



NatHERS Rated
6.2 STARS*

*www.nathers.gov.au



BUILDING ENERGY EFFICIENCY CERTIFICATE

Vanessa Dudman

ISSUED TO

23-37 Lindfield Ave

ADDRESS

Site Lot 101

Lindfield

NSW

2070

1005269533

CERTIFICATION NUMBER

15/05/2013

DATE

56

CLIMATE ZONE

AccuRate - v1.1.4.1 (AccuRate)

SOFTWARE

28.8 MJ/m² pa

SIMULATED ENERGY CONSUMPTION - HEATING

21.1 MJ/m² pa

SIMULATED ENERGY CONSUMPTION - COOLING

50.0 MJ/m² pa

TOTAL SIMULATED ENERGY CONSUMPTION

Rochelle Phillis

ASSESSOR NAME

60865

ASSESSOR NUMBER

Cundall

COMPANY

A handwritten signature in black ink, appearing to read "R. Phillis", is written over a white rectangular background.

ASSESSOR SIGNATURE

Issued by a BUILDING THERMAL PERFORMANCE ASSESSOR
accredited by the Association of Building Sustainability Assessors to provide
NatHERS house energy ratings.

LINDFIELD MIXED-USE DEVELOPMENT

23-37 LINDFIELD AVE & 11 HAVILAH LA
LINDFIELD NSW 2070

Project no.
CA2924

Date:
--/05/2013

cronepartners
Cronpartners
level 2, 364 kent street,
sydney, nsw 2000, australia
Ph: +61 2 8295 5300
Fax: +61 2 8295 5301

Assessor # 60865		Certificate # 1005269533		Issued: 15/05/2013	
Thermal Performance Specifications					
These are the Specifications upon which the Certified Assessment is based. If details included in these Specifications vary from other drawings or written specifications, these Specifications shall take precedence. If only one specification option is detailed for a building element, that specification must apply to all instances of that element for the project. If alternate specifications are detailed for a building element, the location and extent of alternate specifications must be detailed below and / or clearly indicated on referenced documents					
Windows	Product ID	Glass	Frame	U value	SHGC
		Low-e	Aluminium	4.75	0.45
Skylights	Product ID	Glass	Frame	U value	SHGC
		Single		6.35	0.77
Window and skylight U and SHGC values, if specified, are according to NFRC. Alternate products or specifications may be used if their U value is lower, and the SHGC value is less than 10% higher or lower, than the U and SHGC values of the product specified above.					
External walls	Construction	Insulation	Colour – solar abs.	Detail	
	Concrete	R1.5	Medium		
Internal walls	Construction	Insulation	Detail		
	Plasterboard on Stud	None	As per detail on plans		
	Block	None	As per detail on plans		
Floors	Construction	Insulation	Covering	Detail	
	Concrete	Nil	Various		
	Concrete	R1.0	Various	Above car park or outdoor air only	
Ceilings	Construction	Insulation	Detail		
	Plasterboard	None	Throughout		
Roof	Construction	Insulation	Colour – solar abs.	Detail	
	Concrete	R3.0	Not specified		
Window cover	Internal (curtains)		External (awnings, shutters, etc)		
	Not specified				
Fixed shading	Eaves (width - inc. gutters, ht above windows)		Verandahs, Pergolas (type, description)		
	As per plans		As per detail on plans		
Overshadowing	Overshadowing structures		Overshadowing trees		
	Neighbouring buildings				
Orientation, Exposure, Ventilation and Infiltration					
Orientation of nominal north:		60	ABSA Assessor stamp		
Terrain category:		Suburban			
Roof ventilation:		NA			
Cross ventilation:		Standard			
Subfloor:		NA			
Living area open to entry:		Yes			
Doors separate living areas:		No			
Stair open to heated areas:		No			
Seals to windows and doors:		Yes			
Exhaust fans without dampers:		No			
Ventilated skylights:		No			
Open fire, unflued gas heat:		No			
Vented downlights:		No			
Wall and ceiling vents:		No			

