Land and Environment Court made pursuant to the provisions of Section 8.7 of the Act. A review of determination should be lodged as soon as possible, and preferably no later two months after the date of notification of the decision to enable the review to be completed within the six-month period.

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Plans endorsed by the consent authority - please refer to condition A1.

**Endorsed for and on behalf of North Sydney Council**

**11 April 2023**

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DATE



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Signature on behalf of consent authority  
MIGUEL RIVERA  
**A/TEAM LEADER**

(i) **Conditions**

Consent is granted subject to the following conditions imposed pursuant to Section 4.17 of the *Environmental Planning and Assessment Act 1979* ("the Act") and the provisions of the *Environmental Planning and Assessment Regulation 2000* ("the Regulation") such conditions being reasonable and relevant to the development as assessed pursuant to Section 4.17 of the Act.

(ii) **Definitions**

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

**Applicant** means the applicant for this consent.

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

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

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

**Council** means North Sydney Council.

**Court** means the Land and Environment Court.

**Local Native Plants** means species of native plant endemic to North Sydney LGA.

**Stormwater Drainage System** means all works, facilities and documentation relating to:

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

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

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

**Principal Certifier** for building or subdivision work means the certifier appointed as the principal certifier for the building work under section 6.6 (1) or for the subdivision work under section 6.12 (1).

**Principal Contractor** for building work means the person responsible for the overall coordination and control of the carrying out of the building work.

Note: If any residential building work is involved, the principal contractor must be the holder of a contractor licence under the *Home Building Act 1989*.

**Professional Engineer** has the same meaning as in the *NCC*.

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

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

**SEE** means the final version of the Statement of Environmental Effects lodged by the *Applicant*.

**Site** means the land being developed subject to this consent.

**NSLEP 2013** means *North Sydney Local Environmental Plan 2013*

**NSDCP 2013** means *North Sydney Development Control Plan 2013*

**Work** for the purposes of this consent means:

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

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

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**A. Conditions that Identify Approved Plans**

**Surrendering of Development Consent DA2/21 and any subsequent modifications**

A1. In accordance with Section 4.17 of the *Environmental Planning and Assessment Act 1979* and Section 67 of the *Environmental Planning and Assessment Regulation 2021*, the applicant/developer must provide an application to Council that development consent for DA2/21 and any subsequent modifications to this application, is to be surrendered, prior to an application for any construction certificate.

A written request confirming surrendering of this consent must be provided to the relevant Certifying Authority and included in the application for any construction certificate.

(Reason: To ensure any conflicts and inconsistencies between concurrent consents are resolved and to minimise further diminishing of the Inter-war character and contributory and heritage values of the original dwelling house)

**Development in Accordance with Plans/Documentation**

A2. The development must be carried out in accordance with the following drawings and documentation and endorsed with Council's approval stamp, except where amended by the following conditions of this consent.

Plan No.	Rev	Description	Prepared by	Dated
DA.206	B	Demolition Ground Floor Plan	Madeleine Blanchfield Architects	7 Feb 2023
DA.207	B	Demolition Roof Plan	Madeleine Blanchfield Architects	7 Feb 2023
DA.301	B	Proposed Site Plan	Madeleine Blanchfield Architects	7 Feb 2023
DA.302	B	Proposed Basement	Madeleine Blanchfield Architects	7 Feb 2023
DA.303	B	Proposed Lower Ground Floor	Madeleine Blanchfield Architects	7 Feb 2023
DA.304	B	Proposed Ground Floor – 1 of 3	Madeleine Blanchfield Architects	7 Feb 2023
DA.305	B	Proposed Ground Floor – 2 of 3	Madeleine Blanchfield Architects	7 Feb 2023
DA.306	B	Proposed Ground Floor – 3 of 3	Madeleine Blanchfield Architects	7 Feb 2023
DA.307	B	Proposed Attic Plan	Madeleine Blanchfield Architects	7 Feb 2023
DA.308	B	Proposed Roof Plan	Madeleine Blanchfield Architects	7 Feb 2023
DA.309	1A	Proposed Lower Garden Plan	Madeleine Blanchfield Architects	7 Feb 2023
DA.401	B	West Elevation – 1 of 2	Madeleine Blanchfield Architects	7 Feb 2023
DA.402	B	West Elevation – 2 of 2	Madeleine Blanchfield Architects	7 Feb 2023
DA.403	B	East Elevation – 1 of 2	Madeleine Blanchfield Architects	7 Feb 2023
DA.404	B	East Elevation – 2 of 2	Madeleine Blanchfield Architects	7 Feb 2023
DA.405	B	South Elevation	Madeleine Blanchfield Architects	7 Feb 2023
DA.406	B	North Elevation	Madeleine Blanchfield Architects	7 Feb 2023
DA.501	B	Long Section – 1 of 2	Madeleine Blanchfield Architects	7 Feb 2023
DA.502	B	Long Section – 1 of 2	Madeleine Blanchfield Architects	7 Feb 2023
DA.503	B	Cross Section	Madeleine Blanchfield Architects	7 Feb 2023
DA.902	B	Materials Board	Madeleine Blanchfield Architects	7 Feb 2023
DA.906	2C	South-East Excavation Diagrams	Madeleine Blanchfield Architects	7 Feb 2023

(Reason: To ensure that the form of the development undertaken is in accordance with the determination of Council, Public Information)



**Plans on Site**

- A3. A copy of all stamped approved plans, specifications and documents (including the plans, specifications and documents submitted and approved with the Construction Certificate) must be kept on site at all times so as to be readily available for perusal by any officer of Council or the Principal Certifying Authority.

All documents kept on site in accordance with this condition must be provided to any officer of the Council or the certifying authority upon their request.

(Reason: To ensure that the form of the development undertaken is in accordance with the determination of Council, Public Information and to ensure ongoing compliance)

**No Demolition of Extra Fabric**

- A4. Alterations to, and demolition of the existing building shall be limited to that documented on the approved plans.

(Reason: To ensure compliance with the approved development)

**External Finishes and Materials**

- A5. External finishes and materials must be in accordance with the submitted schedule titled 'Materials Board' dated 15 September 2022, prepared by Madeleine Blanchfield Architects and received by Council, on 23 September 2022, unless otherwise modified by Council in writing.

(Reason: To ensure that the form of the development undertaken is in accordance with the determination of Council, Public Information)

**C. *Prior to the Issue of a Construction Certificate (and ongoing, where indicated)***

**Landscape Plans - Design Changes**

- C1. The following design changes must be incorporated into all documentation (including final plans/drawings) that are to be submitted as part of any application for a construction certificate:

- For consistency purposes, the final landscape plans must be revised to reflect the amended design (as approved by this consent).

(Reason: To ensure an appropriate balance of landscaping and un-built upon areas are provided for the property)

**Heritage - Design Changes**

- C2. The following design changes and requirements associated with heritage matters must be incorporated and integrated within the final design:

The following heritage requirements are to be met:

- Original architectural features (including the inglenook, wainscoting, plate rails, fretwork, timber mantle pieces, beamed ceilings, plaster ceilings, angled bookshelves in the southern office, skirtings, paneled doors, four sets of leadlight sliding doors) must be retained.

- Original joinery must not be painted to retain the integrity of the original materials.
- Original jelly glass glazing must be retained in the three archways on the Eastern Elevation of the central courtyard to retain the aesthetic and historic significance of the East Elevation.
- The remaining original central courtyard leadlight windows at GW06 and GW07 to the proposed kitchen, GW12 to the ensuite and GW13 to the staircase landing, must not be demolished.
- New plain glazing for the west-facing windows (front façade) in the existing office (northern wing) and sitting room (southern wing) must be deleted. The existing multi-paned Inter-war style glazing must be retained (or replaced to match the existing).
- The new south-facing enlarged openings in the office (reference GW20) and in the sitting room (GW21) and the associated balconies (accessed via these openings) must be deleted. The existing glazing to these rooms must be retained (or replaced to match existing).
- Exterior brickwork and the interior exposed brickwork to the north-eastern office, south-western small sitting room and proposed bedroom 2, must not be painted.
- New sandstone, if required, must have similar colour, dimensions and must be rock or split faced.
- The original interior paneled doors, window GW15, the green bathtub and hand basin must be salvaged for re-use on site or disposed of at a builders' salvage yard or building products website such as Revival Projects.
- The solid masonry balustrade must not be replaced with a glazed balustrade.

Plans and specifications which comply with this condition must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate.

The Certifying Authority must ensure that the building plans and specifications submitted fully satisfy the requirements of this condition.

(Reason: To ensure the development achieves compliance with any relevant heritage provisions under Council policy and to appropriately retain the Inter-war character, original materiality, presentation and aesthetic significance of the existing dwelling house and contributory item)

### **Specific Tree Protection Measures**

- C3. To ensure the protection of all trees to be retained, the following measures are to be undertaken:
- a) All documentation for the Construction Certificate application must show the site trees to be retained, and retention of the adjoining trees, with their positions and diameters of trunks and crowns (canopies) to be clearly and accurately shown in relation to all levels of the proposed development.
  - b) All plans and correspondences must refer to the required compliance with the approved Tree Protection and Management Plan, and clearly show the assigned number of each tree on site, adjoining and Council land.
  - c) A Consulting Arboriculturist ("the project arboriculturist"), who holds a minimum Australian Qualification Framework Level 5 in Arboriculture, is a registered consulting member of a nationally recognised arboricultural organisation or association, and who does not remove or prune trees in the North Sydney local government area, shall be engaged before work commences for the duration of site preparation, demolition, construction and landscaping.

