

P R E V I E W

AccuRate Sustainability V2.4.3.21

Nationwide House Energy Rating Scheme

PROJECT DETAILS

Project Name: ELYSIUM GREEN	File Name: Unit L Level 4.PRO
Postcode: 800	Climate Zone: 1
Design Option: Plans 3 - centre	
Description: Centre unit as per original assessment, Level 4 Unit L	

Client Details

Client Name: Makrylos Group Of Companies		
Phone: 0407 810 137	Fax:	Email: themakrylosgroup@bigpond.com
Postal Address: PO Box 1198 Darwin NT		
Site Address: 4. Blake Street, Darwin 800, NT		Exposure: Exposed
Council submitted to (if known by assessor): Darwin		

Assessor Details

Assessor Name: Lee Gatley		Assessor No. DMN/12/1470
Phone: 1800 212 000	Fax: 08 8362 7855	Email: lee@starenergycentral.com.au
Project Code: 620-4777	Assessment Date: 17/02/2021	Time: 14:58:39
Assessor Signature:		

CALCULATED ENERGY REQUIREMENTS*

Heating	Cooling (sensible)	Cooling (latent)	Total Energy	Units
0.0	112.9	61.3	174.2	MJ/m ² .annum

* These energy requirements have been calculated using a standard set of occupant behaviours and so do not necessarily represent the usage pattern or lifestyle of the intended occupants. They should be used solely for the purposes of rating the building. They should not be used to infer actual energy consumption or running costs. The settings used for the simulation are shown in the building data report.

AREA-ADJUSTED ENERGY REQUIREMENTS

Heating	Cooling	Total Energy	Units
0.0	171.3	171.3	MJ/m ² .annum
Floor area	conditioned: 100.2 m ²	unconditioned: 5.1 m ²	garage: 0.0 m ²

Nationwide House Energy Rating

BAND RESULT

8.9

Area-adjusted band score thresholds

Band 1	Band 2	Band 3	Band 4	Band 5	Band 6	Band 7	Band 8	Band 9	Band 10
773	648	555	480	413	349	285	222	164	119

Not For Certification

P R E V I E W

AccuRate Sustainability V2.4.3.21

Nationwide House Energy Rating Scheme

PROJECT DETAILS

Project Name: ELYSIUM GREEN	File Name: Unit A Level 4.PRO
Postcode: 800	Climate Zone: 1
Design Option: Plans 3 - end	
Description: End unit assessment, Level 4 Unit A	

Client Details

Client Name: Makrylos Group Of Companies		
Phone: 0407 810 137	Fax:	Email: themakrylosgroup@bigpond.com
Postal Address: PO Box 1198 Darwin NT		
Site Address: 4. Blake Street, Darwin 800, NT		Exposure: Exposed
Council submitted to (if known by assessor): Darwin		

Assessor Details

Assessor Name: Lee Gatley		Assessor No. DMN/12/1470
Phone: 1800 212 000	Fax: 08 8362 7855	Email: lee@starenergycentral.com.au
Project Code: 620-4777	Assessment Date: 17/02/2021	Time: 15:23:17
Assessor Signature:		

CALCULATED ENERGY REQUIREMENTS*

Heating	Cooling (sensible)	Cooling (latent)	Total Energy	Units
0.0	139.3	64.3	203.6	MJ/m ² .annum

* These energy requirements have been calculated using a standard set of occupant behaviours and so do not necessarily represent the usage pattern or lifestyle of the intended occupants. They should be used solely for the purposes of rating the building. They should not be used to infer actual energy consumption or running costs. The settings used for the simulation are shown in the building data report.

