

BASIX Assessment Report

Project:

Building 2, 2 Murray Rose Avenue, Sydney Olympic Park NSW

Prepared for:

Austino Sydney Olympic Park Pty Ltd

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1. Executive Summary

EEG has been commissioned to assess the interaction of the residential area of the proposed development (Building 2) at 2 Murray Rose Avenue, Sydney Olympic Park NSW, with the local environment in terms of BASIX compliance.

A BASIX Certificate is a regulatory requirement and demonstrates compliance with the NSW Government's sustainability targets. BASIX assessment and certification has been completed for this project (Certificate No. 972037M-03).

Dwellings within the development have been assessed in terms of their passive energy design using the BASIX Thermal Comfort protocol. They have also been assessed in terms of their ability to conserve water and also to minimise energy consumption via appliances and hot water etc.

With the recommendations provided in the BASIX certificate the development meets and exceeds the minimum requirements for all following areas.

- Energy Efficiency
- Water Efficiency
- Thermal Comfort

This development achieves the following targets:

- Energy Efficiency: 43% reduction (minimum requirements under BASIX: 25%)
- Water Efficiency: 60% reduction (minimum requirements under BASIX: 40%)
- Thermal Comfort: Will pass the thermal performance requirements under BASIX.



2. Introduction

BASIX is an NSW State Planning Policy Tool which assesses the environmental performance of new residential premises against a range water, energy and greenhouse gas emissions targets. The assessment has three core components, BASIX Thermal Comfort, BASIX Water and BASIX Energy.

The thermal comfort assessment requires that the thermal performance of dwellings is evaluated and measures put in place to ensure annual heating and cooling loads do not exceed pre-defined limits without compromising the occupant's thermal comfort. This assessment uses computer simulation to evaluate the estimated building fabric thermal performance and passive solar design features such as orientation and solar shading.

The energy section evaluates gas and electrical energy used for heating, cooling lighting, ventilation and appliances. The BASIX Energy target requires the development to uses 25% less energy than the NSW average.

The water assessment takes account of landscaping, stormwater management as well as water efficiency performance of fixtures and fitting such as taps and showers. The BASIX target for water requires that potable water consumption is at least 40% lower than the NSW average.

Note: this report is only a guide to the BASIX certificate, for full details of BASIX requirements please refer to the BASIX certificate.



4. BASIX Water Section

The water efficiency performance of the development has been assessed using the online BASIX Tool. The assessment has considered the common area and central system features including the landscape design, plant species, water catchment areas, rain water tank size and efficiency of preferred fixtures and fittings in the dwellings.

The proposed development will meet the mandatory BASIX water target of 40% as long as the water commitments detailed in Table 1 are installed. For details of the requirements necessary to achieve this target, please refer to the BASIX Certificate No. 972037M-03.

Table 1: Water Commitments

Common Areas and Central Systems						
Common areas	 5-star (water rated) taps 4-star (Water Rating) toilets No common facility for showerheads No common facility for clothes washers 					
Central systems	 Rainwater tank with capacity of minimum 6,000L (minimum), collecting run-off from minimum 1,112 m2 of roof area, with 1500m2 impervious area used for irrigation of common area landscape with minimum area of 667m2 and 1 car washing bay on the site. connected to toilets and laundries Fire Sprinkler system: to test water is contained within the fire sprinkler system for re-use, rather than disposed. 					
Private Dwellings						
Fixtures for apartments	 3-star (Water Rating) showerheads with a flow rate > 4.5 but <= 6 L/min 4-star (Water Rating) toilets 6-star (Water Rating) kitchen taps 6-star (Water Rating) bathroom taps 6-star (Water Rating) dishwashers 4-star (Water Rating) clothes washers 					



5. BASIX Thermal Comfort Section

The thermal performance of the development has been evaluated using BERS Pro 2nd Generation software. The BERS Pro computer simulation of residential developments forms part of the Nationwide House Energy Rating Scheme, and is used to assess the potential of a residential development to have low heating and cooling energy requirements once operational.

5.1. Modelling Assumptions

The "base-case" building fabric and glazing and associated thermal performance specifications are described in Table 2 below as these assumptions are based on the nominated preferred construction materials indicated by the architect.

Note: Table 2 must be read in conjunction with Table 3. Table 3 outlines additional thermal enhancements / treatments to meet the mandatory thermal load targets to achieve compliance.

Table 2: Base Case Assumptions on Construction and Fabric.

Element	Material	Detail		
External walls	Hebel Power Panel, Concrete &	Insulation: See Table 2 & 3		
External walls	Lightweight Cladding	Medium to Dark colour		
Internal walls	Plasterboard			
	See Table 2 for total window properties	Total Window System Properties U-value 6.7 & SHGC 0.70 (for Sliding Doors, Sliding Windows, Fixed windows)		
Windows	If not specified in Table 2, window properties should be specified as per the details in this Table	Total Window System Properties U-value 6.7 & SHGC 0.57 (for Awning Windows, Bifolds, Casements)		
	Window Operability	As per plans & elevations		
	Shading device	As per plans & elevations		
Skylight	None	None		
Roof	Concrete	Insulation: See Table 2 & 3		
Nooi	Concrete	Medium colour		
Ceilings	Plasterboard	Insulation: See Table 2 & 3		
		Insulation: See Table 2 & 3		
Floors		Wet areas only: Tiles		
1 10015	Concrete slab on ground	Bedrooms: Carpet		
		Living/Dining/Kitchen: Timber		
Exhaust fans (kitchens, bathrooms, laundry)	All assumed to be sealed		



5.2. BERS Pro Results (Thermal Comfort)

The simulated heating and cooling loads per dwelling are summarized in Table 3 below. Where the dwellings have failed to meet the thermal load targets additional thermal enhancements / treatments are provided. This is typically in the form of bulk insulation. These additional thermal treatments are required to pass the BASIX Thermal performance requirements.

Table 3: BERS Pro Thermal Loads - Site 2

Unit No.	Additional Treatments Required	Heating Load (MJ/m².yr)	Cooling Load (MJ/m²-yr)	Stars	Pass/Fail
2.B1.01	R1.5 Bulk Floor Insulation, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	16.4	17.8	7.4	Pass
2.B1.02	R1.5 Bulk Floor Insulation, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	22.6	13.6	7.2	Pass
2.B1.03	R1.5 Bulk Floor Insulation, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	17.7	13.3	7.6	Pass
2.00.01	R1.5 Bulk Floor Insulation, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	8.9	15.4	8.2	Pass



	R1.5 Bulk Floor Insulation, R2.5 Bulk External				
	Wall Insulation including walls adjacent to				
	common corridors, R1.0 Bulk Internal Wall				
	Insulation, Double glazed High Solar Gain				
	Low E glass with a fibreglass frame of total				
	window system properties of U-value 2.0 &				
	SHGC 0.23 for all sliding doors & fixed				
2.00.02	windows OR total window system properties	5.4	15.7	8.4	Pass
2.00.02	of U-value 2.0 &	5.4	13.7	0.4	rass
	SHGC 0.18 for all entry doors & awning				
	windows				
	R2.5 Bulk External Wall Insulation including				
	walls adjacent to common corridors, R1.0 Bulk				
	Internal Wall Insulation, Double glazed High				
	Solar Gain Low E glass with a fibreglass				
	frame of total window system properties of U-				
	value 2.0 & SHGC 0.23 for all sliding doors &				
2.00.03	fixed windows OR total window system	4.0	16.7	8.4	Pass
	properties of U-value 2.0 & SHGC 0.18 for all				
	entry doors & awning windows				
	R2.5 Bulk External Wall Insulation including				
	walls adjacent to common corridors, R1.0 Bulk				
	Internal Wall Insulation, Double glazed High				
	Solar Gain Low E glass with a fibreglass				
	frame of total window system properties of U-				
	value 2.0 & SHGC 0.23 for all sliding doors &				
2.00.04	fixed windows OR total window system	4.0	16.7	8.4	Pass
	properties of U-value 2.0 & SHGC 0.18 for all				
	entry doors & awning windows				
	R1.5 Bulk Floor Insulation, R2.5 Bulk External				
	Wall Insulation including walls adjacent to				
	common corridors, R1.0 Bulk Internal Wall				
	Insulation, Double glazed High Solar Gain				
	Low E glass with a fibreglass frame of total				
	window system properties of U-value 2.0 &				
0.00.05	SHGC 0.23 for all sliding doors & fixed	7.0	45.7	0.0	D
2.00.05	windows OR total window system properties	7.8	15.7	8.3	Pass
	of U-value 2.0 &				
	SHGC 0.18 for all entry doors & awning				
	windows				
	R1.5 Bulk Floor Insulation, R2.5 Bulk External				
	Wall Insulation including walls adjacent to				
	common corridors, R1.0 Bulk Internal Wall				
	Insulation, Double glazed High Solar Gain				
	Low E glass with a fibreglass frame of total				
	window system properties of U-value 2.0 &				
	SHGC 0.23 for all sliding doors & fixed				
2.00.06	windows OR total window system properties	24.8	10.7	7.3	Pass
	of U-value 2.0 &				
	SHGC 0.18 for all entry doors & awning				
	windows				



2.01.01	R1.5 Bulk Floor Insulation, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	16.9	9.7	7.9	Pass
2.01.02	R1.5 Bulk Floor Insulation, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	33.6	7.7	6.9	Pass
2.01.03	R1.5 Bulk Floor Insulation, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	26.9	8.1	7.3	Pass
2.01.04	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	16.3	16.8	7.4	Pass
2.01.05	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	20.4	11.4	7.5	Pass



2.01.06	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	15.7	12.6	7.9	Pass
2.01.07	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	17.4	12.5	7.7	Pass
2.01.08	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	21.3	11.6	7.4	Pass
2.01.09	R1.5 Bulk Floor Insulation, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	39.1	9.4	6.3	Pass
2.01.10	R1.5 Bulk Floor Insulation, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	31.0	5.8	7.2	Pass
2.02.01	R1.5 Bulk Floor Insulation to elevated areas only, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system	32.7	12.9	6.4	Pass



	properties of U-value 2.0 & SHGC 0.18 for				
	all entry doors & awning windows				
2.02.02	R1.5 Bulk Floor Insulation to elevated areas only, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	30.8	8.3	6.9	Pass
2.02.03	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	9.5	8.4	8.7	Pass
2.02.04	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	12.6	7.5	8.4	Pass
2.02.05	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	18.4	12.7	7.6	Pass
2.02.06	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	22.7	9.4	7.4	Pass
2.02.07	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 &	18.0	9.8	7.9	Pass



	SHGC 0.18 for all entry doors & awning				
	windows				
2.02.08	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	18.0	9.8	7.9	Pass
2.02.09	R1.5 Bulk Floor Insulation to elevated areas only, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	32.8	8.4	6.9	Pass
2.02.10	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	23.7	7.5	7.6	Pass
2.02.11	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	22.6	9.6	7.4	Pass
2.02.12	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	15.8	5.6	8.4	Pass
2.02.13	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for	31.6	7.5	6.9	Pass



	all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows				
2.03.01	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	25.1	14.5	6.9	Pass
2.03.02	R1.5 Bulk Floor Insulation to elevated areas only, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	42.3	5.7	6.3	Pass
2.03.03	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	11.7	10.0	8.4	Pass
2.03.04	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	9.4	7.9	8.8	Pass
2.03.05	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	12.4	7.4	8.5	Pass



2.03.06	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	18.4	12.6	7.6	Pass
2.03.07	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	23.1	9.2	7.4	Pass
2.03.08	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	18.4	9.5	7.9	Pass
2.03.09	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	18.4	9.5	7.9	Pass
2.03.10	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	33.2	8.5	6.8	Pass
2.03.11	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	23.8	7.4	7.6	Pass



2.03.12	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system	22.8	9.4	7.4	Pass
	properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows				
2.03.13	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	15.8	5.7	8.4	Pass
2.03.14	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	31.7	7.4	6.9	Pass
2.04.01	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	24.0	14.6	7.1	Pass
2.04.02	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	20.4	7.2	7.9	Pass
2.04.03	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	11.3	9.5	8.4	Pass



2.04.04	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	9.5	7.8	8.8	Pass
2.04.05	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	11.7	6.9	8.7	Pass
2.04.06	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	18.0	12.2	7.7	Pass
2.04.07	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	23.5	9.2	7.4	Pass
2.04.08	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	18.7	9.3	7.9	Pass
2.04.09	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	18.7	9.3	7.9	Pass



2.04.10	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	33.6	8.3	6.8	Pass
2.04.11	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	24.1	7.5	7.6	Pass
2.04.12	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	23.1	9.2	7.4	Pass
2.04.13	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	15.8	5.7	8.4	Pass
2.04.14	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	31.7	7.2	7.0	Pass
2.05.01	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	21.7	14.9	7.2	Pass



2.05.02	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	28.7	7.9	7.2	Pass
2.05.03	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	13.6	9.3	8.3	Pass
2.05.04	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	16.2	7.7	8.2	Pass
2.05.05	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	17.1	7.4	8.2	Pass
2.05.06	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	24.6	12.4	7.2	Pass



2.05.07	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	32.3	8.7	6.9	Pass
2.05.08	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	20.4	9.5	7.7	Pass
2.05.09	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	20.4	9.5	7.7	Pass
2.05.10	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	40.6	8.4	6.2	Pass
2.05.11	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	24.2	7.3	7.6	Pass
2.05.12	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total	23.3	9.3	7.4	Pass



	S. A				
	window system				
	properties of U-value 2.0 & SHGC 0.18 for				
	all entry doors & awning windows				
	R2.5 Bulk External Wall Insulation including				
	walls adjacent to common corridors, R1.0				
2.05.12	Bulk Internal Wall Insulation, Double glazed	15.7	5.5	8.4	Door
2.05.13	High Solar Gain Low E glass with a	15.7	5.5	0.4	Pass
	fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for				
	all sliding doors & fixed windows OR total				
	window system				
	properties of U-value 2.0 & SHGC 0.18 for				
	all entry doors & awning windows				
	R2.5 Bulk External Wall Insulation including				
	walls adjacent to common corridors, R1.0				
	Bulk Internal Wall Insulation, Double glazed				
2.05.14	High Solar Gain Low E glass with a	31.5	7.0	7.1	Pass
	fibreglass frame of total window system				
	properties of U-value 2.0 & SHGC 0.23 for				
	all sliding doors & fixed windows OR total				
	window system properties of U-value 2.0 &				
	SHGC 0.18 for all entry doors & awning windows				
	R2.5 Bulk External Wall Insulation including				
	walls adjacent to common corridors, R1.0				
	Bulk Internal Wall Insulation, Double glazed				
2.06.01	High Solar Gain Low E glass with a	19.3	15.8	7.3	Pass
	fibreglass frame of total window system				
	properties of U-value 2.0 & SHGC 0.23 for				
	all sliding doors & fixed windows OR total				
	window system properties of U-value 2.0 &				
	SHGC 0.18 for all entry doors & awning				
	windows				
	R2.5 Bulk External Wall Insulation including				
	walls adjacent to common corridors, R1.0				
2.06.02	Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a	16.4	7.5	8.2	Pass
2.00.02	fibreglass frame of total window system	10.4	7.5	0.2	F a 5 5
	properties of U-value 2.0 & SHGC 0.23 for				
	all sliding doors & fixed windows OR total				
	window system				
	properties of U-value 2.0 & SHGC 0.18 for				
	all entry doors & awning windows				
	R2.5 Bulk External Wall Insulation including				
	walls adjacent to common corridors, R1.0				
	Bulk Internal Wall Insulation, R2.5 Bulk				
0.00.00	Insulation to exposed ceiling areas only,	46.0	5 0	0.0	D-
2.06.03	Double glazed High Solar Gain Low E glass	18.0	5.6	8.2	Pass
	with a fibreglass frame of total window				
	system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows				
	OR total window				
	system properties of U-value 2.0 & SHGC				
	0.18 for all entry doors & awning windows				



2.06.04	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	14.0	6.0	8.4	Pass
2.06.05	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	16.3	6.3	8.3	Pass
2.06.06	R1.5 Bulk Floor Insulation to elevated areas only, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	15.5	8.2	8.2	Pass
2.06.07	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	16.8	11.6	7.9	Pass
2.06.08	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	26.9	7.8	7.4	Pass



	R2.5 Bulk External Wall Insulation including				
2.06.09	walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	23.2	9.5	7.4	Pass
2.06.10	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	15.4	5.9	8.4	Pass
2.06.11	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	31.1	7.7	7.0	Pass
2.07.01	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	17.9	16.6	7.4	Pass
2.07.02	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	10.0	7.2	8.8	Pass
2.07.03	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R4.0 Bulk Ceiling Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 &	20.8	8.3	7.8	Pass



	SHGC 0.18 for all entry doors & awning				
	windows				
2.07.04	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R4.0 Bulk Ceiling Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	24.1	6.1	7.7	Pass
2.07.05	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R4.0 Bulk Ceiling Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	22.1	14.7	7.2	Pass
2.07.06	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R4.0 Bulk Ceiling Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	25.5	8.0	7.4	Pass
2.07.07	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R4.0 Bulk Ceiling Insulation, Double glazed High Solar Gain Low E glass with a fibreglass	31.4	12.4	6.7	Pass
	frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows				
2.07.08	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	27.2	7.9	7.3	Pass



2.07.09	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	22.8	9.8	7.4	Pass
2.07.10	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	14.9	5.7	8.4	Pass
2.07.11	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	30.7	7.9	7.1	Pass
2.08.01	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	17.2	17.1	7.4	Pass
2.08.02	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	10.9	7.1	8.7	Pass
2.08.03	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low	30.1	7.9	7.1	Pass



	E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows				
2.08.04	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	31.8	10.9	6.7	Pass
2.08.05	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	16.4	6.1	8.3	Pass
2.08.06	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	30.2	8.2	7.1	Pass
2.09.01	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	17.8	13.9	7.6	Pass
2.09.02	R1.5 Bulk Floor Insulation to elevated areas only, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	7.8	9.8	8.7	Pass



2.09.03	R1.5 Bulk Floor Insulation to elevated areas only, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	25.5	7.0	7.4	Pass
2.09.04	R1.5 Bulk Floor Insulation to elevated areas only, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	26.0	6.3	7.4	Pass
2.09.05	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	26.2	8.2	7.4	Pass
2.09.06	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	14.4	5.3	8.6	Pass
2.09.07	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	23.2	6.3	7.8	Pass



2.10.01	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	17.4	14.6	7.4	Pass
2.10.02	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	6.9	10.0	8.8	Pass
2.10.03	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	11.9	7.3	8.6	Pass
2.10.04	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	17.1	13.0	7.7	Pass
2.10.05	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC	40.0	9.2	6.2	Pass
2.10.06	0.18 for all entry doors & awning windows R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning	22.7	6.6	7.7	Pass



	windows				
2.11.01	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	27.4	16.0	6.7	Pass
2.11.02	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	7.6	10.1	8.7	Pass
2.11.03	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	12.0	7.5	8.6	Pass
2.11.04	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	29.9	9.9	6.9	Pass
2.11.05	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	22.6	6.4	7.8	Pass



2.12.01	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window	13.9	6.9	8.4	Pass
	system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows				
2.12.02	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	18.8	13.1	7.5	Pass
2.12.03	R1.5 Bulk Floor Insulation to elevated areas only, R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for	28.8	8.0	7.2	Pass
2.13.01	all entry doors & awning windows R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R2.5 Bulk Insulation to exposed ceiling areas only, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	12.0	7.9	8.5	Pass
2.14.01	R2.5 Bulk External Wall Insulation including walls adjacent to common corridors, R1.0 Bulk Internal Wall Insulation, R4.0 Bulk Ceiling Insulation, Double glazed High Solar Gain Low E glass with a fibreglass frame of total window system properties of U-value 2.0 & SHGC 0.23 for all sliding doors & fixed windows OR total window system properties of U-value 2.0 & SHGC 0.18 for all entry doors & awning windows	24.6	8.2	7.7	Pass

Note:

The preliminary thermal insulation and glazing performance requirements outlined in this report nominate the estimated minimum BASIX requirements only. The specified performance values



therefore do not consider requirements for any other disciplines such as Acoustics, Fire or Safety compliance. Where required, the development shall comply with any additional requirements related to the local council or other design disciplines in addition to the compliance requirements detailed in this report.

Compliance with the minimum BASIX requirements does not warrant thermal comfort. All services consultants and contractors shall design and construct the development to comply with the minimum requirements of the NCC Vol 1 & 2 and NSW Section J requirements.



6. BASIX Energy Section

The Energy performance of the development has been assessed using the online BASIX Tool. The assessment has considered Common Area and Central System features including the lifts, ventilation and lighting for common areas (corridors, lobbies, car park etc.), centralised domestic hot water and the efficiency of preferred lighting and appliances in the dwellings.

The proposed development will meet the mandatory BASIX Energy target of 25% as long as the energy commitments detailed in Table 4 are installed.

Table 4: Energy Commitments

Component Commitment	Commitment			
Lifts • Quantity: 2, Gearles	Quantity: 2, Gearless traction with VVVF motor			
Swimming pool / Sauna • N/A	• N/A			
Carpark: ventilation monoxide monitor +	(supply & exhaust). Controlled with carbon VSD fan.			
Switch Room: ventile controlled.	ation (supply & exhaust), Thermostatically			
Ventilation • Garbage: ventilation	exhaust only.			
Plant or service room Thermostatically con	ns: ventilation (supply & exhaust). ntrolled.			
Ground floor lobby to	 Ground floor lobby type: no mechanical ventilation 			
Corridors: no mecha	nical ventilation			
Carpark: LED lighting wi	th time clock and motion sensors			
Lifts: LED lighting, conne	ected to lift call button			
Switch Room: LED I	ighting with manual on / manual off.			
Garbage: LED with it	motion sensors.			
Thermostatically cor Ground floor lobby to Carpark: LED lighting wi Lifts: LED lighting, conne Switch Room: LED I Garbage: LED with I Ground floor lobby to Sensors Plant or service roor	 Ground floor lobby type: LED lighting with time clock and motion sensors 			
Plant or service roor off.	ns: LED lighting with manual on / manual			
Ground floor lobby to motion sensors	ype: LED lighting with daylight sensor and			
Corridors: LED lighting	ng with motion sensors			
Hot Water • Central hot water sy R0.75 insulation to t	stem: Gas-fired storage (manifolded) with he pipes			
Alternative Energy Supply • 70 kW Solar PV sys	tem			
Ventilation Kitchen, Bathroom & façade or roof, interl Bedroom areas:	Laundry Exhaust: Individual fan, ducted to ocked to light.			
Bedroom areas:				
Heating: Air-Condition	oning ducting only			
Heating & Cooling Cooling: Air-Condition				
Living areas:				



	 Heating: 1-phase air-conditioning EER 3.5 - 4.0 Cooling: 1-phase air-conditioning EER 3.5 - 4.0 	
Lighting	Fluorescent or LED lights with dedicated fittings	
Other	 Gas cooktops and electric ovens 4.5-star (energy rating) dishwashers. 4.5-star (energy rating) clothes dryers. Indoor clothes drying line and Private outdoor clothes drying line 	



7. Disclaimer

This report is prepared using the information described above and inputs from other consultants. Whilst EEG has endeavoured to ensure the information used is accurate, no responsibility or liability to any third party is accepted for any loss or damage arising out of the use of this report by any third party. Any third party wishing to act upon any material contained in this report should first contact EEG for detailed advice which will take into account that party's particular requirements.

Computer performance assessment provides an estimate of building performance. This estimate is based on a necessarily simplified and idealised version of the building that does not and cannot fully represent all the intricacies of the building once built. As a result, simulation results only represent an interpretation of the potential performance of the building. Although great care has been taken to prepare this report, EEG does not make any representations or give any warranties or assurances as to the accuracy or completeness of the information contained in the report or that the report is free from errors or omission. EEG and its employees and agents shall not be liable for any loss arising because of, any person using or relying on the report and whether caused by reason or error, negligent act or omission in the report. The BASIX assessment and certification has been prepared based on the preliminary architectural and building services design with the view to conduct a detailed assessment once the design is further developed.

Performance of the completed building may be significantly affected by the quality of construction; commissioning, ongoing management of the building, and the way the building is operated, monitored and maintained. Building fabric inputs require verifiable manufacturer data to confirm thermal properties.

This report is intended as a guide to assist with the application of BASIX. It should be read in conjunction with the BASIX and the NCC 2019 Amendment 1; specific applications may vary during the design development of the project.



8. Summary & Conclusion

The proposed development has been assessed in terms of its ability to conserve water and minimise energy consumption. Furthermore, the thermal performance (passive and fabric design) of the development will comply with the BASIX thermal comfort requirements.

Subject to the provisions of this report the proposed development will be able to achieve the BASIX requirements. For further details, please refer to the BASIX Certificate 972037M-03 provided.



Appendix A – BASIX Certificate



Building Sustainability Index www.basix.nsw.gov.au

Multi Dwelling

Certificate number: 972037M 03

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

BASIX

Date of issue: Wednesday, 10 November 2021

To be valid, this certificate must be lodged within 3 months of the date of issue.



Project summary				
Project name	2 Murray Rose Ave, Sydney Olympi_03			
Street address	2 Murray Rose Avenue Sydney Olympic Park 2127			
Local Government Area	Parramatta City Council			
Plan type and plan number	deposited 1185060			
Lot no.	2			
Section no.	-			
No. of residential flat buildings	1			
No. of units in residential flat buildings	125			
No. of multi-dwelling houses	0			
No. of single dwelling houses	0			
Project score				
Water	✓ 60 Target 40			
Thermal Comfort	✓ Pass Target Pass			
Energy	✓ 43 Target 25			

If any changes to this BASIX certificate are required, please contact EEG with following details:

- Project reference: 2 Murray Rose Avenue, Sydney Olympic Park 2127

- Contact number: 0430 108 801

Certificate Prepared by	
Name / Company Name: Eco Engineering Group	
	Π

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ABN (if applicable): 11153980842

Description of project

BASIX

Project address	
Project name	2 Murray Rose Ave, Sydney Olympi_03
Street address	2 Murray Rose Avenue Sydney Olympic Park 2127
Local Government Area	Parramatta City Council
Plan type and plan number	deposited 1185060
Lot no.	2
Section no.	-
Project type	
No. of residential flat buildings	1
No. of units in residential flat buildings	125
No. of multi-dwelling houses	0
No. of single dwelling houses	0
Site details	
Site area (m²)	6453
Roof area (m²)	1390
Non-residential floor area (m²)	0.0
Residential car spaces	124
Non-residential car spaces	2

Common area landscape		
Common area lawn (m²)	289.0	
Common area garden (m²)	1463.0	
Area of indigenous or low water use species (m²)	1463.0	
Assessor details		
Assessor number	20241	
Certificate number	0003333790	
Climate zone	56	
Ceiling fan in at least one bedroom	No	
Ceiling fan in at least one living room or other conditioned area	No	
Project score		
Water	✓ 60 Targ	jet 40
Thermal Comfort	✓ Pass Targ	et Pass
Energy	√ 43 Targ	jet 25

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Description of project

The tables below describe the dwellings and common areas within the project

Residential flat buildings - Building 2, 125 dwellings, 16 storeys above ground

Dwelling no.	No. of hedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & lawn (m²)	Indigenous species (min area m²)
2000	13	101.0	0.0	0.0	0.0
2000	62	93.0	0.0	0.0	0.0
2010	51	48.0	0.0	0.0	0.0
2011	02	72.0	0.0	0.0	0.0
2020	53	112.0	0.0	0.0	0.0
2021	01	52.0	0.0	0.0	0.0
2030	22	76.0	0.0	0.0	0.0
2030	71	48.0	0.0	0.0	0.0
2031	22	83.0	0.0	0.0	0.0
2040	31	48.0	0.0	0.0	0.0
2040	82	77.0	0.0	0.0	0.0
2041	32	72.0	0.0	0.0	0.0
2050	41	49.0	0.0	0.0	0.0
2050	92	77.0	0.0	0.0	0.0
2051	41	49.0	0.0	0.0	0.0
2060	53	120.0	0.0	0.0	0.0
2061	02	72.0	0.0	0.0	0.0
2070	42	75.0	0.0	0.0	0.0

BASIX

Dwelling no.	No. of bedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & Iawn (m²)	Indigenous species (min area m²)
2000	21	55.0	0.0	0.0	0.0
2010	11	52.0	0.0	0.0	0.0
2010	62	77.0	0.0	0.0	0.0
2020	12	83.0	0.0	0.0	0.0
2020	61	48.0	0.0	0.0	0.0
2021	12	83.0	0.0	0.0	0.0
2030	31	48.0	0.0	0.0	0.0
2030	82	77.0	0.0	0.0	0.0
2031	32	72.0	0.0	0.0	0.0
2040	41	49.0	0.0	0.0	0.0
2040	92	77.0	0.0	0.0	0.0
2041	41	49.0	0.0	0.0	0.0
2050	52	73.0	0.0	0.0	0.0
2051	02	82.0	0.0	0.0	0.0
2060	12	79.0	0.0	0.0	0.0
2060	62	72.0	0.0	0.0	0.0
2061	11	49.0	0.0	0.0	0.0
2070	53	113.0	0.0	0.0	0.0

Dwelling no.	No. of hedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & lawn (m²)	Indigenous species (min area m²)
2000	31	55.0	0.0	0.0	0.0
2010	22	76.0	0.0	0.0	0.0
2010	72	77.0	0.0	0.0	0.0
2020	21	48.0	0.0	0.0	0.0
2020	72	77.0	0.0	0.0	0.0
2021	22	72.0	0.0	0.0	0.0
2030	41	49.0	0.0	0.0	0.0
2030	92	77.0	0.0	0.0	0.0
2031	41	49.0	0.0	0.0	0.0
2040	52	73.0	0.0	0.0	0.0
2041	02	82.0	0.0	0.0	0.0
2050	12	79.0	0.0	0.0	0.0
2050	63	112.0	0.0	0.0	0.0
2051	11	52.0	0.0	0.0	0.0
2060	21	55.0	0.0	0.0	0.0
2060	73	92.0	0.0	0.0	0.0
2070	12	79.0	0.0	0.0	0.0
2070	62	72.0	0.0	0.0	0.0

Dwelling no.	No. of hedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & lawn (m²)	Indigenous species (min area m²)
2000	41	55.0	0.0	0.0	0.0
2010	32	73.0	0.0	0.0	0.0
2010	82	93.0	0.0	0.0	0.0
2020	31	49.0	0.0	0.0	0.0
2020	82	77.0	0.0	0.0	0.0
2021	31	49.0	0.0	0.0	0.0
2030	52	73.0	0.0	0.0	0.0
2031	02	82.0	0.0	0.0	0.0
2040	12	79.0	0.0	0.0	0.0
2040	63	112.0	0.0	0.0	0.0
2041	11	52.0	0.0	0.0	0.0
2050	22	76.0	0.0	0.0	0.0
2050	71	48.0	0.0	0.0	0.0
2051	22	83.0	0.0	0.0	0.0
2060	32	78.0	0.0	0.0	0.0
2060	82	92.0	0.0	0.0	0.0
2070	21	55.0	0.0	0.0	0.0
2070	72	84.0	0.0	0.0	0.0

Dwelling no.	No. of hedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & Iawn (m²)	Indigenous species (min area m²)
2000	51	55.0	0.0	0.0	0.0
2010	43	112.0	0.0	0.0	0.0
2010	92	83.0	0.0	0.0	0.0
2020	42	73.0	0.0	0.0	0.0
2020	92	82.0	0.0	0.0	0.0
2030	12	79.0	0.0	0.0	0.0
2030	63	112.0	0.0	0.0	0.0
2031	11	52.0	0.0	0.0	0.0
2040	22	76.0	0.0	0.0	0.0
2040	71	48.0	0.0	0.0	0.0
2041	22	83.0	0.0	0.0	0.0
2050	31	48.0	0.0	0.0	0.0
2050	82	77.0	0.0	0.0	0.0
2051	32	72.0	0.0	0.0	0.0
2060	42	75.0	0.0	0.0	0.0
2060	92	83.0	0.0	0.0	0.0
2070	32	73.0	0.0	0.0	0.0
2070	82	92.0	0.0	0.0	0.0

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Dwelling no.	No. of hedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & Iawn (m²)	Indigenous species (min area m²)
2070	92	83.0	0.0	0.0	0.0
2080	32	92.0	0.0	0.0	0.0
2090	22	83.0	0.0	0.0	0.0
2090	72	96.0	0.0	0.0	0.0
2100	53	113.0	0.0	0.0	0.0
2110	43	118.0	0.0	0.0	0.0
2130	or m	295.5 ore edroom		0.0	0.0

Dwelling no.	No. of bedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & lawn (m²)	Indigenous species (min area m²)
2071	02	72.0	0.0	0.0	0.0
2080	42	83.0	0.0	0.0	0.0
2090	32	76.0	0.0	0.0	0.0
2100	12	83.0	0.0	0.0	0.0
2100	62	96.0	0.0	0.0	0.0
2110	52	96.0	0.0	0.0	0.0
2140	or m	209.7 ore edroom		0.0	0.0

Dwelling no.	No. of hedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & lawn (m²)	Indigenous species (min area m²)
2071	11	49.0	0.0	0.0	0.0
2080	52	72.0	0.0	0.0	0.0
2090	42	74.0	0.0	0.0	0.0
2100	22	83.0	0.0	0.0	0.0
2110	12	83.0	0.0	0.0	0.0
2120	13	131.0	0.0	0.0	0.0
2B10	13	101.0	0.0	0.0	0.0

Dwelling no.	No. of hedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & Iawn (m²)	Indigenous species (min area m²)
2080	12	83.0	0.0	0.0	0.0
2080	61	49.0	0.0	0.0	0.0
2090	52	84.0	0.0	0.0	0.0
2100	32	76.0	0.0	0.0	0.0
2110	22	83.0	0.0	0.0	0.0
2120	23	129.0	0.0	0.0	0.0
2B10	23	116.0	0.0	0.0	0.0

Dwelling no.	No. of bedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & lawn (m²)	Indigenous species (min area m²)
2080	21	55.0	0.0	0.0	0.0
2090	12	83.0	0.0	0.0	0.0
2090	63	106.0	0.0	0.0	0.0
2100	43	111.0	0.0	0.0	0.0
2110	32	76.0	0.0	0.0	0.0
2120	33	111.0	0.0	0.0	0.0
2B10	33	116.0	0.0	0.0	0.0

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Description of project

BASIX

The tables below describe the dwellings and common areas within the project

Common areas of unit building - Building 2

Common area	Floor area (m²)					
Car park area - Building 2	5107.0					
Switch rooms - Building 2	64.0					
Ground floor lobby - Building 2	102.0					

Common area	Floor area (m²)
Lift car (No.1)	-
Garbage rooms - Building 2	47.0
Upper level corridors - Building 2	260.0

Common area	Floor area (m²)
Lift car (No.2)	-
Plant or service rooms - Building 2	529.0

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Schedule of BASIX commitments

- 1. Commitments for Residential flat buildings Building 2
 - (a) Dwellings
 - (i) Water
 - (ii) Energy
 - (iii) Thermal Comfort
 - (b) Common areas and central systems/facilities
 - (i) Water
 - (ii) Energy
- 2. Commitments for multi-dwelling houses
- 3. Commitments for single dwelling houses
- 4. Commitments for common areas and central systems/facilities for the development (non-building specific)
 - (i) Water
 - (ii) Energy

BASIX

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Schedule of BASIX commitments

The commitments set out below regulate how the proposed development is to be carried out. It is a condition of any development consent granted, or complying development certificate issued, for the proposed development, that BASIX commitments be complied with.

1. Commitments for Residential flat buildings - Building 2

(a) Dwellings

BASIX

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifie check
(a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.			
(b) The applicant must plant indigenous or low water use species of vegetation throughout the area of land specified for the dwelling in the "Indigenous species" column of the table below, as private landscaping for that dwelling. (This area of indigenous vegetation is to be contained within the "Area of garden and lawn" for the dwelling specified in the "Description of Project" table).	~	~	
(c) If a rating is specified in the table below for a fixture or appliance to be installed in the dwelling, the applicant must ensure that each such fixture and appliance meets the rating specified for it.		~	~
(d) The applicant must install an on demand hot water recirculation system which regulates all hot water use throughout the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below.		~	V
(e) The applicant must install:			
(aa) a hot water diversion system to all showers, kitchen sinks and all basins in the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below; and		✓	-
(bb) a separate diversion tank (or tanks) connected to the hot water diversion systems of at least 100 litres. The applicant must connect the hot water diversion tank to all toilets in the dwelling.		✓	-
(e) The applicant must not install a private swimming pool or spa for the dwelling, with a volume exceeding that specified for it in the table below.	V	~	
(f) If specified in the table, that pool or spa (or both) must have a pool cover or shading (or both).		✓	
(g) The pool or spa must be located as specified in the table.	•	✓	
(h) The applicant must install, for the dwelling, each alternative water supply system, with the specified size, listed for that dwelling in the table below. Each system must be configured to collect run-off from the areas specified (excluding any area which supplies any other alternative water supply system), and to divert overflow as specified. Each system must be connected as specified.	~	~	V

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	Fixtures				Appliances Individual			vidual pool	dual pool		Individual spa			
Dwelling no.	All shower- heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish- washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
All dwellings	3 star (> 4.5 but <= 6 L/min)	4 star	6 star	6 star	no	4 star	6 star	-	-	-	-	-	-	-

	Alternative water source									
Dwelling no.	Alternative water supply systems	Size	Configuration	Landscape connection	Toilet connection (s)	Laundry connection	Pool top-up	Spa top-up		
All dwellings	central water tank (no. 2)	See central systems	See central systems	no	yes	yes	no	no		
None	-	-	-	-	-	-	-	-		

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.			
(b) The applicant must install each hot water system specified for the dwelling in the table below, so that the dwelling's hot water is supplied by that system. If the table specifies a central hot water system for the dwelling, then the applicant must connect that central system to the dwelling, so that the dwelling's hot water is supplied by that central system.	~	~	~
(c) The applicant must install, in each bathroom, kitchen and laundry of the dwelling, the ventilation system specified for that room in the table below. Each such ventilation system must have the operation control specified for it in the table.		~	V
(d) The applicant must install the cooling and heating system/s specified for the dwelling under the "Living areas" and "Bedroom areas" headings of the "Cooling" and "Heating" columns in the table below, in/for at least 1 living/bedroom area of the dwelling. If no cooling or heating system is specified in the table for "Living areas" or "Bedroom areas", then no systems may be installed in any such areas. If the term "zoned" is specified beside an air conditioning system, then the system must provide for day/night zoning between living areas and bedrooms.		~	~
(e) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Artificial lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that the "primary type of artificial lighting" for each such room in the dwelling is fluorescent lighting or light emitting diode (LED) lighting. If the term "dedicated" is specified for a particular room or area, then the light fittings in that room or area must only be capable of being used for fluorescent lighting or light emitting diode (LED) lighting.		~	~

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(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(f) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Natural lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that each such room or area is fitted with a window and/or skylight.	~	~	~
(g) This commitment applies if the applicant installs a water heating system for the dwelling's pool or spa. The applicant must:			
(aa) install the system specified for the pool in the "Individual Pool" column of the table below (or alternatively must not install any system for the pool). If specified, the applicant must install a timer, to control the pool's pump; and		~	
(bb) install the system specified for the spa in the "Individual Spa" column of the table below (or alternatively must not install any system for the spa). If specified, the applicant must install a timer to control the spa's pump.		•	
(h) The applicant must install in the dwelling:			
(aa) the kitchen cook-top and oven specified for that dwelling in the "Appliances & other efficiency measures" column of the table below;		•	
(bb) each appliance for which a rating is specified for that dwelling in the "Appliances & other efficiency measures" column of the table, and ensure that the appliance has that minimum rating; and		~	V
(cc) any clothes drying line specified for the dwelling in the "Appliances & other efficiency measures" column of the table.		•	
(i) If specified in the table, the applicant must carry out the development so that each refrigerator space in the dwelling is "well ventilated".		V	

	Hot water	Bathroom ven	tilation system	Kitchen vent	ilation system	Laundry ventilation system		
Dwelling no.	Hot water system	t water system		Each kitchen	Operation control	Each laundry	Operation control	
All dwellings	central hot water system 2	individual fan, ducted to façade or roof	interlocked to light	individual fan, ducted to façade or roof	interlocked to light	individual fan, ducted to façade or roof	interlocked to light	

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	Cooling Heating					Artificial	lighting			Natural lighting		
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitcher
All dwellings	1-phase airconditioning EER 3.5 - 4.0	airconditioning ducting only	1-phase airconditioning EER 3.5 - 4.0	airconditioning ducting only	2 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	-

		Individual p	ool	Individual s	ра			Appliance	es & other effic	iency meas	ures		
Dwel	lling	Pool heating system	Timer	Spa heating system	Timer	Kitchen cooktop/oven	Refrigerator	Well ventilated fridge space	Dishwasher	Clothes washer	Clothes dryer	Indoor or sheltered clothes drying line	Private outdoor or unsheltered clothes drying line
All dwell	lings	-	-	-	-	gas cooktop & electric oven	-	-	4.5 star	-	4.5 star	yes	-

(iii) Thermal Comfort	Show on DA plans	Show on CC/CDC plans & specs	Certifie check
(a) The applicant must attach the certificate referred to under "Assessor details" on the front page of this BASIX certificate (the "Assessor Certificate") to the development application and construction certificate application for the proposed development (or, if the applicant is applying for a complying development certificate for the proposed development, to that application). The applicant must also attach the Assessor Certificate to the application for a final occupation certificate for the proposed development.			
(b) The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.			
(c) The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX Certificate, including the details shown in the "Thermal Loads" table below.			
(d) The applicant must show on the plans accompanying the development application for the proposed development, all matters which the Thermal Comfort Protocol requires to be shown on those plans. Those plans must bear a stamp of endorsement from the Accredited Assessor, to certify that this is the case.	~		
(e) The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), all thermal performance specifications set out in the Assessor Certificate, and all aspects of the proposed development which were used to calculate those specifications.		~	

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Show on DA plans	Show on CC/CDC plans & specs	Certifier check
	~	~
-	~	V
-	~	~
	DA plans	DA plans plans & specs

		Thermal loads
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
20001	8.9	15.4
20002	5.4	15.7
20005	7.8	15.7
20006	24.8	10.7
20101	16.9	9.7
20102	33.6	7.7
20103	26.9	8.1
20104	16.3	16.8
20105	20.4	11.4
20106	15.7	12.6
20107	17.4	12.6
20108	21.3	11.6
20109	39.1	9.4
20110	31.0	5.8

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		Thermal loads
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
20201	32.7	12.9
20202	30.8	8.3
20203	9.5	8.4
20204	12.6	7.5
20205	18.4	12.7
20206	22.7	9.4
20209	32.8	8.4
20210	23.7	7.8
20211	22.6	9.6
20212	15.8	5.6
20213	31.6	7.5
20301	25.1	14.5
20302	42.3	5.7
20303	11.7	10.0
20304	9.4	7.9
20305	12.4	7.4
20306	18.4	12.6
20310	33.2	8.5
20311	23.8	7.4
20312	22.8	9.4
20314	31.7	7.4
20401	24.0	14.6
20402	20.4	7.2
20403	11.3	9.5
20404	9.5	7.8
20405	11.7	6.9
20406	18.0	12.2

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	Thermal loads					
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)				
20407	23.5	9.2				
20410	33.6	8.3				
20411	24.1	7.5				
20414	31.7	7.2				
20501	21.7	14.9				
20502	28.7	7.9				
20503	13.6	9.3				
20504	16.2	7.7				
20505	17.1	7.4				
20506	24.6	12.4				
20507	32.3	8.7				
20510	40.6	8.4				
20511	24.2	7.3				
20512	23.3	9.3				
20513	15.7	5.5				
20514	31.5	7.0				
20601	19.3	15.8				
20602	16.4	7.5				
20603	18.0	5.6				
20604	14.0	6.0				
20605	16.3	6.9				
20606	15.5	8.2				
20607	16.8	11.6				
20608	26.9	7.8				
20609	23.2	9.5				
20610	15.4	5.9				
20611	31.1	7.7				

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		Thermal loads
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
20701	17.9	16.6
20702	10.0	7.2
20703	20.8	8.3
20704	24.1	6.1
20705	22.1	14.7
20706	25.5	8.0
20707	31.4	12.4
20708	27.2	7.9
20709	22.8	9.8
20710	14.9	5.7
20711	30.7	7.9
20801	17.2	17.1
20802	10.8	7.1
20803	30.1	7.9
20804	31.8	10.9
20805	16.4	6.1
20806	30.2	8.2
20905	25.5	7.0
20906	26.0	6.3
20907	26.2	8.2
21001	14.4	5.3
21002	23.2	6.3
21003	17.4	14.6
21004	6.9	10.0
21005	11.9	7.3
21006	17.1	13.0
21101	40.0	9.2

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		Thermal loads
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
21102	22.7	6.6
21103	27.4	16.0
21104	7.6	10.1
21105	12.0	7.5
21201	13.9	6.9
21202	18.8	13.1
21203	28.8	8.0
21301	12.0	7.9
21401	24.6	8.2
2B101	16.4	17.8
2B102	22.6	13.6
2B103	17.7	13.3
20003, 20004	4.0	16.7
20207, 20208	18.0	9.8
20307, 20412	23.1	9.2
20308, 20309	18.4	9.5
20313, 20413	15.8	5.7
20408, 20409	18.7	9.3
20508, 20509	20.4	9.5
20901, 20903	17.8	13.9
All other dwellings	7.8	9.8

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(b) Common areas and central systems/facilities

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(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a showerhead, toilet, tap or clothes washer into a common area, then that item must meet the specifications listed for it in the table.		•	V
(b) The applicant must install (or ensure that the development is serviced by) the alternative water supply system(s) specified in the "Central systems" column of the table below. In each case, the system must be sized, be configured, and be connected, as specified in the table.	~	~	~
(c) A swimming pool or spa listed in the table must not have a volume (in kLs) greater than that specified for the pool or spa in the table.	V	<u> </u>	
(d) A pool or spa listed in the table must have a cover or shading if specified for the pool or spa in the table.		•	
(e) The applicant must install each fire sprinkler system listed in the table so that the system is configured as specified in the table.		•	V
(f) The applicant must ensure that the central cooling system for a cooling tower is configured as specified in the table.		V	V

Common area	Showerheads rating	Toilets rating	Taps rating	Clothes washers rating
All common areas	no common facility	4 star	5 star	no common laundry facility

Central systems	Size	Configuration	Connection (to allow for)
Central water tank - rainwater or stormwater (No. 2)	60000.0	To collect run-off from at least: - 1112.0 square metres of roof area of buildings in the development - 1500.0 square metres of impervious area in the development - 0.0 square metres of garden/lawn area in the development - 0.0 square metres of planter box area in the development (excluding, in each case, any area which drains to, or supplies, any other alternative water supply system).	- irrigation of 667.0 square metres of common landscaped area on the site - car washing in 1 car washing bays on the site
Fire sprinkler system (No. 2)	-	So that fire sprinkler test water is contained within the fire sprinkler system for re-use, rather than disposed.	-

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(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a ventilation system to service a common area specified in the table below, then that ventilation system must be of the type specified for that common area, and must meet the efficiency measure specified.		~	~
(b) In carrying out the development, the applicant must install, as the "primary type of artificial lighting" for each common area specified in the table below, the lighting specified for that common area. This lighting must meet the efficiency measure specified. The applicant must also install a centralised lighting control system or Building Management System (BMS) for the common area, where specified.		~	~
(c) The applicant must install the systems and fixtures specified in the "Central energy systems" column of the table below. In each case, the system or fixture must be of the type, and meet the specifications, listed for it in the table.	V	~	V

Common area ventilation system			Common area lighting			
Common area	Ventilation system type	Ventilation efficiency measure	Primary type of artificial lighting	Lighting efficiency measure	Lighting control system/BMS	
Car park area - Building 2	ventilation (supply + exhaust)	carbon monoxide monitor + VSD fan	light-emitting diode	motion sensors	No	
Lift car (No.1)	-	-	light-emitting diode	connected to lift call button	No	
Lift car (No.2)	-	-	light-emitting diode	connected to lift call button	No	
Switch rooms - Building 2	ventilation (supply + exhaust)	thermostatically controlled	light-emitting diode	manual on / manual off	No	
Garbage rooms - Building 2	ventilation exhaust only	-	light-emitting diode	motion sensors	No	
Plant or service rooms - Building 2	ventilation (supply + exhaust)	thermostatically controlled	light-emitting diode	manual on / manual off	No	
Ground floor lobby - Building 2	no mechanical ventilation	-	light-emitting diode	daylight sensor and motion sensor	No	
Upper level corridors - Building 2	no mechanical ventilation	-	light-emitting diode	motion sensors	No	

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Central energy systems	Туре	Specification
Central hot water system (No. 2)	gas-fired storage (manifolded)	Piping insulation (ringmain & supply risers): (a) Piping external to building: R0.75 (~32 mm); (b) Piping internal to building: R0.75 (~32 mm)
Lift (No. 1)	gearless traction with V V V F motor	Number of levels (including basement): 18
Lift (No. 2)	gearless traction with V V V F motor	Number of levels (including basement): 18

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4. Commitments for common areas and central systems/facilities for the development (non-building specific)

(b) Common areas and central systems/facilities

BASIX

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a showerhead, toilet, tap or clothes washer into a common area, then that item must meet the specifications listed for it in the table.		~	V
(b) The applicant must install (or ensure that the development is serviced by) the alternative water supply system(s) specified in the "Central systems" column of the table below. In each case, the system must be sized, be configured, and be connected, as specified in the table.	~	~	~
(c) A swimming pool or spa listed in the table must not have a volume (in kLs) greater than that specified for the pool or spa in the table.	V	~	
(d) A pool or spa listed in the table must have a cover or shading if specified for the pool or spa in the table.		~	
(e) The applicant must install each fire sprinkler system listed in the table so that the system is configured as specified in the table.		~	V
(f) The applicant must ensure that the central cooling system for a cooling tower is configured as specified in the table.		V	V

Common area	Showerheads rating	Toilets rating	Taps rating	Clothes washers rating
All common areas	no common facility	4 star	5 star	no common laundry facility

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a ventilation system to service a common area specified in the table below, then that ventilation system must be of the type specified for that common area, and must meet the efficiency measure specified.		~	~
(b) In carrying out the development, the applicant must install, as the "primary type of artificial lighting" for each common area specified in the table below, the lighting specified for that common area. This lighting must meet the efficiency measure specified. The applicant must also install a centralised lighting control system or Building Management System (BMS) for the common area, where specified.		~	~
(c) The applicant must install the systems and fixtures specified in the "Central energy systems" column of the table below. In each case, the system or fixture must be of the type, and meet the specifications, listed for it in the table.	V	~	V

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Central energy systems	Туре	Specification
Alternative energy supply	Photovoltaic system	Rated electrical output (min): 50.0 peak kW

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Notes

- 1. In these commitments, "applicant" means the person carrying out the development.
- 2. The applicant must identify each dwelling, building and common area listed in this certificate, on the plans accompanying any development application, and on the plans and specifications accompanying the application for a construction certificate / complying development certificate, for the proposed development, using the same identifying letter or reference as is given to that dwelling, building or common area in this certificate.
- 3. This note applies if the proposed development involves the erection of a building for both residential and non-residential purposes (or the change of use of a building for both residential and non-residential purposes). Commitments in this certificate which are specified to apply to a "common area" of a building or the development, apply only to that part of the building or development to be used for residential purposes.
- 4. If this certificate lists a central system as a commitment for a dwelling or building, and that system will also service any other dwelling or building within the development, then that system need only be installed once (even if it is separately listed as a commitment for that other dwelling or building).
- 5. If a star or other rating is specified in a commitment, this is a minimum rating.
- 6. All alternative water systems to be installed under these commitments (if any), must be installed in accordance with the requirements of all applicable regulatory authorities. NOTE: NSW Health does not recommend that stormwater, recycled water or private dam water be used to irrigate edible plants which are consumed raw, or that rainwater be used for human consumption in areas with potable water supply.

Legend

BASIX

- 1. Commitments identified with a " in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).
- 2. Commitments identified with a " in the "Show on CC/CDC plans and specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.
- 3. Commitments identified with a " in the "Certifier check" column must be certified by a certifying authority as having been fulfilled. (Note: a certifying authority must not issue an occupation certificate (either interim or final) for a building listed in this certificate, or for any part of such a building, unless it is satisfied that each of the commitments whose fulfilment it is required to monitor in relation to the building or part, has been fulfilled).

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Nationwide House Energy Rating Scheme* — Class 2 summary



Assessor details

Accreditation

number: **20241**

Name: Henky Mantophani
Organisation: ESD Synergy Pty Ltd
Email: info@esdsynergy.com

Phone: **0497979868**

Declaration The Assessor has provided design

of interest: advice to the Applicant
Software: BERS Pro v4.3.0.2d (3.13)

BERS Pro v4.3.0.2f (3.13)

AAO: ABSA

Dwelling details

Street: 1-2 Murray Rose Ave

Suburb: Olympic Park

State: **NSW** Postcode: **2127**

Scan to access this certificate online and confirm this is valid.





