

AREA U/CROFT GARAGE

PERIMETER

PERIMETER

50.51 UNDERCROFT PORCH 3.40 81.54 m² TOTAL

57.89 m

65.16 m

GROUND FL (INCLUDING VOID & ST 167.90 TAIRS) 27.16 ÀLFRESCO TOTAL 195.05 m²

UPPER FL (INCLUDING VOID & ST 98.99 TAIRS) **BALCONY** 17.63

116.62 m² TOTAL PERIMETER 44.36 m

393.22 m² **GRAND TOTAL**

UNDERCROFT FLOOR PLAN 1:100

42 Hasler Road, Osborne Park Western Australia 6017



PROPOSED RESIDENCE FOR MR J. R. BENNETT & MS M. WIERDA LOŤ 700 (#40B) DONEY STREET, ALFRED COVE

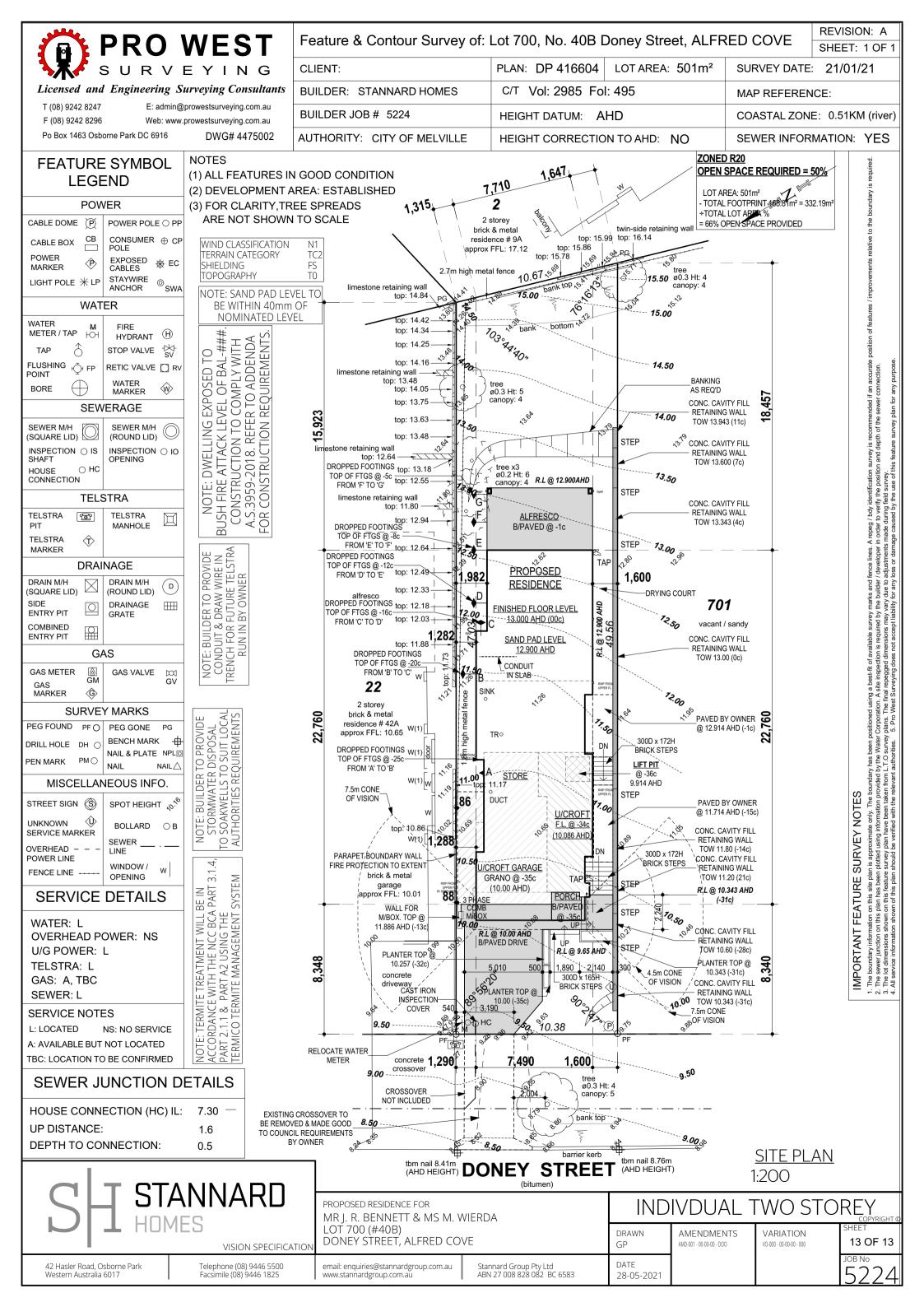
DRAWN AMENDMENTS GΡ AMD-001 - 00-00-00 - 000

VARIATION VO-000 - 00-00-00 - 000

INDIVDUAL TWO STOREY

01 OF 13 JOB No

DATE Stannard Group Pty Ltd ABN 27 008 828 082 BC 6583 email: enquiries@stannardgroup.com.au www.stannardgroup.com.au 28-05-2021