AREA-ADJUSTED ENERGY REQUIREMENTS

Heating	Cooling	Total Energy	Units
0.0	197.5	197.5	MJ/m ² .annum
Floor area	conditioned: 101.2 m ²	unconditioned: 4.6 m ²	garage: 0.0 m ²

Nationwide House Energy Rating

BAND RESULT

8.4

Area-adjusted band score thresholds

Band 1	Band 2	Band 3	Band 4	Band 5	Band 6	Band 7	Band 8	Band 9	Band 10
773	648	555	480	413	349	285	222	164	119

Not For Certification

<p>AccuRate Sustainability V2.4.3.21</p> <p>Nationwide House Energy Rating Scheme</p>

Project Name: ELYSIUM GREEN		
File Name: C:\AccuRateSustainability\Project\2020\620-4777		
Makrylos\Unit L Level 4.PRO		
Postcode: 800	Climate Zone: 1	Exposure: Exposed
Client Name: Makrylos Group of Companies		
Site Address:		
Design Option: Plans 3 - centre		
Date: 17/02/2021	Time: 14:58:39	Page: 1

Construction details: External Walls

Description: Clad wall		
External colour: Medium	Internal colour: Medium	Area: 50.2 m ²
External absorptance (%): 50	Internal absorptance (%): 50	
Layer	Material	Thickness (mm)
1	Fibre-cement sheet	9
2	Glass fibre batt: R2.0	88
3	Plasterboard	10

Construction details: Windows

Description: ALM-002-02 A Aluminium B SG Tint: U = 6.6: SHGC = 0.49		
Manufacturer: DEFAULTS		
Version: 2.3.3.13.0.9	Expiry Date: 15/11/2022	
System U-value (NFRC): 6.60	SHGC (NFRC): 0.49	Area: 20.8 m ²
Frame type: Custom	Frame colour: Medium	
Frame fraction (%): 21	Frame absorptance (%): 50	
Layer	Material	Thickness (mm)
1	Glass	4

Construction details: External Doors

Description: Timber (solid)		
External colour: Medium	Internal colour: Medium	Area: 1.7 m ²
External absorptance (%): 50	Internal absorptance (%): 50	
Layer	Material	Thickness (mm)
1	Timber (Mountain ash)	50

Construction details: Floor/Ceilings

Description: Suspended Concrete Slab 200 mm: tiles/bare		
Top colour: Medium	Bottom colour: Medium	Area: 210.6 m ²
Top absorptance (%): 50	Bottom absorptance (%): 50	
Layer	Material	Thickness (mm)
1	Ceramic tile	8
2	Concrete: standard (2400 kg/m ³)	200
3	Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/0.9; E = 0.82)	90
4	Plasterboard	10

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Project Name: ELYSIUM GREEN		
File Name: C:\AccuRateSustainability\Project\2020\620-4777		
Makrylos\Unit L Level 4.PRO		
Postcode: 800	Climate Zone: 1	Exposure: Exposed
Client Name: Makrylos Group of Companies		
Site Address:		
Design Option: Plans 3 - centre		
Date: 17/02/2021	Time: 14:58:39	Page: 2

Construction details: Internal Walls

Description: Concrete block 190mm		
First colour: Medium	Last colour: Medium	Area: 79.9 m ²
First absorptance (%): 50	Last absorptance (%): 50	
Layer	Material	Thickness (mm)
1	Plaster (cement:sand 1:4)	15
2	Concrete block 190 denseweight (core-filled at 600 centres)	190
3	Plaster (cement:sand 1:4)	15

Description: Plasterboard on studs		
First colour: Medium	Last colour: Medium	Area: 91.0 m ²
First absorptance (%): 50	Last absorptance (%): 50	
Layer	Material	Thickness (mm)
1	Plasterboard	10
2	Air gap vertical >66 mm (90 nominal) unventilated non-reflective (0.9/0.9; E = 0.82)	90
3	Plasterboard	10

AccuRate Sustainability V2.4.3.21

Nationwide House Energy Rating Scheme

Project Name: ELYSIUM GREEN

File Name: C:\AccuRateSustainability\Project\2020\620-4777

Makrylos\Unit L Level 4.PRO

Postcode: 800

Climate Zone: 1

Exposure: Exposed

Client Name: Makrylos Group of Companies

Site Address:

Design Option: Plans 3 - centre

Date: 17/02/2021

Time: 14:58:39

Page: 3

Habitable zones

Name	Type	Volume (m ³)	Floor height (m)	Ceiling height above floor (m)	Heated	Cooled
WIR	Other (night-time usage)	13.0	14.3	2.7	Y	Y
Ensuite	Other (night-time usage)	18.4	14.3	2.7	Y	Y
Bathroom	Other (daytime usage)	13.8	14.3	2.7	N	N
Bed 2	Bedroom	34.6	14.3	2.7	Y	Y
Kitchen/Living	Living/Kitchen	134.7	14.3	2.7	Y	Y
Study	Bedroom	25.6	14.3	2.7	Y	Y
Pantry	Other (daytime usage)	7.6	14.3	2.7	Y	Y
Bed 1	Bedroom	36.7	14.3	2.7	Y	Y

