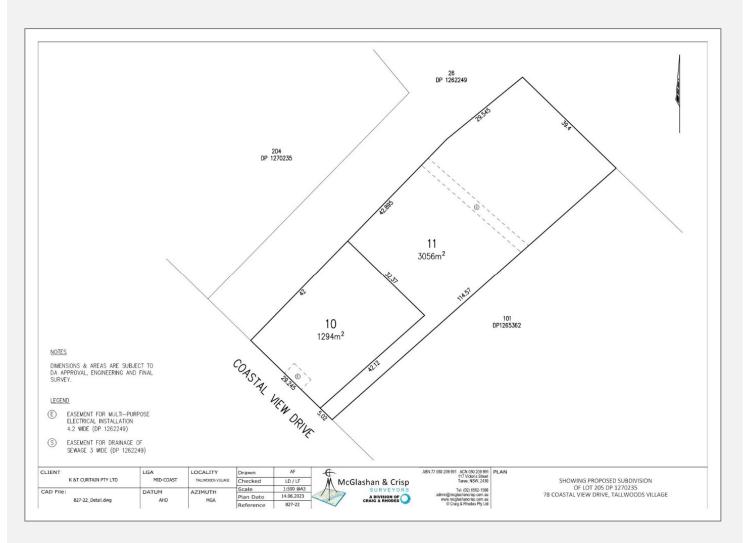


Colliers International Engineering & Design (NSW) Pty Ltd ABN 77 050 209 991



BUSHFIRE ASSESSMENT
PREPARED FOR K & T CURTAIN
2 LOT SUBDIVISION
LOT 205 DP1270235 – 78 COASTAL VIEW DRIVE, TALLWOODS VILLAGE
FEBRUARY 2024 – REF; 827-22 (F923)

PREPARED BY: McGlashan & Crisp Surveyors A Colliers Company Pty Ltd 117 Victoria street Taree NSW 2430 A.B.N. 77 050 209 991



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APPENDIX LIST

Appendix A – Proposed Subdivison Plan

Appendix B – House Pad Plan

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Appendix D – DP1270235

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1. PROPERTY DETAILS

The specific details of the subject land are provided in Table 1 below.

Table 1: Site details

ITEM	DESCRIPTION
Registered Owner/s	K & T Curtain Pty Ltd
Lots and DP's	Lot 205 DP1270235
Address/es	78 Coastal View Drive, Tallwoods Village, NSW 2430
Area (Approx.)	4364m²

Easements/Restrictions/Covenants, etc.

Appendix B - Certificates of Title

Appendix C – DP1270235 & accompanying 88B Instrument

- Easement for Drainage of Sewage 3m wide created with DP1270235 as shown on the proposed plan.
- Easement for multi-purpose electrical installation 4.2m wide affecting the part as shown on the proposed plan.

Table 2 – Summary of Key Controls

LGA	MID-COAST COUNCIL
Principal Environmental	Greater Taree Local Environmental Plan 2010
Planning Instrument (EPI)	
Site Area (Approx.)	4,364m²
Zoning	R1 General Residential
Minimum Lot Size	450m ²
Floor Space Ratio	0.6:1
Maximum Building Height	8.5m
Bushfire Prone	Yes
Heritage Affected	Does Not Apply
Flooding	Does Not Apply
Acid Sulphate Soils	Does Not Apply
Contributions	Section 94 2016 Hallidays Point
Proposed Lots	1 lot into 2 lots

The subject site comprises Lot 205 DP1270235, 78 Coastal View Drive, Tallwoods Village, as shown in Figure 1 below. The site is in the Local Government area of Mid-Coast, Parish of Harrington, and County of Macquarie. The Lot is mapped as bushfire buffer zone land as shown in Figure 2 below.

Figure 1 – Aerial view of subject land (Source – Nearmaps, 4th February 2023)



Figure 2 – Bushfire Mapping (Source – MidCoast Council online mapping)





2. PROPOSAL

This application seeks consent for a 2-lot subdivision and construction of PADs for future dwellings of Lot 205 DP1270235 as shown in the plan attached as Appendix A and Figure 1 below.

