

# STATEMENT OF ENVIRONMENTAL EFFECTS



**Applicant:**  
Clarendon Homes  
21 Solent Circuit  
NORWEST NSW 2153

**Site Address:**  
Lot 316 DP 738212  
28 Carawa Road  
CROMER NSW 2099

Construction of a Two Storey Dwelling.

## INTRODUCTION

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This Statement of Environmental Effects is submitted to Northern Beaches Council in accordance with the Environmental Planning and Assessment Act 1979, in support of a development application for the erection of a new two storey dwelling containing four (4) bedrooms, upper leisure, study, home theatre, and open family and meals room, along with an attached garage and outdoor alfresco dining area.

The site is slightly irregular in shape, with a primary frontage to Carawa Road and a total land area of 863.5m<sup>2</sup>. The lot currently contains an existing dwelling to be demolished, with several trees requiring removal to appropriately site the proposed dwelling.

The site has an irregular, moderate fall across the site, with drainage to be directed to the street via a rainwater tank and OSD as per the Hydraulic Details.

The neighbourhood generally consists of a mix of residential dwellings of one and two storey construction as anticipated within an existing residential area.

The proposed dwelling will contribute positively to the surrounding area and the streetscape of Carawa Road.

## ENVIRONMENTAL EFFECTS

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The following sections address the matters for consideration as listed in Section 4.15 of the Environmental Planning & Assessment Act 1979. A comment is provided against each relevant matter.

This Statement of Environmental Effects addresses the following relevant Environmental Planning Instruments:

- Warringah Local Environmental Plan 2011
- Warringah Development Control Plan 2011

## 4.15 EVALUATION

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### (1) Matters for Consideration – general:

#### (a)(i) Relevant environmental planning instruments

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#### **Warringah Local Environmental Plan 2011**

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The LEP is divided into several Parts and the relevant provisions that apply to the subject development are listed, together with a comment with respect to compliance.

The subject site is zoned R2 Low Density Residential pursuant to Clause 2.1 of Warringah Local Environmental Plan 2011.

The proposed development is defined in the plan as a ‘*dwelling house*’, being ‘*a building containing only one dwelling*’.

The identified zone permits the construction of a ‘*dwelling house*’ subject to development consent from Council.

#### Clause 2.3      Zone objectives and land use table

The objectives of the R2 Zone are:

- *To provide for the housing needs of the community within a low-density residential environment.*
- *To enable other land uses that provide facilities or services to meet the day to day needs of residents.*
- *To ensure that low density residential environments are characterised by landscaped settings that are in harmony with the natural environment of Warringah.*

The proposed development is for a low density residential dwelling, being compatible with the existing and future character of the locality. The dwelling is designed to provide a high level of amenity for its residents whilst considering the natural constraints of the site. The proposed dwelling is considered to meet the objectives of the R2 Zone.

#### Clause 4.3      Height of Buildings

Requirement	Provision	Compliance
8.5m	8.233m	Yes

#### Clause 4.6      Exceptions to development standards

The development does not contravene any development standards with in the LEP.

#### Clause 5.10 Heritage Conservation

Upon reference to Schedule 5 in relation to local, State or Regional items of heritage significance including conservation areas, it was revealed that the subject property was not identified as having heritage significance, nor within the vicinity of heritage items.

#### Clause 5.11 Bush fire hazard reduction

The subject site is not identified to be bushfire prone land.

#### Clause 7.1 Acid Sulfate Soils

The subject property is not identified as affected by Acid Sulphate Soils.

#### Clause 7.3 Flood Planning

The subject site has not been identified as being within a flood planning area.

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#### Conclusion with respect to LEP requirements

The proposal is considered to generally satisfy the relevant objectives and development standards relating to dwelling houses as contained within WLEP 2011.

#### **(a)(ii) Relevant draft environmental planning instruments**

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There are no draft environmental planning instruments that would prevent the subject development from proceeding.

