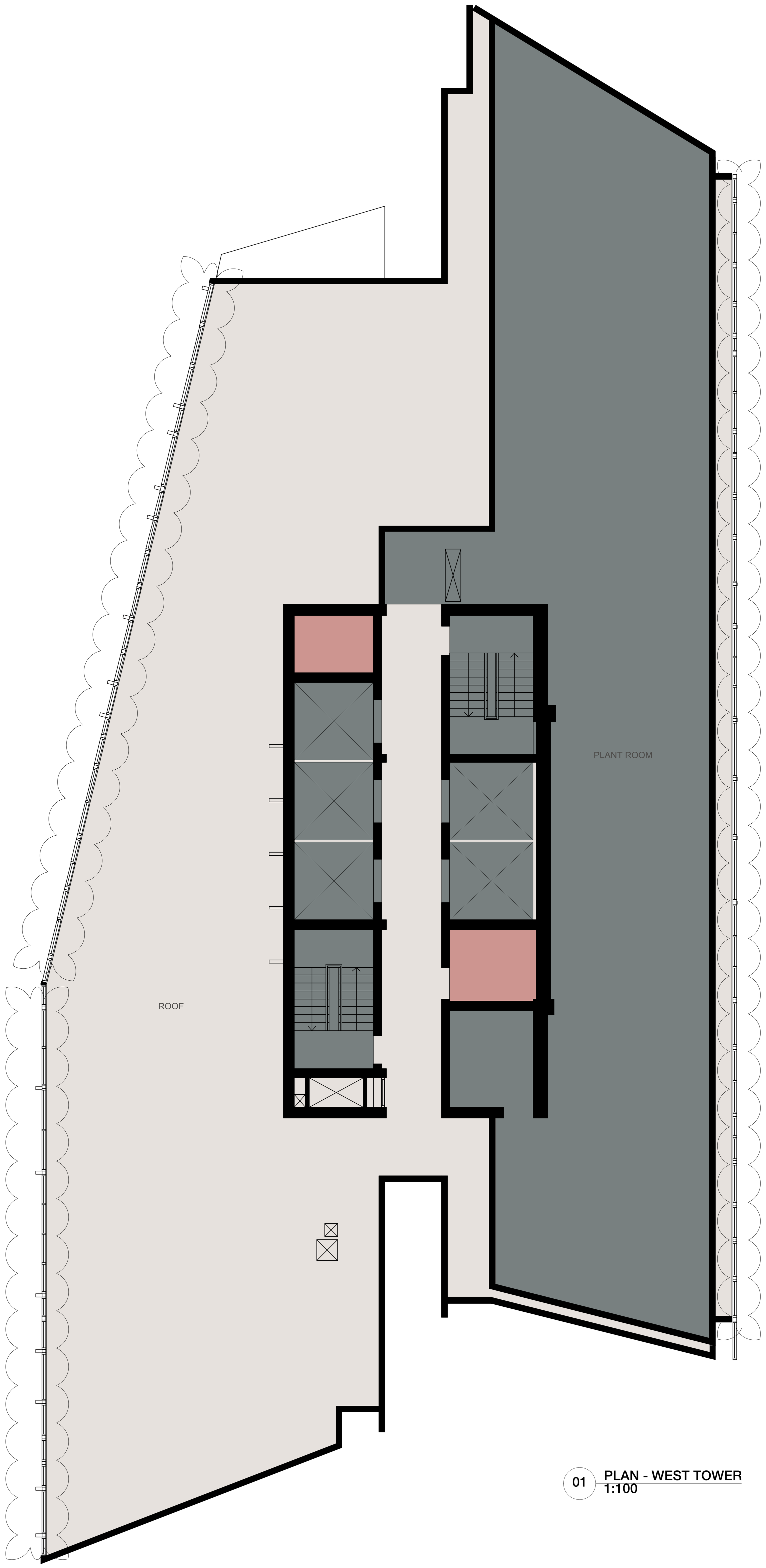
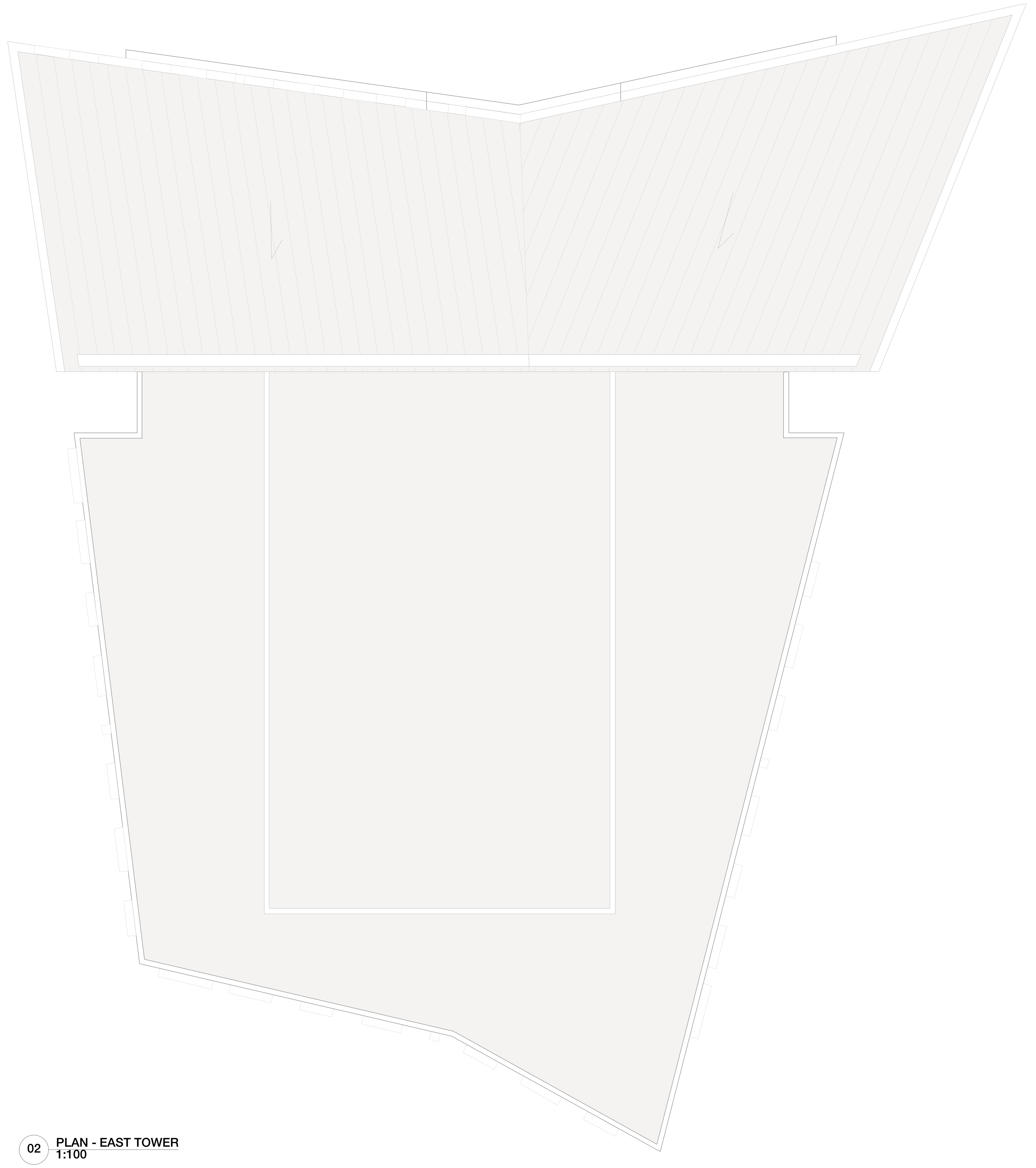
Meriton's BASIX Commitments – Riverfront Apartments