- d) The project arboriculturist shall inspect, monitor, supervise, provide recommendations and written reports and certification relating to protection of the trees and compliance with the conditions of consent.
- e) The contact details of the project arboriculturist shall be advised to council before work commences and maintained up to date for the duration of works. If a new project arborist is appointed details of the new project arborist shall be notified to council within 7 days.
- f) The project arboriculturist is to submit a list of critical stages where joint site inspections with Council's Tree Management Officer will be required, with the adopted schedule to be complied with during the course of works, and include at minimum, the following hold points:
- Prior to demolition of existing structures;
  - At commencement of any excavation works within 7 metres of any tree to be retained;
  - Prior to any tree crown or root pruning;
  - At commencement of construction works within 7 metres of any tree to be retained.

(Reason: Tree protection measures)

#### **Dilapidation Report Damage to Public Infrastructure**

- C4. A dilapidation survey and report (including photographic record) must be prepared by a suitably qualified consultant which details the pre-developed condition of the existing public infrastructure in the vicinity of the development site. Particular attention must be paid to accurately recording any pre-developed damaged areas so that Council is fully informed when assessing any damage to public infrastructure caused as a result of the development. A copy of the dilapidation survey and report is to be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate.

The developer may be held liable for all damage to public infrastructure in the vicinity of the site, where such damage is not accurately recorded and demonstrated as pre-existing under the requirements of this condition.

The developer shall bear the cost of carrying out works to restore all public infrastructure damaged as a result of the carrying out of the development, and no occupation of the development shall occur until damage caused as a result of the carrying out of the development is rectified.

A copy of the dilapidation survey and report must be lodged with North Sydney Council by the Certifying Authority with submission of the Construction Certificate documentation.

(Reason: To record the condition of public infrastructure prior to the commencement of construction)

#### **Dilapidation Report Private Property (Excavation)**

- C5. A full dilapidation survey and report on the visible and structural condition of all neighbouring structures within the 'zone of influence' of the required excavations must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The zone of influence is to be defined as the horizontal distance from the edge of the excavation face to twice the excavation depth.

The dilapidation report and survey are to be prepared by a consulting structural/geotechnical engineer agreed to by both the applicant and the owner of any affected adjoining property.

All costs incurred in achieving compliance with this condition shall be borne by the person entitled to act on this Consent.

In the event that access for undertaking the dilapidation survey is denied by an adjoining owner, the applicant MUST DEMONSTRATE, in writing, to the satisfaction of Council that all reasonable steps have been taken to obtain access and advise the affected property owner of the reason for the survey and that these steps have failed. Written concurrence must be obtained from Council in such circumstances.

Note: This documentation is for record keeping purposes only and may be used by the developer or affected property owner to assist in any action required to resolve any dispute over damage to adjoining properties arising from the works. It is in the applicant's and adjoining owner's interest for it to be as full and detailed as possible.

(Reason: To record the condition of property/i.e., prior to the commencement of construction)

### **Dilapidation Survey Private Property (Neighbouring Buildings)**

- C6. A photographic survey and dilapidation report of adjoining property Nos. **1A Shirley Road and 2 Tryon Avenue**, detailing the physical condition of those properties, both internally and externally, including, but not limited to, such items as walls, ceilings, roof, structural members and other similar items, SHALL BE submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The survey and report are to be prepared by an appropriately qualified person agreed to by both the applicant and the owner of the adjoining property. A copy of the report is to be provided to Council, if Council is not the Certifying Authority, prior to the issue of any Construction Certificate.

All costs incurred in achieving compliance with this condition shall be borne by the person entitled to act on this Consent.

In the event that access for undertaking the photographic survey and dilapidation report is denied by an adjoining owner, the applicant MUST DEMONSTRATE, in writing, to the satisfaction of Council that all reasonable steps have been taken to obtain access and advise the affected property owner of the reason for the survey and that these steps have failed. Written concurrence must be obtained from Council in such circumstances.

Note: This documentation is for record keeping purposes only and may be used by an applicant or affected property owner to assist in any action required to resolve any dispute over damage to adjoining properties arising from the works. It is in the applicant's and adjoining owner's interest for it to be as full and detailed as possible.

(Reason: Proper management of records)

### **Structural Adequacy of Existing Building**

- C7. A report prepared by an appropriately qualified and practising structural engineer, certifying the structural adequacy of the property and its ability to withstand the proposed additional, or altered structural loads during all stages of construction shall be submitted to the Certifying Authority for approval prior to issue of any Construction Certificate. The certified report must also include all details of the methodology to be employed in construction phases to achieve the above requirements. The methodology in the certified report must be complied with at all times.

(Reason: To ensure the structural integrity of the building is maintained)

**Geotechnical Report**

- C8. Prior to issue of any Construction Certificate a Geotechnical/Civil Engineering report must be prepared which addresses at a minimum (but is not limited to) the following:
- a) the type and extent of substrata formations by the provision of a minimum of four (4) representative bore hole logs which are to provide a full description of all material from ground surface to 1.0 m below the finished basement floor level and include the location and description of any anomalies encountered in the profile. The surface and depth of the bore hole logs must be related to Australian Height Datum;
  - b) the appropriate means of excavation/shoring in light of point (a) above and proximity to adjacent property and structures. Potential vibration caused by method of excavation and potential settlements affecting nearby footings/foundations must be discussed and mechanisms to ameliorate any such impacts recommended;
  - c) the proposed method to temporarily and permanently support the excavation for the basement adjacent to adjoining property, structures and road reserve if nearby (full support must be provided within the subject site);
  - d) the existing groundwater levels in relation to the basement structure, where influenced;
  - e) the drawdown effects on adjacent properties (including road reserve), if any, the basement excavation will have on groundwater together with the appropriate construction methods to be utilised in controlling groundwater. Where it is considered there is the potential for the development to create a "dam" for natural groundwater flows, a groundwater drainage system must be designed to transfer groundwater through or under the proposed development without a change in the range of the natural groundwater level fluctuations. Where an impediment to the natural flow path is constructed, artificial drains such as perimeter drains and through drainage may be utilised; and
  - f) recommendations to allow the satisfactory implementation of the works. An implementation program is to be prepared along with a suitable monitoring program including control levels for vibration, shoring support, ground level and groundwater level movements during construction. The implementation program is to nominate suitable hold points at the various stages of the works for verification of the design intent before sign-off and before proceeding with subsequent stages.

The geotechnical report must be prepared by an appropriately qualified consulting geotechnical/hydrogeological engineer with previous experience in such investigations and reporting.

It is the responsibility of the consulting geotechnical/hydrological specialist to undertake the appropriate investigations, reporting and specialist recommendations to ensure a reasonable level of protection to adjacent property and structures both during and after construction. The report must contain site-specific geotechnical recommendations and shall specify the necessary hold/inspection points by relevant professionals as appropriate.

The design principles for the geotechnical report are as follows:

- a) no ground settlement or movement is to be induced which is sufficient enough to cause an adverse impact to adjoining property and/or infrastructure;

- b) no changes to the ground water level are to occur as a result of the development that are sufficient enough to cause an adverse impact to the surrounding property and infrastructure;
- c) no changes to the ground water level are to occur during the construction of the development that are sufficient enough to cause an adverse impact to the surrounding property and infrastructure;
- d) vibration is to be minimised or eliminated to ensure no adverse impact on the surrounding property and infrastructure occurs, as a result of the construction of the development;
- e) appropriate support and retention systems are to be recommended and suitable designs prepared to allow the proposed development to comply with these Design Principles; and
- f) an adverse impact can be assumed to be crack damage as identified within the relevant Australian Standard for determining such damage.

The report, satisfying the requirements of this condition, must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate.

The professional recommendations, implementation program, monitoring program, mitigation measures and the like contained in the report must be implemented in full during the relevant stages of excavation and construction.

(Reason: To ensure the structural integrity of the subject site and adjoining sites during the excavation process)

### **Sediment Control**

C9. Where construction or excavation activity requires the disturbance of the soil surface or existing vegetation, erosion and sediment control techniques, as a minimum, are to be in accordance with the publication *Managing Urban Stormwater: Soils and Construction* (4th edition, Landcom, 2004) commonly referred to as the "Blue Book" or a suitable and effective alternative method.

A Sediment Control Plan must be prepared and submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate and prior to any works commencing. The Sediment Control Plan must be consistent with the Blue Book and disclose:

- a) All details of drainage to protect and drain the site during the construction processes;
- b) All sediment control devices, barriers and the like;
- c) Sedimentation tanks, ponds or the like;
- d) Covering materials and methods; and
- e) A schedule and programme of the sequence of the sediment and erosion control works or devices to be installed and maintained.
- f) Methods for the temporary and controlled disposal of stormwater during construction.

All works must be undertaken in accordance with the approved Sediment Control plan.

The Certifying Authority must ensure that the building plans and specifications submitted, referenced on and accompanying the issued Construction Certificate, fully satisfy the requirements of this condition.

(Reason: To protect the environment from the effects of sedimentation and erosion from development sites)

### **Waste Management Plan**

C10. A Waste Management Plan is to be submitted for approval by the Certifying Authority prior to the issue of any Construction Certificate. The plan must include, but not be limited to:

- a) The estimated volume of waste and method of disposal for the construction and operation phases of the development;
- b) The design of the on-site waste storage and recycling area; and
- c) Administrative arrangements for waste and recycling management during the construction process.

The approved Waste Management Plan must be complied with at all times in the carrying out of the development.

(Reason: To encourage the minimisation of waste and recycling of building waste)

### **Colours, Finishes and Materials (Conservation Areas)**

C11. The finishes, materials and exterior colours shall be complementary to the architectural style of the original building and sympathetic to the character of the Conservation Area. A schedule of finishes, materials and external colours shall be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The Certifying Authority must ensure that the building plans and specifications submitted fully satisfy the requirements of this condition prior to the release of the Construction Certificate.

(Reason: To ensure that the completed colours, finishes and materials are complementary to the Conservation Area)

### **Heritage Architect to be Commissioned**

C12. An appropriately qualified and experienced heritage architect must be commissioned to assist the design development, contract documentation and overseeing of construction works on the site for their duration by undertaking regular inspections of the works in progress and providing advice in relation to heritage matters.