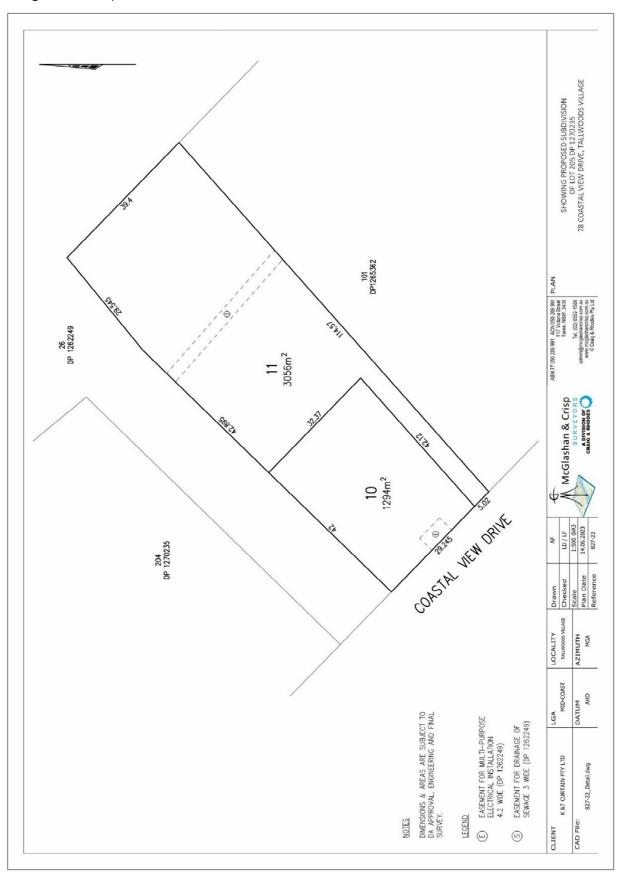
Majority of the existing Lot 205 is vacant with a large dam and a tree located at the back of the lot. The land is highly modified, and no clearing is required for the purpose of this subdivision and construction of the dwelling PADs. The lot is impacted by an easement for drainage of sewage 3m wide at the back of the Site and an easement for electrical substation 4.2 m wide at the frontage.

The subdivision layout has been designed to supply two residential lots each contain one dwelling PAD for the construction of future dwelling. Both lots access from Coastal View Drive. As shown on the Subdivision Plan, Lot 10 will have a 29.25m frontage to Coastal View Drive and Lot 11 will be a battle-axe lot with a 5.02m wide access handle.

The subdivision will result in 2 new appropriately sized lots that are provided with enough area to ensure that they can provide good solar access, ample space for dwellings, sheds, privacy and outdoor areas. Sewer, water, electricity and telecommunications services can be provided to proposed lots 10 and 11 in accordance with the relevant authority's requirements.



Figure 3- Proposed Plan





3. ASSESSMENT

The land is located within the NSW Local Government Area of Mid-Coast Council and in accordance with Rural Fire Service website has a Forest Fire Danger Index (FFDI) of 80. The proposal is for a simple boundary adjustment of land. No application for a dwelling is being sought as part of this application. The relevant performance criteria, acceptable solutions and achievements as set out in Chapter 5 of Planning for Bushfire Protection 2019 have been assessed below.

Table 3 – Asset Protection Zones (Source – Table 5.3a Planning for Bushfire Protection 2019)

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	ACHIEVABLE/PROPOSED SOLUTION
potential building footprints must not be exposed to radiant heat levels exceeding 29 kW/m² on each proposed lot.	APZs are provided in accordance with Tables A1.12.2 and A1.12.3 based on the FFDI	No application for a dwelling is being sought.
APZs are managed and maintained to prevent the spread of a fire towards the building.	APZs are managed in accordance with the requirements of Appendix 4	YES.
The APZs is provided in perpetuity	APZs are wholly within the boundaries of the development site	YES
APZ maintenance is practical, soil stability is not compromised and the potential for crown fires is minimised	APZs are located on lands with a slope less than 18 degrees	YES
landscaping is designed and managed to minimise flame contact and radiant heat to buildings, and the potential for wind-driven embers to cause ignitions.	landscaping is in accordance with Appendix 4; and fencing is constructed in accordance with section 7. 6	No landscaping is proposed or required