Summary of all dwellings

Certificate Details					
Certificate number	Unit number	Heating load	Cooling load	Total load	Star Rating
0003332541	2B101	16.4	17.8	34.2	7.4
0003332558	2B102	22.6	13.6	36.2	7.2
0003332608	2B103	17.7	13.3	31.1	7.6
0003332624	20001	8.9	15.4	24.3	8.2
0003332640	20002	5.4	15.7	21.1	8.4
0003332533	20003	4.0	16.7	20.7	8.4
0003332574	20004	4.0	16.7	20.7	8.4
0003332590	20005	7.8	15.7	23.5	8.3
0003332616	20006	24.8	10.7	35.5	7.3
0003332632	20101	16.9	9.7	26.6	7.9
0003332525	20102	33.6	7.7	41.4	6.9
0003332566	20103	26.9	8.1	34.9	7.3
0003332582	20104	16.3	16.8	33.1	7.4
0003332657	20105	20.4	11.4	31.8	7.5
0003332707	20106	15.7	12.6	28.2	7.9

^{*} Nationwide House Energy Rating Scheme (NatHERS) is an initiative of the Australian, state and territory governments. For more details see www.nathers.gov.au

Nationwide House Energy Rating Scheme* - Class 2 summary

Certificate number: 0003333790

Certificate Date:

12 Oct 2021

★ Average Star rating: 7.7



Summary of all dwellings continued

Certificate Details					
Certificate number	Unit number	Heating load	Cooling load	Total load	Star Rating
0003332715	20107	17.4	12.6	30.0	7.7
0003332749	20108	21.3	11.6	32.9	7.4
0003332772	20109	39.1	9.4	48.5	6.3
0003332822	20110	31.0	5.8	36.8	7.2
0003332855	20201	32.7	12.9	45.6	6.4
0003332889	20202	30.8	8.3	39.1	6.9
0003332897	20203	9.5	8.4	17.8	8.7
0003332939	20204	12.6	7.5	20.1	8.4
0003332962	20205	18.4	12.7	31.2	7.6
0003333002	20206	22.7	9.4	32.1	7.4
0003333036	20207	18.0	9.8	27.8	7.9
0003333069	20208	18.0	9.8	27.8	7.9
0003333085	20209	32.8	8.4	41.2	6.9
0003333135	20210	23.7	7.5	31.2	7.6
0003333150	20211	22.6	9.6	32.2	7.4
0003333192	20212	15.8	5.6	21.3	8.4
0003333200	20213	31.6	7.5	39.2	6.9
0003333242	20301	25.1	14.5	39.5	6.9
0003333267	20302	42.3	5.7	48.0	6.3
0003333309	20303	11.7	10.0	21.7	8.4
0003333325	20304	9.4	7.9	17.3	8.8
0003333358	20305	12.4	7.4	19.7	8.5
0003333390	20306	18.4	12.6	31.0	7.6
0003332673	20307	23.1	9.2	32.3	7.4
0003332699	20308	18.4	9.5	27.9	7.9
0003332723	20309	18.4	9.5	27.9	7.9
0003332764	20310	33.2	8.5	41.7	6.8
0003332798	20311	23.8	7.4	31.2	7.6
0003332814	20312	22.8	9.4	32.2	7.4
0003332830	20313	15.8	5.7	21.5	8.4
0003332863	20314	31.7	7.4	39.1	6.9
0003332905	20401	24.0	14.6	38.6	7.1
0003332921	20402	20.4	7.2	27.7	7.9
0003332954	20403	11.3	9.5	20.8	8.4
0003332988	20404	9.5	7.8	17.3	8.8
0003333010	20405	11.7	6.9	18.6	8.7
0003333044	20406	18.0	12.2	30.2	7.7
0003333077	20407	23.5	9.2	32.6	7.4
0003333101	20408	18.7	9.3	28.0	7.9
0003333119	20409	18.7	9.3	28.0	7.9
0003333168	20410	33.6	8.3	41.8	6.8
0003333184	20411	24.1	7.5	31.5	7.6
0003333218	20412	23.1	9.2	32.3	7.4

^{*} Nationwide House Energy Rating Scheme (NatHERS) is an initiative of the Australian, state and territory governments. For more details see www.nathers.gov.au

Nationwide House Energy Rating Scheme* - Class 2 summary

Certificate number: 0003333790

Certificate Date:

12 Oct 2021

★ Average Star rating: 7.7



Summary of all dwellings continued

Certificate Details					
Certificate number	Unit number	Heating load	Cooling load	Total load	Star Rating
0003333234	20413	15.8	5.7	21.6	8.4
0003333275	20414	31.7	7.2	38.9	7
0003333291	20501	21.7	14.9	36.6	7.2
0003333333	20502	28.7	7.9	36.5	7.2
0003333374	20503	13.6	9.3	22.9	8.3
0003332665	20504	16.2	7.7	23.9	8.2
0003332681	20505	17.1	7.4	24.6	8.2
0003332731	20506	24.6	12.4	37.1	7.2
0003332756	20507	32.3	8.7	41.0	6.9
0003332780	20508	20.4	9.5	29.9	7.7
0003332806	20509	20.4	9.5	29.9	7.7
0003332848	20510	40.6	8.4	49.0	6.2
0003332871	20511	24.2	7.3	31.5	7.6
0003332913	20512	23.3	9.3	32.5	7.4
0003332947	20513	15.7	5.5	21.2	8.4
0003332970	20514	31.5	7.0	38.5	7.1
0003332996	20601	19.3	15.8	35.1	7.3
0003333028	20602	16.4	7.5	23.9	8.2
0003333051	20603	18.0	5.6	23.6	8.2
0003333093	20604	14.0	6.0	20.0	8.4
0003333788	20605	16.3	6.9	23.2	8.3
0003333143	20606	15.5	8.2	23.8	8.2
0003333176	20607	16.8	11.6	28.4	7.9
0003333226	20608	26.9	7.8	34.7	7.4
0003333259	20609	23.2	9.5	32.7	7.4
0003333283	20610	15.4	5.9	21.3	8.4
0003333317	20611	31.1	7.7	38.8	7
0003333341	20701	17.9	16.6	34.5	7.4
0003333366	20702	10.0	7.2	17.2	8.8
0003333382	20703	20.8	8.3	29.2	7.8
0003333424	20704	24.1	6.1	30.2	7.7
0003333127-03	20705	22.1	14.7	36.8	7.2
0003333473	20706	25.5	8.0	33.5	7.4
0003333481	20707	31.4	12.4	43.8	6.7
0003333523	20708	27.2	7.9	35.0	7.3
0003333556	20709	22.8	9.8	32.6	7.4
0003333580	20710	14.9	5.7	20.6	8.4
0003333606	20711	30.7	7.9	38.6	7.1
0003333630	20801	17.2	17.1	34.3	7.4
0003333663	20802	10.9	7.1	18.0	8.7
0003333713	20803	30.1	7.9	38.0	7.1
0003333747	20804	31.8	10.9	42.7	6.7
0003333770	20805	16.4	6.1	22.4	8.3

^{*} Nationwide House Energy Rating Scheme (NatHERS) is an initiative of the Australian, state and territory governments. For more details see www.nathers.gov.au

Nationwide House Energy Rating Scheme* - Class 2 summary

Certificate number: **0003333790**

Certificate Date:

12 Oct 2021

★ Average Star rating:



Summary of all dwellings continued

Certificate number	Unit number	Heating load	Cooling load	Total load	Star Rating
0003333416	20806	30.2	8.2	38.4	7.1
0003333440	20901	17.8	13.9	31.7	7.6
0003333465	20902	7.8	9.8	17.6	8.7
0003333507	20903	25.5	7.0	32.5	7.4
0003333515	20904	26.0	6.3	32.3	7.4
0003333549	20905	26.2	8.2	34.4	7.4
0003333572	20906	14.4	5.3	19.7	8.6
0003333614	20907	23.2	6.3	29.5	7.8
0003333648	21001	17.4	14.6	32.0	7.4
0003333671	21002	6.9	10.0	16.9	8.8
0003333697	21003	11.9	7.3	19.3	8.6
0003333721	21004	17.1	13.0	30.1	7.7
0003333762	21005	40.0	9.2	49.2	6.2
0003333408	21006	22.7	6.6	29.3	7.8
0003333432	21101	27.4	16.0	43.3	6.7
0003333457	21102	7.6	10.1	17.7	8.7
0003333499	21103	12.0	7.5	19.5	8.6
0003333531	21104	29.9	9.9	39.9	6.9
0003333564	21105	22.6	6.4	28.9	7.8
0006665665	21201	13.9	6.9	20.7	8.4
0003333622	21202	18.8	13.1	31.9	7.5
0003333655	21203	28.8	8.0	36.8	7.2
0006665673	21301	12.0	7.9	19.8	8.5
0003333705	21302	33.8	7.8	41.7	6.8
0006665681	21401	24.6	8.2	32.9	7.4

Henky Mantophani 20241

1-2 Murray Rose Avenue, Olympic Park

'ANTARA' RESIDENTIAL DEVELOPMENT APPLICATION

COVER SHEET & DRAWING LIST

	DA_DRAWING LIST		
Sheet Number	Sheet Name	Current Revision	Current Revision Date
			I
DA-00-0000	DRAWING LIST	D	03.11.2021
DA-00-0100	DEVELOPMENT DATA SHEET	D	03.11.2021
DA-00-0200	SITE PLAN	Α	12.10.2018
DA-00-0300	SITE ANALYSIS PLAN	Α	12.10.2018
DA-00-0400	DEMOLITION PLAN	Α	12.10.2018
DA-00-0500	ARCHITECTURAL SITE PLAN	В	03.11.2021
DA-10-1700	GENERAL ARRANGEMENT PLANS - S1 LEVEL B3	В	24.01.2019
DA-10-1800	GENERAL ARRANGEMENT PLANS - S1 LEVEL B2	В	24.01.2019
DA-10-1900	GENERAL ARRANGEMENT PLANS - S1 LEVEL B1	D	17.05.2019
DA-10-2000	GENERAL ARRANGEMENT PLANS - S1 LEVEL 00	E	04.06.2019
DA-10-2100	GENERAL ARRANGEMENT PLANS - S1 LEVEL 01	D	17.05.2019
DA-10-2200	GENERAL ARRANGEMENT PLANS - S1 LEVEL 02	C	17.05.2019
DA-10-2300	GENERAL ARRANGEMENT PLANS - S1 LEVEL 03-05	В	17.05.2019
DA-10-2400	GENERAL ARRANGEMENT PLANS - S1 LEVEL 06	В	17.05.2019
DA-10-2500	GENERAL ARRANGEMENT PLANS - S1 LEVEL 07	В	17.05.2019
DA-10-2600	GENERAL ARRANGEMENT PLANS - S1 LEVEL 08	D	17.05.2019
DA-10-2700	GENERAL ARRANGEMENT PLANS - S1 LEVEL 09	D	17.05.2019
DA-10-2800	GENERAL ARRANGEMENT PLANS - S1 LEVEL 10	D	17.05.2019
DA-10-2900	GENERAL ARRANGEMENT PLANS - S1 LEVEL 11	D	17.05.2019
DA-10-3000	GENERAL ARRANGEMENT PLANS - S1 LEVEL 12	A	12.10.2018
DA-10-3000 DA-10-3100	GENERAL ARRANGEMENT PLANS - S1 ROOF	A	12.10.2018
DA-10-4700	GENERAL ARRANGEMENT PLANS - S2 LEVEL B3	D	03.11.2021
DA-10-4800	GENERAL ARRANGEMENT PLANS - S2 LEVEL B2	D	03.11.2021
DA-10-4900	GENERAL ARRANGEMENT PLANS - S2 LEVEL B1	E	03.11.2021
DA-10-4900 DA-10-5000	GENERAL ARRANGEMENT PLANS - S2 LEVEL 00	D	03.11.2021
DA-10-5000 DA-10-5100	GENERAL ARRANGEMENT PLANS - S2 LEVEL 01	E	03.11.2021
DA-10-5100	GENERAL ARRANGEMENT PLANS - S2 LEVEL 02	D	03.11.2021
DA-10-5200 DA-10-5300	GENERAL ARRANGEMENT PLANS - S2 LEVEL 02 GENERAL ARRANGEMENT PLANS - S2 LEVEL 03-05	D	03.11.2021
DA-10-5300 DA-10-5400	GENERAL ARRANGEMENT PLANS - S2 LEVEL 06	D	03.11.2021
DA-10-5400 DA-10-5500	GENERAL ARRANGEMENT PLANS - S2 LEVEL 07	D	03.11.2021
DA-10-5500	GENERAL ARRANGEMENT PLANS - 32 LEVEL 07	E	03.11.2021
DA-10-5000 DA-10-5700			
	GENERAL ARRANGEMENT PLANS - S2 LEVEL 19	D E	03.11.2021
DA-10-5800	GENERAL ARRANGEMENT PLANS - S2 LEVEL 10		03.11.2021
DA-10-5900	GENERAL ARRANGEMENT PLANS - S2 LEVEL 11	E	03.11.2021
DA-10-6000	GENERAL ARRANGEMENT PLANS - S2 LEVEL 12	E	03.11.2021
DA-10-6100	GENERAL ARRANGEMENT PLANS - S2 LEVEL 13	E	03.11.2021
DA-10-6200	GENERAL ARRANGEMENT PLANS - S2 LEVEL 14	E	03.11.2021
DA-10-6300	GENERAL ARRANGEMENT PLANS - S2 LEVEL 15	В	03.11.2021
DA-10-6400	GENERAL ARRANGEMENT PLANS - S2 ROOF	В	03.11.2021
DA-20-0000	ELEVATIONS-S1	С	19.03.2019
DA-20-0100	ELEVATIONS-S1	С	19.03.2019
DA-20-0200	ELEVATIONS-S1	С	19.03.2019
DA-20-0300	ELEVATIONS-S2	D	03.11.2021
DA-20-0400	ELEVATIONS-S2	D	03.11.2021
DA-20-0500	ELEVATIONS-S2	D	03.11.2021
DA-20-0600	ELEVATION-BENNELONG PARKWAY ROAD	D	03.11.2021
DA-30-0000	SECTIONS-S1	С	19.03.2019

DA_DRAWING LIST				
Sheet Number	Sheet Name	Current Revision	Current Revision Date	
DA-30-0010	SECTIONS-S1	А	19.03.2019	
DA-30-0100	SECTIONS-S2	D	03.11.2021	
DA-30-0200	SECTIONS-S2	D	03.11.2021	
DA-30-0300	SECTIONS-S2	В	03.11.2021	
DA-31-0100	HEIGHT CONTROL ANALYSIS S1	А	19.03.2019	
DA-31-0200	HEIGHT CONTROL ANALYSIS S2	В	03.11.2021	
DA-40-0000	FACADE FINISH SCHEDULE-S1	В	24.01.2019	
DA-40-0100	FACADE FINISH SCHEDULE-S2	С	03.11.2021	
DA-40-0200	FACADE FINISH SCHEDULE-S2 CENTRAL COURTYARD	В	03.11.2021	
DA-50-1000	ADAPTABLE UNITS-S1	Α	12.10.2018	
DA-50-1001	ADAPTABLE UNITS-S1	Α	12.10.2018	
DA-50-1100	SILVER LIVABLE UNITS-S1	Α	12.10.2018	
DA-50-1200	VISITABLE UNITS-S1	В	19.03.2019	
DA-50-2000	ADAPTABLE UNITS-S2	В	03.11.2021	
DA-50-2001	ADAPTABLE UNITS-S2	В	03.11.2021	
DA-50-2100	SILVER LIVABLE UNITS-S2	В	03.11.2021	
DA-50-2200	VISITABLE UNITS-S2	В	03.11.2021	
DA-70-0000	STORAGE SCHEDULE S1	Α	19.03.2019	
DA-70-0100	STORAGE SCHEDULE S2	В	03.11.2021	
DA-70-1000	STORAGE PLAN - S1 LEVEL B3	Α	19.03.2019	
DA-70-1100	STORAGE PLAN - S1 LEVEL B2	Α	19.03.2019	
DA-70-1200	STORAGE PLAN - S1 LEVEL B1	Α	19.03.2019	
DA-70-1300	STORAGE PLAN - S1 LEVEL 00	Α	19.03.2019	
DA-70-1400	STORAGE PLAN - S1 LEVEL 01	Α	19.03.2019	
DA-70-1500	STORAGE PLAN - S1 LEVEL 02	Α	19.03.2019	
DA-70-1600	STORAGE PLAN - S1 LEVEL 03-05	Α	19.03.2019	
DA-70-1700	STORAGE PLAN - S1 LEVEL 06	Α	19.03.2019	
DA-70-1800	STORAGE PLAN - S1 LEVEL 07	Α	19.03.2019	
DA-70-1900	STORAGE PLAN - S1 LEVEL 08	Α	19.03.2019	
DA-70-2000	STORAGE PLAN - S1 LEVEL 09	Α	19.03.2019	
DA-70-2100	STORAGE PLAN - S1 LEVEL 10	Α	19.03.2019	
DA-70-2200	STORAGE PLAN - S1 LEVEL 11	Α	19.03.2019	
DA-70-2300	STORAGE PLAN - S2 LEVEL B3	В	03.11.2021	
DA-70-2400	STORAGE PLAN - S2 LEVEL B2	В	03.11.2021	
DA-70-2500	STORAGE PLAN - S2 LEVEL B1	В	03.11.2021	
DA-70-2600	STORAGE PLAN - S2 LEVEL 00	В	03.11.2021	
DA-70-2700	STORAGE PLAN - S2 LEVEL 01	В	03.11.2021	
DA-70-2800	STORAGE PLAN - S2 LEVEL 02	В	03.11.2021	
DA-70-2900	STORAGE PLAN - S2 LEVEL 03 - 05	В	03.11.2021	
DA-70-3000	STORAGE PLAN - S2 LEVEL 06	В	03.11.2021	
DA-70-3100	STORAGE PLAN - S2 LEVEL 07	В	03.11.2021	
DA-70-3200	STORAGE PLAN - S2 LEVEL 08	В	03.11.2021	
DA-70-3300	STORAGE PLAN - S2 LEVEL 09	В	03.11.2021	
DA-70-3400	STORAGE PLAN - S2 LEVEL 10	В	03.11.2021	
DA-70-3500	STORAGE PLAN - S2 LEVEL 11	В	03.11.2021	
DA-70-3600	STORAGE PLAN - S2 LEVEL 12	В	03.11.2021	
DA-70-3700	STORAGE PLAN - S2 LEVEL 13	В	03.11.2021	

DA_DRAWING LIST			
Sheet		Current	Current
Number	Sheet Name	Revision	Revision Date
DA-70-3800	STORAGE PLAN - S2 LEVEL 14	В	03.11.2021
DA-91-0000	GFA DIAGRAMS	D	03.11.2021
DA-91-0100	GFA DIAGRAMS	D	03.11.2021
DA-93-0000	SOLAR SUN EYE VIEWS	D	03.11.2021
DA-93-0100	SOLAR SUN EYE VIEWS	D	03.11.2021
DA-93-0101	SOLAR SUN EYE VIEWS	D	03.11.2021
DA-93-0200	SOLAR ACCESS COMPLIANCE DIAGRAM	D	03.11.2021
DA-93-0300	SOLAR ACCESS COMPLIANCE DIAGRAM	D	03.11.2021
DA-93-0400	SHADOW DIAGRAMS	С	03.11.2021
DA-93-0401	SHADOW COMPARISON DIAGRAMS -S2	А	03.11.2021
DA-93-0500	SHADOW DIAGRAMS	С	03.11.2021
DA-93-0600	SHADOW DIAGRAMS	С	03.11.2021
DA-93-0700	SHADOW DIAGRAMS	С	03.11.2021
DA-93-0800	S2 CENTRAL COURTYARD_21 MARCH	А	12.10.2018
DA-93-0900	S2 CENTRAL COURTYARD_21 JUNE	А	12.10.2018
DA-93-1000	S2 CENTRAL COURTYARD_22 SEPTEMBER	А	12.10.2018
DA-93-1100	S2 CENTRAL COURTYARD_22 DECEMBER	А	12.10.2018
DA-94-0000	CROSS VENTILATION COMPLIANCE DIAGRAM	В	19.03.2019
DA-97-0100	PERSPECTIVE 1	А	12.10.2018
DA-97-0200	PERSPECTIVE 2	А	12.10.2018
DA-97-0300	PERSPECTIVE 3	В	03.11.2021
DA-97-0400	PERSPECTIVE 4	В	03.11.2021





Do not scale from drawings.

Verify all dimensions on site before commencing wo
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03.11.2021 17.05.2019 19.03.2019 12.10.2018 Revised DA Submission

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trading as PTW Architects D Jones Architect No.4778



1 & 2 MURRAY ROSE AVE 1-2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

DRAWING LIST

DA-00-0000

Title
00-GENERAL INFORMATION

PROJECT INFORMATION

SITE INFORMATION

Site Area:

6,453 m² (1 Murray Rose: 3931m2; 2 Murray Rose: 2522m2)

Awarded by SOPA Design Competition Panel with GFA total of 27,396 sqm Design Excellence:

	Ar	ea Schedule (DEEP SOI	L)
Deep So	il Area *	Site Area	Percentage
T1			
DS	269.0m ²	3931m²	6.8%
DPS	202.0m ²		5.1%
TOTAL	471.0m ²		11.98%
T2		J.	
DS	315.0 m ²	2522m²	12.5%
DPS	184.0 m ²		7.3%
TOTAL	499.0m ²	,	15.03%
Grand tota	al	171	127
DS	584.0 m ²	6,453m ²	9.05%
DPS	386.0 m ²		6.0%
TOTAL	970.0 m ²		19.8%

*DS:Deep Soil Area / DPS:Deep Podium Soil(1500mm depth)

	rea Schedule (Communa	п орон орасс)
COP Area	Site Area	Percentage
T1		
2330.5 m ²	3931m²	59.2%
Solar Access(2 hrs)		85.0%
T2		$\sim\sim$
1218.0 m ²	2522m²	48.3%
Solar Access(2 hrs)	•	50.0%
Grand total		
3548.5 m ²	6453m ²	55.0%
Solar Access(2 hrs)	•	68.0%

SEPF	CrossVentilation_Yield	
Cross Ventilation Units	No. of Units	Percentage
T1		
84	142	59.2%
T2		7
60	96	62.5%
Grand total		
144	238	60.5%

SEPP_So	olarAcess_Yield (9 am-3)	om)
Solar Access	No. of Units	Percentage
T1	167	
>2HRS	122	73.0%
0HRS	7_	4.2%
T2	(125)	~~
>2HRS	(83)	66.4%
0HRS	Ħ	8.8%
Grand total	(292)	
>2HRS	(205)	70.2%
0HRS	18	6.1%

SolarAce	ss_Yield (8 am-4 pm)_ R	FI requirement
Solar Access	No. of Units	Percentage
T1	167	
>2HRS	144	86.2%
T2	125	~~
>2HRS	87	69.6%
Grand total	292	کیپ
>2HRS	231	79.1%
		S . A . P

	FSR	
GFA	Site Area	FSR
T1		
16201.7m ²	3931m ²	4.12
T2		
11194.2m ²	2522m²	4.43
Grand total		
27395.9m ²	6,453m ²	4.25

