

**RAINWATER TANKS:**  
 DWELLING 1 ROOF CATCHMENT AREA (207.09m<sup>2</sup>) IS TO BE COLLECTED INTO A 3000LT LT RWI AND IS TO BE CONNECTED TO 4 TOILETS AND USED FOR FLUSHING.  
 DWELLING 2 ROOF CATCHMENT AREA (213.94m<sup>2</sup>) IS TO BE COLLECTED INTO A 3000 LT & 1000LT RWI AND IS TO BE CONNECTED TO 4 TOILETS AND USED FOR FLUSHING.  
**IF CHARGED PIPE SYSTEM IS REQUIRED, NO PIPEWORK IS TO RUN UNDERNEATH THE BUILDING FOOTPRINT.**

**SDA NOTES:**  
 - SHOWERHEADS: MIN. 4 STAR WELS (>=6 BUT <=7.5) TO BE INSTALLED PROJECT WIDE.  
 - KITCHEN & BATH TAPS: MIN. 5 STAR WELS TO BE INSTALLED PROJECT WIDE.  
 - TOILETS: MIN. 5 STAR WELS TO BE INSTALLED PROJECT WIDE.  
 - WASHING MACHINE: MIN. 4 STAR WELS TO BE INSTALLED PROJECT WIDE.  
 - WATER EFFICIENT LANDSCAPING TO BE INSTALLED PROJECT WIDE.  
 - REVERSE CYCLE SPACE HEATING SYSTEM: MIN. 4 STAR TO BE INSTALLED PROJECT WIDE.  
 - REFRIGERATIVE COOLING SYSTEM: MIN. 4 STAR TO BE INSTALLED PROJECT WIDE.  
 - HOT WATER SYSTEM: GAS INSTANTANEOUS MIN. 5 STAR TO BE INSTALLED TO EACH DWELLING.  
 - EXTERNAL LIGHTING TO BE CONTROLLED BY MOTION DETECTORS.  
 - INTERNAL LIGHTING IS NOT TO EXCEED A MAX. ILLUMINATION POWER DENSITY OF 4W/SQ M.  
 - CROSSFLOW VENTILATION IS TO BE ACHIEVED ACROSS ALL HABITABLE ROOMS AS PER BESS REPORT.  
 - ALL GLAZED DOORS & WINDOWS TO HABITABLE ROOMS/AREAS TO BE AT MIN. DOUBLE GLAZED AS PER BESS REPORT.  
 - 34% OF THE SITE USED FOR VEGETATION AND LANDSCAPING.  
 - ALL DWELLINGS TO ACHIEVE NATHERS STAR RATINGS IN EXCESS OF 6 STAR & AVERAGE OF 6.5 STARS AS NOMINATED IN THE REPORT.  
 - PEFC & FSC TIMBER TO BE USED PROJECT WIDE.  
 - ALL INTERNAL PAINT TO BE LOW VOC PAINT PROJECT WIDE.

**AREA ANALYSIS**

SITE AREA	849.86 m <sup>2</sup>
SITE COVERAGE	57.59% 489.47 m <sup>2</sup>
PERMEABLE SURFACE	43.29% 367.91 m <sup>2</sup>
GARDEN AREA	38.33% 325.83 m <sup>2</sup>
VEGETATED AREA	32.67% 277.70 m <sup>2</sup>

**DWELLING 1**

GROUND FLOOR	189.22 m <sup>2</sup>
GARAGE	26.16 m <sup>2</sup>
PORCH	4.79 m <sup>2</sup>
FIRST FLOOR	130.26 m <sup>2</sup>
FRONT YARD	28.15 m <sup>2</sup>
S.P.O.S	102.08 m <sup>2</sup>
P.O.S	19.94 m <sup>2</sup>
SERVICE YARD	23.57 m <sup>2</sup>
<b>OVERALL (NOT INC. ALFRESCO)</b>	<b>350.43 m<sup>2</sup></b>
<b>ON-SITE CAR PARKING</b>	<b>2 SPACES</b>

**DWELLING 2**

GROUND FLOOR	170.65 m <sup>2</sup>
GARAGE	40.57 m <sup>2</sup>
PORCH	2.96 m <sup>2</sup>
FIRST FLOOR	129.47 m <sup>2</sup>
FRONT YARD	33.10 m <sup>2</sup>
S.P.O.S	102.42 m <sup>2</sup>
P.O.S	30.15 m <sup>2</sup>
SERVICE YARD	15.91 m <sup>2</sup>
<b>OVERALL (NOT INC. ALFRESCO)</b>	<b>343.65 m<sup>2</sup></b>
<b>ON-SITE CAR PARKING</b>	<b>2 SPACES</b>

**LEGEND**

	WATER METER
	ELECTRICAL METER
	AIR CONDITIONING UNIT
	HOT WATER SERVICE
	CLOTHESLINE
	RAINWATER TANK & SIZE
	BIN LOCATION (GENERAL / RECYCLABLE / GLASS / FOGO)

**WELS RATING:**  
 WATER EFFICIENCY TO EACH DWELLING:  
 SHOWER HEAD: 3 STAR WELS (>=6 BUT <=7.5)  
 KITCHEN/BATHROOM TAPS: 5 STAR WELS  
 DISHWASHERS: 5 STAR WELS  
 WC: 4 STAR WELS

**EXTERNAL LIGHTING:**  
 ANY EXTERNAL LIGHTING IS TO BE FITTED WITH DAYLIGHT SENSORS

**LIGHTING REQUIREMENTS:**  
 ALL DWELLINGS ARE TO ACHIEVE 4W/m<sup>2</sup> LIGHTING DENSITY

**DOUBLE GLAZING:**  
 ALL HABITABLE ROOM WINDOWS ARE TO BE DOUBLE GLAZED.

**MINIMUM GRADE:**  
 A MINIMUM GRADE OF 1:200 FOR INDOOR AND 1:100 FOR OUTDOOR PARKING AREAS IS REQUIRED FOR DRAINAGE PURPOSES

**BOUNDARY FENCES:**  
 ALL SIDE BOUNDARY FENCES TO BE MINIMUM 1.80M HIGH ABOVE NGL AND TAPER DOWN 0.90M HIGH WITHIN THE FRONT SETBACK.

**AHD LEVELS:**  
 ALL LEVELS ARE SURVEYED TO AHD BY A LICENSED LAND SURVEYOR

**REVISION**

15.09.23	TOWN PLANNING APPLICATION
13.11.23	RESPONSE TO COUNCIL'S RFI DATED 16/10/23

**VEGETATION:**  
 WHERE POSSIBLE, NATIVE OR DROUGHT TOLERANT SPECIES IS TO BE USED.  
 IF IRRIGATION IS REQUIRED, DRIP IRRIGATION AND MULCH IS TO BE USED.

**CLOTHESLINES:**  
 ALL CLOTHESLINES ARE TO BE RETRACTABLE.

**TAOUKARCHITECTS**

P. 9486 8080 448 HEIDELBERG ROAD FAIRFIELD VIC 3078  
 E. info@taoukarchitects.com.au W taoukarchitects.com.au

**PROJECT**

**RESIDENTIAL DEVELOPMENT  
 9 ARTHUR STREET  
 FAIRFIELD VIC 3078**

CLIENT

-

DRAWING TITLE

**GROUND FLOOR PLAN**

SCALE

1:100 @ A1

JOB No.

22-35

DATE

NOVEMBER 2023

ISSUE

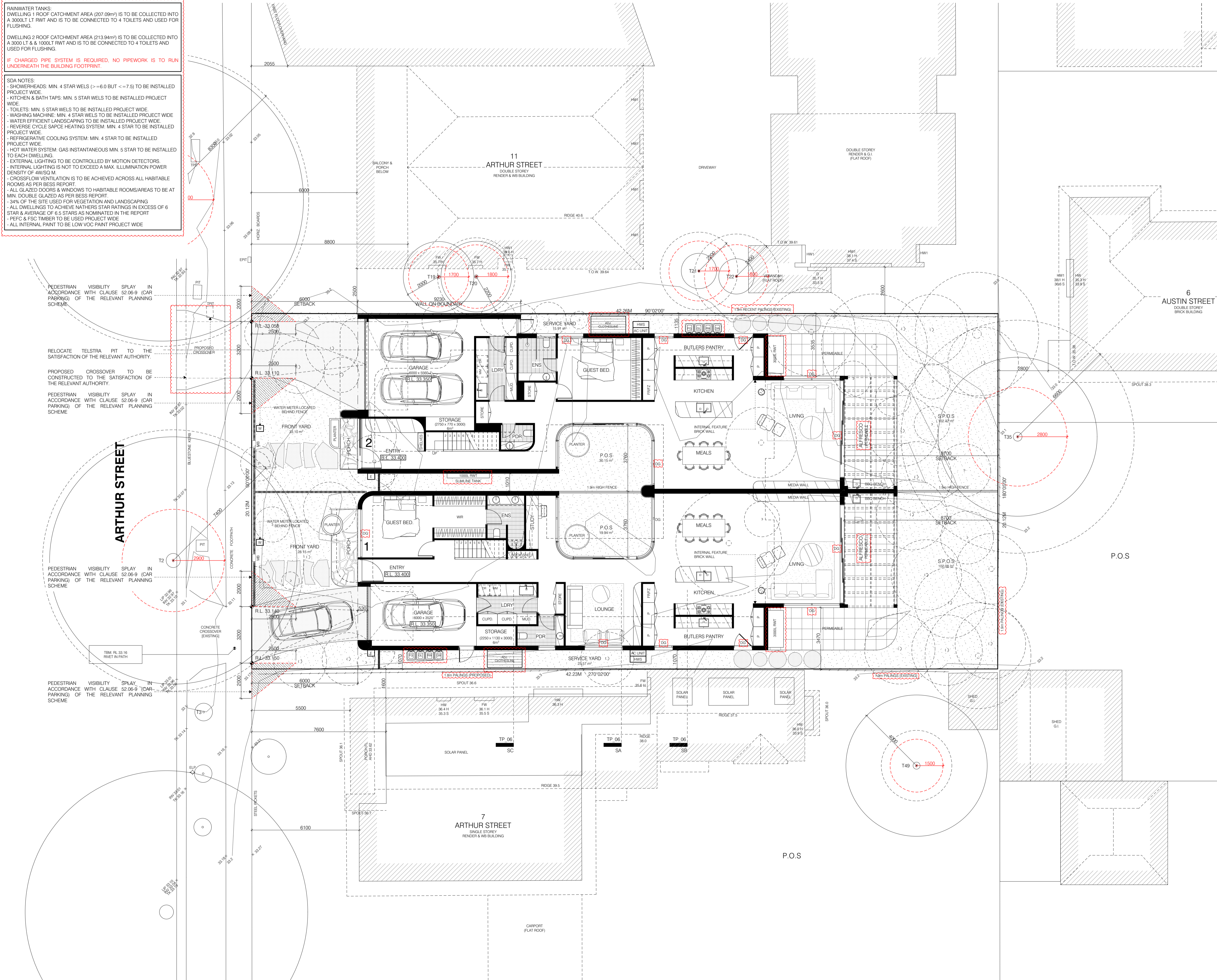
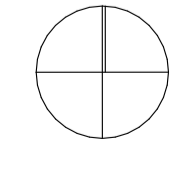
TOWN PLANNING

DRAWN

IA

DRAWING No.