Table 4 – Access (Source – Table 5.3b Planning for Bushfire Protection 2019)

PERFORMANCE	ACCEPTABLE SOLUTIONS	ACHIEVABLE/PROPOSED
CRITERIA	nonfol	SOLUTION
firefighting vehicles are provided with safe, all-weather access to structures.	 perimeter roads are provided for residential subdivisions of three or more allotments; subdivisions of three or more allotments have more than one access in and out of the development; 	
the capacity of access roads is adequate for firefighting vehicles.	the capacity of perimeter and non-perimeter road surfaces and any bridges/causeways is sufficient to carry fully loaded firefighting vehicles (up to 23 tonnes); bridges/causeways are to clearly indicate load rating.	YES
there is appropriate access to water supply	 hydrants are located outside of parking reserves and road carriageways to ensure accessibility to reticulated water for fire suppression; hydrants are provided in accordance with the relevant clauses of AS 2419.1:2005 - Fire hydrant installations System design, installation and commissioning; and there is suitable access for a Category 1 fire appliance to within 4m of the static water supply where no reticulated supply is available 	N/A



Table 4 (continued) – Access (Source – Table 5.3b Planning for Bushfire Protection 2019)

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	ACHIEVABLE/PROPOSED SOLUTION
Perimeter Roads		
firefighting vehicles while residents are evacuating as well as providing a safe operational environment for emergency service personnel during firefighting and emergency	 minimum 8m carriageway width kerb to kerb; parking is provided outside of the carriageway width; hydrants are located clear of parking areas; are through roads, and these are linked to the internal road system at an interval of no greater than 500m; curves of roads have a minimum inner radius of 6m; 	YES can comply
Non-Perimeter Roads		
access roads are designed to allow safe access and egress for firefighting vehicles while residents are evacuating.	 minimum 5.5m carriageway width kerb to kerb; parking is provided outside of the carriageway width; hydrants are located clear of parking areas; roads are through roads, and these are linked to the internal road system at an interval of no greater than 500m; curves of roads have a minimum inner radius of 6m; the road crossfall does not exceed 3 degrees; and a minimum vertical clearance of 4m to any overhanging obstructions, including tree branches, is provided. 	YES can comply



Table 4 (continued) – Access (Source – Table 5.3b Planning for Bushfire Protection 2019)

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	ACHIEVABLE/PROPOSED SOLUTION
Property Access		
firefighting vehicles can access the dwelling and exit the property safely	 There are no specific access requirements in an urban area where an unobstructed path (no greater than 70m) is provided between the most distant external part of the proposed dwelling and the nearest part of the public access road (where the road speed limit is not greater than 70kph) that supports the operational use of emergency firefighting vehicles. In circumstances where this cannot occur, the following requirements apply: minimum 4m carriageway width; in forest, woodland and heath situations, rural property access roads have passing bays every 200m that are 20m long by 2m wide, making a minimum trafficable width of 6m at the passing bay; a minimum vertical clearance of 4m to any overhanging obstructions, including tree branches; provide a suitable turning area in accordance with Appendix 3; curves have a minimum inner radius of 6m and are minimal in number to allow for rapid access and egress; the minimum distance between inner and outer curves is 6m; the crossfall is not more than 10 degrees; maximum grades for sealed roads do not exceed 15 degrees and not more than 10 degrees for unsealed roads; and a development comprising more than three dwellings has access by dedication of a road and not by right of way. Note: Some short constrictions in the access may be accepted where they are not less than 3.5m wide, extend for no more than 30m and where the obstruction cannot be reasonably avoided or removed. The gradients applicable to public roads also apply to community style development property access roads in addition to the above 	YES



Table 5 – Services – Water, Electricity and Gas (Source – Table 5.3c Planning for Bushfire Protection 2019)