No. of Units	Yield
\sim	
	~~~
(70)	23.9%
169	57.8%
(51)	17.4%
2	0.7%
	169

Adaptable Units Mix				
Unit Type	No. of Units	Percentage of Total Units		
1B	11	(3.7%)		
2B	14	4.8%		
3B	5	1.7%		
Grand total: 292	30	(10.3%)		

Silver Livable Units Mix			
Unit Type	No. of Units	Percentage of Total Units	
1B	5	1.7%	
2B	21	7.2%	
3B	4	1.4%	
Grand total: 292	30	(10.3%)	

	Visitable Units M	lix
Unit Type	No. of Units	Percentage of Total Ground Floor (GF) Units
1B	1	8.3%
2B	2	16.7%
3B	1	8.3%
GF unit total: 12	4	33.3%

By Ck Date

SEPP (State Significant Precincts) 2005 Controls

LEP Use: Residential

1 Murray Rose: 26m/33m; 2 Murray Rose: 26m/50m Heights:

3:1 for 60A and part 60B (being 1, 2, 3, 4 and 5 Murray Rose Avenue)

GFA: Total GFA for 60A and 60B - 73,545sqm

GFA used by 3, 4 and 5 Murray Rose Avenue - 43,458sqm

GFA available for Site 1 and 2 is 30,088sqm and with 10% Design Excellence Bonus - 33,097sqm

C	ARPARK SCHEDULE	
Туре	Description	No.
B3		
5400 x 2400	Standard Carpark Bay	122
5400 x 2400 (Disabled with Shared Area)	Disabled Carpark Bay (AS2890-2009)	0
B2		~~~
5400 x 2400	Standard Carpark Bay	131
5400 x 2400 (Disabled with Shared Area)	Disabled Carpark Bay (AS2890-2009)	( 11 \)
		\ \ \ \ \
B1		}
5400 x 2400	Standard Carpark Bay	33
5400 x 2400 (Disabled with Shared Area)	Disabled Carpark Bay (AS2890-2009)	18
L00		7
5400 x 2400	Standard Carpark Bay	<u>} 11 </u>
5400 x 2400	Manager Car Space	> 1 \
5400 x 2400 (Disabled with Shared Area)	Disabled Carpark Bay (AS2890-2009)	(3)
Grand total		330

CARPA	ARK RESIDENTIAL	
Туре	Description	No.
		$\sim$
5400 x 2400	Standard Carpark Bay	297
5400 x 2400 (Disabled with Shared Area)	Disabled Carpark Bay (AS2890-2009)	32
total	14	329

MANAGER CAR SPACE			
Туре	Description	No.	
5400 x 2400	Standard Carpark Bay	1	
Grand total	otarida a Garpan Day	1	

BIC	CYCLE PARKING SCHEDULE	
Туре	Description	No.
Resident Bicycle Storage	Incorporated within storage cages	355
nesident bicycle storage	incorporated within storage cages	000
Visitors Bicycle Parking	Located at public accessible area	74



Henky Mantophani 20241 Assessor Name

Certificate date: -2 Murray Rose Ave lympic Park, NSW

08 November 2018

Title 00-GENERAL INFORMATION DEVELOPMENT DATA SHEET

Client AUSTINO PROPERTY GROUP

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**AUSTINO** 

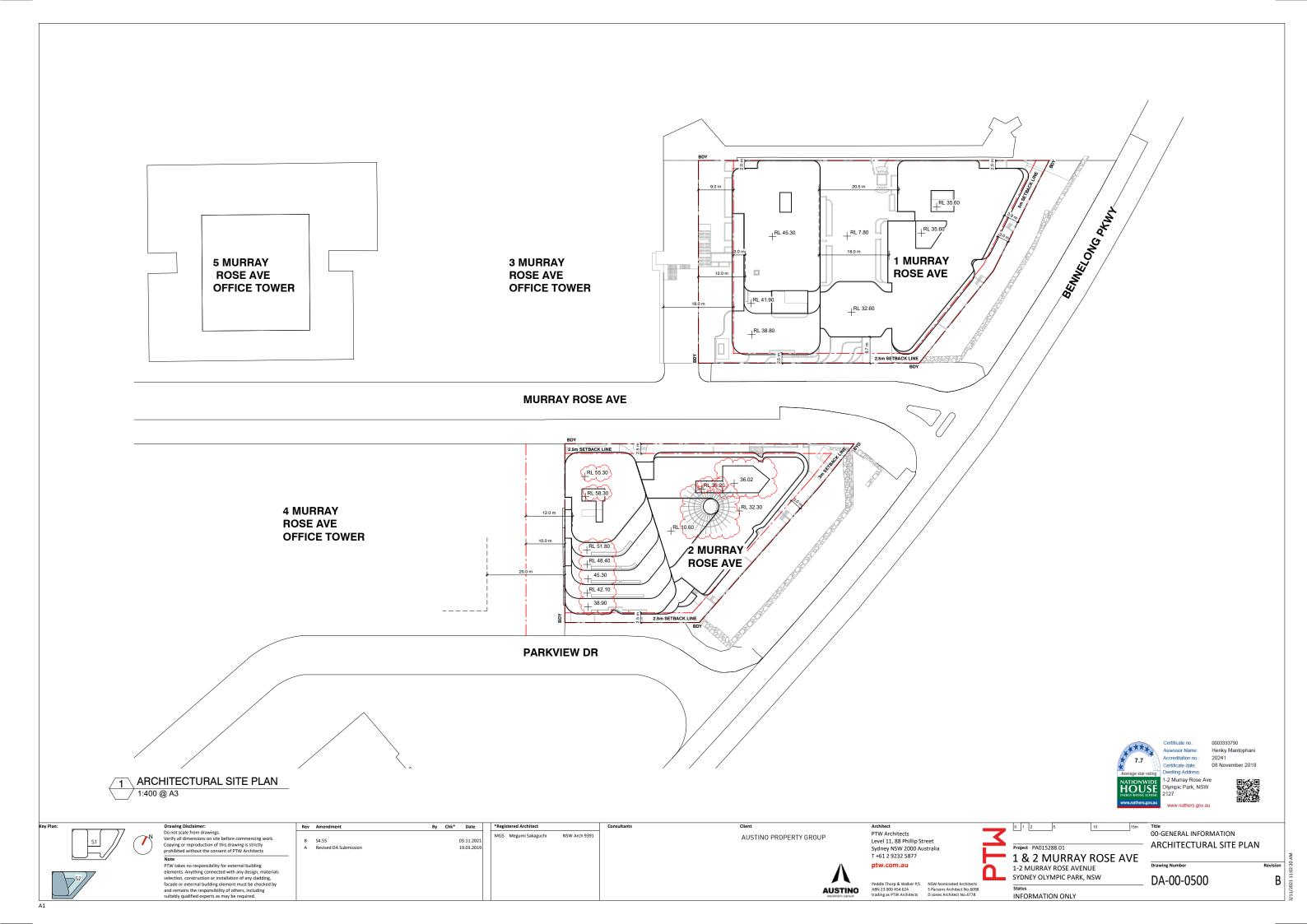
Project PA015288.01

Status INFORMATION ONLY

1 & 2 MURRAY ROSE AVE

1-2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

DA-00-0100



#### GENERAL NOTES

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED

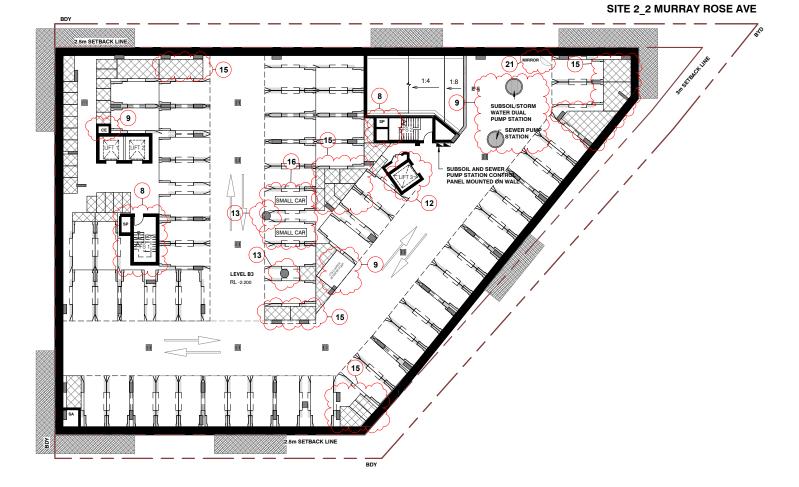
- ESSENTAL BUILDING SERVICES ADDED / REVISED / REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

#### REVISION CLOUD LEGEND

- 1 OVERALL APARTMENT LAYOUT REVISED
- 2 LAUNDRY AND/OR STORAGE LOCATION REVISED
- 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED
- 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED
- 5 KITCHEN TYPE AND/OR LOCATION REVISED
- 6 BEDROOM LAYOUT REVISED
- 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED
- 8 CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED
- 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED
- 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- 12 COURTYARD LIFT DESIGN AMENDED / REVISED
- 13 MEGA COLUMN SIZE REVISED AND RELOCATED
- (14) LANDSCAPE REVISED
- 15 BASEMENT STORAGE SIZE/LOCATION REVISED
- 16 BASEMENT CAR PARKING ARRANGEMENT REVISED
- (17) LOBBY DESIGN REVISED
- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- 20 CARPARK ROLLER DOOR LOCATION REVISED
- (21) ADDITIONAL COVEX MIRROR IN CARPARK
- (22) REMOVAL OF SKYLIGHT
- 23 REMOVAL OF PRIVATE GARDEN STAIRS

#### FACADE CHANGES

- (A) GLAZING LOCATION REVISED
- B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED









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Austino Sydney Olympic Park Pty Ltd



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trading as PTW Architects D Jones Architect No.4778

As @ A1 indicated Project PA015288

INFORMATION ONLY

**1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE

CORIDOR VENTILATION
COLD WATER ISER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

GENERAL ABBREVIATIONS AND LEGEND

******* 

S 4.55 PARKING SCHEDULE

(16)

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

Assessor Name

welling Addres -2 Murray Rose Ave

Olympic Park, NSW 2127

NATIONWIDE HOUSE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT

MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT

STORAGE/BICYCLE CAGE

DA-10-4700

SYDNEY OLYMPIC PARK, NSW

- S2 LEVEL B3

Henky Mantophani

SILVER LIVABLE APARTMEN

VISITABLE APARTMENT AFFORDABLE APARTMENT

BALC BALCONY

20241

#### GENERAL NOTES

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED

- ESSENTAL BUILDING SERVICES ADDED / REVISED / REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

#### REVISION CLOUD LEGEND

- 1) OVERALL APARTMENT LAYOUT REVISED
- 2 LAUNDRY AND/OR STORAGE LOCATION REVISED
- 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED
- 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED
- 5 KITCHEN TYPE AND/OR LOCATION REVISED
- 6 BEDROOM LAYOUT REVISED
- 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED
- (8) CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED
- 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED
- 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
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- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- 20) CARPARK ROLLER DOOR LOCATION REVISED
- 21) ADDITIONAL COVEX MIRROR IN CARPARK
- (22) REMOVAL OF SKYLIGHT
- 23 REMOVAL OF PRIVATE GARDEN STAIRS

#### FACADE CHANGES

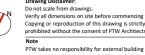
- (A) GLAZING LOCATION REVISED
- B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED











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\$4.55	03.11.2021
Revised DA Submission	19.03.2019
Revised DA Submission	24.01.2019
Issued for DA Submission	12.10.2018

NSW Arch 939 MGS Megumi Sakaguchi

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ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778





INFORMATION ONLY

2 MURRAY ROSE AVENUE

******* 

GENERAL ABBREVIATIONS AND LEGEND

CORIDOR VENTILATION
COLD WATER ISER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

S 4.55 PARKING SCHEDULE

(12)

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS - S2 LEVEL B2

Accreditation no.:

1-2 Murray Rose Ave

7.7

HOUSE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT

MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT

STORAGE/BICYCLE CAGE

DA-10-4800

Henky Mantophani

08 November 2018

SILVER LIVABLE APARTMEN

VISITABLE APARTMENT

BALC BALCONY

20241

# GENERAL NOTES REVISION CLOUD LEGEND

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED

ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED

- ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

1 OVERALL APARTMENT LAYOUT REVISED

2 LAUNDRY AND/OR STORAGE LOCATION REVISED

3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED

4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED

5 KITCHEN TYPE AND/OR LOCATION REVISED

6 BEDROOM LAYOUT REVISED

7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED

8 CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED

9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED

11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE

12 COURTYARD LIFT DESIGN AMENDED / REVISED

13 MEGA COLUMN SIZE REVISED AND RELOCATED

(14) LANDSCAPE REVISED

15 BASEMENT STORAGE SIZE/LOCATION REVISED

(16) BASEMENT CAR PARKING ARRANGEMENT REVISED

(17) LOBBY DESIGN REVISED

(18) COURTYARD BALLUSTRADE DESIGN REVISED

(19) COMMUNAL AREA DESIGN & AMENITIES REVISED

20 CARPARK ROLLER DOOR LOCATION REVISED

(21) ADDITIONAL COVEX MIRROR IN CARPARK

(22) REMOVAL OF SKYLIGHT

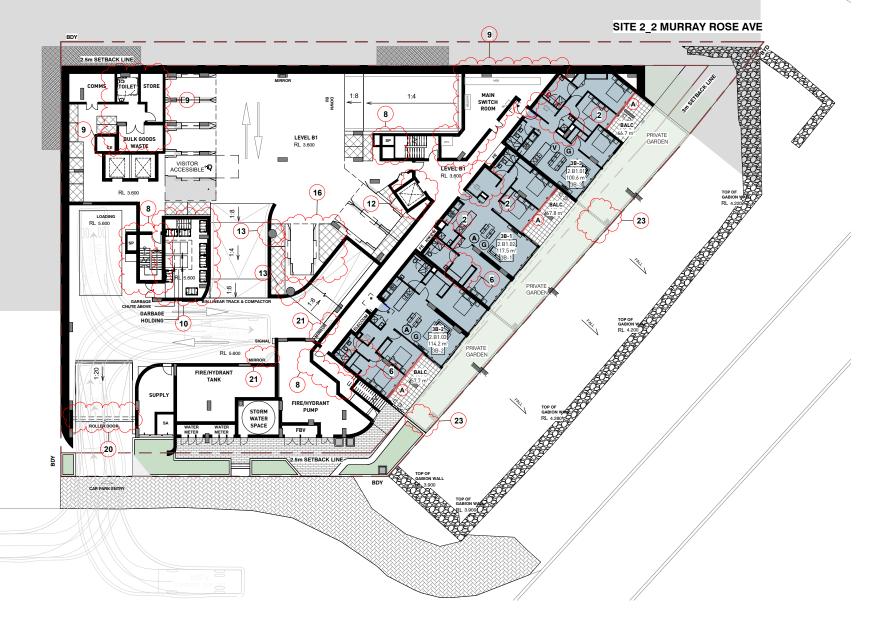
23 REMOVAL OF PRIVATE GARDEN STAIRS

FACADE CHANGES

(A) GLAZING LOCATION REVISED_

B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED

4 MURRAY **ROSE AVENUE** 





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03.11.2021 Revised DA Submission 19.03.2019 Revised DA Submission 24.01.2019 12.10.201

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PTW Architects

Peddle Thorp & Walker P/L
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SYDNEY OLYMPIC PARK, NSW

As @ A1 indicated Project PA015288 **1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE

INFORMATION ONLY

COLD WATER EXHAUST AIR RISER

EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR RELEEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS - S2 LEVEL B1

MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT

STORAGE/BICYCLE CAGE

DA-10-4900

BALC BALCONY

GENERAL ABBREVIATIONS AND LEGEND FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT

******* 

S 4.55 PARKING SCHEDULE

(12)

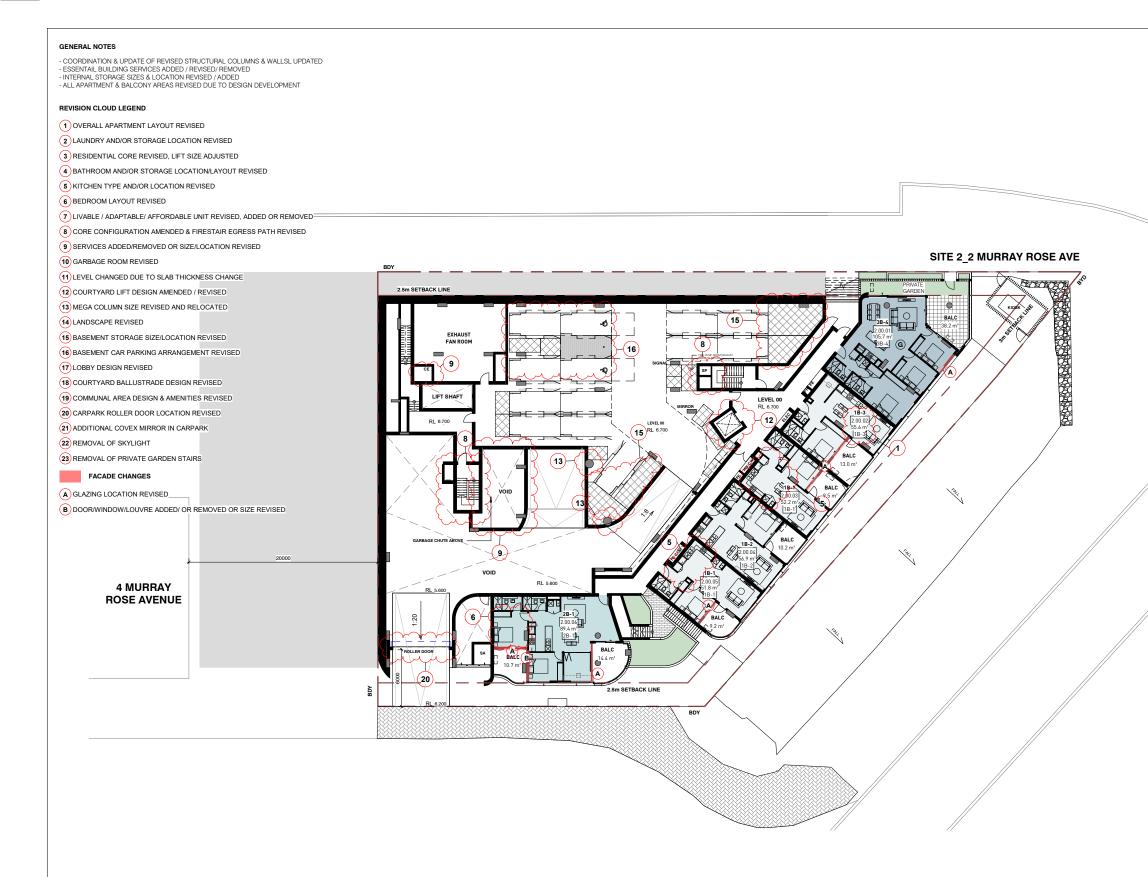
HOUSE lympic Park, NSW 127

Certificate date: -2 Murray Rose Ave

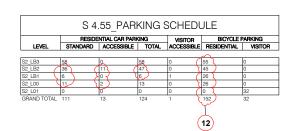
SILVER LIVABLE APARTMEN

VISITABLE APARTMENT AFFORDABLE APARTMENT

Henky Mantophani 20241



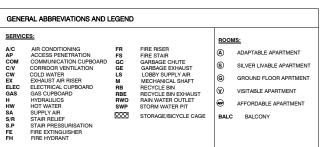






Accreditation no. 1-2 Murray Rose Ave

Henky Mantophan 20241





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NSW Arch 939

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PTW Architects

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ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778



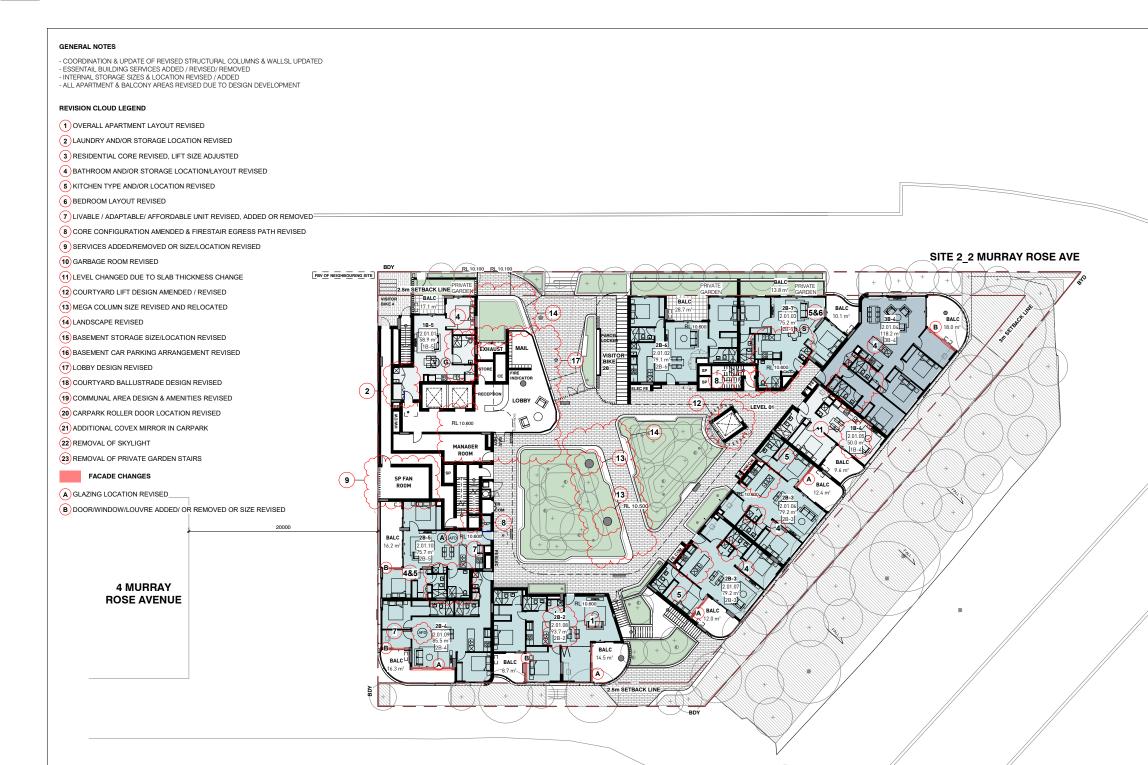
As @ A1 indicated Project PA015288 **1&2 MURRAY ROSE AVE** 

INFORMATION ONLY

2 MURRAY ROSE AVENUE

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS - S2 LEVEL 00

DA-10-5000





S 4.55 PARKING SCHEDULE

(12)

Assessor Name: welling Address 1-2 Murray Rose Ave Olympic Park, NSW

Henky Mantophani 20241

GENERAL ABBREVIATIONS AND LEGEND

CORIDOR VENTILATION
COLD WATER ISER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT **XXX** 

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT

STORAGE/BICYCLE CAGE

SILVER LIVABLE APARTMEN

VISITABLE APARTMENT AFFORDABLE APARTMENT

BALC BALCONY

- S2 LEVEL 01

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

As @ A1 indicated Project PA015288

INFORMATION ONLY

**1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

DA-10-5100

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GENERAL ARRANGEMENT PLANS - S2 LEVEL 01

03.11.2021 17.05.2019 Revised DA Submission 19.03.2019 Revised DA Submission 24.01.2019 12.10.201

NSW Arch 939

Austino Sydney Olympic Park Pty Ltd



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Certificate date: 1-2 Murray Rose Ave Olympic Park, NSW 2127

Henky Mantophani 20241

GENERAL ABBREVIATIONS AND LEGEND

CORRIDOR VENTILATION
COLD WATER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

**XXX** STORAGE/BICYCLE CAGE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT SILVER LIVABLE APARTMEN

VISITABLE APARTMENT

AFFORDABLE APARTMENT BALC BALCONY

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

- S2 LEVEL 02

As @ A1 indicated Project PA015288

DA-10-5200

**1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

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1:400 @ A3

03.11.2021 17.05.2019 Revised DA Submission 19.03.2019 Issued for DA Submission 12.10.2018 NSW Arch 939

Austino Sydney Olympic Park Pty Ltd

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INFORMATION ONLY





Henky Mantophani 20241

Olympic Park, NSW

GENERAL ABBREVIATIONS AND LEGEND

CORIDOR VENTILATION
COLD WATER ISER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

******* 

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT STORAGE/BICYCLE CAGE

SILVER LIVABLE APARTMEN

VISITABLE APARTMENT AFFORDABLE APARTMENT BALC BALCONY

10-GENERAL ARRANGEMENT PLANS

GENERAL ARRANGEMENT PLANS - S2 LEVEL 03-05

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trading as PTW Architects D Jones Architect No.4778

As @ A1 indicated Project PA015288

**1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

DA-10-5300

# GENERAL NOTES - COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED - ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT REVISION CLOUD LEGEND 1 OVERALL APARTMENT LAYOUT REVISED 2 LAUNDRY AND/OR STORAGE LOCATION REVISED 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED 5 KITCHEN TYPE AND/OR LOCATION REVISED 6 BEDROOM LAYOUT REVISED 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED 8 CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED SITE 2_2 MURRAY ROSE AVE 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE 12 COURTYARD LIFT DESIGN AMENDED / REVISED 13 MEGA COLUMN SIZE REVISED AND RELOCATED (14) LANDSCAPE REVISED 15 BASEMENT STORAGE SIZE/LOCATION REVISED 16 BASEMENT CAR PARKING ARRANGEMENT REVISED (17) LOBBY DESIGN REVISED (18) COURTYARD BALLUSTRADE DESIGN REVISED (19) COMMUNAL AREA DESIGN & AMENITIES REVISED 20 CARPARK ROLLER DOOR LOCATION REVISED 21 ADDITIONAL COVEX MIRROR IN CARPARK (22) REMOVAL OF SKYLIGHT 23 REMOVAL OF PRIVATE GARDEN STAIRS FACADE CHANGES (A) GLAZING LOCATION REVISED_ B DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED 4 MURRAY **ROSE AVENUE**



Assessor Name: -2 Murray Rose Ave Olympic Park, NSW

Henky Mantophani 20241

GENERAL ABBREVIATIONS AND LEGEND

CORIDOR VENTILATION
COLD WATER ISER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

******* STORAGE/BICYCLE CAGE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT

SILVER LIVABLE APARTMEN VISITABLE APARTMENT AFFORDABLE APARTMENT

BALC BALCONY

- S2 LEVEL 06

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

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GENERAL ARRANGEMENT PLANS - S2 LEVEL 06

Revised DA Submission Issued for DA Submission

03.11.2021 17.05.2019

19.03.2019

12.10.2018

NSW Arch 939

Austino Sydney Olympic Park Pty Ltd



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ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778

PTW Architects

Level 11, 88 Phillip Street

Sydney NSW 2000 Australia

As @ A1 indicated Project PA015288

2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

**1&2 MURRAY ROSE AVE** 

# GENERAL NOTES - COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED - ESSENTAL BUILDING SERVICES ADDED / REVISED / REMOVED - INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED - ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT REVISION CLOUD LEGEND 1 OVERALL APARTMENT LAYOUT REVISED 2 LAUNDRY AND/OR STORAGE LOCATION REVISED 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED 5 KITCHEN TYPE AND/OR LOCATION REVISED 6 BEDROOM LAYOUT REVISED 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED 8 CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE 12 COURTYARD LIFT DESIGN AMENDED / REVISED 13 MEGA COLUMN SIZE REVISED AND RELOCATED (14) LANDSCAPE REVISED 15 BASEMENT STORAGE SIZE/LOCATION REVISED 16 BASEMENT CAR PARKING ARRANGEMENT REVISED (17) LOBBY DESIGN REVISED (18) COURTYARD BALLUSTRADE DESIGN REVISED (19) COMMUNAL AREA DESIGN & AMENITIES REVISED 20 CARPARK ROLLER DOOR LOCATION REVISED 21) ADDITIONAL COVEX MIRROR IN CARPARK (22) REMOVAL OF SKYLIGHT 23 REMOVAL OF PRIVATE GARDEN STAIRS FACADE CHANGES (A) GLAZING LOCATION REVISED_ B DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED 4 MURRAY **ROSE AVENUE**





Assessor Name: welling Address -2 Murray Rose Ave Olympic Park, NSW

Henky Mantophani 20241

# GENERAL ABBREVIATIONS AND LEGEND

CORRIDOR VENTILATION
COLD WATER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

******* 

STORAGE/BICYCLE CAGE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT

SILVER LIVABLE APARTMEN VISITABLE APARTMENT AFFORDABLE APARTMENT

BALC BALCONY

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS - S2 LEVEL 07

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GENERAL ARRANGEMENT PLANS - S2 LEVEL 07

Revised DA Submission Issued for DA Submission

NSW Arch 939

03.11.2021 17.05.2019

19.03.2019

12.10.2018

Austino Sydney Olympic Park Pty Ltd



SITE 2_2 MURRAY ROSE AVE

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PTW Architects

Level 11, 88 Phillip Street

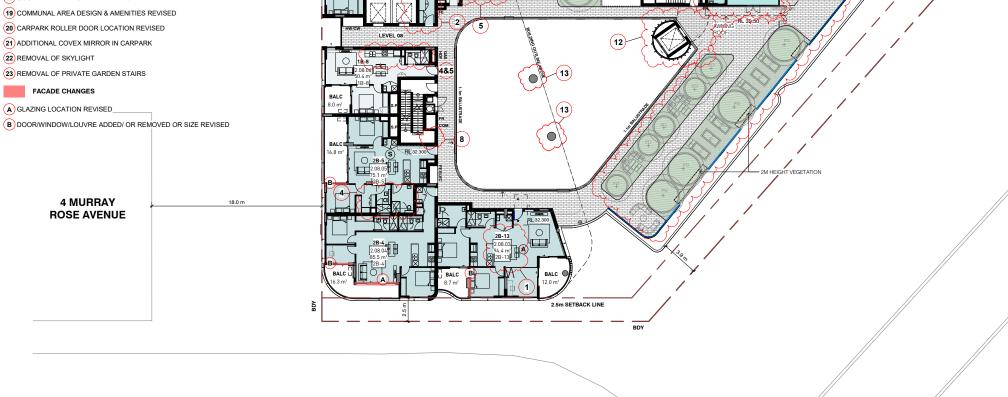
Sydney NSW 2000 Australia

Peddle Thorp & Walker P/L
ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778

**1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

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# GENERAL NOTES - COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED - ESSENTAL BUILDING SERVICES ADDED / REVISED / REMOVED - INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED - ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT REVISION CLOUD LEGEND 1 OVERALL APARTMENT LAYOUT REVISED 2 LAUNDRY AND/OR STORAGE LOCATION REVISED 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED 5 KITCHEN TYPE AND/OR LOCATION REVISED 6 BEDROOM LAYOUT REVISED 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED 8 CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE 12 COURTYARD LIFT DESIGN AMENDED / REVISED 13 MEGA COLUMN SIZE REVISED AND RELOCATED 14 LANDSCAPE REVISED 15 BASEMENT STORAGE SIZE/LOCATION REVISED 16 BASEMENT CAR PARKING ARRANGEMENT REVISED (17) LOBBY DESIGN REVISED (18) COURTYARD BALLUSTRADE DESIGN REVISED (19) COMMUNAL AREA DESIGN & AMENITIES REVISED 20 CARPARK ROLLER DOOR LOCATION REVISED 21) ADDITIONAL COVEX MIRROR IN CARPARK (22) REMOVAL OF SKYLIGHT 23 REMOVAL OF PRIVATE GARDEN STAIRS FACADE CHANGES (A) GLAZING LOCATION REVISED_



2M HEIGHT VEGETATION

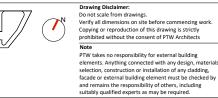


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1-2 Murray Rose Ave

## GENERAL ABBREVIATIONS AND LEGEND FIRE RISER FIRE STAIR GARBAGE CHUTE GARBAGE EXHAUST LOBBY SUPPLY AIR MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUS RAIN WATER OUTLET STORM WATER PIT COMMUNICATION CUPBC CORRIDOR VENTILATION COLD WATER EXHAUST AIR RISER ELECTRICAL CUPBOARD GAS CUPBOARD HYDRAULICS HOT WATER SUPPLY AIR STAIR RELIEF STAIR RELIEF STAIR RELIEF FIRE HYDRAUT SILVER LIVABLE APARTMEN VISITABLE APARTMENT STORAGE/BICYCLE CAGE BALC BALCONY





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GENERAL ARRANGEMENT PLANS - S2 LEVEL 08

\$4.55	03.11.2021
Revised DA Submission	17.05.2019
Revised DA Submission	19.03.2019
Revised DA Submission	24.01.2019
Issued for DA Submission	12.10.2018

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SITE 2_2 MURRAY ROSE AVE

- 2M HEIGHT VEGETATION

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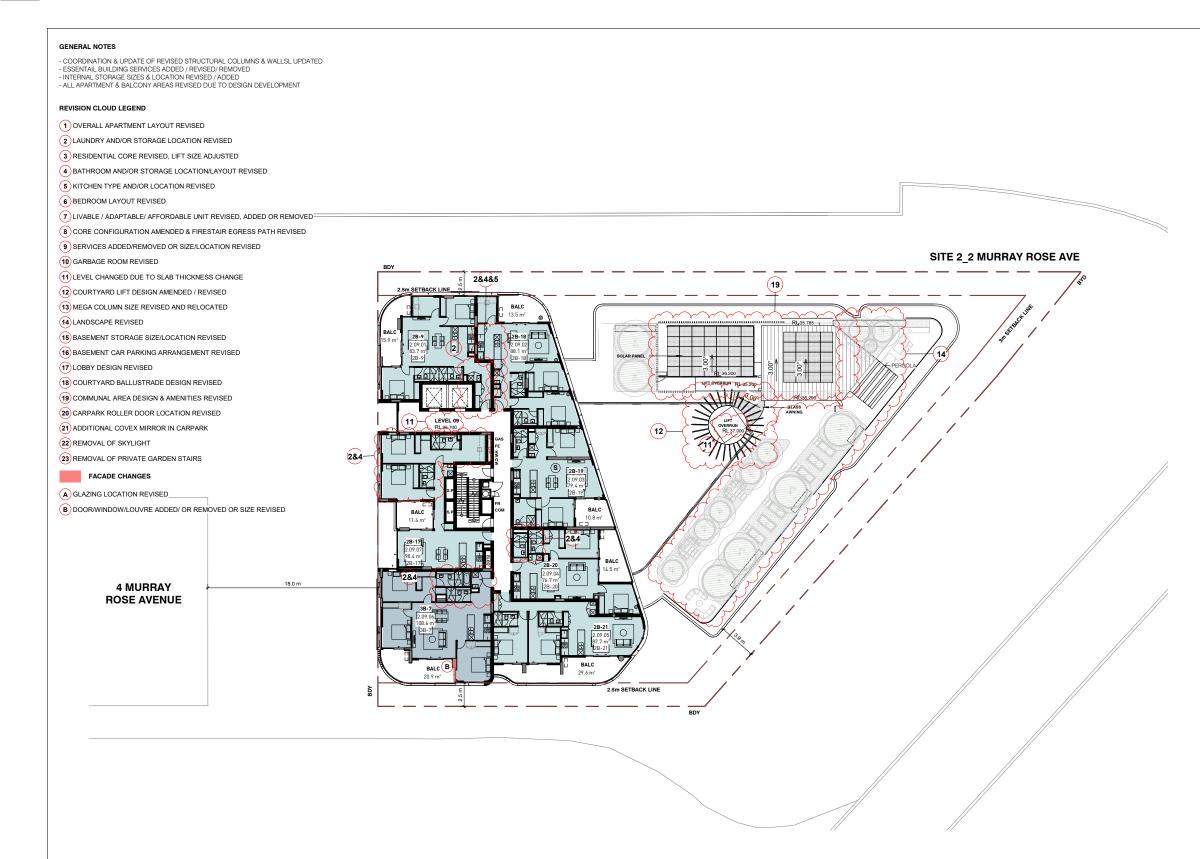


SYDNEY OLYMPIC PARK, NSW

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10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS - S2 LEVEL 08

DA-10-5600





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GENERAL ABBREVIATIONS AND LEGEND

CORIDOR VENTILATION
COLD WATER IISER
EKHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

******* STORAGE/BICYCLE CAGE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT

SILVER LIVABLE APARTMEN

VISITABLE APARTMENT AFFORDABLE APARTMENT BALC BALCONY

GENERAL ARRANGEMENT PLANS - S2 LEVEL 09

10-GENERAL ARRANGEMENT PLANS

DA-10-5700

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GENERAL ARRANGEMENT PLANS - S2 LEVEL 09

Revised DA Submission Issued for DA Submission

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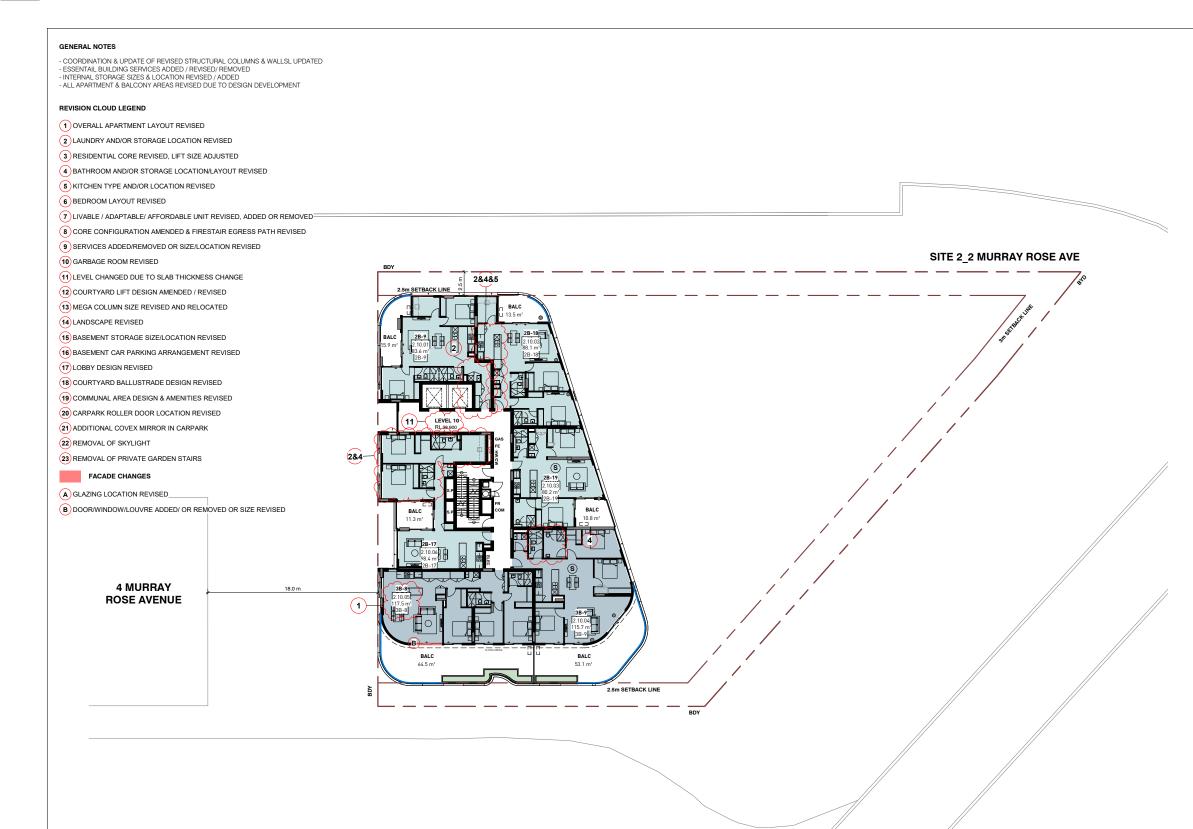
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GENERAL ABBREVIATIONS AND LEGEND CORIDOR VENTILATION
COLD WATER IISER
EKHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

**XXX** 

STORAGE/BICYCLE CAGE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT
RECYCLE BIN
RECYCLE BIN SHAUST
RAIN WATER OUTLET
STORM WATER PIT

SILVER LIVABLE APARTMEN VISITABLE APARTMENT

AFFORDABLE APARTMENT BALC BALCONY

10-GENERAL ARRANGEMENT PLANS

- S2 LEVEL 10

GENERAL ARRANGEMENT PLANS



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03.11.2021 17.05.2019 Revised DA Submission 19.03.2019 Revised DA Submission 24.01.2019 12.10.2018

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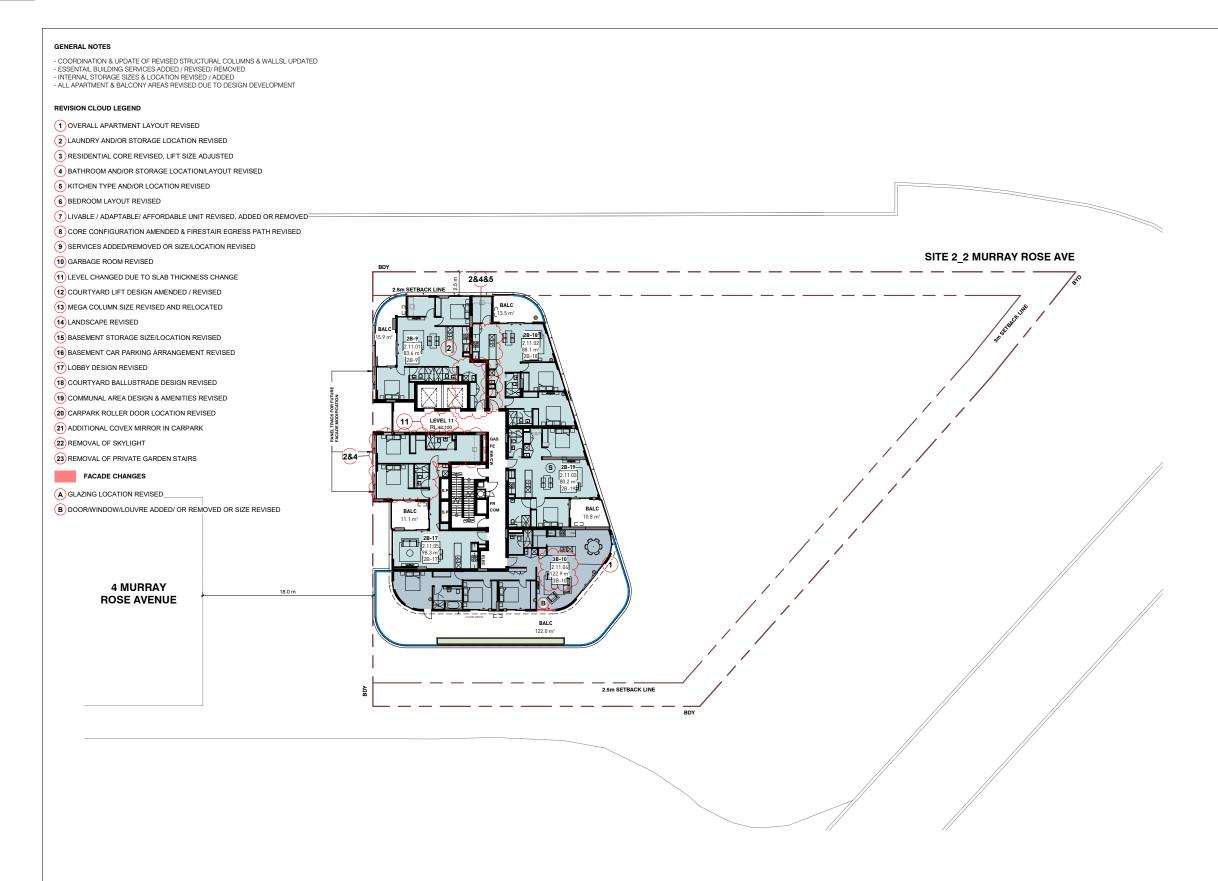
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D Jones Architect No.4778

As @ A1 indicated Project PA015288 **1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

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GENERAL ABBREVIATIONS AND LEGEND

COMMUNICATION CUPBC CORRIDOR VENTILATION COLD WATER EXHAUST AIR RISER ELECTRICAL CUPBOARD GAS CUPBOARD HYDRAULICS HOT MANUAL STATER SUPPLY AIR STAIR RELEF STAIR RELEF STAIR RELEF FIRE HYDRANT

**XXX** 

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT
RECYCLE BIN
RECYCLE BIN SHAUST
RAIN WATER OUTLET
STORM WATER PIT STORAGE/BICYCLE CAGE

SILVER LIVABLE APARTMEN VISITABLE APARTMENT

AFFORDABLE APARTMENT BALC BALCONY

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS - S2 LEVEL 11

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GENERAL ARRANGEMENT PLANS - S2 LEVEL 11

Revised DA Submission Revised DA Submission

03.11.2021 17.05.2019 19.03.2019 24.01.2019 12.10.2018

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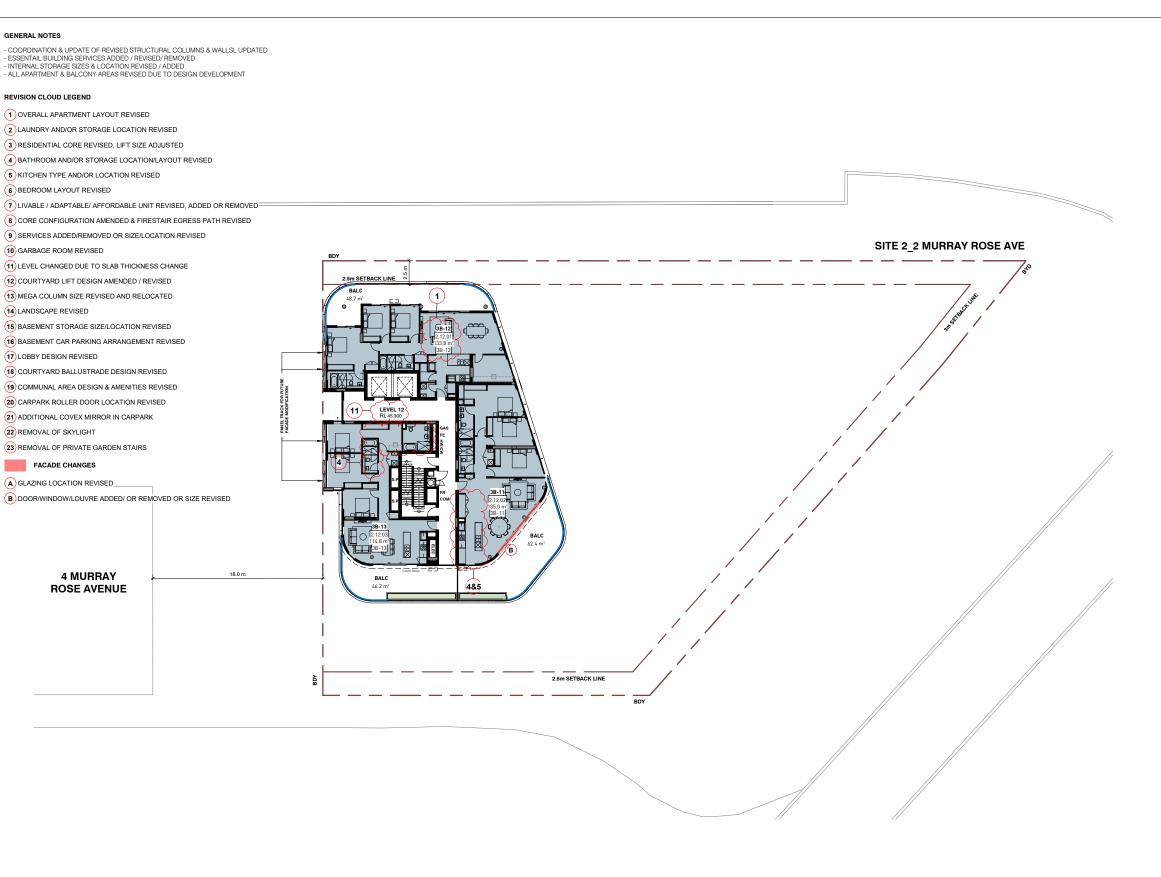
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D Jones Architect No.4778

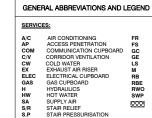
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SILVER LIVABLE APARTMEN

Henky Mantophani

20241

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT
RECYCLE BIN
RECYCLE BIN SHAUST
RAIN WATER OUTLET
STORM WATER PIT COMMUNICATION CUPBC CORRIDOR VENTILATION COLD WATER EXHAUST AIR RISER ELECTRICAL CUPBOARD GAS CUPBOARD HYDRAULICS HOT MANUAL STATER SUPPLY AIR STAIR RELEF STAIR RELEF STAIR RELEF FIRE HYDRANT VISITABLE APARTMENT AFFORDABLE APARTMENT **XXX** STORAGE/BICYCLE CAGE BALC BALCONY

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NSW Arch 939 03.11.2021 17.05.2019 19.03.2019 24.01.2019 12.10.2018

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2 MURRAY ROSE AVENUE

GENERAL ARRANGEMENT PLANS - S2 LEVEL 12

DA-10-6000

10-GENERAL ARRANGEMENT PLANS

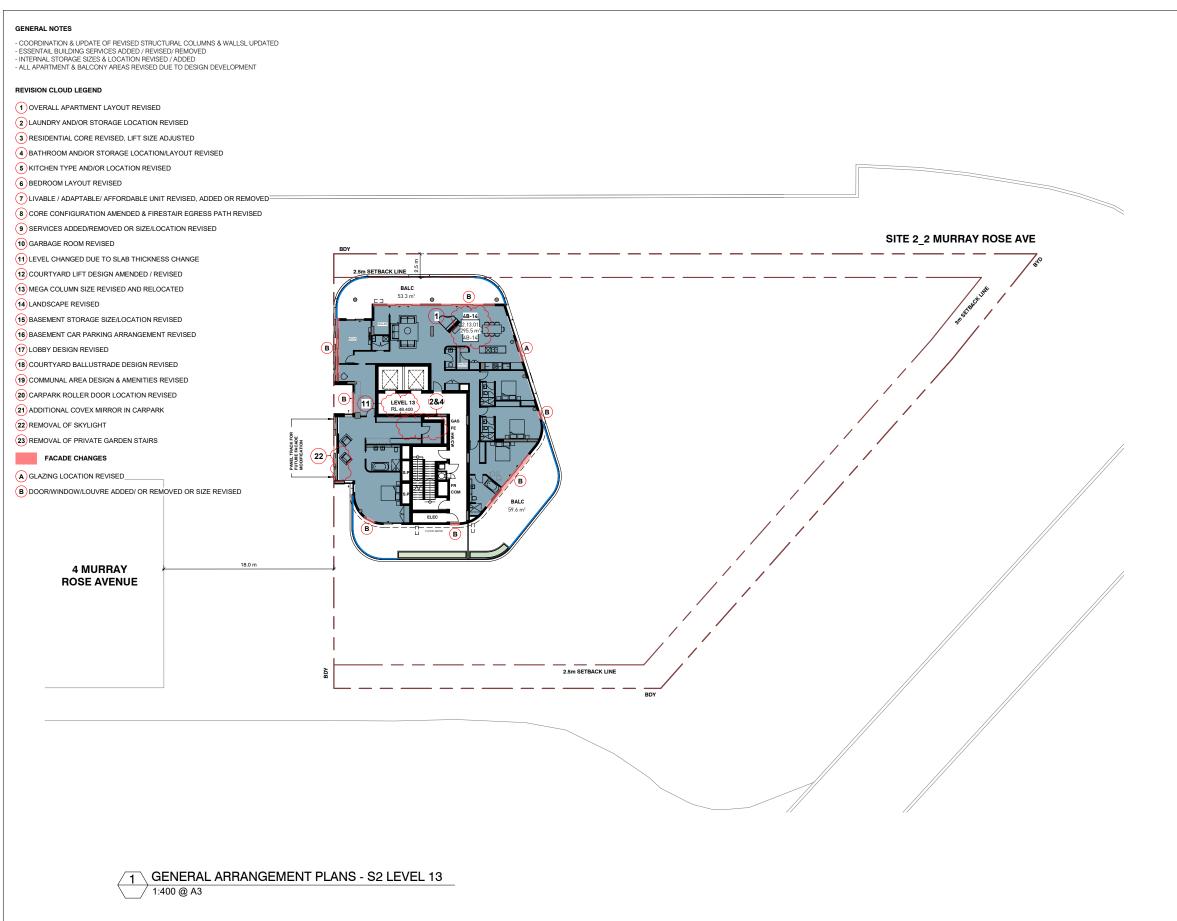
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trading as PTW Architects

Parsons Architect No.6098
D Jones Architect No.4778

**1&2 MURRAY ROSE AVE** 

Assessor Name: Accreditation no.:

Dwelling Address 1-2 Murray Rose Ave Olympic Park, NSW



NSW Arch 939

03.11.2021 17.05.2019

19.03.2019

24.01.2019 12.10.2018



Henky Mantophani 20241

GENERAL ABBREVIATIONS AND LEGEND

COMMUNICATION CUPBO CORRIDOR VENTILATION COLD WATER EXHAUST AIR RISER ELECTRICAL CUPBOARD GAS CUPBOARD HYDRAULICS HOT MANUES HOT WALLICS HOT WALLICS STAIR RELEF STAIR RELEF STAIR RELEF FIRE HYDRANT

**XXX** STORAGE/BICYCLE CAGE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT
RECYCLE BIN
RECYCLE BIN SHAUST
RAIN WATER OUTLET
STORM WATER PIT

SILVER LIVABLE APARTMEN VISITABLE APARTMENT

BALC BALCONY

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

DA-10-6100

- S2 LEVEL 13

**1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

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Sydney NSW 2000 Australia

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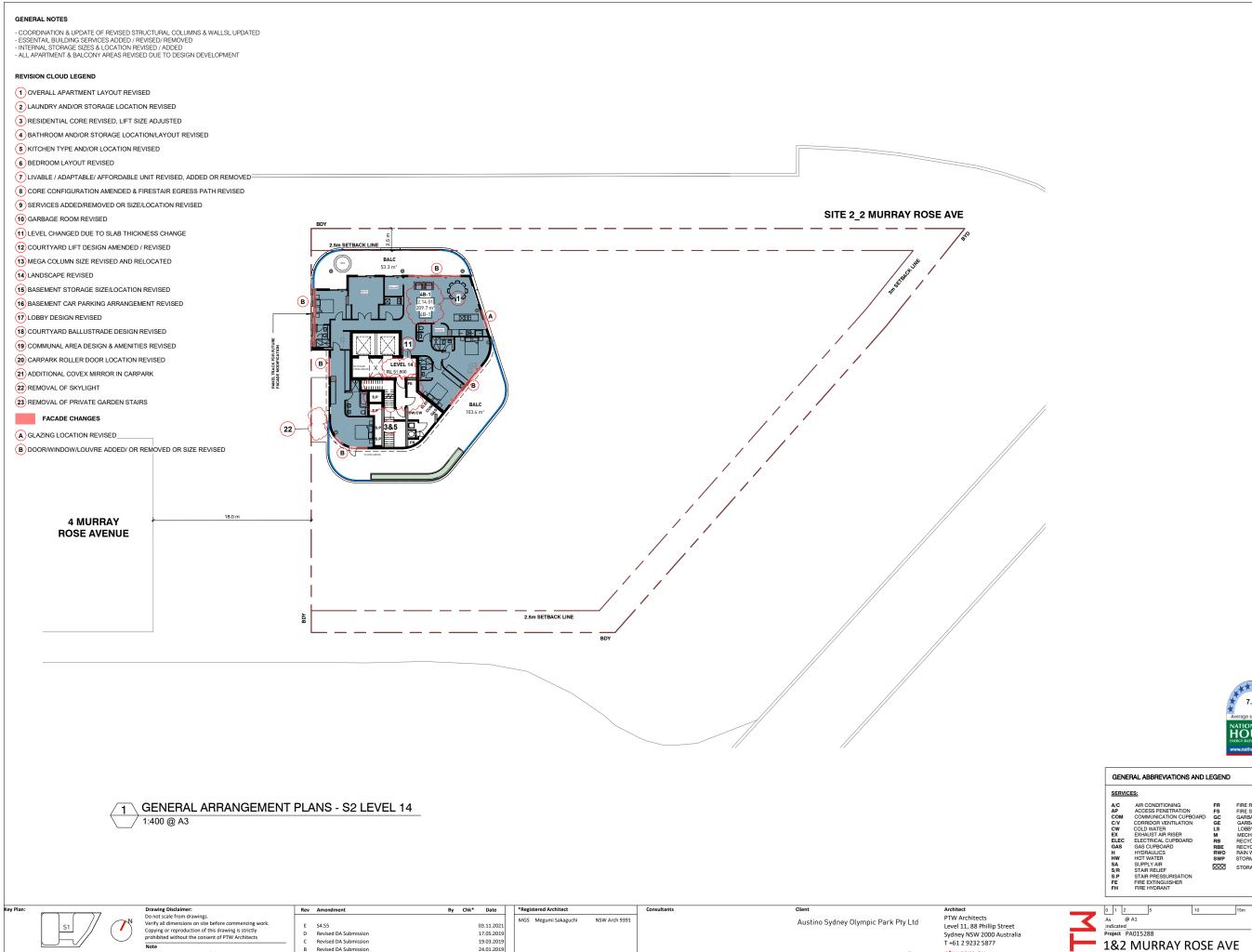
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Revised DA Submission

Revised DA Submission



Assessor Name: Dwelling Address 1-2 Murray Rose Ave Olympic Park, NSW

Henky Mantophani 20241

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT
RECYCLE BIN
RECYCLE BIN SHAUST
RAIN WATER OUTLET
STORM WATER PIT STORAGE/BICYCLE CAGE

SILVER LIVABLE APARTMEN VISITABLE APARTMENT

BALC BALCONY

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

- S2 LEVEL 14

DA-10-6200

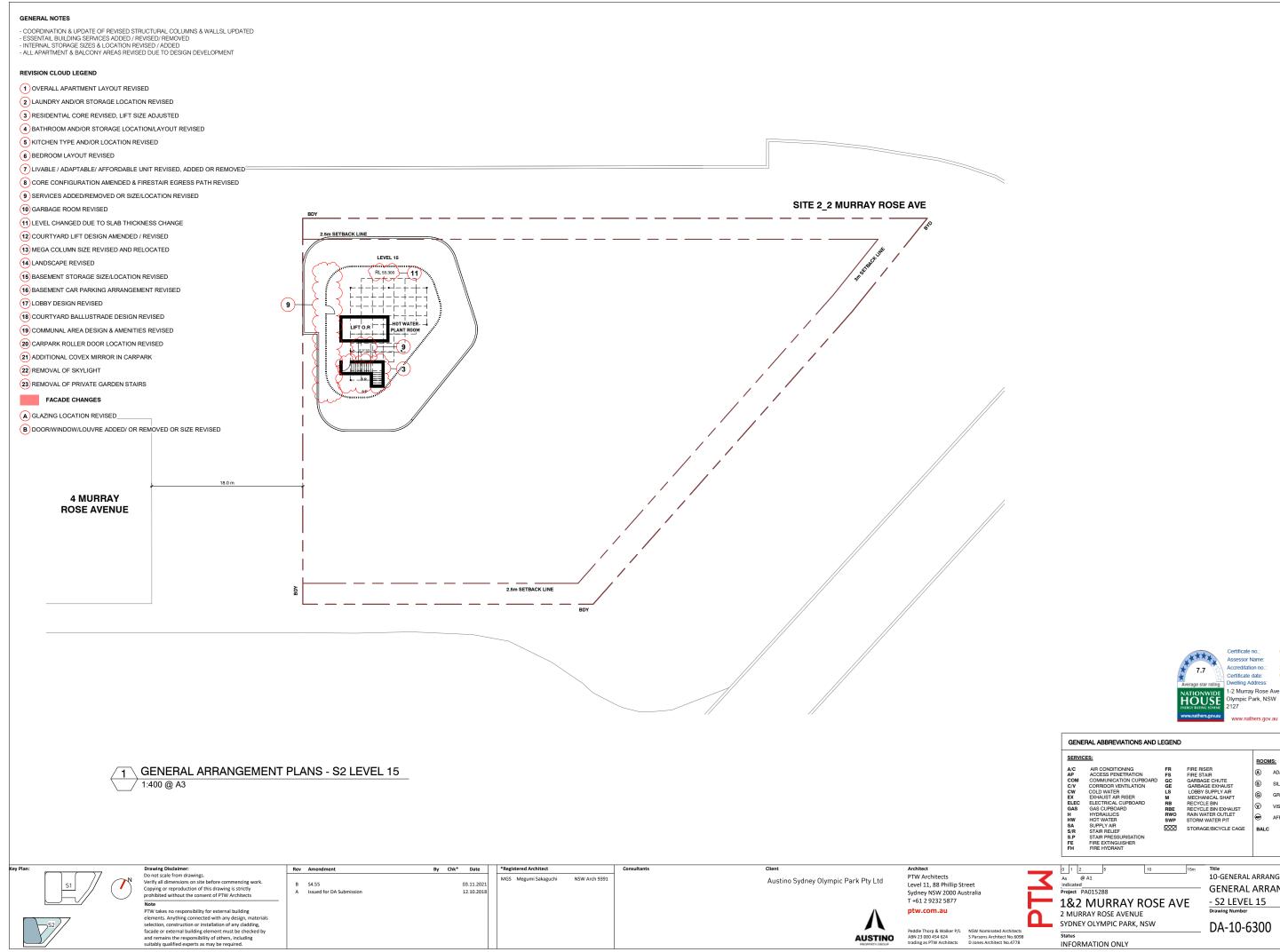
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24.01.2019 12.10.2018



SILVER LIVABLE APARTMEN VISITABLE APARTMENT AFFORDABLE APARTMENT BALC BALCONY

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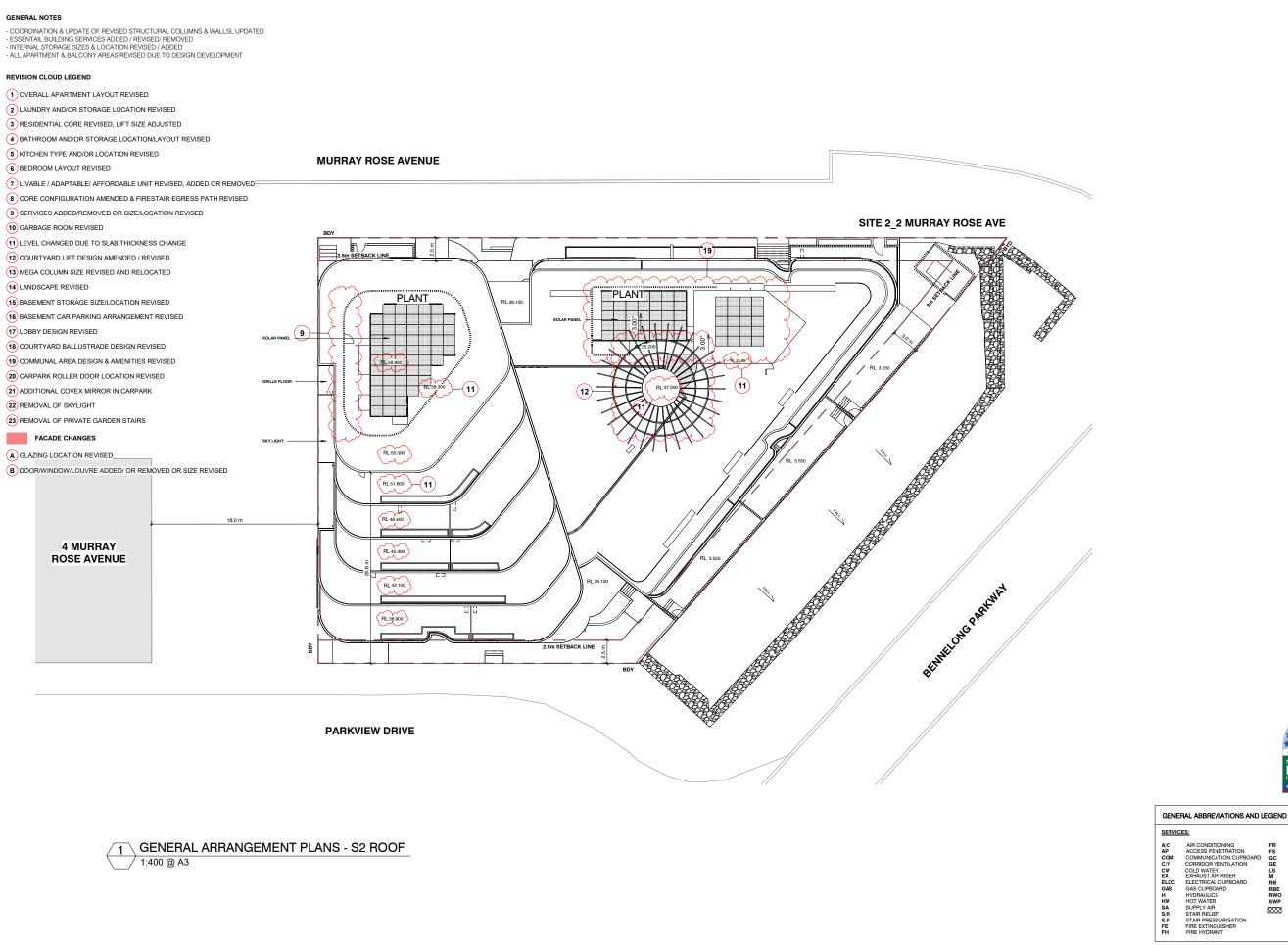
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10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

DA-10-6300

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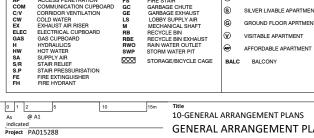
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10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

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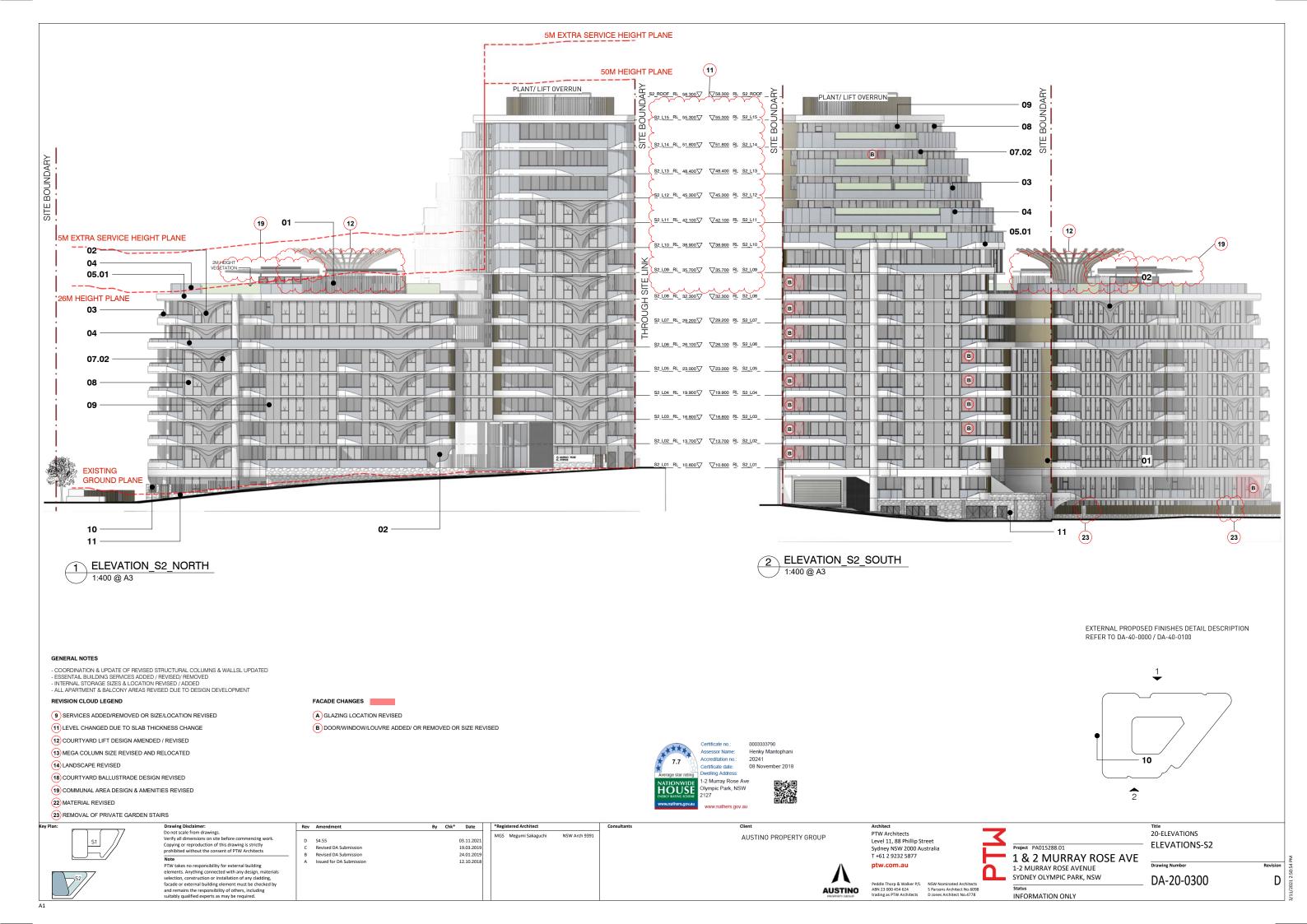
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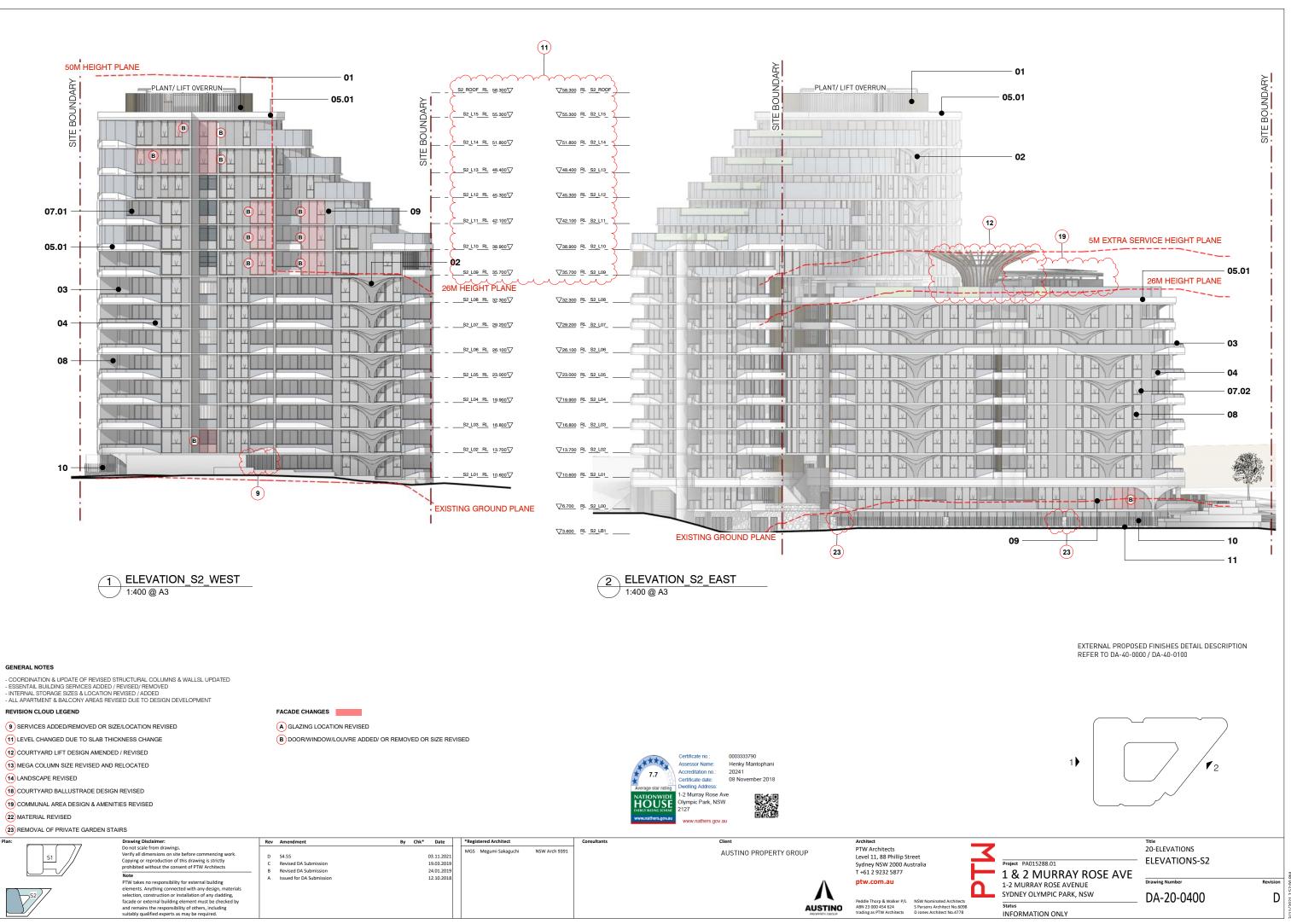
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D Jones Architect No.4778