Habitable zones (continued)

Name	Chimneys		Wall/Ceiling vents	Exhaust fans		Vented downlights	Unflued gas heaters	Ceiling fans	Type
	U/S	S		U/S	S				
WIR	0	0	0	0	0	0	0	0	-
Ensuite	0	0	0	0	0	0	0	0	-
Bathroom	0	0	0	0	0	0	0	0	-
Bed 2	0	0	0	0	0	0	0	1	1400
Kitchen/Living	0	0	0	0	0	0	0	3	1400
Study	0	0	0	0	0	0	0	1	1400
Pantry	0	0	0	0	0	0	0	0	-
Bed 1	0	0	0	0	0	0	0	1	1400

AccuRate Sustainability V2.4.3.21

Nationwide House Energy Rating Scheme

Project Name: ELYSIUM GREEN		
File Name: C:\AccuRateSustainability\Project\2020\620-4777		
Makrylos\Unit L Level 4.PRO		
Postcode: 800	Climate Zone: 1	Exposure: Exposed
Client Name: Makrylos Group of Companies		
Site Address:		
Design Option: Plans 3 - centre		
Date: 17/02/2021	Time: 14:58:39	Page: 4

WIR: Internal walls

Wall	Construction	L (m)	H (m)	Area (gross) (m ²)	Area (net) (m ²)	Adjacent Zone	Opening (m ²)	Opening Type
1	Plasterboard on studs	1.70	2.70	4.59	2.8	Bed 1	1.80	Controlled
2	Plasterboard on studs	4.20	2.70	11.34	11.3	Kitchen/Living	0.00	Controlled
3	Plasterboard on studs	3.30	2.70	8.91	8.9	Ensuite	0.00	Controlled

WIR: Floors

Floor	Construction	Area (gross) (m ²)	Area (net) (m ²)	Under the floor	Edge Ins.	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	4.8	4.8	Neighbour	R0.0	0.00	Controlled

WIR: Ceilings

Ceiling	Construction	Area (gross) (m ²)	Area (net) (m ²)	Above the ceiling	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	4.8	4.8	Neighbour	0.00	Controlled

AccuRate Sustainability V2.4.3.21

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Makrylos\Unit L Level 4.PRO		
Postcode: 800	Climate Zone: 1	Exposure: Exposed
Client Name: Makrylos Group of Companies		
Site Address:		
Design Option: Plans 3 - centre		
Date: 17/02/2021	Time: 14:58:39	Page: 5

Ensuite: Internal walls

Wall	Construction	L (m)	H (m)	Area (gross) (m ²)	Area (net) (m ²)	Adjacent Zone	Opening (m ²)	Opening Type
1	Plasterboard on studs	1.50	2.70	4.05	2.3	Bed 1	1.80	Controlled
2	Plasterboard on studs	1.20	2.70	3.24	3.2	Kitchen/Living	0.00	Controlled
3	Plasterboard on studs	1.50	2.70	4.05	4.1	Bathroom	0.00	Permanent
4	Concrete block 190mm	4.50	2.70	12.15	12.2	Neighbour	0.00	Controlled
5	Plasterboard on studs	3.30	2.70	8.91	8.9	WIR	0.00	Controlled

Ensuite: Floors

Floor	Construction	Area (gross) (m ²)	Area (net) (m ²)	Under the floor	Edge Ins.	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	6.8	6.8	Neighbour	R0.0	0.00	Controlled

Ensuite: Ceilings

Ceiling	Construction	Area (gross) (m ²)	Area (net) (m ²)	Above the ceiling	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	6.8	6.8	Neighbour	0.00	Controlled

AccuRate Sustainability V2.4.3.21

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Client Name: Makrylos Group of Companies		
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Design Option: Plans 3 - centre		
Date: 17/02/2021	Time: 14:58:39	Page: 6