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	ACHIEVABLE/PROPOSED SOLUTION
Water Supply		
 adequate water supplies is provided for firefighting purposes a static water and hydrant supply is provided for non-reticulated developments or where reticulated water supply cannot be guaranteed; and static water supplies shall comply with Table 5.3d. 		YES.
• water supplies are located at regular intervals; and the water supply is accessible and reliable for firefighting operations.	 water supplies are located at regular intervals; and fire hydrant, spacing, design and sizing complies with the relevant clauses of Australian Standard AS of the water supply is accessible and fire hydrant, spacing, design and sizing complies with the relevant clauses of Australian Standard AS of the water supply is accessible and hydrants are not located within any road carriageway; and 	
flows and pressure are appropriate	fire hydrant flows and pressures comply with the relevant clauses of AS 2419.1:2005	YES
		YES
Electricity Services		
location of electricity services limits the possibility of ignition of surrounding bush land or the fabric of buildings	 where practicable, electrical transmission lines are underground; where overhead, electrical transmission lines are proposed as follows: lines are installed with short pole spacing of 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 ISSC3 Guideline for Managing Vegetation Near Power Lines. 	YES
Gas Services		,
location and design of gas services will not lead to ignition of surrounding bushland or the fabric of buildings	 reticulated or bottled gas is installed and maintained in accordance with AS/NZS 1596:2014 - The storage and handling of LP Gas, 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. 	No reticulated gas services are available, and any installation of tanks can comply.



Table 6 – Water Supply (Source – Table 5.3d Planning for Bushfire Protection 2019)

PERFORMANCE	ACCEPTABLE SOLUTIONS	ACHIEVABLE/PROPOSED SOLUTION
CRITERIA		
Residential lots	5,000L/lot	Yes, can comply
(<1,000m2)		
Rural-residential lots	10,000L/lot	N/A
(1,000-10,000m2)		
Large rural/lifestyle lots	20,000L/lot	N/A
(>10,000m2)		
Multi-dwelling housing	5,000L/dwelling	N/A
(including dual		
occupancies)		

4. SITE ASSESSMENTS

Proposed Lot 10 – Due to the potential for future Development Application for a dwelling a on the proposed house PAD in accordance with Planning for Bushfire Protection 2019. table A1.12.3 of Planning for Bushfire Protection 2019 the following table indicates the minimum APZ's required and BAL level.

Vegetation

CATEGORY	NORTH	EAST	SOUTH	WEST
Vegetation	Forest	Forest	Forest	Forest
formation within	Rainforest	Rainforest	Rainforest	Rainforest
140 metres	Grassy/semi-	Grassy/semi-	Grassy/sem	i- Grassy/semi-
	arid woodland	arid woodland	arid woodland	arid woodland
	(inc Mallee)	(inc Mallee)	(inc Mallee)	(inc Mallee)
	Forested	Forested	Forested	Forested
	Wetland	Wetland	Wetland	Wetland
	Tall Heath	Tall Heath	Tall Heath	Tall Heath
	Short Heath	Short Heath	hort Heath	Short Heath
	Arid	Arid	Arid	Arid
	Shrublands	Shrublands	Shrublands	Shrublands
	Freshwater	Freshwater	Freshwater	Freshwater
	Wetlands	Wetlands	Wetlands	Wetlands
	Grassland	Grassland	Grassland	Grassland
Distance to vegeta	ation			
ASPECT	NORTH	EAST	SOUTH	WEST
Distance	>140m	>58m	Residential no	Residential no
			vegetation	vegetation within
			within 140m	140m
Slope		_		
CATEGORY	NORTH	EAST	SOUTH	WEST
Slope under the	Upslope/flat	Upslope/flat	Upslope/fla	at Upslope/flat
hazard (over	>0 to 5	>0 to 5	>0 to 5	>0 to 5
100m) (in	>5 to 10	>5 to 10	□ >5 to 10	□ >5 to 10
degrees)	>10 to 15	>10 to 15	>10 to 15	>10 to 15
	>15 to 18	>15 to 18	>15 to 18	>15 to 18

