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artments - A+ , Ashwood, VIC 3147 Client / Project



Architect

Scale Bar

Number	Name	Revision
TP 0.01	Site Analysis	А
TP 0.02	Design Response	А
TP 0.03	Existing Site Images	A
TP 0.04	Shadow Diagrams	А
TP 1.01	Floor Plans	В
TP 1.11	North & West Elevations	В
TP 1.12	South & East Elevations	A
TP 1.21	Section A-A	A
TP 9.01	Finished Materials	Α

- Building Fabric
   External walls from conditioned spaces (retail and apartment) to have minimum R2.5 insulation added. Roof areas from conditioned spaces to have minimum R3.5 insulation
- added (including where balconies above). Floor between ground car park and Level 1 to have a minimum R1.0
- insulation added Internal walls from conditioned spaces (retail and apartment) adjacent to core to have a minimum R2.0 insulation added
- core to have a minimum R2.0 insulation added Ground floor retail glazing to achieve U=3.5 (or lower), SHGC=0.5 (+/-10%) including frame. Apartment glazing to achieve U=4.0 (or lower), SHGC=0.6 (+/-5%) including frame. All glazing to have a Visible Light Transmittance (VLT) of at least 60% Exhaust fans to have self-closing dampers Downlights to have insulated over or covers that allow insulation to pass unbroken over.

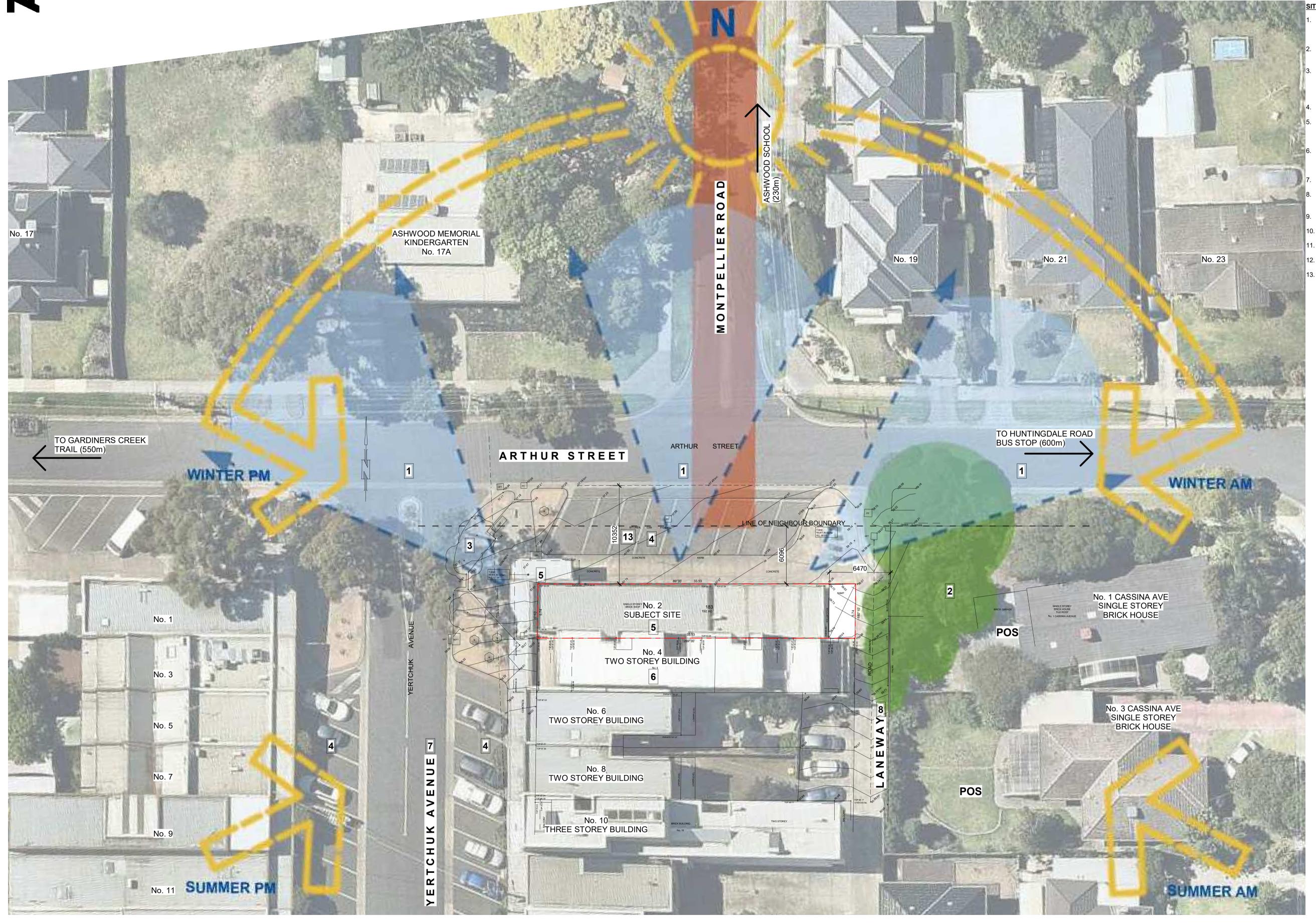
<u>Energy</u>

- Hot water assumed to be gas instantaneous with minimum 5 star rating All individual commercial and retail tenancies to be separately metered Heating and cooling assumed to be reverse cycle split systems with minimum 3 star heating and cooling efficiency Dryers to be minimum 2 stars All lighting (apartment, retail and common areas) to be at least 20% lower than the maximum BCA illumination power density (W/m²) <u>F</u> Rainwater tank to be installed, collecting water from minimum 100m<sup>2</sup>. Tank to be minimum 5,000litres and supply at a minimum level 1 toilets Showerheads to be minimum 3 star WELS with <7.5l/min All taps to be minimum 5 star WELS All toilets to be minimum 4 star WELS All urinals to be minimum 4 star WELS Disbwachers to be minimum 4 star WELS Dishwashers to be minimum 4 star WELS rated if installed by developer If installed, retail urinal be minimum 5 star WELS rated
- Recycling facilities to be at least as convenient as facilities for general waste.