**1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

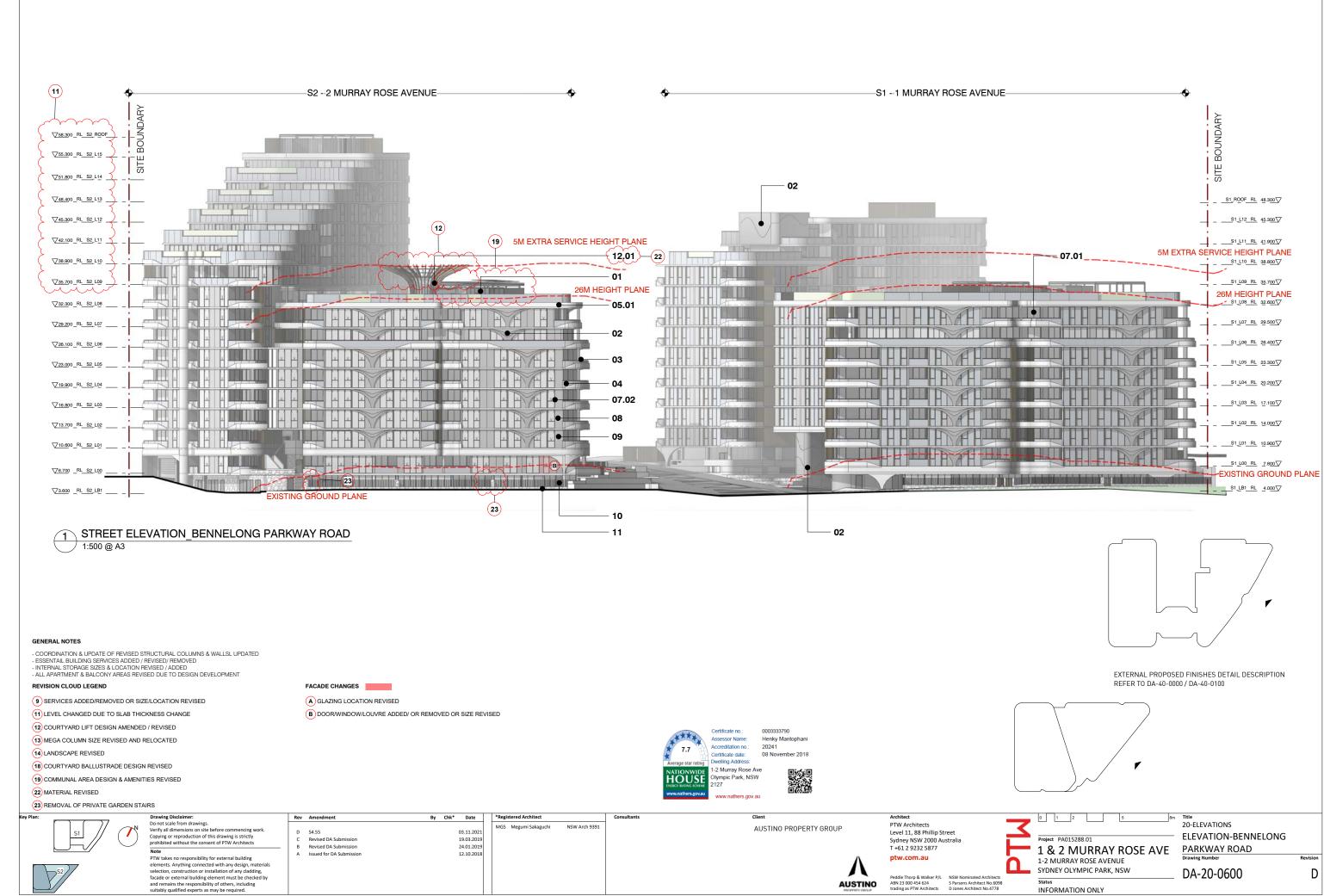
- S2 ROOF



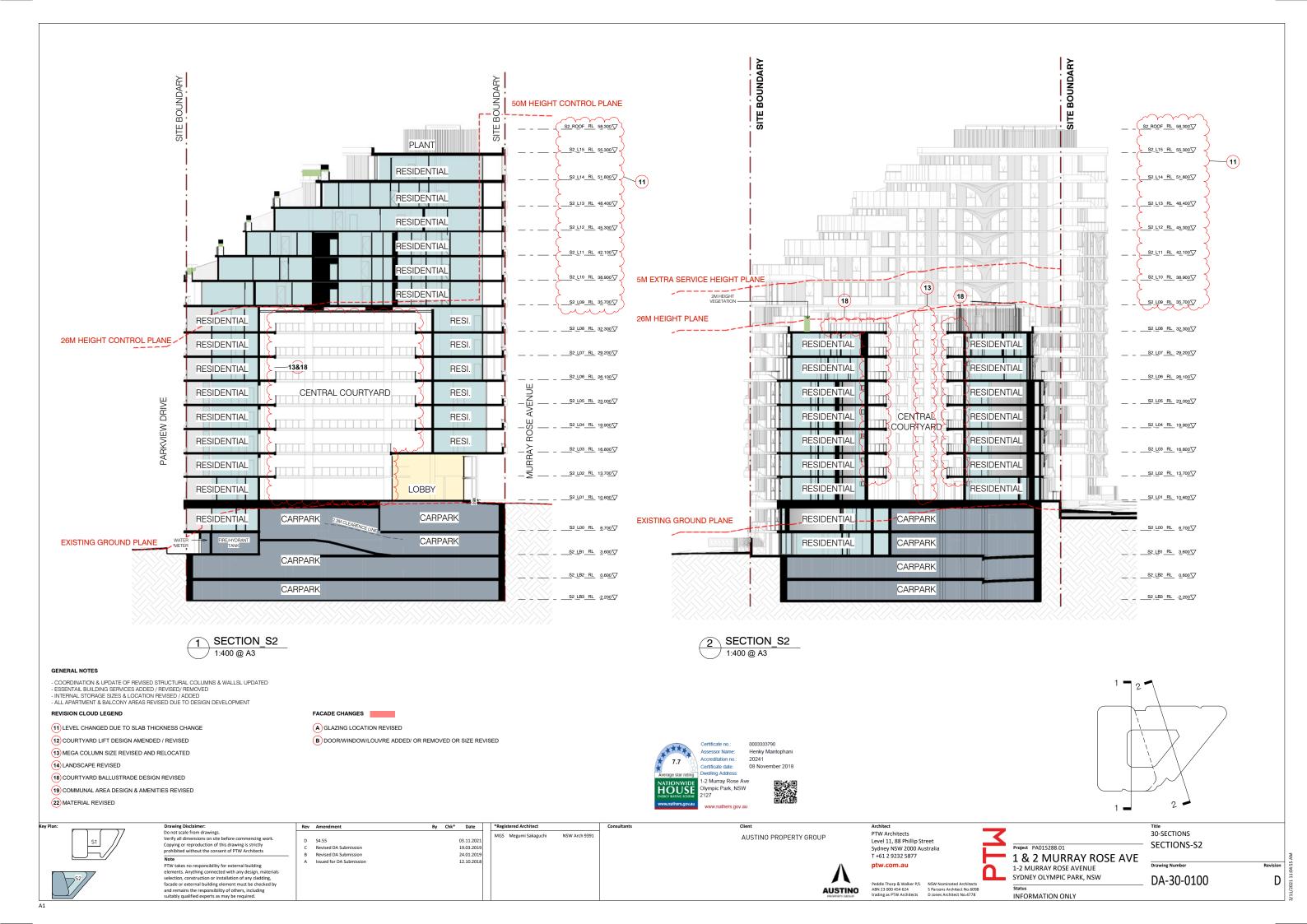


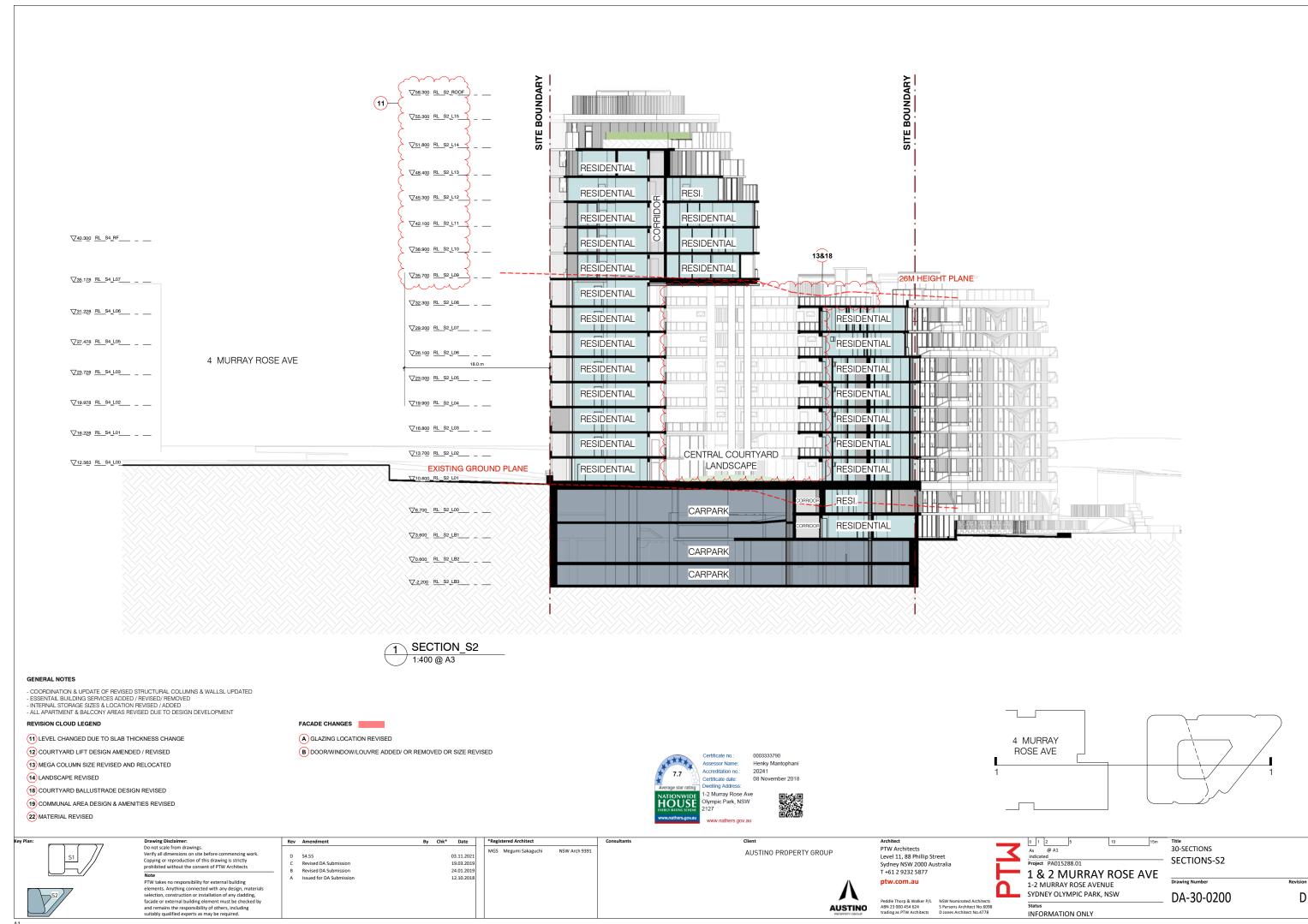


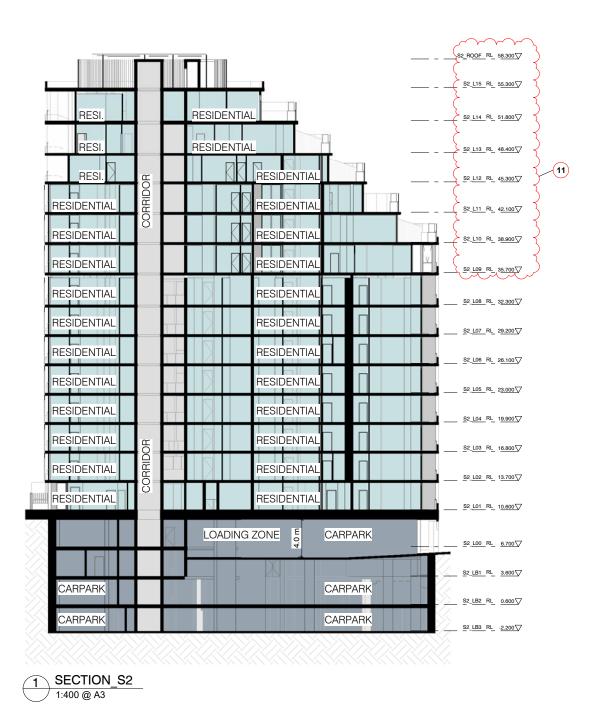
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- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

## REVISION CLOUD LEGEND

- (11) LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- (12) COURTYARD LIFT DESIGN AMENDED / REVISED
- (13) MEGA COLUMN SIZE REVISED AND RELOCATED
- (14) LANDSCAPE REVISED
- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- (22) MATERIAL REVISED



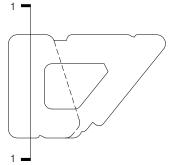


(A) GLAZING LOCATION REVISED

(B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED



Henky Mantophani



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By Chk* Date NSW Arch 9391 MGS Megumi Sakaguchi 03.11.202 17.05.201

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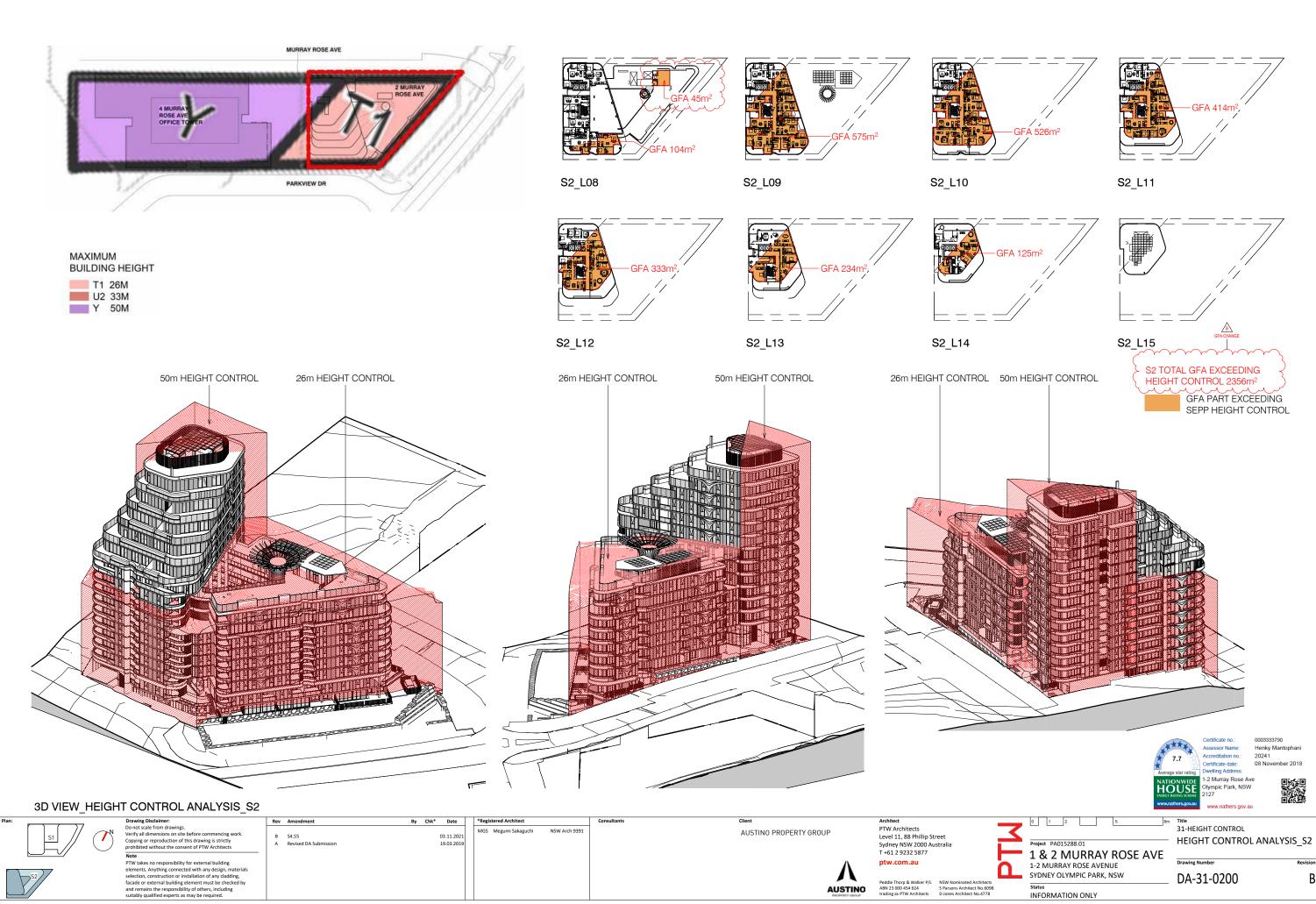
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1-2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

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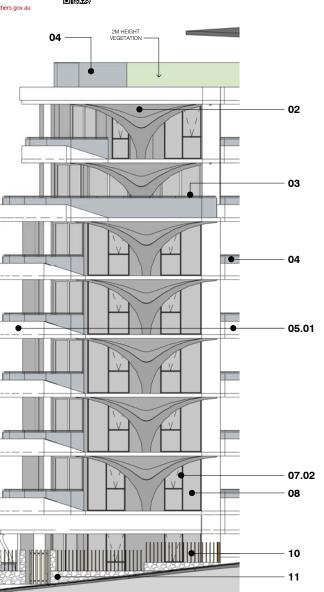
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#### REVISION CLOUD LEGEND

- (11) LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- (12) COURTYARD LIFT DESIGN AMENDED / REVISED
- 13 MEGA COLUMN SIZE REVISED AND RELOCATED
- (14) LANDSCAPE REVISED
- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- 22 MATERIAL REVISED



Henky Mantophani 20241



FACADE CHANGES

(A) GLAZING LOCATION REVISED







**Powder Coated Aluminium** Louvres in Champagne or Similar



05.02 Rendered Painted Finish in Dark Grey or Similar



07.01 **Powder Coated Aluminium** Window Frame in Bronze or



Clear Facade Glass



**Gabion Feature Wall Finish** or Similar





03 **Powder Coated Aluminium** Handrail in Charcoal Black or Similar



05.03 Render Painted Finish in **Light Grey or Similar** 



07.02 **Powder Coated Aluminium** Window Frame in Champagne or Similar



09 **Compressed Fibre Cement** in Dark Grey or Similar



12.01 Patinted Steel Section in Champagne



Clear Balustrade Glazing



05.01 Render Painted Finish in White



**Vertical Grove Solid Panel** in Champagne or Similar



**Powder Coated Slat Fence** Timber Look or Similar



13 **Courtyard Fritted Glass** Balustrade



S2 Typical Facade Elevation 01

1:200@ A3

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03.11.2021 24.01.2019 Issued for DA Submission 12.10.2018

AUSTINO PROPERTY GROUP



PTW Architects

Level 11, 88 Phillip Street

Peddle Thorp & Walker P/L
ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778



1-2 MURRAY ROSE AVENUE

INFORMATION ONLY

1 & 2 MURRAY ROSE AVE SYDNEY OLYMPIC PARK, NSW

Title
40-EXTERNAL FACADE FINISH FACADE FINISH SCHEDULE-S2

DA-40-0100

(22)

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

### REVISION CLOUD LEGEND

- (11) LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- (12) COURTYARD LIFT DESIGN AMENDED / REVISED
- 13 MEGA COLUMN SIZE REVISED AND RELOCATED
- (14) LANDSCAPE REVISED
- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- 22 MATERIAL REVISED

FACADE CHANGES

(A) GLAZING LOCATION REVISED

(B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED



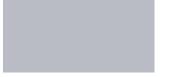
**Powder Coated Perforated Metal Screen in White** 



Render Painted Finish in White



Render Painted Finish in **Light Grey or Similar** 



07.01 **Powder Coated Aluminium** Window Frame in Light Grey or Similar



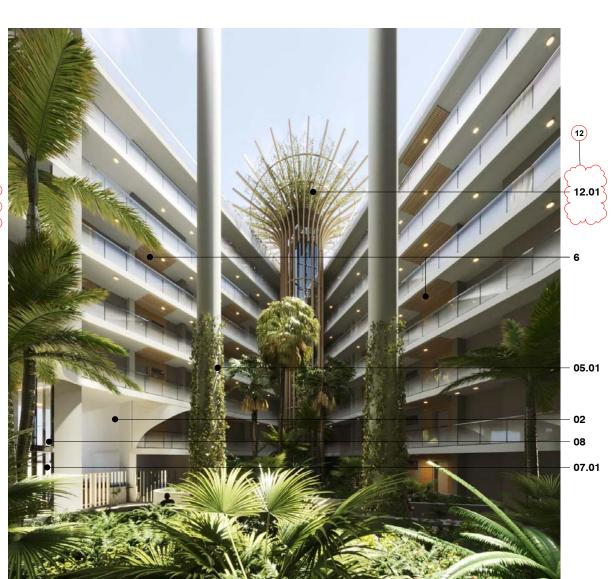
12.01 **Patinted Steel Section in** Champagne



**Courtyard Fritted Glass Balustrade** 

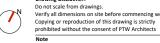


**Vertical Grove Solid Panel** in Champagne or Similar









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1 & 2 MURRAY ROSE AVE 1-2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

Title
40-EXTERNAL FACADE FINISH FACADE FINISH SCHEDULE-S2 CENTRAL COURTYARD

DA-40-0200

05.01

**AUSTINO** 

INFORMATION ONLY

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED

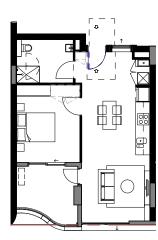
- ESSENTAL BUILDING SERVICES ADDED / REVISED / REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

## REVISION CLOUD LEGEND

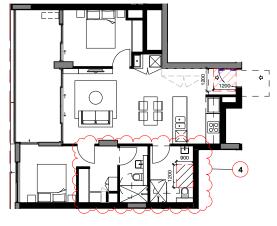
- 1) OVERALL APARTMENT LAYOUT REVISED
- 2 LAUNDRY AND/OR STORAGE LOCATION REVISED
- 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED
- 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED
- 5 KITCHEN TYPE AND/OR LOCATION REVISED
- 6 BEDROOM LAYOUT REVISED
- 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED
- (8) CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED
- 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED
- 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- 12 COURTYARD LIFT DESIGN AMENDED / REVISED
- 13 MEGA COLUMN SIZE REVISED AND RELOCATED
- 15 BASEMENT STORAGE SIZE/LOCATION REVISED
- 16 BASEMENT CAR PARKING ARRANGEMENT REVISED
- (17) LOBBY DESIGN REVISED
- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- 20) CARPARK ROLLER DOOR LOCATION REVISED
- (21) ADDITIONAL COVEX MIRROR IN CARPARK
- (22) REMOVAL OF SKYLIGHT
- 23 REMOVAL OF PRIVATE GARDEN STAIRS

## FACADE CHANGES

- (A) GLAZING LOCATION REVISED
- B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED



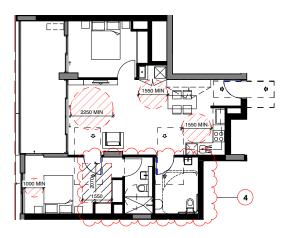
UNIT 20210,20311,20411,20511 PRE-ADAPTABLE 1:200 @ A3



UNIT 20110,20313,20413,20513_PRE-ADAPTABLE/ 3 UNIT 20212,20610,20710,20805_SILVER LIVABLE 1:200 @ A3

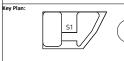


4 UNIT 20210,20311,20411,20511_POST-ADAPTABLE 1:200 @ A3



6 UNIT 20110,20313,20413,20513_POST-ADAPTABLE 1:200 @ A3





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Peddle Thorp & Walker P/L
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INFORMATION ONLY

Title 50-ADDITIONAL DETAIL ADAPTABLE UNITS-S2

DA-50-2000

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED

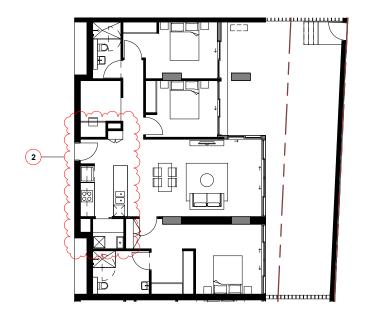
- ESSENTAL BUILDING SERVICES ADDED / REVISED / REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

## REVISION CLOUD LEGEND

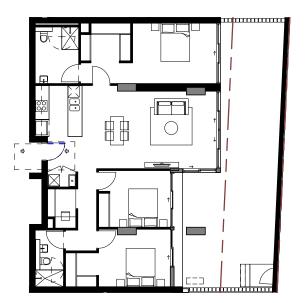
- 1) OVERALL APARTMENT LAYOUT REVISED
- 2 LAUNDRY AND/OR STORAGE LOCATION REVISED
- 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED
- 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED
- 5 KITCHEN TYPE AND/OR LOCATION REVISED
- 6 BEDROOM LAYOUT REVISED
- 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED
- (8) CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED
- 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED
- 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- 12 COURTYARD LIFT DESIGN AMENDED / REVISED
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- 16 BASEMENT CAR PARKING ARRANGEMENT REVISED
- (17) LOBBY DESIGN REVISED
- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- 20) CARPARK ROLLER DOOR LOCATION REVISED
- (21) ADDITIONAL COVEX MIRROR IN CARPARK
- (22) REMOVAL OF SKYLIGHT
- 23 REMOVAL OF PRIVATE GARDEN STAIRS

## FACADE CHANGES

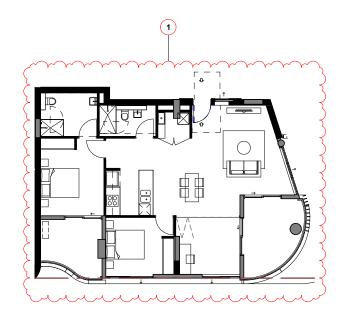
- (A) GLAZING LOCATION REVISED
- B DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED



UNIT 2B102 PRE-ADAPTABLE 1:200 @ A3



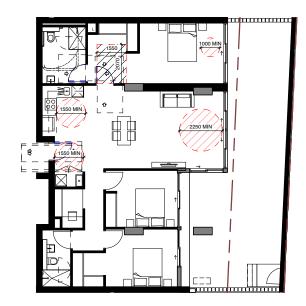
UNIT 2B103 PRE-ADAPTABLE 1:200 @ A3



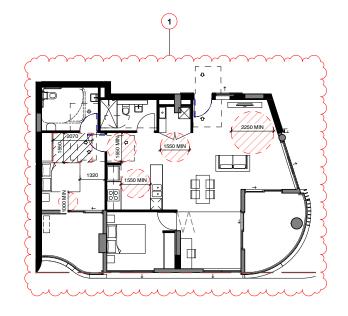
3 UNIT 20608,20708,20803_PRE-ADAPTABLE 1:400 @ A3



4 UNIT 2B102_POST-ADAPTABLE / 1:200 @ A3



UNIT 2B103 POST-ADAPTABLE 1:200 @ A3



6 UNIT 20608,20708,20803_POST-ADAPTABLE 1:400 @ A3



Accreditation no. 20241 1-2 Murray Rose Ave



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Title 50-ADDITIONAL DETAIL ADAPTABLE UNITS-S2

DA-50-2001



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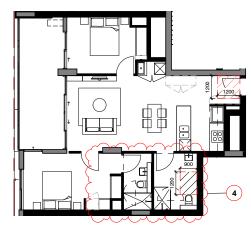
- ESSENTAL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

## REVISION CLOUD LEGEND

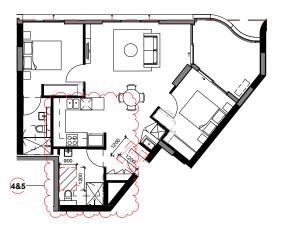
- 1 OVERALL APARTMENT LAYOUT REVISED
- 2 LAUNDRY AND/OR STORAGE LOCATION REVISED
- 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED
- 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED
- 5 KITCHEN TYPE AND/OR LOCATION REVISED
- 6 BEDROOM LAYOUT REVISED
- 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED
- (8) CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED
- 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED
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## FACADE CHANGES

- (A) GLAZING LOCATION REVISED
- B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED



UNIT 20212,20610,20710,20805_SILVER LIVABLE 1:200 @ A3



UNIT 20103,20204,20305,20405,20505_SILVER LIVABLE 1:200 @ A3



3 UNIT 20903,21003,21103_SILVER LIVABLE / 1:200 @ A3



4 UNIT 21004 SILVER LIVABLE 1:200 @ A3



20241





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SYDNEY OLYMPIC PARK, NSW

Title 50-ADDITIONAL DETAIL SILVER LIVABLE UNITS-S2

DA-50-2100



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   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

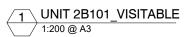
## REVISION CLOUD LEGEND

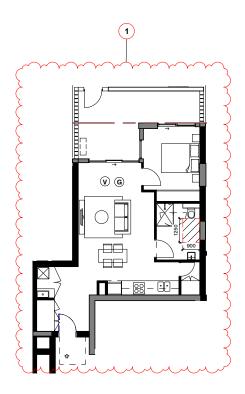
- 1) OVERALL APARTMENT LAYOUT REVISED
- 2 LAUNDRY AND/OR STORAGE LOCATION REVISED
- 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED
- 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED
- 5 KITCHEN TYPE AND/OR LOCATION REVISED
- 6 BEDROOM LAYOUT REVISED
- 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED
- 8 CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED
- 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED
- (10) GARBAGE ROOM REVISED
- 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- 12 COURTYARD LIFT DESIGN AMENDED / REVISED
- 13 MEGA COLUMN SIZE REVISED AND RELOCATED
- 15 BASEMENT STORAGE SIZE/LOCATION REVISED
- 16 BASEMENT CAR PARKING ARRANGEMENT REVISED
- (17) LOBBY DESIGN REVISED
- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- (20) CARPARK ROLLER DOOR LOCATION REVISED
- (21) ADDITIONAL COVEX MIRROR IN CARPARK
- (22) REMOVAL OF SKYLIGHT
- 23 REMOVAL OF PRIVATE GARDEN STAIRS

## FACADE CHANGES

- (A) GLAZING LOCATION REVISED
- B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED





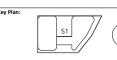


2 UNIT 20101_VISITABLE 1:200 @ A3









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NSW Arch 9391

03.11.202 12.10.201

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Peddle Thorp & Walker P/L
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Title 50-ADDITIONAL DETAIL VISITABLE UNITS-S2

DA-50-2200

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

- * DETAILED REVISION DESCRIPTIONS REFER TO GENERAL ARRANGEMENT PLANS

## STORAGE SCHEDLE_S2

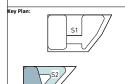
			TORAGE SCHEL	_		
SITE/ LEVEL	APARTMENT NUMBER	APARTMENT TYPE	TOTAL REQUIRED STORAGE	MAX COUNTABLE EXTERNAL STORAGE	TOTAL INTERNAL STORAGE	TOTAL STORAGE
S2 LB1	2.B1.01	3B-3	10.00 m ³	5.00 m ³	13.71 m ³	18.71
S2_LB1	2.B1.02	3B-1	10.00 m ³	5.00 m ³	21.44 m ³	26.44
S2_LB1	2.B1.03	3B-2	10.00 m ³	5.00 m ³	7.92 m ³	12.92
						1
S2_L00	2.00.01	3B-4	10.00 m ³	5.00 m ³	5.10 m ³	10.1
S2_L00 S2_L00	2.00.02	1B-3 1B-1	6.00 m ³	3.00 m ³	10.50 m ³	13.5 6.47
S2_L00	2.00.03 2.00.04	1B-2	6.00 m ³ 6.00 m ³	3.00 m ³ 3.00 m ³	3.47 m ³ 3.14 m ³	6.14
S2 L00	2.00.05	1B-1	6.00 m ³	3.00 m ³	3.49 m ³	6.49
S2 L00	2.00.06	2B-1	8.00 m ³	4.00 m ³	25.27 m ³	29.27
_						
S2_L01	2.01.01	1B-5	6.00 m ³	3.00 m ³	6.03 m ³	9.03
S2_L01	2.01.02	2B-6	8.00 m ³	4.00 m ³	5.63 m ³	9.63
S2_L01	2.01.03	2B-7	8.00 m ³	4.00 m ³	4.18 m³	8.18
S2_L01	2.01.04	3B-4	10.00 m ³	5.00 m ³	25.49 m ³	30.49
S2_L01 S2_L01	2.01.05 2.01.06	1B-4 2B-3	6.00 m ³ 8.00 m ³	3.00 m ³ 4.00 m ³	9.65 m ³ 16.00 m ³	12.65 20
S2_L01	2.01.06	2B-3	8.00 m ³	4.00 m ³	16.00 m ³	20
S2 L01	2.01.08	2B-2	8.00 m ³	4.00 m ³	30.63 m ³	34.63
S2 L01	2.01.09	2B-4	8.00 m ³	4.00 m ³	16.93 m ³	20.93
S2_L01	2.01.10	2B-5	8.00 m ³	4.00 m ³	4.24 m ³	8.24
S2_L02	2.02.01	2B-9	8.00 m ³	4.00 m ³	19.60 m ³	23.6
S2_L02	2.02.02	1B-7	6.00 m ³	3.00 m ³	3.37 m ³	6.37
S2_L02	2.02.03	1B-6	6.00 m ³	3.00 m ³	4.39 m³	7.39
S2_L02	2.02.04	2B-7	8.00 m ³	4.00 m ³	4.21 m ³	8.21
S2_L02 S2_L02	2.02.05	3B-4 1B-4	10.00 m ³ 6.00 m ³	5.00 m ³ 3.00 m ³	25.74 m ³	30.74 13.82
S2_L02	2.02.06 2.02.07	2B-3	8.00 m ³	4.00 m ³	10.82 m ³ 16.72 m ³	20.72
S2 L02	2.02.08	2B-3	8.00 m ³	4.00 m ³	16.72 m ³	20.72
S2 L02	2.02.09	2B-8	8.00 m ³	4.00 m ³	22.95 m ³	26.95
S2 L02	2.02.10	1B-9	6.00 m ³	3.00 m ³	3.49 m ³	6.49
S2_L02	2.02.11	2B-4	8.00 m ³	4.00 m ³	16.95 m ³	20.95
S2_L02	2.02.12	2B-5	8.00 m ³	4.00 m ³	5.33 m ³	9.33
S2_L02	2.02.13	1B-8	6.00 m ³	3.00 m ³	3.29 m ³	6.29
S2_L03	2.03.01	2B-9	8.00 m ³	4.00 m ³	16.19 m ³	20.19
S2_L03 S2_L03	2.03.02	2B-10 1B-7	8.00 m ³ 6.00 m ³	4.00 m ³ 3.00 m ³	17.50 m ³	21.5 6.37
S2_L03	2.03.03 2.03.04	1B-6	6.00 m ³	3.00 m ³	3.37 m ³ 4.47 m ³	7.47
S2 L03	2.03.05	2B-7	8.00 m ³	4.00 m ³	4.18 m ³	8.18
S2 L03	2.03.06	3B-4	10.00 m ³	5.00 m ³	25.35 m ³	30.35
S2 L03	2.03.07	1B-4	6.00 m ³	3.00 m ³	9.65 m ³	12.65
S2_L03	2.03.08	2B-3	8.00 m ³	4.00 m ³	16.05 m ³	20.05
S2_L03	2.03.09	2B-3	8.00 m ³	4.00 m ³	16.00 m ³	20
S2_L03	2.03.10	2B-8	8.00 m ³	4.00 m ³	22.95 m ³	26.95
S2_L03	2.03.11	1B-9	6.00 m ³	3.00 m ³	3.49 m³	6.49
S2_L03	2.03.12	2B-4	8.00 m ³	4.00 m ³	16.90 m ³	20.9
S2_L03 S2_L03	2.03.13 2.03.14	2B-5 1B-8	8.00 m ³ 6.00 m ³	4.00 m ³ 3.00 m ³	5.10 m ³ 3.29 m ³	9.1 6.29
32_L03	2.00.14	10-0	0.00 111*	5.00 III*	5.20 III*	0.29
S2 L04	2.04.01	2B-9	8.00 m ³	4.00 m ³	16.19 m ³	20.19
S2_L04	2.04.02	2B-10	8.00 m ³	4.00 m ³	17.50 m ³	21.5
S2_L04	2.04.03	1B-7	6.00 m ³	3.00 m ³	3.37 m ³	6.37
S2_L04	2.04.04	1B-6	6.00 m ³	3.00 m ³	4.47 m ³	7.47
S2_L04	2.04.05	2B-7	8.00 m ³	4.00 m ³	4.18 m ³	8.18
S2_L04	2.04.06	3B-4	10.00 m ³	5.00 m ³	25.35 m ³	30.35
S2_L04	2.04.07	1B-4	6.00 m ³	3.00 m ³	9.65 m ³	12.65
S2_L04 S2_L04	2.04.08 2.04.09	2B-3 2B-3	8.00 m ³ 8.00 m ³	4.00 m ³ 4.00 m ³	16.05 m ³ 16.00 m ³	20.05
S2_L04 S2_L04	2.04.10	2B-8	8.00 m ³	4.00 m ³	22.95 m ³	26.95
S2 L04	2.04.11	1B-9	6.00 m ³	3.00 m ³	3.49 m ³	6.49
S2 L04	2.04.12	2B-4	8.00 m ³	4.00 m ³	16.90 m ³	20.9
S2_L04	2.04.13	2B-5	8.00 m ³	4.00 m ³	4.87 m ³	8.87
S2_L04	2.04.14	1B-8	6.00 m ³	3.00 m ³	3.02 m ³	6.02
S2_L05	2.05.01	2B-9	8.00 m ³	4.00 m ³	16.19 m ³	20.19
S2_L05	2.05.02	2B-10	8.00 m ³	4.00 m ³	17.50 m ³	21.5
S2_L05	2.05.03	1B-7	6.00 m ³	3.00 m ³	3.37 m ³	6.37
S2_L05	2.05.04	1B-6	6.00 m ³	3.00 m ³	4.47 m ³	7.47
S2_L05	2.05.05	2B-7	8.00 m ³	4.00 m ³	4.18 m ³	8.18

## STORAGE SCHEDLE_S2

TOTAL STORAG	STORAGE	MAX COUNTABLE EXTERNAL STORAGE			LEVEL	
30.35	25'.35 m ³	5.00 m ³	10.00 m ³	3B-4	2.05.06	S2_L05
12.65	9.65 m ³	3.00 m ³	6.00 m ³	1B-4	2.05.07	S2 L05
20.05	16.05 m ³	4.00 m ³	8.00 m ³	2B-3	2.05.08	S2 L05
20	16.00 m ³	4.00 m ³	8.00 m ³	2B-3	2.05.09	S2 L05
26.95	22.95 m ³	4.00 m ³	8.00 m ³	2B-8	2.05.10	S2 L05
6.49	3.49 m ³	3.00 m ³	6.00 m ³	1B-9	2.05.11	S2 L05
20.9	16.90 m ³	4.00 m ³	8.00 m ³	2B-4	2.05.12	S2_L05
8.87	4.87 m ³	4.00 m ³	8.00 m ³	2B-5	2.05.13	S2_L05
6.02	3.02 m ³	3.00 m ³	6.00 m ³	1B-8	2.05.14	S2_L05
20.25	16.25 m ³	4.00 m ³	8.00 m ³	2B-9	2.06.01	S2 L06
6.74				1B-10		S2 L06
	3.74 m³	3.00 m ³	6.00 m ³		2.06.02	
9.38	5.38 m ³	4.00 m ³	8.00 m ³	2B-14	2.06.03	S2_L06
16.93	12.93 m ³	4.00 m ³	8.00 m ³	2B-11	2.06.04	S2_L06
10.76	5.76 m ³	5.00 m ³	10.00 m ³	3B-5	2.06.05	S2_L06
8.97	4.97 m ³	4.00 m ³	8.00 m ³	2B-12	2.06.06	S2_L06
17.22	12.22 m ³	5.00 m ³	10.00 m ³	3B-6	2.06.07	S2 L06
31.95	27.95 m ³	4.00 m ³	8.00 m ³	2B-13	2.06.08	S2 L06
20.9	16.90 m ³	4.00 m ³	8.00 m ³	2B-4	2.06.09	S2 L06
						_
9.1	5.10 m ³	4.00 m ³	8.00 m ³	2B-5	2.06.10	S2_L06
6.29	3.29 m ³	3.00 m ³	6.00 m ³	1B-8	2.06.11	S2_L06
20.23	16.23 m ³	4.00 m ³	8.00 m ³	2B-9	2.07.01	S2 L07
						_
6.74	3.74 m ³	3.00 m ³	6.00 m ³	1B-10	2.07.02	S2_L07
8.06	4.06 m ³	4.00 m ³	8.00 m ³	2B-14	2.07.03	S2_L07
16.55	12.55 m ³	4.00 m ³	8.00 m ³	2B-11	2.07.04	S2_L07
10.78	5.78 m ³	5.00 m ³	10.00 m ³	3B-5	2.07.05	S2_L07
9.28	5.28 m ³	4.00 m ³	8.00 m ³	2B-15	2.07.06	S2 L07
19.39	15.39 m ³	4.00 m ³	8.00 m ³	2B-16	2.07.07	S2 L07
31.8	27.80 m ³	4.00 m ³	8.00 m ³	2B-13	2.07.08	S2 L07
20.97	16.97 m ³	4.00 m ³	8.00 m ³	2B-4	2.07.09	S2 L07
				2B-5		_
9.1	5.10 m ³	4.00 m ³	8.00 m ³		2.07.10	S2_L07
6.29	3.29 m ³	3.00 m ³	6.00 m ³	1B-8	2.07.11	S2_L07
8.37	4.37 m ³	4.00 m ³	8.00 m ³	2B-9	2.08.01	S2 L08
6.74	3.74 m ³	3.00 m ³	6.00 m ³	1B-10	2.08.02	S2_L08
31.78	27.78 m ³	4.00 m ³	8.00 m ³	2B-13	2.08.03	S2_L08
20.9	16.90 m ³	4.00 m ³	8.00 m ³	2B-4	2.08.04	S2_L08
8.64	4.64 m ³	4.00 m ³	8.00 m ³	2B-5	2.08.05	S2_L08
6.29	3.29 m ³	3.00 m ³	6.00 m ³	1B-8	2.08.06	S2_L08
		}				
23.67	19.67 m ³	4.00 m ³	8.00 m ³	2B-9	2.09.01	S2_L09
24.62	20.62 m ³	4.00 m ³	8.00 m ³	2B-18	2.09.02	S2_L09
8.39	4.39 m ³	4.00 m ³	8.00 m ³	2B-19	2.09.03	S2 L09
8.7	4.70 m ³	4.00 m ³	8.00 m ³	2B-20	2.09.04	S2 L09
12.39	8.39 m ³	4.00 m ³	8.00 m ³	2B-21	2.09.05	S2 L09
11.01	6.01 m ³	5.00 m ³	10.00 m ³	3B-7	2.09.06	S2 L09
25.25	21.25 m ³	4.00 m ³	8.00 m ³	2B-17	2.09.07	S2 L09
	21.20111		5.55 III	25-17	2.00.07	
23.67	19.67 m ³	4.00 m ³	8.00 m ³	2B-9	2.10.01	S2 L10
24.63	20.63 m ³	4.00 m ³	8.00 m ³	2B-18	2.10.02	S2 L10
8.42	4.42 m ³	4.00 m ³	8.00 m ³	2B-19	2.10.03	S2_L10
13.49	8.49 m ³	5.00 m ³	10.00 m ³	3B-9	2.10.04	S2_L10
16.65	11.65 m ³	5.00 m ³	10.00 m ³	3B-8	2.10.05	S2_L10
25.25	21.25 m ³	4.00 m ³	8.00 m ³	2B-17	2.10.06	S2_L10
	4.07 2	4.00 2	0.00 2	00.0	0.11.01	00 144
8.37	4.37 m ³	4.00 m ³	8.00 m ³	2B-9	2.11.01	S2_L11
10.08	6.08 m ³	4.00 m ³	8.00 m ³	2B-18	2.11.02	S2_L11
8.39	4.39 m ³	4.00 m ³	8.00 m ³	2B-19	2.11.03	S2_L11
12.52	7.52 m ³	5.00 m ³	10.00 m ³	3B-10	2.11.04	S2_L11
25.25	21.25 m ³	4.00 m ³	8.00 m ³	2B-17	2.11.05	S2_L11
43.12	38.12 m ³	5.00 m ³	10.00 m ³	3B-12	2.12.01	S2_L12
14.24	9.24 m ³	5.00 m ³	10.00 m ³	3B-11	2.12.02	S2 L12
18.66	13.66 m ³	5.00 m ³	10.00 m ³	3B-13	2.12.03	S2 L12
1		5.55				
53.44	48.44 m³	5.00 m ³	10.00 m ³	4B-14	2.13.01	S2 L13
30.44	-W-1-T III	0.00 111	10.00 111	-3-14	2.10.01	52_2.0
41.08	36.08 m ³	5.00 m ³	10.00 m ³	4B-1	2.14.01	S2 L14
41.00	00.00 III-	0.00 III-	10.00 111-	70-1	2.14.01	04_LIT



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v	Amendment	Ву	Chk*	Date
	S4.55			03.11.2021
	Revised DA Submission			19.03.2019

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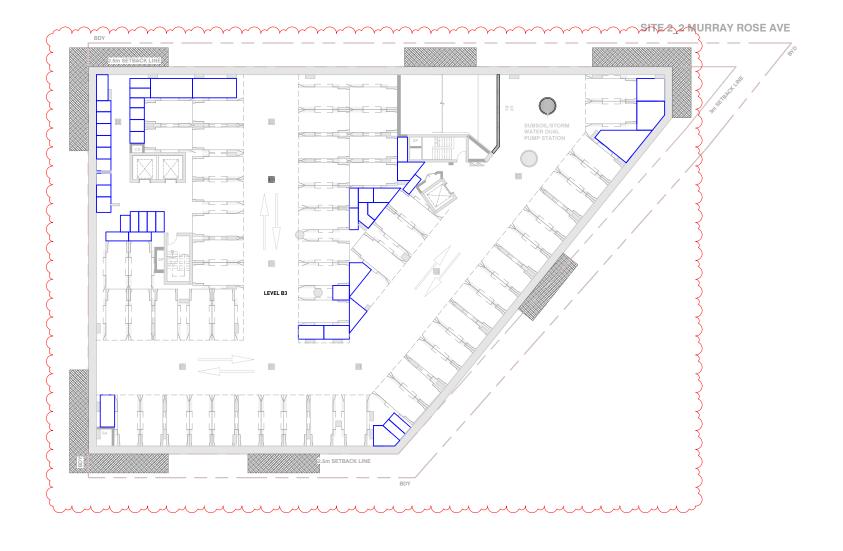


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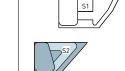
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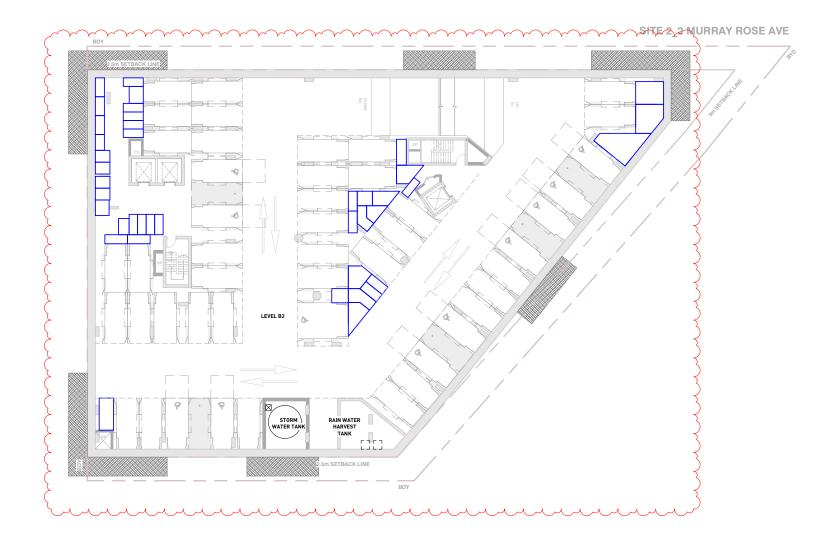
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70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL B3

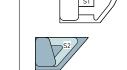
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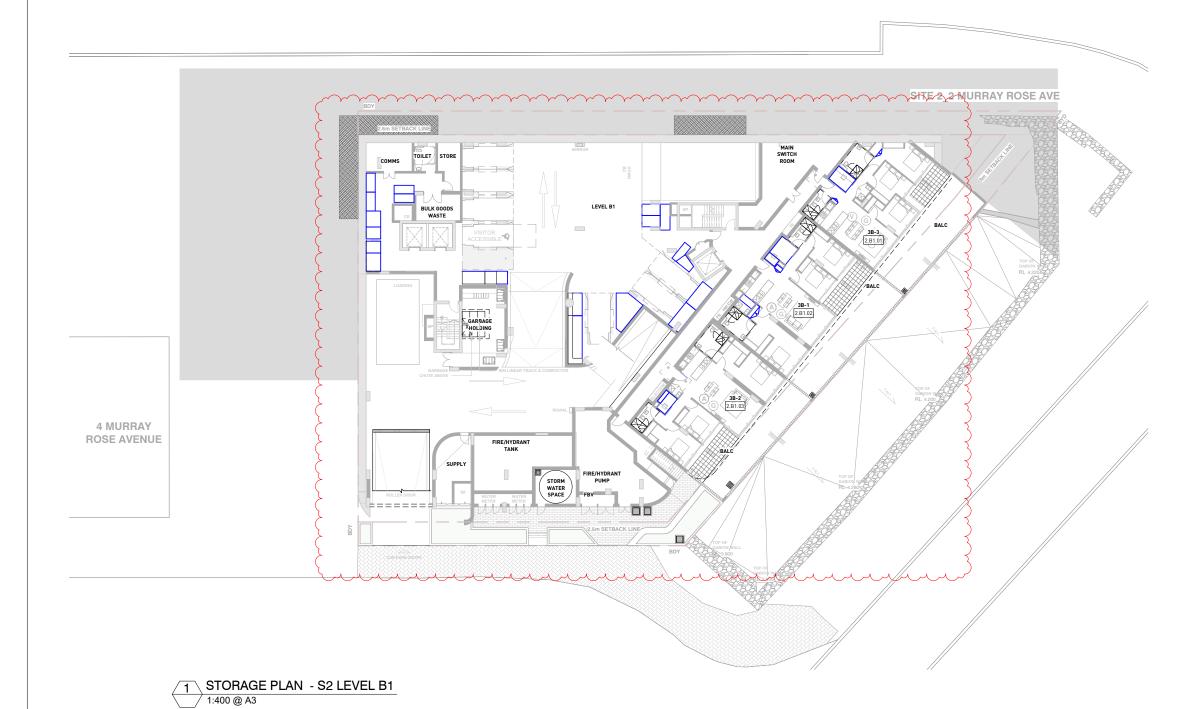
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1 STORAGE PLAN - S2 LEVEL 02 1:400 @ A3



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1 STORAGE PLAN - S2 LEVEL 03 - 05 1:400 @ A3



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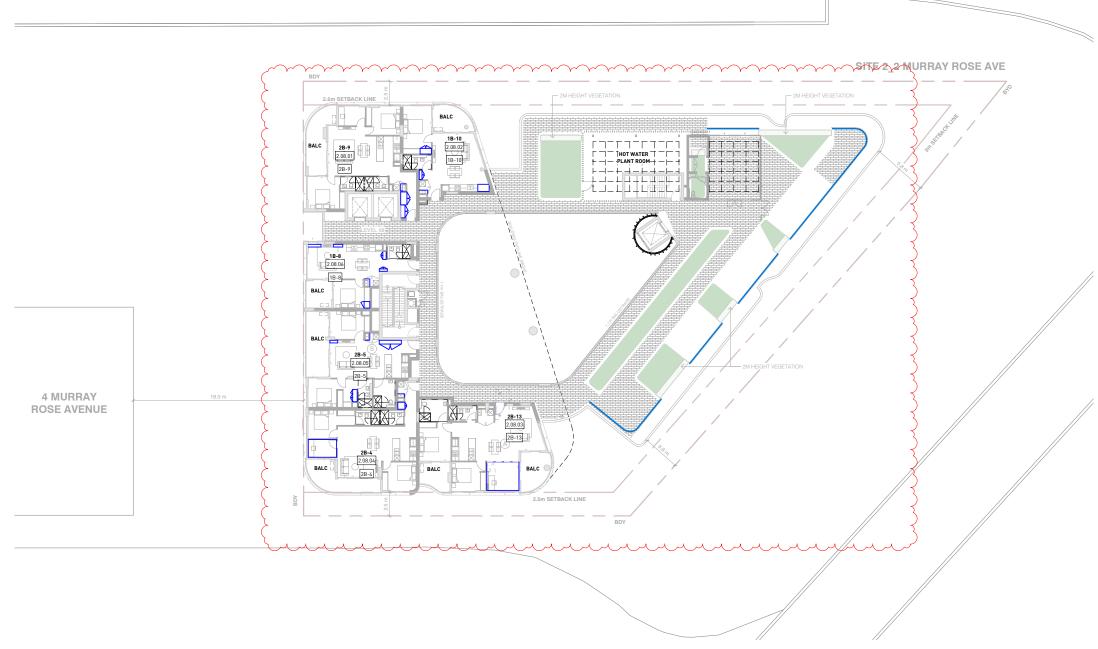


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Henky Mantophani 20241





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SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

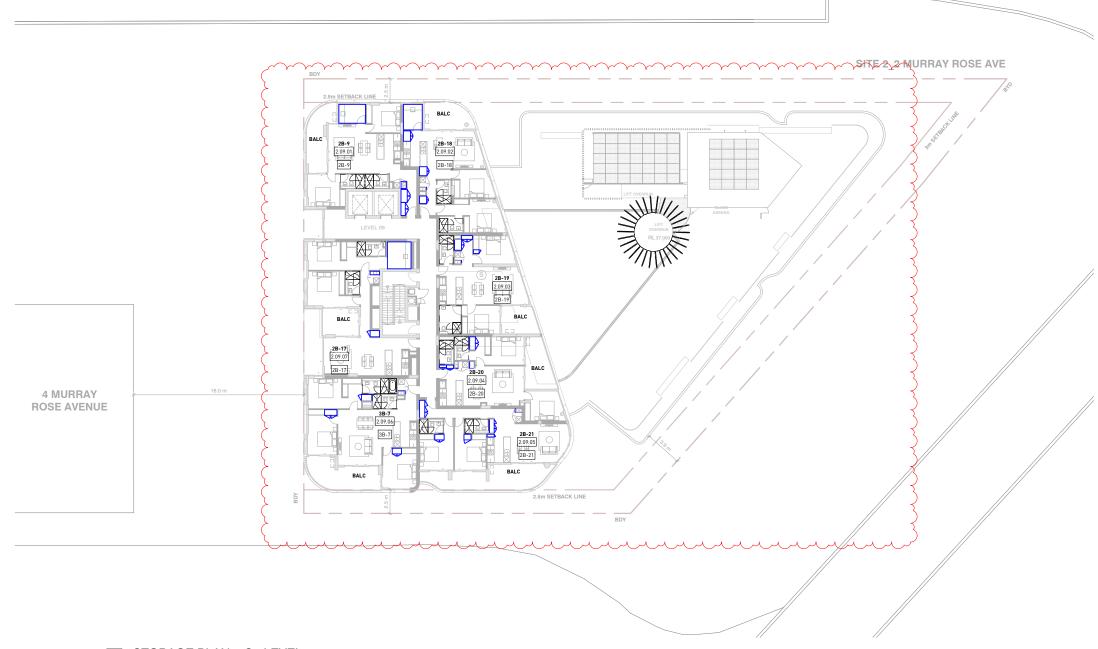
Title
70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 08

DA-70-3200

В

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

- * DETAILED REVISION DESCRIPTIONS REFER TO GENERAL ARRANGEMENT PLANS



1 STORAGE PLAN - S2 LEVEL 09 1:400 @ A3



20241 1-2 Murray Rose Ave

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03.11.2021 19.03.2019

By Chk* Date

NSW Arch 9391

Austino Sydney Olympic Park Pty Ltd



PTW Architects Level 11, 88 Phillip Street Sydney NSW 2000 Australia T +61 2 9232 5877

Peddle Thorp & Walker P/L
ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778



SYDNEY OLYMPIC PARK, NSW

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Title
70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 09

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
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1 STORAGE PLAN - S2 LEVEL 10 1:400 @ A3



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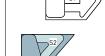
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ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778

O 1 2 5
As @ A1 indicated Project PA015288 **1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 10

DA-70-3400



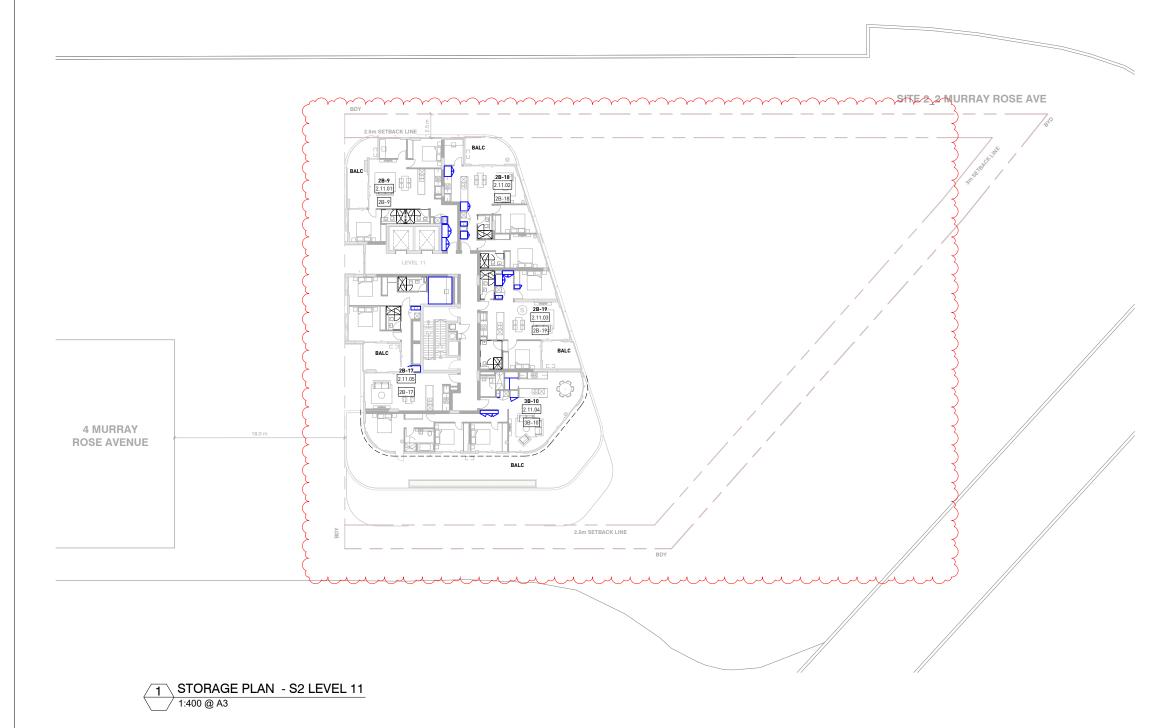
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By Chk* Date NSW Arch 9391 03.11.2021 19.03.2019

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70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 11

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

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1 STORAGE PLAN - S2 LEVEL 12 1:400 @ A3



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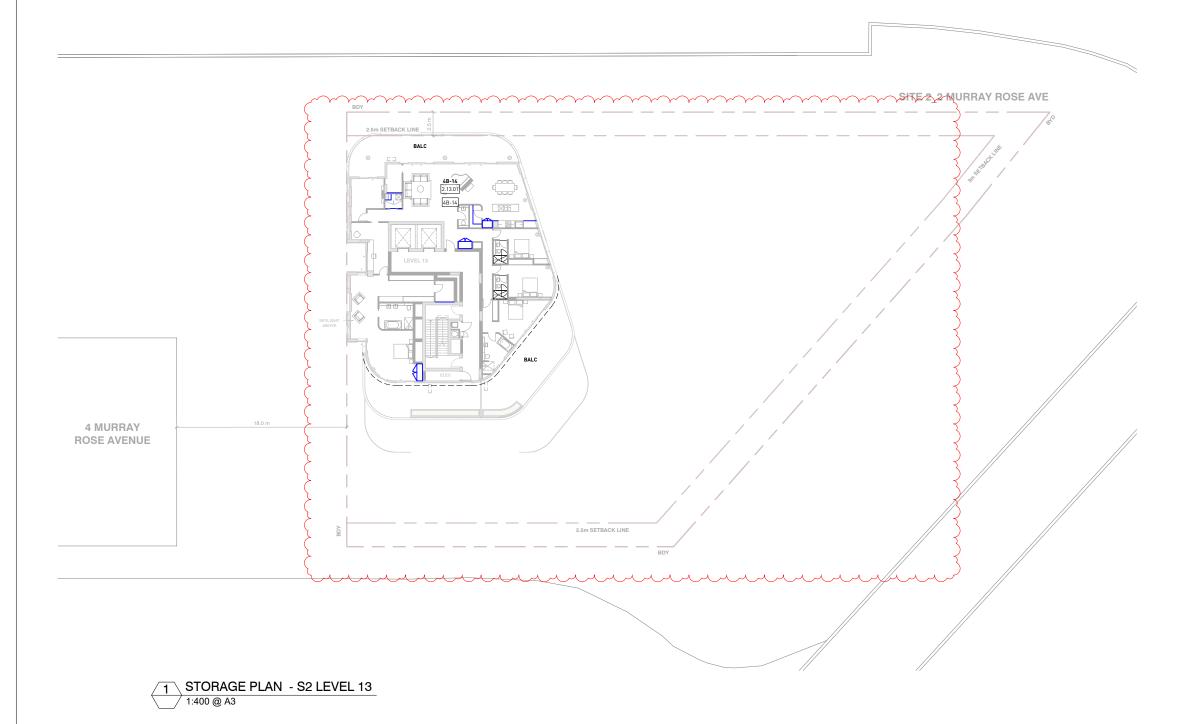


INFORMATION ONLY

70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 12

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
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trading as PTW Architects D Jones Architect No.4778

2 MURRAY ROSE AVENUE

O 1 2 5
As @ A1 indicated Project PA015288 **1&2 MURRAY ROSE AVE** 

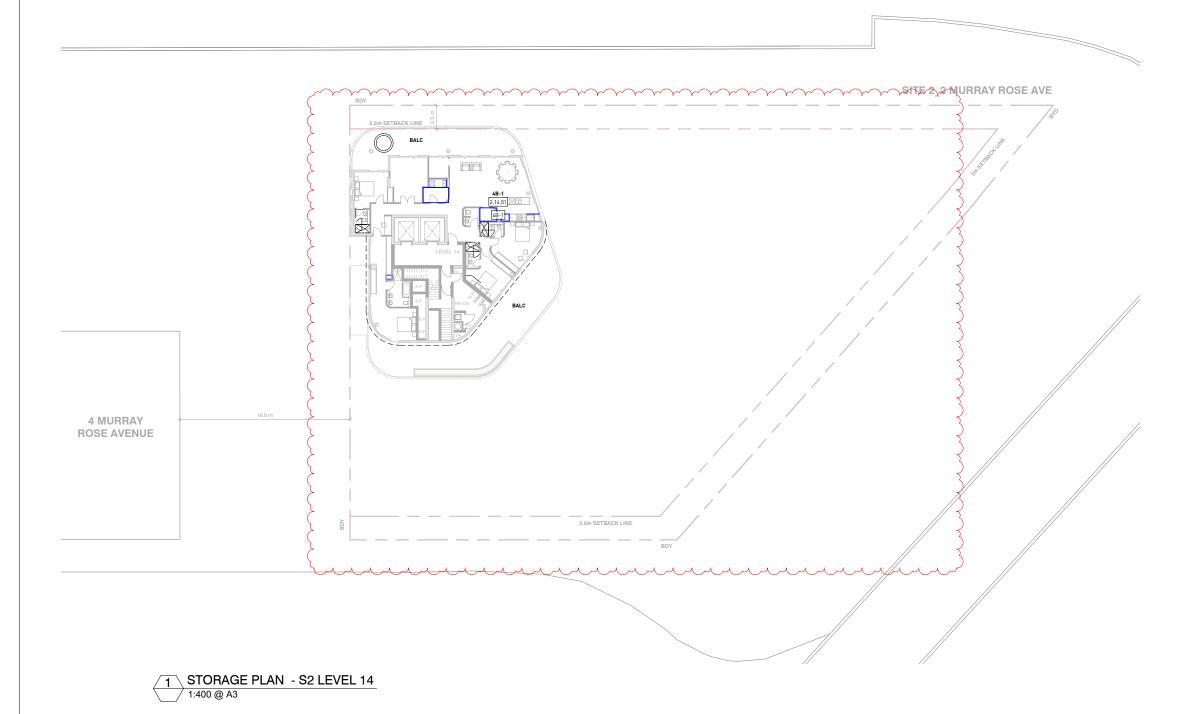
INFORMATION ONLY

SYDNEY OLYMPIC PARK, NSW

70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 13

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
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03.11.2021 19.03.2019

By Chk* Date

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Sydney NSW 2000 Australia
T +61 2 9232 5877

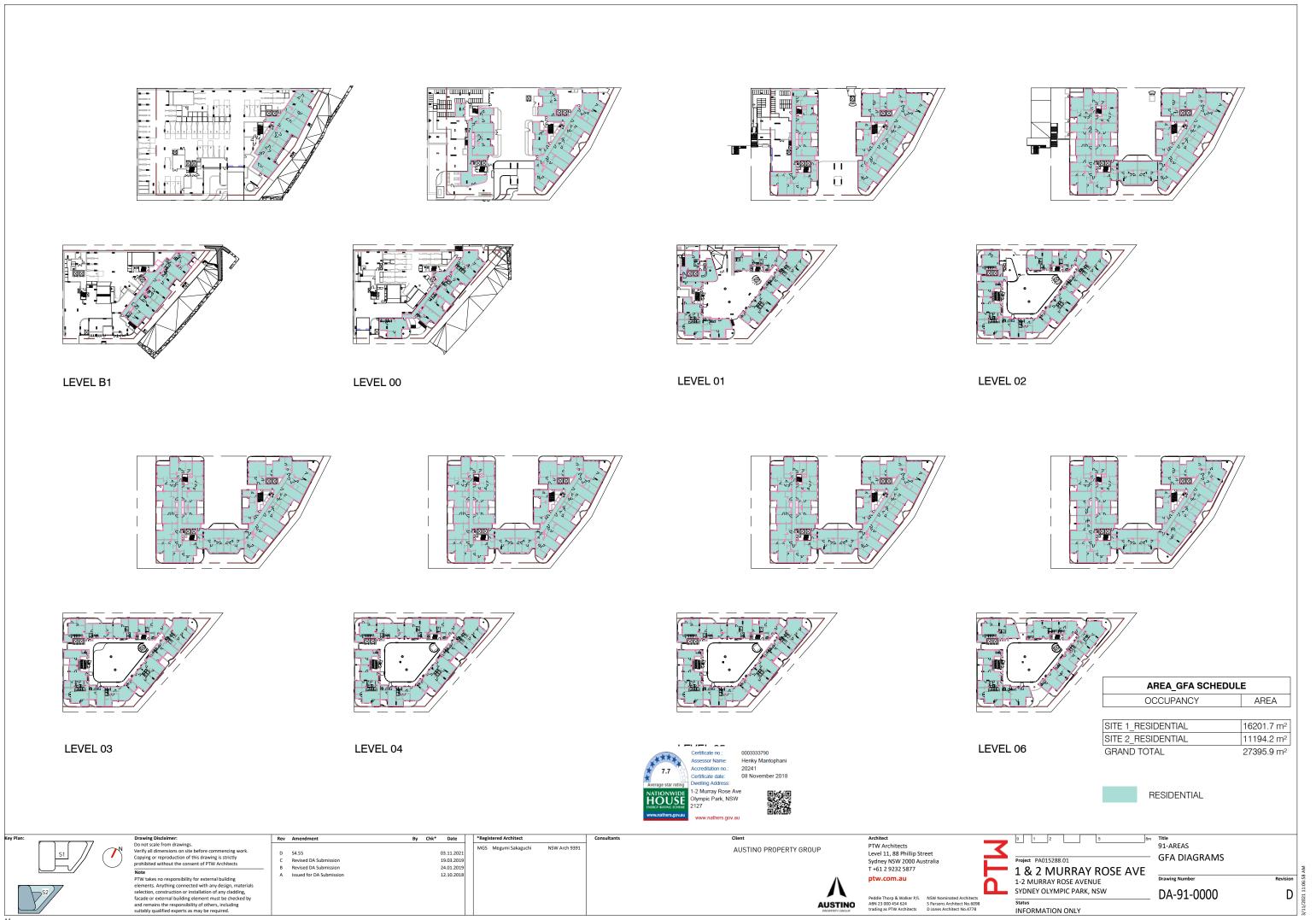


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70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 14



A1



A1



21 JUN 08:00



21 JUN 10:00



S4.55 Revised DA Submission Revised DA Submission Issued for DA Submission

03.11.2021 17.05.2019 19.03.2019 12.10.2018

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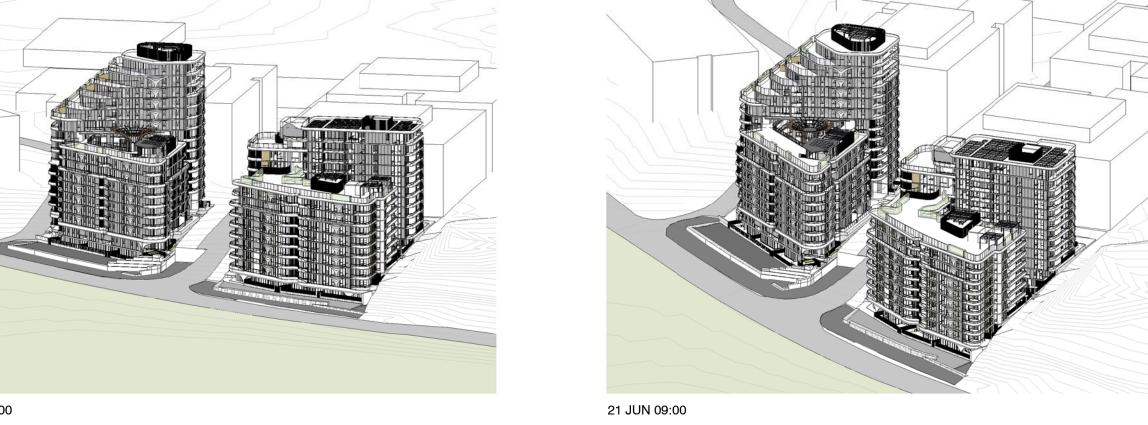
Peddle Thorp & Walker P/L
ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778

1&2 MURRAY ROSE

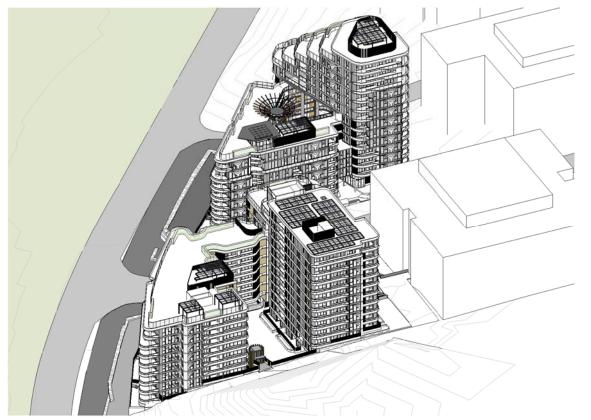
1 MURRAY ROSE AVENUE SYDNEY
OLYMPIC PARK, NSW

DEVELOPMENT APPLICATION

Title 93-SOLAR ACCESS SOLAR SUN EYE VIEWS







21 JUN 12:00



21 JUN 14:00



21 JUN 13:00



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S4.55 Revised DA Submission Revised DA Submission Issued for DA Submission

NSW Arch 9391

03.11.2021 17.05.2019 19.03.2019 12.10.2018

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trading as PTW Architects D Jones Architect No.4778

1&2 MURRAY ROSE

1 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

DEVELOPMENT APPLICATION

Title 93-SOLAR ACCESS SOLAR SUN EYE VIEWS



21 JUN 16:00



20241



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trading as PTW Architects D Jones Architect No.4778

**1&2 MURRAY ROSE** 1 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

Title 93-SOLAR ACCESS SOLAR SUN EYE VIEWS

DA-93-0101

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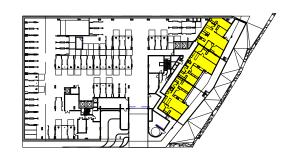
S4.55 Revised DA Submission Revised DA Submission Issued for DA Submission

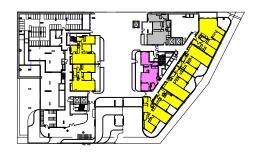
03.11.2021 17.05.2019 19.03.2019 12.10.2018

NSW Arch 9391

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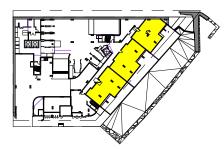
DEVELOPMENT APPLICATION

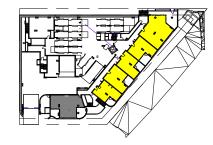












-2 Murray Rose Ave Olympic Park, NSW 2127 HOUSE

LEVEL B1 - 6/6

LEVEL 00 - 9AM-3PM 12/15 - 8AM-4PM 13/15

LEVEL 01 - 9AM-3PM 17/24 - 8AM-4PM 18/24

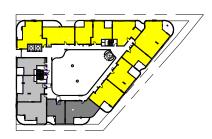
LEVEL 02 - 9AM-3PM 21/33 - 8AM-4PM 24/33

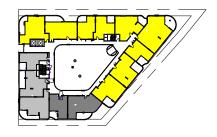


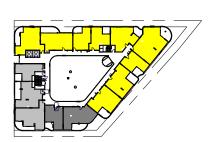


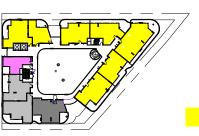












Y COMPLIANT 9AM-3PM ADDITIONAL 2HRS SOLAR

LEVEL 03 - 9AM-3PM 23/34 - 8AM-4PM 26/34

LEVEL 04 - 9AM-3PM 23/34 - 8AM-4PM 26/34

LEVEL 05 - 9AM-3PM 23/34 - 8AM-4PM 26/34

LEVEL 06 - 9AM-3PM 20/29 - 8AM-4PM 23/29

N NON COMPLIANT

NS NO SOLAR

8AM - 4PM

T1 - SOLAR ACCESS YIELD - 9AM TO 3PM				-	T1 - SOL	AR ACCESS	YIELD - 8AM	1 TO 4PM	
	0HRS	<2HRS	>2HRS	% / TOTAL	(	OHRS	<2HRS	>2HRS	% / TOTAL
	4.2%	22.8%	73.1%	100%	4.2	%	9.6%	86.2%	100%
	7	38	122	167	7		16	144	167

T2 - SOL	T2 - SOLAR ACCESS YIELD - 9AM TO 3PM			T2 - SOLAR ACCESS YIELD - 8AM TO 4PM			
0HRS	<2HRS	>2HRS	% / TOTAL	0HRS	<2HRS	>2HRS	% / TOTAL
	~~~					$\sim$	
8.8%	24.8%	66.4%	100%	8.8%	21.6%	69.6%	100%
11	31	83	125	11	27	87 }	125
					•	$\overline{}$	