Bathroom: Internal walls

Wall	Construction	L (m)	H (m)	Area (gross) (m ²)	Area (net) (m ²)	Adjacent Zone	Opening (m ²)	Opening Type
1	Plasterboard on studs	3.40	2.70	9.18	7.4	Kitchen/Living	1.80	Controlled
2	Plasterboard on studs	1.50	2.70	4.05	4.1	Bed 2	0.00	Controlled
3	Plasterboard on studs	1.50	2.70	4.05	4.1	Ensuite	0.00	Permanent
4	Concrete block 190mm	3.40	2.70	9.18	9.2	Neighbour	0.00	Controlled

Bathroom: Floors

Floor	Construction	Area (gross) (m ²)	Area (net) (m ²)	Under the floor	Edge Ins.	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	5.1	5.1	Neighbour	R0.0	0.00	Controlled

Bathroom: Ceilings

Ceiling	Construction	Area (gross) (m ²)	Area (net) (m ²)	Above the ceiling	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	5.1	5.1	Neighbour	0.00	Controlled

AccuRate Sustainability V2.4.3.21

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Site Address:		
Design Option: Plans 3 - centre		
Date: 17/02/2021	Time: 14:58:39	Page: 7

Bed 2: External walls main data									
Wall	Construction	Azi (deg.)	L (m)	H (m)	Area (gross) (m ²)	Area (net) (m ²)	Fixed shade	Opening (m ²)	Opening Type
1	Clad wall	0	3.30	2.70	8.91	6.39	corridor	0.00	Controlled
2	Clad wall	90	0.70	2.70	1.89	1.89	corridor	0.00	Controlled

Bed 2: External walls wing wall data							
Wall	Left Wing Wall			Right Wing Wall			Part of courtyard?
	Projection (m)	Horizontal Offset (m)	Vertical Offset (m)	Projection (m)	Horizontal Offset (m)	Vertical Offset (m)	
2	-	-	-	1.50	0.00	0.00	N

Bed 2: External walls screen data						
Wall	Screen	Height (m)	Width (m)	Horizontal Offset (m)	Vertical Offset (m)	Monthly blocking factors
1	1	2.7	15.0	6.0	0.0	100,100,100,100,100,100,100,100,100,100,100
2	1	2.7	15.0	6.0	0.0	100,100,100,100,100,100,100,100,100,100,100

Bed 2: External walls horizontal shading data										
Wall	Name	Eaves				Other fixed shading				Monthly blocking factors (%)
		Projection (m)	Vertical Offset (m)	Horizontal Offset (m)	Length (m)	Projection (m)	Vertical Offset (m)	Horizontal Offset (m)	Length (m)	
1	corridor	4.00	0.00	6.00	15.00	0.00	0.00	0.00	0.00	100,100,100,100,100,100,100,100,100,100,100
2	corridor	4.00	0.00	6.00	15.00	0.00	0.00	0.00	0.00	100,100,100,100,100,100,100,100,100,100,100

Bed 2: Windows in walls										
Wall	Window Name	Type	Construction				Azi (deg.)	H (m)	W (m)	Area (m ²)
1	Window	Louvre	ALM-002-02 A	Aluminium	B SG Tint: U = 6.6; SHGC = 0.49	0	1.40	1.80	2.52	

Bed 2: Windows in walls (continued)									
Wall	Window Name	Indoor covering	Outdoor covering	Fixed shade	HH (m)	HO (m)	Opening (%)	Weather stripped	Gap size
1	Window	Holland blinds	None		2.10	0.70	90	Y	

Bed 2: Internal walls									
Wall	Construction	L (m)	H (m)	Area (gross) (m ²)	Area (net) (m ²)	Adjacent Zone	Opening (m ²)	Opening Type	
1	Plasterboard on studs	1.70	2.70	4.59	2.8	Kitchen/Living	1.80	Controlled	
2	Plasterboard on studs	3.10	2.70	8.37	8.4	Kitchen/Living	0.00	Controlled	
3	Concrete block 190mm	3.90	2.70	10.53	10.5	Neighbour	0.00	Controlled	
4	Plasterboard on studs	1.50	2.70	4.05	4.1	Bathroom	0.00	Controlled	