EXPOSED # EC

HYDRANT (H)

STOP VALVE

RETIC VALVE [] RV

[⊚]swa

CABLES STAYWIRE

ANCHOR

FIRE

WATER

SEWER M/H

(ROUND LID) INSPECTION O IO

OPENING

TELSTRA

MANHOLE

DRAIN M/H

(ROUND LID)

DRAINAGE

GAS VALVE

BENCH MARK +

NAIL & PLATE NPLO

SPOT HEIGHT 10.1%

BOLLARD OB

SEWER _

WINDOW /

OPENING

LINE

SERVICE DETAILS

OVERHEAD POWER: NS

A: AVAILABLE BUT NOT LOCATED TBC: LOCATION TO BE CONFIRMED

> 42 Hasler Road, Osborne Park Western Australia 6017

GRATE

 \square

 ∞

 $\mathsf{NAIL} \triangle$

W

SEWERAGE

POWER

MARKER

WATER

TAP FLUSHING

POINT

BORE

SHAFT

HOUSE CONNECTION

TELSTRA

TELSTRA

MARKER

DRAIN M/H

ENTRY PIT

COMBINED

ENTRY PIT

GAS METER

GAS MARKER

DRILL HOLE DH O

PEN MARK PM 🔾

STREET SIGN (\$)

SERVICE MARKER

UNKNOWN

OVERHEAD -

POWER LINE

FENCE LINE -

WATER: L

U/G POWER: L TELSTRA: L GAS: A, TBC SEWER: L

SERVICE NOTES

L: LOCATED

SIDE

(SQUARE LID)

SEWER M/H

(SQUARE LID)

 $\mathsf{INSPECTION} \ \bigcirc \ \mathsf{IS}$

METER / TAP

 \bigcirc

₩ FP

○ HC

F

 \Diamond

9

Ĝ

GAS

SURVEY MARKS PEG FOUND PFO PEG GONE PG

NAIL

MISCELLANEOUS INFO.

TELSTRA

DRAINAGE

LIGHT POLE *LP

Ŷ

WATER

	Feature & Contour Survey of:	ot 700, No. 40B Doney Street, ALFR	ED COVE REVISION: A SHEET: 1 OF 1
	CLIENT:	PLAN: DP 416604 LOT AREA: 501m ²	SURVEY DATE: 21/01/21
ts	BUILDER: STANNARD HOMES	C/T Vol: 2985 Fol: 495	MAP REFERENCE:
	BUILDER JOB # 5224	HEIGHT DATUM: AHD	COASTAL ZONE: 0.51KM (river)
	AUTHORITY: CITY OF MELVILLE	HEIGHT CORRECTION TO AHD: NO	SEWER INFORMATION: YES
2 16	N GOOD CONDITION		quired.
	AREA: ESTABLISHED	w .	the boundary is req
	EE SPREADS I TO SCALE 2 s	torey twin-side retaining wall	e ponuq
	brick reside	nce # 9A	/
		FFL: 17.12 top: 15.86 top: 15.78	ents relai
	2.7m high meta	10.67 % 9 00.3 Ht: 4 canopy: 4	nproveme
	top: 14.84 PG	\$ 40t=x8 x3	survey is recommended if an accurate position of features / improvements relative to the boundary is required. nis feature survey plan for any purpose.
	top: 14.42 No 2		n of feat
	top: 14.25	bank bottom And	te positic
	limestone retaining wall top: 13.48	ree	n accurainnection
		90.3 Ht: 5 eanopy: 4	nded if a
	top: 13.63 — 73.50	14.00	ecomme
	limestone retaining wall top: 12.64	13.18	infication survey is recommended if an accurate e position and depth of the sewer connection. survey.
	top: 13.18 top: 12.55	tree x3 ø0.2 Ht: 6 canopy: 4	cation supposition supposition susposition susposition supposition susposition susposition susposition susposition suspensition suspens
	limestone retaining wall top: 11.80		y identifi
	top: 12.94		ppeg / bd
	top: 12.64	13.00 %	nes. A re oper in o
	top: 12.49	Nass Nass	d fence ii ar / devel y loss or
	alfresco top: 12.33 top: 12.18	701	narks an he builde he builde ity for an ity for an
	top: 12.03	y vacant /	saurvey r s may v, n med by t in eabyt liabil
	top: 11.88 + 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	40 m ² AREA RSHADOWING
	22 w 11.30	OVER	RSHADOWING
	22 2 storey	1300	sing a be
	2 storey brick & metal residence # 42A approx FFL: 10.65 W(1) W(1)	77.50	itioned u orporatio
	approx FFL: 10.65 W(1)		water Co Water Co Water Co Titles. 5
	_	7 ////	ary has t d by the m L.T.O.
	W(1) W 11.00 1		ES are bound are for the releva
	top: 10.86	7.00	NOTE only. The formation formation and with the
	top: 10.86 N(1)	No.	VEY rooximate using in using in be verifial.
	10.50		SUR n proted n servey n should
	garage approx FFL: 10.01		URE is site plans been in feas been in feas bear fithis pla
	10 00	70.50	FEAT tion on the plan this
	10.00	10 NO	IMPORTANT FEATURE SURVEY NOTES 1. The boundary information on this site plan is approximate only. The boundary has been positioned using a best-fit of available survey marks and fence lines. A repeg / bdy identification survey. 2. The sewer junction on this plan has been potited using information provided by the Water Corporation. As the inspection is required by the builder of developer in order to verify the position and 3. The lot dimensions shown on this feature survey plan have been from L.T.O survey plans. The final repegged dimensions may vary due to adjustments made during field survey. 4. All service information shown of this plan should be verified with the relevant authorities. 5. Pro West Surveying does not accept liability for any loss or damage caused by the use of this feat
	g. \	· · · · · · · · · · · · · · · · · · ·	ORT, boundary rewer jun rewer
	concrete driveway	5	IMP 1. The b 3. The c 3. The c 4. All set
	9	9.50, 10.38 10.38 10.00	
	9.50	9.50, 10.38 PF	
	concrete		
	9 00	tree	