**TP\_02**





**RAINWATER TANKS:**  
 DWELLING 1 ROOF CATCHMENT AREA (207.09m<sup>2</sup>) IS TO BE COLLECTED INTO A 3000LT LT RW T AND IS TO BE CONNECTED TO 4 TOILETS AND USED FOR FLUSHING.  
 DWELLING 2 ROOF CATCHMENT AREA (213.94m<sup>2</sup>) IS TO BE COLLECTED INTO A 3000 LT & 1000LT RW T AND IS TO BE CONNECTED TO 4 TOILETS AND USED FOR FLUSHING.  
**IF CHARGED PIPE SYSTEM IS REQUIRED, NO PIPEWORK IS TO RUN UNDERNEATH THE BUILDING FOOTPRINT.**

**SDA NOTES**  
 - SHOWERHEADS: MIN. 4 STAR WELS (>=6.0 BUT <=7.5) TO BE INSTALLED PROJECT WIDE.  
 - KITCHEN & BATH TAPS: MIN. 5 STAR WELS TO BE INSTALLED PROJECT WIDE.  
 - TOILETS: MIN. 5 STAR WELS TO BE INSTALLED PROJECT WIDE.  
 - WASHING MACHINE: MIN. 4 STAR WELS TO BE INSTALLED PROJECT WIDE.  
 - WATER EFFICIENT LANDSCAPING TO BE INSTALLED PROJECT WIDE.  
 - REVERSE CYCLE SPACE HEATING SYSTEM: MIN. 4 STAR TO BE INSTALLED PROJECT WIDE.  
 - REFRIGERATIVE COOLING SYSTEM: MIN. 4 STAR TO BE INSTALLED PROJECT WIDE.  
 - HOT WATER SYSTEM: GAS INSTANTANEOUS MIN. 5 STAR TO BE INSTALLED TO EACH DWELLING.  
 - EXTERNAL LIGHTING TO BE CONTROLLED BY MOTION DETECTORS.  
 - INTERNAL LIGHTING IS NOT TO EXCEED A MAX. ILLUMINATION POWER DENSITY OF 4W/ISO M.  
 - CROSSFLOW VENTILATION IS TO BE ACHIEVED ACROSS ALL HABITABLE ROOMS AS PER BESS REPORT.  
 - ALL GLAZED DOORS & WINDOWS TO HABITABLE ROOMS/AREAS TO BE AT MIN. DOUBLE GLAZED AS PER BESS REPORT.  
 - 34% OF THE SITE USED FOR VEGETATION AND LANDSCAPING  
 - ALL DWELLINGS TO ACHIEVE NATHERS STAR RATINGS IN EXCESS OF 6 STAR & AVERAGE OF 6.5 STARS AS NOMINATED IN THE REPORT  
 - PEFC & FSC TIMBER TO BE USED PROJECT WIDE  
 - ALL INTERNAL PAINT TO BE LOW VOC PAINT PROJECT WIDE

**AREA ANALYSIS**

SITE AREA	849.86 m <sup>2</sup>
SITE COVERAGE	57.59% 489.47 m <sup>2</sup>
PERMEABLE SURFACE	43.29% 367.91 m <sup>2</sup>
GARDEN AREA	38.33% 325.83 m <sup>2</sup>
VEGETATED AREA	32.67% 277.70 m <sup>2</sup>

<b>DWELLING 1</b>	
GROUND FLOOR	189.22 m <sup>2</sup>
GARAGE	26.16 m <sup>2</sup>
PORCH	4.79 m <sup>2</sup>
FIRST FLOOR	130.26 m <sup>2</sup>
FRONT YARD	28.15 m <sup>2</sup>
S.P.O.S	102.08 m <sup>2</sup>
P.O.S	19.94 m <sup>2</sup>
SERVICE YARD	23.57 m <sup>2</sup>
<b>OVERALL (NOT INC. ALFRESCO)</b>	<b>350.43 m<sup>2</sup></b>
<b>ON-SITE CAR PARKING</b>	<b>2 SPACES</b>

<b>DWELLING 2</b>	
GROUND FLOOR	170.65 m <sup>2</sup>
GARAGE	40.57 m <sup>2</sup>
PORCH	2.96 m <sup>2</sup>
FIRST FLOOR	129.47 m <sup>2</sup>
FRONT YARD	33.10 m <sup>2</sup>
S.P.O.S	102.42 m <sup>2</sup>
P.O.S	30.15 m <sup>2</sup>
SERVICE YARD	15.91 m <sup>2</sup>
<b>OVERALL (NOT INC. ALFRESCO)</b>	<b>343.65 m<sup>2</sup></b>
<b>ON-SITE CAR PARKING</b>	<b>2 SPACES</b>

**LEGEND**

- WATER METER
- ELECTRICAL METER
- AIR CONDITIONING UNIT
- HOT WATER SERVICE
- CLOTHESLINE
- RAINWATER TANK & SIZE
- BIN LOCATION (GENERAL / RECYCLABLE / GLASS / FOGO)

**WELS RATING:**  
 WATER EFFICIENCY TO EACH DWELLING:  
 SHOWER HEAD: 3 STAR WELS (>=6 BUT <=7.5)  
 KITCHEN/BATHROOM TAPS: 5 STAR WELS  
 DISHWASHERS: 5 STAR WELS  
 WC: 4 STAR WELS

**EXTERNAL LIGHTING:**  
 ANY EXTERNAL LIGHTING IS TO BE FITTED WITH DAYLIGHT SENSORS

**LIGHTING REQUIREMENTS:**  
 ALL DWELLINGS ARE TO ACHIEVE 4W/m<sup>2</sup> LIGHTING DENSITY

**DOUBLE GLAZING:**  
 ALL HABITABLE ROOM WINDOWS ARE TO BE DOUBLE GLAZED.

**MINIMUM GRADE:**  
 A MINIMUM GRADE OF 1:200 FOR INDOOR AND 1:100 FOR OUTDOOR PARKING AREAS IS REQUIRED FOR DRAINAGE PURPOSES

**BOUNDARY FENCES:**  
 ALL SIDE BOUNDARY FENCES TO BE MINIMUM 1.80M HIGH ABOVE NGL AND TAPER DOWN 0.90M HIGH WITHIN THE FRONT SETBACK.

**AHD LEVELS:**  
 ALL LEVELS ARE SURVEYED TO AHD BY A LICENSED LAND SURVEYOR

**REVISION**  
 - 18.09.23 TOWN PLANNING APPLICATION  
 - 13.11.23 RESPONSE TO COUNCIL'S RFI DATED 16/10/23

**VEGETATION:**  
 WHERE POSSIBLE, NATIVE OR DROUGHT TOLERANT SPECIES IS TO BE USED.  
 IF IRRIGATION IS REQUIRED, DRIP IRRIGATION AND MULCH IS TO BE USED.

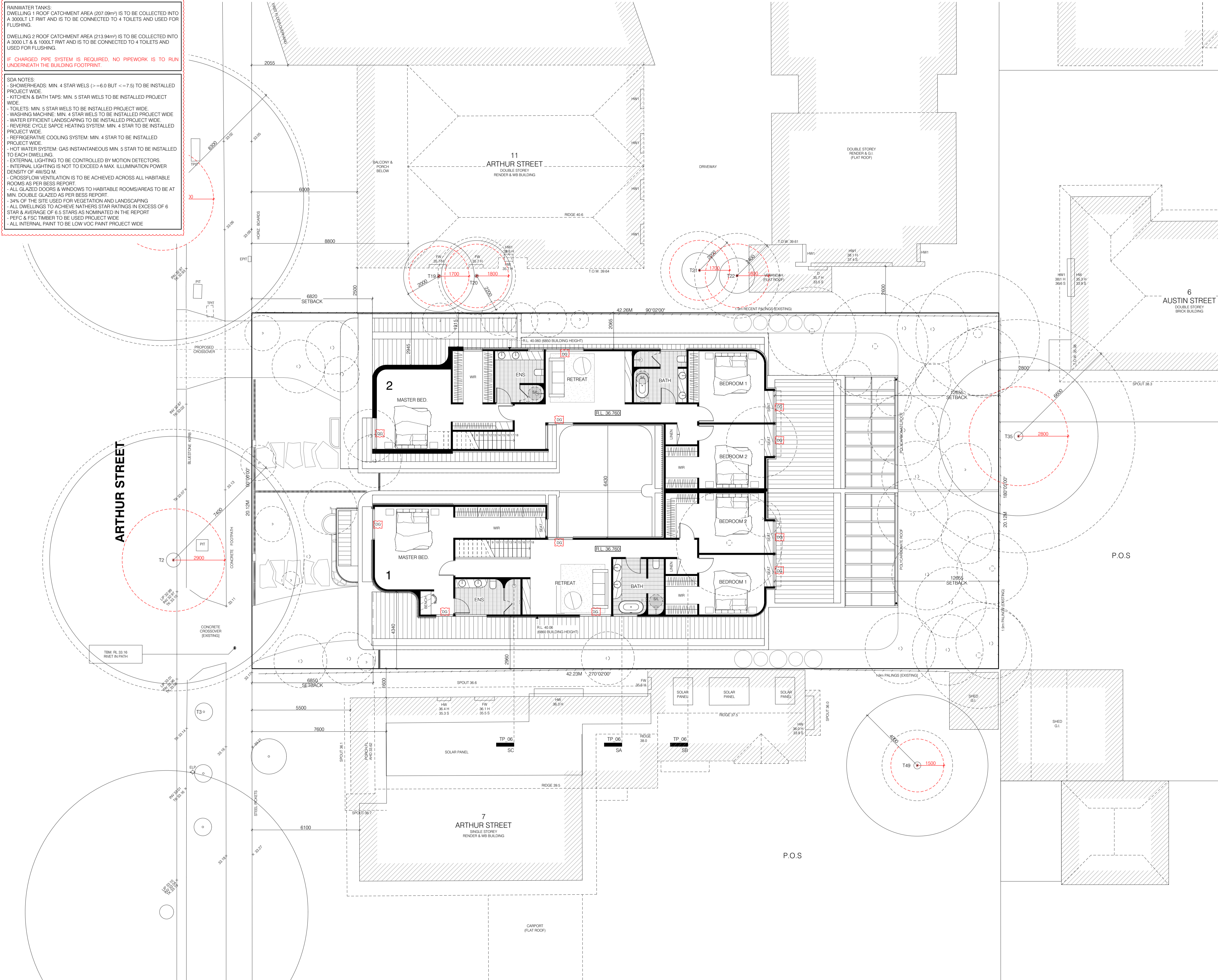
**CLOTHESLINES:**  
 ALL CLOTHESLINES ARE TO BE RETRACTABLE.

**TAOUKARCHITECTS**

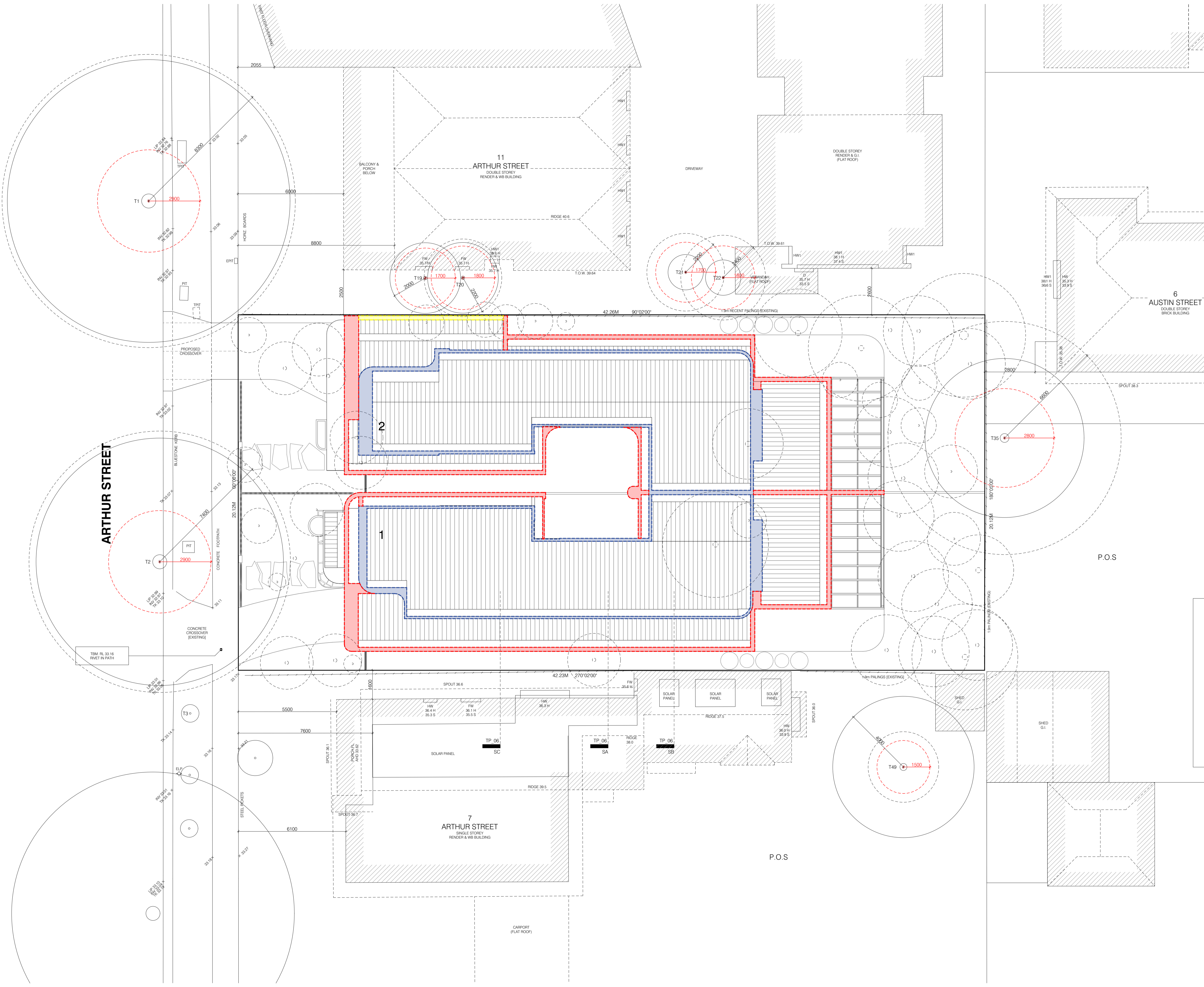
p. 9486 8080 448 HEIDELBERG ROAD FAIRFIELD VIC 3078  
 e. info@taoukarchitects.com.au w taoukarchitects.com.au