The land is located in the Local Government Area of Mid-Coast Council and has a FDI of 80. In accordance with Table A1.12.3 Page 90 of Planning for Bushfire Protection 2019 the minimum APZ's required are:

FDI 80	NORTH	EAST	SOUTH	WEST
APZ	20m	9	10	10m

In accordance with Table A1.12.6 page 92 the following Bushfire Attack Levels (BAL)apply:

FDI 80	NORTH	EAST	SOUTH	WEST
BAL	Low no	12.5	Low no	Low no
	requirement		requirement	requirement

Proposed Lot 11 – Due to the potential for future Development Application for a dwelling a on the proposed house PAD in accordance with Planning for Bushfire Protection 2019. table A1.12.3 of Planning for Bushfire Protection 2019 the following table indicates the minimum APZ's required and BAL level.

Vegetation

CATEGORY	NORTH	EAST	SOUTH	WEST
Vegetation	Forest	Forest	Forest	Forest
formation within	Rainforest	Rainforest	Rainforest	Rainforest
140 metres	Grassy/semi-	Grassy/semi-	Grassy/semi	i- Grassy/semi-
	arid woodland	arid woodland	arid woodland	arid woodland
	(inc Mallee)	(inc Mallee)	(inc Mallee)	(inc Mallee)
	Forested	Forested	Forested	Forested
	Wetland	Wetland	Wetland	Wetland
	Tall Heath	Tall Heath	Tall Heath	Tall Heath
	Short Heath	Short Heath	hort Heath	Short Heath
	Arid	Arid	Arid	Arid
	Shrublands	Shrublands	Shrublands	Shrublands
	Freshwater	Freshwater	Freshwater	Freshwater
	Wetlands	Wetlands	Wetlands	Wetlands
	Grassland	Grassland	Grassland	Grassland
Distance to vegeta	ation			
ASPECT	NORTH	EAST	SOUTH	WEST
Distance	>115	>46m	Residential no	Residential no
			vegetation	vegetation within
			within 140m	140m
Slope		<u>.</u>		
CATEGORY	NORTH	EAST	SOUTH	WEST
Slope under the	Upslope/flat	Upslope/flat	Upslope/fla	at Dpslope/flat
hazard (over	□ >0 to 5	>0 to 5	□ >0 to 5	□ >0 to 5
100m) (in	>5 to 10	>5 to 10	>5 to 10	>5 to 10
degrees)	>10 to 15	□ >10 to 15	□ >10 to 15	>10 to 15
,	>15 to 18	>15 to 18	>15 to 18	>15 to 18

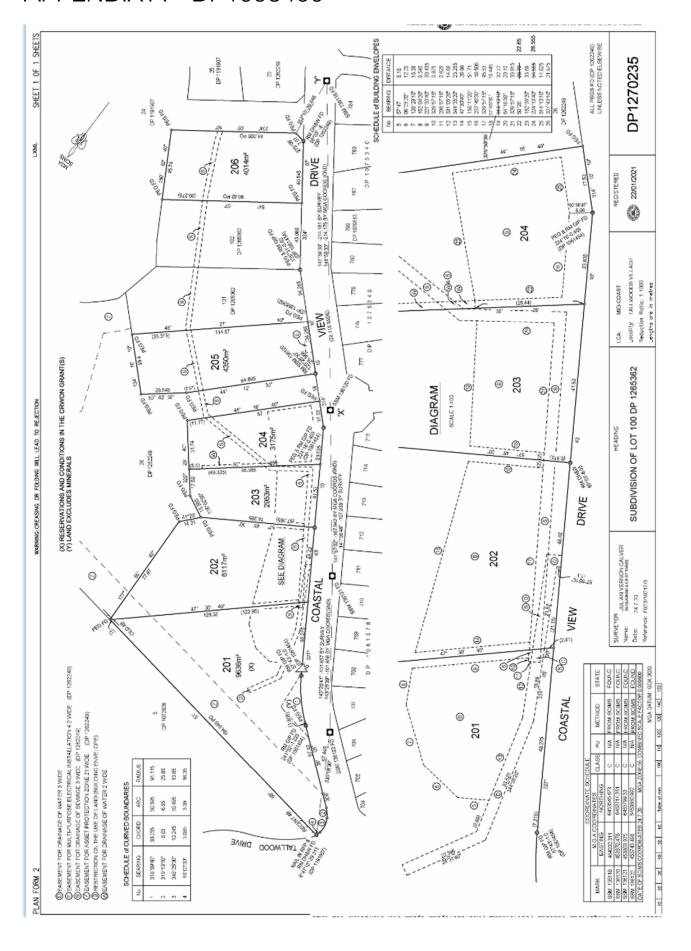
The land is located in the Local Government Area of Mid-Coast Council and has a FDI of 80. In accordance with Table A1.12.3 Page 90 of Planning for Bushfire Protection 2019 the minimum APZ's required are:

