67 ALBERT AVENUE CHATSWOOD

14

issue data:

date: 11/07/2018

FSR 8:1 site area 3006m² total allowable GFA 24048m² existing building GFA 16055m² available GFA **7993m²** proposed building GFA **7949m²**

allowable height (metres) 80.00 proposed height (metres) 78.92

schedule of areas

development areas

level	Use	RL	floor to floor	GFA**	GBA	NLA***
	top of plant	174.60				
16	plant	169.10	5.50	0m²	363m²	0m²
15	commercial office	165.10	4.00	398m ²	513m ²	345m ²
14	commercial office	161.30	3.80	403m ²	517m ²	350m ²
13	commercial office	157.50	3.80	439m ²	555m²	388m²
12	commercial office	153.70	3.80	450m ²	566m ²	399m²
11	commercial office	149.90	3.80	553m ²	672m ²	509m ²
10	commercial office	146.10	3.80	553m²	672m²	509m²
9	commercial office	142.30	3.80	553m²	672m²	509m²
8	commercial office	138.50	3.80	553m²	672m²	509m ²
7	commercial office	134.70	3.80	553m²	672m²	509m²
6	commercial office	130.90	3.80	553m²	672m²	509m²
5	commercial office	127.10	3.80	553m²	672m²	509m²
4	commercial office	123.30	3.80	553m²	672m²	509m ²
3	commercial office	119.50	3.80	553m²	672m²	509m²
2	commercial office	115.70	3.80	553m²	672m²	509m²
1	commercial office	111.90	3.80	553m²	672m²	509m²
mezzanine	plant	106.40	5.50	0m²	522m²	0m²
ground upper	office entry lobby	100.90	5.50	1 26m ²	196m²	55m²
ground	parking/ plant/ loading/EOT	95.68	varies	50m²	50m²	0m²
basement 1	existing car park & plant	91.25	varies	0m²	na	0m²
basement 2	existing car park & plant	88.67	varies	0m²	na	0m²
			ſ	7949 m²	10674m²	7136m²

fitzpatrick+partners

* All areas are subject to detailed design development

* All Areas are approximate only and should be read in conjunction with documentation issued

** GFA as stipulated in LEP 2012

gross floor space area means the sum of the floor area of each storey of a building measured from the internal face of external walls, or from the internal face of walls separating the building from any other building, measured at a height of 1.4 metres above the floor, and includes:

(a) the area of a mezzanine within the storey, and

(b) habitable rooms in a basement, and

(c) any shop, auditorium, cinema, and the like, in a basement or attic,

but excludes:

(d) any area for common vertical circulation, such as lifts and stairs, and

(e) any basement:

(i) storage, and

(ii) vehicular access, loading areas, garbage and services, and

(f) plant rooms, lift towers and other areas used exclusively for mechanical services or ducting, and

(g) car parking to meet any requirements of the consent authority (including access to that car parking), and

(h) any space used for the loading or unloading of goods (including access to it), and

(i) terraces and balconies with outer walls less than 1.4 metres high, and

(j) voids above a floor at the level of a storey or storey above.

*** NLA as defined by Property Council of Australia Method of Measurement for Commercial 2008 recrease area means the sum of its

whole floor lettable

aroa This is

a) window mulions and window frames and

b) structural columns and

c) engaged perimeter columns or piers and

d) fire hose reels attached to walls and

e) additional facilities specially constructed for or used by individual tenants that are not covered in each section but excludes:

f) any area for common vertical circulation, such as lifts, stairs, escalators and

g) plant/motor rooms and

h) accessways and

i) cupboards - telecommunications cupboards and fire hose reel cupboards and

j) toilets, tea rooms and other service areas

k) recessed doorways

I) lift lobbies, foyers and any areas dedicated to public thoroughfare

Attachment E

Supplementary Reports

- Certificate of Title Issued by Land registry Services, dated 30 May 2018
- Indicative Architectural Drawings
 Prepared by Fitzpatrick+Partners, dated 13 June 2018
 (Superseded by revised architectural package appended at Attachment C)

Overshadowing Analysis

Prepared by Fitzpatrick+Partners, including:

- o Shadow Analysis Winter Solstice 21 June (DA-026, Rev 2, 11/12/2017)
- o Shadow Analysis Winter Solstice 21 June (RFI-010, Rev 2, 11/12/2017)
- o Sun Shadow Diagram Sheet 01 (RFI-035, Rev 2, 14/06/2018)
- Sun Shadow Diagram Sheet 02 (RFI-036, Rev 2, 14/06/2018)
- o Sun Shadow Diagram Sheet 03 (RFI-037, Rev 2, 14/06/2018)
- o Sun Shadow Diagram Sheet 04 (RFI-038, Rev 2, 14/06/2018)
- Easement Summary Development Application Advice Prepared by HFW, dated 29 November 2017
- Supplementary Wind Report
 Prepared by CPP, dated 29 May 20178
- Legal Advice Relating to SEPP65/ADG and Easements Prepared by King & Wood Mallesons, dated 5 June 2018





NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH _____

FOLIO: AUTO CONSOL 8634-245

LAND

SERVICES

SEARCH DATE	TIME	EDITION NO	DATE
30/5/2018	3:16 PM	2	15/1/2010

LAND

LAND DESCRIBED IN SCHEDULE OF PARCELS AT CHATSWOOD LOCAL GOVERNMENT AREA WILLOUGHBY PARISH OF WILLOUGHBY COUNTY OF CUMBERLAND TITLE DIAGRAM SEE SCHEDULE OF PARCELS

DESCRIPTION _____

67 ALBERT STREET CHATSWOOD

LEASE FOLIOS CREATED. SEE LEASE PREMISES INDEX SEARCH FOR LF305

THIS FOLIO MAY BE AFFECTED BY CAVEATS AND/OR WRITS RECORDED ON THE LEASE FOLIOS FOR THESE PREMISES

FIRST SCHEDULE _____

THE COUNCIL OF THE CITY OF WILLOUGHBY

(R AD565791)

SECOND SCHEDULE (18 NOTIFICATIONS) _____

- RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S) WITHIN THE * 1 PART(S) SHOWN SO INDICATED IN THE TITLE DIAGRAM
 - 2 LAND EXCLUDES MINERALS AS REGARDS THE PARTS OF LOT 135 SHOWN IN DP1111762 - SEE S70000A
 - DP790323 DP1111762 THE LAND WITHIN DESCRIBED IS LIMITED TO 3 STRATA IN THE MANNER INDICATED IN DP790323 & DP1111762
 - 4 LAND ABOVE DESCRIBED IS ROAD AS REGARDS LOT 19 IN DP790323 VESTED IN THE COUNCIL BY SEC. 232 LOCAL GOVERNMENT ACT 1919
 - 5 DP643247 EASEMENT FOR SUPPORT (D) APPURTENANT TO LOT 19 IN DP790323
 - DP643247 EASEMENT FOR SUPPORT (E) AFFECTING THE PART OF LOT 6 19 DP790323 SHOWN SO BURDENED IN DP643247
 - DP642723 RIGHT OF FOOTWAY (W) AFFECTING THE PART OF LOT 135 7 IN DP1111762 SHOWN SO BURDENED IN THE TITLE DIAGRAM
 - DP790011 EASEMENT FOR SUPPORT (E) (LIMITED IN STRATUM) 8 AFFECTING THE PART OF LOT 135 IN DP1111762 SHOWN SO BURDENED IN THE TITLE DIAGRAM
 - 9 DP790011 EASEMENT FOR DRAINAGE OVER EXISTING LINE OF PIPES (F) AFFECTING THE PART OF LOT 135 IN DP1111762 SHOWN SO BURDENED IN THE TITLE DIAGRAM

END OF PAGE 1 - CONTINUED OVER

PRINTED ON 30/5/2018

NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: AUTO CONSOL 8634-245 ____ SECOND SCHEDULE (18 NOTIFICATIONS) (CONTINUED) _____ 10 DP790011 EASEMENT FOR STANDBY (N) (LIMITED IN STRATUM) AFFECTING THE PART OF LOT 135 IN DP1111762 SHOWN SO BURDENED IN THE TITLE DIAGRAM 11 DP790011 EASEMENT TO DRAIN SEWAGE OVER EXISTING LINE OF PIPES (P) AFFECTING THE PART OF LOT 135 IN DP1111762 SHOWN SO BURDENED IN THE TITLE DIAGRAM 12 DP790011 EASEMENT FOR ELECTRICITY PURPOSES (S) (LIMITED IN STRATUM) AFFECTING THE PART OF LOT 135 IN DP1111762 SHOWN SO BURDENED IN THE TITLE DIAGRAM 13 Y910526 LEASE TO EXPIRES: 20/6/2088. EUREKA FUNDS MANAGEMENT LIMITED. SEE 7259690 & AD126863 LEASE OF LEASE Y910526 TO SYDNEY ELECTRICITY OF I700137 SUBSTATION PREMISES NO.6668 (GROUND FLOOR) TOGETHER WITH RIGHTS OF WAY & EASEMENT FOR ELECTRICITY PURPOSES OVER OTHER PARTS OF THE LAND ABOVE DESCRIBED SHOWN IN PLAN WITH 1700137.