**RESIDENTIAL DEVELOPMENT  
 9 ARTHUR STREET  
 FAIRFIELD VIC 3078**

CLIENT	-
DRAWING TITLE	FIRST FLOOR PLAN
SCALE	1:100 @ A1
DATE	NOVEMBER 2023
ISSUE	TOWN PLANNING
DRAWN	IA
DRAWING No.	<b>TP_03</b>
JOB No.	22-35
REVISION	-







**AREA ANALYSIS**

SITE AREA	849.86 m <sup>2</sup>
SITE COVERAGE	57.59% 489.47 m <sup>2</sup>
PERMEABLE SURFACE	43.29% 367.91 m <sup>2</sup>
GARDEN AREA	38.33% 325.83 m <sup>2</sup>
VEGETATED AREA	32.67% 277.70 m <sup>2</sup>

<b>DWELLING 1</b>	
GROUND FLOOR	189.22 m <sup>2</sup>
GARAGE	26.16 m <sup>2</sup>
PORCH	4.79 m <sup>2</sup>
FIRST FLOOR	130.26 m <sup>2</sup>
FRONT YARD	28.15 m <sup>2</sup>
S.P.O.S	102.08 m <sup>2</sup>
P.O.S	19.94 m <sup>2</sup>
SERVICE YARD	23.57 m <sup>2</sup>

OVERALL (NOT INC. ALFRESCO) 350.43 m<sup>2</sup>  
**ON-SITE CAR PARKING 2 SPACES**

<b>DWELLING 2</b>	
GROUND FLOOR	170.65 m <sup>2</sup>
GARAGE	40.57 m <sup>2</sup>
PORCH	2.96 m <sup>2</sup>
FIRST FLOOR	129.47 m <sup>2</sup>
FRONT YARD	33.10 m <sup>2</sup>
S.P.O.S	102.42 m <sup>2</sup>
P.O.S	30.15 m <sup>2</sup>
SERVICE YARD	15.91 m <sup>2</sup>

OVERALL (NOT INC. ALFRESCO) 343.65 m<sup>2</sup>  
**ON-SITE CAR PARKING 2 SPACES**

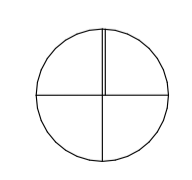
PARAPET HEIGHTS:  
 BLUE HATCH DENOTES A PARAPET HEIGHT OF R.L. 40.060  
 RED HATCH DENOTES A PARAPET HEIGHT OF R.L. 37.010  
 YELLOW HATCH DENOTES A PARAPET HEIGHT OF R.L. 40.060

REVISION  
 - 18.09.23 TOWN PLANNING APPLICATION  
 - 13.11.23 RESPONSE TO COUNCILS RFI DATED 16/10/23

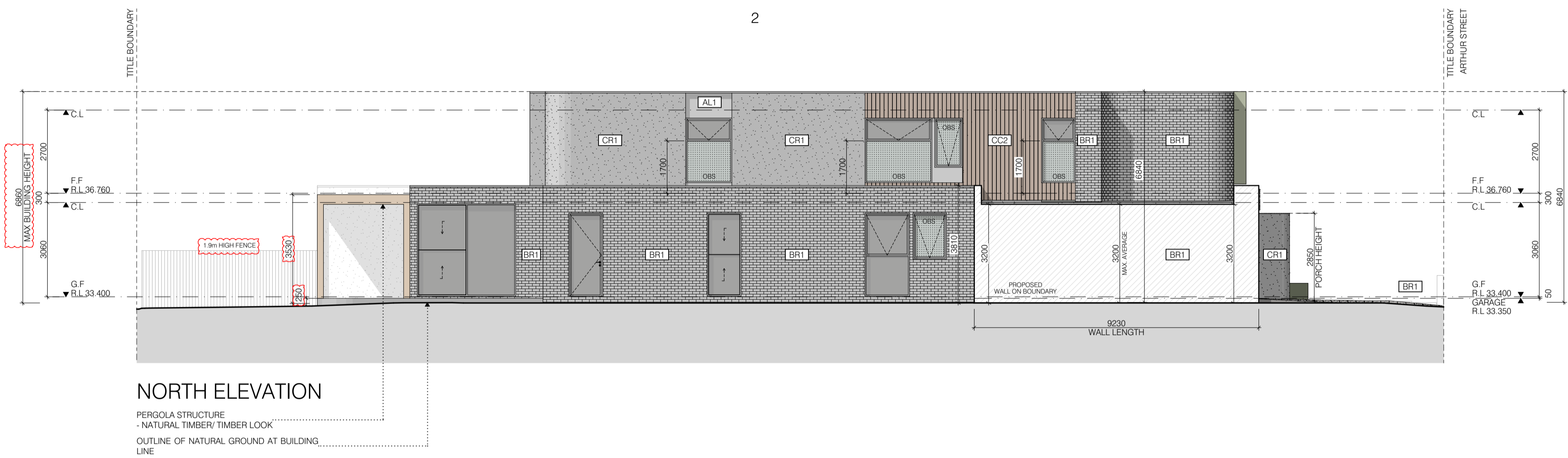
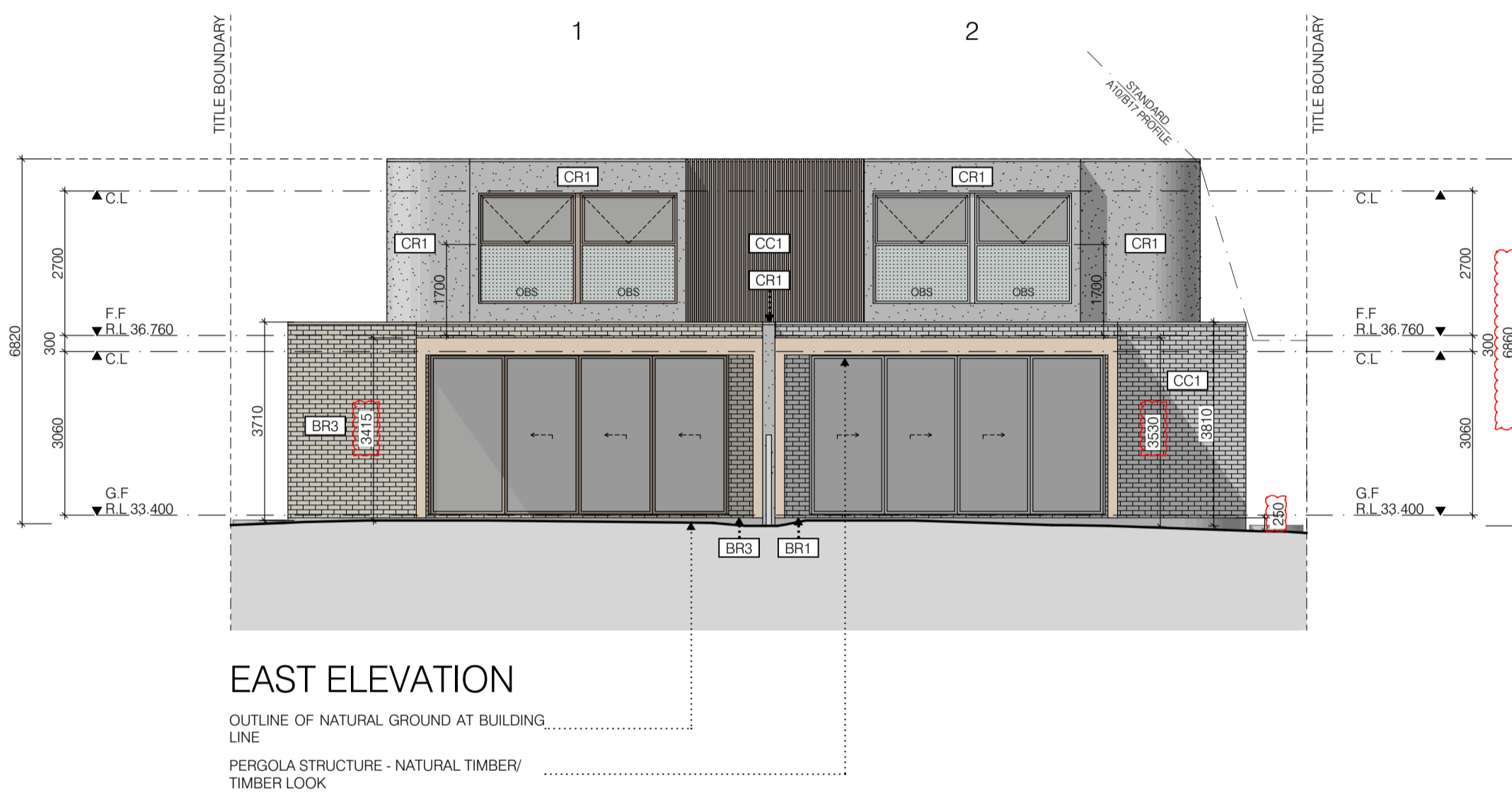
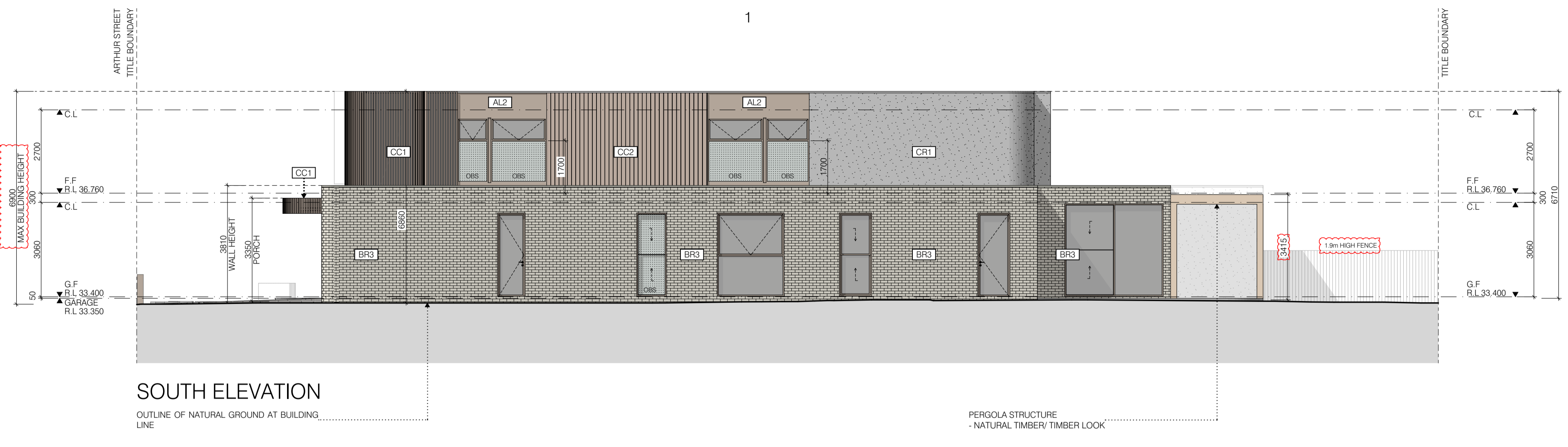
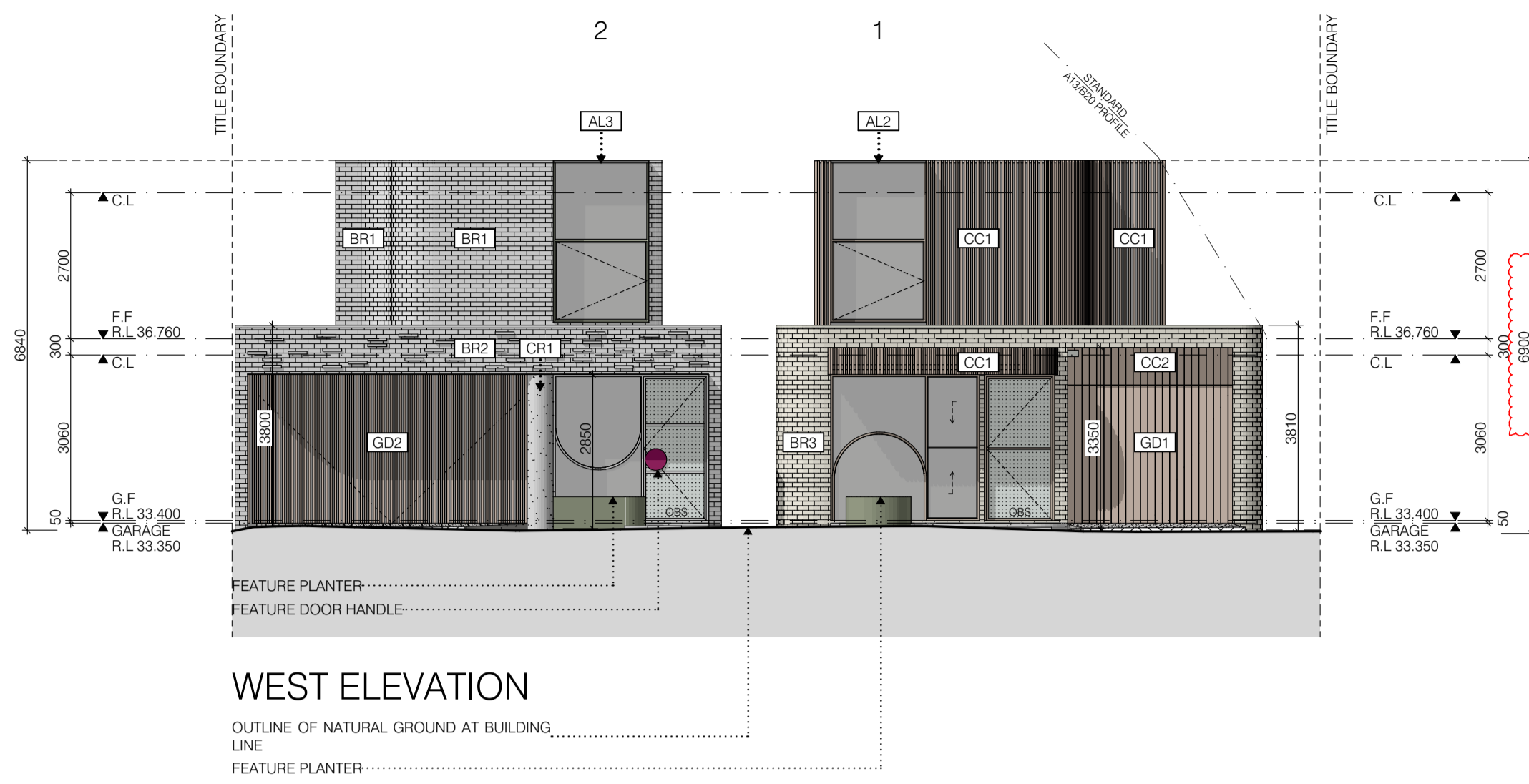
**TAOUKARCHITECTS**  
 448 HEIDELBERG ROAD FAIRFIELD VIC 3078  
 p. 9486 8080 e. info@taoukarchitects.com.au w. taoukarchitects.com.au