NS: NO SERVICE

STANNARD VISION SPECIFICATION

Telephone (08) 9446 5500 Facsimile (08) 9446 1825

PROPOSED RESIDENCE FOR MR J. R. BENNETT & MS M. WIERDA LOT 700 (#40B) DONEY STREET, ALFRED COVE

8.50

INDIVDUAL TWO STOREY AMENDMENTS

9.<u>00</u>%

1:200

AMD-001 - 00-00-00 - 000

email: enquiries@stannardgroup.com.au www.stannardgroup.com.au

tbm nail 8.41m

(AHD HEIGHT) DONEY

DATE Stannard Group Pty Ltd ABN 27 008 828 082 BC 6583 28-05-2021

canopy: 5

STREET tbm nail 8.76m (AHD HEIGHT)

DRAWN

GΡ

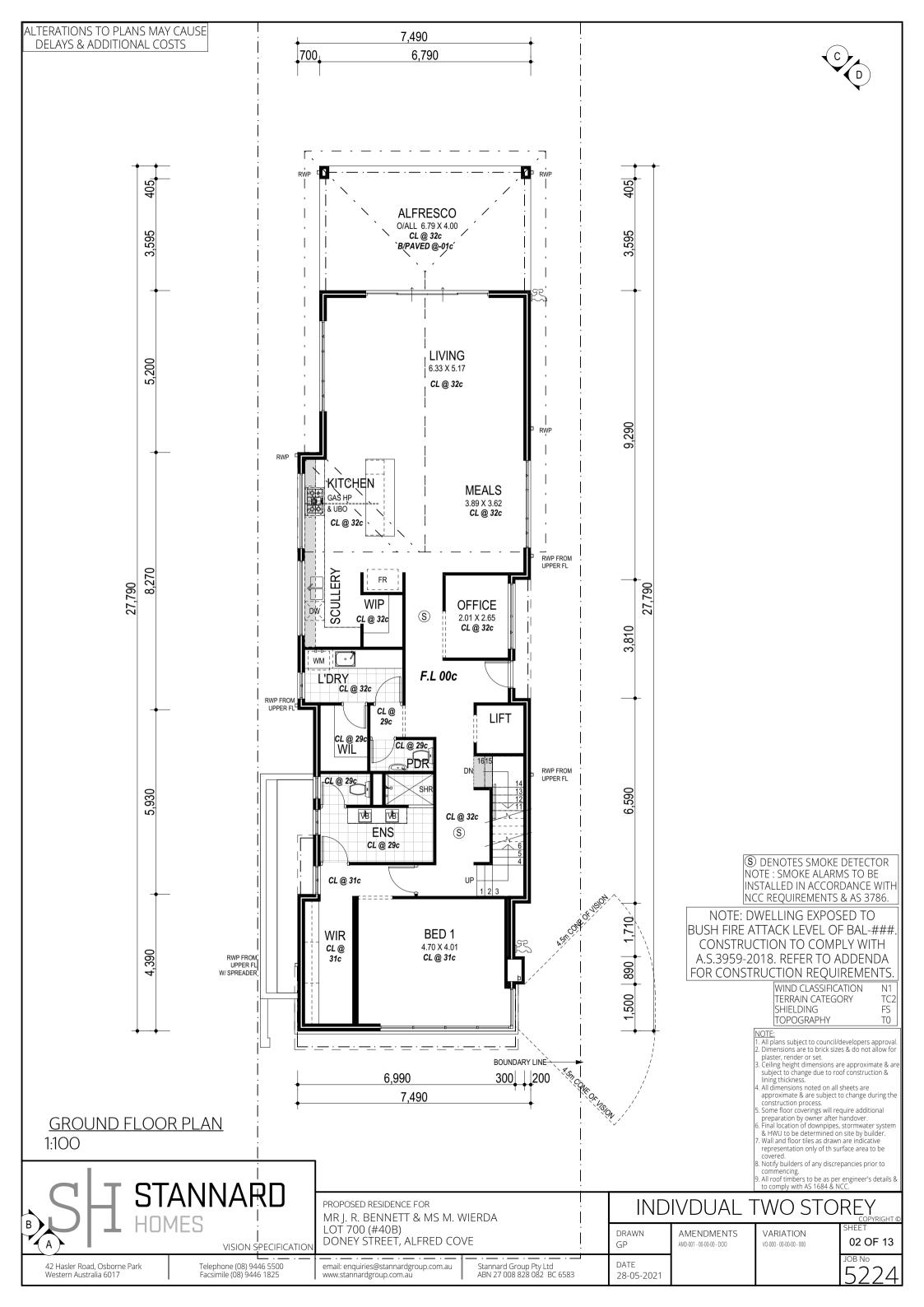
bank top

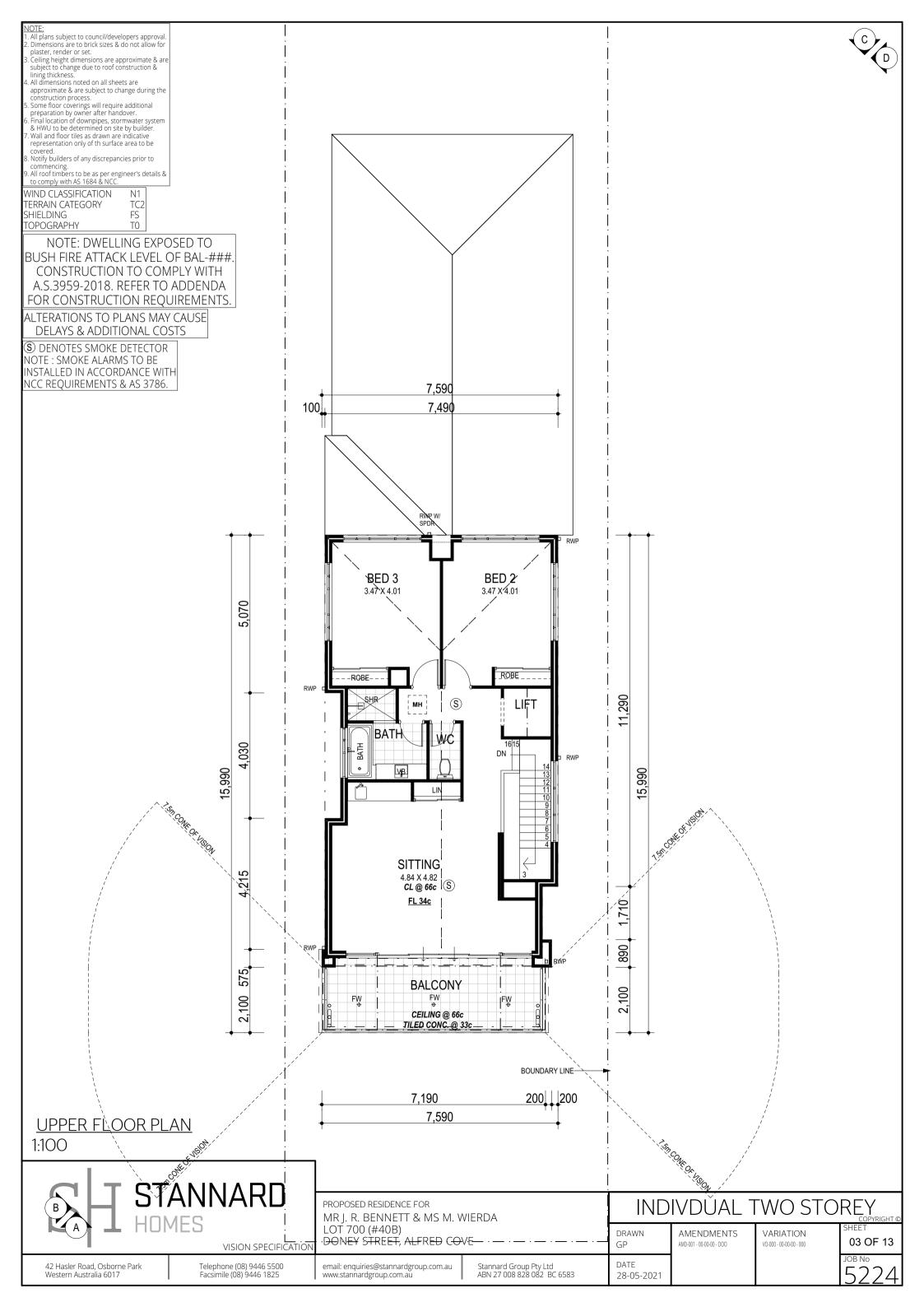
barrier kerb

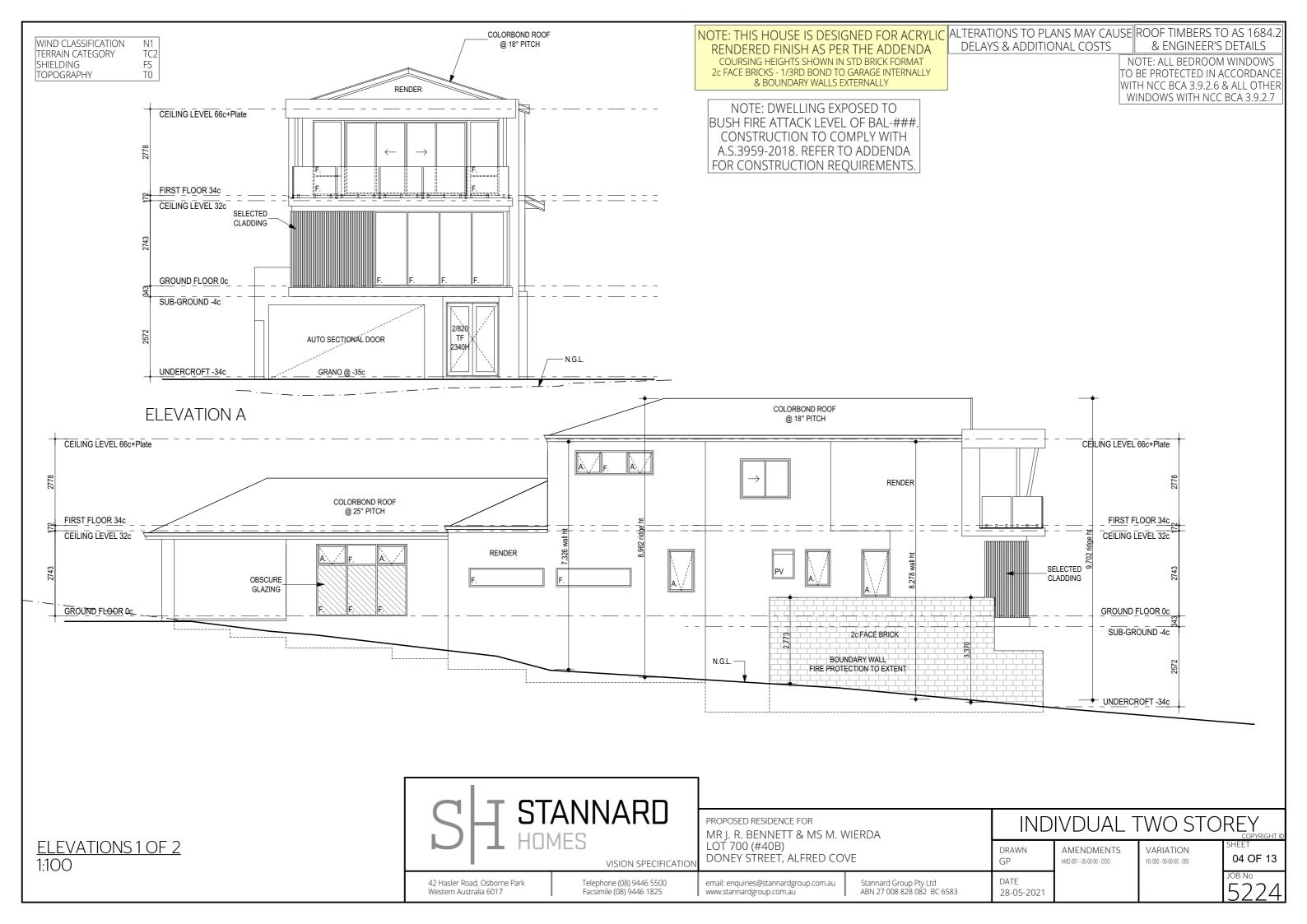
VARIATION VO-000 - 00-00-00 - 000

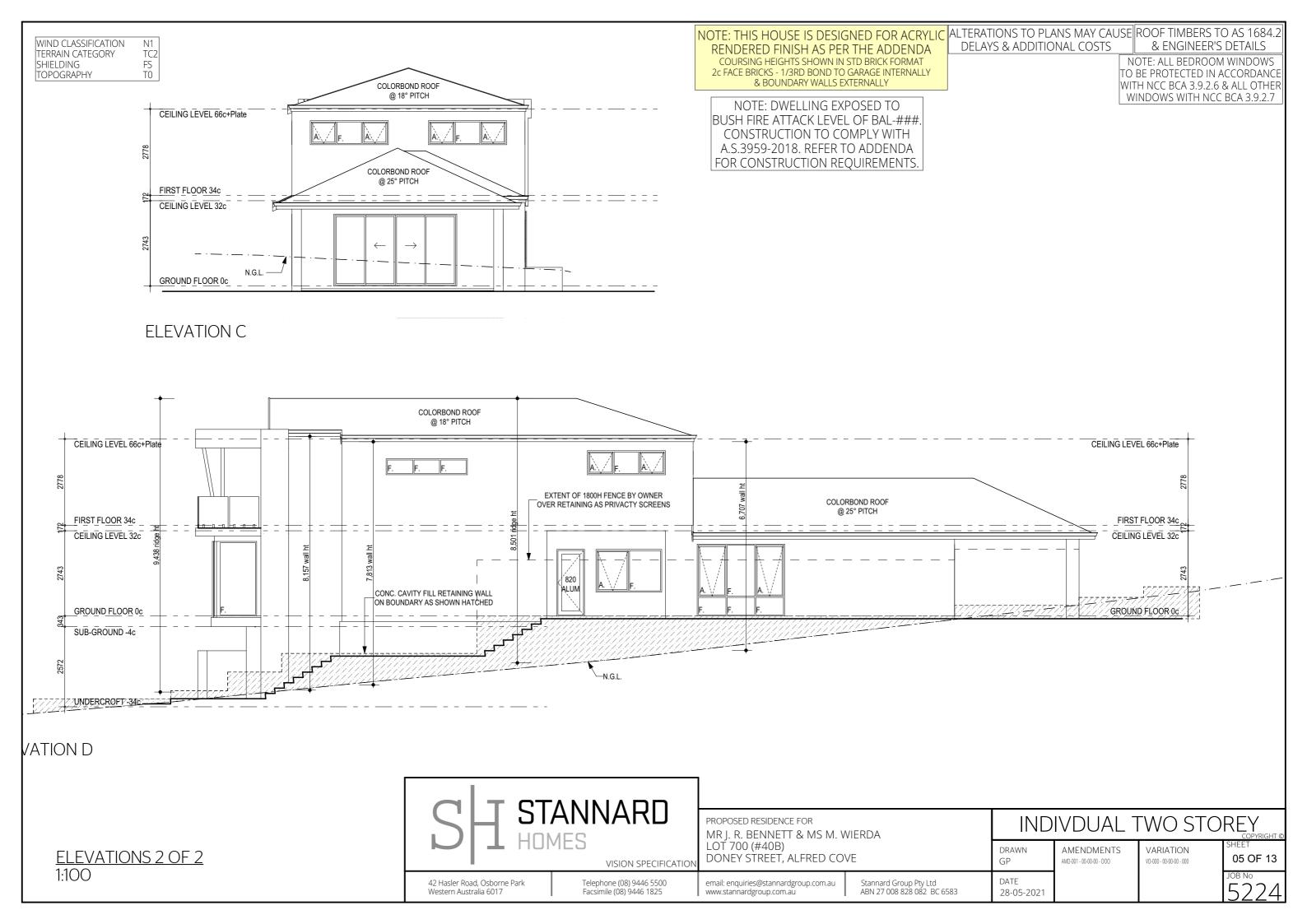
SHADOW DIAGRAM

14 OF 13 JOB No











Memorandum

То	City of Melville	Pages	6 Pages
СС	Stannard Homes		