AI301042 VARIATION OF LEASE Y910526 EXPIRY DATE NOW 20/6/2112.

EXPIRES: 19/6/2088.

- AI660877 TRANSFER OF LEASE Y910526 LESSEE NOW THE TRUST COMPANY (RE SERVICES) LIMITED
 - A1836323 MORTGAGE OF LEASE Y910526 TO WESTPAC BANKING CORPORATION
 - 14 DP267690 EASEMENT FOR OVERHANGING AWNING (LIMITED IN STRATUM) AFFECTING THE PART OF LOT 135 IN DP1111762 SHOWN SO BURDENED IN THE TITLE DIAGRAM
 - 15 DP267690 EASEMENT FOR ENCROACHING STRUCTURE(S) TO REMAIN (LIMITED IN STRATUM) AFFECTING THE PART OF LOT 135 IN DP1111762 SHOWN SO BURDENED IN THE TITLE DIAGRAM
- AD833515 RIGHT OF FOOTWAY (WW) (LIMITED IN STRATUM) VARIABLE 16 WIDTH AFFECTING THE PART(S) OF 135/1111762 SHOWN SO BURDENED IN DP1111762 (SHEET 9).
- AH801981 RELEASED IN SO FAR AS IT BENEFITS LOTS 129 AND 130 DP 1111762
- AI195940 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 109 IN DP1094273
- AI195938 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 101 IN DP1094273
- AI195939 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 6 IN DP1080001
- AI195941 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 110 IN DP1094273
- AI195951 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 104 IN DP1094273
- 17 AD833512 EASEMENT FOR SUPPORT AND ENCROACHMENT (DC) (LIMITED IN STRATUM) VARIABLE WIDTH AFFECTING THE PART(S) OF

END OF PAGE 2 - CONTINUED OVER

81541-7

PRINTED ON 30/5/2018

PAGE 2

NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: AUTO CONSOL 8634-245 PAGE 3 ____ SECOND SCHEDULE (18 NOTIFICATIONS) (CONTINUED) _____ 135/1111762 SHOWN SO BURDENED IN DP1111762 (SHEETS 7 & 9). SEE MEMORANDUM AD656678. AH801982 RELEASED IN SO FAR AS IT BENEFITS LOTS 129 AND * 130 DP 1111762 AI195949 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 109 IN DP1094273 AI195946 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 6 IN DP1080001 AI195947 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 101 IN DP1094273 AI195948 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 110 IN DP1094273 AI195950 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 103 IN DP1094273 AI195953 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 104 IN DP1094273 DP1094273 RIGHT OF CARRIAGEWAY (ROC30) (LIMITED IN STRATUM) 18 VARIABLE WIDTH AFFECTING THE PART OF 135/1111762 SHOWN SO BURDENED IN DP1094273 NOTATIONS _____ NOTE: REFER ALL DEALINGS TO SD2 UNREGISTERED DEALINGS: NIL SCHEDULE OF PARCELS TITLE DIAGRAM ------_____ LOT 19 IN DP790323 DP790323 LOT 135 IN DP1111762 DP1111762.

*** END OF SEARCH ***

81541-7

PRINTED ON 30/5/2018

* Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the Information appearing under notations has not been formally recorded in the Register. InfoTrack an approved NSW Information Broker hereby certifies that the information contained in this document has been provided electronically by the Registrar General in accordance with Section 968(2) of the Real Property Act 1900.

Copyright © Office of the Registrar-General 2018

Received: 30/05/2018 15:16:16

+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ ·	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	· +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	· +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	· +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	· +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	· +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ -	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ -	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	· +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ ·	+	+ ·	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ ·	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ -	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ -	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ ·	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ ·	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ ·	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ ·	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ ·	+	+	+	+	+	+	+	+	+
+	- +																																												
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ ·	+	+	+	+	+	+	+	+ (6.
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ -	+	+ ·	+	+	+	+	+	+	+	+	
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ ·	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ ·	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ ·	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ ·	+	+ •	+	+	+	+	+	+	+	+	+
+	- +	+	+	+	+	+	+ -	+ +	- +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ ·	+	+ •	+	+	+	+	+	+	+	+	+



Drawing List

	COVER SHEET
	DRAWING LIST
RFI-028	SITE AREA MEA
RFI-029	BUILDING HEIC
RFI-030	BUILDING HEIC
RFI-031	BUILDING HEIC
RFI-032	FSR COMPLIA
RFI-033	SEBEL HOTEL P
RFI-034	SEBEL HOTEL P

IST EASUREMENT EIGHT SHEET 01 EIGHT SHEET 02 EIGHT SHEET 03

ANT FLOOR PLATE & AREAS PRIVACY IMPACT SHEET 01 PRIVACY IMPACT SHEET 02









© Copyright 2018 p. + 61 (0)2 8274 8200 w. www.fitzpatrickpartners.com a. LEVEL 6, 156 CLARENCE ST, SYDNEY 2000, AUSTRALIA

+partners, Do not scale drawings. Check dimensions before commencing work. Drawings show design intent only. Shop drawings are to be provided for approval prior to construction or manufacture. Inconsistencies are to be reported to fitzpatrick + partners.

CorVal

PROJECT 67 ALBERT AVENUE CHATSWOOD NSW

50mm ON ORIGINAL

STATUS



fitzpatrick+partners

© Copyright 2018 p. + 61 (0)2 8274 8200 w. www.fitzpatrickpartners.com a. LEVEL 6, 156 CLARENCE ST, SYDNEY 2000, AUSTRALIA This drawing is issued upon the condition it is not copied, reproduced, retained or disclosed to any unauthorised person either wholly or in part without prior consent in writing of fitzpatrick Do not scale drawings. Check dimensions before commencing work. Drawings show design intent only. Shop drawings are to be provided for approval prior to construction or manufacture. Inconsistencies are to be reported to fitzpatrick + partners.

orVal

67 ALBERT AVENUE

PROJECT NORTH ()

SCALE @ A3 DRAWING 1:200 FSR COMPLIANT



PRINT DATE 14/06/2018



DRAWING NO. RFI-032



floor to floor	GFA*	GFA*
	proposed	modified
6.00	0m²	0m²
4.00	539m²	418m ²
3.80	559m²	433m ²
3.80	594m²	460m ²
3.80	595m²	461m²
3.80	713m²	553m²
5.50	0m²	0m²
5.50	115m²	89m²
varies	50m²	50m ²
varies	0m²	0m²
varies	0m²	0m²
	10295m ²	7990m ²



fitzpatrick+partners

© Copyright 2018 p. + 61 (0)2 8274 8200 w. www.fitzpatrickpartners.com a, LEVEL 6, 156 CLARENCE ST, SYDNEY 2000, AUSTRALIA

This drawing is issued upon the condition it is not copied, reproduced, retained or disclosed to any unauthorised person either wholly or in part without prior consent in writing of fitzpartick discretioner. +partners, Do not scale drawings. Check dimensions before commencing work. Drawings show design intent only. Shop drawings are to be provided for approval prior to construction or manufacture. Inconsistencies are to be reported to fitzpatrick + partners.



PROJECT 67 ALBERT AVENUE PROJECT NORTH

SCALE @ A3 DRAWING



ISSUE

02



PLAN

ISSUE

02





WINTER 11.30AM

WINTER 12.00PM



WINTER 1.00PM

 \bigcirc



WINTER 2.00PM

fitzpatrick+partners

© Copyright 2017 p. + 61 (0)2 8274 8200 w. www.fitzpatrickpartners.com a. LEVEL 6, 156 CLARENCE ST, SYDNEY 2000, AUSTRALIA This drawing is issued upon the condition it is not copied, reproduced, retained or disclosed to any unauthorised person either wholly or in part without prior consent in writing of fitzpatrick +partners. Do not scale drawings. Check dimensions before commencing work. Drawings show design intent only. Shop drawings are to be provided for approval prior to construction or manufacture. Inconsistencies are to be reported to fitzpatrick + partners.