**RESIDENTIAL DEVELOPMENT  
 9 ARTHUR STREET  
 FAIRFIELD VIC 3078**

CLIENT	-
DRAWING TITLE	ROOF FLOOR PLAN
SCALE	1:100 @ A1
DATE	NOVEMBER 2023
ISSUE	TOWN PLANNING
DRAWN	IA
DRAWING No.	<b>TP_04</b>







**MATERIALS + FINISHES SCHEDULE**

<b>BR1</b> FACE BRICKWORK: BRICK - WHITE/GREY	<b>CC1</b> CLADDING: BATTEN CLADDING - NATURAL TIMBER/ TIMBER LOOK	<b>AL1</b> PANEL CLADDING: WHITE/LIGHT GREY	<b>FR2</b> WINDOW FRAMES: ALUMINIUM FRAMING, DULUX POWDERCOATING - CREAM/OFF WHITE
<b>BR2</b> FEATURE BRICKWORK: BRICK - CREAM/OFF WHITE	<b>CC2</b> CLADDING: VERTICAL SHIPLAP CLADDING - NATURAL TIMBER/TIMBER LOOK	<b>AL2</b> PANEL CLADDING: CREAM/OFF WHITE	<b>FR3</b> WINDOW FRAMES: ALUMINIUM FRAMING, DULUX POWDERCOATING - GREEN
<b>BR3</b> FACE BRICKWORK: BRICK - CREAM/OFF WHITE	<b>GD1</b> GARAGE DOORS: VERTICAL SHIPLAP CLADDING - NATURAL TIMBER/TIMBER LOOK	<b>AL3</b> PANEL CLADDING: GREEN	<b>FE1</b> BATTEN FENCE: PAINT FINISH - WHITE COLOUR
<b>CR1</b> CONCRETE RENDER: POLISHED CONCRETE FINISH DULUX COLOUR SPECIFIER - GREY	<b>GD2</b> GARAGE DOORS: BATTEN CLADDING - NATURAL TIMBER/ TIMBER LOOK	<b>FR1</b> WINDOW FRAMES: ALUMINIUM FRAMING, DULUX POWDERCOATING - WHITE/GREY	<b>FE2</b> BATTEN FENCE: PAINT FINISH - CREAM/OFF WHITE COLOUR

**SCREENED WINDOWS:**  
ALL SCREENED WINDOWS ARE TO BE FIXED OR RESTRICTED AWNINGS/OPERABLE TO A HEIGHT OF 1.70M FROM FFL IN ACCORDANCE WITH CLAUSE 55.04-6 (OVERLOOKING) OF THE RELEVANT COUNCIL PLANNING SCHEME

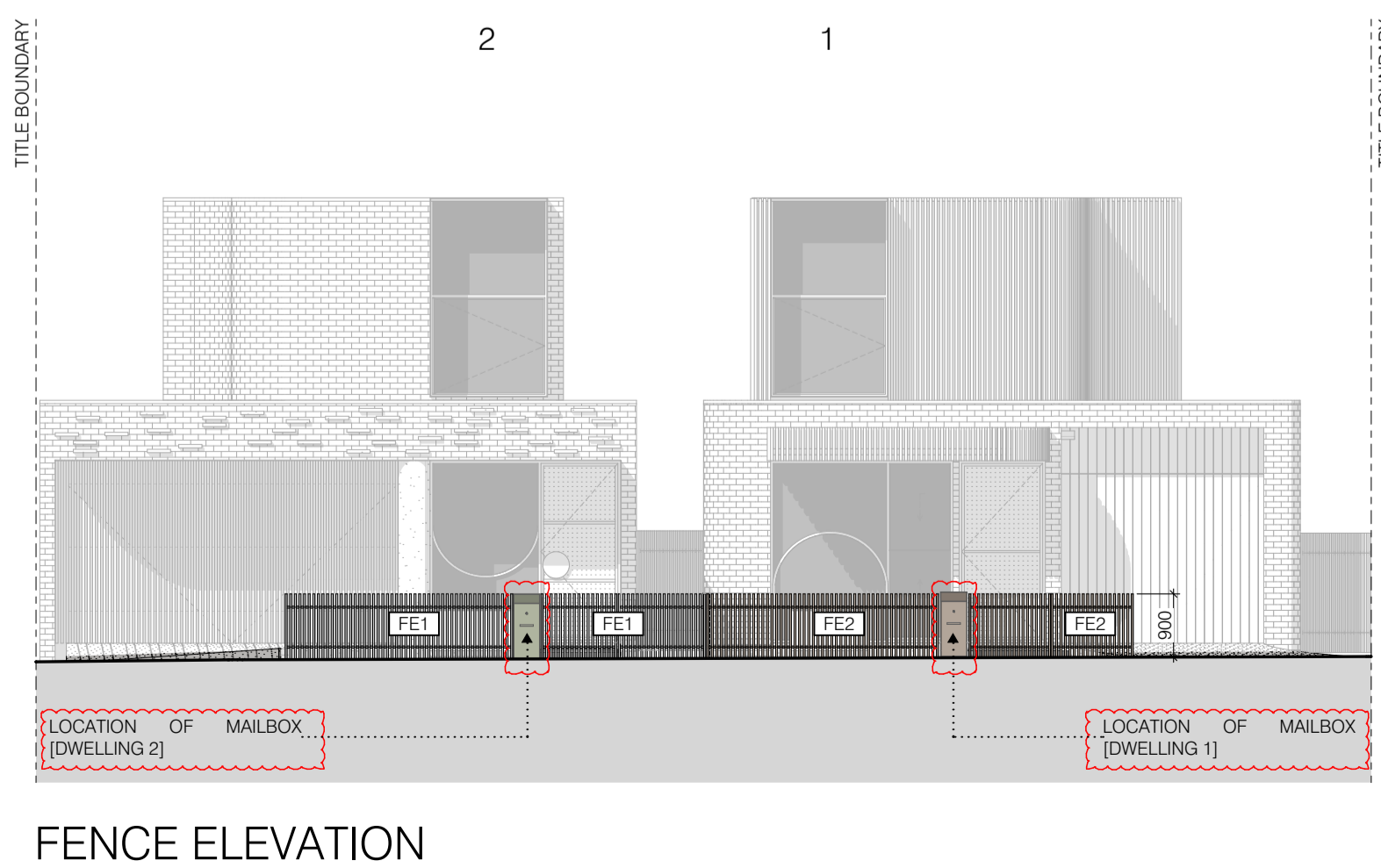
**BOUNDARY FENCES:**  
ALL SIDE BOUNDARY FENCES TO BE MINIMUM 1.80M HIGH ABOVE NGL AND TAPER DOWN 0.90M HIGH WITHIN THE FRONT SETBACK.