Bed 2: Floors							
Floor	Construction	Area (gross) (m ²)	Area (net) (m ²)	Under the floor	Edge Ins.	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	12.8	12.8	Neighbour	R0.0	0.00	Controlled

Bed 2: Ceilings						
Ceiling	Construction	Area (gross) (m ²)	Area (net) (m ²)	Above the ceiling	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	12.8	12.8	Neighbour	0.00	Controlled

AccuRate Sustainability V2.4.3.21

Nationwide House Energy Rating Scheme

Project Name: ELYSIUM GREEN		
File Name: C:\AccuRateSustainability\Project\2020\620-4777		
Makrylos\Unit L Level 4.PRO		
Postcode: 800	Climate Zone: 1	Exposure: Exposed
Client Name: Makrylos Group of Companies		
Site Address:		
Design Option: Plans 3 - centre		
Date: 17/02/2021	Time: 14:58:39	Page: 8

Kitchen/Living: External walls main data

Wall	Construction	Azi (deg.)	L (m)	H (m)	Area (gross) (m ²)	Area (net) (m ²)	Fixed shade	Opening (m ²)	Opening Type
1	Clad wall	0	1.50	2.70	4.05	2.33	corridor	0.00	Controlled
2	Clad wall	180	4.00	2.70	10.80	0.80	4.6 verandah	0.00	Controlled

Kitchen/Living: External walls wing wall data

Wall	Left Wing Wall			Right Wing Wall			Part of courtyard?
	Projection (m)	Horizontal Offset (m)	Vertical Offset (m)	Projection (m)	Horizontal Offset (m)	Vertical Offset (m)	
1	1.50	0.00	0.00	1.50	0.00	0.00	Y
2	4.60	0.00	0.00	2.70	0.00	0.00	Y

Kitchen/Living: External walls screen data

Wall	Screen	Height (m)	Width (m)	Horizontal Offset (m)	Vertical Offset (m)	Monthly blocking factors
1	1	2.7	15.0	6.0	0.0	100,100,100,100,100,100,100,100,100,100,100,100

Kitchen/Living: External walls horizontal shading data

Wall	Name	Eaves				Other fixed shading				Monthly blocking factors (%)
		Projection (m)	Vertical Offset (m)	Horizontal Offset (m)	Length (m)	Projection (m)	Vertical Offset (m)	Horizontal Offset (m)	Length (m)	
1	corridor	4.00	0.00	6.00	15.00	0.00	0.00	0.00	0.00	100,100,100,100,100,100,100,100,100,100,100,100
2	4.6 verandah	4.60	0.00	3.40	7.40	0.00	0.00	0.00	0.00	100,100,100,100,100,100,100,100,100,100,100,100

Kitchen/Living: Windows in walls

Wall	Window Name	Type	Construction		Azi (deg.)	H (m)	W (m)	Area (m ²)
2	ASD	Sliding	ALM-002-02 A	Aluminium B SG Tint: U = 6.6; SHGC = 0.49	180	2.50	4.00	10.00

Kitchen/Living: Windows in walls (continued)

Wall	Window Name	Indoor covering	Outdoor covering	Fixed shade	HH (m)	HO (m)	Openable (%)	Weather stripped	Gap size
2	ASD	Holland blinds	None		2.50	0.00	60	Y	

Kitchen/Living: Doors in walls

Wall	Door Name	Construction	Azi (deg.)	H (m)	W (m)	Area (m ²)	HO (m)	Openable (%)	Weather stripped	Gap size
1	Door	Timber (solid)	0	2.10	0.82	1.72	0.10	100	Y	