67 ALBERT AVENUE

3D MODEL OF SURROUNDING CONTEXT BASED ON AVAILABLE INFORMATION PROJECT NORTH SCALE @ A3 DRAWING PRINT DATE PROJECT NO. DRAWING NO. ISSUE

	DRAWING SHADOW / WINTER SO
50mm ON ORIGINAL	21 JUNE

LEGEND

EXISTING SHADOW PROPOSED SHADOW PROPOSED BUILDING





WINTER 3.00PM

ANALYSIS DLSTICE PRINT DATE 11/12/2017

PROJECT NO. 21626 STATUS drawing no. DA-026



DEVELOPMENT APPLICATION



WINTER 12.00PM



WINTER 12.10PM

1111



WINTER 12.20PM



WINTER 12.30AM



WINTER 12.40AM



WINTER 1.00PM

WINTER 1.10PM



WINTER 1.20PM





PROJECT NORTH

 (\land)

WINTER 1.30PM

	WINTER 1.40F	PM
3D MODE		NDING CO
CT NORTH	SCALE @ A3	DRAWING
	NTS	SHADOW AN WINTER SOLS 21 JUNE
	50mm ON ORIGINAL	ZIJONE



© Copyright 2017 p. + 61 (0)2 8274 8200 w. www.fitzpatrickpartners.com a. LEVEL 6, 156 CLARENCE ST, SYDNEY 2000, AUSTRALIA



CLIENT





LEGEND

EXISTING SHADOW PROPOSED SHADOW PROPOSED BUILDING





WINTER 12.50AM



WINTER 1.50PM





9AM

PROPOSED

PROPOSED



EXISTING

EXISTING

10.30AM





EXISTING

9.30AM

PROPOSED

10AM



PROPOSED

1PM

EQUINOX AUTUMN MARCH 21ST

fitzpatrick+partners

© Copyright 2018 p. + 61 (0)2 8274 8200 w. www.fitzpatrickpartners.com a. LEVEL 6, 156 CLARENCE ST, SYDNEY 2000, AUSTRALIA

This drawing is issued upon the condition it is not copied, reproduced, retained or disclosed to any unauthorised person either wholly or in part without prior consent in writing of fitzpatrick Do not scale drawings. Check dimensions before commencing work. work. Drawings show design intent only. Shop drawings are to be provided for approval prior to construction or manufacture. Inconsistencies are to be reported to fitzpatrick + partners.

CLIENT orVal

12.30PM

PROJECT 67 ALBERT AVENUE

EXISTING

PROJECT NORTH	S
\bigcirc	











EXISTING



PROPOSED



EXISTING



PROPOSED



EXISTING



PROPOSED



PRINT DATE 14/06/2018 21626

PROJECT NO. STATUS

DRAWING NO. RFI-035





1.30PM

PROPOSED





3PM

EXISTING

PROPOSED



4.30PM





2PM

PROPOSED



2.30PM

4PM



EXISTING

EXISTING

PROPOSED

PROPOSED

fitzpatrick+partners

© Copyright 2018 p. + 61 (0)2 8274 8200 w. www.fitzpatrickpartners.com a. LEVEL 6, 156 CLARENCE ST, SYDNEY 2000, AUSTRALIA

This drawing is issued upon the condition it is not copied, reproduced, retained or disclosed to any unauthorised person either wholly or in part without prior consent in writing of fitzpatrick Do not scale drawings. Check dimensions before commencing work. work. Drawings show design intent only. Shop drawings are to be provided for approval prior to construction or manufacture. Inconsistencies are to be reported to fitzpatrick + partners.



5PM

PROJECT 67 ALBERT AVENUE

EXISTING

PROJECT NORTH	SCALE @ A3	DRAWING
\bigcirc	1:50,	SUN SHA DIAGRA
	50mm ON ORIGINAL	







PROPOSED



EXISTING



PROPOSED

EQUINOX AUTUMN MARCH 21ST

PRINT DATE 14/06/2018 21626

PROJECT NO. STATUS

DRAWING NO. RFI-036

CONDITIONS OF CONSENT

ISSUE 02



9AM

EXISTING



EXISTING

10.30AM





PROPOSED

PROPOSED



EXISTING

9.30AM

PROPOSED



PROPOSED

PROPOSED



EQUINOX SPRING SEPTEMBER 21ST

fitzpatrick+partners

© Copyright 2018 p. + 61 (0)2 8274 8200 w. www.fitzpatrickpartners.com a. LEVEL 6, 156 CLARENCE ST, SYDNEY 2000, AUSTRALIA

This drawing is issued upon the condition it is not copied, reproduced, retained or disclosed to any unauthorised person either wholly or in part without prior consent in writing of fitzpatrick Do not scale drawings. Check dimensions before commencing work. work. Drawings show design intent only. Shop drawings are to be provided for approval prior to construction or manufacture. Inconsistencies are to be reported to fitzpatrick + partners.

CLIENT orVal

12.30PM

PROJECT 67 ALBERT AVENUE

EXISTING

PROJECT NORTH		
\bigcirc		
()		
\bigcirc		

SCALE @ A3 DRAWING SUN SHADOW DIAGRAM SHEET 03 50mm ON ORIGINAL



EXISTING

1PM

11.30AM



EXISTING

PROPOSED



EXISTING



EXISTING

PROPOSED



PRINT DATE 14/06/2018 21626

PROJECT NO. STATUS

DRAWING NO. RFI-037





1.30PM

PROPOSED





3PM

EXISTING

PROPOSED



4.30PM

EXISTING



2PM





2.30PM

4PM



EXISTING

EXISTING

PROPOSED

PROPOSED

AWING JN SHADOW

fitzpatrick+partners

© Copyright 2018 p. + 61 (0)2 8274 8200 w. www.fitzpatrickpartners.com a. LEVEL 6, 156 CLARENCE ST, SYDNEY 2000, AUSTRALIA

This drawing is issued upon the condition it is not copied, reproduced, retained or disclosed to any unauthorised person either wholly or in part without prior consent in writing of fitzpatrick Do not scale drawings. Check dimensions before commencing work. work. Drawings show design intent only. Shop drawings are to be provided for approval prior to construction or manufacture. Inconsistencies are to be reported to fitzpatrick + partners.



5PM



EXISTING

PROJECT NORTH	SCALE @ A3	dr/ SU DI
L		

50mm ON ORIGINAL



EXISTING

PROPOSED



EXISTING



PROPOSED

EQUINOX SPRING SEPTEMBER 21ST



PRINT DATE 14/06/2018 21626

PROJECT NO. STATUS

DRAWING NO. RFI-038





HFW Australia 1 Bligh Street Sydney NSW 2000 Australia

T +61 (0)2 9320 4600 **F** +61 (0)2 9320 4666

hfw.com

Philippa Houghton CorVal Partners Limited Level 13, 9 Hunter Street SYDNEY NSW 2017

Your Ref:	Philippa Houghton	Direct Li	ne: +61 (0)2 9320 4647	Date:	29 November 2017	
Our Ref:	THW:SML:81541/7	Email:	thomas.wait@hfw.com			

Dear Philippa

Development Application Advice Property: 67 Albert Avenue, Chatswood

We have completed our review of auto consol 8634-245 (**Title**) and enclose a summary of the Registered Encumbrances, Easements and Interests on Title together with details of the parties benefited and burdened (**Schedule**).

Over time, the original parties and lots benefited and burdened have changed (due to transfers of land or subdivisions). To simplify things, we have highlighted in yellow in the Schedule those parties who are currently affected by each notation and included a summary at the bottom of each notation clearly specifying where consent is required.

We further comment on the relevant registered encumbrances, easements and interests as follows:

1. Item 7: Right of footway (W):

Any dealing with this easement will require the consent of The Council of the Municipality of Willoughby.

2. Item 8: Easement for support (E):

Any dealing with this easement will require the consent of The Council of the Municipality of Willoughby (whom we understand to be the owner of both Dalton Street and Orchard Road).