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A1





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## SITE ANALYSIS

- NORTHERN FRONTAGE POTENTIAL OPPORTUNITIES TO MAXIMIZE DAYLIGHT INCOMING AND VIEWS TO ARTHUR STREET
- SIGNIFICANT VEGETATION BUFFER TO EASTERN NEIGHBOR PROPERTIES

IMPORTANT COMMERCIAL CORNER ADDRESS - GATEWAY TO COMMERCIAL PRECINCT - POTENTIAL OPPORTUNITIES FOR DIFFERENT ACCESSES TO PROPOSED GROUND FLOOR RETAIL AND UPPER LEVEL APARTMENTS

- PUBLIC CARPARKS WITH RESTRICTED HOURS
- SUBJECT SITE: EXISTING SINGLE LEVEL RETAIL WITH POORLY PRESENTED WEST FACADE AND UN-USED NORTHERN FRONTAGE
- No.4 YERTCHUK NEIGHBOUR PROPERTY UNDER CONSTRUCTION 2 STOREY BUILDING WITH HEIGHT OF 3 STOREY
- EXISTING STRUGGLING RETAIL STRIP
- EXISTING REAR LANEWAY POTENTIAL OPPORTUNITY FOR APARTMENT GARAGE ACCESS
- BUS STOP ON HUNTINGDALE ROAD (600m EAST)
- TO GARDINERS CREEK TRAIL (550m WEST)
- TO ASHWOOD SCHOOL (230m NORTH)
- TO JORDANVILLE RAILWAY STATION (1.9km SOUTH)
- SUBJECT SITE IS SET WELL BACK FROM ARTHUR STREET

DRAWINGS UNDER DEVELOPMENT SCHEMATIC DESIGN

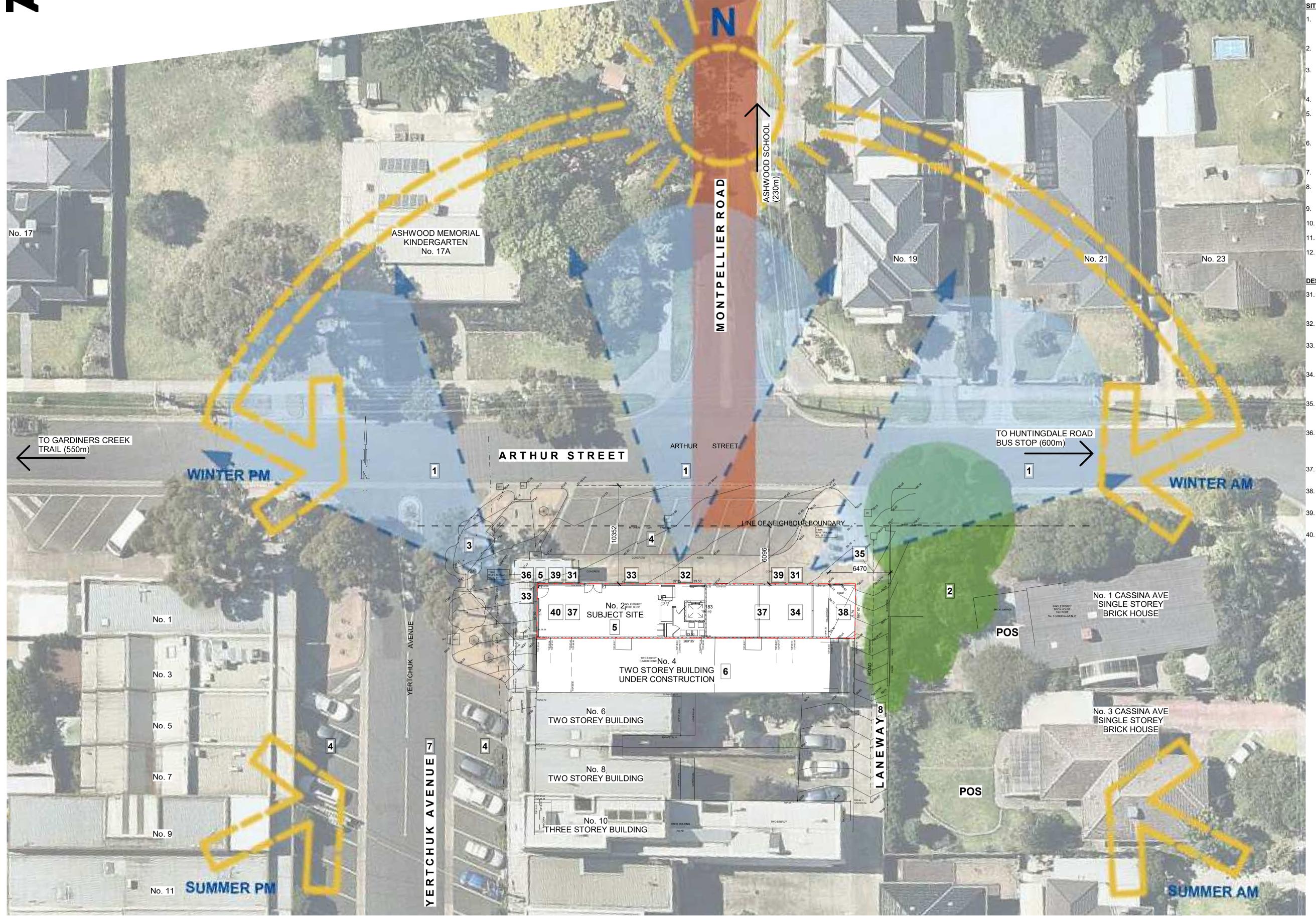
Project North

## Site Analysis

Drawing Title

Scale: 1 : 200@A1 Checked: PK Date: 30/04/2018 Drawing Number Project Number Series/Package Drawing Revision 17-039 TP 0.01 Α





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Architect

Client / Project

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Scale Bar

## ITE ANALYSIS

- NORTHERN FRONTAGE POTENTIAL OPPORTUNITIES TO MAXIMIZE DAYLIGHT INCOMING AND VIEWS TO ARTHUR STREET
- SIGNIFICANT VEGETATION BUFFER TO EASTERN NEIGHBOR PROPERTIES
- IMPORTANT COMMERCIAL CORNER ADDRESS POTENTIAL OPPORTUNITIES FOR DIFFERENT ACCESSES TO PROPOSED GROUND FLOOR RETAIL AND UPPER LEVEL APARTMENTS PUBLIC CARPARKS WITH RESTRICTED HOURS
- SUBJECT SITE: EXISTING SINGLE LEVEL RETAIL WITH POORLY PRESENTED WEST FACADE AND UN-USED NORTHERN FRONTAGE
- No.4 YERTCHUK NEIGHBOUR PROPERTY UNDER CONSTRUCTION 2 STOREY BUILDING WITH HEIGHT OF 3 STOREY
- EXISTING STRUGGLING RETAIL STRIP
- EXISTING REAR LANEWAY POTENTIAL OPPORTUNITY FOR APARTMENT GARAGE ACCESS
- BUS STOP ON HUNTINGDALE ROAD (600m EAST)
- TO GARDINERS CREEK TRAIL (550m WEST)
- TO ASHWOOD SCHOOL (230m NORTH)
- TO JORDANVILLE RAILWAY STATION (1.9km SOUTH)