FDI 80	NORTH	EAST	SOUTH	WEST
APZ	20m	9	10	10m

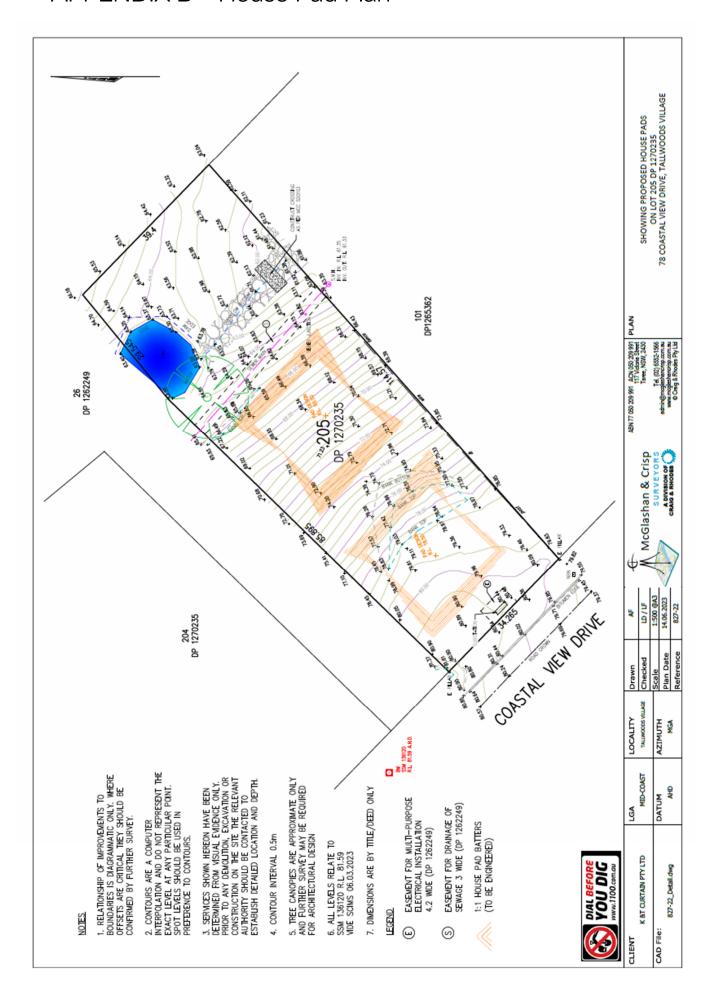
In accordance with Table A1.12.6 page 92 the following Bushfire Attack Levels (BAL)apply:

FDI 80	NORTH	EAST	SOUTH	WEST
BAL	Low no	12.5	Low no	Low no
	requirement		requirement	requirement

APPENDIX A - DP1093400



APPENDIX B - House Pad Plan



APPENDIX C - Certificate of Title



Title Search

Information Provided Through

Aussearch Ph. 02 9054 6867 Fax.

NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCHO

FOLIO: 205/1270235

LAND

LOT 205 IN DEPOSITED PLAN 12702350
AT TALLWOODS VILLAGED
LOCAL GOVERNMENT AREA MID-COASTO

PARISH OF BERYAN COUNTY OF GLOUCESTERO TITLE DIAGRAM DP12702350

FIRST SCHEDULED

K & T CURTAIN PTY LTD

(T AR436515) [

SECOND SCHEDULE (8 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 DP1191907 EASEMENT FOR ASSET PROTECTION ZONE 21 METRE(S) WIDED AND VARIABLE APPURTENANT TO THE LAND ABOVE DESCRIBED
- 3 DP1195425 EASEMENT FOR BATTER VARIABLE WIDTH APPURTENANT TO THED LAND ABOVE DESCRIBEDO
- 4 DP1262249 EASEMENT FOR MULTI-PURPOSE ELECTRICAL INSTALLATION OF A.2 METRE(S) WIDE AFFECTING THE PART(S) SHOWN SOO BURDENED IN THE TITLE DIAGRAMO
- 5 DP1262249 EASEMENT FOR DRAINAGE OF SEWAGE 3 METRE(S) WIDE:
 AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE:
 DIAGRAM:
- 6 DP1262249 EASEMENT FOR ASSET PROTECTION ZONE 21 METRE(S) WIDE:
 APPURTENANT TO THE LAND ABOVE DESCRIBED:
- 7 DP1270235 RESTRICTION(S) ON THE USE OF LAND REFERRED TO ANDO NUMBERED (3) IN THE S.88B INSTRUMENTO
- 8 AR795148 MORTGAGE TO NATIONAL AUSTRALIA BANK LIMITEDO

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

827-22

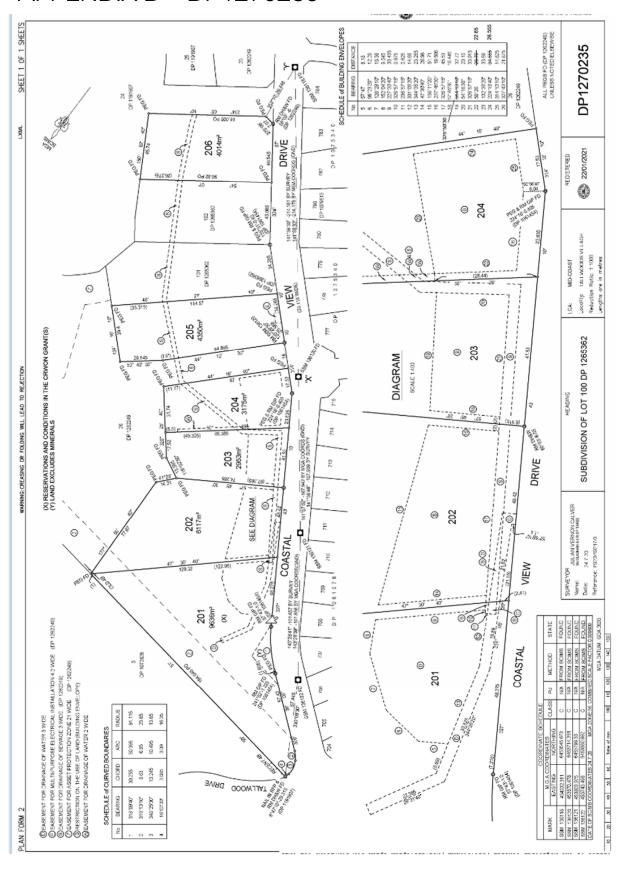
PRINTED ON 11/1/2023

* Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warming: the information appearing under notations has not been formally recorded in the Register. Information approved KSW Information Broken hearby certifies that the information contained in this document has been provided distributionable by the Benefitor Capacity in programme with Earth of Section 2012.

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APPENDIX D - DP1270235



APPENDIX E - 88B Instrument

Req:R063864 /Doc:DP 1270235 B /Rev:22-Jan-2021 /NSW LRS /Pgs:ALL /Prt:11-Mar-2024 11:49 /Seq:1 of 3 D Office of the Registrar-General /Src:InfoTrack /Ref:827-22

Instrument setting out Terms of Easements/Profits a Prendre intended to be created or released and of Restrictions on the Use of Land and Positive Covenants intended to be created pursuant to Section 88B of the Conveyancing Act, 1919.