3. Item 9: Easement for drainage over existing line of pipes (F):

Any dealing with this easement will require the consent of each party benefited and burdened (listed below) as well as any mortgagee or lessee who has a registered interest in the land burdened and benefited being:

Beirut Brussels Dubai Geneva Hong Kong Houston Kuwait London Melbourne Paris Perth Piraeus Riyadh São Paulo Shanghai Singapore Sydney Holman Fenwick Willan LLP and its affiliates and HFW Australia, an Australian partnership, are separate member firms of the international legal practice known as HFW

HFW

- The owners of Dalton Street
- 24/868835 The Council of the City of Willoughby
- Lots 1-203 & CP in SP54893 The Owners Strata Plan No. 54893
- 129/1111762 & 130/1111762 Cessleigh Pty Limited
- 103/1094273 Transport for NSW and Rail Corporation New South Wales
- 104/1094273 The Council of the City of Willoughby
- 105/1094273 Venus Chatswood Pty Limited
- 109/1094273 Rail Corporation NSW
- 1-147 & CP in SP 88677 The Owners Strata Plan No. 88677

4. Item 10: Easement for standby (N):

This easement no longer benefits any party. Accordingly, an application can now be made to Land Registry Services (formally known as Land & Property Information) to have it removed from Title.

5. Item 11: Easement to drain sewage over existing line of pipes (P):

Any dealing with this easement will require the consent of the State Rail Authority of NSW and the Water Board (Sydney Water).

6. Item 12: Easement for electricity purposes (S):

Any dealing with this easement will require the consent of Sydney County Council whom we understand is now Ausgrid.

7. Item 14 (Easement for overhanging awning (MB)):

You should make enquiries as to whether the overhanging awning still exists. If not, you should be seeking a release from The Council of the City of Willoughby and The Owners – Strata Plan No. 548963 for the removal of the easement from Title.

8. Item 15 (Easement for encroaching structures to remain (MA)):

You should make enquiries as to whether the encroaching structures still exists. If not, you should be seeking a release from The Council of the City of Willoughby and The Owners – Strata Plan No. 548963 for the removal of the easement from Title.

HFW

9. Item 16 (Right of Footway (WW)):

Any dealing with this easement will require the consent of each party benefited (listed below) as well as any mortgagee or lessee who has a registered interest in the land burdened and benefited being:

- 103/1094273 Transport for NSW and Rail Corporation New South Wales
- 105/1094273 Venus Chatswood Pty Limited
- 1-147 & CP in SP 88677 The Owners Strata Plan No. 88677

10. Item 17 (Easement for support and encroachment (DC)):

We note that:

- (a) a number of lots originally benefited have released this easement; and
- (b) you mentioned that there is a garden now where the easements is situated.

You should therefore make enquiries as to whether the easement for support is still required or whether the encroachment still exists. If not, you should be seeking a release from Venus Chatswood Pty Limited and 1-147 & CP in SP 88677 - The Owners – Strata Plan No. 88677 for the removal of the easement from Title.

11. Item 18 (Right of carriageway (ROC30)):

Any dealing with this easement will require the consent of each party benefited (listed below) as well as any mortgagee or lessee who has a registered interest in the land burdened and benefited being:

- 105/1094273 Venus Chatswood Pty Limited
- 109/1094273 Rail Corporation New South Wales
- 1-147 & CP in SP 88677 The Owners Strata Plan No. 88677

NEXT STEPS

At this stage we have ascertained what easements need to be varied or extinguished as a result of the proposed development. However, the most appropriate time for further investigating and implementing the required actions to these easements is following determination of the development application, when the impacts can be fully quantified. Once we have confirmed the easements affected and any required amendments to the easements, we will then be able to provide you with the appropriate advice in respect of



the requirements of NSW Land Registry Services. At this stage, there is nothing preventing Council's determination of this application separately from determining the required actions in respect of the easements.

However, as a guide we note the following requirements which are applicable in respect of the proposed development:

- 1. an easement may be released by means of an appropriate dealing (Transfer Releasing Easement, Request etc) registered in NSW Land Registry Services;
- 2. the Registrar General may cancel an easement recorded in the Register on the basis that it has been abandoned. An easement may be treated as abandoned if the Registrar General is satisfied that it has not been used for at least 20 years;
- 3. the terms or the site of an easement may be varied. A variation of easement dealing is prepared and lodged for registration in NSW Land Registry Services. It should contain the terms of the variation and be signed by the registered proprietors of the land benefited and burdened by the easement.

If you require any further information please do not hesitate to contact us.

Yours sincerely

d

THOMAS WAIT Partner HFW Australia

	AUTO CONSOL: 8634-245 SCHEDULE OF PARCELS TITLE DIAGRAM					
	LOT 19 IN DP790323 LOT 135 IN DP1111762					
Registered Encumbrances, Easements and Interests Burdened			Benefited	Comments		
Item 1. Reservations and conditions in the crown grant(s) within the						
	Part(s) shown so indicated in the title diagram					

		Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Iten	n 2.	Land excludes minerals as regards the parts of Lot 135 shown in DP1111762 - see S700000A			

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 3.	DP790323 DP1111762 the land within described is limited to strata in the manner indicated in DP790323 & DP1111762			

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 4.	Land above described is road as regards Lot 19 in DP790323 vested in the council by sec. 232 Local Government Act 1919			

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 5.	DP643247			Easement benefits Lot 19
	Easement for support (D) appurtenant to Lot 19 in DP790323			

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 6.	DP643247 Easement for support (E) affecting the part of Lot 19 DP790323 shown so burdened in DP643247	Lot 19	Road benefited - Orchard Road (between the 2 parts of 19/DP790323)	The location of the easements will not impact on the development as the location falls within the footprint of the existing 67 Albert building.

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 7.	DP642723 Right of footway (W) affecting the part of Lot 135 in DP1111762 shown so burdened in the title diagram	1/790011 then 133/1111762 135/1111762 The Council of the City of Willoughby – 67 Albert Ave then 101/1094273 Rail Corporation New South Wales* 102/1094273 103/1094273 Transport for NSW and Rail Corporation New South Wales* 104/1094273 Willoughby City Council* 105/1094273 Venus Chatswood Pty Limited* 106/1094273 107/1094273 108/1094273	The Council of the Municipality of Willoughby	The easement will impact on the development as the easement falls within Lot 135 of DP1111762. This easement allows full, free and unimpeded right for the Council and any person authorised by it to go pass and repass on foot at all times and for all purposes.

Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
	Rail Corporation New South Wales*		
	110/1094273		
	Railway Corporation New South Wales*		
	then		
	300-302 in DP1186405		
	then		
	1-147 & CP in SP 88677		
	The Owners – Strata Plan No. 88677*		
	*No longer burdened		
	Lots 3, 5 and 6 in DP790011		
	then		
	Lots 12-16 in DP 817116		
	then		
	Lots 129 & 130 in DP1111762		
	Cessleigh Pty Limited*		
	*No longer burdened		

	20 and 21 in DP790323 then		
	Lots 12-16 in DP 817116		
	then		
	Lots 129 & 130 in DP1111762		
	Cessleigh Pty Limited*		
	*No longer burdened		
(W) requires the conser	nt of:		
The Council of the Municipality of Willoughby			

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 8.	DP790011 Easement for support (E) (limited in stratum) affecting the part of Lot 135 in DP1111762 shown so burdened in the title diagram	1/790011 then 133/1111762 135/1111762 The Council of the City of Willoughby – 67 Albert Ave then 101/1094273 Rail Corporation New South Wales* 102/1094273 103/1094273 103/1094273 Transport for NSW and Rail Corporation New South Wales* 104/1094273 Willoughby City Council* 105/1094273 Venus Chatswood Pty Limited* 106/1094273 107/1094273 108/1094273	Road benefited - Dalton Street and Orchard Road.	The easement will impact on the development as the easement falls within Lot 135 of DP1111762. This easement allows full and free right for every person who is at any time entitled to an estate or interest in possession in the lot benefited to be erected upon the lot benefited or any part thereof to be supported vertically and horizontally by the soil of the lot burdened or any part thereof and by all pillars, beams, columns, slabs and walls wherever standing for the time being upon, above or across such soil of the lot burdened. This right is subject to the proviso that the proprietor of the lot burdened is able to use such part of the lot as is burdened for any purpose permitted by law not inconsistent with the rights of the easement.