Written details of the engagement of the experienced heritage architect must be submitted to the Certifying Authority prior to the issue of any Construction Certificate.

Note: If advice provided by the heritage architect is to the effect that works requiring development consent be carried out, such works would require an application under s96 of *the Environmental Planning and Assessment Act 1979* or further development application. This condition, and any advice given by the heritage architect, should not be construed as authorising the carrying of development with/ otherwise than in accordance with the development consent.

(Reason: To ensure that all matters relating to significant fabric and spaces are resolved and recorded using best practice for heritage conservation)

**Skylight(s)**

- C13. Skylight flashing(s) and frame(s) to be coloured to match the roof material. Skylight(s) to sit no higher than 100 mm above roof plane when in a closed position. Plans and specifications which comply with this condition must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate.

The Certifying Authority must ensure that the building plans and specifications submitted fully satisfy the requirements of this condition.

(Reason: To minimise the visual impact of the skylight(s) on the roof plane)

**Work Zone**

- C14. If a Work Zone is proposed, an application must be made to the North Sydney Local Traffic Committee to install the 'Work Zone'. A Work Zone permit is required to be issued by the Council prior to the issue of any Construction Certificate.

Work Zones are provided specifically for the set down and pick up of materials and not for the parking of private vehicles associated with the site. Work Zones will generally not be approved where there is sufficient space on-site for the setting down and picking up of goods being taken to or from a construction site. If the Work Zone is approved by the Committee, the Applicant must obtain a written copy of the related resolution from the North Sydney Local Traffic Committee and submit a copy of this to the Certifying Authority to enable issue of the Construction Certificate.

Where approval of the 'Work Zone' is given by the Committee, the requirements of the Committee, including installation of the necessary 'Work Zone' signage and payment of any fees, must occur prior to commencement of any works on the site. Further, at the expiration of the Work Zone approval, the developer is required to remove the Work Zone signs and reinstate any previous signs, all at the developer's cost. The requirements imposed by the Committee on the Work Zone permit (or permits) must be complied with at all times.

(Reason: Amenity and convenience during construction)

**Maintain Property Boundary Alignment Levels**

- C15. Except where otherwise approved by Council, the property boundary alignment levels must match the levels which existed prior to the commencement of works. Plans and specifications which document existing and proposed levels adjacent to the site boundaries and which comply with the requirements of this condition must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate.

The Certifying Authority must ensure that the building plans and specifications submitted, referenced on and accompanying the issued Construction Certificate, fully satisfy the requirements of this condition.

(Reason: To ensure interface between property and public land remains uniform)



**Basement Car Park to Comply with Relevant Standards**

- C16. The basement layout must comply with all requirements of Australian Standard AS2890.1. Certification from a suitably qualified and practicing Civil Engineer that the basement design will comply with the requirements of the Australian Standard must be provided to the Certifying Authority for approval prior to issue of any Construction Certificate.

(Reason: To ensure the basement layout complies with relevant standards)

**Required Infrastructure Works - Roads Act 1993**

- C17. Prior to the issue of any Construction Certificate engineering design plans and specifications must be prepared by a qualified civil design engineer. An application must be made to Council on the "To Satisfy DA Consent Condition" application form with payment of the adopted assessment/inspection fees. The plans and specifications must be to detail suitable for construction issue purposes and must provide detail and specification for the following infrastructure works to be completed as part of the development:

Road Works

The existing vehicular crossing on Shirley Road frontage must be reinstated as kerb, gutter, verge and footpath. To accommodate this requirement, the following infrastructure works must be carried out on Council property at the Applicant's expense:

- a) The transition work for the reinstatement should start from the near driveway wings of 1A Shirley Road and up to the wooden electric pole past the subject driveway.
- b) The kerb gutter and footpath should be placed on an end-to-end single straight grade.
- c) The footpath must be falling towards the verge and free of trip hazards for pedestrians.
- d) The works will require reconstruction of the carriageway shoulder extending out 1200mm from the gutter lip in AC10 - 50mm thick, adjacent to the new kerb/gutter and must marry smoothly with existing road pavement and new gutter works.
- e) The existing PVC pipeline within the council land must be replaced with a hot-dipped galvanised steel hollow section with a minimum wall thickness of 4.0 millimetres and a section height of 100 millimetres,
- f) a longitudinal section along the gutter line at a scale of 1:50 showing how it is intended to blend the vehicular crossing with the existing kerb and gutter,
- g) a longitudinal section along the footpath property boundary at a scale of 1:50 is required,

Drainage Works

Connection of the site stormwater system must be made directly to a newly constructed grated gully pit (with lintel), in front of the site on Tryon Avenue. To accommodate this requirement, the following drainage infrastructure works must be carried out on Council property at the Applicants expense:

- a) construction of a standard grated gully pit with extended kerb inlet (1.8m lintel) in the kerb fronting the subject site in Tryon Avenue. The pit must be constructed in accordance with Council's "Infrastructure Specification for Roadworks, Drainage and Miscellaneous Works."

- b) construction of a new in-ground drainage line under the kerb and gutter at standard depth. The line must connect the new gully pit to the existing Council pit located downstream of the site on Tryon Avenue. The pipes within the road reserve are to be reinforced concrete class 2 with a minimum 375mm diameter and have bedding in accordance with Australian Standard AS 3725 - (Loads on buried concrete pipes). The developer shall be responsible for carrying out any service investigations to allow a gravity connection.

Certifying Authorities must not issue a Construction Certificate without the formal written approval of Council (as Roads Authority) under the Roads Act 1993.

The required plans and specifications are to be designed in accordance with North Sydney Council's current documents Infrastructure Specification for Road Works, Drainage and Miscellaneous Works and Performance Guide for Engineering Design and Construction. The drawings must detail existing utility services and trees affected by the works, erosion control requirements and traffic management requirements during the course of works. A detailed survey must be undertaken as required. Traffic management is to be certified on the drawings as being in accordance with the documents SAA HB81.1 - 1996 - Field Guide for Traffic Control at Works on Roads - Part 1 and RMS Traffic Control at Work Sites (1998). **Construction of the works must proceed only in accordance with any conditions attached to the Council Roads Act 1993 approval.**

Note: A minimum of 21 days will be required for Council to assess Roads Act submissions. Early submission is recommended to avoid any delays in obtaining a Construction Certificate. A fee to cover cost of assessment (set out in Council's adopted fees and charges) is payable and Council will withhold any consent and approved plans until full payment of the correct fees. Plans and specifications must be marked to the attention of Council's Development Engineers. In addition, a copy of this condition must be provided, together with a covering letter stating the full address of the property and the accompanying DA number.

(Reason: To ensure infrastructure works are designed and constructed to appropriate standards and requirements of the Roads Act 1993)

### **Obtain Driveway Crossing Permit under S.138 Roads Act 1993**

C18. A driveway crossing and roads infrastructure works permit to suit the approved off-street parking facilities must be granted by the Council prior to the issue of any Construction Certificate. In order to obtain a permit under S.138 of the Roads Act 1993, an application must be made to Council on the 'Vehicular Access Application' form with payment of the adopted assessment/inspection fees. Council will require civil design construction drawings and certification from the applicant's Civil Engineer to verify design details and enable issue of the permit. The requirements of the permit must be complied with at all times.

The civil design drawings must include the following at a minimum:

- a) the vehicular accessway must comply with AS 2890.1 and Council's current Vehicular Access Application Guidelines and Specification (gutter bridges not permitted) to ensure that a B85 vehicle will not scrape/strike the surface of the carriageway, layback, vehicular crossing or parking floor;
- b) the existing vehicular crossing on Shirley Road frontage must be reinstated as a kerb, gutter, verge and footpath.

- c) the existing vehicular crossing on the corner of Shirley Road and Tyron Avenue is non-complaint and must not be used at all for vehicular access,
- d) the width of the proposed vehicular layback must be a maximum of 5.0 metres (including the wings),
- e) the proposed vehicular crossover must be set square to the kerb,
- f) the proposed crossing (between the layback and the property boundary) must be placed on a single straight grade of approximately 4.5%, falling to the back of the layback,
- g) the gutter levels must match the existing levels and shall not be altered,
- h) Transitioning works of a minimum of 4455 mm towards the east and a minimum of 2000 mm towards the west of the proposed driveway crossing as shown in the submitted plan are required for the footpath to ensure uniformity in the footpath.
- i) the kerb gutter and road shoulder must be transitioned at least 1m on both sides of the proposed crossing to ensure uniformity in the road reserve,
- j) the works will require reconstruction of the carriageway shoulder extending out 600mm from the gutter lip in AC10 - 50mm thick, adjacent to all new gutter works, layback, kerb/gutter,
- k) any twisting of the proposed driveway access must occur entirely within the subject property,
- l) all inspection openings and utility services must be adjusted to match the proposed driveway levels,
- m) sections along the centreline and extremities are required at a scale of 1:50 to be taken from the centreline of the roadway through to the parking area itself and must include all changes of grade and levels both existing and proposed,
- n) a longitudinal section along the gutter line at a scale of 1:50 showing how it is intended to blend the vehicular crossing with the existing kerb and gutter,
- o) a longitudinal section along the footpath property boundary at a scale of 1:50 is required,
- p) the sections must show the calculated clearance to the underside of any overhead structure and clearance/distances from any existing sewer lines/infrastructure (directly below the internal driveway footprint),

The permit must be granted by Council prior to the issue of any Construction Certificate.

All driveway and infrastructure works on the road reserve must be undertaken in accordance with the terms of the permit issued by Council. Inspections by Council will be required as specified. The Certifying Authority issuing the Construction Certificate must ensure that the permit issued by Council is obtained and referenced on and accompanies the Construction Certificate issued.