Subject	Lot 700 #40B Doney Street, Alfred Cove WA 6154 (Written Justification R-Codes)		R-Codes)
From	Kieran Hunt – Resolve Group		
Date	16 th June 2021		

To whom it may concern,

In accordance with Clause 3.3 'Supporting Information Requirements' of the R-Codes, where a proposal seeks to apply one or more design principles, written justification is to be provided indicating how the proposal meets the design principles and objectives of the R-Codes. Accordingly, written justification is required in accordance with the Design Principles of Clause 5.1.6 Building height, Clause 5.3.7 Site works, Clause 5.3.8 Retaining walls and Clause 5.4.1 Visual privacy.

Methodology

State Planning Policy 3.1 – Residential Design Codes 3.3 Supporting information requirements

The following additional supporting information shall be provided under certain planning circumstances to enable proper assessment by the **decision-maker**.

3.3.1

Where a component of the proposal proposes to apply one or more **design principle(s)**, it is necessary to assess that component of the design against the relevant design principle(s). Additional supporting information shall include:

- (a) identification of all design elements that are not **deemed-to-comply**; and
- (b) written justification as to how the application/ proposal meets the design principles and objectives of the R-Codes and any relevant **scheme** and **local planning policy** objectives and requirements.



Relevant Design Principle

5.1.6 Building height

- P6 **Building height** that creates no adverse impact on the amenity of **adjoining properties** or the streetscape, including road reserves and public open space reserves; and where appropriate maintains:
 - adequate access to direct sun into **buildings** and appurtenant **open spaces**;
 - adequate daylight to major openings into habitable rooms; and
 - · access to views of significance.

CG Buildings which comply with Table 3 for category B area buildings, except where stated otherwise in the scheme, the relevant local planning policy, structure plan or local development plan (refer Figure Series 7).

5.7.2	All buildings shall comply with each of the following maximum heights, as applicable to the building —	
	(a)	1 storey
		 Building Height (inclusive of wall and roof height; including to top of a parapet) - 6.0 metres maximum height.
	(b)	2 storeys
		(i) Building Height – 8.5 metres maximum height.
		(ii) Wall Height (to level of roof) – 6.0 metres maximum height.
		(iii) Wall Height (to top of a parapet) – 7.0 metres maximum height.