## DESIGN RESPONSES

- NORTH FACING BEDROOMS, LIVING ROOMS AND EXTERNAL DECKS TAKE MAXIMUM ADVANTAGE OF SUNLIGHT AND NORTHERN ASPECTS
- RESIDENT ENTRY FACING MONTPELLIER ROAD AND SEPERATED TO RETAIL TENANCY
- ATTRACTIVE RETAIL FRONTAGES (WEST & NORTH SIDES) TO MAXIMISE EXPOSURE TO YERTCHÙK AVENUE AND ARTHÛR STREET
- 8 CARSPACES PROVIDED BY CAR-STACKER SYSTEM TO CATER PARKING REQUIREMENTS (WITH 1 VISITOR PARKING LOT INCLUDED)
- GROUND LEVEL EASTERN FACADE SET BACK FROM SITE BOUNDARY TO ALLOW 6.4m CLREARANCE TO EXISTING REAR LANEWAY TO ACT AS GARAGE ACCESS.
- ATTRACTIVE AND ARTICULATED FACADES (NORTH, EAST & WEST) TO PROVIDE INTEREST TO THE INTERSECTION OF ARTHUR STREET AND YERTCHUK AVENUE AND TO RESPOND TO THE NEIGHBOURING BUILDING
- PRIVATED TOP DECKS TO RETURN GREENERY PRIVATE OPEN SPACES TO APARTMENT RESIDENTS
- FROSTED SMALL SIZE WINDOWS OPEN TO EAST FACADE TO PREVENT OVERLOOKING TO NEIGHBOUR POS
- NORTH FACING GOOD SIZE BALCONIES TO EACH APARTMENT TO TAKE ADVANTAGE OF OUTDOOR SPACES
- ENHANCED FLEXIBLE GROUND FLOOR RETAIL SPACE

DRAWINGS UNDER DEVELOPMENT SCHEMATIC DESIGN

Project North

 $\square$ 

## **Design Response**

Drawing Title

Checked: PK Date: 30/04/2018 Scale: 1 : 200@A1 Drawing Number Project Number Series/Package Drawing Revision TP 0.02 17-039 Α





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ARTHUR STREET - VIEW FROM SUBJECT SITE





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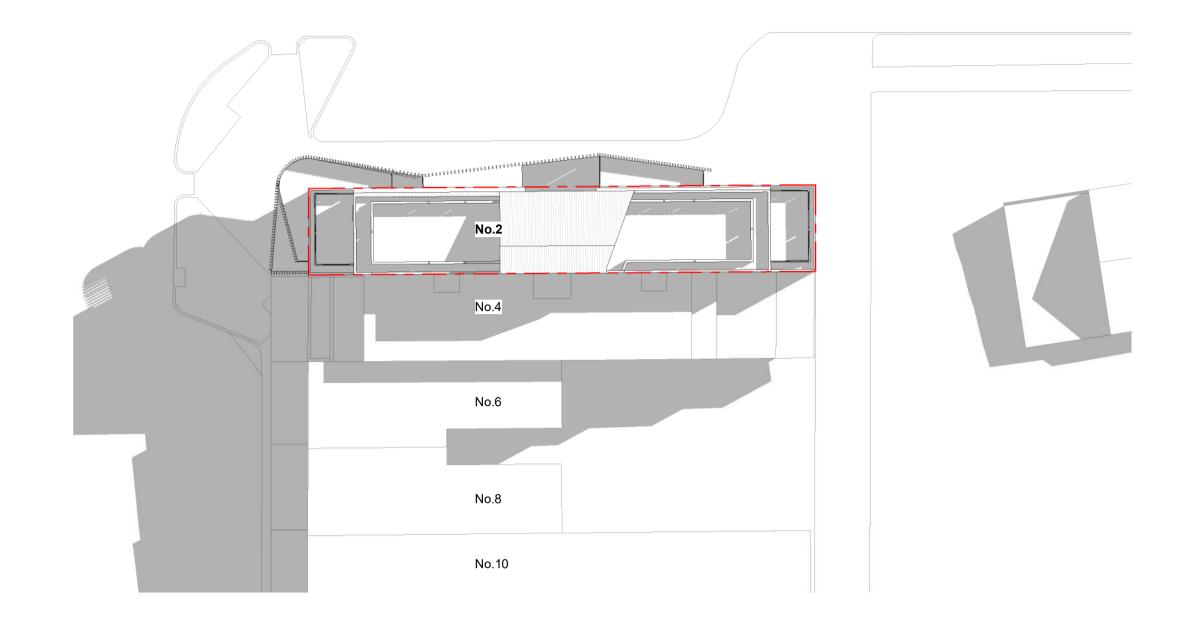