(Reason: To facilitate appropriate vehicular access to private sites, without disruption to pedestrian and vehicular traffic)

**Stormwater Disposal - Drainage Plan**

- C19. Prior to the issue of any Construction Certificate, site drainage plans must be prepared by a licensed plumber or drainage engineer. The site drainage plans must be designed in accordance with the following criteria:
- a) compliance with BCA drainage requirements and current Australian Standards and guidelines;
  - b) stormwater runoff and subsoil drainage generated by the approved development must be conveyed in a controlled manner by gravity to the newly proposed council kerb inlet pit in front of the subject site at Tryon Avenue;
  - c) If a minimum top cover of 300 mm cannot be obtained over the new pipelines, the new pipelines within council land shall be hot-dipped galvanised steel hollow section with a minimum wall thickness of 4.0 millimetres and a section height of 100 millimetres;
  - d) the design and installation of the Rainwater Tanks shall comply with BASIX and Sydney Water requirements. Overflow from tank shall be connected by gravity to the stormwater disposal system; and
  - e) prevent any stormwater egress into adjacent properties by creating physical barriers and surface drainage interception.

Drainage plans and specifications which comply with this condition must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The Certifying Authority must ensure that the building plans and specifications submitted, referenced on and accompanying the issued Construction Certificate, fully satisfy the requirements of this condition.

(Reason: Proper disposal of stormwater)

**Bond for Damage and Completion of Infrastructure Works - Stormwater, Kerb and Gutter, Footpaths, Vehicular Crossing and Road Pavement**

- C20. Prior to the issue of any Construction Certificate, security deposit or bank guarantee must be provided to Council to the sum of **\$35,000.00** to be held by Council for the payment of cost for any/all of the following:
- a) making good any damage caused to any property of the Council as a consequence of the doing of anything to which this consent relates,
  - b) completing any public work (such as road work, kerbing and guttering, footway construction, stormwater drainage and environmental controls) required in connection with this consent.
  - c) remedying any defects in any such public work that arise within six months after the work is completed.

The security required by this condition and in the schedule contained later in these conditions must be provided by way of a deposit with the Council; or other such guarantee that is satisfactory to Council (such as a bank guarantee). Any guarantee provided as security must name North Sydney Council as the nominated beneficiary and must not be subject to an expiry date.

The security will be refundable following the expiration of six months from the issue of any final Occupation Certificate or completion of public work required to be completed (whichever is the latest) but only upon inspection and release by Council's Engineers.

Council shall have full authority to make use of the bond for such restoration works as deemed necessary by Council in circumstances including the following:

- where the damage constitutes a hazard in which case Council may make use of the security immediately;
- the applicant has not repaired or commenced repairing damage within 48 hours of the issue by Council in writing of instructions to undertake such repairs or works;
- works in the public road associated with the development are to an unacceptable quality; and
- the Certifying Authority must ensure that security is provided to North Sydney Council prior to issue of any Construction Certificate.

(Reason: To ensure appropriate security for works on public land and an appropriate quality for new public infrastructure)

#### **Tree Bond for Public Trees**

C21. Prior to the issue of any construction certificate, security in the sum of **\$36,000.00** must be provided to Council for the protection of trees in public places, including the making good of any damage caused to such trees. The security is to be provided in accordance with the Schedule below.

The security required by this condition and in the schedule contained later in these conditions must be provided by way of a deposit with the Council; or other such guarantee that is satisfactory to Council (such as a bank guarantee). Any guarantee provided as security must name North Sydney Council as the nominated beneficiary and must not be subject to an expiry date.

The security will be refundable following the expiration of 6 months from the issue of any final Occupation Certificate but only upon inspection and release by Council's Landscape Development Officer.

If any tree is removed or damaged Council may deduct from this security the reasonable cost of replacement with a tree of the same species and to a similar stage of growth it would have attained at the completion of the work.

In the case of any tree, which cannot be replaced with a similar specimen, the security for that tree will be forfeited to Council and used to provide replacement street plantings.

#### SCHEDULE

<b>Tree species</b>	<b>Location</b>	<b>Bond</b>
3 x <i>Lagerstroemia indica</i> (4m)	Council verge in front of No. 1 Shirley Road	\$12,000.00
3 x <i>Callistemon viminalis</i> (to 10m)	Council verge in front of No. 1 Shirley Road	\$24,000.00

(Reason: Protection of existing environment public infrastructure, community assets and significant trees)

**Tree Protection Measures to be shown on Construction Drawings**

C22. The tree protection measures contained in the arborist report prepared by Martin Peacock, dated 25/8/22, shall be shown clearly on the Construction Certificate drawings.

Plans and specifications showing the said tree protection measures must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate.

The Certifying Authority must ensure the construction plans and specifications submitted, referenced on and accompanying the issued Construction Certificate, fully satisfy the requirements of this condition.

(Reason: To ensure that appropriate tree protection measures are shown on construction drawings)

**Protection of Trees**

C23. The following tree(s) are required to be protected and retained as part of the development consent in accordance with AS 4970-2009 - Protection of trees on development sites:

Tree Species	Location	Height/s
3 x <i>Lagerstroemia indica</i>	Council verge in front of No. 1 Shirley Road	4m
3 x <i>Callistemon viminalis</i>	Council verge in front of No. 1 Shirley Road	To 10m
1 x <i>Plumeria acutifolia</i>	Southern setback in No.1 Shirley Road	3m x 6m
1 x <i>Magnolia x soulangeana</i>	Front setback in No. 1 Shirley Road	6m x 8m
4 x <i>Cupressocyparis leylandii</i>	Western setback in No. 2 Tryon Avenue	-
1 x <i>Glochidion ferdinandii</i>	Western setback (front) in No. 2 Tryon Avenue	7m x 8m

Plans and specifications complying with this condition must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The Certifying Authority must ensure that the building plans and specifications submitted, referenced on and accompanying the issued Construction Certificate, fully satisfy the requirements of this condition.

Any tree(s) shown as being retained on the approved plans (regardless of whether they are listed in the above schedule or not) must be protected and retained in accordance with this condition.

(Reason: Protection of existing environmental and community assets)

**Approval for Removal of Trees**

C24. The following tree(s) are approved for removal in accordance with the development consent:

Tree species that are acceptable for removal	Location	Height/s
T1 <i>Lagerstroemia indica</i>	North-western corner of No. 1 Shirley Road	3m x 4m
T2 <i>Camelia japonica</i>	North-western corner of No. 1 Shirley Road	3m x 4m
T3 <i>Dracena</i>	Eastern setback of No. 1 Shirley Road	6m x 5m
T5 <i>Malus species</i>	Western setback of No. 1 Shirley Road	6m x 5m
T7 <i>Lagerstroemia indica</i>	Western setback of No. 1 Shirley Road	4m x 4m

Removal or pruning of any other tree on the site is not approved, excluding species exempt under Council's Tree Preservation Order.

Any tree(s) shown as being retained on the approved plans (regardless of whether they are listed in the above schedule or not) must be protected and retained in accordance with this condition.

(Reason: Protection of existing environmental and community assets)

**Air Conditioners in Residential Premises**

C25. The use of any air conditioner installed on the premises must comply with the requirements of the Protection of the Environment Operations (Noise Control) Regulations 2008 and State Environmental Planning Policy (Infrastructure) 2007 and must not:

- (a) emit a noise that is audible within a habitable room in any affected residence (regardless of whether any door or window to that room is open);
  - (i) before 8.00 am and after 10.00 pm on any Saturday, Sunday or Public Holiday; or
  - (ii) before 7.00 am or after 10.00 pm on any other day
- (b) cause an LAeq(15min) which exceeds the RBL background noise level by more than 5dB when measured at the boundary of any affected residence. The modifying factor adjustments in Section 4 of the EPA Industrial Noise Policy will be applied.

"affected residence" includes residential premises (including any lot in the strata scheme or another strata scheme), premises for short-term accommodation and hospitals.

"boundary" includes any window or elevated window of an affected residence.

Terms in this condition have the same meaning as in the Noise Guide for Local Government and the Industrial Noise Policy published by the NSW Environment Protection Authority.

(Reason: To maintain residential amenity)

**Swimming Pool Pumps on Residential Premises**

C26. The Certifying Authority must be satisfied that the swimming pool pump to be installed on the premises must not:

- a) emit a noise that is audible within a habitable room in any affected residence (regardless of whether any door or window to that room is open);
  - (i) before 8.00 am and after 8.00 pm on any Sunday or Public Holiday; or
  - (ii) before 7.00 am or after 8.00 pm on any other day
- (c) cause an LAeq(15min) which exceeds the RBL background noise level by more than 5dB when measured at the boundary of any affected residence. The modifying factor adjustments in Section 4 of the EPA Industrial Noise Policy shall be applied.

"affected residence" includes residential premises (including any lot in the strata scheme or another strata scheme), premises for short-term accommodation and hospitals .

"boundary" includes any window or elevated window of an affected residence.

Terms in this condition have the same meaning as in the Noise Guide for Local Government and the Industrial Noise Policy published by the NSW Environment Protection Authority.

Details demonstrating compliance with the requirements of this condition must be submitted to the Certifying Authority prior to the issue of the Construction Certificate.

(Reason: To maintain residential amenity)

#### **Pool Access**

C27. Access to the pool must be restricted by a child resistant barrier in accordance with the regulations prescribed in the Swimming Pools Act 1992, and the barrier is to conform to the requirements of the applicable Australian Standard. Plans and specifications complying with this condition must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The Certifying Authority must ensure that the building plans and specifications submitted, referenced on and accompanying the issued Construction Certificate, fully satisfy the requirements of this condition.

(Reason: To ensure the safety of children and make applicant aware of the need to comply with applicable pool fencing legislation)

#### **Swimming Pool Water to Sewer**

C28. The swimming pool, including overflow water, must be drained to the sewer. The consent of Sydney Water to dispose of wastewater must be obtained prior to the issue of any Construction Certificate. Plans and specifications complying with this condition and any conditions/requirements of Sydney Water must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The Certifying Authority must ensure that the building plans and specifications submitted, referenced on and accompanying the issued Construction Certificate, fully comply with this condition and any conditions/ requirements imposed by Sydney Water.