**AHD LEVELS:**  
ALL LEVELS ARE SURVEYED TO AHD BY A LICENSED LAND SURVEYOR

**NOTE:**  
OBS OBLSCURED GLAZING  
DOUBLE GLAZING:  
ALL HABITABLE ROOM WINDOWS ARE TO BE DOUBLE GLAZED.

REVISION

- 18.09.23	TOWN PLANNING APPLICATION
- 13.11.23	RESPONSE TO COUNCILS RFI DATED 16/10/23



**TAOUKARCHITECTS**

p. 9486 8080 448 HEIDELBERG ROAD FAIRFIELD VIC 3078  
e. info@taoukarchitects.com.au w. taoukarchitects.com.au

**RESIDENTIAL DEVELOPMENT  
9 ARTHUR STREET  
FAIRFIELD VIC 3078**

CLIENT

DRAWING TITLE

**ELEVATIONS**

SCALE 1:100, 1:1.92, 1:20 @ A1 JOB No. 22-35

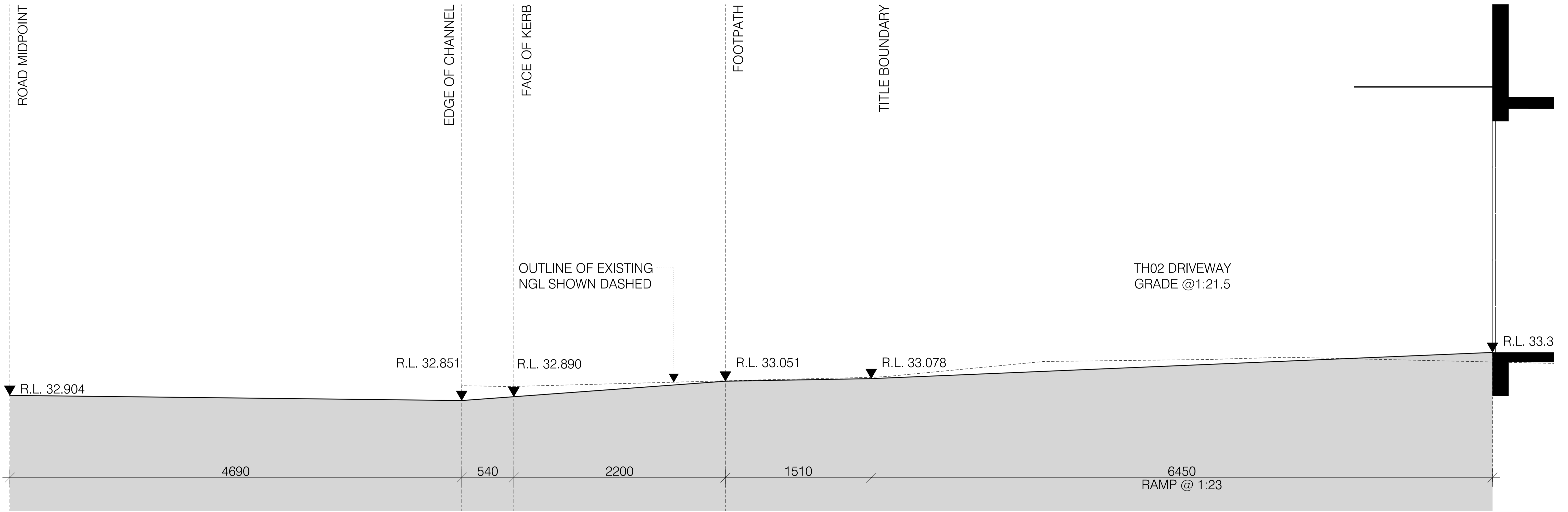
DATE NOVEMBER 2023

ISSUE TOWN PLANNING

DRAWN IA

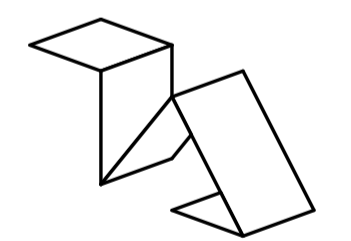
DRAWING No. **TP\_05** REVISION





D01\_TH02 DRIVEWAY SECTION

REVISION  
 - 16.09.23 TOWN PLANNING APPLICATION  
 - 13.11.23 RESPONSE TO COUNCILS RFI DATED 16/10/23



TAOUKARCHITECTS

p. 9486 8080 448 HEIDELBERG ROAD FAIRFIELD VIC 3078  
 e. info@taoukarchitects.com.au w. taoukarchitects.com.au  
 PROJECT

**RESIDENTIAL DEVELOPMENT  
 9 ARTHUR STREET  
 FAIRFIELD VIC 3078**

CLIENT

DRAWING TITLE

SECTION

SCALE 1:20 @ A1 JOB No. 22-35

DATE

NOVEMBER 2023

ISSUE

TOWN PLANNING

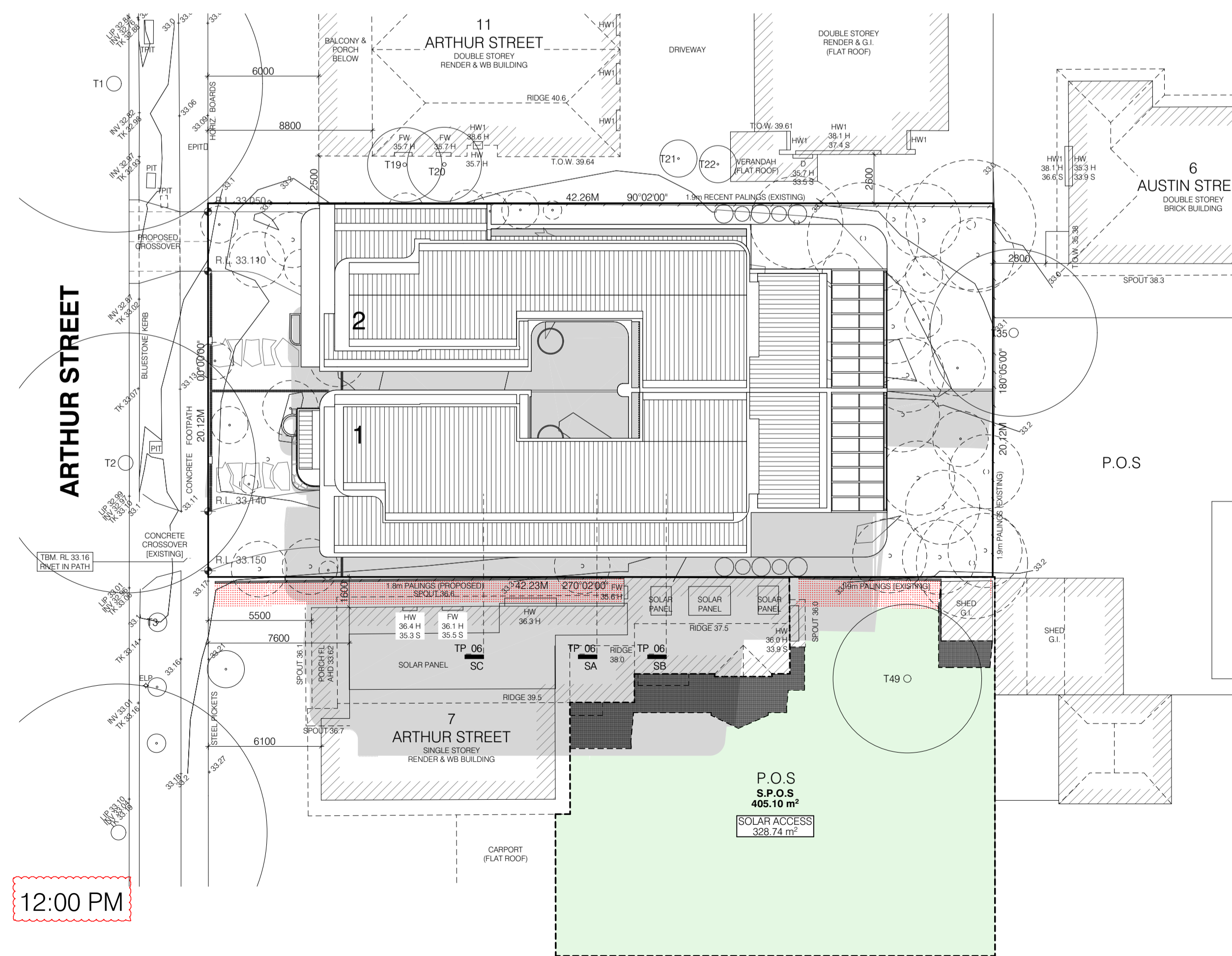
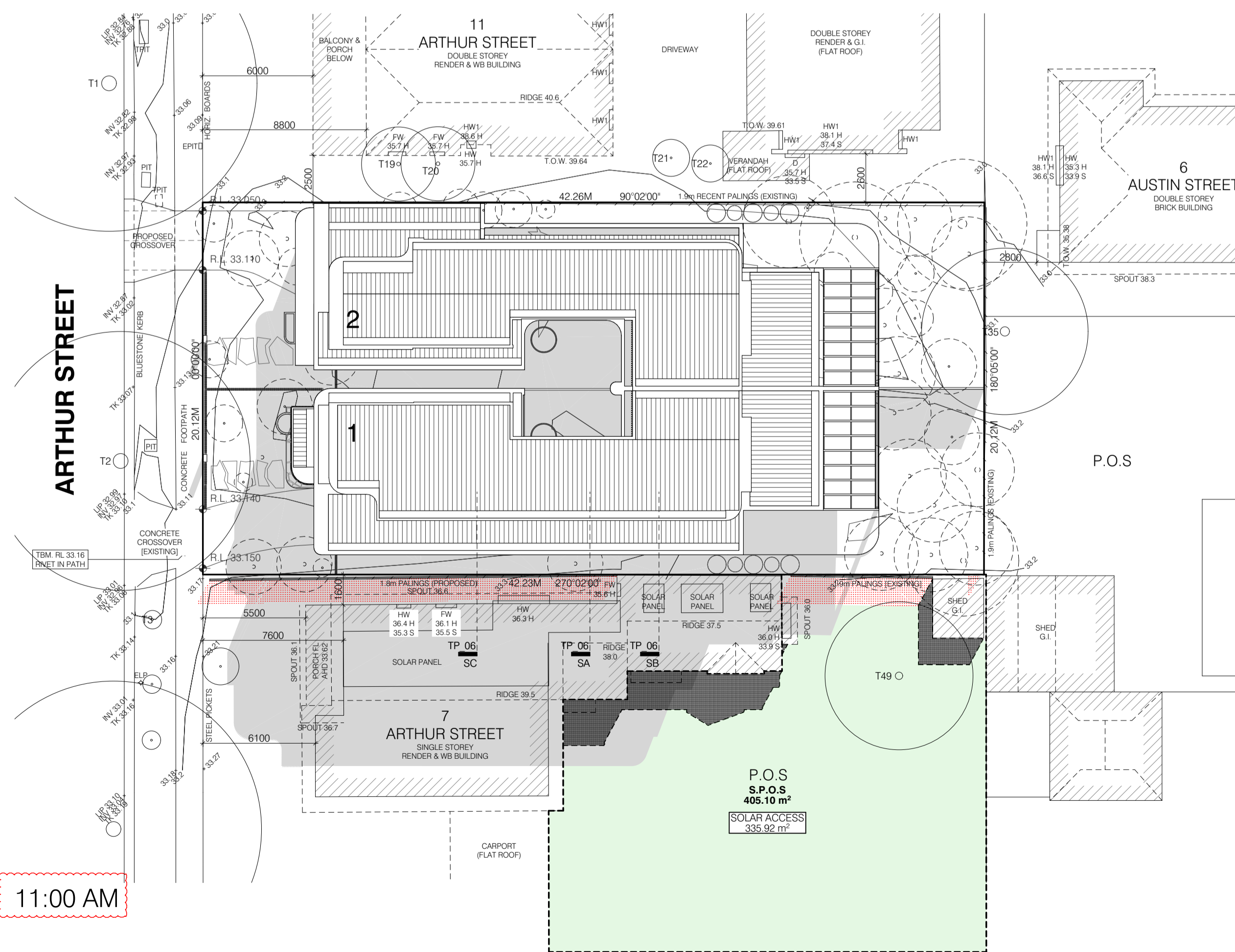
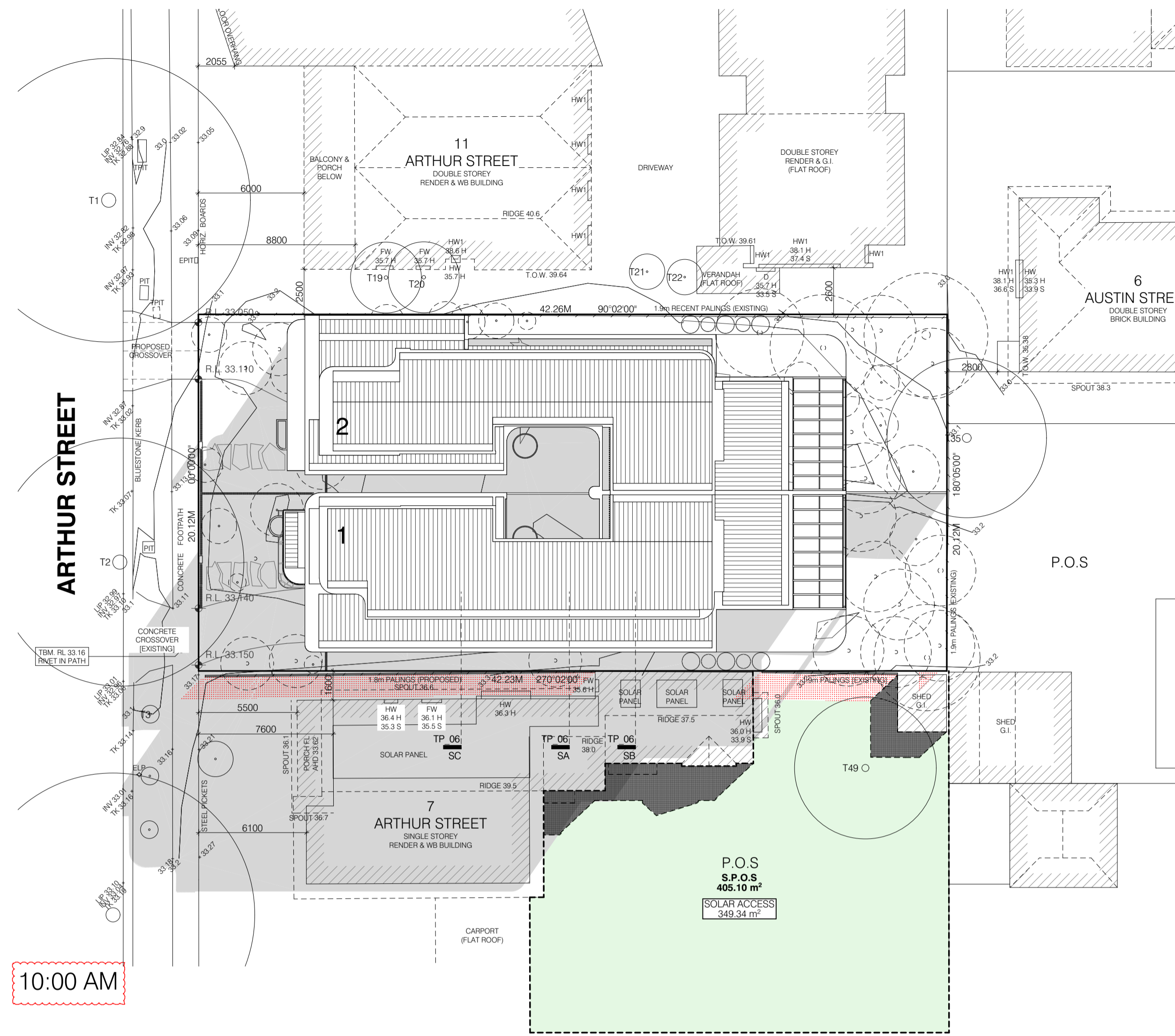
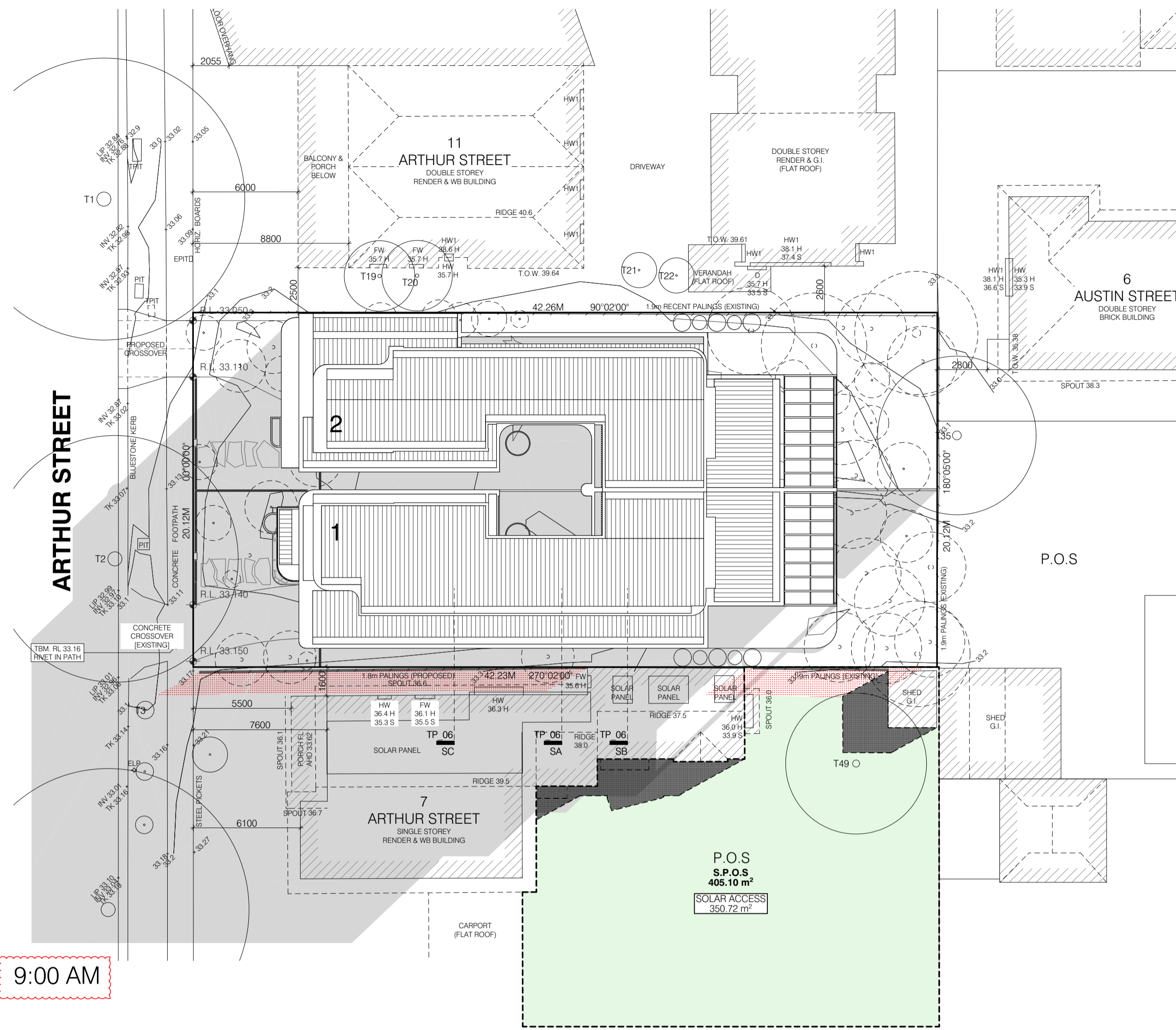
DRAWN