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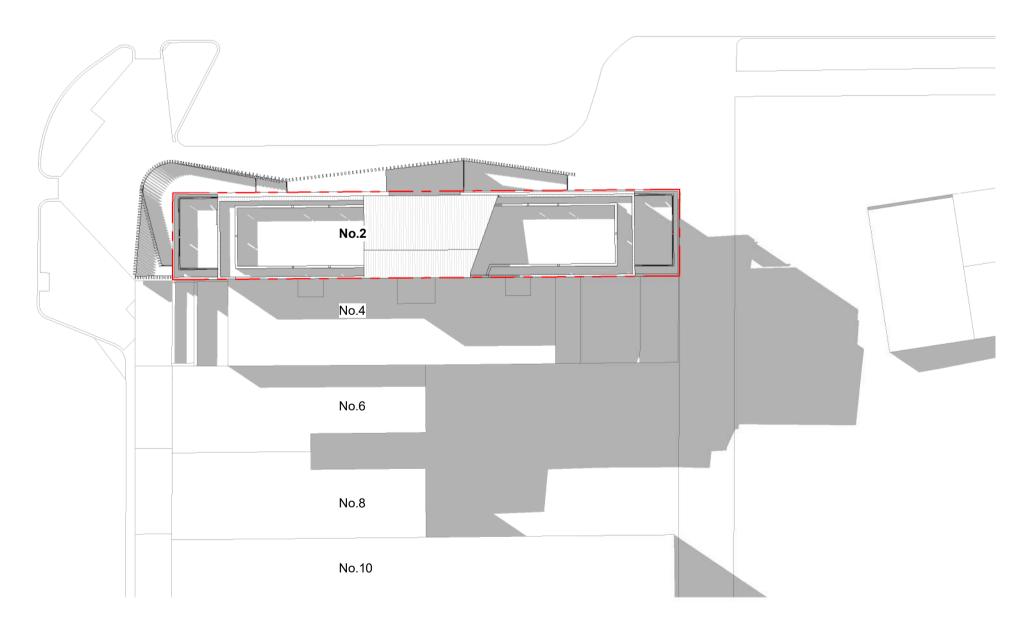
# Drawing Title Existing Site Images

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	Project Number	Series/Package	Drawing	Revision	Status
	17-039		TP 0.03	А	

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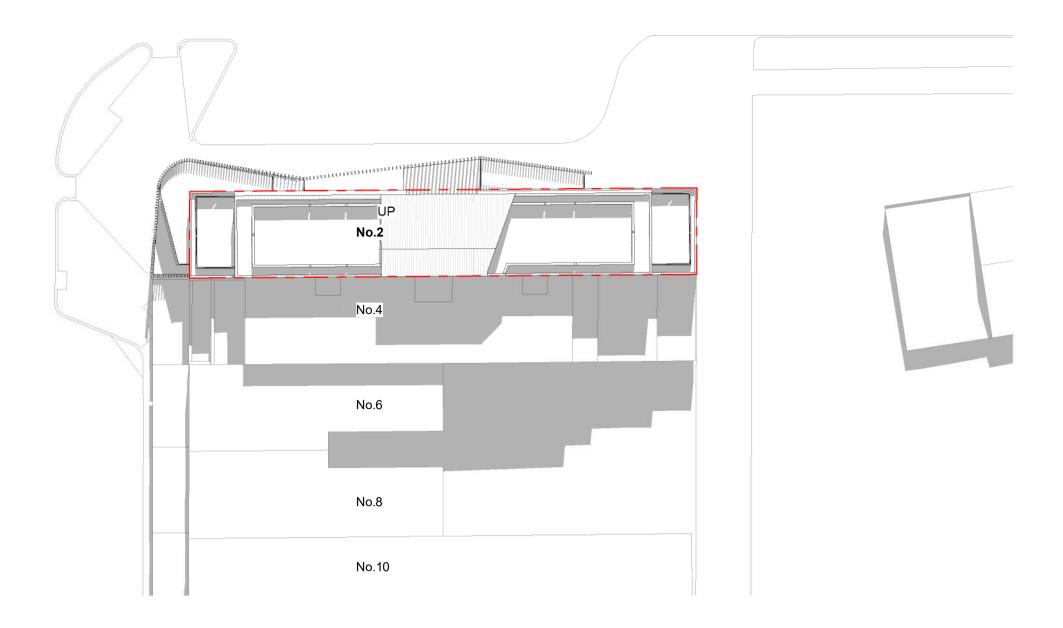


1 9am Shadow Diagram - September Equinox



3 3pm Shadow Diagram - September Equinox

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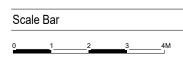
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Architect

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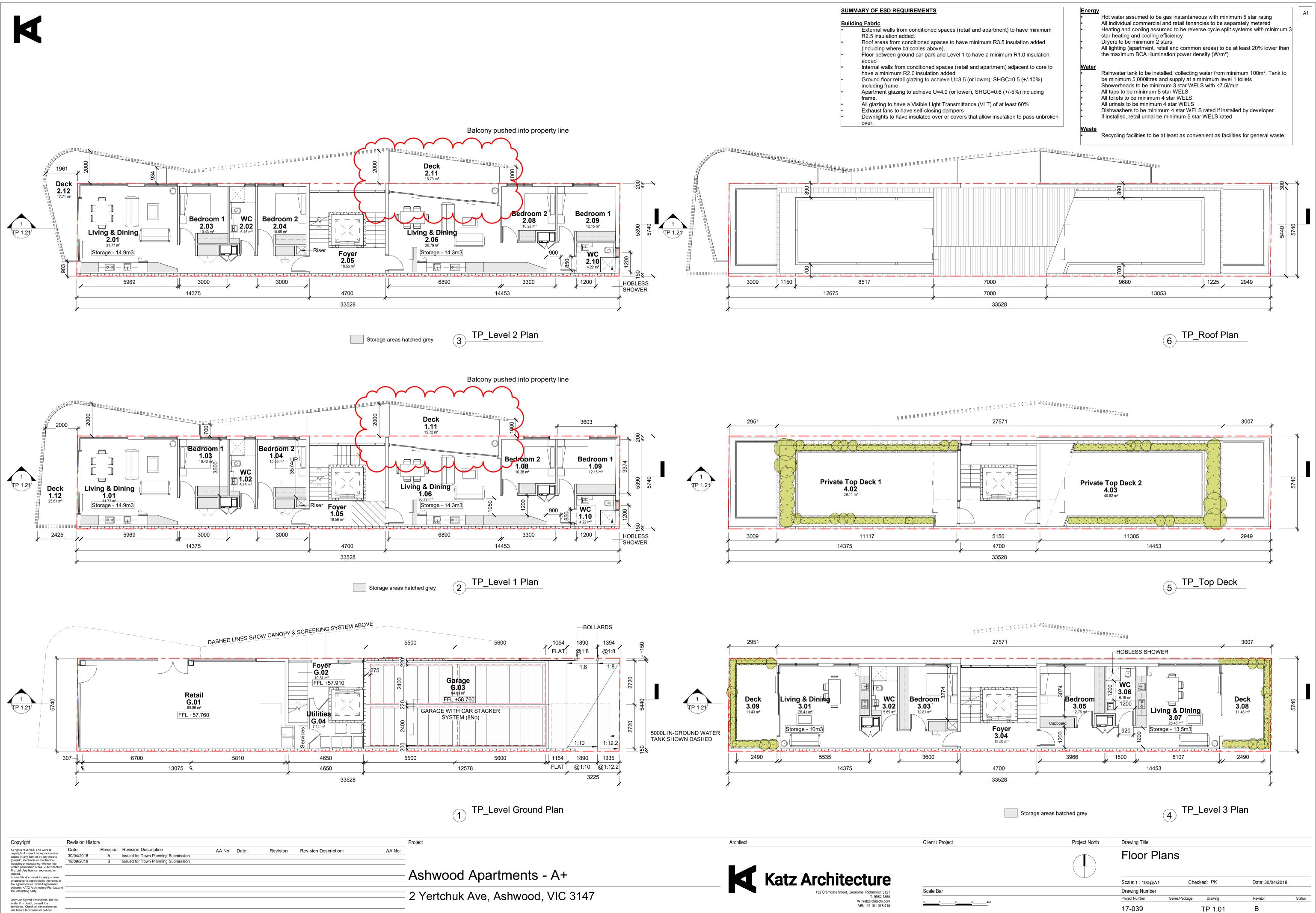