Rail Corporation New South Wales* 110/1094273 Railway Corporation New South Wales* then		
Railway Corporation New South Wales* then		
South Wales* then		
200 202 in DD1196405		
300-302 in DP1186405		
then		
1-147 & CP in SP 88677		
The Owners – Strata Plan No. 88677*		
*No longer burdened		
t	1-147 & CP in SP 88677 The Owners – Strata Plan No. 88677* *No longer burdened	1-147 & CP in SP 88677 The Owners – Strata Plan No. 88677* *No longer burdened

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 9.	DP790011 Easement for drainage over existing line of pipes (F) affecting the part of Lot 135 in DP1111762 shown so burdened in the title diagram	1/790011 then 133/111762 135/1111762 The Council of the City of Willoughby – 67 Albert Ave then 101/1094273 Rail Corporation New South Wales* 102/1094273 103/1094273 Transport for NSW and Rail Corporation New South Wales 104/1094273 Willoughby City Council 105/1094273 Venus Chatswood Pty Limited 106/1094273 107/1094273 108/1094273	Road benefited - Dalton Street2/790011then21/853200 & 22/853200then23/868835 & 24/868835The Council of the City of WilloughbythenLots 1-203 & CP in SP54893The Owners – Strata Plan No. 54893McCormacks Strata Management, Level 2, 275 George Street, Sydney3/790011thenLots 12 to 16 in DP817116then129/1111762 & 130/1111762Cessleigh Pty Limited	The easement will impact on the development as the easement falls within Lot 135 of DP1111762. The easement allows full and free right for the Council of the Municipality of Willoughby and every person authorised by it to drain water, whether rain, storm, spring, soakage or seepage water in any quantities from Dalton Street and to discharge storm water into the existing line of pipes.
Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments	
---	---	--	----------	
	Rail Corporation New South Wales110/1094273Railway Corporation New South Wales*then300-302 in DP1186405then1-147 & CP in SP 88677The Owners – Strata Plan No. 88677*No longer burdened	 4/790011 then 40 & 41 DP802469 then Lots 12 to 16 in DP817116 then 129/1111762 & 130/1111762 Cessleigh Pty Limited 5/790011 then Lots 12 to 16 in DP817116 then 129/1111762 & 130/1111762 Cessleigh Pty Limited 6/790011 then 61 & 62 in DP864346 then 101/1094273 Rail Corporation New South 		

Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
		Wales*	
		102/1094273	
		103/1094273	
		Transport for NSW and Rail Corporation New South Wales*	
		<mark>104/1094273</mark>	
		Willoughby City Council	
		<mark>105/1094273</mark>	
		Venus Chatswood Pty Limited	
		106/1094273	
		107/1094273	
		108/1094273	
		<mark>109/1094273</mark>	
		Rail Corporation NSW	
		110/1094273	
		Rail Corporation NSW	
		then	
		300-302 in DP1186405	
		then	
		1-147 & CP in SP 88677	

Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
		The Owners – Strata Plan No. 88677	
		Netstrata PO Box 265 Hurstville NSW 1481	
		* Easement released from title	
(F) requires the consen	t of:		
- The owners of Da	Iton Street		
- 24/868835 - The	Council of the City of Willoughby		
- Lots 1-203 & CP i	in SP54893 - The Owners – Strata P	lan No. 54893	
- 129/1111762 & 130/1111762 - Cessleigh Pty Limited			
- 104/1094273 - W	illoughby City Council		
- 105/1094273 - Venus Chatswood Pty Limited			
- 109/1094273 - Rail Corporation NSW			
- 1-147 & CP in SP	88677 - The Owners – Strata Plan N	No. 88677	

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 10.	DP790011 Easement for standby (N) (limited in stratum) affecting the part of Lot 135 in DP1111762 shown so burdened in the title diagram	1/790011 then 133/1111762 135/1111762 The Council of the City of Willoughby – 67 Albert Ave then 101/1094273 Rail Corporation New South Wales* 102/1094273 103/1094273 103/1094273 Transport for NSW and Rail Corporation New South Wales* 104/1094273 Willoughby City Council* 105/1094273 Venus Chatswood Pty Limited 106/1094273 107/1094273 108/1094273	3/790011 then Lots 12 to 16 in DP817116 then 129/1111762 & 130/1111762* Cessleigh Pty Limited * <i>Easement released from title</i>	The easement will impact on the development as the easement falls within Lot 135 of DP1111762. Subject to the consent of the proprietor of the lot burdened (among other covenants), the easement allows full and free right for every person who is at any time entitled to an estate or interest in the lot benefited or any part thereof with which the right is capable of enjoyment and every person authorised by it from time to time and at all times to enable the proprietor of the lot benefited access to and egress from the lot benefited with and without heavy machines and materials and for the temporary storage of the same and for the temporary placement of scaffolding, cranes and other equipment or implements.

Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
	Rail Corporation New South Wales*		
	110/1094273		
	Railway Corporation New South Wales*		
	then		
	300-302 in DP1186405		
	then		
	1-147 & CP in SP 88677		
	The Owners – Strata Plan No. 88677		
	*No longer burdened		
(N) requires the consen N/A – can be removed	it of:		

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 11.	DP790011 Easement to drain sewage over existing line of pipes (P) affecting the part of Lot 135 in DP1111762 shown so burdened in the title diagram	1/DP790011 then 133/1111762 135/1111762 The Council of the City of Willoughby – 67 Albert Ave then 101/1094273 Rail Corporation New South Wales* 102/1094273 103/1094273 Transport for NSW and Rail Corporation New South Wales* 104/1094273 Willoughby City Council* 105/1094273 Willoughby City Council* 106/1094273 107/1094273 108/1094273 108/1094273 108/1094273	State Rail Authority of NSW and Water Board	The easement will impact on the development as the easement falls within Lot 135 of DP1111762. The easement allows full and free right for every person who is at any time entitled to an estate or interest in possession in the lot benefited or any part thereof which the right shall be capable of enjoyment and every person authorised by him from time to time and at all times by means of pipes to drain sewage and other waste material.

Easements and Interests			
	Rail Corporation New South Wales*		
	110/1094273		
	Railway Corporation New South Wales*		
	then		
	300-302 in DP1186405		
	then		
	1-147 & CP in SP 88677		
	The Owners – Strata Plan No. 88677*		
	*No longer burdened		
	5/DP790011	-	
	then		
	Lots 12-16 in DP 817116		
	then		
	Lots 129 & 130 in DP1111762		
	Cessleigh Pty Limited*		
	*No longer burdened		

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 12.	DP790011 Easement for electricity purposes (S) (limited in stratum) affecting the part of Lot 135 in DP1111762 shown so burdened in the title diagram	1/DP790011 then 133/1111762 135/1111762 The Council of the City of Willoughby – 67 Albert Ave then 101/1094273 Rail Corporation New South Wales* 102/1094273 103/1094273 Transport for NSW and Rail Corporation New South Wales* 104/1094273 Willoughby City Council* 105/1094273 Venus Chatswood Pty Limited* 106/1094273 107/1094273 108/1094273	Sydney County Council	The easement will impact on the development as the easement falls within Lot 135 of DP1111762. The easement allows for full right, leave, liberty and licence for the Sydney County Council, its agents, servants and workmen to erect, construct and place, repair, renew, inspect, maintain and remove overhead electric mains and other apparatus.

Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
	Rail Corporation New South Wales*	'	
	110/1094273		
	Railway Corporation New South Wales*		
	then		
	300-302 in DP1186405		
	then		
	1-147 & CP in SP 88677		
	The Owners – Strata Plan No. 88677*		
	*No longer burdened		
(P) requires the consen Sydney County Council	it of:		

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 13.	Lease Y910526			

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments		
Item 14.	DP267690 Easement for overhanging awning (MB) (limited in stratum) affecting the part of Lot 135 in DP1111762 shown so burdened in the title diagram	Auto Consol 8634-245 being 135/1111762 & 19/790323 The Council of the City of Willoughby – 67 Albert Ave 13/817116 then Lots 129 & 130 in DP1111762 Cessleigh Pty Limited* *No longer burdened	23/DP868835 and 24/DP868835 The Council of the City of Willoughby then Lots 1-203 & CP in SP 54893 The Owners – Strata Plan No. 54893 McCormacks Strata Management Level 2, 275 George Street Sydney NSW 2000	The easement will impact on the development as the easement falls within Lot 135 of DP1111762. This easement permits the overhanging awning and maintenance to same. However, if the owner of the lot burdened wishes to redevelop the lot, it can give notice to reduce the easement site but only to the extent necessary to allow the redevelopment proposal to proceed.		
	- 24/DP868835 - T	MB) requires the consent of: 24/DP868835 - The Council of the City of Willoughby Lots 1-203 & CP in SP 54893 - The Owners – Strata Plan No. 54893				

