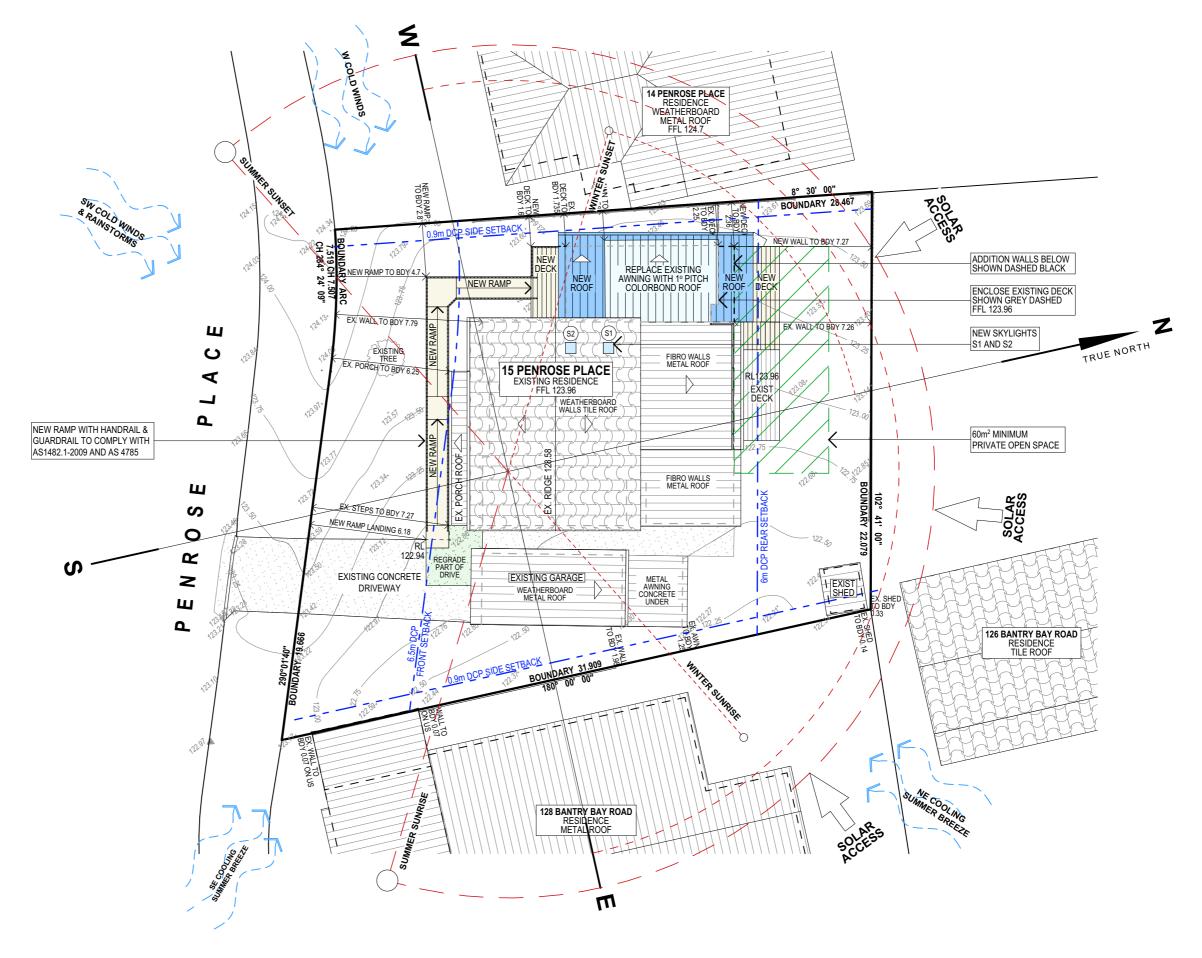
LEP FLOOR AREA - EXISTING	m²
EXISTING GARAGE	26.00
EXISTING HOUSE	133.21
TOTAL EXISTING FLOOR AREA	159.21 m²

LEP FLOOR AREA - PROPOSED	m²
EXISTING GARAGE	26.00
EXISTING HOUSE	133.21
NEW FLOOR AREA	33.93
TOTAL PROPOSED FLOOR AREA	193.14 m²

LOT 15 DP 28466

SITE AREA = 716.05 m²



SITE ANALYSIS PLAN



NOTES (E & OE)