IA

DRAWING No. TP\_06 REVISION

TP\_06





**LEGEND**

- SHADOW DIAGRAM - 22<sup>ND</sup> SEPTEMBER [EQUINOX]
- PROJECTED SHADOWS FROM PROPOSED DEVELOPMENT
- PROJECTED SHADOWS FROM EXISTING FENCE/WALL ON BOUNDARY
- S.P.O.S AREAS OF NEIGHBOURING DWELLINGS
- PROJECTED SHADOWS FROM EXISTING BUILDING
- AVAILABLE SOLAR ACCESS

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 9:00AM 7 ARTHUR STREET		
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)		405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)		351.31m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)		350.72m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	0.14%	0.59m <sup>2</sup>

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 10:00AM 7 ARTHUR STREET		
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)		405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)		350.24m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)		349.34m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	0.25%	0.90m <sup>2</sup>

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 11:00AM 7 ARTHUR STREET		
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)		405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)		349.33m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)		335.92m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	3.83%	13.41m <sup>2</sup>

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 12:00PM 7 ARTHUR STREET		
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)		405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)		346.69m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)		328.74m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	5.17%	17.95m <sup>2</sup>

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 1:00PM 7 ARTHUR STREET		
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)		405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)		330.80m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)		303.86m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	8.14%	26.94m <sup>2</sup>

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 2:00PM 7 ARTHUR STREET		
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)		405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)		309.70m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)		253.47m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	18.15%	56.23m <sup>2</sup>

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 3:00PM 7 ARTHUR STREET		
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)		405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)		280.88m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)		156.05m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	44.44%	124.83m <sup>2</sup>

REVISION  
 - 16.09.23 TOWN PLANNING APPLICATION  
 - 13.11.23 RESPONSE TO COUNCILS RFI DATED 16/10/23

**TAOUKARCHITECTS**  
 P. 9486 8080 448 HEIDELBERG ROAD FAIRFIELD VIC 3078  
 E. info@taoukarchitects.com.au W. taoukarchitects.com.au