# 2 12pm Shadow Diagram - September Equinox

Desta	at Nanth Drawing				
Proje	ect North Drawing	glitie			
	Sha	adow Diagra	ams		
	Scale:1	: 250@A1 Che	ecked: PK	Date: 30/04/2018	
	Drawing	g Number			
	Project Nu	mber Series/Package	Drawing	Revision	Status
	17-03	39	TP 0.04	А	
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A1





<u>g Fabric</u>
External walls from conditioned spaces (retail and apartment
R2.5 insulation added.
Roof areas from conditioned spaces to have minimum R3.5
(including where balconies above).
Floor between ground car park and Level 1 to have a minimu
added
Internal walls from conditioned spaces (retail and apartment)
have a minimum R2.0 insulation added
Ground floor retail glazing to achieve U=3.5 (or lower), SHG
including frame.
Apartment glazing to achieve U=4.0 (or lower), SHGC=0.6 (-
frame.

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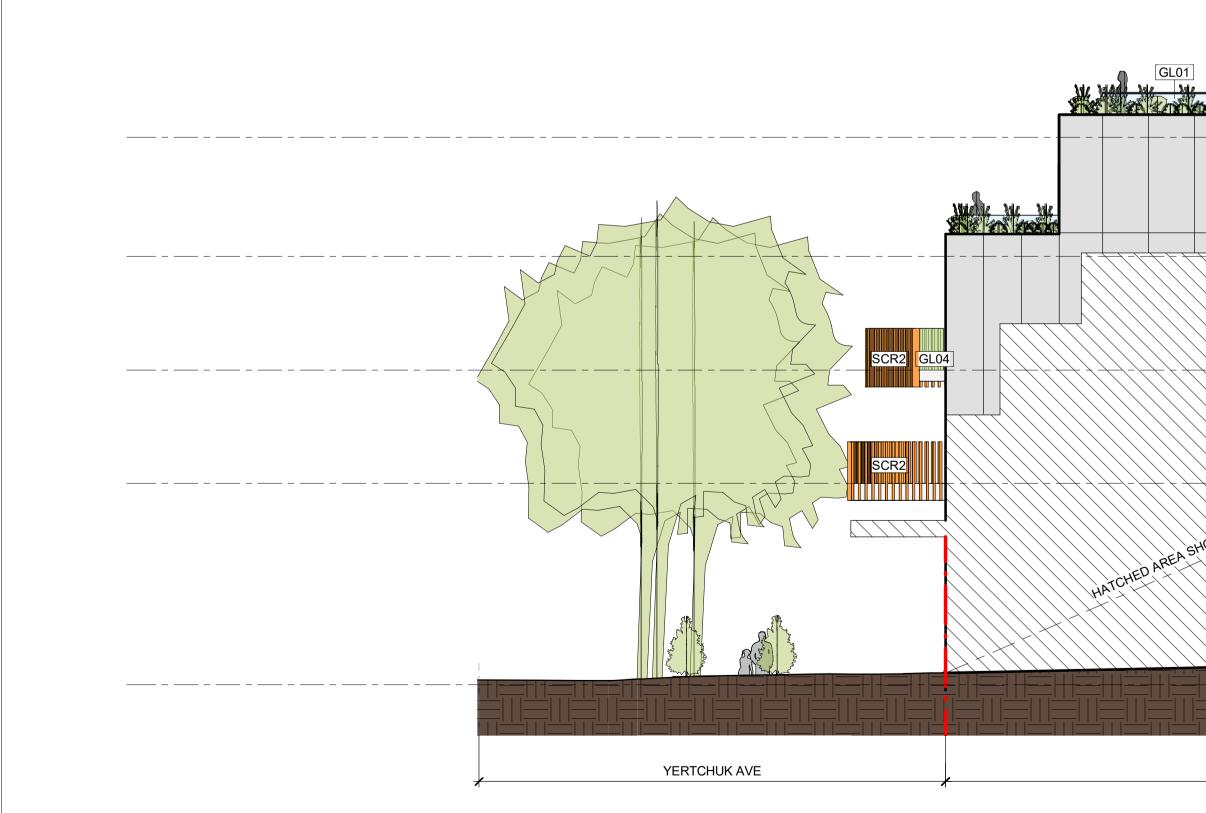
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17-039 TP 1.11