**(a)(iii) Relevant development control plans**

**Warringah Development Control Plan 2011**

**PART B BUILT FORM CONTROLS**

<i>Requirement</i>	<i>Provision</i>	<i>Compliance</i>
<i>B1 – Wall heights</i> Max. wall height 7.2m existing ground to upper ceiling.	<7.2m max. wall height.	Yes
<i>B2 - Number of Storeys</i> Max. no. storeys shown on DCP No. Storeys map.	Two storeys.	Yes
<i>B3 - Side Boundary Envelope</i> Side boundary envelope 45° & 4m or <b>5m</b> from existing ground (refer DCP Map) Encroachment of the fascia, gutters, eaves permitted.	Dwelling entirely within building footprint.	Yes
<i>B4 - Site Coverage</i> Site coverage as per Site Coverage Map	N/A	N/A
<i>B5 – Side Boundary Setbacks</i> As per DCP Side Boundary Setbacks map: - 0.9m.	Min. 0.95m provided.	Yes
<i>B6 - Merit Assessment of Side Boundary Setbacks</i> for sites shown on map.	N/A	N/A
<i>B7 – Front Boundary Setbacks</i> As per DCP Front Boundary Setbacks map: - 6.5m.  Corner allotments in R2 and R3 Zones: Where the min. front setback is 6.5m on both frontages the secondary street setback can be reduced to 3.5m	27.539m to porch.  N/A	Yes  N/A

<i>B8 - Merit Assessment of Front Boundary Setback</i> for sites shown on map.	N/A	N/A
<i>B9 - Rear Boundary Setbacks</i> As per DCP Rear Boundary Setbacks map: - 6m.  Corner lots on R2/R3 Zones with 6m rear boundary requirements not applicable.	Min. 12.8m.  N/A	Yes  N/A
<i>B10 - Merit Assessment of Rear Boundary Setback</i> for sites shown on map.	N/A	N/A
<i>B11 - Foreshore Building Setback</i> As per the map - 15m	N/A	N/A
<i>B12 - National Parks Setback</i> As per the map - 20m	N/A	N/A
<i>B13 - Coastal Cliffs Setback</i> as per map.	N/A	N/A
<i>B14 - Main Roads Setback</i> as per map.	N/A	N/A

## **PART C SITING FACTORS**

<i>Requirement</i>	<i>Provision</i>	<i>Compliance</i>
<i>C2 – Traffic, Access and Safety</i> Suitable vehicular access from a public road.	Access from public road provided.	Yes
<i>C3 – Parking Facilities</i> Garage/carport integrated into house design.	Garage integrated into the principal dwelling.	Yes
Laneways to provide rear access where possible.	N/A	N/A
Parking not to obscure views from dwelling to street.	N/A	N/A

Garage/carport opening max. 6m or 50% building width, whichever lesser.	Double garage door width 4.81m or 42.38%.	Yes
2 spaces per dwelling.	2 spaces provided within the attached garage.	Yes
<i>C4 – Stormwater</i> Suitable stormwater system for each site.	Stormwater as per Hydraulics.	Yes
<i>C5 – Erosion and Sedimentation</i> Erosion and Sedimentation controls to be in place.	Provided for consideration.	Yes
<i>C7 – Excavation and Landfill</i> Cut and fill not to impact neighbours.	Cut and fill appropriately minimised where possible due to topography of site through appropriate siting of dwelling to minimise impact on neighbours.	Yes
Clean fill only.	No imported fill proposed.	N/A
<i>C9 Waste Management</i> Waste Management Plan to be provided.	Provided.	Yes
Bin storage area to be allocated.	Adequate area available on site out of public view.	Yes

## **PART D      DESIGN**

<i>Requirement</i>	<i>Provision</i>	<i>Compliance</i>
<i>D1 – Landscape Open Space and Bushland Setting</i> Landscaped open space as per map soft landscape with min 2m width.  Subject site = 40%	42.2%, minimum dimension of >2m provided.	Yes