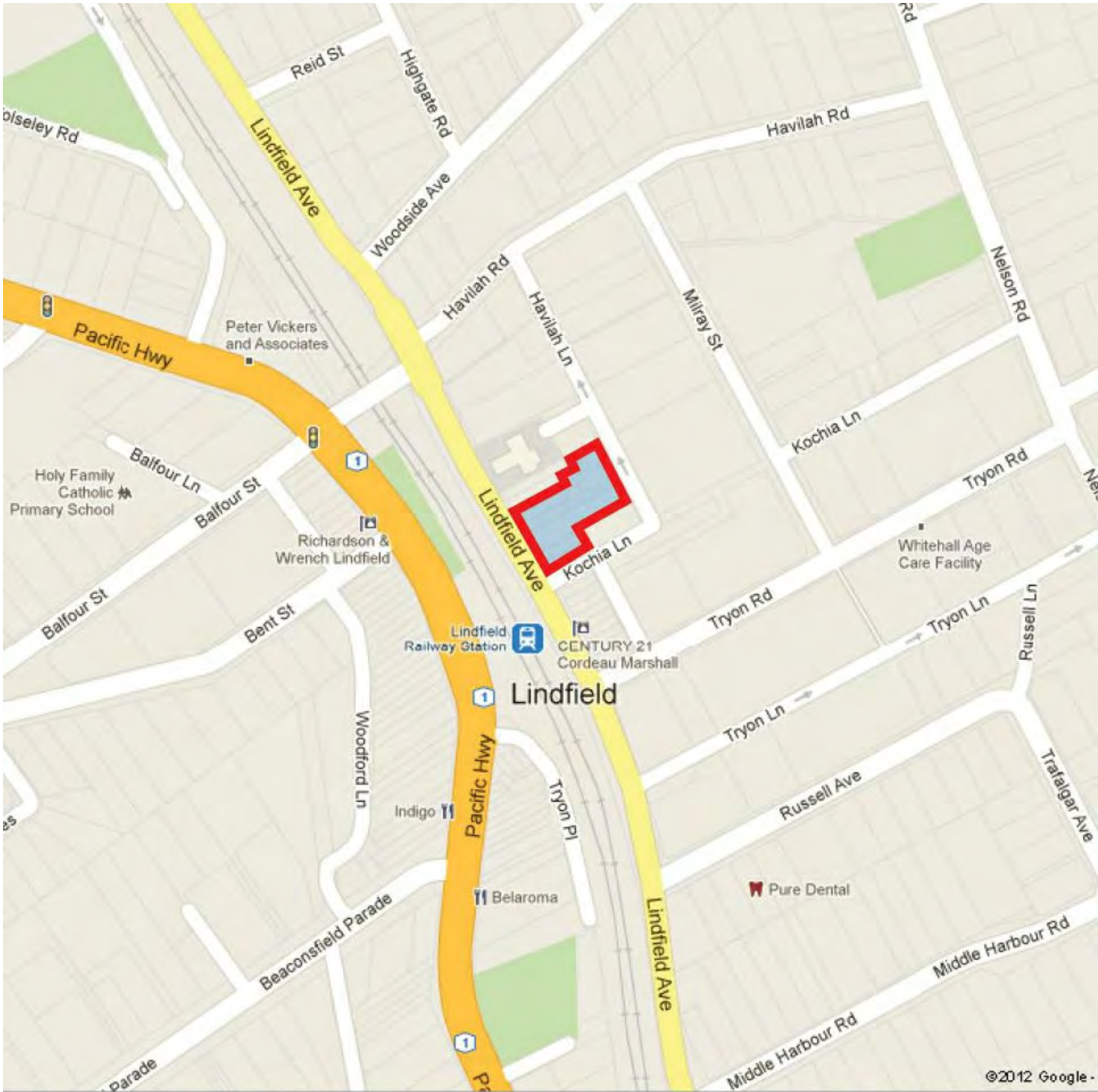
ABSA Pty Ltd. Level 9 Elizabeth Towers 418A Elizabeth St Surry Hills NSW 2010
phone: 1300 889 438 fax: (02) 9281 9514 email: support@absa.net.au www.absa.net.au



PREFERRED PROJECT SUBMISSION



DRAWING LIST - PREFERRED PROJECT SUBMISSION			
Drawing Number	Revision Status	Sheet Name	Issue Date
0001	B	COVER SHEET	--/05/2013
0002	B	LOCATION PLAN & DRAWING LIST	--/05/2013
0100	B	CONTEXT / ANALYSIS SITE PLAN	--/05/2013
0101	B	SITE PLAN	--/05/2013
0200	B	PERSPECTIVE SHEET 1	--/05/2013
0201	B	PERSPECTIVE SHEET 2	--/05/2013
0202	B	PERSPECTIVE SHEET 3	--/05/2013
0203	B	PERSPECTIVE SHEET 4	--/05/2013
0204	B	PERSPECTIVE SHEET 5	--/05/2013
0205	B	PERSPECTIVE SHEET 6	--/05/2013
0206	B	PERSPECTIVE SHEET 7	--/05/2013
0207	B	PERSPECTIVE SHEET 8	--/05/2013
0208	B	PERSPECTIVE SHEET 9	--/05/2013
0209	B	PERSPECTIVE SHEET 10	--/05/2013
1000	B	BASEMENT 3 PLAN	--/05/2013
1001	B	BASEMENT 2 PLAN	--/05/2013
1002	B	BASEMENT 1 PLAN	--/05/2013
1003	B	LOWER GROUND FLOOR PLAN	--/05/2013
1004	B	GROUND FLOOR PLAN	--/05/2013
1005	B	LEVEL 1 FLOOR PLAN	--/05/2013
1006	B	LEVEL 2 FLOOR PLAN	--/05/2013
1007	B	LEVEL 3 FLOOR PLAN	--/05/2013
1008	B	LEVEL 4 FLOOR PLAN	--/05/2013
1009	B	LEVEL 5 FLOOR PLAN	--/05/2013
1010	B	LEVEL 6 FLOOR PLAN	--/05/2013
1011	B	LEVEL 7 FLOOR PLAN	--/05/2013
1012	B	ROOF PLAN	--/05/2013
2000	B	ELEVATIONS	--/05/2013
2001	B	ELEVATIONS	--/05/2013
3000	B	SECTIONS	--/05/2013
3001	B	SECTIONS	--/05/2013
3002	B	SECTIONS	--/05/2013
4000	B	LEP26.5m HEIGHT PLANE STUDY - 1	--/05/2013
4001	B	LEP26.5m HEIGHT PLANE STUDY - 2	--/05/2013
5000	B	SHADOW DIAGRAM - MARCH	--/05/2013
5001	B	SHADOW DIAGRAM - JUNE	--/05/2013
5002	B	SHADOW DIAGRAM - SEPTEMBER	--/05/2013
5003	B	SHADOW DIAGRAM - DECEMBER	--/05/2013
6000	B	VEHICLE ACCESS PLAN	--/05/2013
6001	B	ADAPTATION DETAIL PLANS	--/05/2013
6002	B	MATERIALS & FINISHES SCHEDULE	--/05/2013
6003	B	MATERIALS & FINISHES SCHEDULE	--/05/2013
6500	B	SIGNAGE - EXTERNAL	--/05/2013