Glazing	Doors / windows: Single glazed tinted U-value: 6.6 SHGC: 0.58	Artificial lighting (within units)	Within units fluorescent lighting to be provided to bedrooms, laundries and bathrooms only.
Roof / ceiling insulation	Roof: Concrete slab roof to apartments. Concrete slab roof with green roof Roof insulation: None Ceiling: Plasterboard Ceiling insulation: None throughout, except as per thermal comfort upgrades below.	Heating & cooling (within units)	All units to have individual single phase reverse cycle air conditioning: All 1 bedroom units: 2.0 star – Cooling and 2.5 star - Heating (zoned) [new] All 2 bedroom units: 2.0 star – Cooling and 2.5 star - Heating (zoned) [new] All 3 bedroom units: 2.0 star – Cooling and 3.0 star - Heating (zoned) [new]
Wall / floor insulation	External walls: Precast concrete - plasterboard lined. External wall insulation: None throughout, except as per thermal comfort upgrades below. Internal walls within units: Plasterboard on studs - no insulation Inter- tenancy walls: Hebal – no insulation Floors: Concrete Floor insulation: None throughout, except as per thermal comfort upgrades below.	Ventilation systems (within units)	Bathroom ventilation: Individual fan, ducted to roof or façade – manual on/timer off Laundry ventilation: Individual fan, ducted to roof or façade – manual on/timer off Kitchen ventilation: Individual fan, not ducted roof– manual switch on/off
Thermal Comfort upgrades (units)	Ceiling insulation: R2.0 insulation to units 15-03, 16-05, 34-01, 34-02, 34-09, 34-10, 34-11, 34-23, 22-12, 22-13, 22-14, 22-15, 22-16, 22-17, 22-18, 22-19. External wall insulation: R1.0 insulation to units 2-03 to 15-03, 1-16 to 22-16, 1-18 to 22-18 and to external walls & spandrel panels of units 17-23 to 34-23, 3-02 to 34-02. Floor insulation: R1.0 insulation to units 3-02, 3-06, 3-07, 3-08, 3-12, 3-13, 3-14 and terraces.	Appliances & other efficiency measures (within units)	Gas cooktop & electric oven Dishwashers: 3 star Clothes dryers: 2 star Well ventilated fridge spaces Indoor or sheltered clothes drying lines
Fixtures (within units)	Showerheads: 3 star (>7.5 but <=9 L/min) Toilets: 4 star Kitchen taps: 4 star Bath taps: 4 star	Artificial lighting (within common areas)	Lifts: compact fluorescent – manual on / off Pool area: compact fluorescent – manual on / off Gym: compact fluorescent – manual on / off Carpark: fluorescent – zoned switching with motion sensor Switch / Elect: fluorescent – manual on / off Garbage rooms: fluorescent – manual on / off Plant or service rooms: fluorescent – manual on / off Store / Maintenance rooms: fluorescent – manual on / off Ground floor lobbies: compact fluorescent – none Hallways: compact fluorescent – zoned switching
Fixtures (within common areas)	Showerheads: 3 star (>7.5 but <=9 L/min) Toilets: 4 star Bath taps: 4 star	Ventilation systems (within common areas)	Pool area: Ventilation exhaust only – time clock or BMS controlled Gym: air conditioned – time clock or BMS controlled Carpark: ventilation (supply + exhaust) – carbon monoxide monitor + VSD fan Switch / Elect: ventilation supply only – interlocked to light Garbage rooms: ventilation exhaust only – with no efficiency measures Community / Manager rooms: air conditioned – time clock or BMS controlled Plant or service rooms: ventilation exhaust only – interlocked to light Store / Maintenance rooms: ventilation exhaust only – interlocked to light Hallways / lobbies: ventilation supply only – time clock or BMS controlled
Appliances (within units)	Dishwashers: 3 star Clothes washers: At least 60% of all occupants are expected to provide clothes washing machines with a water efficiency of 2 stars or greater.	Alternative energy	A 70kW photovoltaic system is required for the development
Central rainwater storage	Tank size: 20,000L Collect run-off from: Main un-trafficable roof areas of towers Connected to: - Irrigation of landscaping	BASIX Commitments, approved by ______________________________	
Pool / Spa / Sauna	Indoor pool Volume: 120 kL		
Central hot water system	Central gas-fired boiler with R0.6 (~25mm) insulation to ringmain and supply risers.		
Pool heating systems	Pool – electric heat pump heating - pump controlled by a timer		