<p><i>D2 – Private Open Space</i></p> <p>POS area =</p> <p>1-2 bedrooms – 35m<sup>2</sup> min 3m width.</p> <p>3+ bedrooms – 60m<sup>2</sup> min 5m width.</p> <p>Direct access from living area.</p> <p>POS located behind building line.</p> <p>Maximise solar access &amp; privacy.</p>	<p>N/A</p> <p>&gt;60m<sup>2</sup>, with min. width 5m</p> <p>Accessible from family/ meals room.</p> <p>Behind building line.</p> <p>Appropriate level of solar access and privacy provided through the design, given the orientation of the lot and appropriate setbacks to living spaces.</p>	<p>N/A</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>
<p><i>D6 – Access to Sunlight</i></p> <p>Consider solar access &amp; ventilation in siting of dwelling.</p> <p>3hrs sunlight to 50%POS and glazed areas to living rooms between 9am &amp; 3pm.</p>	<p>Dwelling appropriately sited for the orientation of the allotment.</p> <p>Proposed and adjoining POS and living areas to receive appropriate level of solar access due to appropriate setbacks, height and articulation.</p>	<p>Yes</p> <p>Yes</p>
<p><i>D7 – Views</i></p> <p>View sharing to be considered.</p>	<p>No loss of views is anticipated.</p>	<p>Yes</p>
<p><i>D8 – Privacy</i></p> <p>Maintain privacy to adjoining properties.</p>	<p>Living areas predominantly orientated to front and rear POS areas. Suitable setbacks and landscaped area provided to maintain privacy.</p>	<p>Yes</p>
<p><i>D9 – Building Bulk</i></p> <p>Avoid large areas of continuous wall planes.</p> <p>Max. fill 1m and to remain within building footprint.</p> <p>Minimise excavation.</p> <p>Orientate dwelling to street.</p> <p>Use articulation and materials to reduce building mass.</p>	<p>Dwelling is not considered to have an excessive visual bulk.</p> <p>Max. &lt;1m fill, contained within building footprint.</p> <p>Excavation minimised where possible, not considered excessive for site considering the steep topography of the allotment.</p> <p>Dwelling addresses street.</p> <p>Suitable articulation and materials considered to have been provided for the site.</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>



<i>D10 – Building Colours and Materials</i> Colours finishes to blend with natural setting.	Earth tones provided.	Yes
<i>D11 – Roofs</i> Pitch to compliment streetscape.  Varied roof forms to be provided.  Eaves required.	Pitch in keeping with surrounding area.  Varied roof forms provided.  Eaves provided.	Yes  Yes  Yes
<i>D12 – Glare and Reflection</i> Materials to minimise glare.	Non-reflective materials proposed.	Yes
<i>D13 – Front fences and Front walls</i> Front fences 1.2m. Solid fences to be articulated and setback for landscaping. Provide casual surveillance (unless excessive noise requires blocking).  Gates to remain in boundary when open.	N/A	N/A
<i>D14 – Site facilities</i> Site Facilities – bin storage, clothes drying etc. to be provided	Proposed dwelling provides adequate area for site facilities.	Yes
<i>D15 – Side and Rear Fences</i> Side & Rear boundary fencing max. 1.8m measure from low side (can be averaged for sloping sites to allow regular steps).	Boundary fencing to be provided in accordance with Council's requirements.	Yes
<i>D16 – Swimming Pools &amp; Spas</i> Not within primary setback (2ndry setback OK for corner sites). Appropriate setback from trees.	N/A	N/A
<i>D19 – Site Consolidation requirements for the R3 &amp; IN1 Zones</i>	N/A	N/A

<i>D20 – Safety and Security</i> Casual surveillance of street & suitable lighting.	Casual surveillance of the street able to occur. View to entry approach available from large open entry, and upper leisure and habitable rooms.	Yes
<i>D22 – Conservation of Energy and Water</i> Design for water and energy conservation.	BASIX Certificate provided.	Yes