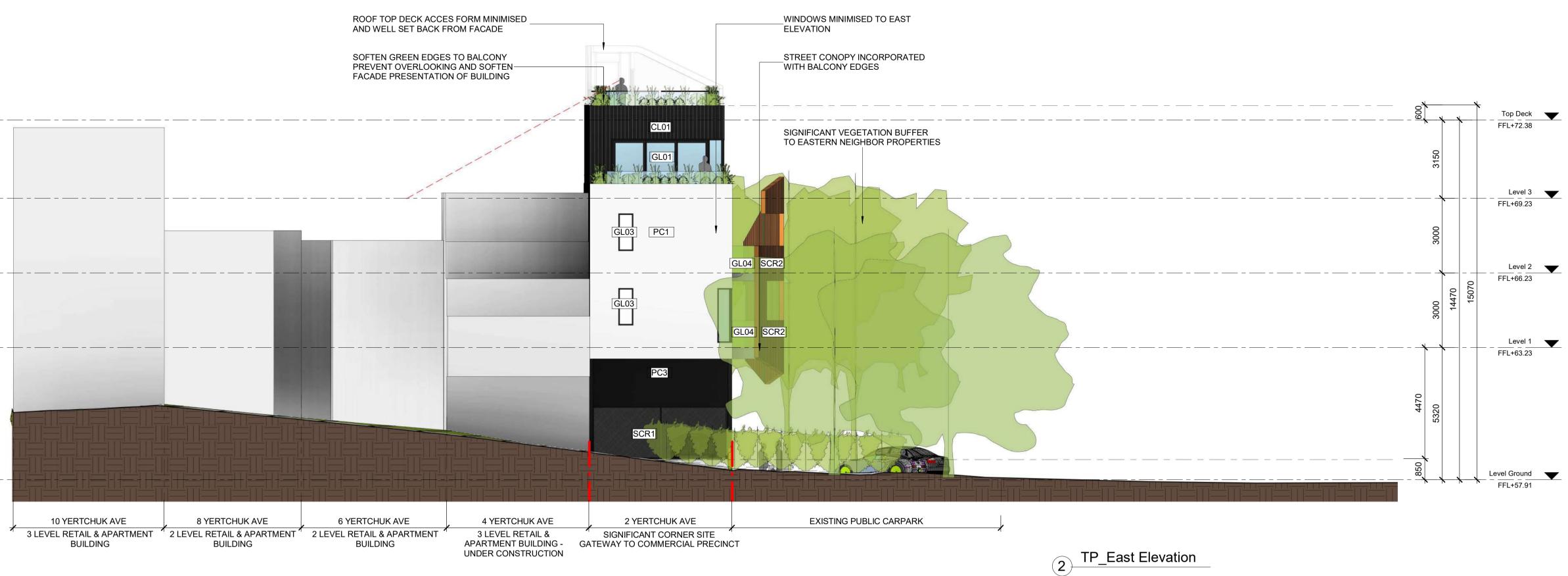
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Building Fabric       SOO            External walls from conditioned spaces (retail and apartment) to have nimitum 78.25 insulation added.       PR0.5            Recording the state intervent of the state and intervent of th					AND W
Building Fabric       PRE         External wals from conditioned spaces (retail and apartment) to have minimum R2.5 insulation added       PRE         Fibre State and added (moduling where balconics and above).       Precent added (moduling where balconics above).         Fibre State and added (moduling trans.       Precent added (moduling trans.         Count floor retail glazing to achieve U-3.5 (or lower).       SHGC-0.6 (r-10%) moduling frame.         H dig taring to have a Visible Light Transmittance (VLT) of at east 60%.       State and apartmenting added (moduling frame.         Downlights to have insulated over or covers that allow insulation to pass unbricken over.       State added (moduling frame.         Downlights to have insulated over or covers that allow insulation to pass unbricken over.       State added (moduling frame.         Hot uster assumed to be gas instantaneous with minimum 5 star rating.       State added (moduling frame.         H did udd commercial and retail tenancies to be separately metered       State added color ocvers that allow enable (Wim)         H did udd commercial and retail enancies to be separately metered       State added color general waster from minimum 100 <sup>-</sup> . Tank to be installed, collecting water from minimum 100 <sup>-</sup> . Tank to be installed, collecting water from minimum 100 <sup>-</sup> . Tank to be installed, collecting water from minimum 100 <sup>-</sup> . Tank to be installed, collecting water from minimum 100 <sup>-</sup> . Tank to be installed, collecting water from minimum 100 <sup>-</sup> . Tank to be installed, retail (minimum 5 star WELS rated finitabled by developer.         M Linds to be	SUMMARY OF ESD REQUIREMENTS				SOFTE
<ul> <li>Internal walls from conditioned spaces (retail and partment) adjacent to core to have a minimum R2 to losulation added</li> <li>Ground floor retail glazing to achieve U=3.5 (or lower), SHGC=0.6 (4-5%) including frame.</li> <li>Apartment glazing to achieve U=4.0 (or lower), SHGC=0.6 (4-5%) including frame.</li> <li>All glazing to have a Visible Light Transmittance (VLT) of at least 16% to pass installation or occurs that allow insulation to pass unbroken over.</li> <li>Endrary</li> <li>Hot water assumed to be gas instantaneous with minimum 5 star traing</li> <li>All individual commercial and retail tenancies to be separately metered</li> <li>Heating and cooling assumed to be reverse cycle split systems with minimum S star heating and cooling differency.</li> <li>Dryers to be minimum 2 stars</li> <li>All individual commercial and retail entancies to be at least 20% lower than the maximum BCA illumination power density (Wrm)</li> <li>Water</li> <li>Rainwater tank to be installed, collecting water from minimum 100m<sup>2</sup>. Tank to be minimum 5, 500liferes and supply at a minimum 4 star WELS with &lt;7.5/min All to be to be minimum 5 star WELS</li> <li>All tolets to be minimum 4 star WELS rated if installed by developer.</li> <li>Tinstaled, retail una be minimum 5 start WELS rated if installed by developer.</li> <li>Tinstaled, retail una be minimum 5 start WELS rated if installed by developer.</li> <li>Tinstaled, retail una be minimum 5 start WELS rated if installed by developer.</li> </ul>	<ul> <li>External walls from conditioned spaces (retail and apartment) to have minimum R2.5 insulation added.</li> <li>Roof areas from conditioned spaces to have minimum R3.5 insulation added (including where balconies above).</li> <li>Floor between ground car park and Level 1 to have a</li> </ul>				
<ul> <li>Hot water assumed to be gas instantaneous with minimum 5 star victual control of the minimum 3 star heating and cooling assumed to be reverse cycle split systems with minimum 3 star heating and cooling efficiency. Dryers to be minimum 3 star heating and cooling efficiency</li> <li>All lighting (apartment, retail and common areas) to be at least 20% lower than the maximum BCA illumination power density (W/m<sup>2</sup>)</li> <li>Water</li> <li>Rainwater tank to be installed, collecting water from minimum 100<sup>m</sup>. Tank to be minimum 5,000 litres and supply at a minimum 100<sup>m</sup>. Tank to be minimum 5,000 litres and supply at a minimum 14 star WELS with &lt;7.51/min All taps to be minimum 4 star WELS</li> <li>Showesheads to be minimum 4 star WELS rated if installed by developer</li> <li>If installed, retail urinal be minimum 5 star WELS rated</li> <li>Master</li> <li>Recycling facilities to be at least as convenient as facilities for general waste.</li> </ul>	<ul> <li>Internal walls from conditioned spaces (retail and apartment) adjacent to core to have a minimum R2.0 insulation added</li> <li>Ground floor retail glazing to achieve U=3.5 (or lower), SHGC=0.5 (+/-10%) including frame.</li> <li>Apartment glazing to achieve U=4.0 (or lower), SHGC=0.6 (+/-5%) including frame.</li> <li>All glazing to have a Visible Light Transmittance (VLT) of at least 60%</li> <li>Exhaust fans to have self-closing dampers</li> <li>Downlights to have insulated over or covers that allow</li> </ul>				
<ul> <li>Rainwater tank to be installed, collecting water from minimum 100m<sup>2</sup>. Tank to be minimum 5,000litres and supply at a minimum level 1 toilets</li> <li>Showerheads to be minimum 3 star WELS with &lt;7.5l/min</li> <li>All taps to be minimum 4 star WELS</li> <li>All toilets to be minimum 4 star WELS</li> <li>All urinals to be minimum 4 star WELS rated if installed by developer</li> <li>If installed, retail urinal be minimum 5 star WELS rated</li> </ul>	<ul> <li>Hot water assumed to be gas instantaneous with minimum 5 star rating</li> <li>All individual commercial and retail tenancies to be separately metered</li> <li>Heating and cooling assumed to be reverse cycle split systems with minimum 3 star heating and cooling efficiency</li> <li>Dryers to be minimum 2 stars</li> <li>All lighting (apartment, retail and common areas) to be at least 20% lower than the maximum BCA illumination power</li> </ul>				
10 YERTCHUK AVE 8 YERTCHUK AVE 6 YERTC	<ul> <li>Rainwater tank to be installed, collecting water from minimum 100m<sup>2</sup>. Tank to be minimum 5,000litres and supply at a minimum level 1 toilets</li> <li>Showerheads to be minimum 3 star WELS with &lt;7.5l/min</li> <li>All taps to be minimum 4 star WELS</li> <li>All urinals to be minimum 4 star WELS</li> <li>All urinals to be minimum 4 star WELS</li> <li>Dishwashers to be minimum 4 star WELS rated if installed by developer</li> <li>If installed, retail urinal be minimum 5 star WELS rated</li> <li>Waste</li> <li>Recycling facilities to be at least as convenient as facilities</li> </ul>				
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ROOF TOP DECK ACCES FORM MINIMISED AND WELL SET BACK FROM FACADE GL01 CL01 Л CL02 SAN PROP