01 PLAN - WEST TOWER
1:100



02 PLAN - EAST TOWER
1:100

MERITON

MERITON APARTMENTS
LEVEL 11, MERITON TOWER
528 KENT STREET, SYDNEY

ISSUE REGISTER

No	Date	Note	By
12	31/3/15	Revised s75w Application	
11	12/12/14	Amended s75w Application	SM
10	18/2/14	Amended s75w Application	SM
9	12/2/14	Amended s75w Application	SM
8	19/12/13	Amended s75w Application	JF
7	17/5/13	Amended Section 75w Application	JF
6	23/11/11	DA Issue - Additional Information	JF
5	18/5/11	Issued for DA	JF
4	10/5/11	Preliminary DA Issue for Review	JF
3	28/4/11	Preliminary DA Issue for Review	JF
2	28/3/11	TEST	SM

REVISION REGISTER

No	Date	Note	By
E	31/3/15	Revised s75w Application	
D	12/12/14	Revised s75w Application	RD
C	18/2/14	Revised s75w Application	RD
B	12/2/14	Revised s75w Application	RD
A	19/12/13	Revised s75w Application	RD

LEGEND

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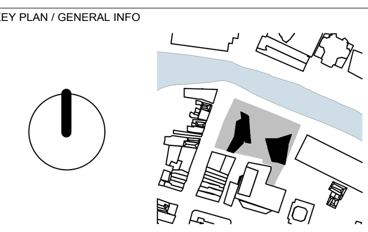
KEY PLAN / GENERAL INFO



REFERENCE SCALE 1:100
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PROJECT	SCALE	PAGE SIZE	STATUS
RIVERFRONT APARTMENTS 330 CHURCH STREET PARRAMATTA NSW	1:100	A1	PRELIMINARY
	DWG DATE: MAR 2011	DRAWN BY: JF	APPR BY: TC
	PLOT DATE: 31/3/15	REV: D	ISSUE: 11
DRAWING NAME: Plan_Level 54 Plant	DRAWING NUMBER: A154		