2.1 Permitted building height

2.1.1 General Residential and Mixed Use zone

R-Code Range		External Wall (Concealed Roof)	Overall
R12.5 – R40	8.0 metres	9.0 metres	10.5 metres
	For singles house and grouped dwellings - As per R-Codes Volum C; For multiple dwellings as per R-Codes Volume 2 Tables 2 controls table and 2.2 Indicative building height		

Design principles Development demonstrates compliance with the following design principles (P)	Deemed-to-comply Development satisfies the following deemed-to-comply requirements (C)	
 P7.1 Development that considers and responds to the natural features of the site and requires minimal excavation/fill. P7.2 Where excavation/fill is necessary, all finished levels respecting the natural ground level at the lot boundary of the site and as viewed from the street. 	 C7.1 Excavation or filling between the street and building, or within 3m of the street alignment, whichever is the lesser, shall not exceed 0.5m, except where necessary to provide for pedestrian or vehicle access, drainage works or natural light for a dwelling. C7.2 Excavation or filling within a site and behind a street setback line limited by compliance with building height limits and building setback requirements. C7.3 Subject to subclause C7.2 above, all excavation or filling behind a street setback line and within 1m of a lot boundary, not more than 0.5m above the natural ground level at the lot boundary except where otherwise stated in the scheme, local planning policy, structure plan or local development plan. 	
 5.3.8 Retaining walls Retaining walls that result in land which can be effectively used for the benefit of residents and do not detrimentally affect adjoining properties and are designed, engineered and landscaped having due regard to clauses 5.3.7 and 5.4.1. 	C8 Retaining walls greater than 0.5m in height set back from lot boundaries in accordance with the setback provisions of Table 1. Retaining walls 0.5m or less in height may be located up to the lot boundary	



Design principles

Development demonstrates compliance with the following **design principles** (P)

5.4.1 Visual privacy

- P1.1 Minimal direct overlooking of active habitable spaces and outdoor living areas of adjacent dwellings achieved through:
 - · building layout and location;
 - design of major openings;
 - landscape screening of outdoor active habitable spaces; and/or
 - location of screening devices.
- P1.2 Maximum visual privacy to side and rear boundaries through measures such as:
 - offsetting the location of ground and first floor windows so that viewing is oblique rather than direct;
 - · building to the boundary where appropriate;
 - · setting back the first floor from the side boundary;
 - providing higher or opaque and fixed windows; and/or
 - screen devices (including landscaping, fencing, obscure glazing, timber screens, external blinds, window hoods and shutters).

Deemed-to-comply

Development satisfies the following **deemed-to-comply** requirements (C)

- C1.1 Major openings and unenclosed outdoor active habitable spaces, which have a floor level of more than 0.5m above natural ground level and overlook any part of any other residential property behind its street setback line are:
 - set back, in direct line of sight within the cone of vision, from the lot boundary, a minimum distance as prescribed in the table below (refer Figure Series 10):

	Location		
Types of habitable rooms/ active habitable spaces	Setback for areas coded R50 or lower	Setback for areas coded higher than R50	
Major openings to bedrooms and studies	4.5m	3m	
Major openings to habitable rooms other than bedrooms and studies	6m	4.5m	
Unenclosed outdoor active habitable spaces	7.5m	6m	

or:

- ii. are provided with permanent screening to restrict views within the cone of vision from any major opening or an unenclosed outdoor active habitable space.
- C1.2 Screening devices such as obscure glazing, timber screens, external blinds, window hoods and shutters are to be at least 1.6m in height, at least 75 per cent obscure, permanently fixed, made of durable material and restrict view in the direction of overlooking into any adjoining property.
- Note: i. Where the subject **site** and an affected adjoining site are subject to a different R-Code the **setback** distance is determined by reference to the lower density code.
 - Line of sight setback distances shall be measured by application of the cone of vision set out in Figure Series 10.
 - Line of sight setback distances include the width of any adjoining right-of-way, communal street or battleaxe leg or the like.
 - iv. These provisions apply to adjoining sites only where that land is zoned to allow for residential development.

Design principles

 $\textbf{\textit{Development}}\ demonstrates\ compliance\ with\ the\ following\ \textbf{\textit{design}\ principles}\ (P)$

5.4.2 Solar access for adjoining sites

- P2.1 Effective solar access for the proposed **development** and protection of the solar access
- P2.2 Development designed to protect solar access for neighbouring properties taking account the potential to overshadow existing:
 - outdoor living areas;
 - north facing major openings to habitable rooms, within 15 degrees of north in each direction; or
 - · roof mounted solar collectors.