Kitchen/Living: Internal walls

Wall	Construction	L (m)	H (m)	Area (gross) (m ²)	Area (net) (m ²)	Adjacent Zone	Opening (m ²)	Opening Type
1	Plasterboard on studs	1.60	2.70	4.32	2.5	Bed 1	1.80	Controlled
2	Plasterboard on studs	2.00	2.70	5.40	5.4	Pantry	0.00	Controlled
3	Plasterboard on studs	1.50	2.70	4.05	2.5	Pantry	1.60	Controlled
4	Plasterboard on studs	3.10	2.70	8.37	6.6	Study	1.80	Controlled
5	Plasterboard on studs	0.40	2.70	1.08	1.1	Study	0.00	Controlled
6	Plasterboard on studs	1.70	2.70	4.59	2.8	Bed 2	1.80	Controlled
7	Plasterboard on studs	3.10	2.70	8.37	8.4	Bed 2	0.00	Controlled
8	Plasterboard on studs	3.40	2.70	9.18	7.4	Bathroom	1.80	Controlled
9	Plasterboard on studs	1.20	2.70	3.24	3.2	Ensuite	0.00	Controlled
10	Plasterboard on studs	4.20	2.70	11.34	11.3	WIR	0.00	Controlled
11	Concrete block 190mm	8.00	2.70	21.60	21.6	Neighbour	0.00	Controlled

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V2.4.3.21

Nationwide House Energy
Rating Scheme

Project Name: ELYSIUM GREEN		
File Name: C:\AccuRateSustainability\Project\2020\620-4777		
Makrylos\Unit L Level 4.PRO		
Postcode: 800	Climate Zone: 1	Exposure: Exposed
Client Name: Makrylos Group of Companies		
Site Address:		
Design Option: Plans 3 - centre		
Date: 17/02/2021	Time: 14:58:39	Page: 9

Kitchen/Living: Floors

Floor	Construction	Area (gross) (m ²)	Area (net) (m ²)	Under the floor	Edge Ins.	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	49.9	49.9	Neighbour	R0.0	0.00	Controlled

Kitchen/Living: Ceilings

Ceiling	Construction	Area (gross) (m ²)	Area (net) (m ²)	Above the ceiling	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	49.9	49.9	Neighbour	0.00	Controlled

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File Name: C:\AccuRateSustainability\Project\2020\620-4777		
Makrylos\Unit L Level 4.PRO		
Postcode: 800	Climate Zone: 1	Exposure: Exposed
Client Name: Makrylos Group of Companies		
Site Address:		
Design Option: Plans 3 - centre		
Date: 17/02/2021	Time: 14:58:39	Page: 10

Study: External walls main data										
Wall	Construction		Azi (deg.)	L (m)	H (m)	Area (gross) (m ²)	Area (net) (m ²)	Fixed shade	Opening (m ²)	Opening Type
1	Clad wall		270	0.70	2.70	1.89	1.89	corridor	0.00	Controlled
2	Clad wall		0	2.50	2.70	6.75	4.23	corridor	0.00	Controlled

Study: External walls wing wall data							
Wall	Left Wing Wall			Right Wing Wall			Part of courtyard?
	Projection (m)	Horizontal Offset (m)	Vertical Offset (m)	Projection (m)	Horizontal Offset (m)	Vertical Offset (m)	
1	1.50	0.00	0.00	-	-	-	N
2	0.90	1.60	0.00	0.90	0.00	0.00	Y

Study: External walls screen data						
Wall	Screen	Height (m)	Width (m)	Horizontal Offset (m)	Vertical Offset (m)	Monthly blocking factors
1	1	2.7	15.0	6.0	0.0	100,100,100,100,100,100,100,100,100,100,100,100
2	1	2.7	15.0	6.0	0.0	100,100,100,100,100,100,100,100,100,100,100,100

Study: External walls horizontal shading data										
Wall	Name	Eaves				Other fixed shading				Monthly blocking factors (%)
		Projection (m)	Vertical Offset (m)	Horizontal Offset (m)	Length (m)	Projection (m)	Vertical Offset (m)	Horizontal Offset (m)	Length (m)	
1	corridor	4.00	0.00	6.00	15.00	0.00	0.00	0.00	0.00	100,100,100,100,100,100,100,100,100,100,100,100
2	corridor	4.00	0.00	6.00	15.00	0.00	0.00	0.00	0.00	100,100,100,100,100,100,100,100,100,100,100,100

Study: Windows in walls									
Wall	Window Name	Type	Construction			Azi. (deg.)	H (m)	W (m)	Area (m ²)
2	Window	Louvre	ALM-002-02 A	Aluminium	B SG Tint: U = 6.6; SHGC = 0.49	0	1.40	1.80	2.52