(Reason: Water from a swimming pool is classified as wastewater and cannot be legally disposed of into the stormwater system)

#### **Pool Filter**

C29. The pool filtering equipment must be encased by a soundproof cover and must be located six (6) metres from any habitable room in a dwelling on a neighbouring property. Plans and specifications complying with this condition must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The Certifying Authority must ensure that the building plans and specifications submitted, referenced on and accompanying the issued Construction Certificate, fully satisfy the requirements of this condition.

(Reason: To ensure noise generated by equipment does not result in offensive noise)

#### **Section 7.12 Contributions**

C30. A monetary contribution pursuant to the provisions of Section 7.12 of the Environmental Planning and Assessment Act 1979 is to be paid to Council, in accordance with the North Sydney Council's Contribution Plan, to provide for local infrastructure improvements.

Based on the cost of development at the date of determination, the total contribution payable to Council is **\$25,218.99**.



### Indexation

The monetary contribution required under this consent will be indexed at the time of payment in accordance with quarterly movements in the Consumer Price Index (All Groups Index) for Sydney as published by the Australian Bureau of Statistics.

### Timing of Payment

The contribution must be paid to Council prior to issue of any Construction Certificate for any work approved by this consent.

A copy of the North Sydney Contribution Plan can be viewed at North Sydney Council's Customer Service Centre, 200 Miller Street, North Sydney or downloaded via Council's website at [www.northsydney.nsw.gov.au](http://www.northsydney.nsw.gov.au).

(Reason: To provide for local infrastructure identified in the North Sydney Council Local Contributions Plan 2020)

### **Security Deposit/Guarantee Schedule**

C31. All fees and security deposits/guarantees in accordance with the schedule below must be provided to Council prior to the issue of any Construction Certificate:

<b>Security Deposit/Guarantee</b>	<b>Amount (\$)</b>
Footpath Damage Bond	\$35,000.00
Street Tree Bond (on Council Property)	36,000.00
<b>TOTAL BONDS</b>	<b>\$71,000.00</b>

Note: The following fees applicable

<b>Fees</b>	
Contributions	\$25,218.99
<b>TOTAL FEES</b>	<b>\$25,218.99</b>

The security required by the above schedule must be provided by way of a deposit with the Council; or other such guarantee that is satisfactory to Council (such as a bank guarantee). Any guarantee provided as security must name North Sydney Council as the nominated beneficiary and must not be subject to an expiry date.

(Reason: Compliance with the development consent)

### **BASIX Certificate**

C32. Under clause 97A(3) of the Environmental Planning and Assessment Regulation 2000, it is a condition of this development consent that all the commitments listed in BASIX Certificate No. **A471133** for the development are fulfilled. Plans and specifications complying with this condition must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The Certifying Authority must ensure that the building plans and specifications submitted, referenced on and accompanying the issued Construction Certificate, fully satisfy the requirements of this condition.

(Reason: To ensure the proposed development will meet the Government's requirements for sustainability and statutory requirements)

**D. Prior to the Commencement of any Works (and continuing where indicated)**

**Project Arborist Engaged**

D4. Duties of the Project Arborist:

- The project arboriculturist shall inspect tree protection measures and certify in writing to the Principal Certifying Authority the measures comply with the approved Tree Protection Plan and as directed by the project arboriculturist before work commences.
- The project arboriculturist shall provide guidance and oversight of tree protection and management to ensure that the stability and ongoing viability of trees being retained is not compromised.
- The project arboriculturist must contact the tree pruning contractor and Council's Tree Management Officer (giving at least 2 working days' notice) to arrange a joint site meeting, prior to commencing any pruning, to determine the exact location and extent of pruning that is permissible, with the tree pruning contractor to comply with any instructions issued by Council, acting reasonably.
- Any pruning must be undertaken by a practicing arborist with a minimum Australian Qualification Framework Level 3 in arboriculture, in accordance with the principles of the Australian Standard AS 4373-2007 'Pruning of Amenity Trees,' and the NSW Work Cover Code of Practice for the Amenity Tree Industry (1998), as well as any instructions issued on site by Council, acting reasonably.
- The practicing arborist must keep a log of dates and times of when they attended the site, the type of works that were performed, and must form part of the certification required prior to Occupation.

(Reason: Tree protection measures)

**Protection of Trees**

- D5. All trees that are specifically nominated to be retained by notation on plans or by condition as a requirement of this consent must be maintained and protected during demolition, excavation and construction on the site in accordance with AS4970-2009

Sensitive construction techniques including hand excavation, pier & beam construction & flexible location of piers/footings shall be used within the TPZ of any protected tree. No roots greater than 40mm shall be cut, no canopy pruning shall be permitted. SW and other services shall not be directed through the TPZ of any protected tree.

The tree protection measures detailed in the approved Tree Protection and Management Plan prepared by Martin Peacock dated 25/8/22 and as directed by the project arboriculturist shall be established before work commences.

Protection of Public Trees

The following tree(s) are required to be protected and retained as part of the development consent in accordance with AS 4970-2009 – Protection of trees on development sites:

Tree Species	Location	Bond
3 x <i>Lagerstroemia indica</i> (4m)	Council verge in front of No. 1 Shirley Road	\$12,000.00
3 x <i>Callistemon viminalis</i> (to 10m)	Council verge in front of No. 1 Shirley Road	\$24,000.00

Plans and specifications complying with this condition must be submitted to the Certifying Authority for approval prior to the issue of any Construction Certificate. The Certifying Authority must ensure that the building plans and specifications submitted, referenced on and accompanying the issued Construction Certificate, fully satisfy the requirements of this condition.

(Reason: To ensure compliance with the requirement to retain significant planting on the site and to ensure that the stability and ongoing viability of trees being retained are not compromised)

### **Temporary Fences and Tree Protection**

D6. All protected trees on-site that are specifically nominated to be retained by notation on plans or by condition as a requirement of this consent must be tagged with luminous tape or the like for purposes of identification prior to demolition, excavation or construction works and must remain so for the duration of works on the site. No materials or builders' waste are to be stored in the vicinity of the nominated tree/trees at any time.

Appropriate fencing or barricades in accordance with AS4970-2009 (Protection of trees on development sites), not less than the distance shown in the schedule hereunder, must be installed to the satisfaction of the Certifying Authority prior to demolition or commencement of any works and must be maintained for the duration of the works:

(Reason: To protect the trees to be retained on the site during construction works)

### ***E. During Demolition and Building Work***

#### **Rural Fire Service Requirements**

E1. The following requirements of the Rural Fire Service must be satisfied:

#### **Asset Protection Zones**

The intent of measures is to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities. To achieve this, the following conditions shall apply:

From the start of building works, and in perpetuity to ensure ongoing protection from the impact of bush fires, the entire property must be managed as an inner protection area (IPA) in accordance with the requirements of Appendix 4 of Planning for Bush Fire Protection 2019. When establishing and maintaining an IPA the following requirements apply:

- tree canopy cover should be less than 15% at maturity;
- trees at maturity should not touch or overhang the building;
- lower limbs should be removed up to a height of 2m above the ground;
- tree canopies should be separated by 2 to 5m;
- preference should be given to smooth barked and evergreen trees;
- large discontinuities or gaps in vegetation should be provided to slow down or break the progress of fire towards buildings;
- shrubs should not be located under trees;
- shrubs should not form more than 10% ground cover;

- clumps of shrubs should be separated from exposed windows and doors by a distance of at least twice the height of the vegetation.
- grass should be kept mown (as a guide grass should be kept to no more than 100mm in height); and
- leaves and vegetation debris should be removed.

### **Construction Standards**

The intent of measures is that buildings are designed and constructed to withstand the potential impacts of bush fire attack. To achieve this, the following conditions shall apply:

- Any new works within the southern elevation of the proposed Bedroom 4 and 5 and Garage shall be constructed to comply with Section 3 and Section 6 - BAL 19 of A.S. 3959 - 2018 Construction of Buildings in Bushfire Prone Areas’.
- Any new works to the existing building and new Covered Terrace/Covered Walkway and Toilet/Bin Storage shall be constructed to comply with Section 3 and Section 5 (BAL 12.5) of A.S. 3959 - 2018 - ‘Construction of Buildings in Bushfire Prone Areas.’

### **Water and Utility Services**

The intent of measures is to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities. To achieve this, the following conditions shall apply:

The provision of water, electricity and gas must comply the following in accordance with Table 7.4a of Planning for Bush Fire Protection 2019:

- reticulated water is to be provided to the development where available;
- all above-ground water service pipes external to the building are metal, including and up to any taps;
- where practicable, electrical transmission lines are underground;
- where overhead, electrical transmission lines are proposed as follows:
- lines are installed with short pole spacing (30m), unless crossing gullies, gorges or riparian areas; and
- no part of a tree is closer to a power line than the distance set out in accordance with the specifications in ISSC3 Guideline for Managing Vegetation Near Power Lines.
- reticulated or bottled gas is installed and maintained in accordance with AS/NZS 1596:2014 and the requirements of relevant authorities, and metal piping is used;
- all fixed gas cylinders are kept clear of all flammable materials to a distance of 10m and shielded on the hazard side;
- connections to and from gas cylinders are metal;
- polymer sheathed flexible gas supply lines are not used; and -
- above-ground gas service pipes are metal, including and up to any outlets.