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 15.	DP267690 Easement for encroaching structures to remain (MA) (limited in stratum) affecting the part of Lot 135 in DP1111762 shown so burdened in the title diagram	Auto Consol 8634-245 being 135/1111762 & 19/790323 The Council of the City of Willoughby – 67 Albert Ave	23/DP868835 and 24/DP868835 The Council of the City of Willoughby then Lots 1-203 & CP in SP 54893 The Owners – Strata Plan No. 54893 McCormacks Strata Management Level 2, 275 George Street Sydney NSW 2000	The easement will impact on the development as the easement falls within Lot 135 of DP1111762. This easement permits an encroaching structure. However, if the owner of the lot burdened wishes to redevelop the lot, it can give notice to reduce the easement site but only to the extent necessary to allow the redevelopment proposal to proceed.
		e nt of: he Council of the City of Willoughby in SP 54893 - The Owners – Strata F	Plan No. 54893	

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 16.	AD833515 Right of footway (WW) (limited in stratum) variable width affecting the part(s) of 135/1111762 shown so burdened in DP1111762 (sheet 9). * AH801981 released in so far as it benefits Lots 129 and 130 DP 1111762 * AI195940 easement released in so far as it benefits Lot 109 in DP1094273 * AI195938 easement released in so far as it benefits Lot 101 in DP1094273 * AI195939	135/111762 The Council of the City of Willoughby – 67 Albert Ave	129/1111762Cessleigh Pty Limited*130/1111762Cessleigh Pty Limited** Easement released from title131 to 133 in DP1111762then101/1094273Rail Corporation New South Wales*102/1094273103/1094273Transport for NSW and Rail Corporation New South Wales104/1094273Willoughby City Council*105/1094273Venus Chatswood Pty Limited106/1094273	The easement will impact on the development as the easement falls within Lot 135 of DP1111762. The easement allows for full, free and unimpeded right for every person who is at any time entitled to an estate or interest in possession of the lots having the benefit of this easement to go, pass and repass on foot at all times for all purposes, including but not limited to fire egress. In the event that the proprietor of the lot burdened proposes to vary, demolish and/or redevelop the land or structures on that lot which will or may affect the easement hereby granted in whole or in part (the "Affecting Development"), the proprietor of the lots benefited will not unreasonably withhold its consent to a variation, modification or release of this easement to accommodate the Affecting Development, provided that either a variation or modification of this easement or an alternate form of easement conferring equivalent rights is granted on terms satisfactory to the proprietor of the lots benefited.

Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
 easement released in so far as it benefits Lot 6 in DP1080001 * Al195941 easement released in so far as it benefits Lot 110 in DP1094273 * Al195951 easement released in so far as it benefits Lot 104 in DP1094273 		107/1094273 108/1094273 109/1094273 Rail Corporation NSW* 110/1094273 Rail Corporation NSW* 110/1094273 Rail Corporation NSW* then 300-302 in DP1186405 then 1-147 & CP in SP 88677 The Owners – Strata Plan No. 88677 Netstrata PO Box 265 Hurstville NSW 1481 * Easement released from title 61/864346 then 101/1094273 Rail Corporation New South Wales* 102/1094273	The remaining lots affected are: 131/1111762 (now 101/1094273- 110/1094273) 132/1111762 (now 101/1094273- 110/1094273) 133/1111762 (now 101/1094273- 110/1094273)

Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
		103/1094273	
		Transport for NSW and Rail Corporation New South Wales	
		104/1094273	
		Willoughby City Council*	
		<mark>105/1094273</mark>	
		Venus Chatswood Pty Limited	
		106/1094273	
		107/1094273	
		108/1094273	
		109/1094273	
		Rail Corporation NSW*	
		110/1094273	
		Rail Corporation NSW*	
		then	
		300-302 in DP1186405	
		then	
		1-147 & CP in SP 88677	
		The Owners – Strata Plan No. 88677	
		Netstrata	

Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
		PO Box 265 Hurstville NSW 1481	
		* Easement released from title	
		2 to 5 in DP1080001	
		then	
		101/1094273	
		Rail Corporation New South Wales*	
		102/1094273	
		<mark>103/1094273</mark>	
		Transport for NSW and Rail Corporation New South Wales	
		104/1094273	
		Willoughby City Council*	
		<mark>105/1094273</mark>	
		<mark>Venus Chatswood Pty</mark> Limited	
		106/1094273	
		107/1094273	
		108/1094273	
		109/1094273	

Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments	
		Rail Corporation NSW*		
		110/1094273		
		Rail Corporation NSW*		
		then		
		300-302 in DP1186405		
		then		
		1-147 & CP in SP 88677		
		The Owners – Strata Plan No. 88677		
		<mark>Netstrata</mark> PO Box 265 Hurstville NSW 1481		
		* Easement released from title		
		6/1080001	-	
		Rail Corporation New South Wales*		
		* Easement released from title		
(WW) requires the c	onsent of:			
- 103/1094273				
- 105/1094273	- Venus Chatswood Pty Limi	ted		
- 1-147 & CP in	SP 88677 - The Owners - S	Strata Plan No. 88677		

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 17.	AD833512 Easement for support and encroachment (DC) (limited in stratum) variable width affecting the part(s) of 135/1111762 shown so burdened in DP1111762 (sheets 7 & 9). See memorandum AD656678. * AH801982 released in so far as it benefits Lots 129 and 130 DP 1111762 * AI195949 easement released in so far as it benefits Lot 109 in DP1094273 * AI195946 easement released in so far as it benefits Lot 109 in DP1094273	135/111762 The Council of the City of Willoughby – 67 Albert Ave 134/111762 The Council of the City of Willoughby	129/1111762 Cessleigh Pty Limited* 130/1111762 Cessleigh Pty Limited* 131 to 133 in DP1111762 and 61/864346 then 101/1094273 Rail Corporation New South Wales* 102/1094273 103/1094273 Transport for NSW and Rail Corporation New South Wales* 104/1094273 Willoughby City Council* 105/1094273 Willoughby City Council* 106/1094273 106/1094273	The easement will impact on the development as the easement falls within 135 DP 1111762. The easement allows for a full, free and unimpeded right for every person who is at any time entitled to an estate or interest in possession of the lots having the benefit of this easement to have the lots benefited and all structures erected on the lots benefited supported vertically, horizontally and laterally by the lots burdened and any structures, improvements or fixtures constructed or installed from time to time on the lots burdened. In the event that the proprietor of the Lots Burdened proposes to vary, demolish and/or redevelop the land or structures on the Lots Burdened which will or may affect the easement hereby granted in whole or in part (the "Affecting Development"), the Benefiting Party will not unreasonably withhold its consent to a variation, modification or release of this easement to accommodate the Affecting Development, provided that either a variation or modification of this easement or an alternate form of easement conferring equivalent rights

Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
 DP1080001 * Al195947 easement released in so far as it benefits Lot 101 in DP1094273 * Al195948 easement released in so far as it benefits Lot 110 in DP1094273 * Al195950 easement released in so far as it benefits Lot 103 in 		108/1094273 109/1094273 Rail Corporation NSW* 110/1094273 Rail Corporation NSW* then 300-302 in DP1186405 then 1-147 & CP in SP 88677 The Owners – Strata Plan No. 88677 Netstrata PO Box 265 Hurstville NSW 1481 * Easement released from title	is granted on terms satisfactory to the Benefiting Party. The remaining lots affected are: 131/1111762 (now 101/1094273- 110/1094273) 132/1111762 (now 101/1094273- 110/1094273) 133/1111762 (now 101/1094273- 110/1094273)

Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
 DP1094273 * AI195953 easement released in so far as it benefits Lot 104 in DP1094273 		2 to 5 in DP1080001 then 101/1094273 Rail Corporation New South Wales* 102/1094273 103/1094273 Transport for NSW and Rail Corporation New South Wales* 104/1094273 Willoughby City Council* 105/1094273 Venus Chatswood Pty Limited 106/1094273 108/1094273 108/1094273 Rail Corporation NSW* 110/1094273 Rail Corporation NSW*	

Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
		then	
		300-302 in DP1186405	
		then	
		1-147 & CP in SP 88677	
		The Owners – Strata Plan No. 88677	
		Netstrata PO Box 265 Hurstville NSW 1481	
		* Easement released from title	
		6/1080001	
		Rail Corporation New South Wales*	
		* Easement released from title	
 (DC) requires the consent of: 105/1094273 - Venus Chatswood Pty Limited 1-147 & CP in SP 88677 - The Owners – Strata Plan No. 88677 			