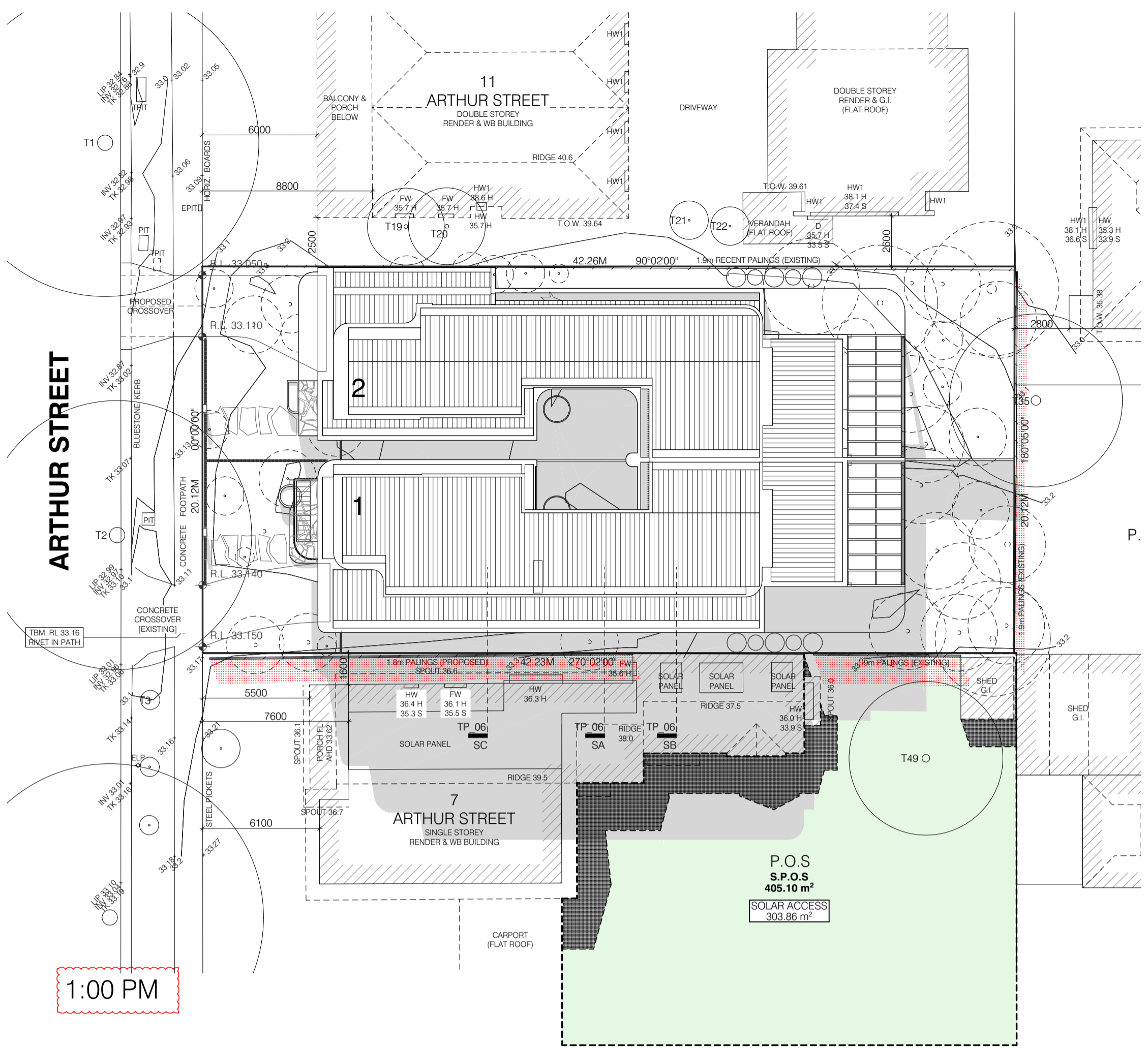
**RESIDENTIAL DEVELOPMENT  
 9 ARTHUR STREET  
 FAIRFIELD VIC 3078**

CLIENT  
 -

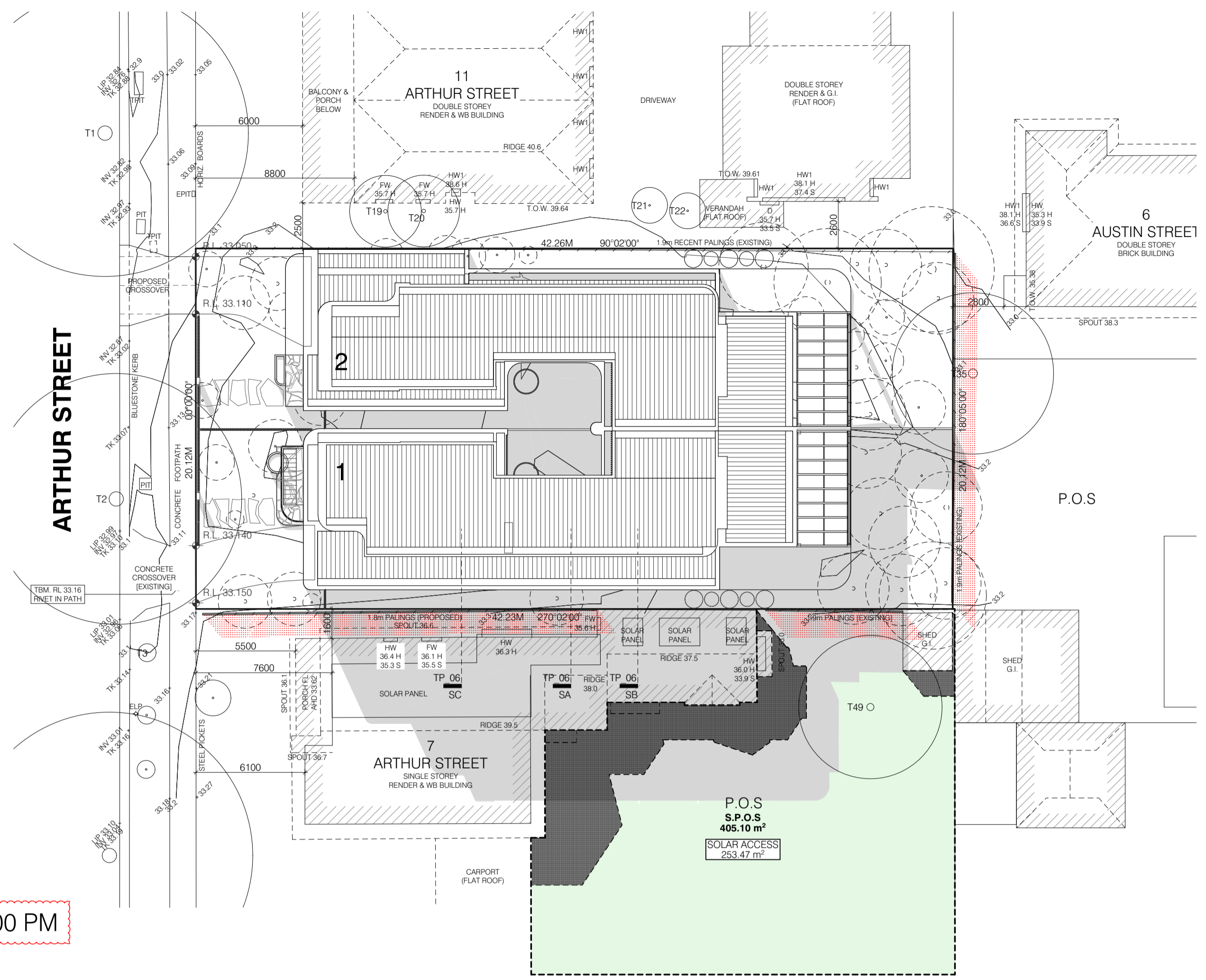
DRAWING TITLE  
**SHADOW DIAGRAM ANALYSIS**

SCALE 1:200 @ A1 JOB No. 22-35  
 DATE NOVEMBER 2023  
 ISSUE  
 TOWN PLANNING  
 DRAWN IA  
 DRAWING No. **TP\_07** REVISION

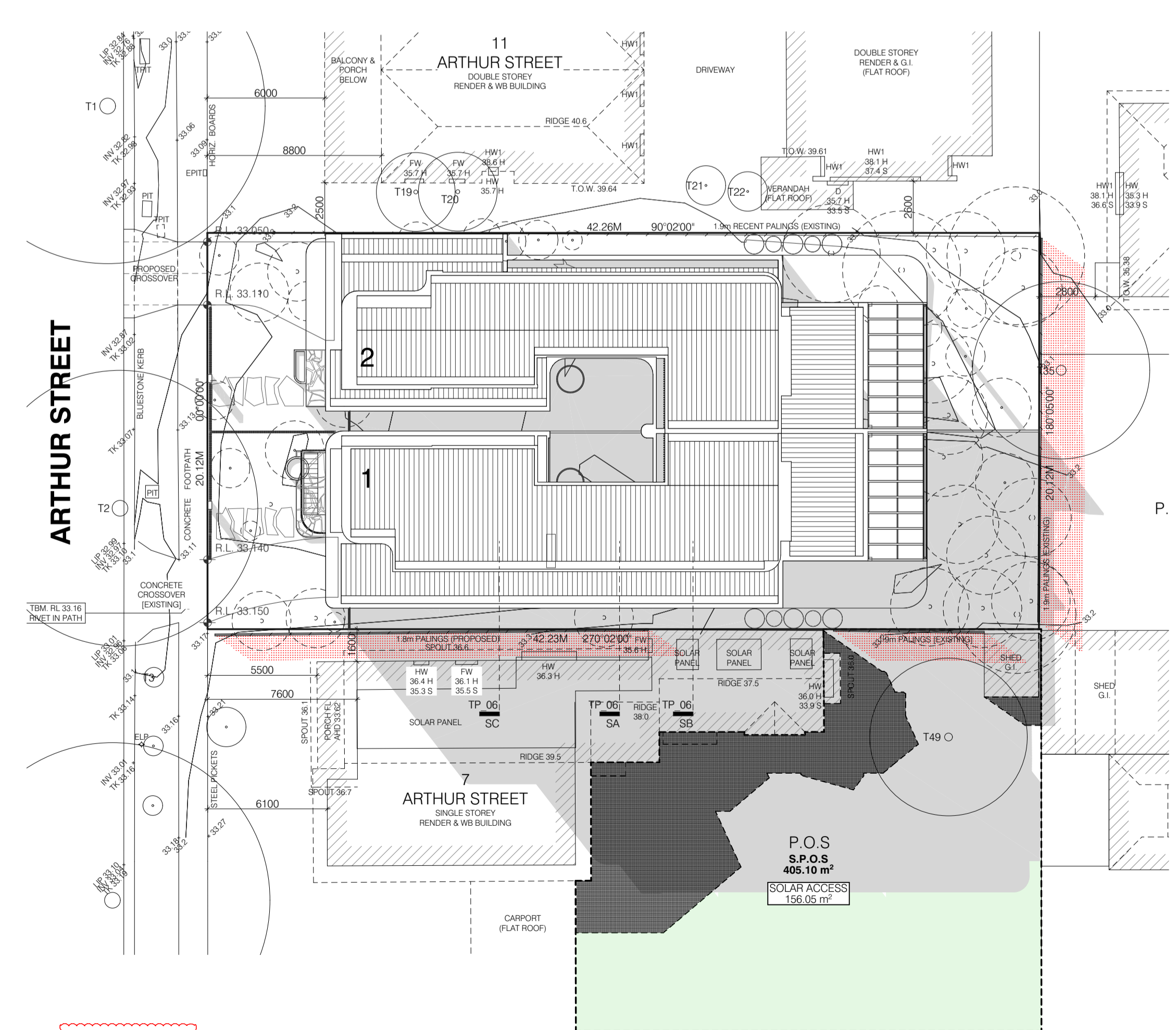




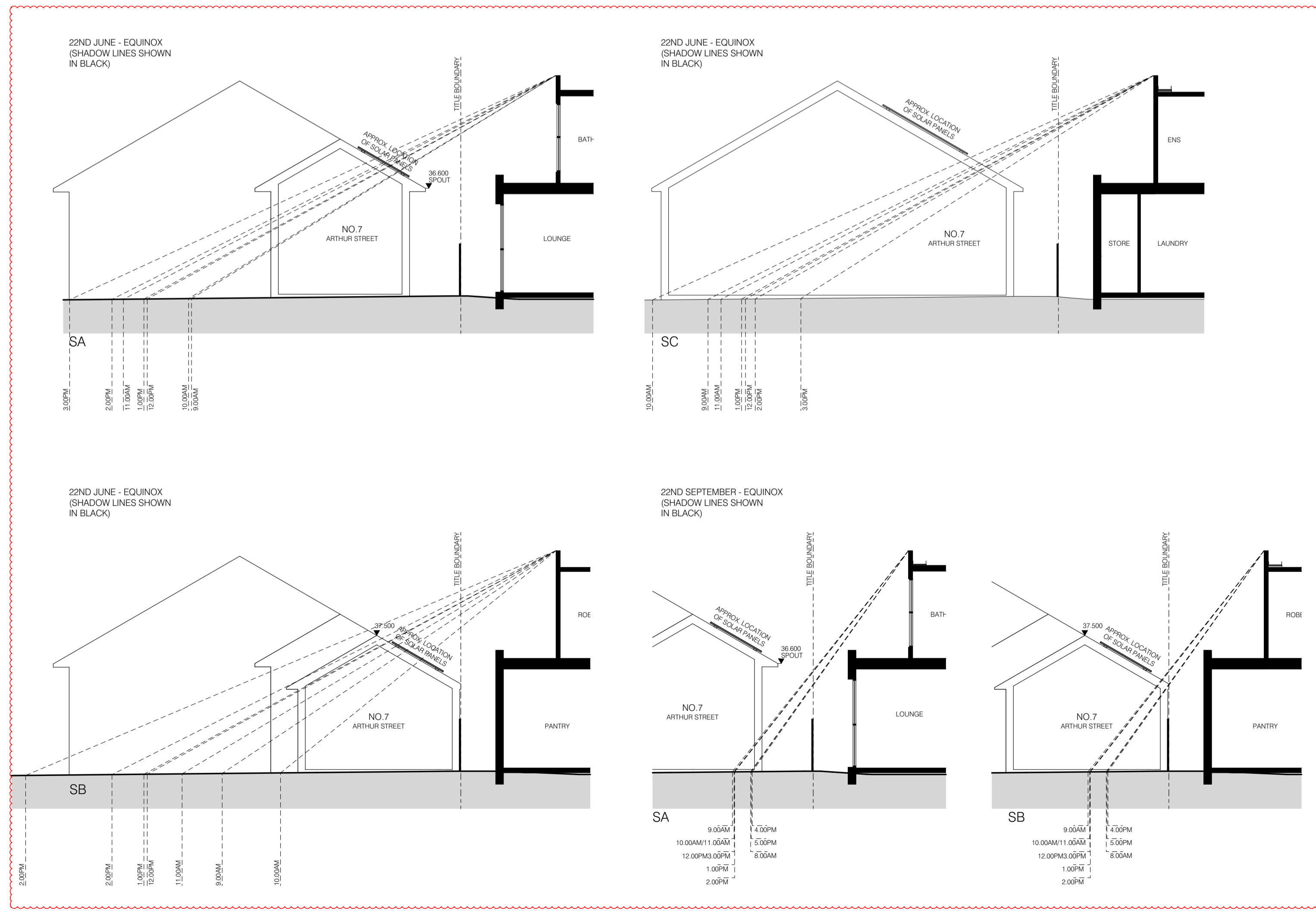
1:00 PM



2:00 PM



3:00 PM



**LEGEND**

- PROJECTED SHADOWS FROM PROPOSED DEVELOPMENT
- PROJECTED SHADOWS FROM EXISTING FENCE/WALL ON BOUNDARY
- S.P.O.S AREAS OF NEIGHBOURING DWELLINGS
- PROJECTED SHADOWS FROM EXISTING BUILDING
- AVAILABLE SOLAR ACCESS