TOTAL - SOLAR ACCESS YIELD - 9AM TO 3PM				TOTAL - SOLAR ACCESS YIELD - 8AM TO 4PM			
0HRS	<2HRS	>2HRS	% / TOTAL	0HRS	<2HRS	>2HRS	% / TOTAL
	\sim					<i>-</i> Λ-Λ	
6.1%	23.5%	70.2%	100%	6.1%	14.7%	79.1%	100%
18	69	205	292	18	43	231	292
		(~ ~ ~					$\overline{}$



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8.		
MGS	Megumi Sakaguchi	NSW Arch 9391

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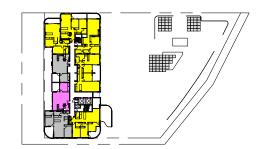
_<	
_	Project PA015288.01
	1 & 2 MURRAY ROSE AV
	1-2 MURRAY ROSE AVENUE
ш	SYDNEY OF YMPIC PARK, NSW

Title 93-SOLAR ACCESS — SOLAR ACCESS COMPLIANCE DIAGRAM

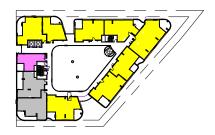
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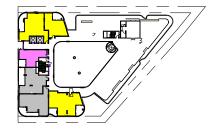


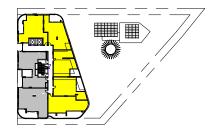


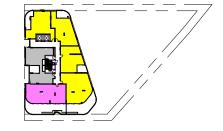












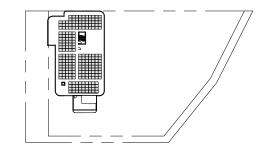
LEVEL 07 - 9AM-3PM 22/29 - 8AM-4PM 25/29

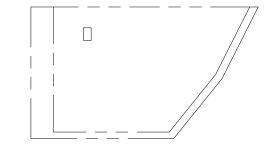
LEVEL 08 - 9AM-3PM 9/15 - 8AM-4PM 12/15

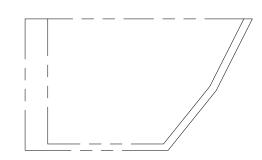
LEVEL 09 - 9AM-3PM 10/15 - 8AM-4PM 11/15

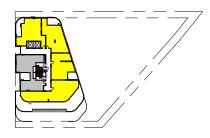
LEVEL 10 - 9AM-3PM 8/11 - 8AM-4PM 10/11

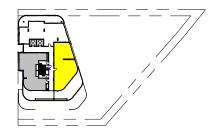


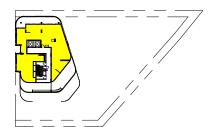


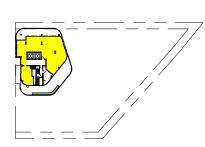












LEVEL 11 - 7/8

LEVEL 12 - 2/3

LEVEL 13 - 1/1

LEVEL 14 - 1/1



0003333790 Henky Mantophani 20241 08 November 2018

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Y COMPLIANT 9AM-3PM

ADDITIONAL 2HRS SOLAR
8AM - 4PM

N NON COMPLIANT

NS NO SOLAR

Key Plan:

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l materials		

	03.11.2021
ed DA Submission	17.05.2019
ed DA Submission	19.03.2019
for DA Submission	12.10.2018

*Registered Architect					
MGS	Megumi Sakaguchi	NSW Arch 9391			



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S Parsons Architect No.6098
Jones Architect No.4778

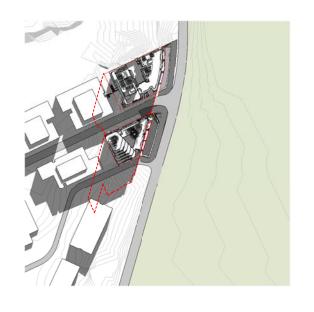


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Jem Title
93-SOLAR ACCESS
SOLAR ACCESS COMPLIANCE
DIAGRAM
Drawing Number
Rev



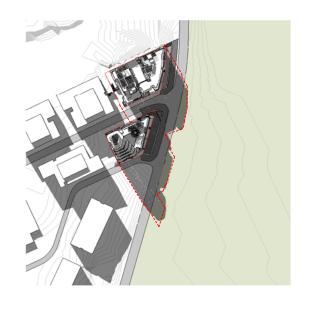


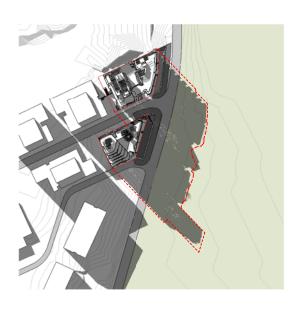




21 JUN 09:00 21 JUN 10:00 21 JUN 11:00 21 JUN 12:00







21 JUN 13:00 21 JUN 14:00 21 JUN 15:00



SITE BOUNDARY
SEPP ENVELOPE SHADOW



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5 03.11.2021 Sed DA Submission 19.03.2019 Review 29.10.2018

MGS Megumi Sakaguchi NSW Arch 9391

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trading as PTW Architects
D Jones Architect No.4778



Project Project Number

1&2 MURRAY ROSE

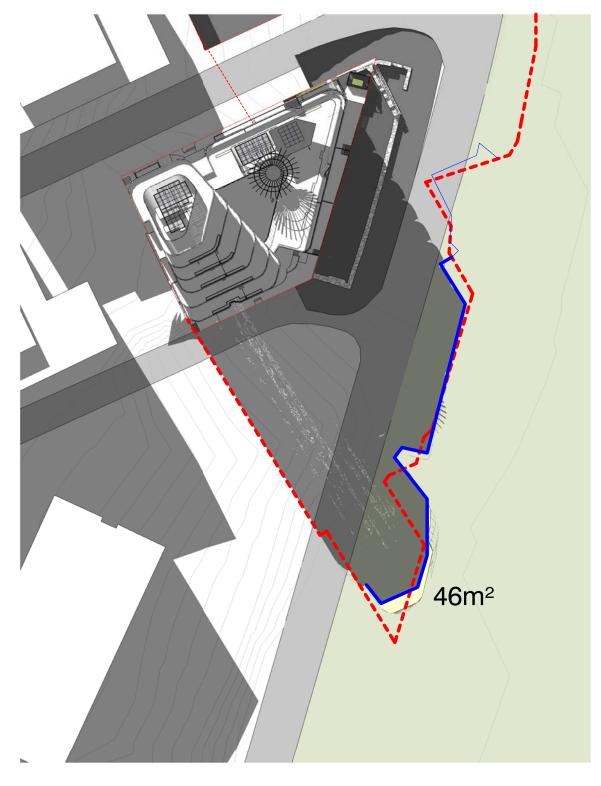
1 MURRAY ROSE AVENUE SYDNEY
OLYMPIC PARK, NSW

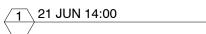
DEVELOPMENT APPLICATION

93-SOLAR ACCESS
SHADOW DIAGRAMS

DA-93-0400

0400



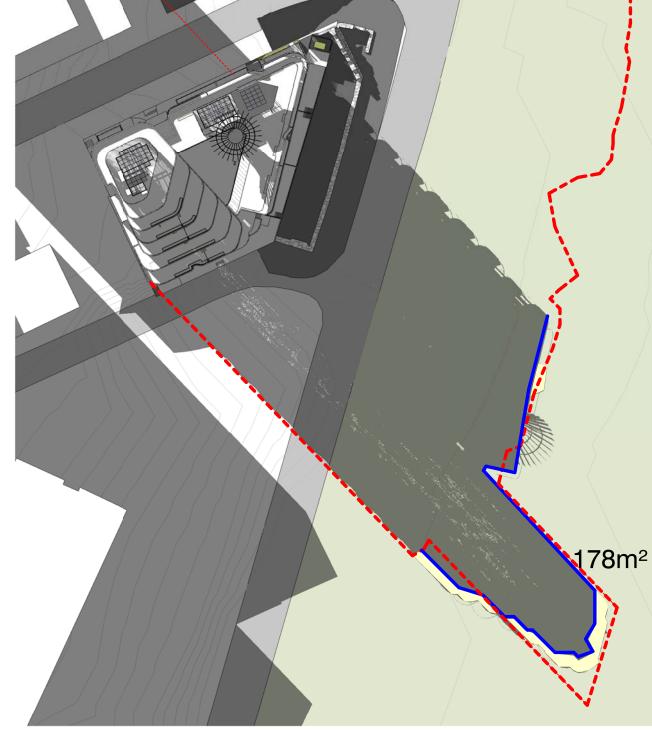




Assessor Name: Certificate date: welling Address 1-2 Murray Rose Ave Olympic Park, NSW 2127

Henky Mantophani

2 21 JUN 15:00



SITE BOUNDARY SEPP ENVELOPE SHADOW APPROVED DA ENVELOPE SHADOW ADDITIONAL SHADOW FROM APPROVED DA





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1&2 MURRAY ROSE 1 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

DEVELOPMENT APPLICATION

Title 93-SOLAR ACCESS SHADOW COMPARISON DIAGRAMS -S2





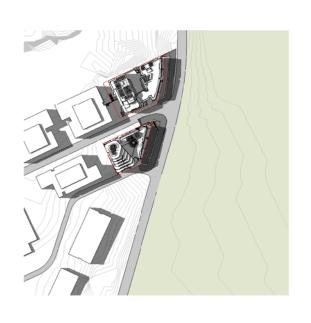




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SITE BOUNDARY SEPP ENVELOPE SHADOW



Drawing Discounters

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03.11.2021 19.03.2019 29.10.2018

AUSTINO PROPERTY GROUP

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AUSTINO

Peddle Thorp & Walker P/L
ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778



1&2 MURRAY ROSE

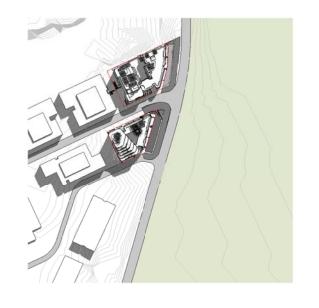
1 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

DEVELOPMENT APPLICATION

Title 93-SOLAR ACCESS SHADOW DIAGRAMS





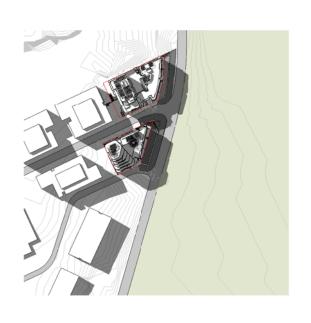




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1 MURRAY ROSE AVENUE SYDNEY
OLYMPIC PARK, NSW

DEVELOPMENT APPLICATION

Title 93-SOLAR ACCESS SHADOW DIAGRAMS



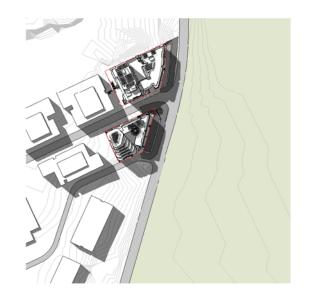


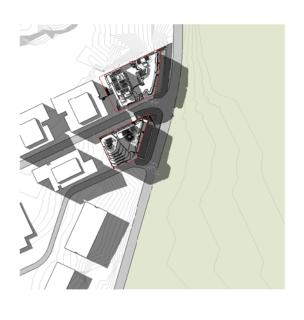




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1&2 MURRAY ROSE

1 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

DEVELOPMENT APPLICATION

Title 93-SOLAR ACCESS SHADOW DIAGRAMS



S2 CENTRAL COURTYARD VIEW TOWARDS EAST



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1 & 2 MURRAY ROSE AVE

1-2 MURRAY ROSE AVENUE

SYDNEY OLYMPIC PARK, NSW

Title 97-PERSPECTIVE VIEWS PERSPECTIVE 3

DA-97-0300

Henky Mantophani 20241 08 November 2018



S2 CENTRAL COURTYARD VIEW TOWARDS WEST



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Note
PTW takes no responsibility for external building
elements. Anything connected with any design, materials
selection, construction or installation of any cladding,
facade or external building element must be checked by
and remains the responsibility of others, including
suitably qualified experts as may be required.

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Present Architect No.4778

Diones Architect No.4778



1 & 2 MURRAY ROSE AVE

1-2 MURRAY ROSE AVENUE

SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

Title 97-PERSPECTIVE VIEWS PERSPECTIVE 4

1-2 Murray Rose Ave Olympic Park, NSW 2127

0003333790 Henky Mantophani 20241 08 November 2018

DA-97-0400



Building Sustainability Index www.basix.nsw.gov.au

Multi Dwelling

Certificate number: 972037M_03

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

BASIX

Date of issue: Wednesday, 10 November 2021

To be valid, this certificate must be lodged within 3 months of the date of issue.



Project summary	
Project name	1 & 2 Murray Rose Ave, Sydney Olympi_03
Street address	1 & 2 Murray Rose Avenue Sydney Olympic Park 2127
Local Government Area	Parramatta City Council
Plan type and plan number	deposited 1185060
Lot no.	2
Section no.	-
No. of residential flat buildings	1
No. of units in residential flat buildings	125
No. of multi-dwelling houses	0
No. of single dwelling houses	0
Project score	
Water	✓ 60 Target 40
Thermal Comfort	✓ Pass Target Pass
Energy	✓ 43 Target 25

If any changes to this BASIX certificate are required, please contact EEG with following details:

- Project reference: 2 Murray Rose Avenue, Sydney Olympic Park 2127

- Contact number: 0430 108 801

Certificate Prepared by
Name / Company Name: Eco Engineering Group
ABN (if applicable): 11153980842

Planning, Industry & Environment www.basix.nsw.gov.au Version: 3.0 / DARWINIA_3_18_5 Certificate No.: 972037M_03 Wednesday, 10 November 2021 page 1/21

Description of project

BASIX

Project address	
Project name	1 & 2 Murray Rose Ave, Sydney Olympi_03
Street address	1 & 2 Murray Rose Avenue Sydney Olympic Park 2127
Local Government Area	Parramatta City Council
Plan type and plan number	deposited 1185060
Lot no.	2
Section no.	-
Project type	
No. of residential flat buildings	1
No. of units in residential flat buildings	125
No. of multi-dwelling houses	0
No. of single dwelling houses	0
Site details	
Site area (m²)	6453
Roof area (m²)	1390
Non-residential floor area (m²)	0.0
Residential car spaces	124
Non-residential car spaces	2

Common area landscape		
Common area lawn (m²)	289.0	
Common area garden (m²)	1463.0	
Area of indigenous or low water use species (m²)	1463.0	
Assessor details		
Assessor number	20241	
Certificate number	0003333790	
Climate zone	56	
Ceiling fan in at least one bedroom	No	
Ceiling fan in at least one living room or other conditioned area	No	
Project score		
Water	✓ 60	Target 40
Thermal Comfort	✓ Pass	Target Pass
Energy	✓ 43	Target 25

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Description of project

The tables below describe the dwellings and common areas within the project

Residential flat buildings - Building 2, 125 dwellings, 16 storeys above ground

Dwelling no.	No. of hedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & Iawn (m²)	Indigenous species (min area m²)
2000	13	101.0	0.0	0.0	0.0
2000	62	93.0	0.0	0.0	0.0
2010	51	48.0	0.0	0.0	0.0
2011	02	72.0	0.0	0.0	0.0
2020	53	112.0	0.0	0.0	0.0
2021	01	52.0	0.0	0.0	0.0
2030	22	76.0	0.0	0.0	0.0
2030	71	48.0	0.0	0.0	0.0
2031	22	83.0	0.0	0.0	0.0
2040	31	48.0	0.0	0.0	0.0
2040	82	77.0	0.0	0.0	0.0
2041	32	72.0	0.0	0.0	0.0
2050	41	49.0	0.0	0.0	0.0
2050	92	77.0	0.0	0.0	0.0
2051	41	49.0	0.0	0.0	0.0
2060	53	120.0	0.0	0.0	0.0
2061	02	72.0	0.0	0.0	0.0
2070	42	75.0	0.0	0.0	0.0

BASIX

Dwelling no.	No. of bedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & Iawn (m²)	Indigenous species (min area m²)
2000	21	55.0	0.0	0.0	0.0
2010	11	52.0	0.0	0.0	0.0
2010	62	77.0	0.0	0.0	0.0
2020	12	83.0	0.0	0.0	0.0
2020	61	48.0	0.0	0.0	0.0
2021	12	83.0	0.0	0.0	0.0
2030	31	48.0	0.0	0.0	0.0
2030	82	77.0	0.0	0.0	0.0
2031	32	72.0	0.0	0.0	0.0
2040	41	49.0	0.0	0.0	0.0
2040	92	77.0	0.0	0.0	0.0
2041	41	49.0	0.0	0.0	0.0
2050	52	73.0	0.0	0.0	0.0
2051	02	82.0	0.0	0.0	0.0
2060	12	79.0	0.0	0.0	0.0
2060	62	72.0	0.0	0.0	0.0
2061	11	49.0	0.0	0.0	0.0
2070	53	113.0	0.0	0.0	0.0

Dwelling no.	No. of hedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & lawn (m²)	Indigenous species (min area m²)
2000	31	55.0	0.0	0.0	0.0
2010	22	76.0	0.0	0.0	0.0
2010	72	77.0	0.0	0.0	0.0
2020	21	48.0	0.0	0.0	0.0
2020	72	77.0	0.0	0.0	0.0
2021	22	72.0	0.0	0.0	0.0
2030	41	49.0	0.0	0.0	0.0
2030	92	77.0	0.0	0.0	0.0
2031	41	49.0	0.0	0.0	0.0
2040	52	73.0	0.0	0.0	0.0
2041	02	82.0	0.0	0.0	0.0
2050	12	79.0	0.0	0.0	0.0
2050	63	112.0	0.0	0.0	0.0
2051	11	52.0	0.0	0.0	0.0
2060	21	55.0	0.0	0.0	0.0
2060	73	92.0	0.0	0.0	0.0
2070	12	79.0	0.0	0.0	0.0
2070	62	72.0	0.0	0.0	0.0

Dwelling no.	No. of hedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & lawn (m²)	Indigenous species (min area m²)
2000	41	55.0	0.0	0.0	0.0
2010	32	73.0	0.0	0.0	0.0
2010	82	93.0	0.0	0.0	0.0
2020	31	49.0	0.0	0.0	0.0
2020	82	77.0	0.0	0.0	0.0
2021	31	49.0	0.0	0.0	0.0
2030	52	73.0	0.0	0.0	0.0
2031	02	82.0	0.0	0.0	0.0
2040	12	79.0	0.0	0.0	0.0
2040	63	112.0	0.0	0.0	0.0
2041	11	52.0	0.0	0.0	0.0
2050	22	76.0	0.0	0.0	0.0
2050	71	48.0	0.0	0.0	0.0
2051	22	83.0	0.0	0.0	0.0
2060	32	78.0	0.0	0.0	0.0
2060	82	92.0	0.0	0.0	0.0
2070	21	55.0	0.0	0.0	0.0
2070	72	84.0	0.0	0.0	0.0

Dwelling no.	No. of hedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & Iawn (m²)	Indigenous species (min area m²)
2000	51	55.0	0.0	0.0	0.0
2010	43	112.0	0.0	0.0	0.0
2010	92	83.0	0.0	0.0	0.0
2020	42	73.0	0.0	0.0	0.0
2020	92	82.0	0.0	0.0	0.0
2030	12	79.0	0.0	0.0	0.0
2030	63	112.0	0.0	0.0	0.0
2031	11	52.0	0.0	0.0	0.0
2040	22	76.0	0.0	0.0	0.0
2040	71	48.0	0.0	0.0	0.0
2041	22	83.0	0.0	0.0	0.0
2050	31	48.0	0.0	0.0	0.0
2050	82	77.0	0.0	0.0	0.0
2051	32	72.0	0.0	0.0	0.0
2060	42	75.0	0.0	0.0	0.0
2060	92	83.0	0.0	0.0	0.0
2070	32	73.0	0.0	0.0	0.0
2070	82	92.0	0.0	0.0	0.0

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Dwelling no.	No. of bedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & Iawn (m²)	Indigenous species (min area m²)
2070	92	83.0	0.0	0.0	0.0
2080	32	92.0	0.0	0.0	0.0
2090	22	83.0	0.0	0.0	0.0
2090	72	96.0	0.0	0.0	0.0
2100	53	113.0	0.0	0.0	0.0
2110	43	118.0	0.0	0.0	0.0
2130	or m	295.5 ore edroom		0.0	0.0

Dwelling no.	No. of bedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & lawn (m²)	Indigenous species (min area m²)
2071	02	72.0	0.0	0.0	0.0
2080	42	83.0	0.0	0.0	0.0
2090	32	76.0	0.0	0.0	0.0
2100	12	83.0	0.0	0.0	0.0
2100	62	96.0	0.0	0.0	0.0
2110	52	96.0	0.0	0.0	0.0
2140	or m	209.7 ore edroom		0.0	0.0

Dwelling no.	No. of hedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & lawn (m²)	Indigenous species (min area m²)
2071	11	49.0	0.0	0.0	0.0
2080	52	72.0	0.0	0.0	0.0
2090	42	74.0	0.0	0.0	0.0
2100	22	83.0	0.0	0.0	0.0
2110	12	83.0	0.0	0.0	0.0
2120	13	131.0	0.0	0.0	0.0
2B10	13	101.0	0.0	0.0	0.0

Dwelling no.	No. of hedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & Iawn (m²)	Indigenous species (min area m²)
2080	12	83.0	0.0	0.0	0.0
2080	61	49.0	0.0	0.0	0.0
2090	52	84.0	0.0	0.0	0.0
2100	32	76.0	0.0	0.0	0.0
2110	22	83.0	0.0	0.0	0.0
2120	23	129.0	0.0	0.0	0.0
2B10	23	116.0	0.0	0.0	0.0

Dwelling no.	No. of bedrooms	Conditioned floor area (m²)	Unconditioned floor area (m²)	Area of garden & lawn (m²)	Indigenous species (min area m²)
2080	21	55.0	0.0	0.0	0.0
2090	12	83.0	0.0	0.0	0.0
2090	63	106.0	0.0	0.0	0.0
2100	43	111.0	0.0	0.0	0.0
2110	32	76.0	0.0	0.0	0.0
2120	33	111.0	0.0	0.0	0.0
2B10	33	116.0	0.0	0.0	0.0

BASIX

Version: 3.0 / DARWINIA_3_18_5

Wednesday, 10 November 2021

Certificate No.: 972037M_03

Description of project

BASIX

The tables below describe the dwellings and common areas within the project

Common areas of unit building - Building 2

Common area	Floor area (m²)
Car park area - Building 2	5107.0
Switch rooms - Building 2	64.0
Ground floor lobby - Building 2	102.0

Common area	Floor area (m²)
Lift car (No.1)	-
Garbage rooms - Building 2	47.0
Upper level corridors - Building 2	260.0

Common area	Floor area (m²)
Lift car (No.2)	-
Plant or service rooms - Building 2	529.0

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Schedule of BASIX commitments

- 1. Commitments for Residential flat buildings Building 2
 - (a) Dwellings
 - (i) Water
 - (ii) Energy
 - (iii) Thermal Comfort
 - (b) Common areas and central systems/facilities
 - (i) Water
 - (ii) Energy
- 2. Commitments for multi-dwelling houses
- 3. Commitments for single dwelling houses
- 4. Commitments for common areas and central systems/facilities for the development (non-building specific)
 - (i) Water
 - (ii) Energy

BASIX

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Schedule of BASIX commitments

The commitments set out below regulate how the proposed development is to be carried out. It is a condition of any development consent granted, or complying development certificate issued, for the proposed development, that BASIX commitments be complied with.

1. Commitments for Residential flat buildings - Building 2

(a) Dwellings

BASIX

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifie check
(a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.			
(b) The applicant must plant indigenous or low water use species of vegetation throughout the area of land specified for the dwelling in the "Indigenous species" column of the table below, as private landscaping for that dwelling. (This area of indigenous vegetation is to be contained within the "Area of garden and lawn" for the dwelling specified in the "Description of Project" table).	~	~	
(c) If a rating is specified in the table below for a fixture or appliance to be installed in the dwelling, the applicant must ensure that each such fixture and appliance meets the rating specified for it.		~	~
(d) The applicant must install an on demand hot water recirculation system which regulates all hot water use throughout the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below.		~	V
(e) The applicant must install:			
(aa) a hot water diversion system to all showers, kitchen sinks and all basins in the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below; and		✓	-
(bb) a separate diversion tank (or tanks) connected to the hot water diversion systems of at least 100 litres. The applicant must connect the hot water diversion tank to all toilets in the dwelling.		✓	-
(e) The applicant must not install a private swimming pool or spa for the dwelling, with a volume exceeding that specified for it in the table below.	V	~	
(f) If specified in the table, that pool or spa (or both) must have a pool cover or shading (or both).		✓	
(g) The pool or spa must be located as specified in the table.	V	✓	
(h) The applicant must install, for the dwelling, each alternative water supply system, with the specified size, listed for that dwelling in the table below. Each system must be configured to collect run-off from the areas specified (excluding any area which supplies any other alternative water supply system), and to divert overflow as specified. Each system must be connected as specified.	~	~	V

Planning, Industry & Environment www.basix.nsw.gov.au Version: 3.0 / DARWINIA_3_18_5 Certificate No.: 972037M_03 Wednesday, 10 November 2021 page 7/21

	Fixtures				Appliances Individ			vidual pool		Individual spa				
Dwelling no.	All shower- heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish- washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
All dwellings	3 star (> 4.5 but <= 6 L/min)	4 star	6 star	6 star	no	4 star	6 star	-	-	-	-	-	-	-

		Alternative water source								
Dwelling no.	Alternative water supply systems	Size	Configuration	Landscape connection	Toilet connection (s)	Laundry connection	Pool top-up	Spa top-up		
All dwellings	central water tank (no. 2)	See central systems	See central systems	no	yes	yes	no	no		
None	-	-	-	-	-	-	-	-		

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.			
(b) The applicant must install each hot water system specified for the dwelling in the table below, so that the dwelling's hot water is supplied by that system. If the table specifies a central hot water system for the dwelling, then the applicant must connect that central system to the dwelling, so that the dwelling's hot water is supplied by that central system.	~	~	~
(c) The applicant must install, in each bathroom, kitchen and laundry of the dwelling, the ventilation system specified for that room in the table below. Each such ventilation system must have the operation control specified for it in the table.		~	V
(d) The applicant must install the cooling and heating system/s specified for the dwelling under the "Living areas" and "Bedroom areas" headings of the "Cooling" and "Heating" columns in the table below, in/for at least 1 living/bedroom area of the dwelling. If no cooling or heating system is specified in the table for "Living areas" or "Bedroom areas", then no systems may be installed in any such areas. If the term "zoned" is specified beside an air conditioning system, then the system must provide for day/night zoning between living areas and bedrooms.		~	~
(e) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Artificial lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that the "primary type of artificial lighting" for each such room in the dwelling is fluorescent lighting or light emitting diode (LED) lighting. If the term "dedicated" is specified for a particular room or area, then the light fittings in that room or area must only be capable of being used for fluorescent lighting or light emitting diode (LED) lighting.		~	~

BASIX

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(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(f) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Natural lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that each such room or area is fitted with a window and/or skylight.	~	~	~
(g) This commitment applies if the applicant installs a water heating system for the dwelling's pool or spa. The applicant must:			
(aa) install the system specified for the pool in the "Individual Pool" column of the table below (or alternatively must not install any system for the pool). If specified, the applicant must install a timer, to control the pool's pump; and		~	
(bb) install the system specified for the spa in the "Individual Spa" column of the table below (or alternatively must not install any system for the spa). If specified, the applicant must install a timer to control the spa's pump.		•	
(h) The applicant must install in the dwelling:			
(aa) the kitchen cook-top and oven specified for that dwelling in the "Appliances & other efficiency measures" column of the table below;		•	
(bb) each appliance for which a rating is specified for that dwelling in the "Appliances & other efficiency measures" column of the table, and ensure that the appliance has that minimum rating; and		~	V
(cc) any clothes drying line specified for the dwelling in the "Appliances & other efficiency measures" column of the table.		•	
(i) If specified in the table, the applicant must carry out the development so that each refrigerator space in the dwelling is "well ventilated".		V	

	Hot water	Bathroom ven	tilation system	Kitchen vent	ilation system	Laundry vent	ilation system
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
All dwellings	central hot water system 2	individual fan, ducted to façade or roof	interlocked to light	individual fan, ducted to façade or roof	interlocked to light	individual fan, ducted to façade or roof	interlocked to light

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	Coo	ling	Hea	ting			Artificial	lighting			Natural lig	ghting
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitcher
All dwellings	1-phase airconditioning EER 3.5 - 4.0	airconditioning ducting only	1-phase airconditioning EER 3.5 - 4.0	airconditioning ducting only	2 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	-

	Individual pool Individual spa			ра	Appliances & other efficiency measures							
Dwelling no.	Pool heating system	Timer	Spa heating system	Timer	Kitchen cooktop/oven	Refrigerator	Well ventilated fridge space	Dishwasher	Clothes washer	Clothes dryer	Indoor or sheltered clothes drying line	Private outdoor or unsheltered clothes drying line
All dwellings	-	-	-	-	gas cooktop & electric oven	-	-	4.5 star	-	4.5 star	yes	-

(iii) Thermal Comfort	Show on DA plans	Show on CC/CDC plans & specs	Certifie check
(a) The applicant must attach the certificate referred to under "Assessor details" on the front page of this BASIX certificate (the "Assessor Certificate") to the development application and construction certificate application for the proposed development (or, if the applicant is applying for a complying development certificate for the proposed development, to that application). The applicant must also attach the Assessor Certificate to the application for a final occupation certificate for the proposed development.			
(b) The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.			
(c) The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX Certificate, including the details shown in the "Thermal Loads" table below.			
(d) The applicant must show on the plans accompanying the development application for the proposed development, all matters which the Thermal Comfort Protocol requires to be shown on those plans. Those plans must bear a stamp of endorsement from the Accredited Assessor, to certify that this is the case.	~		
(e) The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), all thermal performance specifications set out in the Assessor Certificate, and all aspects of the proposed development which were used to calculate those specifications.		~	

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Show on DA plans	Show on CC/CDC plans & specs	Certifier check
	~	~
-	~	V
-	~	V
	DA plans	DA plans plans & specs

	Thermal loads			
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)		
20001	8.9	15.4		
20002	5.4	15.7		
20005	7.8	15.7		
20006	24.8	10.7		
20101	16.9	9.7		
20102	33.6	7.7		
20103	26.9	8.1		
20104	16.3	16.8		
20105	20.4	11.4		
20106	15.7	12.6		
20107	17.4	12.6		
20108	21.3	11.6		
20109	39.1	9.4		
20110	31.0	5.8		

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	Thermal loads			
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)		
20201	32.7	12.9		
20202	30.8	8.3		
20203	9.5	8.4		
20204	12.6	7.5		
20205	18.4	12.7		
20206	22.7	9.4		
20209	32.8	8.4		
20210	23.7	7.8		
20211	22.6	9.6		
20212	15.8	5.6		
20213	31.6	7.5		
20301	25.1	14.5		
20302	42.3	5.7		
20303	11.7	10.0		
20304	9.4	7.9		
20305	12.4	7.4		
20306	18.4	12.6		
20310	33.2	8.5		
20311	23.8	7.4		
20312	22.8	9.4		
20314	31.7	7.4		
20401	24.0	14.6		
20402	20.4	7.2		
20403	11.3	9.5		
20404	9.5	7.8		
20405	11.7	6.9		
20406	18.0	12.2		

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	Thermal loads			
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)		
20407	23.5	9.2		
20410	33.6	8.3		
20411	24.1	7.5		
20414	31.7	7.2		
20501	21.7	14.9		
20502	28.7	7.9		
20503	13.6	9.3		
20504	16.2	7.7		
20505	17.1	7.4		
20506	24.6	12.4		
20507	32.3	8.7		
20510	40.6	8.4		
20511	24.2	7.3		
20512	23.3	9.3		
20513	15.7	5.5		
20514	31.5	7.0		
20601	19.3	15.8		
20602	16.4	7.5		
20603	18.0	5.6		
20604	14.0	6.0		
20605	16.3	6.9		
20606	15.5	8.2		
20607	16.8	11.6		
20608	26.9	7.8		
20609	23.2	9.5		
20610	15.4	5.9		
20611	31.1	7.7		

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	Thermal loads			
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)		
20701	17.9	16.6		
20702	10.0	7.2		
20703	20.8	8.3		
20704	24.1	6.1		
20705	22.1	14.7		
20706	25.5	8.0		
20707	31.4	12.4		
20708	27.2	7.9		
20709	22.8	9.8		
20710	14.9	5.7		
20711	30.7	7.9		
20801	17.2	17.1		
20802	10.8	7.1		
20803	30.1	7.9		
20804	31.8	10.9		
20805	16.4	6.1		
20806	30.2	8.2		
20905	25.5	7.0		
20906	26.0	6.3		
20907	26.2	8.2		
21001	14.4	5.3		
21002	23.2	6.3		
21003	17.4	14.6		
21004	6.9	10.0		
21005	11.9	7.3		
21006	17.1	13.0		
21101	40.0	9.2		

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	Thermal loads			
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)		
21102	22.7	6.6		
21103	27.4	16.0		
21104	7.6	10.1		
21105	12.0	7.5		
21201	13.9	6.9		
21202	18.8	13.1		
21203	28.8	8.0		
21301	12.0	7.9		
21401	24.6	8.2		
2B101	16.4	17.8		
2B102	22.6	13.6		
2B103	17.7	13.3		
20003, 20004	4.0	16.7		
20207, 20208	18.0	9.8		
20307, 20412	23.1	9.2		
20308, 20309	18.4	9.5		
20313, 20413	15.8	5.7		
20408, 20409	18.7	9.3		
20508, 20509	20.4	9.5		
20901, 20903	17.8	13.9		
All other dwellings	7.8	9.8		

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(b) Common areas and central systems/facilities

BASIX

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a showerhead, toilet, tap or clothes washer into a common area, then that item must meet the specifications listed for it in the table.		•	V
(b) The applicant must install (or ensure that the development is serviced by) the alternative water supply system(s) specified in the "Central systems" column of the table below. In each case, the system must be sized, be configured, and be connected, as specified in the table.	~	~	~
(c) A swimming pool or spa listed in the table must not have a volume (in kLs) greater than that specified for the pool or spa in the table.	V	<u> </u>	
(d) A pool or spa listed in the table must have a cover or shading if specified for the pool or spa in the table.		•	
(e) The applicant must install each fire sprinkler system listed in the table so that the system is configured as specified in the table.		•	V
(f) The applicant must ensure that the central cooling system for a cooling tower is configured as specified in the table.		V	V

Common area	Showerheads rating	Toilets rating	Taps rating	Clothes washers rating
All common areas	no common facility	4 star	5 star	no common laundry facility

Central systems	Size	Configuration	Connection (to allow for)
Central water tank - rainwater or stormwater (No. 2)	60000.0	To collect run-off from at least: - 1112.0 square metres of roof area of buildings in the development - 1500.0 square metres of impervious area in the development - 0.0 square metres of garden/lawn area in the development - 0.0 square metres of planter box area in the development (excluding, in each case, any area which drains to, or supplies, any other alternative water supply system).	- irrigation of 667.0 square metres of common landscaped area on the site - car washing in 1 car washing bays on the site
Fire sprinkler system (No. 2)	-	So that fire sprinkler test water is contained within the fire sprinkler system for re-use, rather than disposed.	-

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(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a ventilation system to service a common area specified in the table below, then that ventilation system must be of the type specified for that common area, and must meet the efficiency measure specified.		~	~
(b) In carrying out the development, the applicant must install, as the "primary type of artificial lighting" for each common area specified in the table below, the lighting specified for that common area. This lighting must meet the efficiency measure specified. The applicant must also install a centralised lighting control system or Building Management System (BMS) for the common area, where specified.		~	~
(c) The applicant must install the systems and fixtures specified in the "Central energy systems" column of the table below. In each case, the system or fixture must be of the type, and meet the specifications, listed for it in the table.	V	~	V

Common area ventilation system			Common area lighting		
Common area	Ventilation system type	Ventilation efficiency measure	Primary type of artificial lighting	Lighting efficiency measure	Lighting control system/BMS
Car park area - Building 2	ventilation (supply + exhaust)	carbon monoxide monitor + VSD fan	light-emitting diode	motion sensors	No
Lift car (No.1)	-	-	light-emitting diode	connected to lift call button	No
Lift car (No.2)	-	-	light-emitting diode	connected to lift call button	No
Switch rooms - Building 2	ventilation (supply + exhaust)	thermostatically controlled	light-emitting diode	manual on / manual off	No
Garbage rooms - Building 2	ventilation exhaust only	-	light-emitting diode	motion sensors	No
Plant or service rooms - Building 2	ventilation (supply + exhaust)	thermostatically controlled	light-emitting diode	manual on / manual off	No
Ground floor lobby - Building 2	no mechanical ventilation	-	light-emitting diode	daylight sensor and motion sensor	No
Upper level corridors - Building 2	no mechanical ventilation	-	light-emitting diode	motion sensors	No

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Central energy systems	Туре	Specification
Central hot water system (No. 2)	gas-fired storage (manifolded)	Piping insulation (ringmain & supply risers): (a) Piping external to building: R0.75 (~32 mm); (b) Piping internal to building: R0.75 (~32 mm)
Lift (No. 1)	gearless traction with V V V F motor	Number of levels (including basement): 18
Lift (No. 2)	gearless traction with V V V F motor	Number of levels (including basement): 18

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4. Commitments for common areas and central systems/facilities for the development (non-building specific)

(b) Common areas and central systems/facilities

BASIX

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a showerhead, toilet, tap or clothes washer into a common area, then that item must meet the specifications listed for it in the table.		~	V
(b) The applicant must install (or ensure that the development is serviced by) the alternative water supply system(s) specified in the "Central systems" column of the table below. In each case, the system must be sized, be configured, and be connected, as specified in the table.	~	~	~
(c) A swimming pool or spa listed in the table must not have a volume (in kLs) greater than that specified for the pool or spa in the table.	V	~	
(d) A pool or spa listed in the table must have a cover or shading if specified for the pool or spa in the table.		~	
(e) The applicant must install each fire sprinkler system listed in the table so that the system is configured as specified in the table.		~	V
(f) The applicant must ensure that the central cooling system for a cooling tower is configured as specified in the table.		V	V

Common area	Showerheads rating	Toilets rating	Taps rating	Clothes washers rating
All common areas	no common facility	4 star	5 star	no common laundry facility

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a ventilation system to service a common area specified in the table below, then that ventilation system must be of the type specified for that common area, and must meet the efficiency measure specified.		~	~
(b) In carrying out the development, the applicant must install, as the "primary type of artificial lighting" for each common area specified in the table below, the lighting specified for that common area. This lighting must meet the efficiency measure specified. The applicant must also install a centralised lighting control system or Building Management System (BMS) for the common area, where specified.		~	~
(c) The applicant must install the systems and fixtures specified in the "Central energy systems" column of the table below. In each case, the system or fixture must be of the type, and meet the specifications, listed for it in the table.	V	~	V

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Central energy systems	Туре	Specification
Alternative energy supply	Photovoltaic system	Rated electrical output (min): 50.0 peak kW

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Notes

- 1. In these commitments, "applicant" means the person carrying out the development.
- 2. The applicant must identify each dwelling, building and common area listed in this certificate, on the plans accompanying any development application, and on the plans and specifications accompanying the application for a construction certificate / complying development certificate, for the proposed development, using the same identifying letter or reference as is given to that dwelling, building or common area in this certificate.
- 3. This note applies if the proposed development involves the erection of a building for both residential and non-residential purposes (or the change of use of a building for both residential and non-residential purposes). Commitments in this certificate which are specified to apply to a "common area" of a building or the development, apply only to that part of the building or development to be used for residential purposes.
- 4. If this certificate lists a central system as a commitment for a dwelling or building, and that system will also service any other dwelling or building within the development, then that system need only be installed once (even if it is separately listed as a commitment for that other dwelling or building).
- 5. If a star or other rating is specified in a commitment, this is a minimum rating.
- 6. All alternative water systems to be installed under these commitments (if any), must be installed in accordance with the requirements of all applicable regulatory authorities. NOTE: NSW Health does not recommend that stormwater, recycled water or private dam water be used to irrigate edible plants which are consumed raw, or that rainwater be used for human consumption in areas with potable water supply.

Legend

BASIX

- 1. Commitments identified with a " in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).
- 2. Commitments identified with a " in the "Show on CC/CDC plans and specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.
- 3. Commitments identified with a " in the "Certifier check" column must be certified by a certifying authority as having been fulfilled. (Note: a certifying authority must not issue an occupation certificate (either interim or final) for a building listed in this certificate, or for any part of such a building, unless it is satisfied that each of the commitments whose fulfilment it is required to monitor in relation to the building or part, has been fulfilled).

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Henky Mantophani 20241

1-2 Murray Rose Avenue, Olympic Park

'ANTARA' RESIDENTIAL DEVELOPMENT APPLICATION

COVER SHEET & DRAWING LIST

	DA_DRAWING LIST		
Sheet Number	Sheet Name	Current Revision	Current Revision Date
			I
DA-00-0000	DRAWING LIST	D	03.11.2021
DA-00-0100	DEVELOPMENT DATA SHEET	D	03.11.2021
DA-00-0200	SITE PLAN	Α	12.10.2018
DA-00-0300	SITE ANALYSIS PLAN	Α	12.10.2018
DA-00-0400	DEMOLITION PLAN	Α	12.10.2018
DA-00-0500	ARCHITECTURAL SITE PLAN	В	03.11.2021
DA-10-1700	GENERAL ARRANGEMENT PLANS - S1 LEVEL B3	В	24.01.2019
DA-10-1800	GENERAL ARRANGEMENT PLANS - S1 LEVEL B2	В	24.01.2019
DA-10-1900	GENERAL ARRANGEMENT PLANS - S1 LEVEL B1	D	17.05.2019
DA-10-2000	GENERAL ARRANGEMENT PLANS - S1 LEVEL 00	E	04.06.2019
DA-10-2100	GENERAL ARRANGEMENT PLANS - S1 LEVEL 01	D	17.05.2019
DA-10-2200	GENERAL ARRANGEMENT PLANS - S1 LEVEL 02	C	17.05.2019
DA-10-2300	GENERAL ARRANGEMENT PLANS - S1 LEVEL 03-05	В	17.05.2019
DA-10-2400	GENERAL ARRANGEMENT PLANS - S1 LEVEL 06	В	17.05.2019
DA-10-2500	GENERAL ARRANGEMENT PLANS - S1 LEVEL 07	В	17.05.2019
DA-10-2600	GENERAL ARRANGEMENT PLANS - S1 LEVEL 08	D	17.05.2019
DA-10-2700	GENERAL ARRANGEMENT PLANS - S1 LEVEL 09	D	17.05.2019
DA-10-2800	GENERAL ARRANGEMENT PLANS - S1 LEVEL 10	D	17.05.2019
DA-10-2900	GENERAL ARRANGEMENT PLANS - S1 LEVEL 11	D	17.05.2019
DA-10-3000	GENERAL ARRANGEMENT PLANS - S1 LEVEL 12	A	12.10.2018
DA-10-3000 DA-10-3100	GENERAL ARRANGEMENT PLANS - S1 ROOF	A	12.10.2018
DA-10-4700	GENERAL ARRANGEMENT PLANS - S2 LEVEL B3	D	03.11.2021
DA-10-4800	GENERAL ARRANGEMENT PLANS - S2 LEVEL B2	D	03.11.2021
DA-10-4900	GENERAL ARRANGEMENT PLANS - S2 LEVEL B1	E	03.11.2021
DA-10-4900 DA-10-5000	GENERAL ARRANGEMENT PLANS - S2 LEVEL 00	D	03.11.2021
DA-10-5000 DA-10-5100	GENERAL ARRANGEMENT PLANS - S2 LEVEL 01	E	03.11.2021
DA-10-5100	GENERAL ARRANGEMENT PLANS - S2 LEVEL 02	D	03.11.2021
DA-10-5200 DA-10-5300	GENERAL ARRANGEMENT PLANS - S2 LEVEL 02 GENERAL ARRANGEMENT PLANS - S2 LEVEL 03-05	D	03.11.2021
DA-10-5300 DA-10-5400	GENERAL ARRANGEMENT PLANS - S2 LEVEL 06	D	03.11.2021
DA-10-5400 DA-10-5500	GENERAL ARRANGEMENT PLANS - S2 LEVEL 07	D	03.11.2021
DA-10-5500	GENERAL ARRANGEMENT PLANS - 32 LEVEL 07	E	03.11.2021
DA-10-5000 DA-10-5700			
	GENERAL ARRANGEMENT PLANS - S2 LEVEL 19	D E	03.11.2021
DA-10-5800	GENERAL ARRANGEMENT PLANS - S2 LEVEL 10		03.11.2021
DA-10-5900	GENERAL ARRANGEMENT PLANS - S2 LEVEL 11	E	03.11.2021
DA-10-6000	GENERAL ARRANGEMENT PLANS - S2 LEVEL 12	E	03.11.2021
DA-10-6100	GENERAL ARRANGEMENT PLANS - S2 LEVEL 13	E	03.11.2021
DA-10-6200	GENERAL ARRANGEMENT PLANS - S2 LEVEL 14	E	03.11.2021
DA-10-6300	GENERAL ARRANGEMENT PLANS - S2 LEVEL 15	В	03.11.2021
DA-10-6400	GENERAL ARRANGEMENT PLANS - S2 ROOF	В	03.11.2021
DA-20-0000	ELEVATIONS-S1	С	19.03.2019
DA-20-0100	ELEVATIONS-S1	С	19.03.2019
DA-20-0200	ELEVATIONS-S1	С	19.03.2019
DA-20-0300	ELEVATIONS-S2	D	03.11.2021
DA-20-0400	ELEVATIONS-S2	D	03.11.2021
DA-20-0500	ELEVATIONS-S2	D	03.11.2021
DA-20-0600	ELEVATION-BENNELONG PARKWAY ROAD	D	03.11.2021
DA-30-0000	SECTIONS-S1	С	19.03.2019

	DA_DRAWING LIST			
Sheet Number	Sheet Name	Current Revision	Current Revision Date	
DA-30-0010	SECTIONS-S1	А	19.03.2019	
DA-30-0100	SECTIONS-S2	D	03.11.2021	
DA-30-0200	SECTIONS-S2	D	03.11.2021	
DA-30-0300	SECTIONS-S2	В	03.11.2021	
DA-31-0100	HEIGHT CONTROL ANALYSIS S1	А	19.03.2019	
DA-31-0200	HEIGHT CONTROL ANALYSIS S2	В	03.11.2021	
DA-40-0000	FACADE FINISH SCHEDULE-S1	В	24.01.2019	
DA-40-0100	FACADE FINISH SCHEDULE-S2	С	03.11.2021	
DA-40-0200	FACADE FINISH SCHEDULE-S2 CENTRAL COURTYARD	В	03.11.2021	
DA-50-1000	ADAPTABLE UNITS-S1	Α	12.10.2018	
DA-50-1001	ADAPTABLE UNITS-S1	Α	12.10.2018	
DA-50-1100	SILVER LIVABLE UNITS-S1	Α	12.10.2018	
DA-50-1200	VISITABLE UNITS-S1	В	19.03.2019	
DA-50-2000	ADAPTABLE UNITS-S2	В	03.11.2021	
DA-50-2001	ADAPTABLE UNITS-S2	В	03.11.2021	
DA-50-2100	SILVER LIVABLE UNITS-S2	В	03.11.2021	
DA-50-2200	VISITABLE UNITS-S2	В	03.11.2021	
DA-70-0000	STORAGE SCHEDULE S1	Α	19.03.2019	
DA-70-0100	STORAGE SCHEDULE S2	В	03.11.2021	
DA-70-1000	STORAGE PLAN - S1 LEVEL B3	Α	19.03.2019	
DA-70-1100	STORAGE PLAN - S1 LEVEL B2	Α	19.03.2019	
DA-70-1200	STORAGE PLAN - S1 LEVEL B1	Α	19.03.2019	
DA-70-1300	STORAGE PLAN - S1 LEVEL 00	Α	19.03.2019	
DA-70-1400	STORAGE PLAN - S1 LEVEL 01	Α	19.03.2019	
DA-70-1500	STORAGE PLAN - S1 LEVEL 02	Α	19.03.2019	
DA-70-1600	STORAGE PLAN - S1 LEVEL 03-05	Α	19.03.2019	
DA-70-1700	STORAGE PLAN - S1 LEVEL 06	Α	19.03.2019	
DA-70-1800	STORAGE PLAN - S1 LEVEL 07	Α	19.03.2019	
DA-70-1900	STORAGE PLAN - S1 LEVEL 08	Α	19.03.2019	
DA-70-2000	STORAGE PLAN - S1 LEVEL 09	Α	19.03.2019	
DA-70-2100	STORAGE PLAN - S1 LEVEL 10	Α	19.03.2019	
DA-70-2200	STORAGE PLAN - S1 LEVEL 11	Α	19.03.2019	
DA-70-2300	STORAGE PLAN - S2 LEVEL B3	В	03.11.2021	
DA-70-2400	STORAGE PLAN - S2 LEVEL B2	В	03.11.2021	
DA-70-2500	STORAGE PLAN - S2 LEVEL B1	В	03.11.2021	
DA-70-2600	STORAGE PLAN - S2 LEVEL 00	В	03.11.2021	
DA-70-2700	STORAGE PLAN - S2 LEVEL 01	В	03.11.2021	
DA-70-2800	STORAGE PLAN - S2 LEVEL 02	В	03.11.2021	
DA-70-2900	STORAGE PLAN - S2 LEVEL 03 - 05	В	03.11.2021	
DA-70-3000	STORAGE PLAN - S2 LEVEL 06	В	03.11.2021	
DA-70-3100	STORAGE PLAN - S2 LEVEL 07	В	03.11.2021	
DA-70-3200	STORAGE PLAN - S2 LEVEL 08	В	03.11.2021	
DA-70-3300	STORAGE PLAN - S2 LEVEL 09	В	03.11.2021	
DA-70-3400	STORAGE PLAN - S2 LEVEL 10	В	03.11.2021	
DA-70-3500	STORAGE PLAN - S2 LEVEL 11	В	03.11.2021	
DA-70-3600	STORAGE PLAN - S2 LEVEL 12	В	03.11.2021	
DA-70-3700	STORAGE PLAN - S2 LEVEL 13	В	03.11.2021	