Deemed-to-comply

Development satisfies the following **deemed-to-comply** requirements (C)

- C2.1 Notwithstanding the lot boundary setbacks in clause 5.1.3, development in climatic zones 4, 5 and 6 of the State shall be so designed that its shadow cast at midday, 21 June onto any other adjoining property does not exceed the following limits:
 - on adjoining properties coded R25 and lower 25 per cent of the site area;
 - on adjoining properties coded R30 to R40 inclusive 35 per cent of the site area.
 - · on adjoining properties coded higher than R40 50 per cent of the site area.
- C2.2 Where a development site shares its southern boundary with a lot, and that lot is bound to the north by another lot(s), the limit of shading for the development site set out in clause 5.4.2 C2.1 shall be reduced proportionate to the percentage of the affected property's northern boundary that the development site abuts (refer to Figure 11b).

Note: With regard to clause 5.4.2 C2.1 site area refers to the surface of the adjoining lot and is measured without regard to any building on it but taking into account its natural ground levels.

Zoning

The subject site is zoned Residential R20.

Identification of Variation

Building Height

The proposed dwelling will have a maximum eave height of 8.28m in lieu of 8.0m in accordance with the City of Melville, Local Planning Policy (LPP1.9).

Site Works and Retaining Walls

The proposed retaining walls and site works (excavation and fill) exceed 500mm along the southern lot boundary.



Visual Privacy

The proposed dwelling seeks to vary the visual privacy setback requirements of the Residential Design Codes as follows:

- The Bedroom 1 major opening has been setback 2.1m from the southern boundary instead of 4.5m;
- The balcony has been setback 1.3m from the northern boundary and 2.10m from the southern boundary in lieu of 7.5m behind the street setback area of the adjoining properties.

Justification

Building Height

We believe that compliance is met through the Design Principles of Clause 5.1.6 Building height, as follows:

- The wall height non-compliance is due to the natural ground levels of the subject site with a change in level
 of 6m across the site. This directly contributes to an increase in building height at the front of the property
 when measured from natural ground level;
- The building height variations are only minor and considered appropriate in the context of the development. The height and scale of the proposed dwelling is consistent with the built form of the locality with the majority of new dwellings being typically two storey constructions with a under croft garage. The proposed dwelling is consistent with the current and desired streetscape character of the local area;
- The building height variations will not significantly impact the amenity of the adjoining properties in respect to the potential impacts of building bulk and overshadowing;
- The proposed design with the undercroft garage takes advantage of the site conditions and reduces the potential greater impact on the natural ground level;
- The height variation will not restrict access to direct sunlight, natural ventilation or views of significance to the adjoining properties.

Site Works and Retaining Walls

We believe that compliance is met through the Design Principles of Clause 5.3.7 Site Works and Clause 5.3.8 Retaining Walls, as follows:

- The site works and retaining walls are required to effectively develop the subject site given the change in level of 6m across the site. The proposed dwelling has used a finished floor level of 13.00 AHD which is considered appropriate given the site has a high point of 15.50 AHD and a low point of 9.50 AHD;
- The proposed development provides a similar amount of cut and fill to achieve the desired floor levels on site;
- The nil setback retaining walls are required to make effective use of space given the narrow shape of the subject site;
- The retaining wall height variation is a direct result of the natural ground levels of the subject site and adjoining property. The proposed retaining is required to provide a suitably level building pad for the proposed dwelling; and
- The extent of site works and retaining walls are not unreasonable given the natural ground levels of the subject site and adjoining properties. There is a precedent within the locality for retaining and site works in excess of the deemed to comply requirements given the topography of the area.

Visual Privacy

We believe that compliance is met through the Design Principles of Clause 5.4.1 Visual privacy, as follows:

- The overlooking cone of vision from the major opening to Bedroom 1 will be overlooking a vacant property and therefore it is difficult to determine if there will be any direct overlooking of active habitable spaces. However, based on the similar characteristics of both the subject and adjoining property it is expected that the area would potentially be a nil setback garage wall;
- The overlooking cone of vision from the front balcony will impact 38sqm of the northern property and 34sqm of the southern property behind the 6m primary street setback.
- The areas subject to overlooking to the southern property is the vacant block and the previous assessment
 of the bedroom opening will be relevant;



- The areas subject to overlooking to the northern property is typically the garage wall. The cone of vision stops short of any openings as indicated on the site plan. As such, there will be no direct overlooking of active habitable spaces, outdoor living areas, major openings or sensitive areas of the adjoining northern property;
- The upper floor balcony directly fronts the primary street which allows for additional passive surveillance along Doney Street, contributing to the streetscape and improving safety;
- The unenclosed balcony increases direct access to natural light and ventilation, improving the amenity of the upper floor habitable rooms. Additional screening along the sides of the balcony will add unnecessary building bulk to the proposed dwelling; and
- The open balcony is considered a more favorable design given the limited impact on the adjoining properties and the direct benefits to the residential amenity of the proposed dwelling.

In conclusion the proposed development has adhered to the requirements of the R-Codes and to approve such a development would not be against the interests of orderly and proper planning. The dwelling will preserve the amenity of the local area and it is respectfully requested that the application be granted development approval.

If there are any further queries please do not hesitate to contact the undersigned on 9364 3395.

Kind regards,

Kieran Hunt

Appendix A: Subject Site



Figure 1 – Site Location



Figure 2 – Street View (Doney Street)