2 YERTCHUK REAR LANEWAY SIGNIFICANT CORNER SITE - GATEWAY TO COMMERCIAL PRECINCT

1 TP\_South Elevation

Client / Project

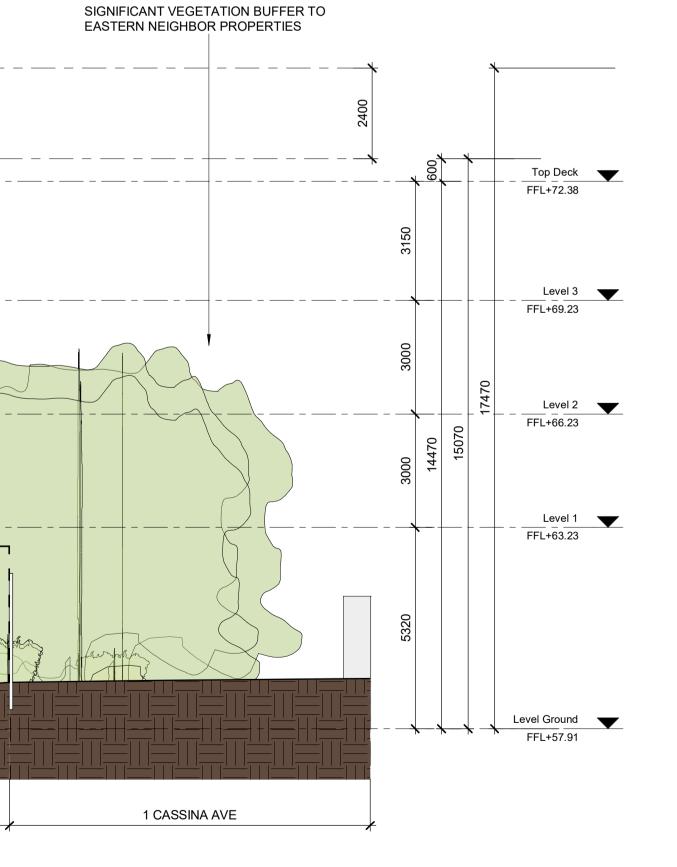
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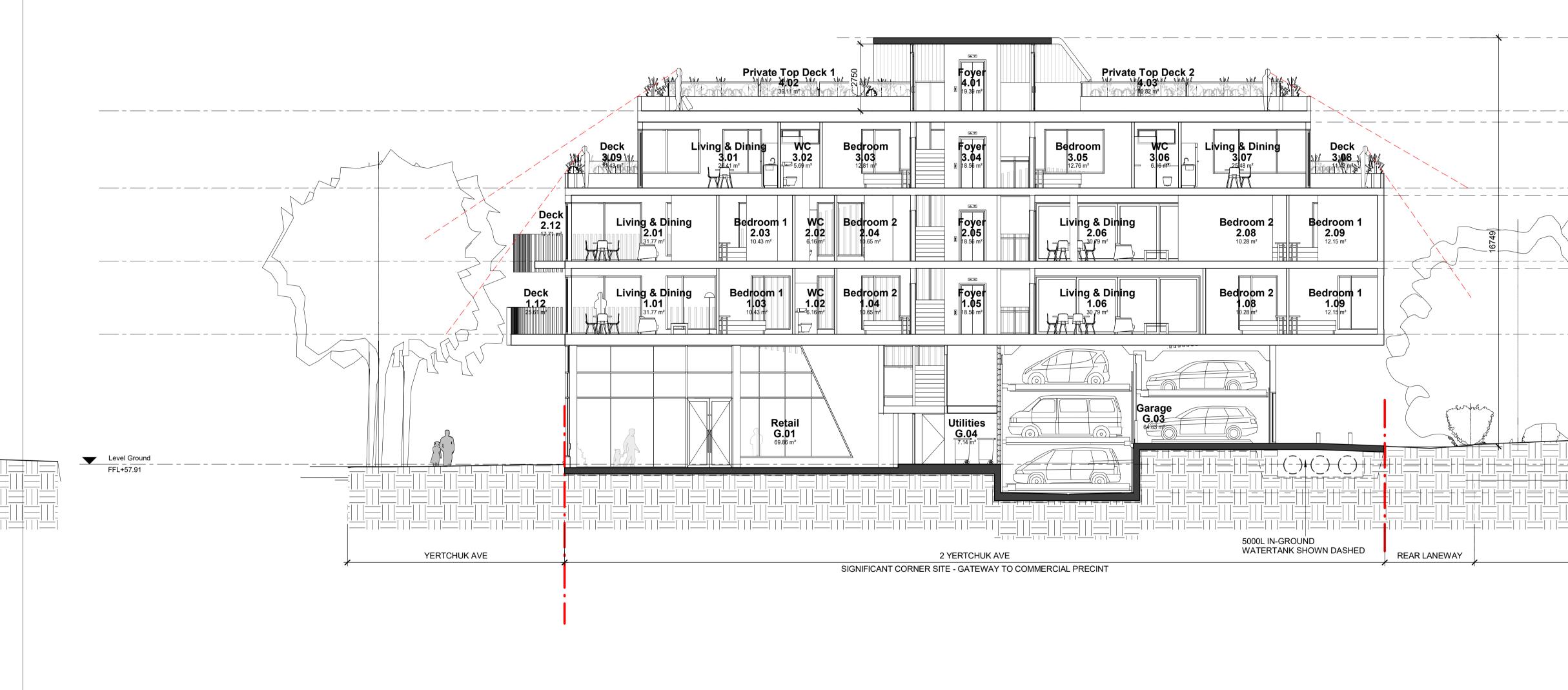