	DA_DRAWING LIST				
Sheet		Current	Current		
Number	Sheet Name	Revision	Revision Date		
DA-70-3800	STORAGE PLAN - S2 LEVEL 14	В	03.11.2021		
DA-91-0000	GFA DIAGRAMS	D	03.11.2021		
DA-91-0100	GFA DIAGRAMS	D	03.11.2021		
DA-93-0000	SOLAR SUN EYE VIEWS	D	03.11.2021		
DA-93-0100	SOLAR SUN EYE VIEWS	D	03.11.2021		
DA-93-0101	SOLAR SUN EYE VIEWS	D	03.11.2021		
DA-93-0200	SOLAR ACCESS COMPLIANCE DIAGRAM	D	03.11.2021		
DA-93-0300	SOLAR ACCESS COMPLIANCE DIAGRAM	D	03.11.2021		
DA-93-0400	SHADOW DIAGRAMS	С	03.11.2021		
DA-93-0401	SHADOW COMPARISON DIAGRAMS -S2	А	03.11.2021		
DA-93-0500	SHADOW DIAGRAMS	С	03.11.2021		
DA-93-0600	SHADOW DIAGRAMS	С	03.11.2021		
DA-93-0700	SHADOW DIAGRAMS	С	03.11.2021		
DA-93-0800	S2 CENTRAL COURTYARD_21 MARCH	А	12.10.2018		
DA-93-0900	S2 CENTRAL COURTYARD_21 JUNE	А	12.10.2018		
DA-93-1000	S2 CENTRAL COURTYARD_22 SEPTEMBER	А	12.10.2018		
DA-93-1100	S2 CENTRAL COURTYARD_22 DECEMBER	А	12.10.2018		
DA-94-0000	CROSS VENTILATION COMPLIANCE DIAGRAM	В	19.03.2019		
DA-97-0100	PERSPECTIVE 1	А	12.10.2018		
DA-97-0200	PERSPECTIVE 2	А	12.10.2018		
DA-97-0300	PERSPECTIVE 3	В	03.11.2021		
DA-97-0400	PERSPECTIVE 4	В	03.11.2021		





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03.11.2021 17.05.2019 19.03.2019 12.10.2018 Revised DA Submission

AUSTINO PROPERTY GROUP

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Peddle Thorp & Walker P/L
ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778



1 & 2 MURRAY ROSE AVE 1-2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

DRAWING LIST

DA-00-0000

Title
00-GENERAL INFORMATION

PROJECT INFORMATION

SITE INFORMATION

Site Area:

6,453 m² (1 Murray Rose: 3931m2; 2 Murray Rose: 2522m2)

Awarded by SOPA Design Competition Panel with GFA total of 27,396 sqm Design Excellence:

	Ar	ea Schedule (DEEP SOI	L)
Deep So	il Area *	Site Area	Percentage
T1			
DS	269.0m ²	3931m²	6.8%
DPS	202.0m ²		5.1%
TOTAL	471.0m ²		11.98%
T2		J.	
DS	315.0 m ²	2522m²	12.5%
DPS	184.0 m ²		7.3%
TOTAL	499.0m ²	,	15.03%
Grand tota	al	171	127
DS	584.0 m ²	6,453m ²	9.05%
DPS	386.0 m ²		6.0%
TOTAL	970.0 m ²		19.8%

*DS:Deep Soil Area / DPS:Deep Podium Soil(1500mm depth)

	rea Schedule (Communa	п орон орасс)
COP Area	Site Area	Percentage
T1		
2330.5 m ²	3931m²	59.2%
Solar Access(2 hrs)	*	85.0%
T2		$\sim\sim$
1218.0 m ²	2522m²	48.3%
Solar Access(2 hrs)	•	50.0%
Grand total		
3548.5 m ²	6453m ²	55.0%
Solar Access(2 hrs)	•	68.0%

SEPF	CrossVentilation_Yield	
Cross Ventilation Units	No. of Units	Percentage
T1		
84	142	59.2%
T2		7
60	96	62.5%
Grand total		
144	238	60.5%

SEPP_So	olarAcess_Yield (9 am-3)	om)
Solar Access	No. of Units	Percentage
T1	167	
>2HRS	122	73.0%
0HRS	7_	4.2%
T2	(125)	~~
>2HRS	(83)	66.4%
0HRS	Ħ	8.8%
Grand total	(292)	
>2HRS	(205)	70.2%
0HRS	18	6.1%

SolarAce	ss_Yield (8 am-4 pm)_ R	FI requirement
Solar Access	No. of Units	Percentage
T1	167	
>2HRS	144	86.2%
T2	125	~~
>2HRS	87	69.6%
Grand total	292	کیپ
>2HRS	231	79.1%
		S . A . P

	FSR	
GFA	Site Area	FSR
T1		
16201.7m ²	3931m ²	4.12
T2		
11194.2m ²	2522m²	4.43
Grand total	7	
27395.9m ²	6,453m ²	4.25