(Sheet 1 of 3 sheets)

Plan: DP1270235

Plan of Subdivision of Lot 100
DP 1265362
covered by Subdivision Certificate No 347 2021
Colember 8 (12/2020)

Full name and address of proprietor of land:

Coastal View Heights Development Pty Ltd 46 Coastal View Drive Tallwoods Village NSW 2430

Part 1 (Creation)

Number of item shown in the intention panel on the plan	Identity of easement profit a prendre, restriction or positive covenant to be created and referred to in the plan	Burdened lot (s) or parcel(s):	Benefited lot(s), road(s), bodies or Prescribed Authorities
1	Restriction on the Use of Land (Building Envelope)	201,202, 203 & 204	Mid-Coast Council
2	Easement for Drainage of Water 3 wide	201 & 202	Mid-Coast Council
3	Restriction on the Use of Land (Trees)	201, 202,203,204,205 & 206	Mid-Coast Council
4	Easement for Drainage of Water 2 wide	204	203

Part 2 (Terms)

Terms of easement, profit a prendre, restriction, or positive covenant numbered 1 in the plan.

- No building shall be erected on the burdened lot outside of the nominated building envelope shown as 'B' on the plan.
- ii) Gravity sewer availability is restricted to the area nominated 'B' on the plan.
- iii) No building shall be erected on the burdened lot unless a suitable report is prepared by a geotechnical engineer confirming the suitability of the building design to the site conditions.

Instrument setting out Terms of Easements/Profits a Prendre intended to be created or released and of Restrictions on the Use of Land and Positive Covenants intended to be created pursuant to Section 88B of the Conveyancing Act, 1919.

(Sheet 2 of 3 sheets)

Plan: DP1270235

Plan of Subdivision of Lot 100
DP 1265362
covered by Subdivision Certificate No 347 2021 SC
dated \$\[\frac{1}{2} \] 2020

Full name and address of proprietor of land:

Coastal View Heights Development Pty Ltd 46 Coastal View Drive Tallwoods Village NSW 2430

- iv) Excess roof water (in excess of water stored on site) cannot be directed other than to the nominated stormwater system.
- 2. Terms of easement, profit a prendre, restriction, or positive covenant numbered 2 & 4 in the plan.

Terms of easement in accordance with Part 7 Schedule 4A of Conveyancing Act 1919.

3. Terms of easement, profit a prendre, restriction, or positive covenant numbered 3 in the plan.

All trees located at the front of the burdened lot may not be disturbed unless with consent of the benefitting authority.

Name of person empowered to release, vary or modify restriction or positive covenant number 1, 2 & 3

Mid-Coast Council

Executed by Coastal View Heights Developments	s Pty Ltd ACN 620990436 by:
	R.L. Brudgenoler Secretary
Director	
Name KETH CURTAIN.	ROSMA LYNETTE BRIDGEWHIER

Instrument setting out Terms of Easements/Profits a Prendre intended to be created or released and of Restrictions on the Use of Land and Positive Covenants intended to be created pursuant to Section 88B of the Conveyancing Act, 1919.

(Sheet 3 of 3 sheets)

Plan: DP1270235

Plan of Subdivision of Lot 100

DP 1265362

covered by Subdivision Certificate No 347/2021/SC dcAod 8/12/2020

Full name and address of proprietor of land:

Coastal View Heights Development Pty Ltd 46 Coastal View Drive Tallwoods Village NSW 2430

Executed by Goastal View Heights Developments	Pty Ltd ACN 620990436 by:
Director	Secretary
Name	Name
Mid-Coast Council by its authorised delegate pursua	ant to s.377 Local Government Act 1993
Name of Delegate	Signature of Delegate
I certify that I am an eligible witness and that the del	legate signed in my presence
SARAH HAWKE Full Name of Witness	Signature of Witness
C/- 2 Publiney Street, Take Now 24 Address of Witness	-\$0

REGISTERED



22/01/2021