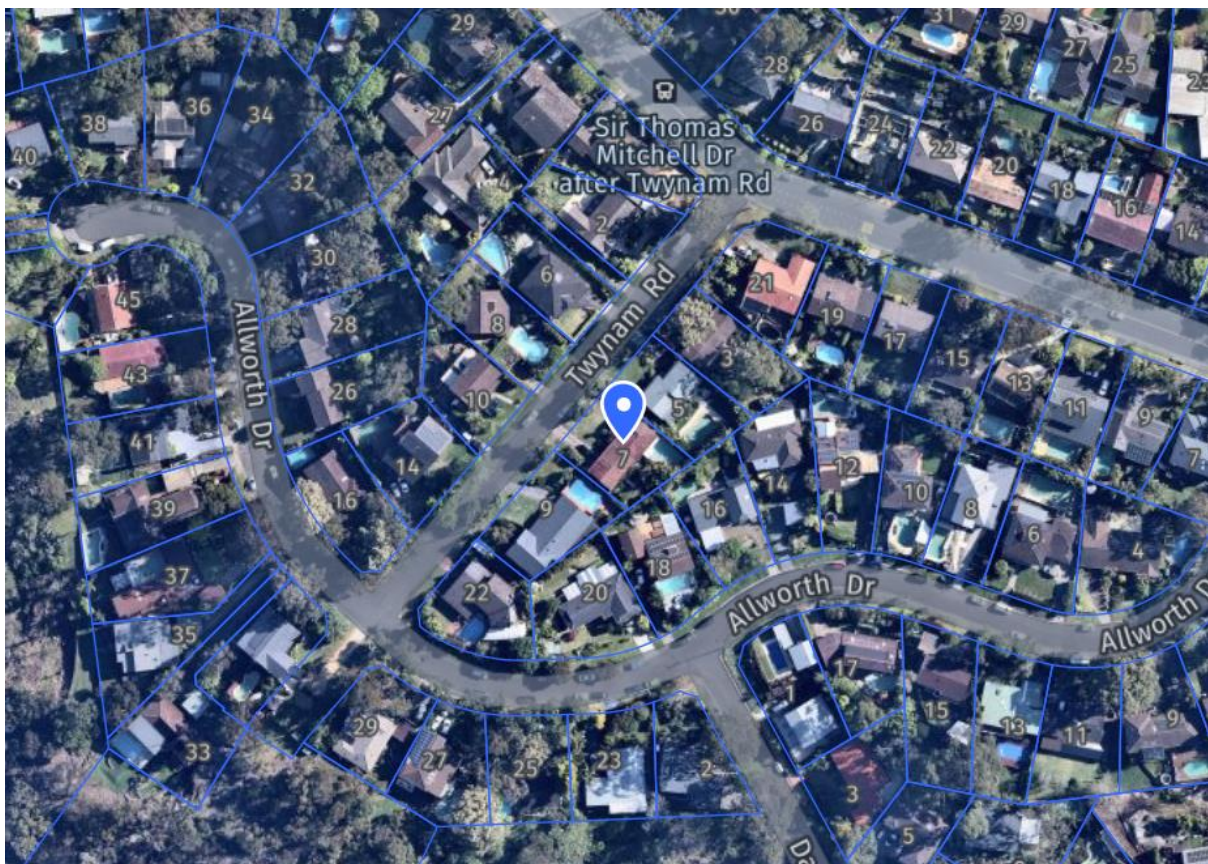


STATEMENT OF ENVIRONMENTAL EFFECTS



Applicant:

Clarendon Homes
21 Solent Circuit
BAULKHAM HILLS NSW 2153

Site Address:

Lot 11 SEC 167 DP 242262
7 Twynam Road
DAVIDSON 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, study/guest, study, and open family, meals and living room, along with an attached garage and outdoor alfresco dining area.