LOCATION PLAN

Notes

All dimensions and setbacks to be verified prior to commencement, omissions or discrepancies to be notified to the architect.

Copyright

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Quality Assurance System

Authorised By:

Date:

Rev	DESCRIPTION	By	Date
A	ISSUED FOR SECTION 75W SUBMISSION	MQ	20/11/2012
B	ISSUED FOR PREFERRED PROJECT REPORT SUBMISSION	MQ	--/05/2013

ABSA

Class 2 Building Project Certification

Certification Number: 10050566533

Certification Date: 15/05/2013

Assessor Name: Rochelle Phillis

Assessor Number: 60665

Average Simulated Energy: 38.5 MJ/m2 pa

Average Simulated Energy: 21.1 MJ/m2 pa

Average NatHERS Rating: 50.0 MJ/m2 pa

6.2

Builder

Client

ANKA (CIVIC CENTER) PTY LTD

LEVEL 3

179-191 NEW SOUTH HEAD RD

EDGECLIFF, SYDNEY NSW 2027

PH: +61 2 9302 3000

FAX: +61 2 9302 3030

Structural Engineer

AECOM

Level 21, 420 George St, Sydney NSW 2000

Ph: 02 8934 0000 Fax: 02 8934 0001

Mechanical Engineer

WOOD & GRIEVE ENGINEERS

Level 3, 454 - 456 Pacific Highway,

St. Leonards, NSW 2000

Ph: 02 8484 7000 Fax: 02 8484 7100

Electrical Engineer

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Level 3, 454 - 456 Pacific Highway,

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Ph: 02 8484 7000 Fax: 02 8484 7100

Hydraulic Engineer

INSYNC SERVICES

Suite 8, Level 2, 56 Church Ave,

Mascot, NSW 2015

Ph: 02 9669 4311 Fax: 02 9669 4322

Landscape Architect

ASPECT Studios

Studio G1 - Level 6, 61 Marlborough St

Surry Hills, NSW 2010

Ph: 02 9699 7182 Fax: 02 9699 7192

KEY

Scale

1 : 1100 @A1

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Project

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LINDFIELD NSW 2070

Drawn: MQ

Checked: VD

Date: --/05/2013

Drawing Title

LOCATION PLAN & DRAWING LIST

PREFERRED PROJECT SUBMISSION

CA 2924

ADAZ

0002

B

Project no.

Drawing Phase.

Drawing No.

Rev

PREFERRED PROJECT REPORT SUBMISSION

Cad File No: C:\Users\michaelq\Documents\CA-2924-Z-M3-AR-Main_Model-Central_Option 1B_michaelq.rvt 7/05/2013 12:52:42 PM Plot Date:



1 SITE PLAN
0101 SCALE 1 : 500

PREFERRED PROJECT REPORT SUBMISSION

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B	ISSUED FOR PREFERRED PROJECT REPORT SUBMISSION	MQ	--/05/2013

ABSA Class 2 Building Project Certification

Certification Number: 1005069533

Certification Date: 15/05/2013

Assessor Name: Rochelle Phillips

Assessor Number: 60865

Assessor Signature:

Averaged Simulated Energy HEATING: 38.8 MJ/m2 pa

Averaged Simulated Energy COOLING: 21.1 MJ/m2 pa

Averaged NatHERS Rating: 5.0 MJ/m2 pa

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Scale 1 : 500 @A1

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Drawn: MQ	Checked: VD	Date: --/05/2013
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Drawing Title

SITE PLAN

PREFERRED PROJECT SUBMISSION

CA 2924	ADAZ	0101	B
Project no.	Drawing Phase.	Drawing No.	Rev