### **Landscaping Assessment**

The intent of measures is to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities. To achieve this, the following conditions shall apply:

- Landscaping within the required asset protection zone must comply with Appendix 4 of
- Planning for Bush Fire Protection 2019. In this regard, the following principles are to be incorporated:
- A minimum 1-metre-wide area, suitable for pedestrian traffic, must be provided around the immediate curtilage of the building;
- Planting is limited in the immediate vicinity of the building;
- Planting does not provide a continuous canopy to the building (i.e., trees or shrubs are isolated or located in small clusters);
- Landscape species are chosen to ensure tree canopy cover is less than 15% (IPA), and less than 30% (OPA) at maturity and trees do not touch or overhang buildings;
- Avoid species with rough fibrous bark, or which retain/shed bark in long strips or retain dead material in their canopies;
- Use smooth bark species of trees species which generally do not carry a fire up the bark into the crown;
- Avoid planting of deciduous species that may increase fuel at surface/ ground level (i.e., leaf litter);
- Avoid climbing species to walls and pergolas;
- Locate combustible materials such as woodchips/mulch, flammable fuel stores away from the building;
- Locate combustible structures such as garden sheds, pergolas and materials such as timber garden furniture away from the building; and
- Low flammability vegetation species are used.

(Reason: To ensure compliance with the requirement of the NSW Rural Fire Service)

#### **Cigarette Butt Receptacle**

- E2. A cigarette butt receptacle is to be provided on the site for the duration of excavation/demolition/construction process, for convenient use of site workers.

(Reason: To ensure adequate provision is made for builders' waste)

#### **Reuse of Sandstone**

- E3. Sandstone blocks (if any) removed from the site are to be either stored for re-use on site or offered to Council in the first instance.

Note: The provisions of the Heritage Act may also apply to altering any sandstone elements on any site.

(Reason: To allow for preservation of cultural resources within the North Sydney Council area)

#### **Parking Restrictions**

- E4. Existing public parking provisions in the vicinity of the site must be maintained at all times during works. The placement of any barriers, traffic cones, obstructions or other device in the road shoulder or kerbside lane is prohibited without the prior written consent of Council. Changes to existing public parking facilities/restrictions must be approved by the North Sydney Local Traffic Committee. The Developer will be held responsible for any breaches of this condition and will incur any fines associated with enforcement by Council regulatory officers.

(Reason: To ensure that existing kerbside parking provisions are not compromised during works)

### **Road Reserve Safety**

- E5. All public footways and roadways fronting and adjacent to the site must be maintained in a safe condition at all times during the course of the development works, with no obstructions caused to the said footways and roadways. Construction materials and plant must not be stored in the road reserve without approval of Council. A safe pedestrian circulation route and a pavement/route free of trip hazards must be maintained at all times on or adjacent to any public access ways fronting the construction site.

Where public infrastructure is damaged, repair works must be carried out in when and as directed by Council officers (at full Developer cost). Where pedestrian circulation is diverted on to the roadway or verge areas, clear directional signage and protective barricades must be installed in accordance with AS1742-3 (1996) "Traffic Control Devices for Work on Roads". **If pedestrian circulation is not satisfactorily maintained across the site frontage, and action is not taken promptly to rectify the defects, Council may undertake proceedings to stop work.**

(Reason: Public Safety)

### **Temporary Disposal of Stormwater Runoff**

- E6. During construction, stormwater runoff must be disposed in a controlled manner that is compatible with the erosion and sediment controls on the site. Immediately upon completion of any impervious areas on the site (including roofs, driveways, paving) and where the final drainage system is incomplete, the necessary temporary drainage systems must be installed to reasonably manage and control runoff as far as the approved point of stormwater discharge. Such ongoing measures must be to the satisfaction of the Certifying Authority.

(Reason: Stormwater control during construction)

### **Geotechnical Stability during Works**

- E7. A contractor with specialist excavation experience must undertake the excavations for the development and a suitably qualified and consulting geotechnical engineer must oversee the excavation procedure.

Geotechnical aspects of the development work, namely appropriate excavation method and vibration control, support and retention of excavated faces, and hydrogeological considerations must be undertaken in accordance with the recommendations of the Geotechnical Assessment Report prepared by AssetGeoEnviro, dated 25/07/2022, and all subsequent geotechnical inspections carried out during the excavation and construction phase.

Approval must be obtained from all affected property owners, including North Sydney Council where rock anchors (both temporary and permanent) are proposed below adjacent private or public property.

(Reason: Ensure appropriate professional are engaged at appropriate stages during construction)

### **Council Inspection of Public Infrastructure Works**

- E8. During the works on public infrastructure reverting to Council's care and control, Council's development engineer may undertake inspections of the works at the following hold points:

- Formwork for layback, kerb/gutter, footpath, etc.
- Formwork and reinforcement for in-situ stormwater pits,

- Pipe connections prior to backfilling.

All works must proceed in accordance with Roads Act 1993 approvals or other permits relating to roads issued by Council. A minimum of 48 hours' notice must be given to Council to book an inspection. Work must not proceed until the works or activity covered by the inspection is approved.

(Reason: To ensure quality of construction joints and connections in the drainage system)

### **Removal of Extra Fabric**

- E9. Should any portion of the existing building, trees, or curtilage of the site which is indicated on the approved plans to be retained be damaged for whatever reason, all the works in the area of the damaged portion are to cease and written notification of the damage is to be given to Council forthwith. No work is to resume until the written approval of Council to do so is obtained. Failure to comply with the provisions of this condition may result in the Council taking further action including legal proceedings if necessary.

(Reason: To ensure compliance with the terms of this development consent)

### **Dust Emission and Air Quality**

- E10. The following must be complied with at all times:

- (a) Materials must not be burnt on the site.
- (b) Vehicles entering and leaving the site with soil or fill material must be covered.
- (c) Dust suppression measures must be carried out to minimise wind-borne emissions in accordance with the NSW Department of Housing's 1998 guidelines - Managing Urban Stormwater: Soils and Construction.
- (d) Odour suppression measures must also be carried out where appropriate so as to prevent nuisance occurring at adjoining properties.

(Reason: To ensure residential amenity is maintained in the immediate vicinity)

### **Noise and Vibration**

- E11. The works must be undertaken in accordance with the "Interim Construction Noise Guideline," published by the NSW Environment Protection Authority, to ensure excessive levels of noise and vibration do not occur so as to minimise adverse effects experienced on any adjoining land.

(Reason: To ensure residential amenity is maintained in the immediate vicinity)

### **No Work on Public Open Space**

- E12. No work can be undertaken within adjoining public lands (i.e., Parks, Reserves, Roads etc) without the prior written consent of Council. In this regard the developer is to liaise with Council prior to the commencement of any design works or preparation of a Construction and Traffic Management Plan.

(Reason: Protection of existing public infrastructure and land and to ensure public safety and proper management of public land)

**Developer's Cost of Work on Council Property**

E13. The developer must bear the cost of all works associated with the development that occurs on Council's property, including the restoration of damaged areas.

(Reason: To ensure the proper management of public land and funds)

**No Removal of Trees on Public Property**

E14. No trees on public property (footpaths, roads, reserves, etc.) unless specifically approved by this consent shall be removed or damaged during construction including for the erection of any fences, hoardings or other temporary works.

(Reason: Protection of existing environmental infrastructure and community assets)

**Protection of Trees**

E15. All trees required to be retained, as part of this consent must be protected from any damage during construction works in accordance with AS4970-2009. All recommendations contained within the tree report prepared by Martin Peacock dated 25/8/22, must be implemented for the duration of the works.

In the event that any tree required to be retained is damaged during works on the site, notice of the damage must be given to Council forthwith.

Notes:

- a. If the nominated tree is damaged to a significant degree or removed from the site without prior written approval being obtained from Council, the issuing of fines or legal proceedings may be commenced for failure to comply with the conditions of this consent.
- b. An application to modify this consent pursuant to Section 4.55 of *the Environmental Planning and Assessment Act 1979* will be required to address the non-compliance with any of the conditions of consent relating to the retention of nominated trees, and Council may require tree replenishment.

(Reason: Protection of existing environmental infrastructure and community assets)

**Trees to be Removed**

E16. All trees on the site must be protected and retained save for those expressly identified below as being approved for removal:

<b>Tree species that are acceptable for removal</b>	<b>Location</b>	<b>Height/s</b>
T1 <i>Lagerstroemia indica</i>	North-western corner of No. 1 Shirley Road	3m x 4m
T2 <i>Camelia japonica</i>	North-western corner of No. 1 Shirley Road	3m x 4m
T3 <i>Dracena</i>	Eastern setback of No. 1 Shirley Road	6m x 5m
T5 <i>Malus species</i>	Western setback of No. 1 Shirley Road	6m x 5m
T7 <i>Lagerstroemia indica</i>	Western setback of No. 1 Shirley Road	4m x 4m

(Reason: To ensure compliance with the terms of this development consent)



**Special Permits**

E17. Unless otherwise specifically approved in writing by Council, all works, processes, storage of materials, loading and unloading associated with the development must occur entirely on the property.

The developer, owner or builder may apply for specific permits available from Council's Customer Service Centre for the undermentioned activities on Council's property. In the event that a permit is granted by Council for the carrying out of works, processes, storage of materials, loading and unloading associated with the development on Council's property, the development must be carried out in accordance with the requirements of the permit. A minimum of forty-eight (48) hours' notice is required for any permit:

**1) On-street mobile plant**

E.g., cranes, concrete pumps, cherry-pickers, etc. - restrictions apply to the hours of operation, the area of operation, etc. Separate permits are required for each occasion and each piece of equipment. It is the developer's, owner's and builder's responsibilities to take whatever steps are necessary to ensure that the use of any equipment does not violate adjoining property owner's rights.

(Reason: Proper management of public land)

**2) Hoardings**

Permits are required to erect Class A and Class B hoardings. If an 'A' Class hoarding is to alienate a section of Council's property, that section will require a permit for the occupation of Council's property.

(Reason: Proper management of public land)

**3) Storage of building materials and building waste containers (skips) on Council's property**

Permits to utilise Council property for the storage of building materials and building waste containers (skips) are required for each location. Failure to obtain the relevant permits will result in the building materials or building waste containers (skips) being impounded by Council with no additional notice being given. Storage of building materials and waste containers on open space reserves and parks is prohibited.