## **PART E THE NATURAL ENVIRONMENT**

<i>Requirement</i>	<i>Provision</i>	<i>Compliance</i>
<i>E3 – Threatened species, population, ecological communities</i> Minimise tree removal and protect remaining trees.	Several minor trees and shrubs are to be removed in order to appropriately site the proposed development. The tree removals are considered to be appropriate for the site and will be able to enhance the internal amenity of the residents. The removals are also proposed in order to site compliant front and rear setbacks, and adequate POS areas. The dwelling is also compliant with Council's landscaping requirements, with additional planting capable of being provided post construction, as well as any remaining vegetation to be retained.	For Councils Consideration.
Flora & Fauna assessment if native veg >100m <sup>2</sup> to be removed or veg removed from site in last 5 years.	N/A	N/A
<i>E7 – Development on land adj. public open space</i> Development adj public reserve to compliment character of reserve.  Casual surveillance of public reserve.	N/A	N/A

Landscaping to screen development		
<i>E8 - Waterways and Riparian Land</i> Waterway Impact Statement for works in waterway. Riparian Land Group A & Group B have specific requirements. APZ not to extend into such land.	N/A	N/A
<i>E9 - Coastline Hazard</i>	N/A	N/A
<i>E10 - Landslip Risk</i> As per the map.  Geotech required where indicated in DCP.	Landslip Risk identified as Area A. Preliminary assessment to be provided if requested by Council.	For Council's Consideration.
<i>E11 – Flood Prone Land</i> Flood Risk map indicates level. Requirements outlined in DCP.	N/A	N/A

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#### Conclusion with respect to DCP Requirements

The proposed dwelling is considered to be appropriately designed and sited to achieve the objectives of the design provisions with Warringah DCP 2011.

## **(b) Likely impacts of the development, including environmental impacts on both the natural and built environment of the locality.**

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The following matters are considered relevant when considering onsite impacts.

### **Siting and Design**

The proposed two storey development will be compatible in terms of height, bulk and scale with surrounding developments within the area.

The siting of the dwelling provides generous boundary setbacks, contributing to spatial separation and openness between the dwellings. The articulated design of the dwelling will limit the impact on the adjacent properties in terms of bulk, privacy and overshadowing and will not dominate any perceived views enjoyed by others.

The front façade is appropriately articulated and contains a variety of roof forms and elements and a central entry feature. In this way, the proposal provides a clear definition of the entry and provides varied shadow lines due to the different construction elements and finishes.

### **Sedimentation Control**

Due to the topography of the site, excavation will be required for the construction of a level building platform, as shown on the development plans. All disturbed areas will be provided with sedimentation controls in the form of geofabric fencing and/or stacked hay bales. Soil erosion control measures can easily be provided in accordance with Council's policy with compliance required as a condition of consent.

### **Waste Minimisation**

All waste will be deposited within the waste receptacle in accordance with the waste management plan attached to this application.

### **Noise and Vibration**

All work will be undertaken during hours specified within the development consent. No vibration damage is envisaged occur during construction.

## **(c) The suitability of the site for the development**

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The subject site is within a new residential area, within reasonable driving distance to local commercial, retail and transport facilities. The existing road network provides easy access to all locations.

The two storey dwelling, the subject of the application, can be constructed with all services necessary and has been designed to suit site constraints and the character of the surrounding residential setting.

The dwelling is permissible with development consent under the provisions of Warringah LEP 2011, and generally satisfies the objectives of the relevant development control plans as discussed above.

#### **(d) Any submissions made in accordance with this Act or the regulations**

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Council will consider any submissions received during the relevant notification period for this development application.

#### **(e) Public interest**

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As this proposal can reasonably satisfy the objectives of all relevant planning instruments and development control plans, approval of the subject development is considered to be in the public interest.

### **CONCLUSION**

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The residential use of the site is permissible with development consent under the provisions of Warringah LEP 2011 and can satisfy the objectives of the relevant development control plan.

It is considered that the construction of a new two storey dwelling will complement and blend with the existing, and likely future character of Carawa. The proposal is not expected to have an adverse impact on the surrounding natural or built environment.

**Prepared by:**



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