	Registered Encumbrances, Easements and Interests	Burdened	Benefited	Comments
Item 18.	DP1094273 Right of carriageway (ROC30) (limited in stratum) variable width affecting the part of 135/1111762 shown so burdened in DP1094273	135/111762 The Council of the City of Willoughby – 67 Albert Ave	102/1094273 103/1094273 Transport for NSW and Rail Corporation New South Wales* 105/1094273 Venus Chatswood Pty Limited 106/1094273 107/1094273 108/1094273 109/1094273 Rail Corporation New South Wales then 300-302 in DP1186405 then 1-147 & CP in SP 88677 The Owners – Strata Plan No. 88677 Netstrata PO Box 265 Hurstville NSW 1481	The easement will impact on the development as the easement falls within Lot 135 of DP1111762. This easement permits full and free right owners of the lots benefited, its authorised users and members of the public, to go, pass and repass at all times and for all purposes. The owner of the lot burdened may, if it proposes to redevelop the lot burdened, vary the easement site (subject to various conditions).

	nbrances, nents and	Burdened	Benefited	Comments
(ROC30) requires the consent of:				
- 105/1094273 – Venus Chatswood Pty Limited				
- 109/1094273 - Rail Corporation New South Wales				
-	1-147 & CP in SP	88677 - The Owners – Strata Plan No	o. 88677	

срр

FINAL REPORT



Wind Assessment for: 67 ALBERT AVENUE Chatswood, Australia

Prepared for: CorVal Partners c/- PDS Group Level I, 63 York Street Sydney NSW 2000

Prepared by: Thomas Evans, Project Engineer Graeme Wood, Director

May 2018

CPP Project: 11236

DOCUMENT VERIFICATION

Date	Revision	Prepared by	Checked by	Approved by
24/03/17	Initial release for review	TXE	GSW	GSW
12/04/17	Updated drawings	TXE	TXE	TXE
05/05/17	Updated drawings	TXE	TXE	TXE
08/05/17	Minor edit	TXE	TXE	TXE
10/05/17	Drawing Update	TXE	TXE	TXE
29/05/18	Minor edit	TXE		TXE

TABLE OF CONTENTS

ntroduction	2
ydney Wind Climate	3
nvironmental Wind Speed Criteria	5
nvironmental Wind Assessment	6
Conclusions	9
eferences	10

TABLE OF FIGURES

Figure 1: Location of the proposed development (T)(Google Earth, 2017), Aerial view of site (B)	
(Fitzpatrick and Partners)	2
Figure 2: Render of proposed development, viewed from the south-west	3
Figure 3: Wind rose of direction and speed for Sydney Airport	4
Figure 4: Flow visualisation around a tall building	4
Figure 5: South (L) and west (R) elevations of proposed development	6
Figure 6: Upper ground floor plan of proposed development	7
Figure 7: Level 14 floor plan	9

TABLE OF TABLES

Ν

Ν

Introduction

Cermak Peterka Petersen Pty. Ltd. has been engaged by CorVal Partners to provide an opinion based assessment of the impact of the proposed development at 67 Albert Avenue, Chatswood, on the pedestrian level local wind environment.

The site is located on the south-eastern edge of the Chatswood CBD massing, Figure 1, approximately 7.5 km to the north-west of the Sydney CBD. The focus of this assessment is a proposed new 80 m tall commercial building with a rounded rectangular planform. An indicative drawing is shown in Figure 2.



Figure 1: Location of the proposed development (T)(Google Earth, 2017), Aerial view of site (B) (Fitzpatrick and Partners)

CDD May 2018



Figure 2: Render of proposed development, viewed from the south-west

Sydney Wind Climate

To enable a qualitative assessment of the wind environment, the wind frequency and direction information measured by the Bureau of Meteorology at a standard height of 10 m at Sydney Airport from 1995 to 2015 have been used in this analysis, Figure 3. It is noted from Figure 3 that strong prevailing winds are organised into three main groups which centre at about north-east, south, and west. This wind assessment is focused on these prevailing strong wind directions.

Strong summer winds occur mainly from the south quadrant and the north-east. Winds from the south are associated with large synoptic frontal systems and generally provide the strongest gusts during summer. Moderate intensity winds from the north-east tend to bring cooling relief on hot summer afternoons typically lasting from noon to dusk. These are small-scale temperature driven effects; the larger the temperature differential between land and sea, the stronger the breeze. The site location is further inland than Sydney airport, so the local strength of the winds from the north-east would be lower than measured at the airport.

Winter and early spring winds typically occur from the south and west quadrants. West quadrant winds provide the strongest winds affecting the area throughout the year.

срр



Figure 3: Wind rose of direction and speed for Sydney Airport

Wind Flow Mechanisms

When the wind hits a large isolated building, the wind is accelerated down and around the windward corners, Figure 4; this flow mechanism is called downwash and causes the windiest conditions at ground level on the windward and sides of the building. In Figure 4 smoke is being released into the wind flow to allow the wind speed, turbulence, and direction to be visualised. The image on the left shows smoke being released across the windward face, and the image on the right shows smoke being released into the flow at about third height in the centre of the face.



Figure 4: Flow visualisation around a tall building

Techniques to mitigate the effects of downwash winds on pedestrians include the provision of horizontal elements, the most effective being a podium to divert the flow away from pavements and building entrances. Awnings along street frontages perform a similar function and the deeper the horizontal element generally the more effective it will be in diverting the flow.

Channelling occurs when the wind is accelerated between two buildings or along straight streets with buildings on either side.

Environmental Wind Speed Criteria

It is generally accepted that wind speed and the rate of change of wind velocity are the primary parameters that should be used in the assessment of how wind affects pedestrians. Over the years, a number of researchers have added to the knowledge of wind effects on pedestrians by suggesting criteria for comfort and safety. Because pedestrians will tolerate higher wind speeds for a smaller period of time than for lower wind speeds, these criteria provide a means of evaluating the overall acceptability of a pedestrian location. A location can further be evaluated for its intended use, such as for an outdoor café or footpath.

The current Willoughby City Council (2006) Development Control Plan (DCP) has no specific wind controls for the area, but makes reference to the criteria of Melbourne (1978), which specify a maximum wind speed of 10 m/s for retail/restaurant spaces, and 13 m/s for pedestrian streets and open spaces. This is a maximum 3 s gust wind speed in an hour, occurring for 0.1% of the time from each direction. The limiting wind speeds are intended to be interpreted as a comfort rather than a safety criteria. The work of Melbourne (1978), uses the infrequent gust wind event as an estimator of the general wind conditions at a site. To combat this limitation, the current study is based upon the criteria of Lawson (1990), which are described in Table 1 for both pedestrian comfort and distress. The limiting criteria are defined for both a mean and gust equivalent mean (GEM) wind speed. The criteria based on the mean wind speeds define when the steady component of the wind causes discomfort, whereas the GEM wind speeds define when the wind gusts cause discomfort.

Comfort	(maximum of mean or gust equivalent mean (GEM ⁺) wind speed exceeded 5% of the time)
< 4 m/s	Pedestrian Sitting (considered to be of long duration)
4 - 6 m/s	Pedestrian Standing (or sitting for a short time or exposure)
6 - 8 m/s	Pedestrian Walking
8 - 10 m/s	Business Walking (objective walking from A to B or for cycling)
> 10 m/s	Uncomfortable
Distress ((maximum of mean or GEM wind speed exceeded 0.022% of the time)
<15 m/s	not to be exceeded more than two times per year (or one time per season) for general access
	not to be exceeded more than two times per year (or one time per season) where only able
	bodied people would be expected; frail or cyclists would not be expected

Table 1: Pedestrian comfort criteria for various activities

Assessment using the Lawson criteria generally provides a similar level of stringency to the Melbourne criteria referenced in the Willoughby DCP, however also provides additional information regarding the serviceability of the wind climate. It is noted that there are few areas in Sydney that would satisfy the DCP criteria without local mitigation measures.

Environmental Wind Assessment

The proposed development is located on a block bounded by Remembrance Park, Albert Avenue, Victor Street, and Post Office Lane. Chatswood Station is to the immediate west, and to the south is the open region of Chatswood Park and the adjacent train line. The site is surrounded by medium to high rise developments in all other directions. The proposed tower has rounded corners and a stepped upper façade as shown in Figure 5. The upper ground floor features an exposed colonnade along the south, west, and east facades underneath overhanging upper levels. Topography around the site is predominantly flat from a wind perspective with winds from the south being channelled up the railway corridor.



Figure 5: South (L) and west (R) elevations of proposed development

Winds from the north-east

Winds from the north-east will be channelled between the adjacent tall buildings to the north and east of the subject site, which will cause acceleration of the flow impinging on the proposed development. The oblique orientation of the tower relative to the oncoming wind will encourage flow to pass horizontally around the façade rather than generating downwash. The compound massing of low-to-medium rise neighbouring buildings to the immediate north-east of the site will provide significant shielding from winds from this direction at lower levels. The inclusion of the proposed development will provide shielding from north-easterly winds for the Remembrance Park area.