Project North	Drawing Title									
	South &	South & East Elevations								
	Scale: 1 : 100@A1	Che	cked: PK	Date: 30/04/20	018					
	Drawing Number									
	Project Number	Series/Package	Drawing	Revision	Status					
	17-039		TP 1.12	А						

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Katz Architecture

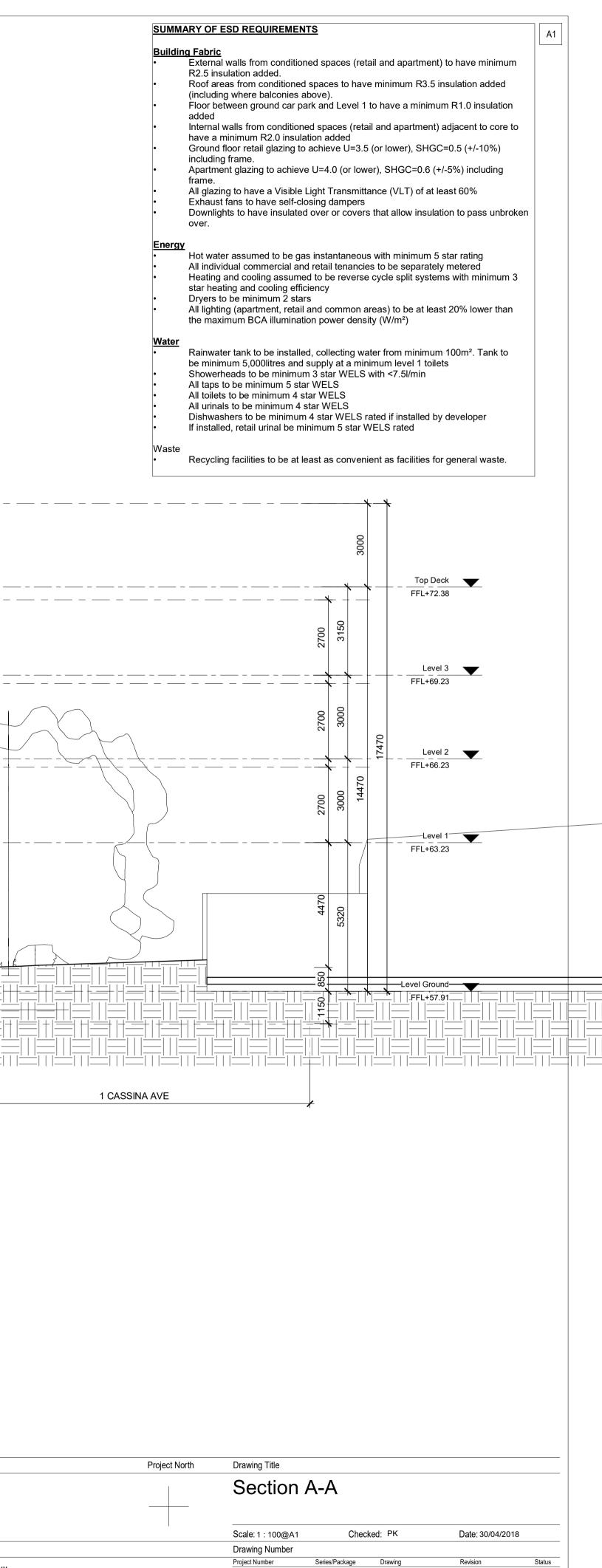
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Series/Package

17-039

Drawing

TP 1.21

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Revision

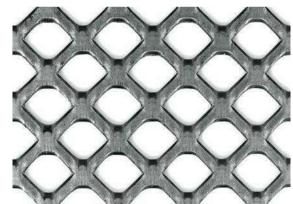
Α

Status





GL04 - NON REFLECTIVE COLOUR GLASS BALUSTRADE WITH PK1 HANDRAIL AT 1100mm MIN. ABOVE FINISHED FLOOR LEVEL



SCR1 - PERFORATED METAL SCREENING





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WITH POWDERCOAT FINISH COLOUR 3



PK1 - EXTERNAL BLACK POWDERCOAT — ALUMINUM TO EXTERNAL WINDOW & DOOR FRAMES

Project North	Drawing Title						
	Finished Materials						
	Scale: 1 : 1@A1	Che	cked: PK	Date: 30/04/20	018		
	Drawing Number						
	Project Number	Series/Package	Drawing	Revision	Status		
	17-039		TP 9.01	А			