

STATEMENT OF ENVIRONMENTAL EFFECTS



Applicant:
Clarendon Homes
21 Solent Circuit
BAULKHAM HILLS NSW 2153

Site Address:
Lot 79 DP 232295
22 Birrong Avenue
BELROSE NSW 2085

Construction of a Two Storey Dwelling.

INTRODUCTION

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, guest, home theatre, family and dining rooms, along with an attached garage and outdoor alfresco dining area.

The site is four sided, however, triangular in shape due to a wide frontage and narrower rear, with a frontage to Birrong Avenue and a total land area of 702.9m². The lot currently contains an existing dwelling to be demolished under a separate application. Some trees will require removal, with other trees to be retained to maintain a suitable landscape character. Additional planting is capable of being provided if required.

The site has a moderate fall to the rear, with drainage to be directed to an approved system as per the drainage plan.

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 Birrong Avenue.

ENVIRONMENTAL EFFECTS

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

(1) Matters for Consideration – general:

(a)(i) Relevant environmental planning instruments

Warringah Local Environmental Plan 2011

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

| <i>Requirement</i> | <i>Provision</i> | <i>Compliance</i> |
|--------------------|------------------|-------------------|
| 8.5m | 8.491m | Yes |

Clause 4.6 Exceptions to Development Standards

The proposed development does not contravene the development standards.

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 has not been identified as bushfire prone land as per the 10.7 Certificate.

Clause 6.1 Acid Sulfate Soils

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

Clause 6.3 Flood planning

The subject site has been identified as being within a flood planning area as per the 10.7 Certificate. The proposed dwelling has a suitable floor level to ensure minimal damage in the event of a flood. The dwelling will not unreasonably impact upon flood functions and behaviours and will not increase affectation on other properties. The dwelling is of an intended scale and incorporates a raised floor level to reasonably minimise risk in the event of a flood.

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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

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. | Approx. 6.3m max. wall height. | Yes |
| <i>B2 - Number of Storeys</i> Max. no. storeys shown on DCP No. Storeys map. | Two storey dwelling proposed. | Yes |
| <i>B3 - Side Boundary Envelope</i> Side boundary envelope 45° & 4m or 5m from existing ground (refer DCP Map) Encroachment of the fascia, gutters, eaves permitted. | Dwelling entirely within the building envelope. | 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. 2.5m 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 | 6.5m N/A | Yes N/A |

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| <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. | 8.478m 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. | Double garage integrated into dwelling design. | Yes |
| Laneways to provide rear access where possible. | N/A | N/A |
| Parking not to obscure views from dwelling to street. | Garage does not obscure views from dwelling to street. | Yes |

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| Garage/carport opening max. 6m or 50% building width, whichever lesser. | 4.81m or 36.7% of dwelling width. | Yes |
| 2 spaces per dwelling. | Two spaces provided. | N/A |
| <i>C4 – Stormwater</i> Suitable stormwater system for each site. | Stormwater as per drainage details. | 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 with the use of drop edge beams to minimise impact on neighbours. | Yes |
| Clean fill only. | No imported fill proposed. | Yes |
| <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. | >2m width. | Yes |
| Subject site = 40% | 56.7% provided. | Yes |
| <i>D2 – Private Open Space</i> POS area = 1-2 bedrooms – 35m ² min 3m width. | N/A | N/A |
| 3+ bedrooms – 60m ² min 5m width. | 128.9m ² provided, with min. width 5m. | Yes |