Study: Windows in walls (continued)									
Wall	Window Name	Indoor covering	Outdoor covering	Fixed shade	HH (m)	HO (m)	Opening (%)	Weather stripped	Gap size
2	Window	Holland blinds	None		2.10	0.30	90	Y	

Study: Internal walls										
Wall	Construction			L (m)	H (m)	Area (gross) (m ²)	Area (net) (m ²)	Adjacent Zone	Opening (m ²)	Opening Type
1	Plasterboard on studs			3.10	2.70	8.37	6.6	Kitchen/Living	1.80	Controlled
2	Plasterboard on studs			0.40	2.70	1.08	1.1	Kitchen/Living	0.00	Controlled
3	Concrete block 190mm			3.90	2.70	10.53	10.5	Neighbour	0.00	Controlled
4	Plasterboard on studs			2.00	2.70	5.40	5.4	Pantry	0.00	Controlled

Study: Floors								
Floor	Construction		Area (gross) (m ²)	Area (net) (m ²)	Under the floor	Edge Ins.	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare		9.5	9.5	Neighbour	R0.0	0.00	Controlled

Study: Ceilings							
Ceiling	Construction		Area (gross) (m ²)	Area (net) (m ²)	Above the ceiling	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare		9.5	9.5	Neighbour	0.00	Controlled

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Nationwide House Energy Rating Scheme

Project Name: ELYSIUM GREEN		
File Name: C:\AccuRateSustainability\Project\2020\620-4777		
Makrylos\Unit L Level 4.PRO		
Postcode: 800	Climate Zone: 1	Exposure: Exposed
Client Name: Makrylos Group of Companies		
Site Address:		
Design Option: Plans 3 - centre		
Date: 17/02/2021	Time: 14:58:39	Page: 11

Pantry: Internal walls

Wall	Construction	L (m)	H (m)	Area (gross) (m ²)	Area (net) (m ²)	Adjacent Zone	Opening (m ²)	Opening Type
1	Concrete block 190mm	1.60	2.70	4.32	4.3	Neighbour	0.00	Controlled
2	Plasterboard on studs	2.00	2.70	5.40	5.4	Kitchen/Living	0.00	Controlled
3	Plasterboard on studs	1.50	2.70	4.05	2.5	Kitchen/Living	1.60	Controlled
4	Plasterboard on studs	2.00	2.70	5.40	5.4	Study	0.00	Controlled

Pantry: Floors

Floor	Construction	Area (gross) (m ²)	Area (net) (m ²)	Under the floor	Edge Ins.	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	2.8	2.8	Neighbour	R0.0	0.00	Controlled

Pantry: Ceilings

Ceiling	Construction	Area (gross) (m ²)	Area (net) (m ²)	Above the ceiling	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	2.8	2.8	Neighbour	0.00	Controlled

AccuRate Sustainability V2.4.3.21

Nationwide House Energy Rating Scheme

Project Name: ELYSIUM GREEN		
File Name: C:\AccuRateSustainability\Project\2020\620-4777		
Makrylos\Unit L Level 4.PRO		
Postcode: 800	Climate Zone: 1	Exposure: Exposed
Client Name: Makrylos Group of Companies		
Site Address:		
Design Option: Plans 3 - centre		
Date: 17/02/2021	Time: 14:58:39	Page: 12

Bed 1: External walls main data									
Wall	Construction	Azi (deg.)	L (m)	H (m)	Area (gross) (m ²)	Area (net) (m ²)	Fixed shade	Opening (m ²)	Opening Type
1	Clad wall	90	2.60	2.70	7.02	7.02	4.0 verandah	0.00	Controlled
2	Clad wall	180	3.30	2.70	8.91	3.16	1.7 verandah	0.00	Controlled

Bed 1: External walls wing wall data							
Wall	Left Wing Wall			Right Wing Wall			Part of courtyard?
	Projection (m)	Horizontal Offset (m)	Vertical Offset (m)	Projection (m)	Horizontal Offset (m)	Vertical Offset (m)	
1	4.00	0.00	0.00	-	-	-	Y
2	2.70	4.10	0.00	2.70	0.00	0.00	Y