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 9:00AM 7 ARTHUR STREET	
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)	405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)	351.31m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)	350.72m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	0.14% 0.59m <sup>2</sup>

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 10:00AM 7 ARTHUR STREET	
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)	405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)	350.24m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)	349.34m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	0.25% 0.90m <sup>2</sup>

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 11:00AM 7 ARTHUR STREET	
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)	405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)	349.69m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)	335.92m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	3.83% 13.41m <sup>2</sup>

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 12:00PM 7 ARTHUR STREET	
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)	405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)	346.69m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)	328.74m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	5.17% 17.95m <sup>2</sup>

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 1:00PM 7 ARTHUR STREET	
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)	405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)	330.80m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)	303.86m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	8.14% 26.94m <sup>2</sup>

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 2:00PM 7 ARTHUR STREET	
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)	405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)	309.70m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)	253.47m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	18.15% 56.23m <sup>2</sup>

SHADOW ANALYSIS - 22 <sup>ND</sup> SEPTEMBER [EQUINOX] 3:00PM 7 ARTHUR STREET	
TOTAL SECLUDED PRIVATE OPEN SPACE (MIN. WIDTH OF 3.0m)	405.10m <sup>2</sup>
CURRENTLY UNSHADOWED AREA (SQM)	280.88m <sup>2</sup>
PROPOSED UNSHADOWED AREA (SQM)	156.05m <sup>2</sup>
PROPOSED ADDITIONAL SHADOW (%/SQM)	44.44% 124.83m <sup>2</sup>

REVISION  
 - 18.09.23 TOWN PLANNING APPLICATION  
 - 13.11.23 RESPONSE TO COUNCIL'S RFI DATED 16/10/23

**TAOUKARCHITECTS**  
 P. 9486 8080 448 HEIDELBERG ROAD FAIRFIELD VIC 3078  
 E. info@taoukarchitects.com.au W. taoukarchitects.com.au

**RESIDENTIAL DEVELOPMENT  
 9 ARTHUR STREET  
 FAIRFIELD VIC 3078**

CLIENT  
 -

DRAWING TITLE  
 SHADOW DIAGRAM ANALYSIS

SCALE  
 1:200, 1:100 @ A1

DATE  
 NOVEMBER 2023

ISSUE  
 TOWN PLANNING

DRAWN  
 IA

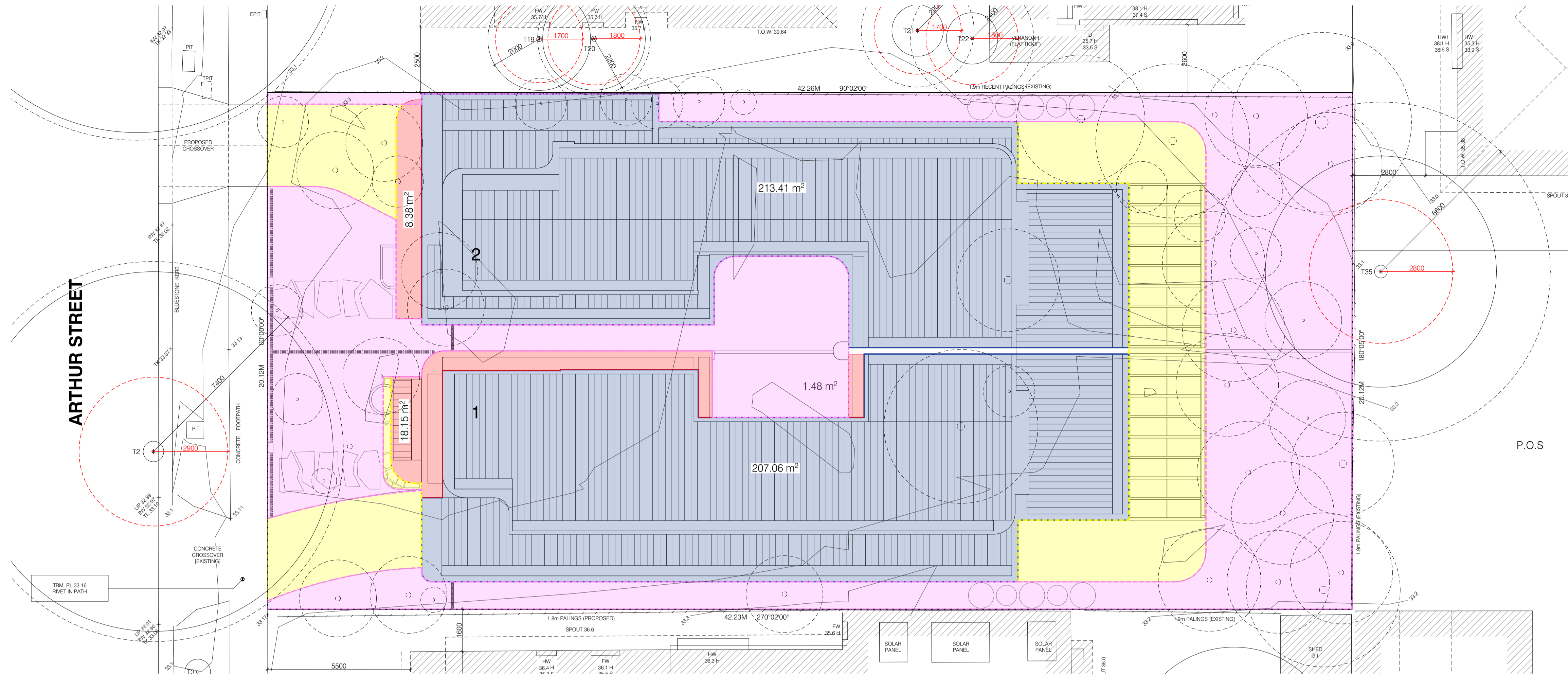
DRAWING No.  
**TP\_08**

JOB No.  
 22-35

REVISION  
 -



ROOF / WSUD PLAN



AREA ANALYSIS

SITE AREA	849.86 m <sup>2</sup>
SITE COVERAGE	57.59% 489.47 m <sup>2</sup>
PERMEABLE SURFACE	43.29% 367.91 m <sup>2</sup>
GARDEN AREA	38.33% 325.83 m <sup>2</sup>

RAINWATER TANKS:  
 DWELLING 1 ROOF CATCHMENT AREA (207.06m<sup>2</sup>) IS TO BE COLLECTED INTO A 3000L RT & 1000L RT AND IS TO BE CONNECTED TO 4 TOILETS AND USED FOR FLUSHING.  
 DWELLING 2 ROOF CATCHMENT AREA (213.94m<sup>2</sup>) IS TO BE COLLECTED INTO A 3000L RT & 1000L RT AND IS TO BE CONNECTED TO 4 TOILETS AND USED FOR FLUSHING.

IF CHARGED PIPE SYSTEM IS REQUIRED, NO PIPEWORK IS TO RUN UNDERNEATH THE BUILDING FOOTPRINT.

IMPERVIOUS SURFACES:  
 YELLOW HATCH DENOTES THE EXTENT OF IMPERVIOUS AREA WITHIN THE DEVELOPMENT (87m<sup>2</sup>).

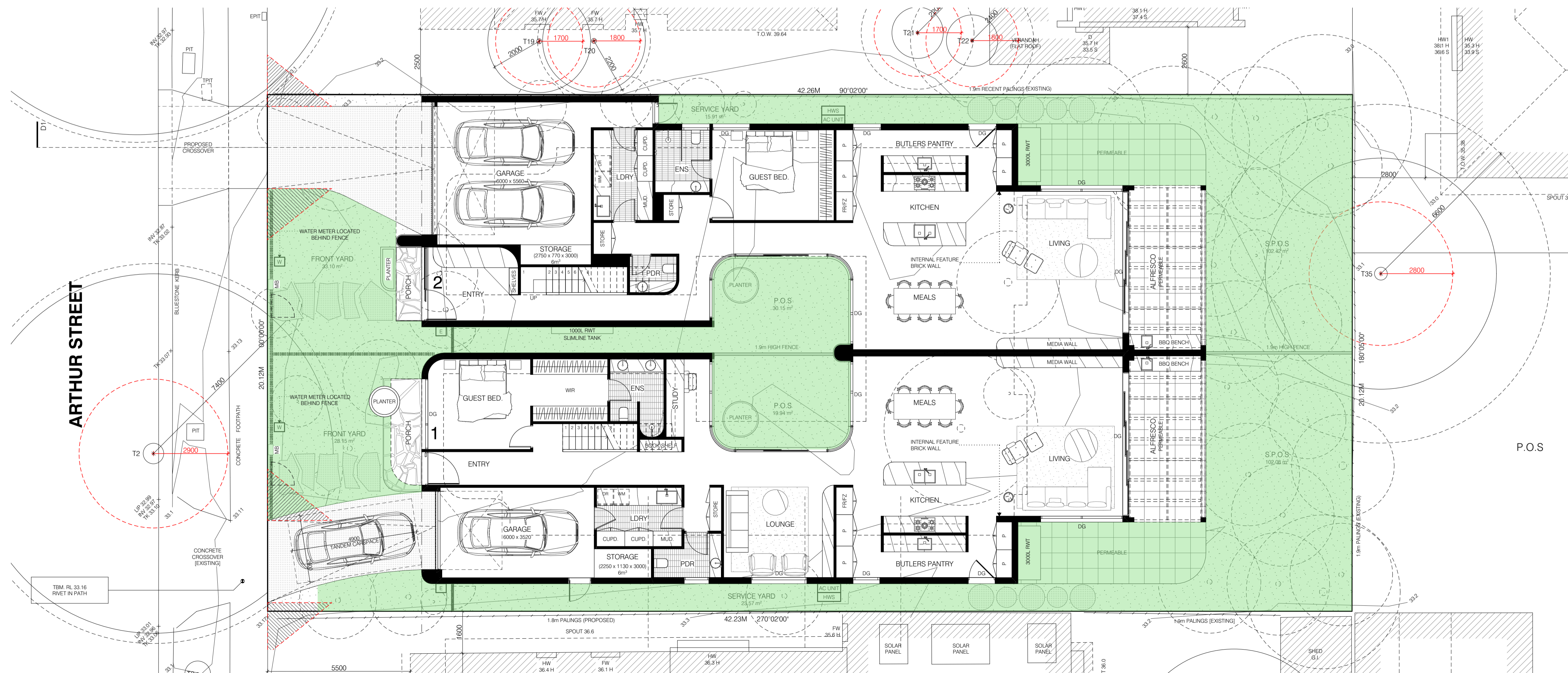
PERMEABLE SURFACES:  
 PURPLE HATCH DENOTES THE EXTENT OF PERMEABLE AREA WITHIN THE DEVELOPMENT.

ROOF AREA:  
 BLUE HATCH DENOTES THE EXTENT OF ROOF CATCHMENT TO BE DIVERTED TO RAINWATER TANK.

GARDEN AREA:  
 GREEN HATCH DENOTES THE EXTENT OF GARDEN AREA WITHIN THE DEVELOPMENT.

REVISION  
 - 18.09.23 TOWN PLANNING APPLICATION  
 - 13.11.23 RESPONSE TO COUNCILS RFI DATED 16/10/23

GARDEN AREA PLAN



TAOUKARCHITECTS  
 p. 9486 8080 448 HEIDELBERG ROAD FAIRFIELD VIC 3078  
 e. info@taoukarchitects.com.au w. taoukarchitects.com.au

RESIDENTIAL DEVELOPMENT  
 9 ARTHUR STREET  
 FAIRFIELD VIC 3078

CLIENT  
 -  
 DRAWING TITLE  
 GARDEN AREA & WSUD PLAN  
 SCALE 1:100 @ A1 JOB No. 22-35  
 DATE NOVEMBER 2023  
 ISSUE TOWN PLANNING  
 DRAWN IA  
 DRAWING No. TP\_09 REVISION