(Reason: Proper management of public land)

**4) Kerbside restrictions, construction zones**

Attention is drawn to the existing kerbside restrictions adjacent to the development. Should alteration of existing kerbside restrictions be required, or the provision of a construction zone, the appropriate application must be made and the fee paid to Council. Alternatives to such restrictions may require referral to Council's Traffic Committee and may take considerable time to be resolved. An earlier application is suggested to avoid delays in construction programs.

(Reason: Proper management of public land)

**Noxious Plants**

E18. All lantana, privet, rubber trees, asthma weed, and other declared noxious plants on the site, must be eradicated before the commencement of landscape works.

(Reason: To ensure that plants identified as weed species are not allowed to proliferate or interfere with a quality landscaping outcome)

**Construction Hours**

E19. Construction activities and works approved under this consent must be carried out only within the hours stipulated in the following table:

Location	Standard Construction Hours	
	Day	Hours
All Other Zones	Monday - Friday	7.00 am - 5.00 pm
	Saturday	8.00 am - 1.00 pm
	Sunday, Public holiday	No work permitted

Construction activities for development approved under this consent must be carried out in accordance with the standard construction hours above and any Construction Noise Management Plan required under this consent.

In the event of breach to the approved hours of construction Council take may take enforcement action under Part 9 of the EP&A Act 1979 and in accordance with Council’s adopted Compliance and Enforcement Policy.

(Reason: To ensure that works do not interfere with reasonable amenity expectations of residents and the community)

**Installation and Maintenance of Sediment Control**

E20. Erosion and sediment controls must be installed and maintained at all times in accordance with the Sediment and erosion control plan submitted and approved with the Construction Certificate.

Erosion and sediment measures must be maintained in accordance with the publication Managing Urban Stormwater: Soils and Construction (4th edition, Landcom, 2004), commonly referred to as the “Blue Book” and can only be removed when development activities have been completed and the site fully stabilised.

(Reason: To protect the environment from the effects of sedimentation and erosion from development sites)

**Sediment and Erosion Control Signage**

E21. A durable sign must be erected during building works in a prominent location on site, warning of penalties should appropriate erosion and sedimentation control devices not be maintained. A sign of the type referred to in this condition is available from Council.

(Reason: To protect the environment from the effects of sedimentation and erosion from development sites)

**Archaeological Discovery During Works**

E22. Should any historical or Aboriginal relic be discovered on the site during demolition, excavation or site preparatory works, all excavation or disturbance to the area is to stop immediately and the Heritage Council of NSW must be informed in accordance with the provisions of the Heritage Act 1977 and/or National Parks and Wildlife Act, 1974. Works must not recommence until such time as approval to recommence is given in writing by Council or a permit from the Director of the NPWS is issued.

(Reason: To prevent the unnecessary destruction or removal of unrecorded historical or Aboriginal relics)

**Prohibition on Use of Pavements**

E23. Building materials must not be placed on Council's footpaths, roadways, parks or grass verges, (unless a permit is obtained from Council beforehand). A suitable sign to this effect must be erected adjacent to the street alignment.

(Reason: To ensure public safety and amenity on public land)

**Plant and Equipment Kept Within Site**

E24. All plant and equipment used in the undertaking of the development/ works, including concrete pumps, wagons, lifts, mobile cranes, hoardings etc, must be situated within the boundaries of the site (unless a permit is obtained from Council beforehand) and so placed that all concrete slurry, water, debris and the like must be discharged onto the building site, and is to be contained within the site boundaries.

Details of Council requirements for permits on public land for standing plant, hoardings, storage of materials and construction zones and the like are available on Council's website at [www.northsydney.nsw.gov.au](http://www.northsydney.nsw.gov.au).

(Reason: To ensure public safety and amenity on public land)

**Imported Fill Material**

E25. The only waste derived fill material that may be received at the development site is:

- a) Virgin excavated natural material (within the meaning of the Protection of the Environment Operations Act 1997); and
- b) Any other waste-derived material the subject of a resource recovery exemption under cl. 51A of the Protection of the Environment Operations (Waste) Regulation 2005 that is permitted to be used as fill material.

Any waste-derived material the subject of a resource recovery exemption received at the development site, must be accompanied by documentation as the material's compliance with the exemption conditions and must be provided to the Certifying Authority on request.

(Reason: To ensure that imported fill is of an acceptable standard for environmental protection purposes)

**Waste Disposal**

E26. All records demonstrating the lawful disposal of waste must be retained and kept readily accessible for

inspection by regulatory authorities such as North Sydney Council and the Environmental Protection Authority.

(Reason: To ensure the lawful disposal of construction and demolition waste)

#### **Asbestos Removal**

E27. All demolition works involving the removal and disposal of asbestos cement must only be undertaken by contractors who hold a current WorkCover Asbestos or "Demolition Licence" and a current WorkCover "Class 2 (Restricted) Asbestos Licence and removal must be carried out in accordance with National Occupational Health and Safety Commission.

(Reason: To ensure works are carried out in accordance with relevant WorkCover requirements)

#### **F. Prescribed Conditions imposed under EP&A Act and Regulations and other relevant Legislation**

##### **National Construction Code**

F1. All building work must be carried out in accordance with the provisions of the National Construction Code.

(Reason: Prescribed - Statutory)

##### **Home Building Act**

F2. 1) Building work that involves residential building work (within the meaning and exemptions provided in the Home Building Act 1989) for which the *Home Building Act 1989* requires there to be a contract of insurance under Part 6 of that Act must not be carried out unless the Principal Certifying Authority for the development to which the work relates has given North Sydney Council written notice of the contract of insurance being issued and of the following:

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,  
or

(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.

2) If arrangements for doing residential building work are changed while the work is in progress such that the information submitted to Council in accordance with this conditions is out of date, work must cease and no further work may be carried out unless the Principal Certifying Authority for the development to which the work relates (not being the Council), has given the Council written notice of the updated information.

Note: A certificate purporting to be issued by an approved insurer under Part 6 of the Home Building Act 1989 that states that a person is the holder of an insurance policy issued for the purposes

of that Part is, for the purposes of this clause, sufficient evidence that the person has complied with the requirements of that Part.

(Reason: Prescribed - Statutory)

**Appointment of a Principal Certifying Authority (PCA) F3**

F3. Building work, demolition or excavation in accordance with the development consent must not be commenced until the developer has appointed a Principal Certifying Authority for the building work in accordance with the provisions of the EP&A Act and its Regulations.

(Reason: Statutory: To ensure appropriate safeguarding measures are in place prior to the commencement of any building work, demolition or excavation)

**Construction Certificate F4**

F4. Building work, demolition or excavation in accordance with the development consent must not be commenced until a Construction Certificate for the relevant part of the building work has been issued in accordance with the provisions of the EP&A Act and its Regulations.

(Reason: Statutory: To ensure appropriate safeguarding measures are in place prior to the commencement of any building work, demolition or excavation)

**Occupation Certificate F5**

F5. A person must not commence occupation or use of the whole or any part of a new building (*new building* includes an altered portion of, or an extension to, an existing building) unless an Occupation Certificate has been issued in relation to the building or part. Only the Principal Certifying Authority appointed for the building work can issue an Occupation Certificate.

(Reason: Statutory)

**Critical Stage Inspections F6**

F6. Building work must be inspected by the Principal Certifying Authority on the critical stage occasions prescribed by the EP&A Act and its Regulations, and as directed by the appointed Principal Certifying Authority.

(Reason: Statutory)

**Commencement of Works F7**

F7. Building work, demolition or excavation in accordance with this development consent must not be commenced until the developer has given at least two (2) days' notice to North Sydney Council of the person's intention to commence the erection of the building.

(Reason: Statutory: To ensure appropriate safeguarding measures are in place prior to the commencement of any building work, demolition or excavation)

**Excavation/Demolition F8**

- F8. 1) All excavations and backfilling associated with the erection or demolition of a building must be executed safely and in accordance with appropriate professional standards.
- 2) All excavations associated with the erection or demolition of a building must be properly guarded and protected to prevent them from being dangerous to life or property.
- 3) Demolition work must be undertaken in accordance with the provisions of AS2601- Demolition of Structures.

(Reason: To ensure that work is undertaken in a professional and responsible manner and protect adjoining property and persons from potential damage)

**Protection of Public Places F9**

- F9. 1) A hoarding and site fencing must be erected between the work site and adjoining public place.
- 2) If necessary, an awning is to be erected, sufficient to prevent any substance from, or in connection with, the work falling into the public place.
- 3) The work site must be kept lit between sunset and sunrise if it is likely to be hazardous to persons in the public place.
- 4) Any such hoarding, fence or awning is to be removed when the work has been completed.
- 5) No access across public reserves or parks is permitted.

Note: Prior to the erection of any temporary fence or hoarding over property owned or managed by Council, written approval must be obtained. Any application needs to be accompanied by plans indicating the type of hoarding and its layout. Fees are assessed and will form part of any approval given. These fees must be paid prior to the approval being given. Approval for hoardings will generally only be given in association with approved building works, maintenance or to ensure protection of the public. An application form for a Hoarding Permit can be downloaded from Council's website.

(Reason: To ensure public safety and the proper management of public land)

**Site Sign**

- F10. 1) A sign must be erected in a prominent position on the site
- a) stating that unauthorised entry to the work site is prohibited;
- b) showing the name of the principal contractor (or person in charge of the work site), and a telephone number at which that person may be contacted at any time for business purposes and outside working hours; and
- c) showing the name, address and telephone number of the Principal Certifying Authority for the work.
- 2) Any such sign must be maintained while to building work or demolition work is being carried out but must be removed when the work has been completed.

(Reason: Prescribed - Statutory)

**G. Prior to the Issue of an Occupation Certificate**

**Infrastructure Repair and Completion of Works**

G1. Prior to the issue of any Occupation Certificate any and all works relating to the development:

- a. in the road reserve must be fully completed; and
- b. to repair and make good any damaged public infrastructure caused as a result of any works relating to the development (including damage caused by, but not limited to, delivery vehicles, waste collection, contractors, sub-contractors, concrete vehicles) must be fully repaired;

to the satisfaction of Council Engineers at no cost to Council.