Bed 1: External walls screen data						
Wall	Screen	Height (m)	Width (m)	Horizontal Offset (m)	Vertical Offset (m)	Monthly blocking factors
1	1	2.7	4.6	2.8	0.0	100,100,100,100,100,100,100,100,100,100,100,100

Bed 1: External walls horizontal shading data										
Wall	Name	Eaves				Other fixed shading				Monthly blocking factors (%)
		Projection (m)	Vertical Offset (m)	Horizontal Offset (m)	Length (m)	Projection (m)	Vertical Offset (m)	Horizontal Offset (m)	Length (m)	
1	4.0 verandah	4.00	0.00	2.00	4.60	0.00	0.00	0.00	0.00	100,100,100,100,100,100,100,100,100,100,100,100
2	1.7 verandah	1.70	0.00	0.00	7.40	0.00	0.00	0.00	0.00	100,100,100,100,100,100,100,100,100,100,100,100

Bed 1: Windows in walls										
Wall	Window Name	Type	Construction				Azi (deg.)	H (m)	W (m)	Area (m ²)
2	ASD	Sliding	ALM-002-02 A	Aluminium	B SG Tint: U = 6.6; SHGC = 0.49	180	2.50	2.30	5.75	

Bed 1: Windows in walls (continued)									
Wall	Window Name	Indoor covering	Outdoor covering	Fixed shade	HH (m)	HO (m)	Opening (%)	Weather stripped	Gap size
2	ASD	Holland blinds	None		2.50	0.00	45	Y	

Bed 1: Internal walls									
Wall	Construction	L (m)	H (m)	Area (gross) (m ²)	Area (net) (m ²)	Adjacent Zone	Opening (m ²)	Opening Type	
1	Plasterboard on studs	1.50	2.70	4.05	2.3	Ensuite	1.80	Controlled	
2	Plasterboard on studs	1.70	2.70	4.59	2.8	WIR	1.80	Controlled	
3	Plasterboard on studs	1.60	2.70	4.32	2.5	Kitchen/Living	1.80	Controlled	
4	Concrete block 190mm	4.30	2.70	11.61	11.6	Neighbour	0.00	Controlled	

Bed 1: Floors							
Floor	Construction	Area (gross) (m ²)	Area (net) (m ²)	Under the floor	Edge Ins.	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	13.6	13.6	Neighbour	R0.0	0.00	Controlled

Bed 1: Ceilings						
Ceiling	Construction	Area (gross) (m ²)	Area (net) (m ²)	Above the ceiling	Opening (m ²)	Opening Type
1	Suspended Concrete Slab 200 mm: tiles/bare	13.6	13.6	Neighbour	0.00	Controlled

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Nationwide House Energy Rating Scheme

Project Name: ELYSIUM GREEN		
File Name: C:\AccuRateSustainability\Project\2020\620-4777		
Makrylos\Unit L Level 4.PRO		
Postcode: 800	Climate Zone: 1	Exposure: Exposed
Client Name: Makrylos Group of Companies		
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Design Option: Plans 3 - centre		
Date: 17/02/2021	Time: 14:58:39	Page: 13

Shading Schemes									
Name	Eaves				Other fixed shading				
	Projection (m)	Vert Offset (m)	Horiz Offset (m)	Length (m)	Projection (m)	Vert Offset (m)	Horiz Offset (m)	Length (m)	Monthly blocking factors (%)
corridor	4.00	0.00	6.00	15.00	0.00	0.00	0.00	0.00	100,100,100,100,100,100,100,100,100,100,100
4.6 verandah	4.60	0.00	3.40	7.40	0.00	0.00	0.00	0.00	100,100,100,100,100,100,100,100,100,100,100
4.0 verandah	4.00	0.00	2.80	4.60	0.00	0.00	0.00	0.00	100,100,100,100,100,100,100,100,100,100,100
1.7 verandah	1.70	0.00	0.00	7.40	0.00	0.00	0.00	0.00	100,100,100,100,100,100,100,100,100,100,100

Ventilation			
Footprint: vertical dimension (m)	Footprint: horizontal dimension (m)	Azimuth of highlighted facade (degrees)	Insect screens
16.4	7.5	0	N