No. of Units	Yield
\sim	
	~~~
(70)	23.9%
169	57.8%
(51)	17.4%
2	0.7%
	169

	Adaptable Units N	1ix
Unit Type	No. of Units	Percentage of Total Units
1B	11	(3.7%)
2B	14	4.8%
3B	5	1.7%
Grand total: 292	30	(10.3%)

	Silver Livable Units	Mix
Unit Type	No. of Units	Percentage of Total Units
1B	5	1.7%
2B	21	7.2%
3B	4	1.4%
Grand total: 292	30	(10.3%)

	Visitable Units M	lix
Unit Type	No. of Units	Percentage of Total Ground Floor (GF) Units
1B	1	8.3%
2B	2	16.7%
3B	1	8.3%
GF unit total: 12	4	33.3%

By Ck Date

SEPP (State Significant Precincts) 2005 Controls

LEP Use: Residential

1 Murray Rose: 26m/33m; 2 Murray Rose: 26m/50m Heights:

3:1 for 60A and part 60B (being 1, 2, 3, 4 and 5 Murray Rose Avenue)

GFA: Total GFA for 60A and 60B - 73,545sqm

GFA used by 3, 4 and 5 Murray Rose Avenue - 43,458sqm

GFA available for Site 1 and 2 is 30,088sqm and with 10% Design Excellence Bonus - 33,097sqm

C	ARPARK SCHEDULE	
Туре	Description	No.
B3		
5400 x 2400	Standard Carpark Bay	122
5400 x 2400 (Disabled with Shared Area)	Disabled Carpark Bay (AS2890-2009)	0
B2		~~~
5400 x 2400	Standard Carpark Bay	131
5400 x 2400 (Disabled with Shared Area)	Disabled Carpark Bay (AS2890-2009)	( 11 \
		\ \ \ \ \
B1		}
5400 x 2400	Standard Carpark Bay	33
5400 x 2400 (Disabled with Shared Area)	Disabled Carpark Bay (AS2890-2009)	18
L00		7
5400 x 2400	Standard Carpark Bay	<u>} 11 </u>
5400 x 2400	Manager Car Space	> 1 \
5400 x 2400 (Disabled with Shared Area)	Disabled Carpark Bay (AS2890-2009)	(3)
Grand total		330

CARPA	RK RESIDENTIAL	
Туре	Description	No.
		$\sim$
5400 x 2400	Standard Carpark Bay	297
5400 x 2400 (Disabled with Shared Area)	Disabled Carpark Bay (AS2890-2009)	32
total	100	329

MA	NAGER CAR SPACE	
Туре	Description	No.
5400 x 2400	Standard Carpark Bay	1
Grand total	Clarida d'Ourpain Day	

BIC	CYCLE PARKING SCHEDULE	
Туре	Description	No.
Resident Bicycle Storage	Incorporated within storage cages	355
nesident bicycle Storage	incorporated within storage cages	000
Visitors Bicycle Parking	Located at public accessible area	74



Henky Mantophani 20241 Assessor Name

Certificate date: -2 Murray Rose Ave lympic Park, NSW

08 November 2018

Title 00-GENERAL INFORMATION DEVELOPMENT DATA SHEET

Client AUSTINO PROPERTY GROUP

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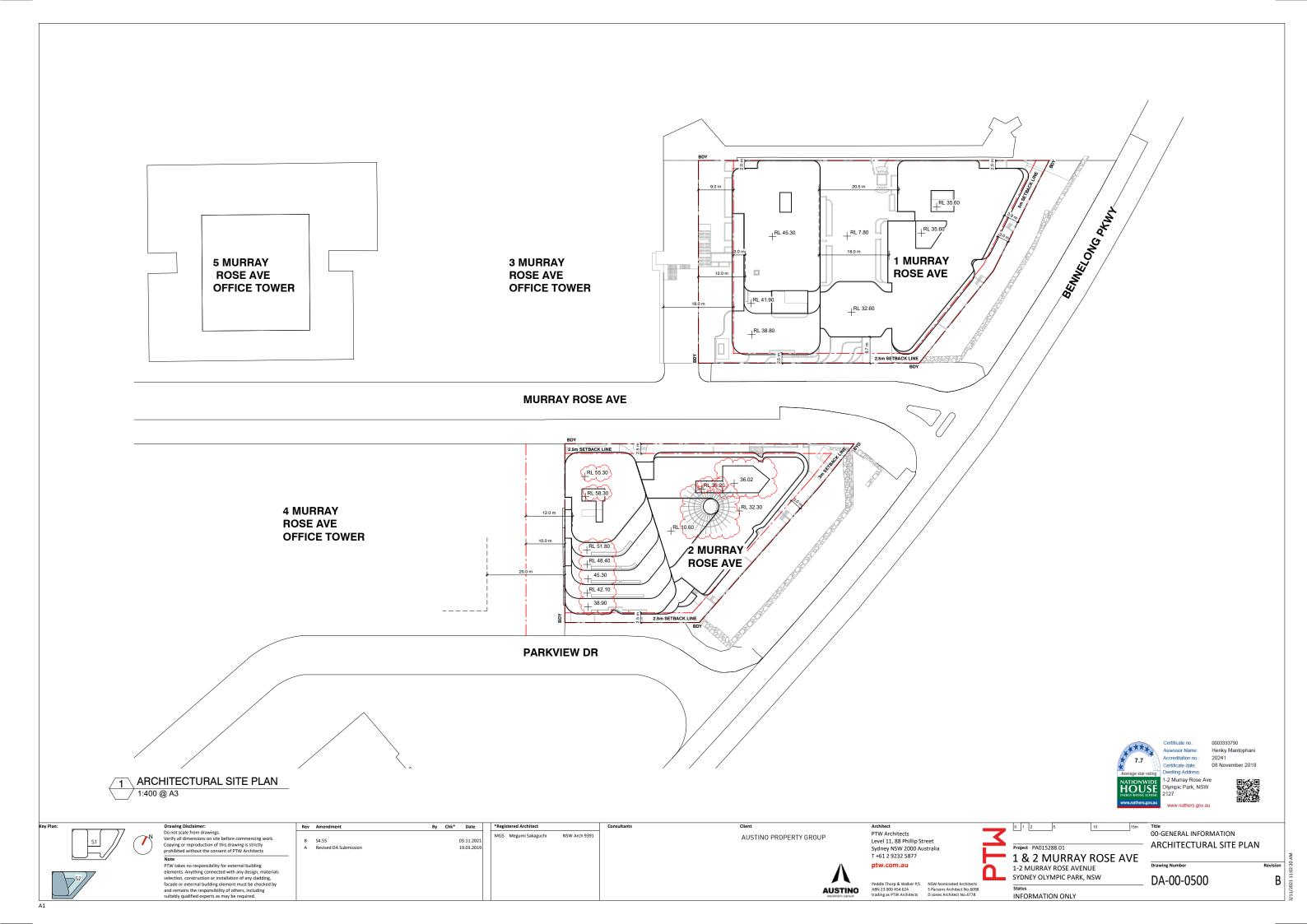
Project PA015288.01

Status INFORMATION ONLY

1 & 2 MURRAY ROSE AVE

1-2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

DA-00-0100



#### GENERAL NOTES

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED

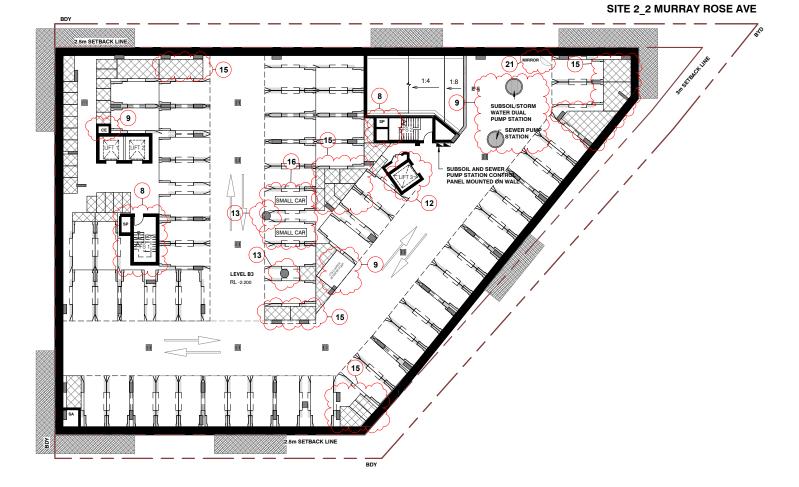
- ESSENTAL BUILDING SERVICES ADDED / REVISED / REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

# REVISION CLOUD LEGEND

- 1 OVERALL APARTMENT LAYOUT REVISED
- 2 LAUNDRY AND/OR STORAGE LOCATION REVISED
- 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED
- 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED
- 5 KITCHEN TYPE AND/OR LOCATION REVISED
- 6 BEDROOM LAYOUT REVISED
- 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED
- 8 CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED
- 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED
- 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- 12 COURTYARD LIFT DESIGN AMENDED / REVISED
- 13 MEGA COLUMN SIZE REVISED AND RELOCATED
- (14) LANDSCAPE REVISED
- 15 BASEMENT STORAGE SIZE/LOCATION REVISED
- 16 BASEMENT CAR PARKING ARRANGEMENT REVISED
- (17) LOBBY DESIGN REVISED
- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- 20 CARPARK ROLLER DOOR LOCATION REVISED
- (21) ADDITIONAL COVEX MIRROR IN CARPARK
- (22) REMOVAL OF SKYLIGHT
- 23 REMOVAL OF PRIVATE GARDEN STAIRS

# FACADE CHANGES

- (A) GLAZING LOCATION REVISED
- (B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED









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NSW Arch 939

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Peddle Thorp & Walker P/L
ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778

As @ A1 indicated Project PA015288

INFORMATION ONLY

**1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

CORIDOR VENTILATION
COLD WATER ISER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

GENERAL ABBREVIATIONS AND LEGEND

******* 

S 4.55 PARKING SCHEDULE

(16)

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

Assessor Name

welling Addres -2 Murray Rose Ave

Olympic Park, NSW 2127

NATIONWIDE HOUSE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT

MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT

STORAGE/BICYCLE CAGE

- S2 LEVEL B3

BALC BALCONY

Henky Mantophani

SILVER LIVABLE APARTMEN

VISITABLE APARTMENT AFFORDABLE APARTMENT

20241

DA-10-4700

#### GENERAL NOTES

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED

- ESSENTAL BUILDING SERVICES ADDED / REVISED / REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

# REVISION CLOUD LEGEND

- 1) OVERALL APARTMENT LAYOUT REVISED
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- 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED
- 5 KITCHEN TYPE AND/OR LOCATION REVISED
- 6 BEDROOM LAYOUT REVISED
- 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED
- (8) CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED
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- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- 20) CARPARK ROLLER DOOR LOCATION REVISED
- 21) ADDITIONAL COVEX MIRROR IN CARPARK
- (22) REMOVAL OF SKYLIGHT
- 23 REMOVAL OF PRIVATE GARDEN STAIRS

# FACADE CHANGES

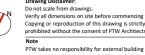
- (A) GLAZING LOCATION REVISED
- B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED











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\$4.55	03.11.2021
Revised DA Submission	19.03.2019
Revised DA Submission	24.01.2019
Issued for DA Submission	12.10.2018

NSW Arch 939 MGS Megumi Sakaguchi

Austino Sydney Olympic Park Pty Ltd



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ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778





INFORMATION ONLY

2 MURRAY ROSE AVENUE

******* 

GENERAL ABBREVIATIONS AND LEGEND

CORIDOR VENTILATION
COLD WATER ISER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

S 4.55 PARKING SCHEDULE

(12)

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS - S2 LEVEL B2

Accreditation no.:

1-2 Murray Rose Ave

7.7

HOUSE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT

MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT

STORAGE/BICYCLE CAGE

DA-10-4800

Henky Mantophani

08 November 2018

SILVER LIVABLE APARTMEN

VISITABLE APARTMENT

BALC BALCONY

20241

# GENERAL NOTES REVISION CLOUD LEGEND

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED

ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED

- ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

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2 LAUNDRY AND/OR STORAGE LOCATION REVISED

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(22) REMOVAL OF SKYLIGHT

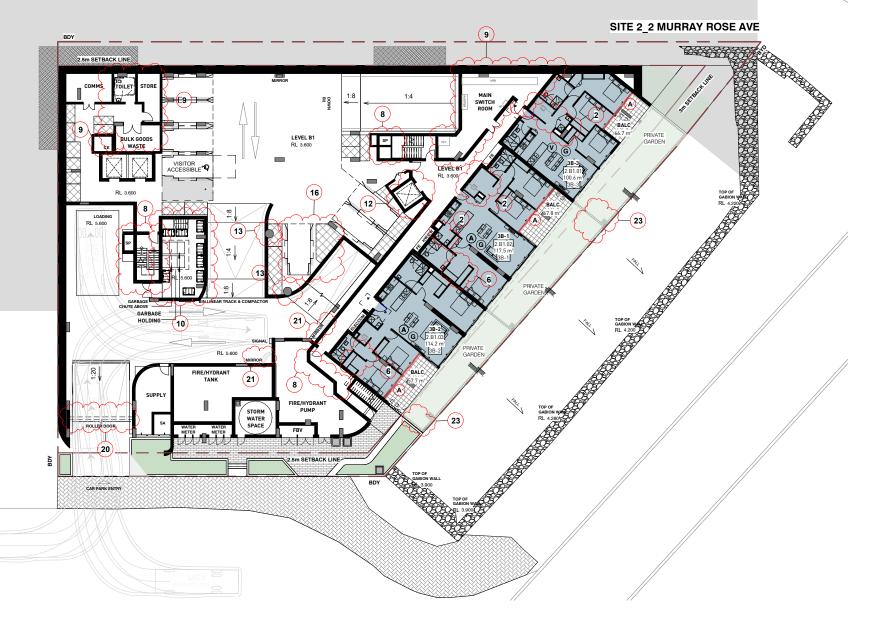
23 REMOVAL OF PRIVATE GARDEN STAIRS

FACADE CHANGES

(A) GLAZING LOCATION REVISED_

B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED

4 MURRAY **ROSE AVENUE** 





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03.11.2021 Revised DA Submission 19.03.2019 Revised DA Submission 24.01.2019 12.10.201

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ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778



As @ A1 indicated Project PA015288

COLD WATER EXHAUST AIR RISER

EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR RELEEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

**1&2 MURRAY ROSE AVE** 

GENERAL ABBREVIATIONS AND LEGEND

2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

10-GENERAL ARRANGEMENT PLANS

******* 

HOUSE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT

MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT

STORAGE/BICYCLE CAGE

S 4.55 PARKING SCHEDULE

(12)

Certificate date: -2 Murray Rose Ave

lympic Park, NSW 127

GENERAL ARRANGEMENT PLANS - S2 LEVEL B1

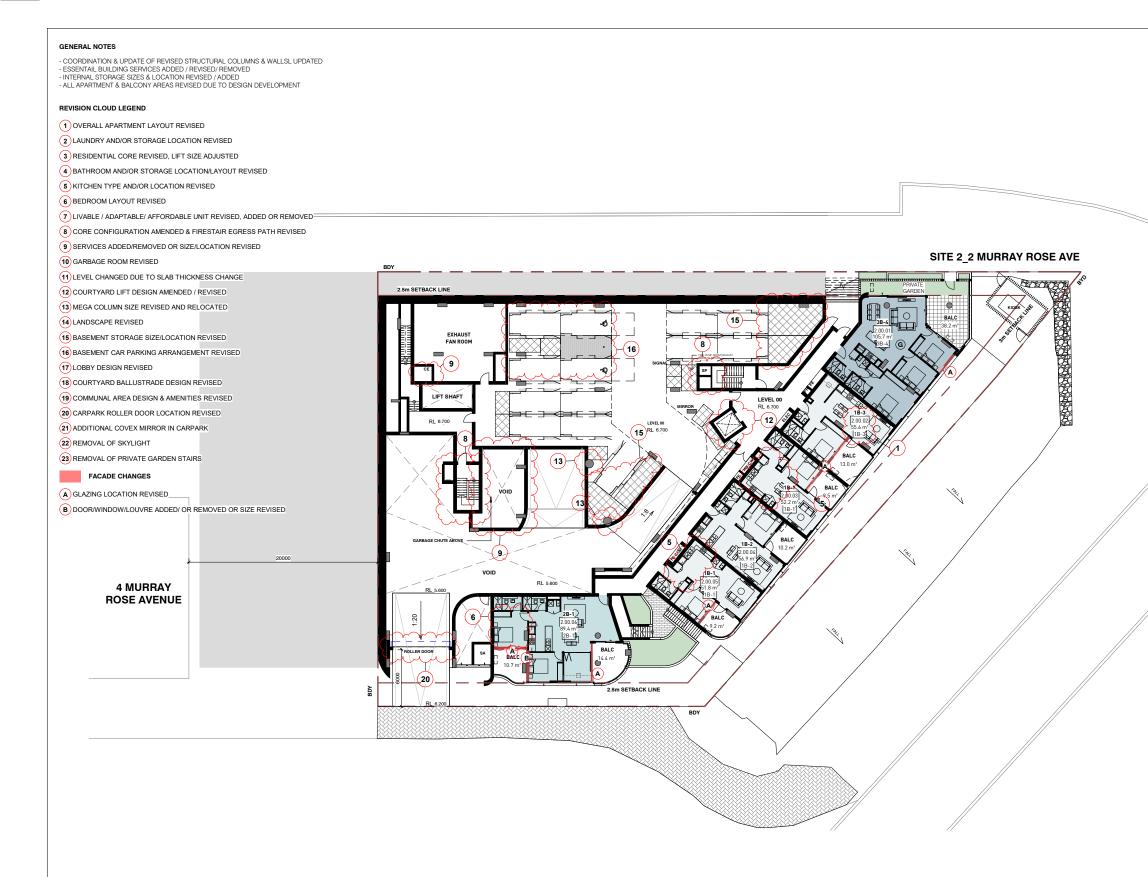
BALC BALCONY

Henky Mantophani 20241

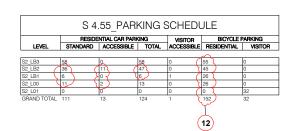
SILVER LIVABLE APARTMEN

VISITABLE APARTMENT AFFORDABLE APARTMENT

DA-10-4900



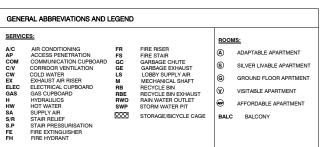






Accreditation no. 1-2 Murray Rose Ave

Henky Mantophan 20241





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03.11.2021 19.03.2019 Revised DA Submission 24.01.2019 Issued for DA Submission 12.10.201

NSW Arch 939

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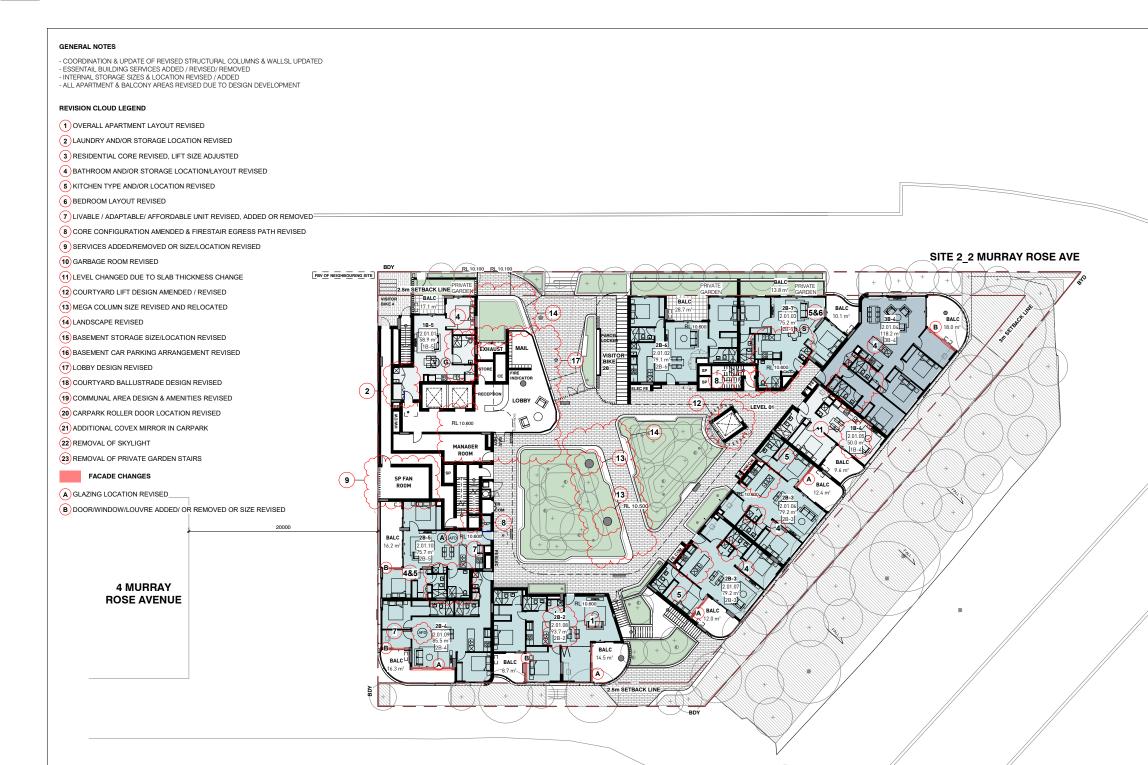
As @ A1 indicated Project PA015288 **1&2 MURRAY ROSE AVE** 

INFORMATION ONLY

2 MURRAY ROSE AVENUE

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS - S2 LEVEL 00

DA-10-5000





S 4.55 PARKING SCHEDULE

(12)

Assessor Name: welling Address 1-2 Murray Rose Ave Olympic Park, NSW

Henky Mantophani 20241

GENERAL ABBREVIATIONS AND LEGEND

CORIDOR VENTILATION
COLD WATER ISER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT **XXX** 

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT

STORAGE/BICYCLE CAGE

SILVER LIVABLE APARTMEN

VISITABLE APARTMENT AFFORDABLE APARTMENT

BALC BALCONY

- S2 LEVEL 01

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

As @ A1 indicated Project PA015288

INFORMATION ONLY

**1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

DA-10-5100

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1 GENERAL ARRANGEMENT PLANS - S2 LEVEL 01

03.11.2021 17.05.2019 Revised DA Submission 19.03.2019 Revised DA Submission 24.01.2019 12.10.201

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Sydney NSW 2000 Australia





Certificate date: 1-2 Murray Rose Ave Olympic Park, NSW 2127

Henky Mantophani 20241

GENERAL ABBREVIATIONS AND LEGEND

CORRIDOR VENTILATION
COLD WATER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

**XXX** STORAGE/BICYCLE CAGE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT SILVER LIVABLE APARTMEN

VISITABLE APARTMENT

AFFORDABLE APARTMENT BALC BALCONY

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

- S2 LEVEL 02

As @ A1 indicated Project PA015288

DA-10-5200

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Olympic Park, NSW

GENERAL ABBREVIATIONS AND LEGEND

CORIDOR VENTILATION
COLD WATER ISER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

******* 

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT STORAGE/BICYCLE CAGE

SILVER LIVABLE APARTMEN

VISITABLE APARTMENT AFFORDABLE APARTMENT BALC BALCONY

10-GENERAL ARRANGEMENT PLANS

GENERAL ARRANGEMENT PLANS - S2 LEVEL 03-05

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**1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

DA-10-5300

# GENERAL NOTES - COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED - ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT REVISION CLOUD LEGEND 1 OVERALL APARTMENT LAYOUT REVISED 2 LAUNDRY AND/OR STORAGE LOCATION REVISED 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED 5 KITCHEN TYPE AND/OR LOCATION REVISED 6 BEDROOM LAYOUT REVISED 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED 8 CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED SITE 2_2 MURRAY ROSE AVE 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE 12 COURTYARD LIFT DESIGN AMENDED / REVISED 13 MEGA COLUMN SIZE REVISED AND RELOCATED (14) LANDSCAPE REVISED 15 BASEMENT STORAGE SIZE/LOCATION REVISED 16 BASEMENT CAR PARKING ARRANGEMENT REVISED (17) LOBBY DESIGN REVISED (18) COURTYARD BALLUSTRADE DESIGN REVISED (19) COMMUNAL AREA DESIGN & AMENITIES REVISED 20 CARPARK ROLLER DOOR LOCATION REVISED 21 ADDITIONAL COVEX MIRROR IN CARPARK (22) REMOVAL OF SKYLIGHT 23 REMOVAL OF PRIVATE GARDEN STAIRS FACADE CHANGES (A) GLAZING LOCATION REVISED_ B DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED 4 MURRAY **ROSE AVENUE**



Assessor Name: -2 Murray Rose Ave Olympic Park, NSW

Henky Mantophani 20241

GENERAL ABBREVIATIONS AND LEGEND

CORIDOR VENTILATION
COLD WATER ISER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

******* STORAGE/BICYCLE CAGE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT

SILVER LIVABLE APARTMEN VISITABLE APARTMENT AFFORDABLE APARTMENT

BALC BALCONY

- S2 LEVEL 06

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

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GENERAL ARRANGEMENT PLANS - S2 LEVEL 06

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Sydney NSW 2000 Australia

As @ A1 indicated Project PA015288

2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

**1&2 MURRAY ROSE AVE** 

# GENERAL NOTES - COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED - ESSENTAL BUILDING SERVICES ADDED / REVISED / REMOVED - INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED - ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT REVISION CLOUD LEGEND 1 OVERALL APARTMENT LAYOUT REVISED 2 LAUNDRY AND/OR STORAGE LOCATION REVISED 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED 5 KITCHEN TYPE AND/OR LOCATION REVISED 6 BEDROOM LAYOUT REVISED 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED 8 CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE 12 COURTYARD LIFT DESIGN AMENDED / REVISED 13 MEGA COLUMN SIZE REVISED AND RELOCATED (14) LANDSCAPE REVISED 15 BASEMENT STORAGE SIZE/LOCATION REVISED 16 BASEMENT CAR PARKING ARRANGEMENT REVISED (17) LOBBY DESIGN REVISED (18) COURTYARD BALLUSTRADE DESIGN REVISED (19) COMMUNAL AREA DESIGN & AMENITIES REVISED 20 CARPARK ROLLER DOOR LOCATION REVISED 21) ADDITIONAL COVEX MIRROR IN CARPARK (22) REMOVAL OF SKYLIGHT 23 REMOVAL OF PRIVATE GARDEN STAIRS FACADE CHANGES (A) GLAZING LOCATION REVISED_ B DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED 4 MURRAY **ROSE AVENUE**





Assessor Name: welling Address -2 Murray Rose Ave Olympic Park, NSW

Henky Mantophani 20241

# GENERAL ABBREVIATIONS AND LEGEND

CORRIDOR VENTILATION
COLD WATER
EXHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

******* 

STORAGE/BICYCLE CAGE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT

SILVER LIVABLE APARTMEN VISITABLE APARTMENT AFFORDABLE APARTMENT

BALC BALCONY

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS - S2 LEVEL 07

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GENERAL ARRANGEMENT PLANS - S2 LEVEL 07

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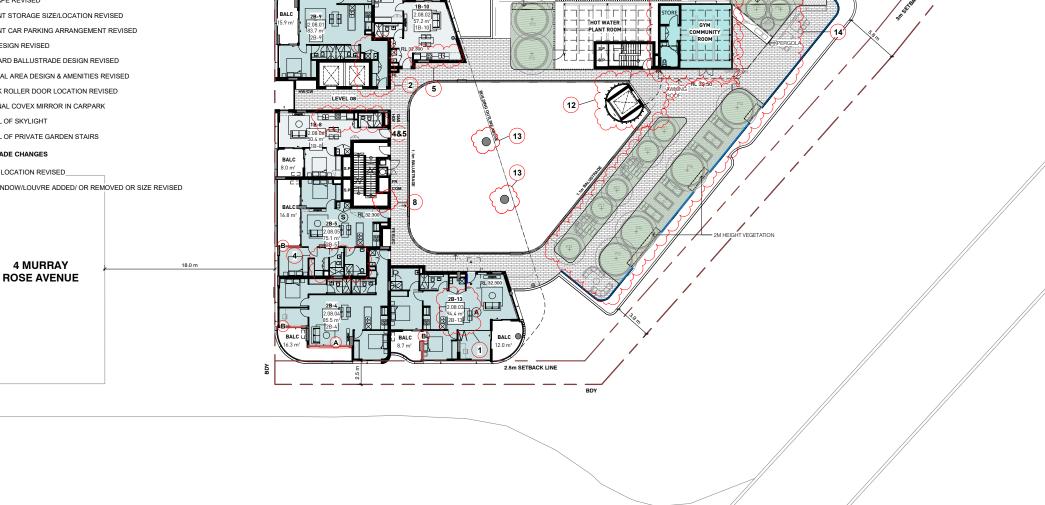
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**1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

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2M HEIGHT VEGETATION



Henky Mantophani 20241

# GENERAL ABBREVIATIONS AND LEGEND

COMMUNICATION CUPBC CORRIDOR VENTILATION COLD WATER EXHAUST AIR RISER ELECTRICAL CUPBOARD GAS CUPBOARD HYDRAULICS HOT WATER SUPPLY AIR STAIR RELIEF STAIR RELIEF STAIR RELIEF FIRE HYDRAUT

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT
RECYCLE BIN
RECYCLE BIN EXHAUS
RAIN WATER OUTLET
STORM WATER PIT

ROOMS: SILVER LIVABLE APARTMEN

STORAGE/BICYCLE CAGE

AFFORDABLE APARTMENT BALC BALCONY

VISITABLE APARTMENT

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS - S2 LEVEL 08



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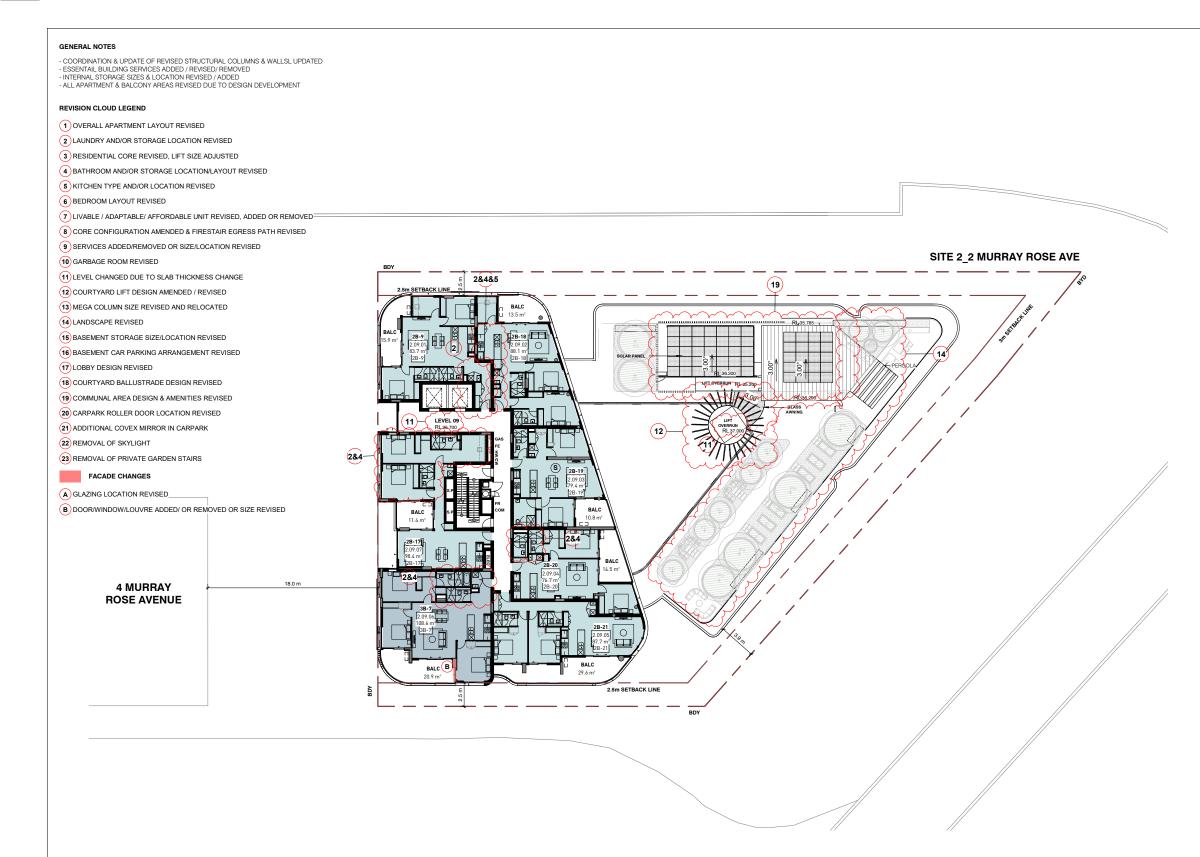
- 2M HEIGHT VEGETATION

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As @ A1 indicated Project PA015288

DA-10-5600





Henky Mantophani Assessor Name: 20241

1-2 Murray Rose Ave Olympic Park, NSW

GENERAL ABBREVIATIONS AND LEGEND

CORIDOR VENTILATION
COLD WATER IISER
EKHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT ******* 

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT MECHANICAL SHAFT RECYCLE BIN RECYCLE BIN EXHAUST RAIN WATER OUTLET STORM WATER PIT STORAGE/BICYCLE CAGE

SILVER LIVABLE APARTMEN VISITABLE APARTMENT

> AFFORDABLE APARTMENT BALC BALCONY

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

- S2 LEVEL 09

DA-10-5700

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GENERAL ARRANGEMENT PLANS - S2 LEVEL 09

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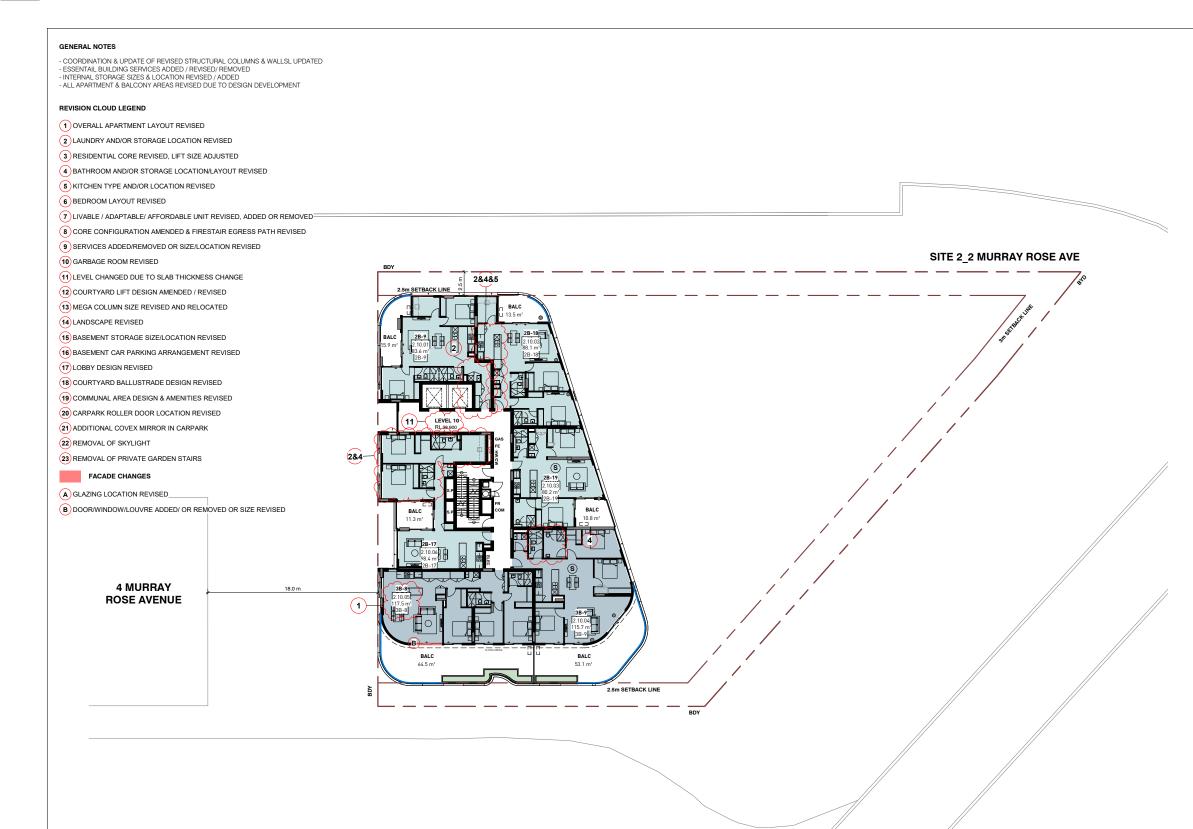
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Henky Mantophani 20241

1-2 Murray Rose Ave Olympic Park, NSW

GENERAL ABBREVIATIONS AND LEGEND CORIDOR VENTILATION
COLD WATER IISER
EKHAUST AIR RISER
ELECTRICAL CUPBOARD
GAS CUPBOARD
HYDRAULICS
HOT WATER
SUPPLY AIR
STAIR RELIEF
STAIR PRESSURISATION
FIRE EXTINGUISHER
FIRE HYDRANT

**XXX** 

STORAGE/BICYCLE CAGE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT
RECYCLE BIN
RECYCLE BIN SHAUST
RAIN WATER OUTLET
STORM WATER PIT

SILVER LIVABLE APARTMEN VISITABLE APARTMENT

AFFORDABLE APARTMENT BALC BALCONY

10-GENERAL ARRANGEMENT PLANS

- S2 LEVEL 10

GENERAL ARRANGEMENT PLANS



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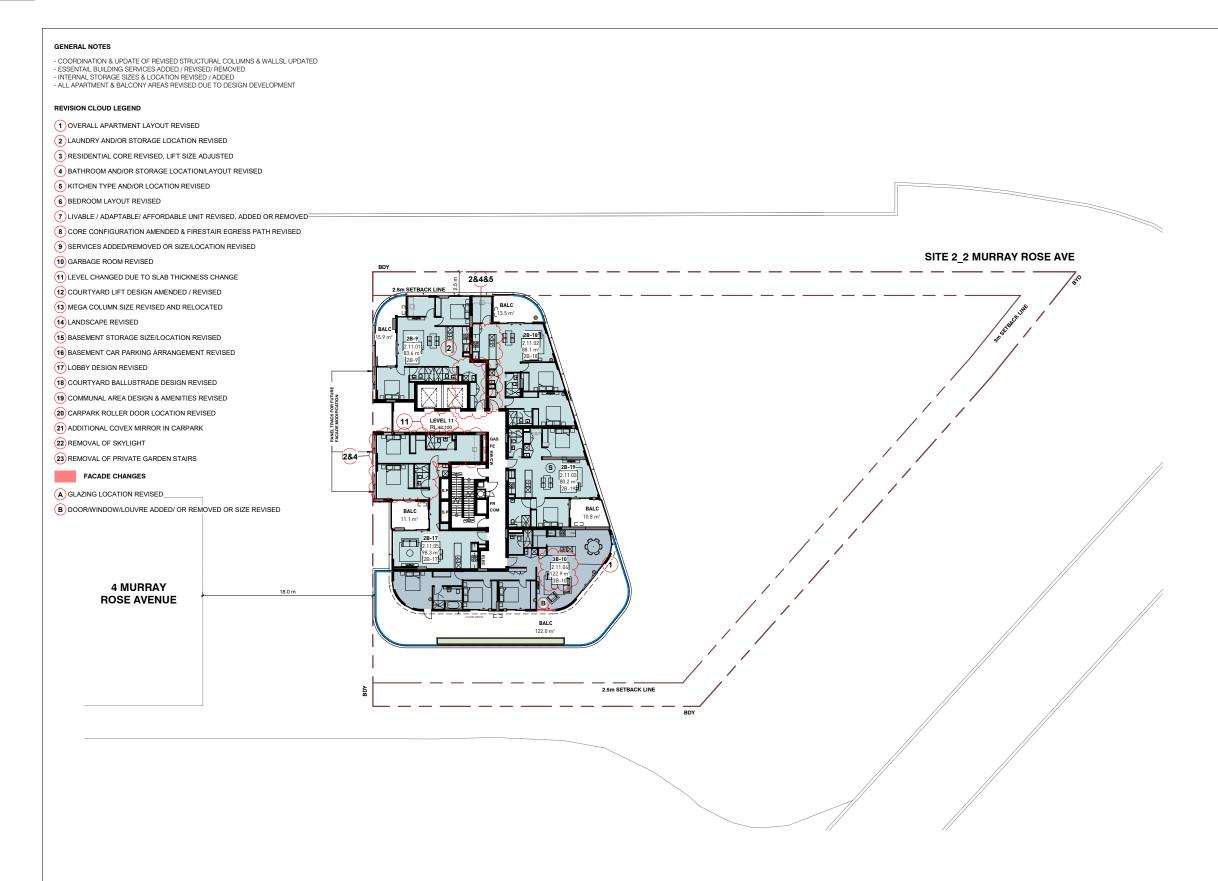
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GENERAL ABBREVIATIONS AND LEGEND

COMMUNICATION CUPBC CORRIDOR VENTILATION COLD WATER EXHAUST AIR RISER ELECTRICAL CUPBOARD GAS CUPBOARD HYDRAULICS HOT MANUAL STATER SUPPLY AIR STAIR RELEF STAIR RELEF STAIR RELEF FIRE HYDRANT

**XXX** 

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT
RECYCLE BIN
RECYCLE BIN SHAUST
RAIN WATER OUTLET
STORM WATER PIT STORAGE/BICYCLE CAGE

SILVER LIVABLE APARTMEN VISITABLE APARTMENT

AFFORDABLE APARTMENT BALC BALCONY

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS - S2 LEVEL 11

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GENERAL ARRANGEMENT PLANS - S2 LEVEL 11

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03.11.2021 17.05.2019 19.03.2019 24.01.2019 12.10.2018

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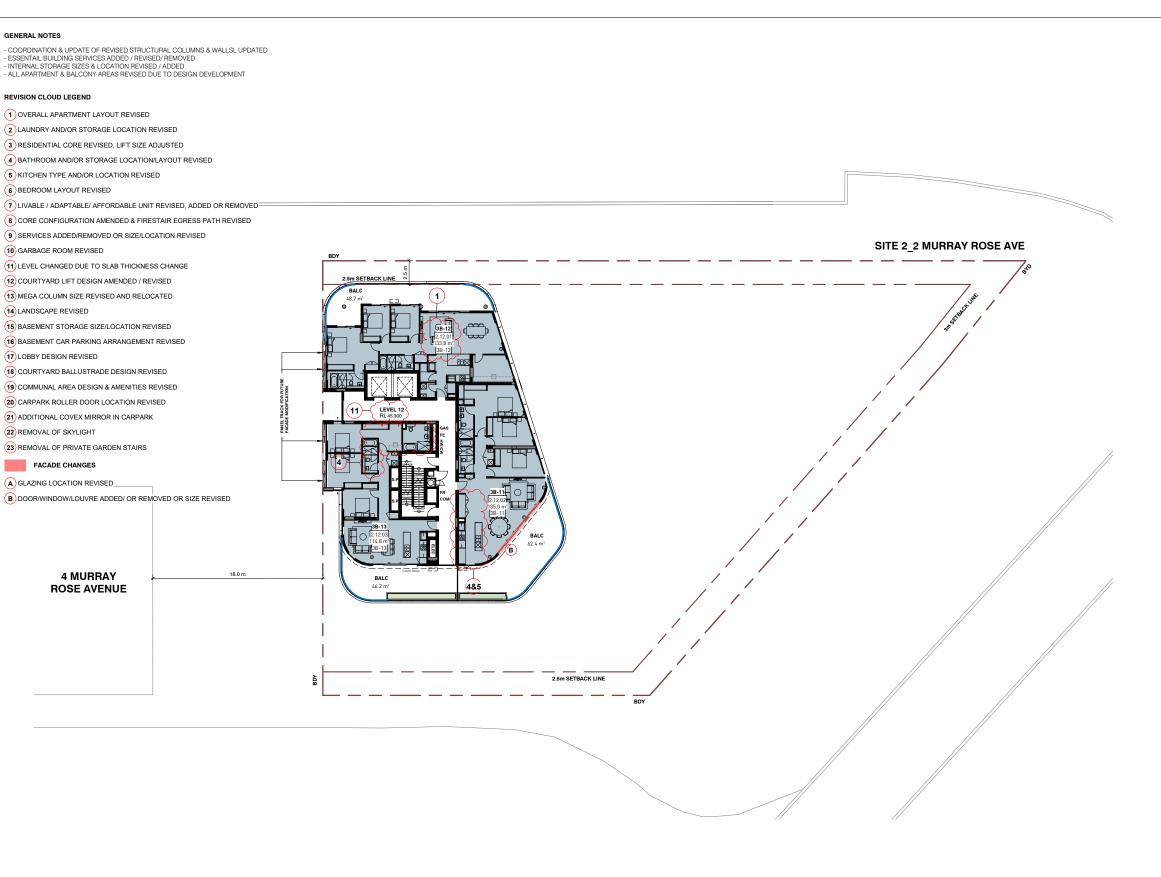
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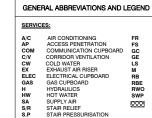
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**1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY







INFORMATION ONLY

SILVER LIVABLE APARTMEN

Henky Mantophani

20241

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT
RECYCLE BIN
RECYCLE BIN SHAUST
RAIN WATER OUTLET
STORM WATER PIT COMMUNICATION CUPBC CORRIDOR VENTILATION COLD WATER EXHAUST AIR RISER ELECTRICAL CUPBOARD GAS CUPBOARD HYDRAULICS HOT MANUAL STATER SUPPLY AIR STAIR RELEF STAIR RELEF STAIR RELEF FIRE HYDRANT VISITABLE APARTMENT AFFORDABLE APARTMENT ******* STORAGE/BICYCLE CAGE BALC BALCONY

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2 MURRAY ROSE AVENUE

GENERAL ARRANGEMENT PLANS - S2 LEVEL 12

DA-10-6000

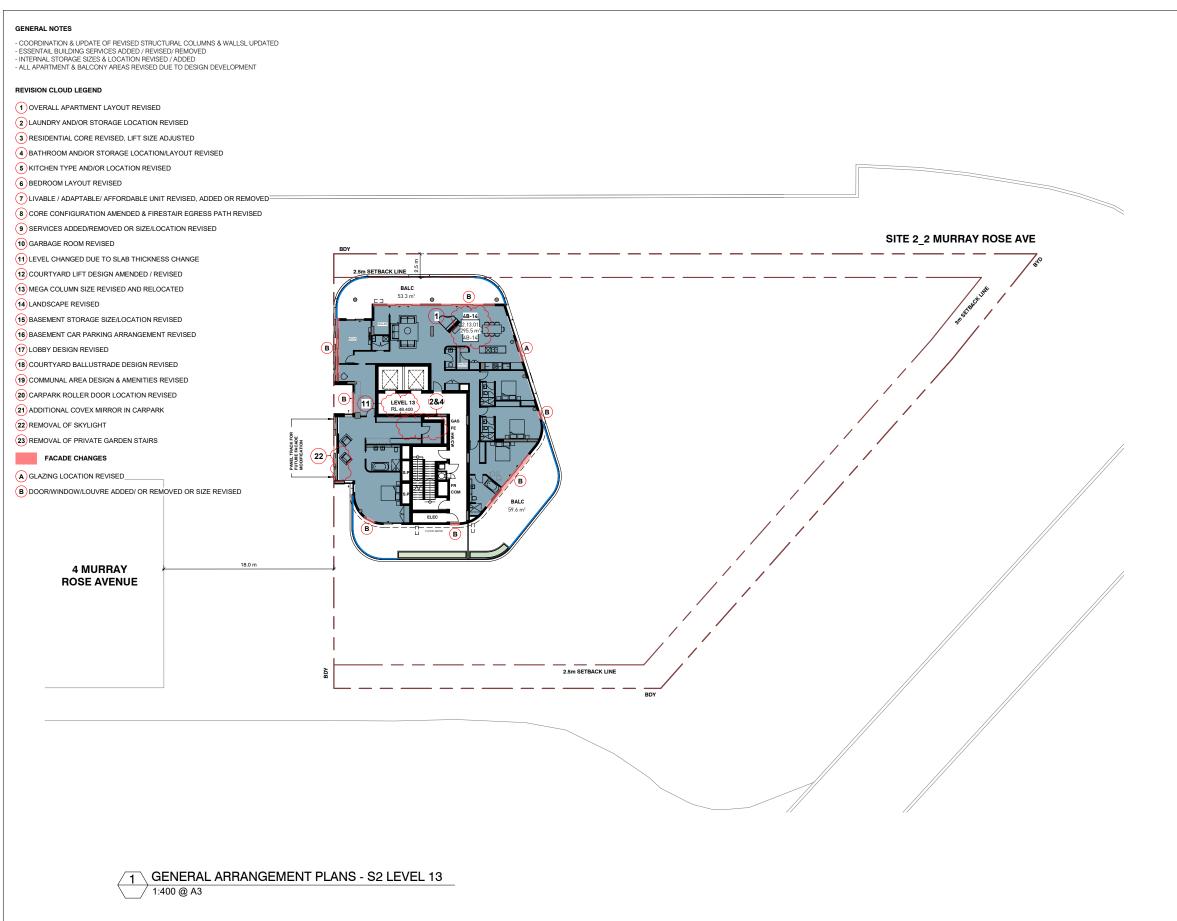
10-GENERAL ARRANGEMENT PLANS

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ABN 23 000 454 624 S Parsons Architect No.6098
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**1&2 MURRAY ROSE AVE** 

Assessor Name: Accreditation no.:

Dwelling Address 1-2 Murray Rose Ave Olympic Park, NSW



NSW Arch 939

03.11.2021 17.05.2019

19.03.2019

24.01.2019 12.10.2018



Henky Mantophani 20241

GENERAL ABBREVIATIONS AND LEGEND

COMMUNICATION CUPBO CORRIDOR VENTILATION COLD WATER EXHAUST AIR RISER ELECTRICAL CUPBOARD GAS CUPBOARD HYDRAULICS HOT MANUES HOT WALLICS HOT WALLICS STAIR RELEF STAIR RELEF STAIR RELEF FIRE HYDRANT

******* STORAGE/BICYCLE CAGE

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT
RECYCLE BIN
RECYCLE BIN SHAUST
RAIN WATER OUTLET
STORM WATER PIT

SILVER LIVABLE APARTMEN VISITABLE APARTMENT

BALC BALCONY

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

DA-10-6100

- S2 LEVEL 13

**1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

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Sydney NSW 2000 Australia

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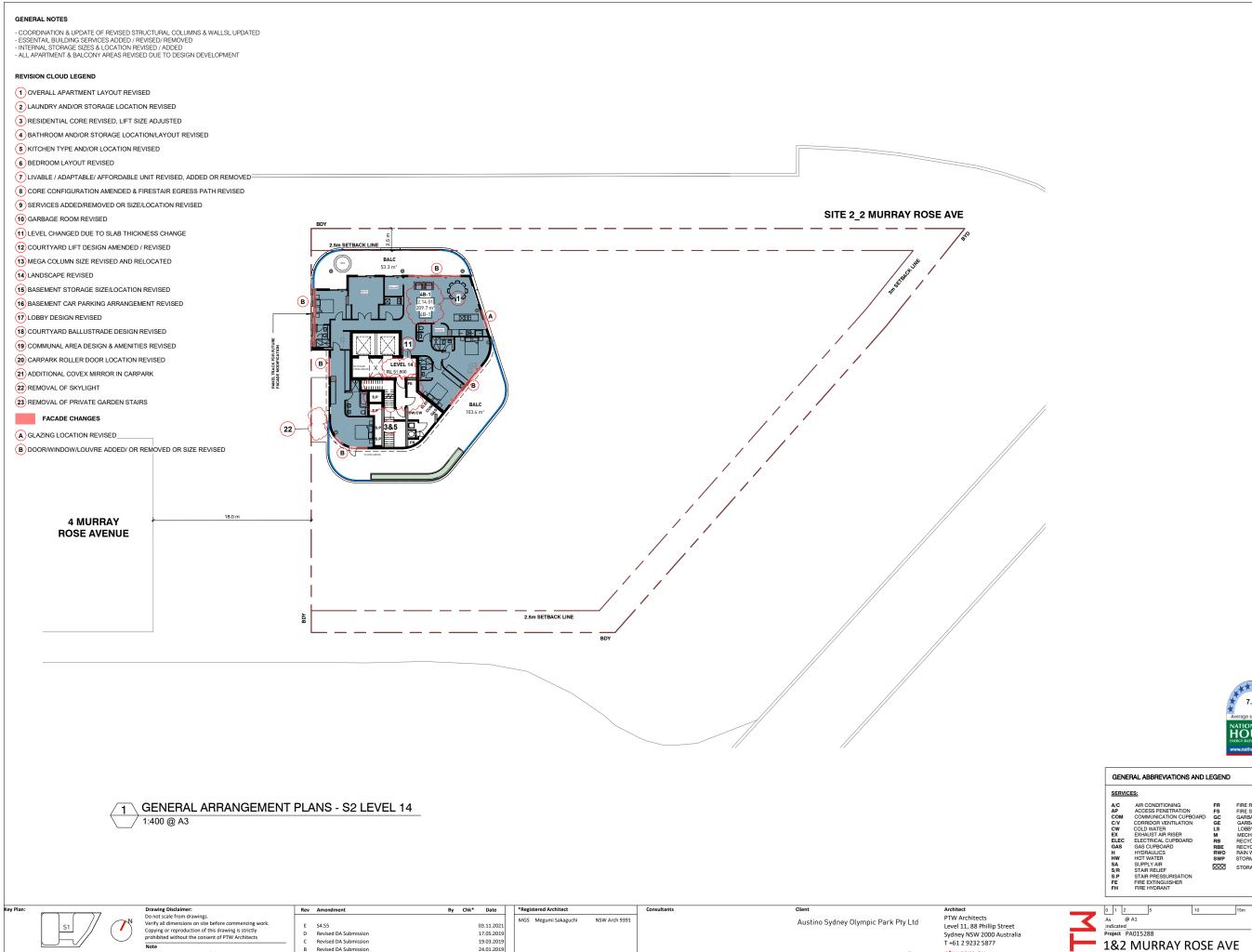
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suitably qualified experts as may be required.

Revised DA Submission

Revised DA Submission



Assessor Name: Dwelling Address 1-2 Murray Rose Ave Olympic Park, NSW

Henky Mantophani 20241

FIRE RISER
FIRE STAIR
GARBAGE CHUTE
GARBAGE EXHAUST
LOBBY SUPPLY AIR
MECHANICAL SHAFT
RECYCLE BIN
RECYCLE BIN SHAUST
RAIN WATER OUTLET
STORM WATER PIT STORAGE/BICYCLE CAGE

SILVER LIVABLE APARTMEN

BALC BALCONY

VISITABLE APARTMENT

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS - S2 LEVEL 14

**AUSTINO** 

T +61 2 9232 5877

Peddle Thorp & Walker P/L
ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778

2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

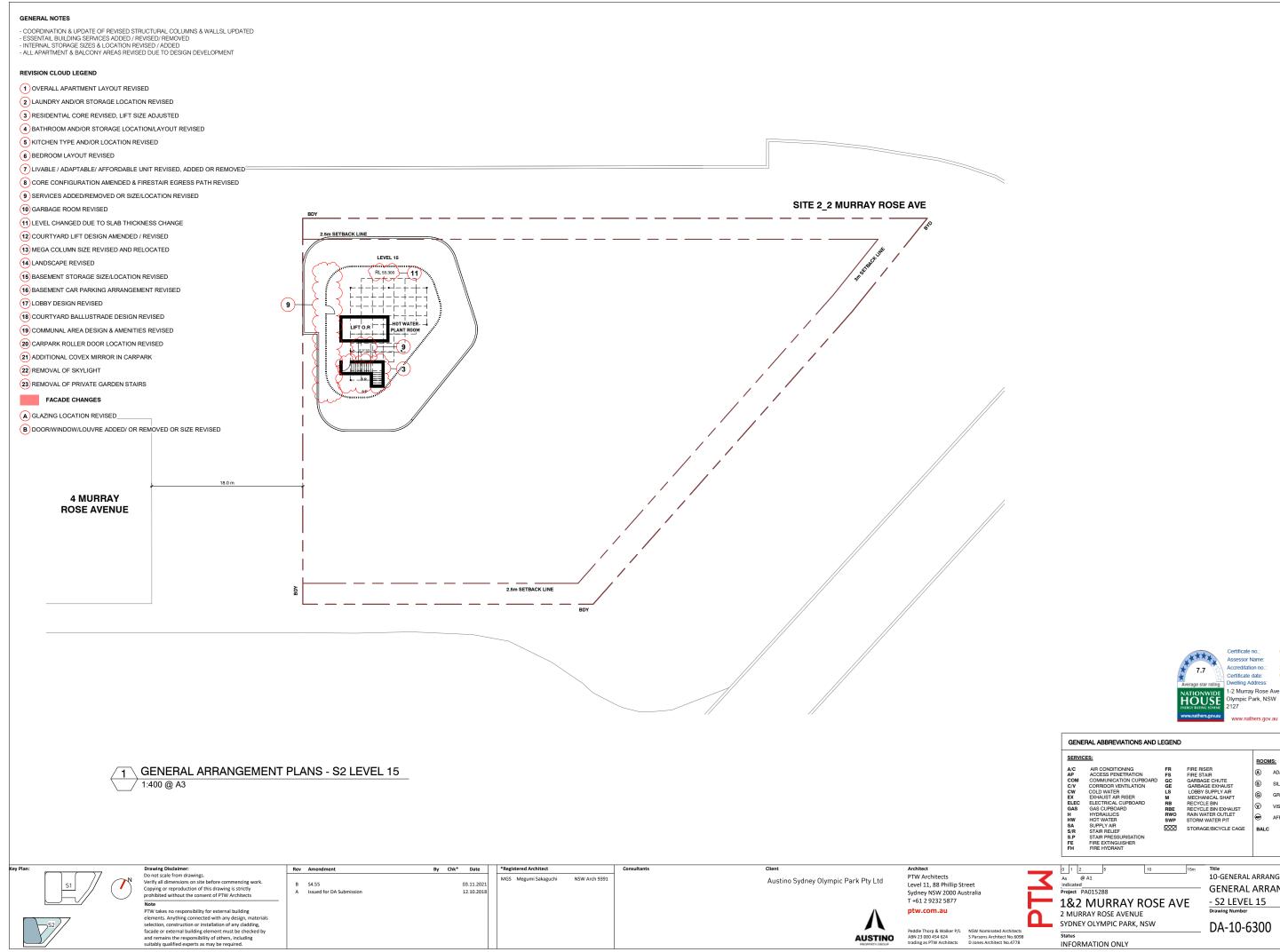
INFORMATION ONLY

DA-10-6200

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Revised DA Submission

24.01.2019 12.10.2018



SILVER LIVABLE APARTMEN VISITABLE APARTMENT AFFORDABLE APARTMENT BALC BALCONY

Henky Mantophani

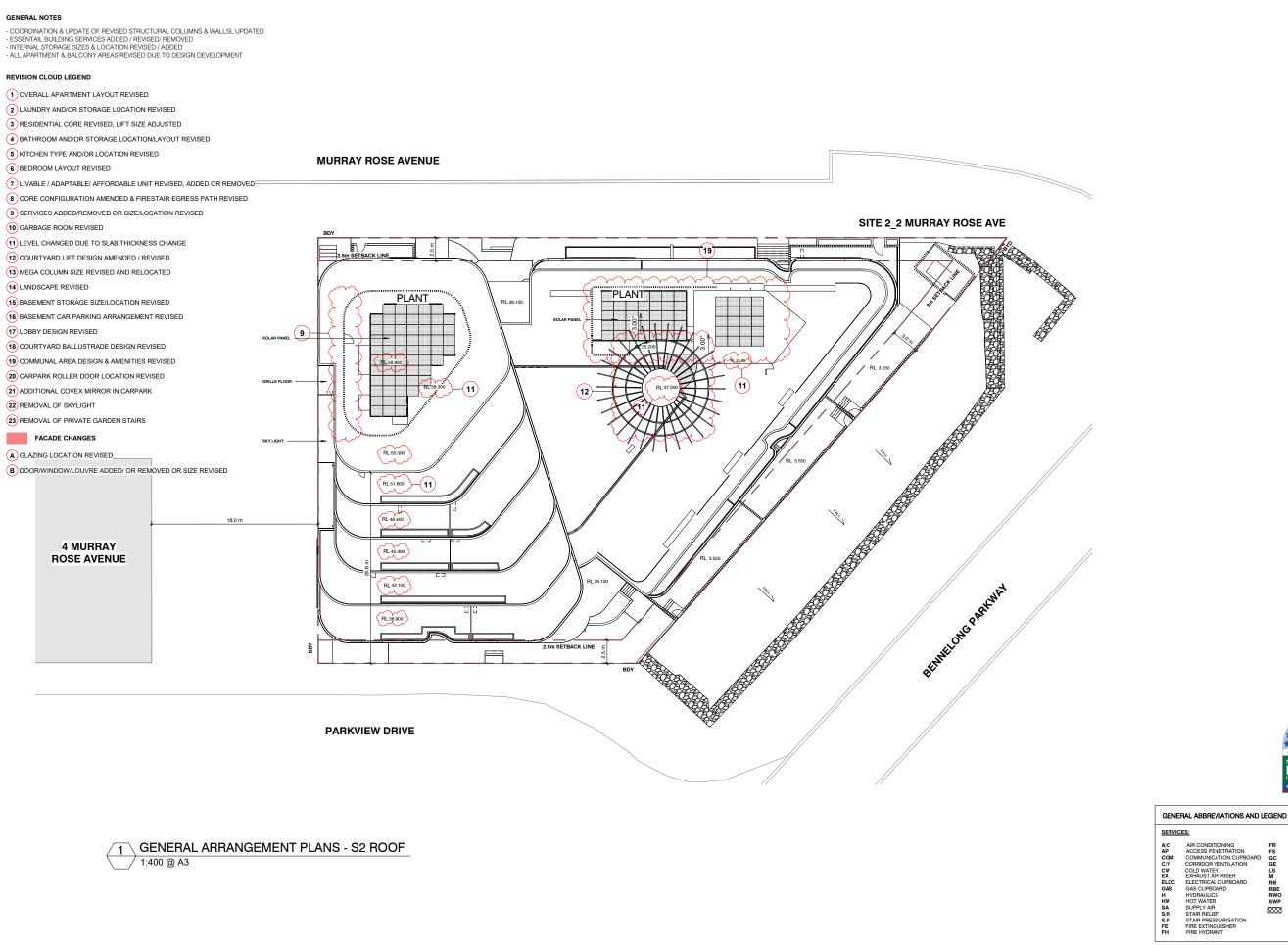
20241

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS

DA-10-6300

INFORMATION ONLY

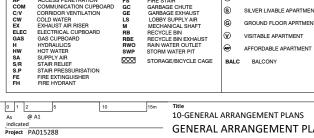
**AUSTINO** 



NSW Arch 939

03.11.202





2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

10-GENERAL ARRANGEMENT PLANS GENERAL ARRANGEMENT PLANS **1&2 MURRAY ROSE AVE** 

- S2 ROOF

DA-10-6400

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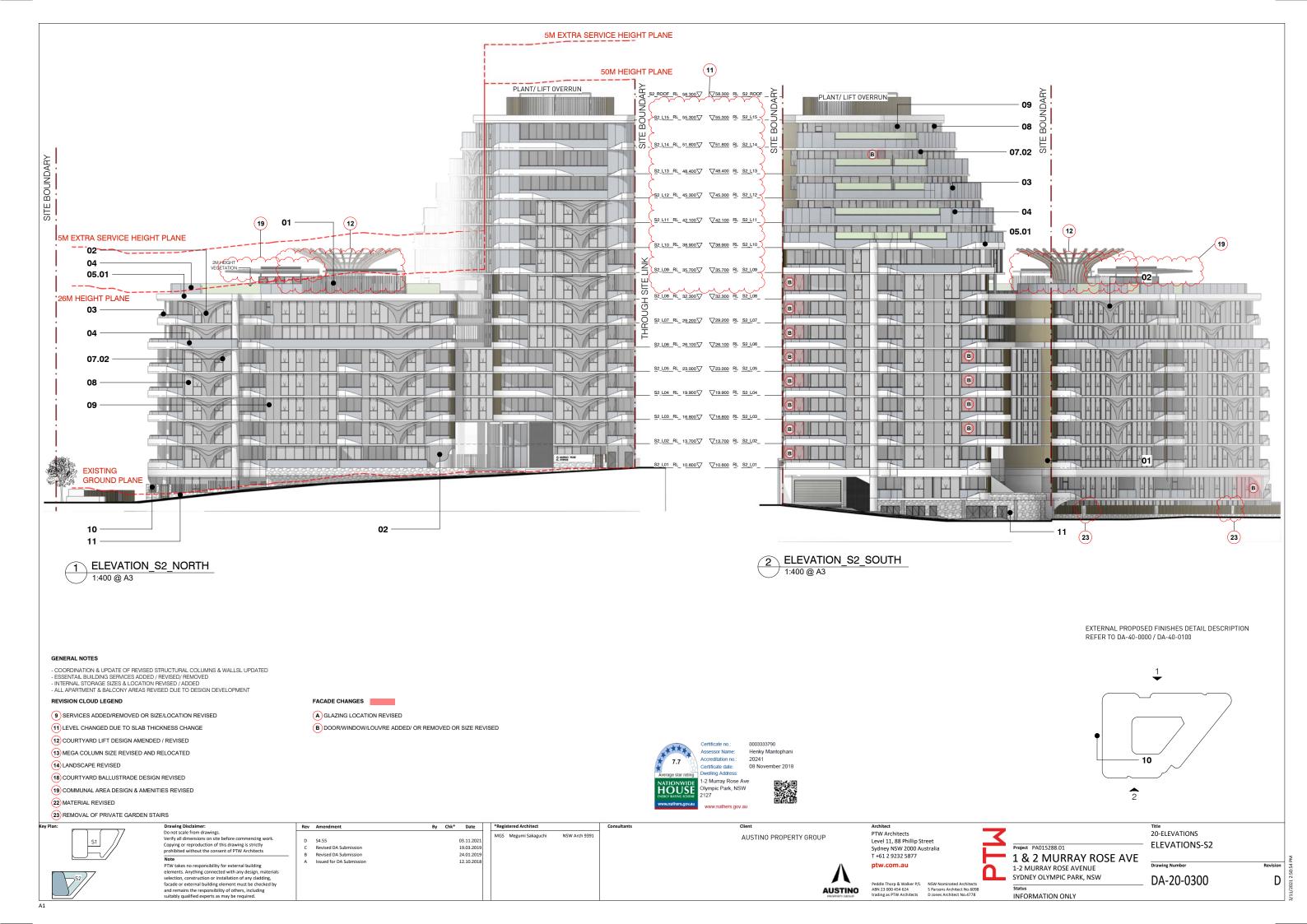
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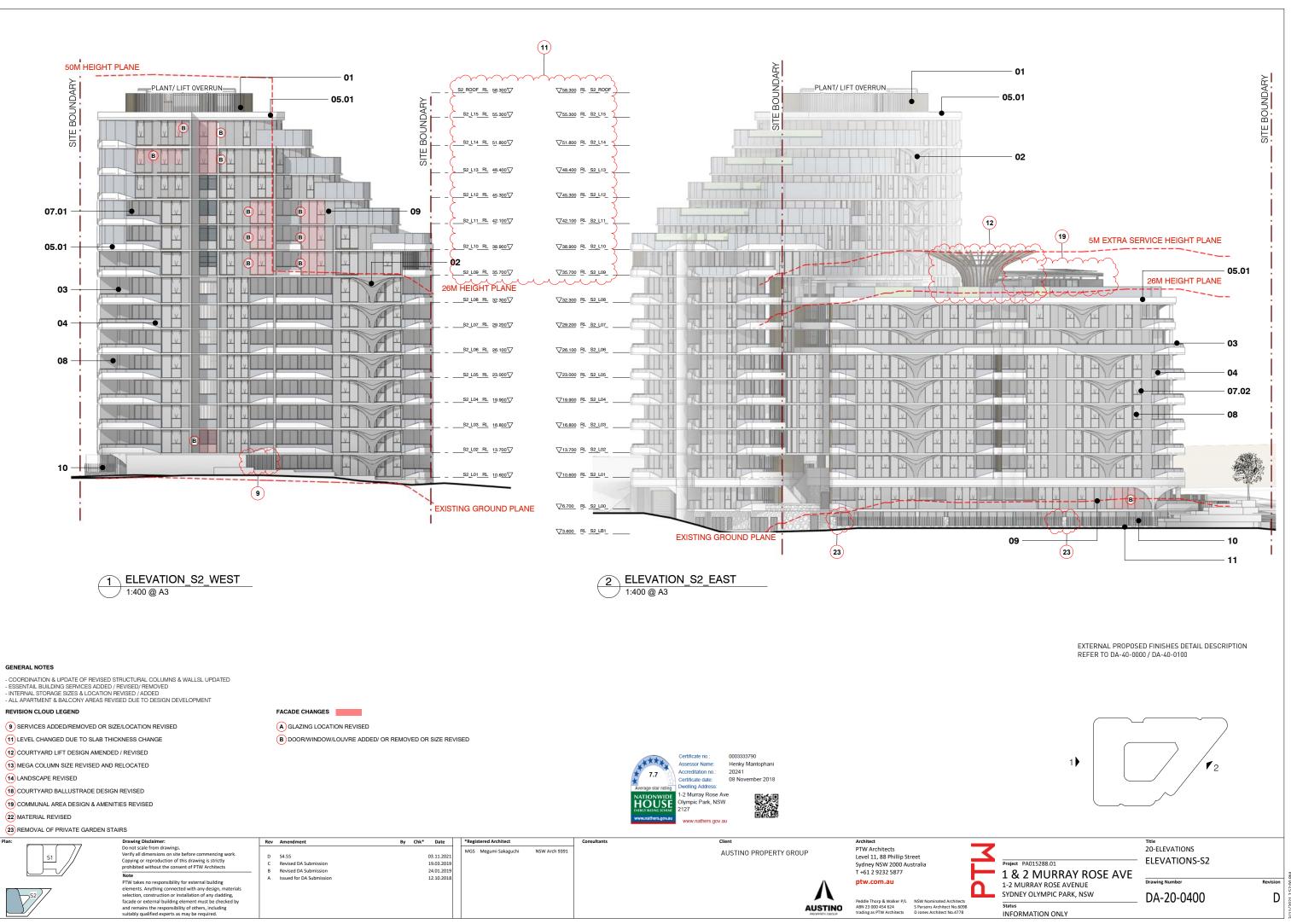
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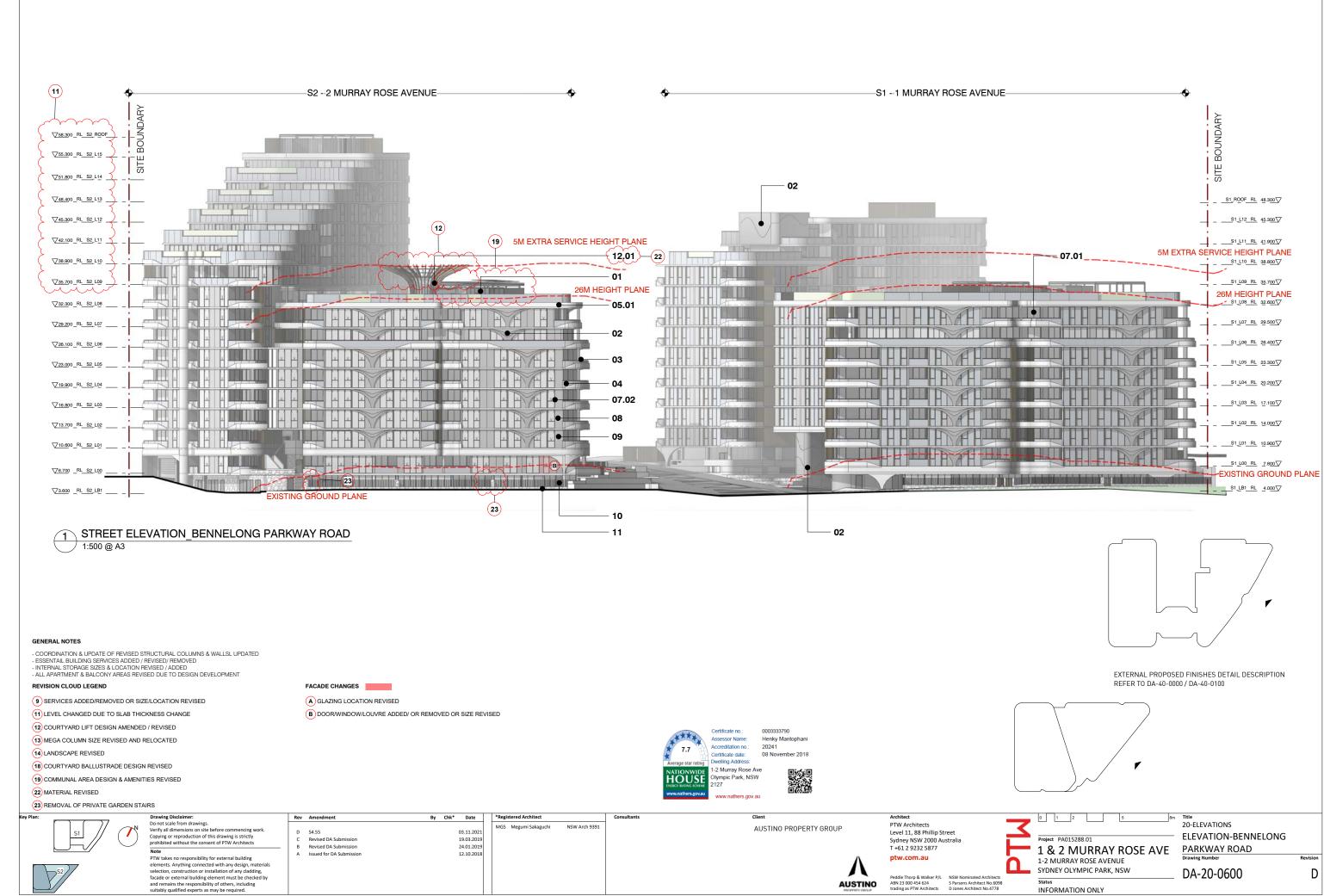
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ABN 23 000 454 624 S Parsons Architect No.6098
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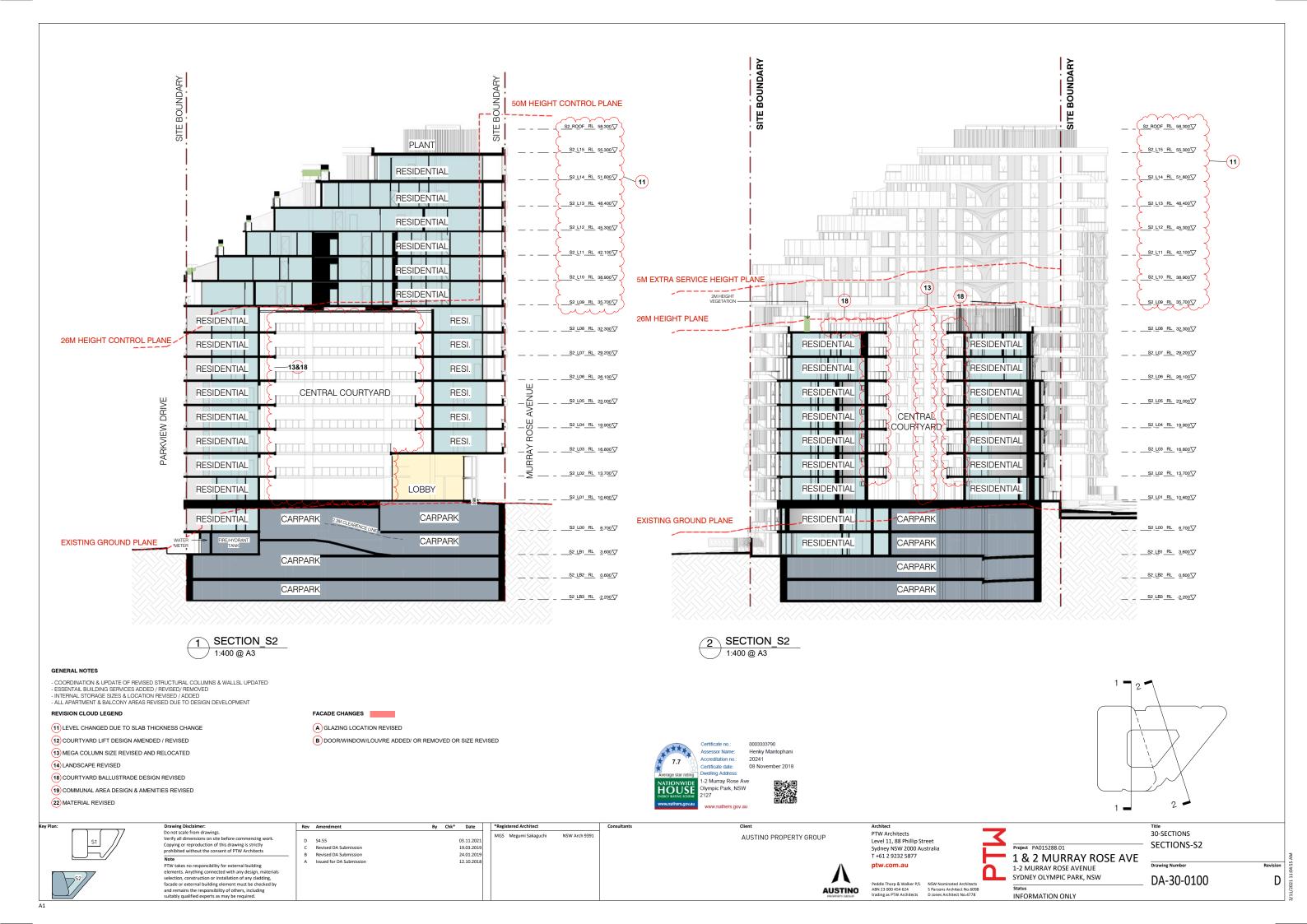


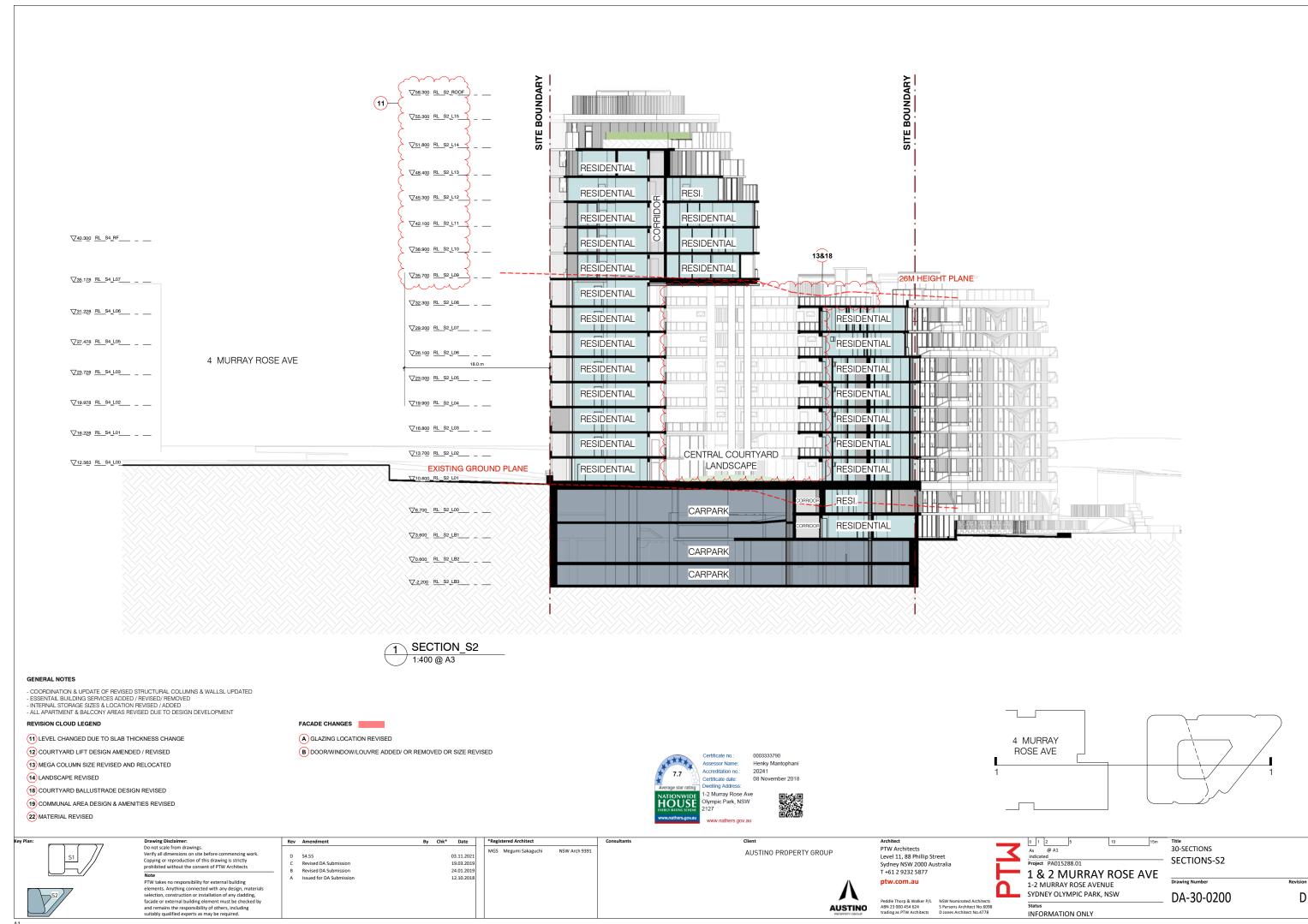


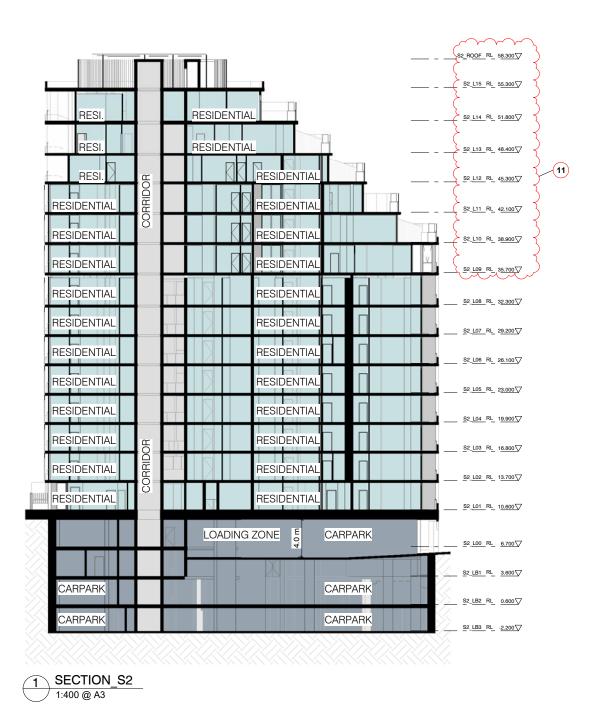
A1



A1







# **GENERAL NOTES**

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

# REVISION CLOUD LEGEND

- (11) LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- (12) COURTYARD LIFT DESIGN AMENDED / REVISED
- (13) MEGA COLUMN SIZE REVISED AND RELOCATED
- (14) LANDSCAPE REVISED
- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- (22) MATERIAL REVISED



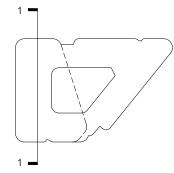
(A) GLAZING LOCATION REVISED

(B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED



NSW Arch 9391

Henky Mantophani



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By Chk* Date MGS Megumi Sakaguchi 03.11.202 17.05.201

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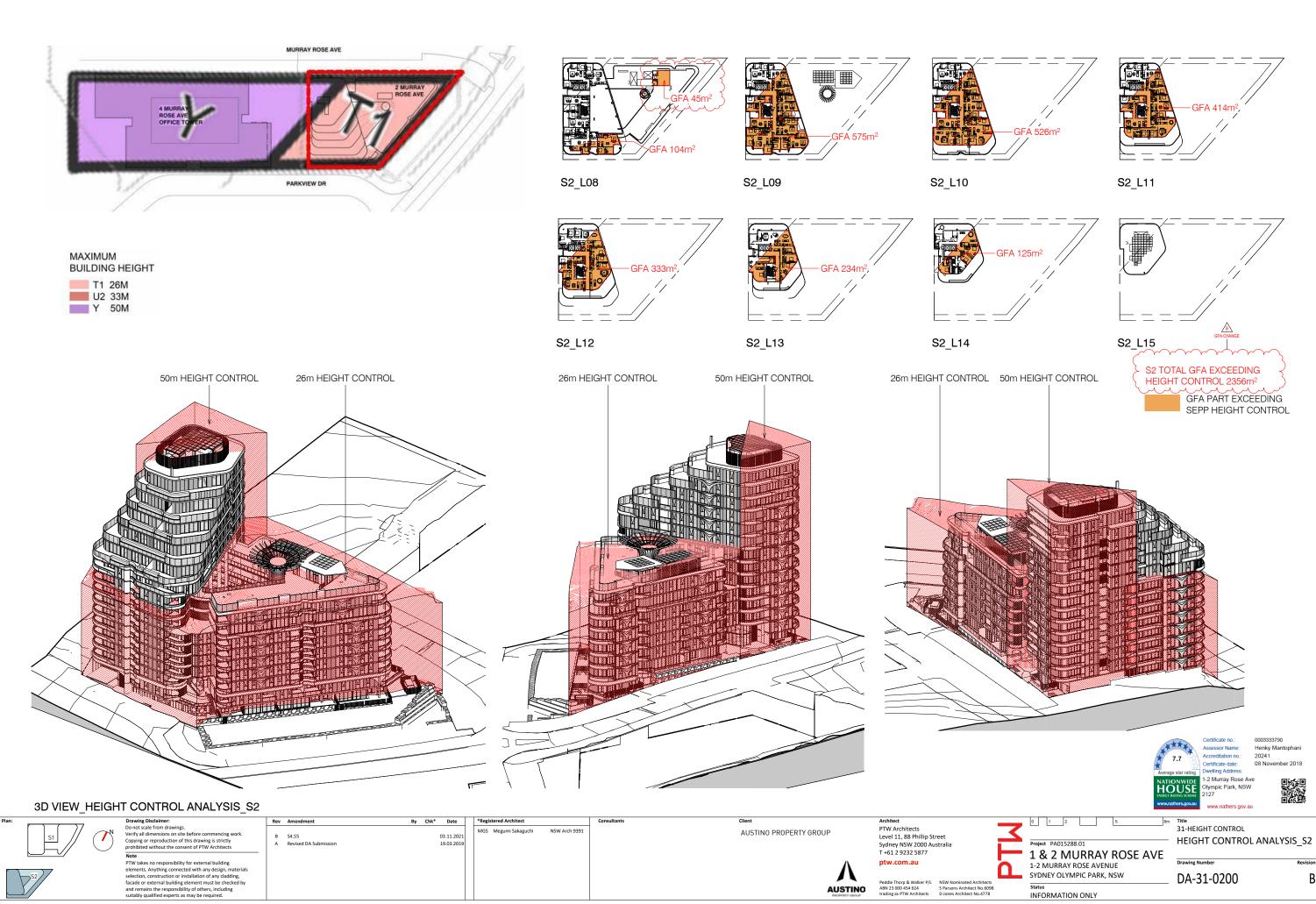
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0 1 2 5
As @ A1 indicated
Project PA015288.01 1 & 2 MURRAY ROSE AVE  $\cap$ 

INFORMATION ONLY

1-2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

Title 30-SECTIONS SECTIONS-S2 DA-30-0300 В



A1



- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED ESSENTAIL BUILDING SERVICES ADDED / REVISED / REMOVED INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

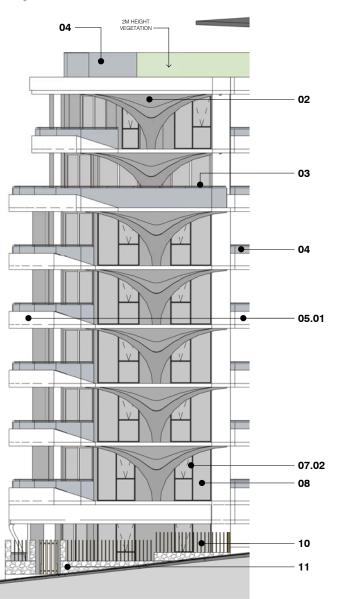
#### REVISION CLOUD LEGEND

- (11) LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- (12) COURTYARD LIFT DESIGN AMENDED / REVISED
- 13 MEGA COLUMN SIZE REVISED AND RELOCATED
- (14) LANDSCAPE REVISED
- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- 22 MATERIAL REVISED

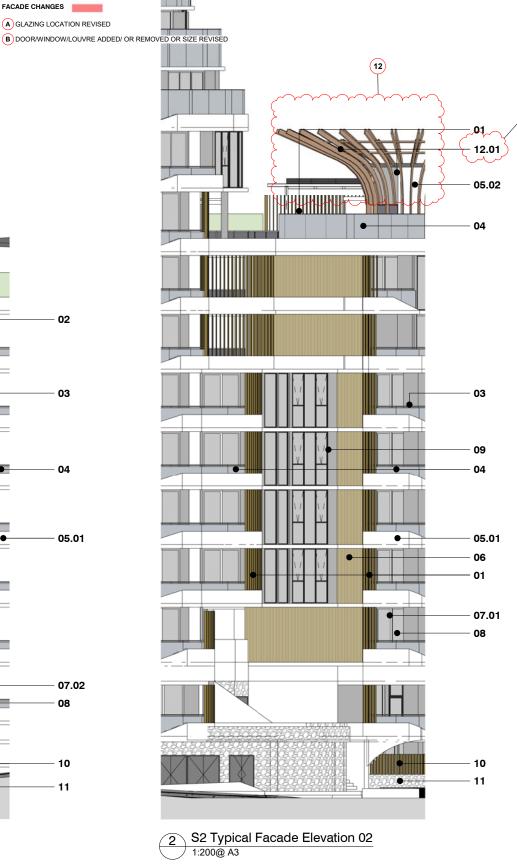


20241

Henky Mantophani



FACADE CHANGES





**Powder Coated Aluminium** Louvres in Champagne or Similar



05.02 Rendered Painted Finish in Dark Grey or Similar



07.01 **Powder Coated Aluminium** Window Frame in Bronze or



Clear Facade Glass



**Gabion Feature Wall Finish** or Similar

**AUSTINO** 



**Powder Coated Perforated** 



**Powder Coated Aluminium** Handrail in Charcoal Black or Similar



05.03 Render Painted Finish in **Light Grey or Similar** 



07.02 **Powder Coated Aluminium** Window Frame in Champagne or Similar



09 **Compressed Fibre Cement** in Dark Grey or Similar



12.01 **Patinted Steel Section in** Champagne



Clear Balustrade Glazing



05.01 Render Painted Finish in White



**Vertical Grove Solid Panel** in Champagne or Similar



**Powder Coated Slat Fence** Timber Look or Similar



13 **Courtyard Fritted Glass** Balustrade



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S2 Typical Facade Elevation 01

1:200@ A3

Issued for DA Submission

03.11.2021 24.01.2019

12.10.2018

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1 & 2 MURRAY ROSE AVE 1-2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

Title
40-EXTERNAL FACADE FINISH FACADE FINISH SCHEDULE-S2

DA-40-0100

(22)

#### GENERAL NOTES

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

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- (14) LANDSCAPE REVISED
- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- 22 MATERIAL REVISED



(A) GLAZING LOCATION REVISED

(B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED



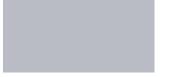
**Powder Coated Perforated Metal Screen in White** 



Render Painted Finish in White



Render Painted Finish in **Light Grey or Similar** 



07.01 **Powder Coated Aluminium** Window Frame in Light Grey or Similar



12.01 Patinted Steel Section in Champagne



**Courtyard Fritted Glass Balustrade** 



**Vertical Grove Solid Panel** in Champagne or Similar





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INFORMATION ONLY

- 05.01

- 08

07.01

Title
40-EXTERNAL FACADE FINISH FACADE FINISH SCHEDULE-S2 CENTRAL COURTYARD

DA-40-0200



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#### GENERAL NOTES

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED

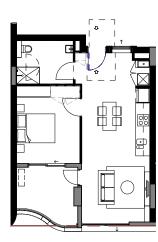
- ESSENTAL BUILDING SERVICES ADDED / REVISED / REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

# REVISION CLOUD LEGEND

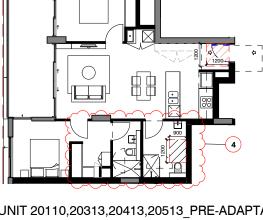
- 1) OVERALL APARTMENT LAYOUT REVISED
- 2 LAUNDRY AND/OR STORAGE LOCATION REVISED
- 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED
- 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED
- 5 KITCHEN TYPE AND/OR LOCATION REVISED
- 6 BEDROOM LAYOUT REVISED
- 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED
- (8) CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED
- 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED
- 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- 12 COURTYARD LIFT DESIGN AMENDED / REVISED
- 13 MEGA COLUMN SIZE REVISED AND RELOCATED
- 15 BASEMENT STORAGE SIZE/LOCATION REVISED
- 16 BASEMENT CAR PARKING ARRANGEMENT REVISED
- (17) LOBBY DESIGN REVISED
- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- 20) CARPARK ROLLER DOOR LOCATION REVISED
- (21) ADDITIONAL COVEX MIRROR IN CARPARK
- (22) REMOVAL OF SKYLIGHT
- 23 REMOVAL OF PRIVATE GARDEN STAIRS

# FACADE CHANGES

- (A) GLAZING LOCATION REVISED
- B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED



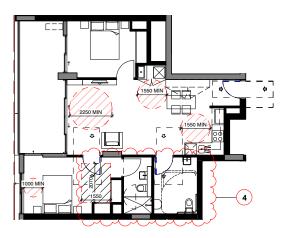
UNIT 20210,20311,20411,20511 PRE-ADAPTABLE 1:200 @ A3



UNIT 20110,20313,20413,20513_PRE-ADAPTABLE/ 3 UNIT 20212,20610,20710,20805_SILVER LIVABLE 1:200 @ A3



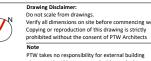
4 UNIT 20210,20311,20411,20511_POST-ADAPTABLE 1:200 @ A3



6 UNIT 20110,20313,20413,20513_POST-ADAPTABLE 1:200 @ A3







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Title 50-ADDITIONAL DETAIL ADAPTABLE UNITS-S2

DA-50-2000

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED

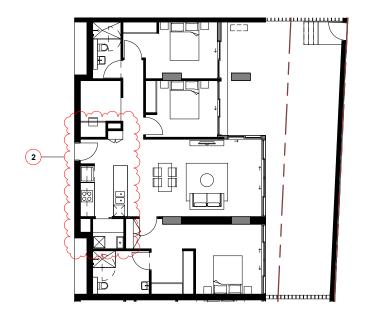
- ESSENTAL BUILDING SERVICES ADDED / REVISED / REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

## REVISION CLOUD LEGEND

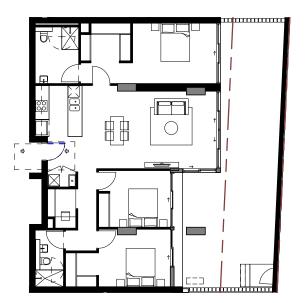
- 1) OVERALL APARTMENT LAYOUT REVISED
- 2 LAUNDRY AND/OR STORAGE LOCATION REVISED
- 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED
- 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED
- 5 KITCHEN TYPE AND/OR LOCATION REVISED
- 6 BEDROOM LAYOUT REVISED
- 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED
- (8) CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED
- 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED
- 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- 12 COURTYARD LIFT DESIGN AMENDED / REVISED
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- (17) LOBBY DESIGN REVISED
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- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
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- (21) ADDITIONAL COVEX MIRROR IN CARPARK
- (22) REMOVAL OF SKYLIGHT
- 23 REMOVAL OF PRIVATE GARDEN STAIRS

# FACADE CHANGES

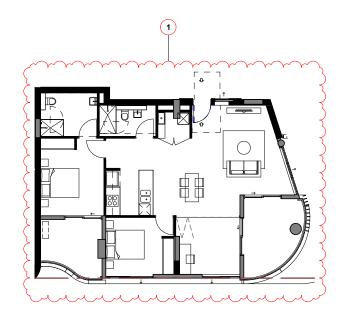
- (A) GLAZING LOCATION REVISED
- B DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED



UNIT 2B102 PRE-ADAPTABLE 1:200 @ A3



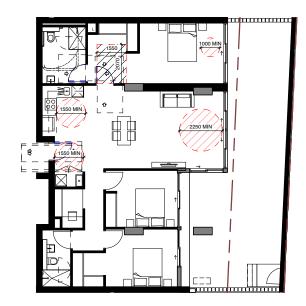
UNIT 2B103 PRE-ADAPTABLE 1:200 @ A3



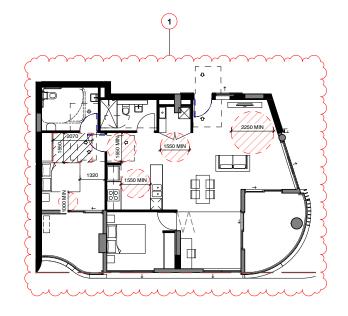
3 UNIT 20608,20708,20803_PRE-ADAPTABLE 1:400 @ A3



4 UNIT 2B102_POST-ADAPTABLE / 1:200 @ A3



UNIT 2B103 POST-ADAPTABLE 1:200 @ A3



6 UNIT 20608,20708,20803_POST-ADAPTABLE 1:400 @ A3



Accreditation no. 20241 1-2 Murray Rose Ave



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DA-50-2001



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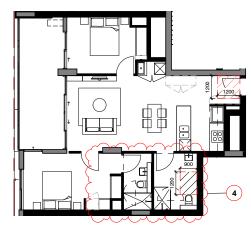
- ESSENTAL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
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## REVISION CLOUD LEGEND

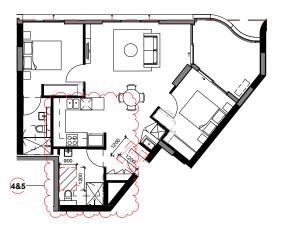
- 1 OVERALL APARTMENT LAYOUT REVISED
- 2 LAUNDRY AND/OR STORAGE LOCATION REVISED
- 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED
- 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED
- 5 KITCHEN TYPE AND/OR LOCATION REVISED
- 6 BEDROOM LAYOUT REVISED
- 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED
- (8) CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED
- 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED
- 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- 12 COURTYARD LIFT DESIGN AMENDED / REVISED
- 13 MEGA COLUMN SIZE REVISED AND RELOCATED
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- 16 BASEMENT CAR PARKING ARRANGEMENT REVISED
- (17) LOBBY DESIGN REVISED
- (18) COURTYARD BALLUSTRADE DESIGN REVISED
- (19) COMMUNAL AREA DESIGN & AMENITIES REVISED
- 20) CARPARK ROLLER DOOR LOCATION REVISED
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- (22) REMOVAL OF SKYLIGHT
- 23 REMOVAL OF PRIVATE GARDEN STAIRS

# FACADE CHANGES

- (A) GLAZING LOCATION REVISED
- B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED



UNIT 20212,20610,20710,20805_SILVER LIVABLE 1:200 @ A3



UNIT 20103,20204,20305,20405,20505_SILVER LIVABLE 1:200 @ A3



3 UNIT 20903,21003,21103_SILVER LIVABLE / 1:200 @ A3



4 UNIT 21004 SILVER LIVABLE 1:200 @ A3



20241





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ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778



SYDNEY OLYMPIC PARK, NSW

Title 50-ADDITIONAL DETAIL SILVER LIVABLE UNITS-S2

DA-50-2100



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- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
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   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

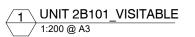
## REVISION CLOUD LEGEND

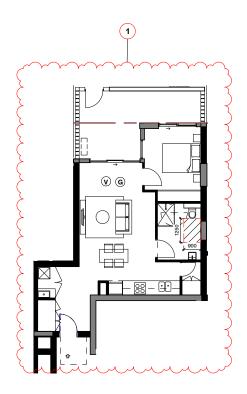
- 1) OVERALL APARTMENT LAYOUT REVISED
- 2 LAUNDRY AND/OR STORAGE LOCATION REVISED
- 3 RESIDENTIAL CORE REVISED, LIFT SIZE ADJUSTED
- 4 BATHROOM AND/OR STORAGE LOCATION/LAYOUT REVISED
- 5 KITCHEN TYPE AND/OR LOCATION REVISED
- 6 BEDROOM LAYOUT REVISED
- 7 LIVABLE / ADAPTABLE/ AFFORDABLE UNIT REVISED, ADDED OR REMOVED
- 8 CORE CONFIGURATION AMENDED & FIRESTAIR EGRESS PATH REVISED
- 9 SERVICES ADDED/REMOVED OR SIZE/LOCATION REVISED
- (10) GARBAGE ROOM REVISED
- 11 LEVEL CHANGED DUE TO SLAB THICKNESS CHANGE
- 12 COURTYARD LIFT DESIGN AMENDED / REVISED
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- (22) REMOVAL OF SKYLIGHT
- 23 REMOVAL OF PRIVATE GARDEN STAIRS

# FACADE CHANGES

- (A) GLAZING LOCATION REVISED
- B) DOOR/WINDOW/LOUVRE ADDED/ OR REMOVED OR SIZE REVISED







2 UNIT 20101_VISITABLE 1:200 @ A3









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0 1 2 5
As @ A1 indicated
Project PA015288 **1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

Title 50-ADDITIONAL DETAIL VISITABLE UNITS-S2

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03.11.202 12.10.201

NSW Arch 9391

**AUSTINO** 

PTW Architects

Peddle Thorp & Walker P/L
ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

- * DETAILED REVISION DESCRIPTIONS REFER TO GENERAL ARRANGEMENT PLANS

# STORAGE SCHEDLE_S2

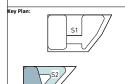
		_	TORAGE SCHEL	-		
SITE/ LEVEL	APARTMENT NUMBER	APARTMENT TYPE	TOTAL REQUIRED STORAGE	MAX COUNTABLE EXTERNAL STORAGE	TOTAL INTERNAL STORAGE	TOTAL STORAGE
S2 LB1	2.B1.01	3B-3	10.00 m ³	5.00 m ³	13.71 m ³	18.71
S2_LB1	2.B1.02	3B-1	10.00 m ³	5.00 m ³	21.44 m ³	26.44
S2_LB1	2.B1.03	3B-2	10.00 m ³	5.00 m ³	7.92 m ³	12.92
S2_L00	2.00.01	3B-4	10.00 m ³	5.00 m ³	5.10 m ³	10.1
S2_L00 S2_L00	2.00.02	1B-3 1B-1	6.00 m ³	3.00 m ³	10.50 m ³	13.5 6.47
S2_L00	2.00.03 2.00.04	1B-2	6.00 m ³ 6.00 m ³	3.00 m ³ 3.00 m ³	3.47 m ³ 3.14 m ³	6.14
S2 L00	2.00.05	1B-1	6.00 m ³	3.00 m ³	3.49 m ³	6.49
S2 L00	2.00.06	2B-1	8.00 m ³	4.00 m ³	25.27 m ³	29.27
_						
S2_L01	2.01.01	1B-5	6.00 m ³	3.00 m ³	6.03 m ³	9.03
S2_L01	2.01.02	2B-6	8.00 m ³	4.00 m ³	5.63 m ³	9.63
S2_L01	2.01.03	2B-7	8.00 m ³	4.00 m ³	4.18 m³	8.18
S2_L01	2.01.04	3B-4	10.00 m ³	5.00 m ³	25.49 m ³	30.49
S2_L01 S2_L01	2.01.05 2.01.06	1B-4 2B-3	6.00 m ³ 8.00 m ³	3.00 m ³ 4.00 m ³	9.65 m ³ 16.00 m ³	12.65 20
S2_L01	2.01.07	2B-3	8.00 m ³	4.00 m ³	16.00 m ³	20
S2_L01	2.01.08	2B-2	8.00 m ³	4.00 m ³	30.63 m ³	34.63
S2 L01	2.01.09	2B-4	8.00 m ³	4.00 m ³	16.93 m ³	20.93
S2_L01	2.01.10	2B-5	8.00 m ³	4.00 m ³	4.24 m ³	8.24
S2_L02	2.02.01	2B-9	8.00 m ³	4.00 m ³	19.60 m ³	23.6
S2_L02	2.02.02	1B-7	6.00 m ³	3.00 m ³	3.37 m ³	6.37
S2_L02	2.02.03	1B-6	6.00 m ³	3.00 m ³	4.39 m³	7.39
S2_L02	2.02.04	2B-7	8.00 m ³	4.00 m ³	4.21 m ³	8.21
S2_L02	2.02.05	3B-4 1B-4	10.00 m ³	5.00 m ³	25.74 m ³	30.74
S2_L02 S2_L02	2.02.06 2.02.07	2B-3	6.00 m ³ 8.00 m ³	3.00 m ³ 4.00 m ³	10.82 m ³ 16.72 m ³	13.82 20.72
S2_L02	2.02.08	2B-3	8.00 m ³	4.00 m ³	16.72 m ³	20.72
S2 L02	2.02.09	2B-8	8.00 m ³	4.00 m ³	22.95 m ³	26.95
S2 L02	2.02.10	1B-9	6.00 m ³	3.00 m ³	3.49 m ³	6.49
S2_L02	2.02.11	2B-4	8.00 m ³	4.00 m ³	16.95 m ³	20.95
S2_L02	2.02.12	2B-5	8.00 m ³	4.00 m ³	5.33 m ³	9.33
S2_L02	2.02.13	1B-8	6.00 m ³	3.00 m ³	3.29 m ³	6.29
				(		
S2_L03	2.03.01	2B-9	8.00 m ³	4.00 m ³	16.19 m ³	20.19
S2_L03	2.03.02	2B-10	8.00 m ³	4.00 m ³	17.50 m ³	21.5
S2_L03 S2_L03	2.03.03	1B-7 1B-6	6.00 m ³ 6.00 m ³	3.00 m ³ 3.00 m ³	3.37 m ³ 4.47 m ³	6.37 7.47
S2 L03	2.03.05	2B-7	8.00 m ³	4.00 m ³	4.18 m ³	8.18
S2 L03	2.03.06	3B-4	10.00 m ³	5.00 m ³	25.35 m ³	30.35
S2 L03	2.03.07	1B-4	6.00 m ³	3.00 m ³	9.65 m ³	12.65
S2_L03	2.03.08	2B-3	8.00 m ³	4.00 m ³	16.05 m ³	20.05
S2_L03	2.03.09	2B-3	8.00 m ³	4.00 m ³	16.00 m ³	20
S2_L03	2.03.10	2B-8	8.00 m ³	4.00 m ³	22.95 m ³	26.95
S2_L03	2.03.11	1B-9	6.00 m ³	3.00 m ³	3.49 m³	6.49
S2_L03	2.03.12	2B-4	8.00 m ³	4.00 m ³	16.90 m ³	20.9
S2_L03	2.03.13	2B-5 1B-8	8.00 m ³	4.00 m ³	5.10 m ³	9.1 6.29
S2_L03	2.03.14	1D-0	6.00 m ³	3.00 m ³	3.29 m ³	0.29
S2 L04	2.04.01	2B-9	8.00 m ³	4.00 m ³	16.19 m ³	20.19
S2_L04	2.04.02	2B-10	8.00 m ³	4.00 m ³	17.50 m ³	21.5
S2_L04	2.04.03	1B-7	6.00 m ³	3.00 m ³	3.37 m ³	6.37
S2_L04	2.04.04	1B-6	6.00 m ³	3.00 m ³	4.47 m ³	7.47
S2_L04	2.04.05	2B-7	8.00 m ³	4.00 m ³	4.18 m ³	8.18
S2_L04	2.04.06	3B-4	10.00 m ³	5.00 m ³	25.35 m ³	30.35
S2_L04	2.04.07	1B-4	6.00 m ³	3.00 m ³	9.65 m ³	12.65
S2_L04	2.04.08	2B-3	8.00 m ³	4.00 m ³	16.05 m ³	20.05
S2_L04 S2_L04	2.04.09	2B-3	8.00 m ³	4.00 m ³	16.00 m ³	20
S2_L04 S2_L04	2.04.10 2.04.11	2B-8 1B-9	8.00 m ³ 6.00 m ³	4.00 m ³ 3.00 m ³	22.95 m ³ 3.49 m ³	26.95 6.49
S2_L04	2.04.11	2B-4	8.00 m ³	4.00 m ³	16.90 m ³	20.9
S2 L04	2.04.13	2B-5	8.00 m ³	4.00 m ³	4.87 m ³	8.87
S2 L04	2.04.14	1B-8	6.00 m ³	3.00 m ³	3.02 m ³	6.02
S2_L05	2.05.01	2B-9	8.00 m ³	4.00 m ³	16.19 m ³	20.19
S2_L05	2.05.02	2B-10	8.00 m ³	4.00 m ³	17.50 m ³	21.5
	2.05.03	1B-7	6.00 m ³	3.00 m ³	3.37 m ³	6.37
S2_L05						
S2_L05 S2_L05 S2_L05	2.05.04 2.05.05	1B-6 2B-7	6.00 m ³ 8.00 m ³	3.00 m ³ 4.00 m ³	4.47 m ³ 4.18 m ³	7.47 8.18

# STORAGE SCHEDLE_S2

TOTAL STORA	STORAGE	MAX COUNTABLE EXTERNAL STORAGE	STORAGE	APARTMENT TYPE	APARTMENT NUMBER	SITE/ LEVEL
30.35	25.35 m ³	5.00 m ³	10.00 m ³	3B-4	2.05.06	S2_L05
12.65	9.65 m ³	3.00 m ³	6.00 m ³	1B-4	2.05.07	S2 L05
20.05	16.05 m ³	4.00 m ³	8.00 m ³	2B-3	2.05.08	S2 L05
20	16.00 m ³	4.00 m ³	8.00 m ³	2B-3	2.05.09	S2 L05
26.95	22.95 m ³	4.00 m ³	8.00 m ³	2B-8	2.05.10	S2 L05
6.49	3.49 m ³	3.00 m ³	6.00 m ³	1B-9	2.05.11	S2 L05
						_
20.9	16.90 m ³	4.00 m ³	8.00 m ³	2B-4	2.05.12	S2_L05
8.87	4.87 m ³	4.00 m ³	8.00 m ³	2B-5	2.05.13	S2_L05
6.02	3.02 m ³	3.00 m ³	6.00 m ³	1B-8	2.05.14	S2_L05
20.25	16.25 m ³	4.00 m ³	8.00 m ³	2B-9	2.06.01	S2 L06
6.74		<u> </u>		1B-10		S2 L06
	3.74 m³	3.00 m ³	6.00 m ³		2.06.02	_
9.38	5.38 m ³	4.00 m ³	8.00 m ³	2B-14	2.06.03	S2_L06
16.93	12.93 m ³	4.00 m ³	8.00 m ³	2B-11	2.06.04	S2_L06
10.76	5.76 m ³	5.00 m ³	10.00 m ³	3B-5	2.06.05	S2_L06
8.97	4.97 m ³	4.00 m ³	8.00 m ³	2B-12	2.06.06	S2_L06
17.22	12.22 m ³	5.00 m ³	10.00 m ³	3B-6	2.06.07	S2 L06
31.95	27.95 m ³	4.00 m ³	8.00 m ³	2B-13	2.06.08	S2 L06
20.9	16.90 m ³	4.00 m ³	8.00 m ³	2B-4	2.06.09	S2 L06
9.1	5.10 m ³	4.00 m ³	8.00 m ³	2B-5	2.06.10	S2 L06
						_
6.29	3.29 m ³	3.00 m ³	6.00 m ³	1B-8	2.06.11	S2_L06
20.23	16.23 m ³	4.00 m ³	8.00 m ³	2B-9	2.07.01	S2 L07
		3.00 m ³				_
6.74	3.74 m ³	4.00 m ³	6.00 m ³	1B-10	2.07.02	S2_L07
8.06	4.06 m ³		8.00 m ³	2B-14	2.07.03	S2_L07
16.55	12.55 m ³	4.00 m ³	8.00 m ³	2B-11	2.07.04	S2_L07
10.78	5.78 m ³	5.00 m ³	10.00 m ³	3B-5	2.07.05	S2_L07
9.28	5.28 m ³	4.00 m ³	8.00 m ³	2B-15	2.07.06	S2_L07
19.39	15.39 m ³	4.00 m ³	8.00 m ³	2B-16	2.07.07	S2 L07
31.8	27.80 m ³	4.00 m ³	8.00 m ³	2B-13	2.07.08	S2 L07
20.97	16.97 m ³	4.00 m ³	8.00 m ³	2B-4	2.07.09	S2 L07
9,1	5.10 m ³	4.00 m ³	8.00 m ³	2B-5	2.07.10	S2 L07
		<u> </u>				
6.29	3.29 m ³	3.00 m ³	6.00 m ³	1B-8	2.07.11	S2_L07
8.37	4.37 m ³	4.00 m ³	8.00 m ³	2B-9	2.08.01	S2 L08
6.74	3.74 m ³	3.00 m ³	6.00 m ³	1B-10	2.08.02	S2 L08
						_
31.78	27.78 m ³	4.00 m ³	8.00 m ³	2B-13	2.08.03	S2_L08
20.9	16.90 m ³	4.00 m ³	8.00 m ³	2B-4	2.08.04	S2_L08
8.64	4.64 m ³	4.00 m ³	8.00 m ³	2B-5	2.08.05	S2_L08
6.29	3.29 m ³	3.00 m ³	6.00 m ³	1B-8	2.08.06	S2_L08
00.67	10.67 3	4.00 == 2	0.00 3	00.0	0.00.01	00 1 00
23.67	19.67 m ³	4.00 m ³	8.00 m ³	2B-9	2.09.01	S2_L09
24.62	20.62 m ³	4.00 m ³	8.00 m ³	2B-18	2.09.02	S2_L09
8.39	4.39 m ³	4.00 m ³	8.00 m ³	2B-19	2.09.03	S2_L09
8.7	4.70 m ³	4.00 m ³	8.00 m ³	2B-20	2.09.04	S2_L09
12.39	8.39 m ³	4.00 m ³	8.00 m ³	2B-21	2.09.05	S2_L09
11.01	6.01 m ³	5.00 m ³	10.00 m ³	3B-7	2.09.06	S2_L09
25.25	21.25 m ³	4.00 m ³	8.00 m ³	2B-17	2.09.07	S2_L09
23.67	19.67 m ³	4.00 m ³	8.00 m ³	2B-9	2.10.01	S2_L10
24.63	20.63 m ³	4.00 m ³	8.00 m ³	2B-18	2.10.02	S2 L10
8.42	4.42 m ³	4.00 m ³	8.00 m ³	2B-19	2.10.03	S2_L10
13.49	8.49 m ³	5.00 m ³	10.00 m ³	3B-9	2.10.04	S2_L10
	11.65 m ³	5.00 m ³				
16.65			10.00 m ³	3B-8	2.10.05	S2_L10
25.25	21.25 m ³	4.00 m ³	8.00 m ³	2B-17	2.10.06	S2_L10
8.37	4.37 m ³	4.00 m ³	8.00 m ³	2B-9	2.11.01	S2 L11
10.08	6.08 m ³	4.00 m ³	8.00 m ³	2B-18	2.11.02	S2_L11
8.39	4.39 m ³	4.00 m ³	8.00 m ³	2B-19	2.11.03	S2_L11
12.52	7.52 m ³	5.00 m ³	10.00 m ³	3B-10	2.11.04	S2_L11
25.25	21.25 m ³	4.00 m ³	8.00 m ³	2B-17	2.11.05	S2_L11
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				
43.12	38.12 m ³	5.00 m ³	10.00 m ³	3B-12	2.12.01	S2_L12
14.24	9.24 m ³	5.00 m ³	10.00 m ³	3B-11	2.12.02	S2_L12
18.66	13.66 m ³	5.00 m ³	10.00 m ³	3B-13	2.12.03	S2 L12
		}				_
53.44	48.44 m³	5.00 m ³	10.00 m ³	4B-14	2.13.01	S2 L13
		<b> </b>				
41.08	36.08 m ³	5.00 m ³	10.00 m ³	4B-1	2.14.01	S2 L14



Henky Mantophani 20241 Assessor Name: Accreditation no.:



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suitably qualified experts as may be required.

v	Amendment	Ву	Chk*	Date
	S4.55			03.11.2021
	Revised DA Submission			19.03.2019

NSW Arch 9391 MGS Megumi Sakaguchi

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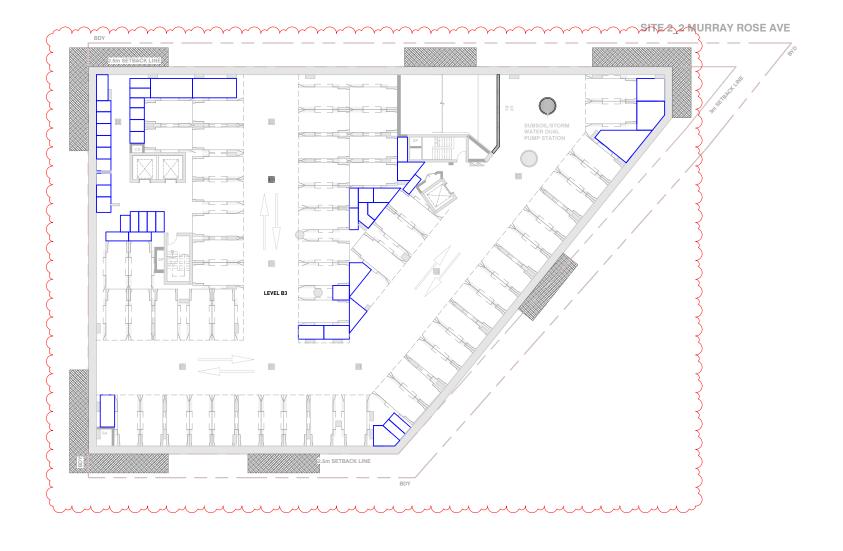


INFORMATION ONLY

Title
70-STORAGE SCHEDULES AND PLANS STORAGE SCHEDULE_S2

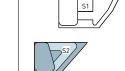
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By Chk* Date

03.11.2021 19.03.2019

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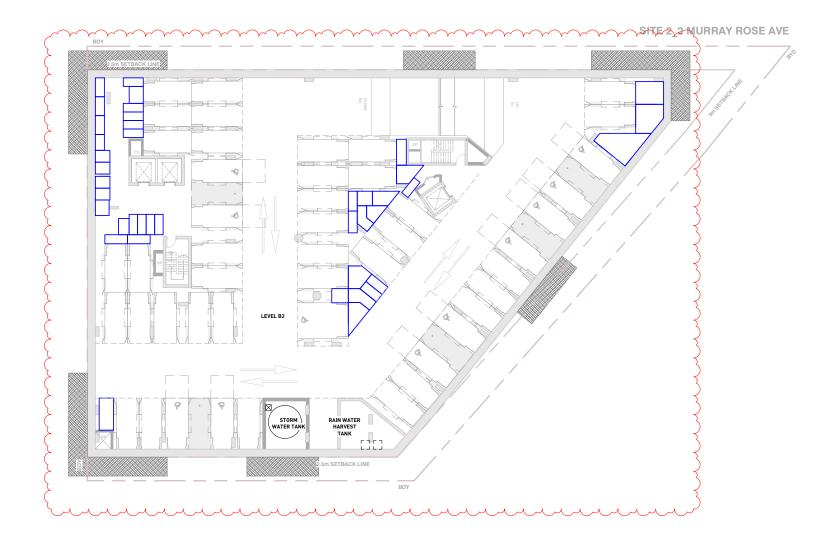
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SYDNEY OLYMPIC PARK, NSW

70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL B3

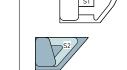
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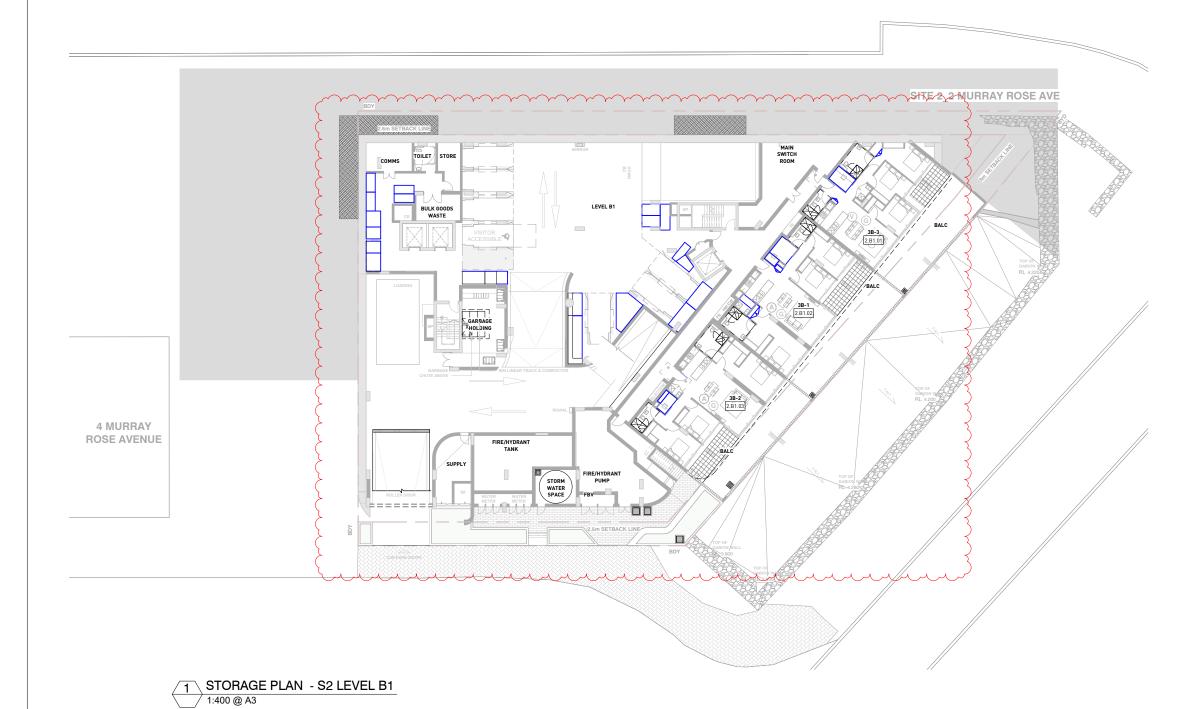
O 1 2 5
As @ A1 indicated Project PA015288 **1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL B2

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
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1-2 Murray Rose Ave

20241



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INFORMATION ONLY

70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL B1

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
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0 1 2 5
As @ A1 indicated
Project PA015288 **1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 00

DA-70-2600

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NSW Arch 9391 03.11.2021 19.03.2019

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   ALL APARTMENT & BALCONY AREAS REVISED DUE TO DESIGN DEVELOPMENT

## * DETAILED REVISION DESCRIPTIONS REFER TO GENERAL ARRANGEMENT PLANS







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03.11.2021 19.03.2019

NSW Arch 9391

Austino Sydney Olympic Park Pty Ltd



PTW Architects Level 11, 88 Phillip Street Sydney NSW 2000 Australia T +61 2 9232 5877



Peddle Thorp & Walker P/L
ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778



INFORMATION ONLY

Title
70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 01

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
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1 STORAGE PLAN - S2 LEVEL 02 1:400 @ A3



Accreditation no.: Certificate date: Dwelling Addres 1-2 Murray Rose Ave

20241



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03.11.202 19.03.201

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trading as PTW Architects D Jones Architect No.4778



INFORMATION ONLY

Title
70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 02

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
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2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

0 1 2 5
As @ A1 indicated
Project PA015288 Title
70-STORAGE SCHEDULES AND PLANS **1&2 MURRAY ROSE AVE** 

STORAGE PLAN - S2 LEVEL 03 -

DA-70-2900

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By Chk* Date

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1 STORAGE PLAN - S2 LEVEL 06 1:400 @ A3



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Title
70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 06

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   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
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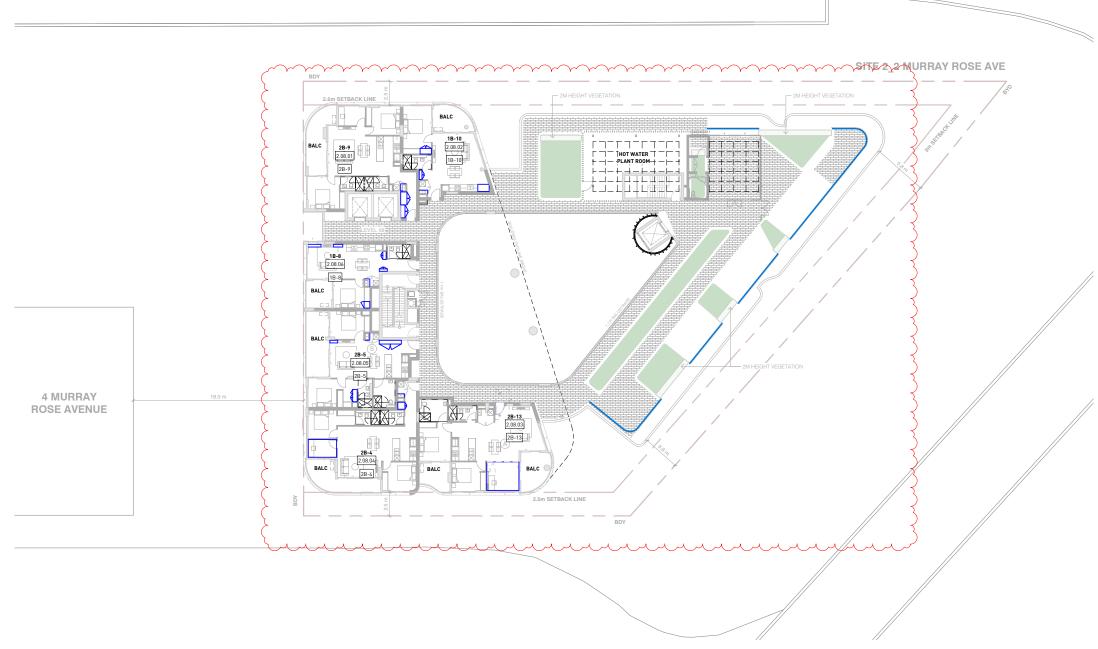
SYDNEY OLYMPIC PARK, NSW Peddle Thorp & Walker P/L
ABN 23 000 454 624 S Parsons Architect No.6098
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0 1 2 5
As @ A1 indicated
Project PA015288 **1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE

Title
70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 07

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
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Henky Mantophani 20241





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NSW Arch 9391 MGS Megumi Sakaguchi

By Chk* Date

03.11.2021 19.03.2019

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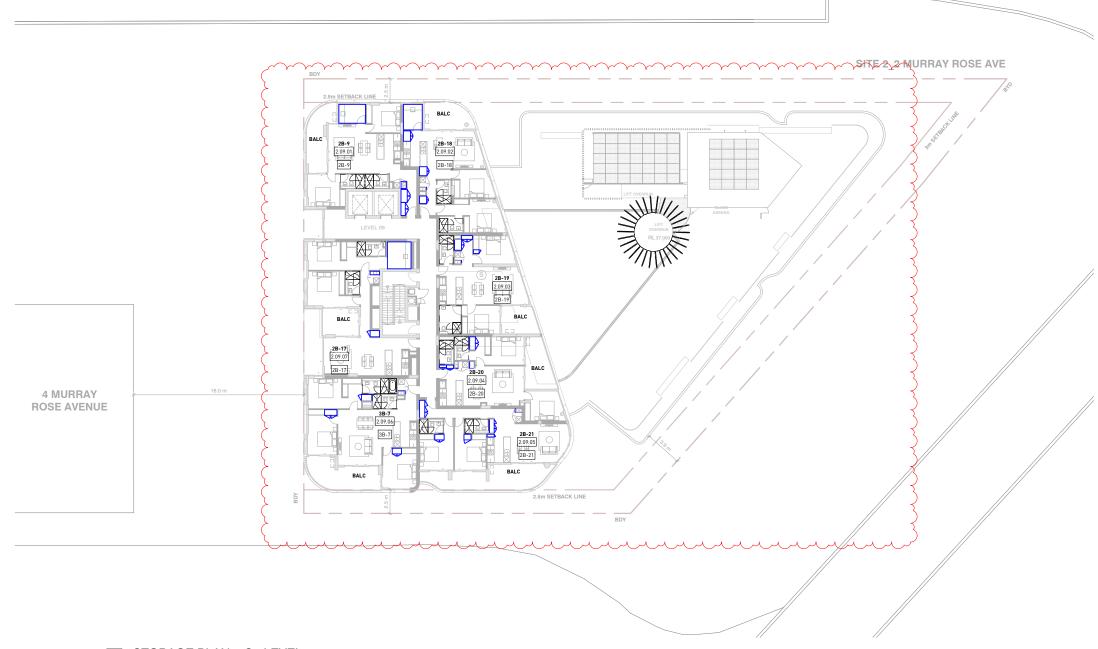
Title
70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 08

DA-70-3200

В

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
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1 STORAGE PLAN - S2 LEVEL 09 1:400 @ A3



20241 1-2 Murray Rose Ave

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By Chk* Date NSW Arch 9391 03.11.2021 19.03.2019

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SYDNEY OLYMPIC PARK, NSW

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Title
70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 09

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1 STORAGE PLAN - S2 LEVEL 10 1:400 @ A3



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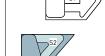
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O 1 2 5
As @ A1 indicated Project PA015288 **1&2 MURRAY ROSE AVE** 2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

INFORMATION ONLY

70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 10

DA-70-3400



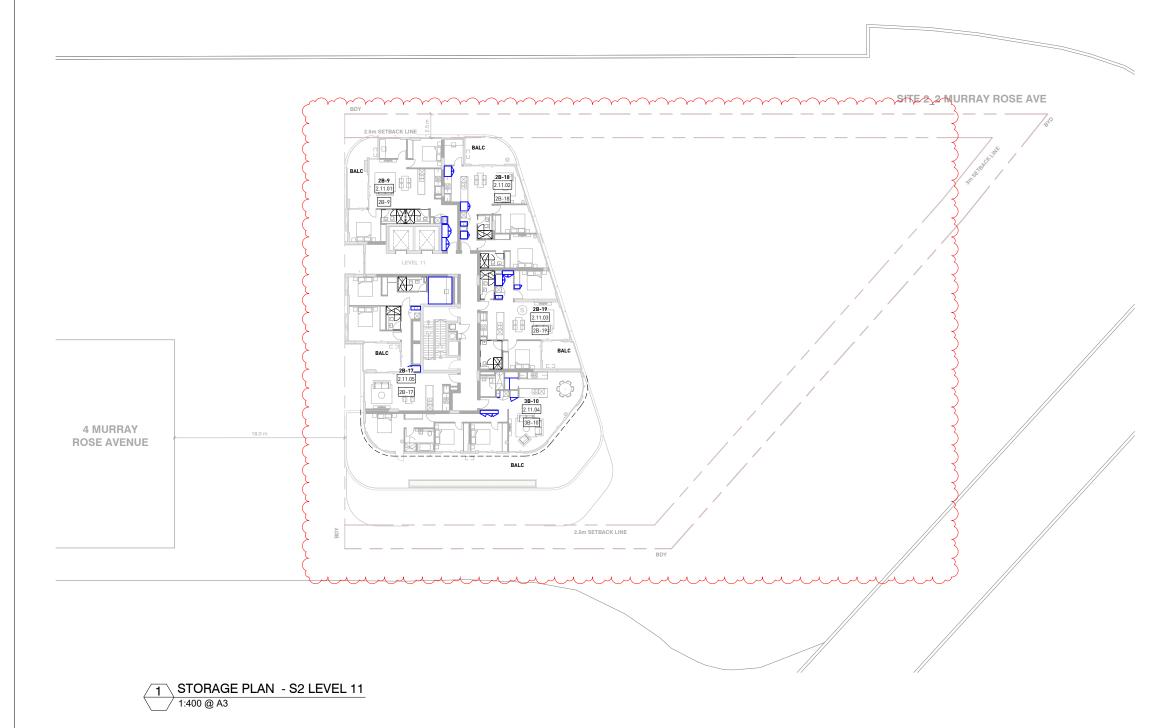
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By Chk* Date NSW Arch 9391 03.11.2021 19.03.2019

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70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 11

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   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
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1 STORAGE PLAN - S2 LEVEL 12 1:400 @ A3



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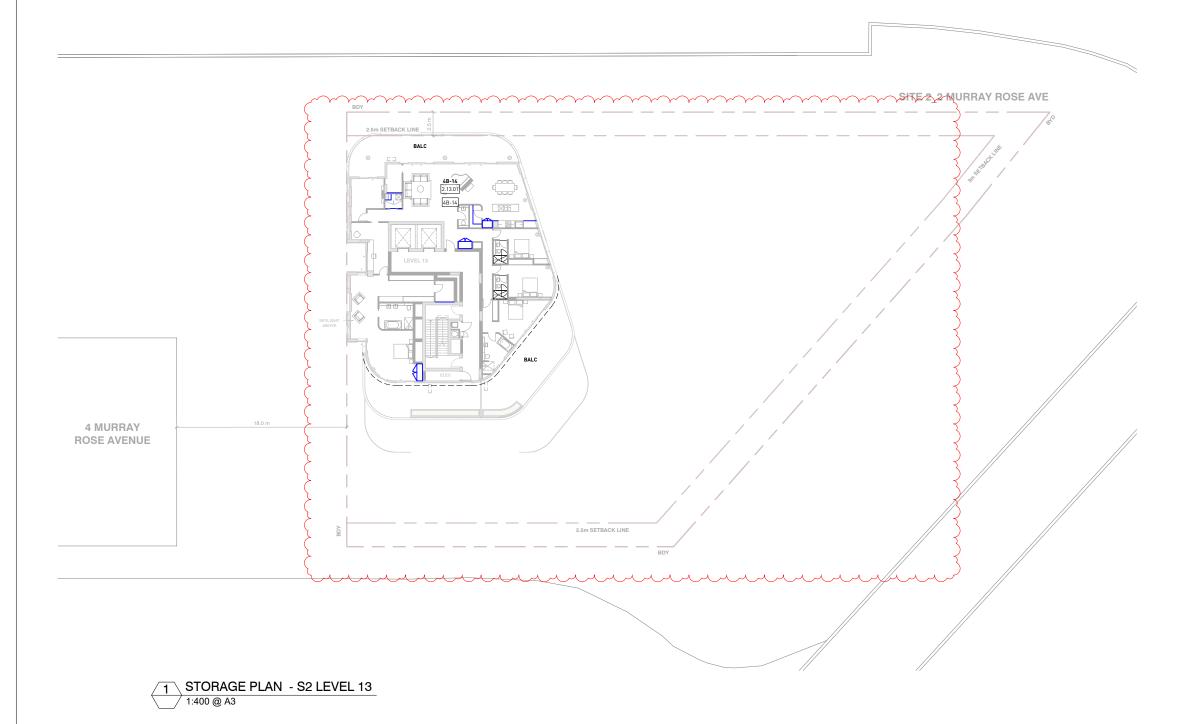


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70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 12

- COORDINATION & UPDATE OF REVISED STRUCTURAL COLUMNS & WALLSL UPDATED
   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
   INTERNAL STORAGE SIZES & LOCATION REVISED / ADDED
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2 MURRAY ROSE AVENUE

O 1 2 5
As @ A1 indicated Project PA015288 **1&2 MURRAY ROSE AVE** 

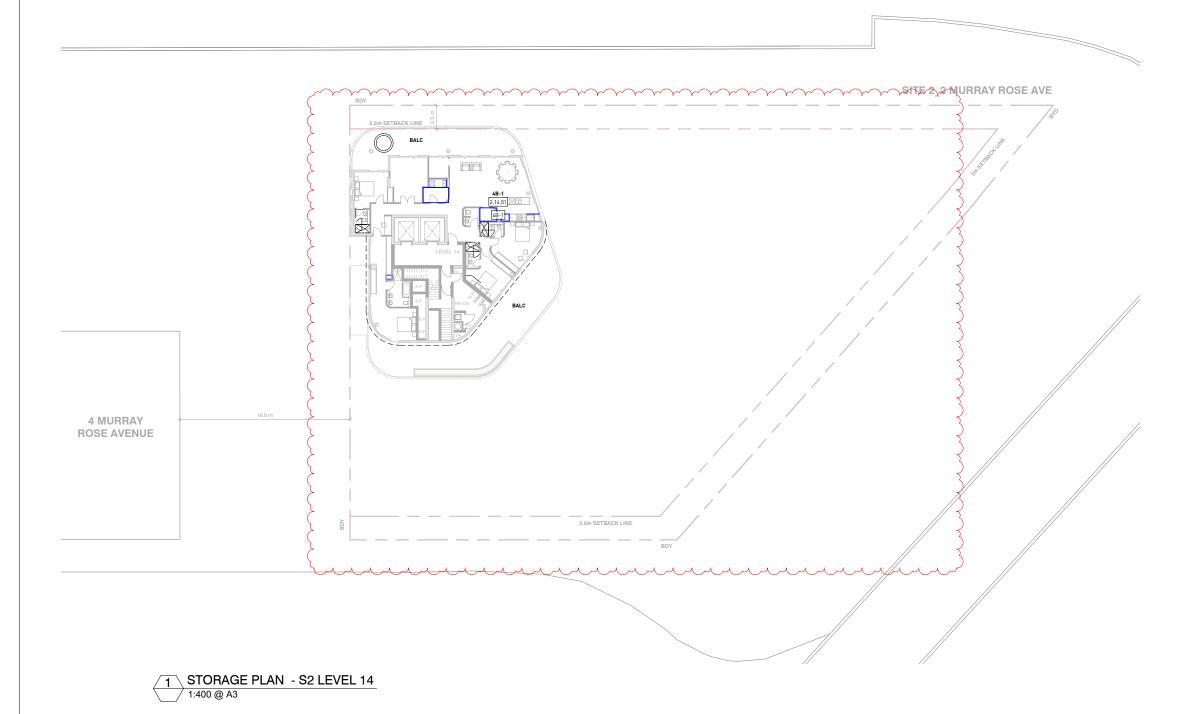
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SYDNEY OLYMPIC PARK, NSW

70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 13

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   ESSENTAIL BUILDING SERVICES ADDED / REVISED/ REMOVED
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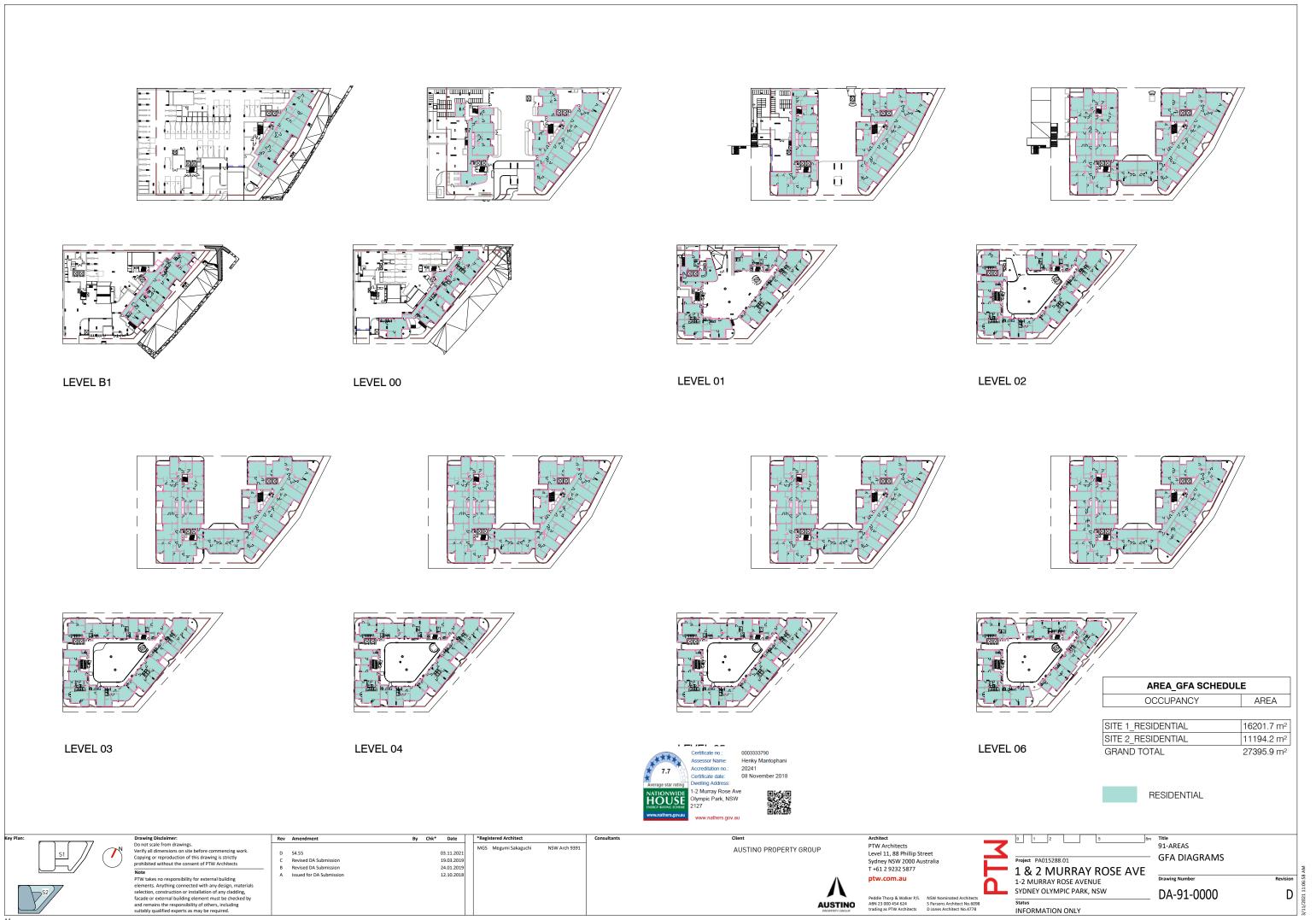


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70-STORAGE SCHEDULES AND PLANS STORAGE PLAN - S2 LEVEL 14



A1



A1





21 JUN 10:00



S4.55 Revised DA Submission Revised DA Submission Issued for DA Submission

03.11.2021 17.05.2019 19.03.2019 12.10.2018

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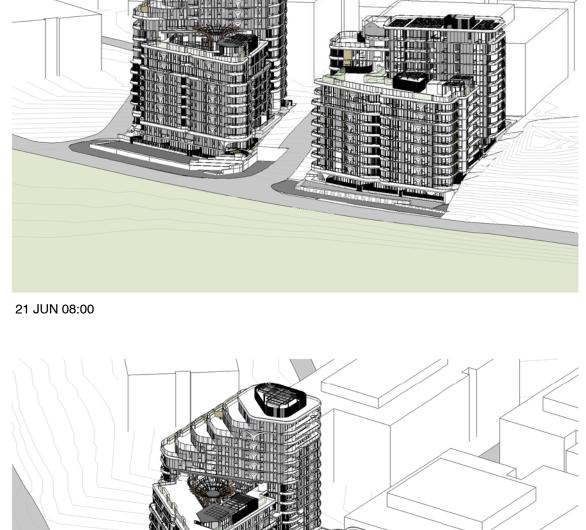
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1&2 MURRAY ROSE

1 MURRAY ROSE AVENUE SYDNEY
OLYMPIC PARK, NSW

DEVELOPMENT APPLICATION

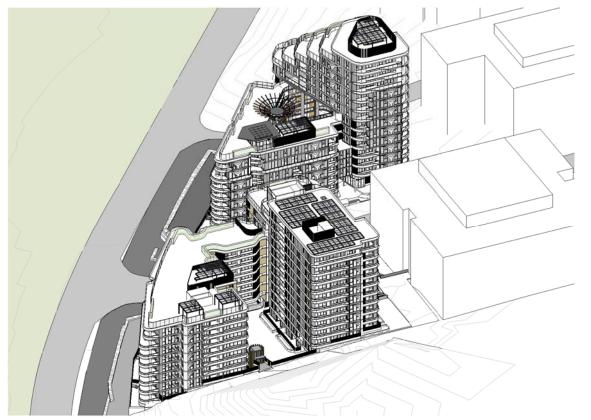
Title 93-SOLAR ACCESS SOLAR SUN EYE VIEWS





21 JUN 09:00





21 JUN 12:00



21 JUN 14:00



21 JUN 13:00



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S4.55 Revised DA Submission Revised DA Submission Issued for DA Submission

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03.11.2021 17.05.2019 19.03.2019 12.10.2018

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1&2 MURRAY ROSE

1 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

DEVELOPMENT APPLICATION

Title 93-SOLAR ACCESS SOLAR SUN EYE VIEWS



21 JUN 16:00



20241



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OLYMPIC PARK, NSW

**1&2 MURRAY ROSE** 1 MURRAY ROSE AVENUE SYDNEY Title 93-SOLAR ACCESS SOLAR SUN EYE VIEWS



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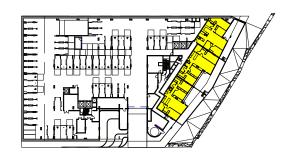
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S4.55 Revised DA Submission Revised DA Submission Issued for DA Submission 03.11.2021 17.05.2019 19.03.2019 12.10.2018

NSW Arch 9391

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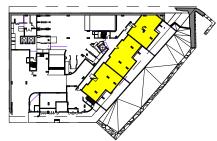
DEVELOPMENT APPLICATION



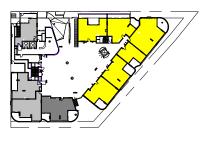












-2 Murray Rose Ave Olympic Park, NSW 2127 NATIONWIDI HOUSE



LEVEL 00 - 9AM-3PM 12/15 - 8AM-4PM 13/15

LEVEL 01 - 9AM-3PM 17/24 - 8AM-4PM 18/24

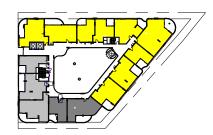
LEVEL 02 - 9AM-3PM 21/33 - 8AM-4PM 24/33

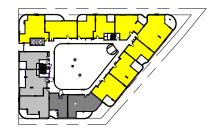


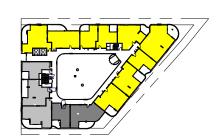


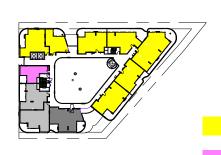












LEVEL 03 - 9AM-3PM 23/34 - 8AM-4PM 26/34

LEVEL 04 - 9AM-3PM 23/34 - 8AM-4PM 26/34

LEVEL 05 - 9AM-3PM 23/34 - 8AM-4PM 26/34

LEVEL 06 - 9AM-3PM 20/29 - 8AM-4PM 23/29

8AM - 4PM N NON COMPLIANT

NS NO SOLAR

Y COMPLIANT 9AM-3PM ADDITIONAL 2HRS SOLAR

T1 - SOL	AR ACCESS	YIELD - 9AM	1 TO 3PM	T1 - SOL	AR ACCESS	YIELD - 8AM	1 TO 4PM
0HRS	<2HRS	>2HRS	% / TOTAL	0HRS	<2HRS	>2HRS	% / TOTA
		-					

UHNO	<2nno	>2HN3	%/IUIAL	UNNO	<2nno	>2nno	%/IUIAL	
4.2%	22.8%	73.1%	100%	4.2%	9.6%	86.2%	100%	
7	38	122	167	7	16	144	167	

T2 - SOL	AR ACCESS	YIELD - 9AM	1 ТО ЗРМ	T2 - SOL	AR ACCESS	YIELD - 8AN	I TO 4PM
0HRS	<2HRS	>2HRS	% / TOTAL	0HRS	<2HRS	>2HRS	% / TOTAL
	~~~						
8.8%	24.8%	66.4%	100%	8.8%	21.6%	69.6%	100%
11	31	83	125	11	27	87	125