Winds from the south

Winds from the south approach the site over the relatively open region of Chatswood Park, Remembrance Park, and along the train line. Established tall trees and landscaping in these areas will improve the wind conditions on the ground plane. The proposed development will experience shielding from winds from the south due to the neighbouring 16- storey tower to the immediate south. Winds from the south will be directed along the ground-floor colonnade and expand into the undercut forecourt area. This area is expected to experience conditions suitable for short-term or transient use during winds from the south, however amelioration in the form of temporary or permanent vertical screening elements would be suggested in addition to the landscaped terrace edge if conditions suitable for long term stationary activity are required.



Figure 6: Upper ground floor plan of proposed development

Winds from the west

Winds from the western quadrant will be significantly ameliorated by the general massing of Chatswood CBD, however some flow will be channelled along the relatively open corridor of Thomas Street towards the subject site. Winds from this direction would impinge orthogonally on the narrow tower façade, generating downwash flow at the ground plane windward corners. The undercut design of the ground floor will exaggerate this effect on the upper ground level as flow will accelerate under the tower corners. Flow will also be accelerated between the proposed development and the closely spaced towers to the north and south, creating strong breezes in these areas. The combination of these mechanisms will most strongly affect the undercut colonnade, pedestrian stairs and thoroughfare to the south of the main entry. This area would be comfortable for short-term or transient use, typical of a pedestrian thoroughfare. If non-transient activities such as sitting or dining are intended for this area, mitigation measures such as distributed vertical screening and additional landscaping could be used to improve the wind amenity. The main entry to the lobby is well located, however the effectiveness of the revolving door in preventing wind effects in the lobby will be minimised by the two entrances to the café/bar area. A small amount of downwash flow would be expected to reach the Remembrance Park area during winds from the west, however would not significantly impact pedestrian comfort.

Upper level terraces

The proposed development features outdoor terraces on the four upper levels of the southern façade, Figure 7. Elevated balconies are usually amongst the windiest locations on developments, due to their relative exposure to prevailing strong winds and lack of protection from accelerated flows. Amelioration measures to improve wind conditions on the terraces include perimeter landscaping as planned, tall balustrades, and full-height vertical screening at building corners as indicated on Figure 7. It would be recommended to include such screening to improve the wind conditions on the terraces.

May 2018

срр



Figure 7: Level 14 floor plan

Summary

Qualitatively, integrating the expected directional wind conditions around the site with the wind climate, it is considered that wind conditions at the majority of locations around the site would be classified as suitable for pedestrian walking or standing under Lawson. All locations would be expected to pass the distress criterion. The most significant effects are likely to be limited to an area approximately within the property boundary, with conditions in areas such as the Remembrance Park garden and Albert Avenue remaining similar to existing.

If it is the intention for the ground floor café to have outdoor seating facilities, local temporary wind protection would be recommended such as vertical screening.

Conclusions

Cermak Peterka Petersen Pty. Ltd. has provided an opinion based assessment of the impact of the proposed development at 67 Albert Avenue, Chatswood on the local wind environment. Our summary assessment of the proposed development is as follows:

The proposed development is of a similar height to surrounding buildings, and will interact with them to influence the local wind conditions, increasing wind speeds for some directions, and providing shelter for others. Due to the relative size of the proposed building to the surrounds, the wind conditions in and around the site would be expected to be similar to existing conditions, with the pedestrian level wind environment for the majority of locations being classified as suitable for pedestrian standing or walking, and all locations passing the distress criterion. The combined action of downwash and channelling flows will create some strong breezes through the upper ground level pedestrian areas, and amelioration measures in the form of awnings, vertical screens, and/or landscaping would be suggested if non-transient use of this space is intended. Wind tunnel testing would be required to quantify the advice provided herein.

References

Willoughby City Council (2006), Willoughby Development Control Plan (WDCP)

- Melbourne, W.H., (1978), Criteria for environmental wind conditions, J. Industrial Aerodynamics, 3, 241-249.
- Lawson, T.V., (1990), The Determination of the wind environment of a building complex before construction, *Department of Aerospace Engineering, University of Bristol*, Report Number TVL 9025.



Level 61 Governor Phillip Tower 1 Farrer Place Sydney NSW 2000 Australia

T +61 2 9296 2000 **F** +61 2 9296 3999

www.kwm.com

5 June 2018

To Philippa Duncanson Level 54 Governor Phillip Tower 1 Farrer Place Sydney NSW 2000 By email: philippa.duncanson@corval.com.au

Dear Ms Duncanson

67 Albert Avenue, Chatswood - DA2017/157

Each question is below, together with our responses and comments.

1 Can the Panel lawfully require the proposed development to comply with the separation requirements of the ADG?

Answer

No. The Sydney North Planning Panel (**Panel**) cannot lawfully require that the proposed development complies with the separation requirements of the Apartment Design Guide (**ADG**).

If the Panel maintains that the ADG is to be taken into account in assessing the DA and refuses the DA on this basis, the Panel will have erred in law and its decision will not withstand a challenge in the Land and Environment Court of NSW.

Comments

State Environmental Planning Policy No 65—Design Quality of Residential Apartment Development (SEPP 65) is an environmental planning policy which requires that in determining an application for consent to which SEPP 65 applies, a consent authority is required to take into account the ADG.

SEPP 65 does not apply to all development applications.

Clause 4 of SEPP 65 states:

4 Application of Policy

"This Policy applies to development for the purpose of a residential flat building, shop top housing or mixed use development with a residential accommodation component...".

KING&WOD MALLESONS

Clause 4 is abundantly clear. SEPP 65 only applies to development for three specific purposes, being:

- 1 residential flat building;
- 2 shop top housing; or
- 3 mixed use development with a residential accommodation component.

The proposed development, DA2017/157 (**the DA**), is for the purpose of a commercial office building. The DA is not for one of the specific purposes provided in clause 4, meaning that the SEPP and ADG can have no application to the DA.

We note that Part 2F Building Separation of the ADG states:

"When measuring the building separation between commercial and residential uses, consider office windows and balconies as habitable space".

This statement relates to building separation in circumstances where a residential development (which requires consideration of the ADG) is to be constructed adjacent to a commercial development, and not vice versa. This is because legally the ADG can have no application to a commercial development.

The Panel has stated in the Record of Deferral dated 23 May 2018 that design changes are required to *"achieve SEPP65 ADG separation"*. This is legally incorrect because neither SEPP 65 nor the ADG have any separation requirements for this development. Even where SEPP 65 does apply, the ADG separation distances are not "requirements", rather they are matters which are required to be considered only. Separation distances for the DA must be assessed against E.3 Chatswood City Centre of the *Willoughby Development Control Plan 2016* (**DCP**) which states:

Setbacks

 Building separation between tower buildings (buildings over 14 metres in height) of a minimum of 6 metres in the office precinct of Chatswood City Centre shall be provided to allow sunlight penetration between buildings to the public domain and for view sharing. The building separation shall be increased to a minimum of 12 metres for buildings above 30 metres in height.

2 The DA meets or exceeds the separation provisions in the DCP.Is owner's consent from the beneficiaries of the easements for access and fire egress required prior to the grant of consent to the DA?

Answer

No. Consent from the beneficiaries of any easements within the subject property (whether those easements are proposed to be relocated or otherwise) is not required prior to the grant of development consent.

Comments

Clause 49(1) of the Environmental Planning and Assessment Regulation 2000 (EPA Reg) states:

- (1) A development application may be made:
 - (a) by the owner of the land to which the development application relates, or

KING&WOD MALLESONS

(b) by any other person, with the consent in writing of the owner of that land.

Pursuant to clause 49, it is only the owner of the land to which the DA relates, being Willoughby City Council, whose consent is required in respect of the DA.

An easement is a right which attaches to a piece of land (the land benefitted) giving the owner or occupant rights over another piece of land (the land burdened). The beneficiary of an easement which burdens the subject land is not "the owner of that land" within the meaning of clause 49(1) of the EPA Reg, and their consent is not legally required in respect of the DA.

In circumstances where a reason for the Panel refusing the DA is that consent from the beneficiaries of easements is required prior to the grant of development consent, the Panel will have fallen into legal error and its decision will not withstand a challenge in the Land and Environment Court of NSW.

ha Lordead Yours sincerely

Debra Townsend | Partner King & Wood Mallesons T +61 2 9296 2341 | M +61 417 238 610 debra.townsend@au.kwm.com

This communication and any attachments are confidential and may be privileged.