- All structures including stormwater & drainage to engineer's details.
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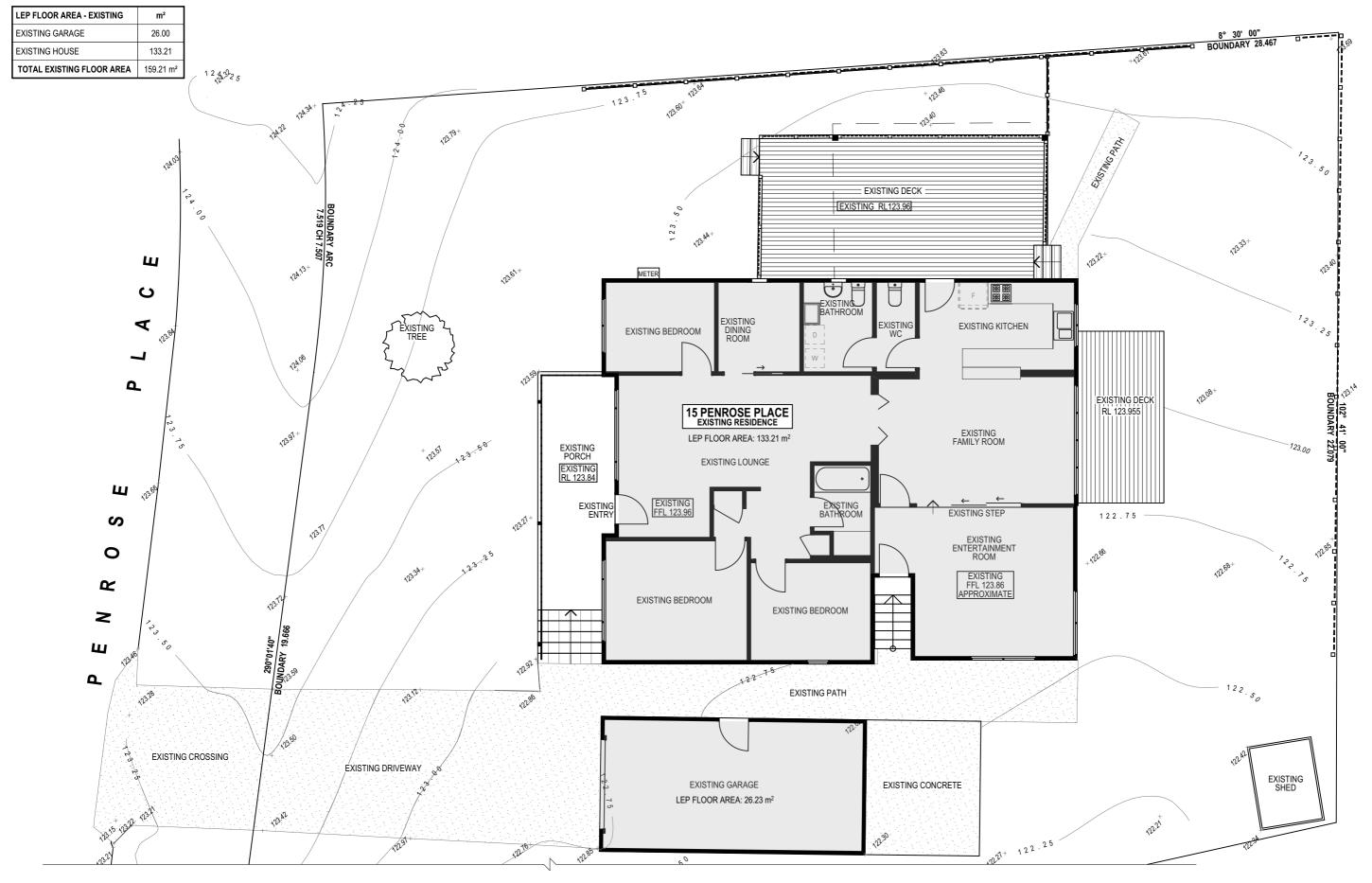
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1	PROPOSED ALTERATIONS AND ADDITIONS 5 PENROSE PLACE FRENCHS FOREST NSW 2086 CLIENT:	DATE: JUNE 2021	DRAWN BY:	SCALE: 1:200 @ A3
	STEVE KHATCHADOURIAN	JOB No:	CHECKED BY:	DRAWING No:
11 -	DRAWING TITLE: BITE ANALYSIS PLAN	914/21	JJ	DA.01