The site is generally rectangular in shape, with an angled rear boundary, frontage of 23.165m to Twynam Road, and a total land area of 702.5m². The lot currently contains an existing dwelling to be demolished under a separate application to Council. Two minor trees are required to be removed in order to site the proposed dwelling, with remaining trees to be retained on site and additionally vegetation and planting to be provided following the construction phase of the dwelling.

The site has a gentle fall across the site, with stormwater to be directed to the street via on site detention and rainwater tank 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 established residential area.

The proposed dwelling will contribute positively to the surrounding area and the streetscape of Twynam Road as an anticipated form of urban renewal.

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	8.48m	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 is identified to be partially bushfire prone land as per Councils 10.7 Certificate. The design of the residence has been undertaken to incorporate the provisions of Australian Standards. Please refer to attached Bushfire Hazard Analysis Report.

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 not been identified as flood prone land on Councils 10.7 Certificate.

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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.	6.039m 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 – minor eave encroachment on the Northern Elevation.	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. 2.1m 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	Min. 8.06m to the building line proposed. 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. 6.407m provided. 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.	Complies.	Yes
Garage/carport opening max. 6m or 50% building width, whichever lesser.	Double garage door width 4.81m or 29.84%.	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 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. Subject site = 40%	>2m width. 56.1% provided.	Yes Yes
<i>D2 – Private Open Space</i> POS area = 1-2 bedrooms – 35m² min 3m width. 3+ bedrooms – 60m² min 5m width. Direct access from living area. POS located behind building line. Maximise solar access & privacy.	N/A 172m² provided, with min. width 5m. Accessible from open family, meals, and living room via outdoor alfresco dining area. Behind building line. Appropriate level of solar access and privacy provided through the design, considering the orientation of the lot and appropriate setbacks to living spaces. Upper floor leisure room windows are appropriately orientated to overlook the front setback, with large setback to boundary ensuring minimal overlooking or privacy intrusion.	N/A Yes Yes Yes Yes
<i>D6 – Access to Sunlight</i> Consider solar access & ventilation in siting of dwelling. 3hrs sunlight to 50% POS and glazed areas to living rooms between 9am & 3pm.	Dwelling appropriately sited for the orientation of the allotment. Proposed and adjoining POS and living areas to receive appropriate level of solar access due to suitable setbacks and appropriate design of the dwelling.	Yes 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 and balcony have been appropriately oriented towards the front setback, which is suitably setback from the boundary to ensure minimal overlooking. Living rooms are suitably provided at ground floor, so the upper leisure room would be secondary in use and likely to be a passive area which reduce the opportunities for overlooking. As no impact is anticipated to the privacy of the subject or adjoining dwellings POS or living areas, the front upper floor windows and balcony are considered reasonable in this instance.	Yes
<i>D9 – Building Bulk</i> Avoid large areas of continuous wall planes. Max. fill 1m and to remain within building footprint. Minimise excavation. Orientate dwelling to street. Use articulation and materials to reduce building mass.	Dwelling is not considered to have an excessive visual bulk. <1m fill, contained within building footprint via drop edge beam (DEB). Excavation not considered excessive for the site. Dwelling addresses street. Suitable articulation and materials considered to have been provided for the site.	Yes Yes Yes Yes Yes
<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 – 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 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 & 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 able to occur. View to entry approach available from entry, guest and upper habitable room windows.	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. Flora & Fauna assessment if native veg >100m² to be removed or veg removed from site in last 5 years.	Two minor trees are required to be removed in order to site the proposed dwelling, with remaining trees to be retained on site and additionally vegetation and planting to be provided following the construction phase of the dwelling to maintain the landscape character of the area. N/A	For Council's consideration 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. Landscaping to screen development.	N/A	N/A
<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 B. 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.

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

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 Davidson as an anticipated form of urban renewal. The proposal is not expected to have an adverse impact on the surrounding natural or built environment.



Frederick W. Bekker
Student Town Planner
Local Consultancy Services Pty Ltd
November 2021