(Reason: Maintain quality of public assets)

**Certification - Civil Works**

- G2. a) An appropriately qualified and practising Civil Engineer must certify to the Certifying Authority that the stormwater drainage system is constructed in accordance with this consent and the provisions of the applicable Australian Standard. A copy of the certificate must be submitted to Council (if it is not the Certifying Authority) upon completion of the development works and prior to the issue of an Occupation Certificate.
- b) An appropriately qualified and practicing Civil Engineer must certify to the Certifying Authority that the vehicular crossing and associated works and road works were constructed in accordance with this consent and any approval for works in the road reserve issued by the Council. A copy of the certificate must be submitted to Council (if it is not the Certifying Authority), upon completion of the development works and prior to the issue of an Occupation Certificate.

(Reason: Compliance with the Consent)

**Works as Executed Drawings and Video**

G3. A works-as-executed survey drawing (W.A.E.) of the completed stormwater drainage system must be obtained. The W.A.E. survey drawing must show the alignment, depth and grade of the stormwater drainage pipelines, pits and ancillary plumbing. The W.A.E. survey drawing must be reviewed by a qualified and practising civil engineer and certification provided to the Certifying Authority that the as-built system achieves the design intent of the plans approved with the Construction Certificate. Certification must be provided with the W.A.E. survey drawing to the Certifying Authority prior to the issue of an Occupation Certificate.

CCTV inspection of conduits, that revert to the care and control of the Council, shall be conducted in accordance with the Conduit Inspection Reporting Code of Australia WSA 05-2013.

The camera, transportation unit, distance measuring devices, illumination systems and ancillary equipment shall be used suitable for the conduit size, material and conditions under which the inspection is undertaken.

The camera shall be steerable and be able to negotiate bends within the drainage pipe. The use of a pushrod camera may only be acceptable for pipe diameters less than 150mm or where a steerable camera cannot navigate.

A colour camera shall be used which has remotely operated automatic and/or manual adjustment of the focus and iris to allow optimum picture quality to be achieved.

The camera lens shall be capable of viewing the extremities of the conduit and panning and or tilting to view the lateral connections and defects or features at any position around the conduit regardless of the direction of travel of the camera in the main conduit.

The adjustment of focus and iris shall provide a focal range from 15 mm to infinity. The distance along the conduit in focus from the initial point of observation shall be a minimum of four times the vertical height of the conduit.

Where required, specialised instruments, apparatus and/or software shall be used to facilitate the measurement of parameters to determine acceptance. Hardware and software used in measuring the parameters shall be correctly calibrated for each application using the manufacturer's methods.

For circular or regular-shaped conduits, the camera shall be positioned centrally,  $\pm 10\%$  of the vertical and horizontal diameter, within the conduit.

A copy of the WAE survey drawing, certification and CCTV inspection footage must be submitted to the Council if it is not the Certifying Authority.

(Reason: Compliance with the Consent)

#### **Pool Access**

- G4. Access to the pool must be restricted by a child resistant barrier in accordance with the regulations prescribed in the Swimming Pools Act 1992, and the requirements of the applicable Australian Standard. The pool must not be filled with water or be allowed to collect stormwater until the installation of the child resistant barrier is completed. Certification from an appropriately qualified person confirming compliance with these requirements must be provided prior to the issuing of any Occupation Certificate.

(Reason: To ensure that any person acting upon this consent is aware of their obligations under the provisions of the Swimming Pools Act)

#### **Pool Safety Requirements**

- G5. A notice must be displayed in a prominent position in the immediate vicinity of the pool at all times showing:
- a) Appropriate instructions of artificial resuscitation methods.
  - b) A warning stating:
    - (i) "YOUNG CHILDREN SHOULD BE SUPERVISED WHEN USING THIS SWIMMING POOL," and
    - (ii) "POOL GATES MUST BE KEPT CLOSED AT ALL TIMES," and



- (iii) "KEEP ARTICLES, OBJECTS AND STRUCTURES AT LEAST 900 MILLIMETRES CLEAR OF THE POOL FENCE AT ALL TIMES."

Details demonstrating compliance are to be provided with any Occupation Certificate issued for the pool.

This notice must be kept in a legible condition and at the poolside.

(Reason: To ensure an adequate level of safety for young pool users)

#### **Damage to Adjoining Properties**

- G6. All precautions must be taken to prevent any damage likely to be sustained to adjoining properties. Adjoining owner property rights and the need for owner's permission must be observed at all times, including the entering onto land for the purpose of undertaking works.

(Reason: To ensure adjoining owner's property rights are protected)

#### **Certification of Tree Condition**

- G7. Prior to the issue of an Occupation Certificate, a report prepared by an appropriately qualified person (being an arborist or the like) must be submitted to the Certifying Authority, describing the health of the tree(s) specifically nominated below:

<b>Tree Species</b>	<b>Location</b>	<b>Height/s</b>
3 x <i>Lagerstroemia indica</i>	Council verge in front of No. 1 Shirley Road	4m
3 x <i>Callistemon viminalis</i>	Council verge in front of No. 1 Shirley Road	To 10m
1 x <i>Plumeria acutifolia</i>	Southern setback in No.1 Shirley Road	3m x 6m
1 x <i>Magnolia x soulangeana</i>	Front setback in No. 1 Shirley Road	6m x 8m
4 x <i>Cupressocyparis leylandii</i>	Western setback in No. 2 Tryon Avenue	-
1 x <i>Glochidion ferdinandii</i>	Western setback (front) in No. 2 Tryon Avenue	7m x 8m

The report must detail the condition and health of the nominated tree(s) upon completion of the works and shall certify that the tree(s) has/have not been significantly damaged during the works on the site and has/have reasonable prospects for survival.

(Reason: To ensure compliance with the terms of this consent)

#### **BASIX Completion Certificate**

- G8. In accordance with Section 45 of the Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021, prior to issuing a final occupation certificate, the Principal Certifier must provide a BASIX completion receipt.

(Reason: To ensure compliance with the Regulations)

**Landscaping**

G9. The owner/s of the premises at No. 1 Shirley Rd is to maintain the landscaping approved by this consent. Any replacement plants required shall be advanced in growth and be selected to maintain the anticipated mature height, canopy density and nature of those plant species as originally approved.

(Reason: To ensure maintenance of the amenity, solar access and views of adjoining properties)

**Damage to Adjoining Properties**

G10. On completion of the development the subject of this consent and prior to the issue of the Occupation Certificate, a report is to be prepared by an appropriately qualified consultant and is to be provided to the Certifying Authority (and a copy to Council if it is not the Certifying Authority) certifying:

- a) whether any damage to adjoining properties has occurred as a result of the development;
- b) the nature and extent of any damage caused to the adjoining property as a result of the development;
- c) the nature and extent of works required to rectify any damage caused to the adjoining property as a result of the proposed development;
- d) the nature and extent of works carried out to rectify any damage caused to the adjoining property as a result of the development; and
- e) the nature and extent of any agreements entered into for rectification of any damage caused to the adjoining property as a result of the development.

The report and certification must reference the dilapidation survey and reports required to be provided to the Certifying Authority in accordance with this consent.

Where works required to rectify any damage caused to adjoining property as a result of the development identified in the report and certification have not been carried out, a satisfactory agreement for rectification of the damage is to be made with the affected person/s as soon as possible prior to the issue of an Occupation Certificate.

All costs incurred in achieving compliance with this condition shall be borne by the developer.

(Reason: To ensure adjoining owner's property rights are protected in so far as possible)

**Unpaved Verge**

G11. The unpaved verge area must be constructed/reconstructed with an appropriate species of grass prior to completion of the works at no cost to Council.

(Reason: To ensure that community assets are presented in accordance with reasonable community expectations)

***I. Ongoing/Operational Conditions***

**Pool Filter**

11. The swimming pool pump installed at the premises must not operate so as to:
- (a) emit a noise that is audible within a habitable room in any affected residence (regardless of whether any door or window to that room is open);
    - (j) before 8.00 am and after 8.00 pm on any Sunday or Public Holiday; or
    - (ii) before 7.00 am or after 8.00 pm on any other day
  - (b) cause an LAeq(15min) which exceeds the RBL background noise level by more than 5dB when measured at the boundary of any affected residence. The modifying factor adjustments in Section 4 of the EPA Industrial Noise Policy shall be applied.

“affected residence” includes residential premises (including any lot in the strata scheme or another strata scheme), premises for short-term accommodation and hospitals.

“boundary” includes any window or elevated window of an affected residence.

Terms in this condition have the same meaning as in the Noise Guide for Local Government and the Industrial Noise Policy published by the NSW Environment Protection Authority.

(Reason: To ensure noise generated by equipment does not result in offensive noise)

**Single Occupancy**

12. Nothing in this consent authorises the use of the premises other than for a single occupancy.

(Reason: To ensure compliance with the terms of this consent)

**Minimum Headroom for Car Parking**

13. Minimum headroom of 2.2 m must be provided over all car-parking areas.

(Reason: To ensure compliance with relevant standards and provide appropriate headroom)

**Maintenance of Approved Landscaping**

14. The owner of the premises at 1 Shirley Road is to maintain the landscaping approved by this consent generally in accordance with drawing number/s DA309 dated 7 February 2023 and as modified by conditions C1 and E1.

Any replacement plants required shall be advanced in growth and be selected to maintain the anticipated mature height, canopy density and nature of those plant species as originally approved.

Should it be desired to substitute plants which are not of the same mature height, canopy density and nature (particularly flowering for non-flowering, native for exotic, deciduous for nondeciduous or the reverse of any these) a modification to this consent will be required.

(Reason: To ensure maintenance of the amenity, solar access and views of adjoining properties)