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| Direct access from living area. | Accessible from living/dining room. | Yes |
| POS located behind building line. | Behind building line, within rear yard. | Yes |
| Maximise solar access & privacy. | North to rear corner, with suitable levels of solar access to POS areas. Privacy is maintained with suitable window design and placement. The upper leisure room windows have been provided with raised sill heights to reduce overlooking. The siting and design of the dwelling will ensure solar access and privacy is maintained to the subject site and adjoining properties. | Yes |
| <i>D6 – Access to Sunlight</i> Consider solar access & ventilation in siting of dwelling. | Dwelling appropriately sited for the orientation of the allotment. | Yes |
| 3hrs sunlight to 50% POS and glazed areas to living rooms between 9am & 3pm. | Proposed and adjoining POS and living areas will receive suitable solar access given the orientation of the site. Dwelling remains suitably sited and designed to ensure reasonable solar access is maintained. | Yes |
| <i>D7 – Views</i> View sharing to be considered. | No loss of views is anticipated. | Yes |
| <i>D8 – Privacy</i> Maintain privacy to adjoining properties. | Upper leisure room windows to side provided with raised sill heights to minimise any overlooking of POS and living areas of the adjoining dwellings. Other windows overlooking front setback. No detrimental impact is anticipated to the privacy of the subject or adjoining dwellings POS or living areas as a result of the upper floor windows. | Yes |
| <i>D9 – Building Bulk</i> Avoid large areas of continuous wall planes. | Dwelling is not considered to have an excessive visual bulk. | Yes |

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| Max. fill 1m and to remain within building footprint. | 535mm fill within dwelling footprint through drop edge beam design. | Yes |
| Minimise excavation. | Excavation not considered excessive for the site. | Yes |
| Orientate dwelling to street. | Dwelling suitably orientated to Ballina Avenue. | Yes |
| Use articulation and materials to reduce building mass. | Suitable articulation and materials considered to have been provided for the site. | Yes |
| <i>D10 – Building Colours and Materials</i> Colours finishes to blend with natural setting. | Suitable colours and materials provided for Council's consideration. | For Councils Consideration |
| <i>D11 – Roofs</i> Pitch to compliment streetscape. | Pitch in keeping with surrounding area. | Yes |
| Varied roof forms to be provided. | Varied roof forms provided. | Yes |
| Eaves required. | Eaves provided. | 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 – No fencing proposed as part of the application. | 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 | Boundary fencing capable of being provided in accordance with Council's requirements. | Yes |

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| be averaged for sloping sites to allow regular steps). | | |
| <i>D16 – Swimming Pools & 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 & IN1 Zones</i> | N/A | N/A |
| <i>D20 – Safety and Security</i> Casual surveillance of street & suitable lighting. | Casual surveillance of the street provided through large entry and habitable room windows to the front. | 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. | Some trees require removal for the proposed building footprint. These trees will not impact upon the landscape character of the area with other vegetation to be retained, with boundary planting and large mature trees retained. Landscaping is capable of being provided following construction to maintain the landscape character of the area, with mature vegetation to remain in the rear. | Yes |
| Flora & Fauna assessment if native veg >100m ² to be removed or veg removed from site in last 5 years. | N/A | N/A |

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| <p><i>E7 – Development on land adj. public open space</i> Development adj public reserve to compliment character of reserve.</p> <p>Casual surveillance of public reserve.</p> <p>Landscaping to screen development.</p> | N/A | N/A |
| <p><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.</p> | N/A | N/A |
| <p><i>E9 - Coastline Hazard</i></p> | N/A | N/A |
| <p><i>E10 - Landslip Risk</i> As per the map.</p> <p>Geotech required where indicated in DCP.</p> | Landslip Risk identified as Area A. Preliminary assessment to be provided if requested by Council. | For Council's consideration |
| <p><i>E11 – Flood Prone Land</i> Flood Risk map indicates level. Requirements outlined in DCP: Floor levels to be at or above flood planning level – 0.3m above NGL.</p> <p>New development not to impeded floodway.</p> | <p>Provided.</p> <p>Suitable drainage system to allow any suitable drainage of flood waters and flows across site.</p> | Yes |

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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) the likely impacts of that development, including environmental impacts on both the natural and built environments, and social and economic impacts in the locality,

The following matters are considered relevant when considering development 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 reasonable 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

The subject site is within an existing 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

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

(e) Public interest

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

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 Belrose. The proposal is not expected to have an adverse impact on the surrounding natural or built environment.

Local Consultancy Services Pty Ltd
April 2024