TOTAL - SO	DLAR ACCES	SS YIELD - 9	АМ ТО ЗРМ	TOTAL - SO	DLAR ACCES	SS YIELD - 8,	AM TO 4PM
0HRS	<2HRS	>2HRS	% / TOTAL	0HRS	<2HRS	>2HRS	% / TOTAL
	\sim						
6.1%	23.5%	70.2%	100%	6.1%	14.7%	79.1%	100%





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_<	
_	Project PA015288.01
\vdash	1 & 2 MURRAY ROSE AV
	1-2 MURRAY ROSE AVENUE
	CVDNIEV OLVMADIC DADIK NICIAL

Title 93-SOLAR ACCESS — SOLAR ACCESS COMPLIANCE DIAGRAM

DA-93-0200

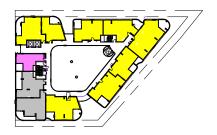
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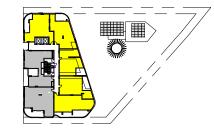


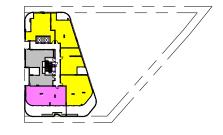












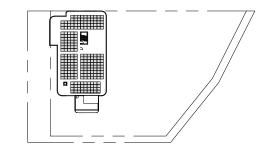
LEVEL 07 - 9AM-3PM 22/29 - 8AM-4PM 25/29

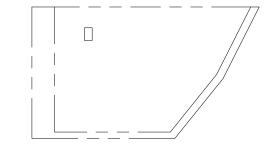
LEVEL 08 - 9AM-3PM 9/15 - 8AM-4PM 12/15

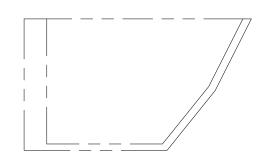
LEVEL 09 - 9AM-3PM 10/15 - 8AM-4PM 11/15

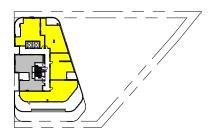
LEVEL 10 - 9AM-3PM 8/11 - 8AM-4PM 10/11

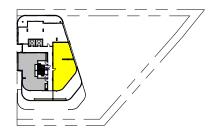


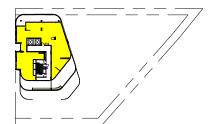


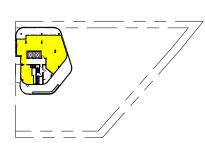












LEVEL 11 - 7/8

LEVEL 12 - 2/3

LEVEL 13 - 1/1

LEVEL 14 - 1/1





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Y COMPLIANT 9AM-3PM ADDITIONAL 2HRS SOLAR 8AM - 4PM N NON COMPLIANT

NS NO SOLAR

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MGS	Megumi Sakaguchi	NSW Arch 9391	



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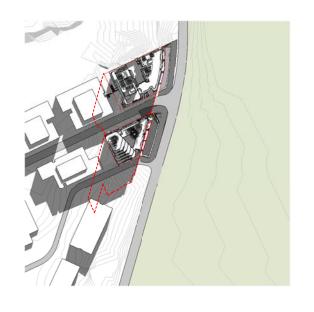


1 & 2 MURRAY ROSE AVE 1-2 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

Title 93-SOLAR ACCESS SOLAR ACCESS COMPLIANCE DIAGRAM



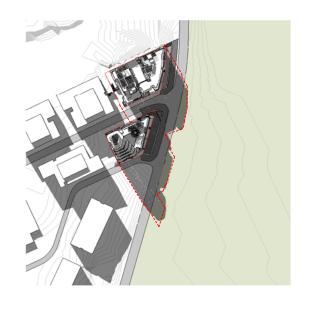


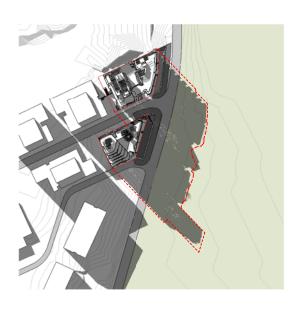




21 JUN 09:00 21 JUN 10:00 21 JUN 11:00 21 JUN 12:00







21 JUN 13:00 21 JUN 14:00 21 JUN 15:00



— SITE BOUNDARY SEPP ENVELOPE SHADOW



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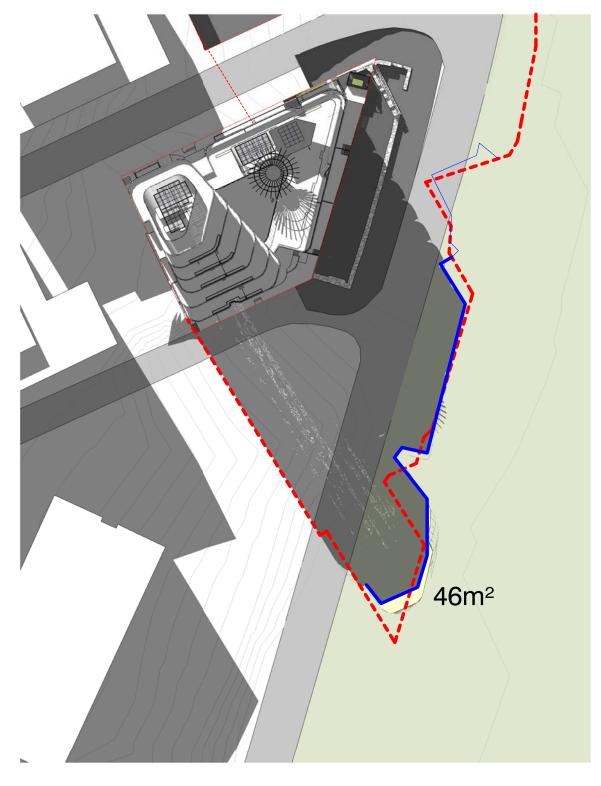
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ABN 23 000 454 624 S Parsons Architect No.6098
trading as PTW Architects D Jones Architect No.4778

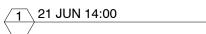
1&2 MURRAY ROSE

1 MURRAY ROSE AVENUE SYDNEY
OLYMPIC PARK, NSW

DEVELOPMENT APPLICATION

Title 93-SOLAR ACCESS SHADOW DIAGRAMS





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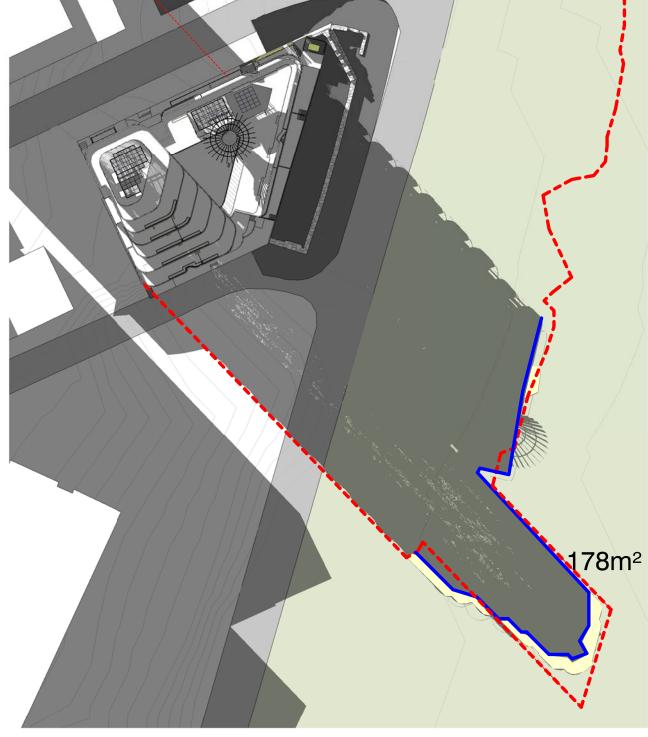
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Assessor Name: Certificate date: welling Address 1-2 Murray Rose Ave Olympic Park, NSW 2127

Henky Mantophani

2 21 JUN 15:00



SITE BOUNDARY SEPP ENVELOPE SHADOW APPROVED DA ENVELOPE SHADOW

ADDITIONAL SHADOW FROM APPROVED DA

Title 93-SOLAR ACCESS SHADOW COMPARISON DIAGRAMS -S2

NSW Arch 9391

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1&2 MURRAY ROSE 1 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW DEVELOPMENT APPLICATION







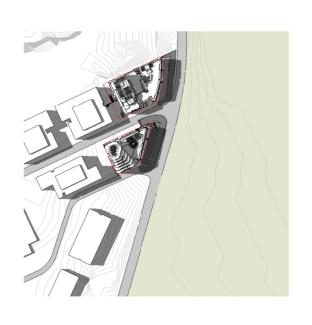




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SEPP ENVELOPE SHADOW



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work. C B A

4.55 ewised DA Submission or Review *Registered Architect

MGS Megumi Sakaguchi NSW Arch 9391

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D Jones Architect No. 4778

Project Project Number

1&2 MURRAY ROSE

1 MURRAY ROSE AVENUE SYDNEY

OLYMPIC PARK, NSW

DEVELOPMENT APPLICATION

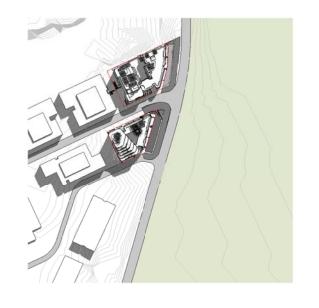
93-SOLAR ACCESS
SHADOW DIAGRAMS

DA-93-0500

-0500



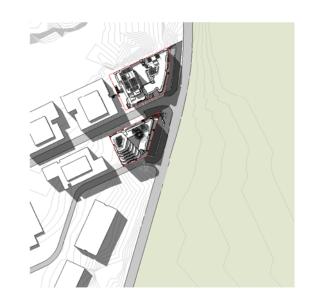


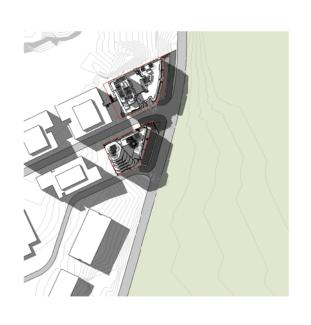




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1&2 MURRAY ROSE

1 MURRAY ROSE AVENUE SYDNEY
OLYMPIC PARK, NSW

DEVELOPMENT APPLICATION

Title 93-SOLAR ACCESS SHADOW DIAGRAMS



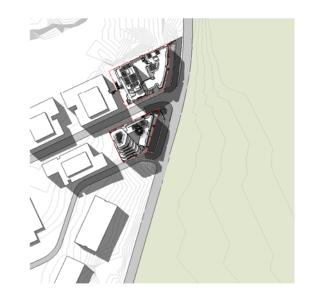


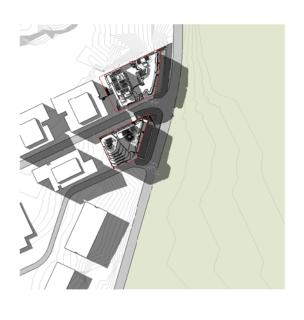




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1&2 MURRAY ROSE

1 MURRAY ROSE AVENUE SYDNEY OLYMPIC PARK, NSW

DEVELOPMENT APPLICATION

Title 93-SOLAR ACCESS SHADOW DIAGRAMS



S2 CENTRAL COURTYARD VIEW TOWARDS EAST



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1 & 2 MURRAY ROSE AVE

1-2 MURRAY ROSE AVENUE

SYDNEY OLYMPIC PARK, NSW

Title 97-PERSPECTIVE VIEWS PERSPECTIVE 3

DA-97-0300

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S2 CENTRAL COURTYARD VIEW TOWARDS WEST



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1-2 MURRAY ROSE AVENUE

SYDNEY OLYMPIC PARK, NSW

Title 97-PERSPECTIVE VIEWS PERSPECTIVE 4

DA-97-0400

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