EXISTING GROUND FLOOR PLAN



- NOTES (E & OE)

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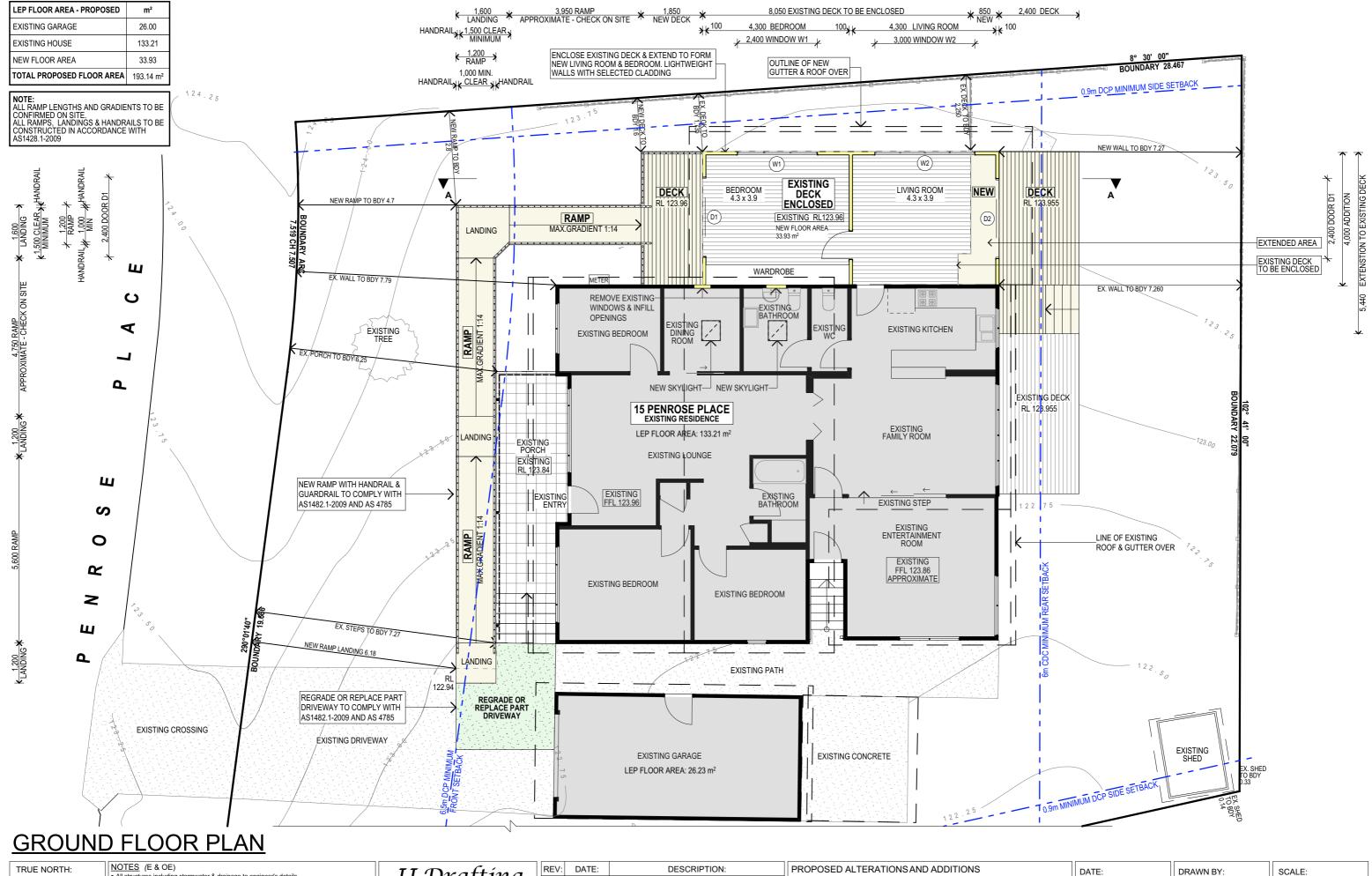
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PROPOSED ALTERATIONS AND ADDITIONS 15 PENROSE PLACE FRENCHS FOREST NSW 2086
CLIENT: STEVE KHATCHADOURIAN
DRAWING TITLE: EXISTING FLOOR PLAN

DATE: JUNE 2021	DRAWN BY:	SCALE: 1:100 @ A3
JOB No: 914/21	CHECKED BY:	DRAWING No: DA.02







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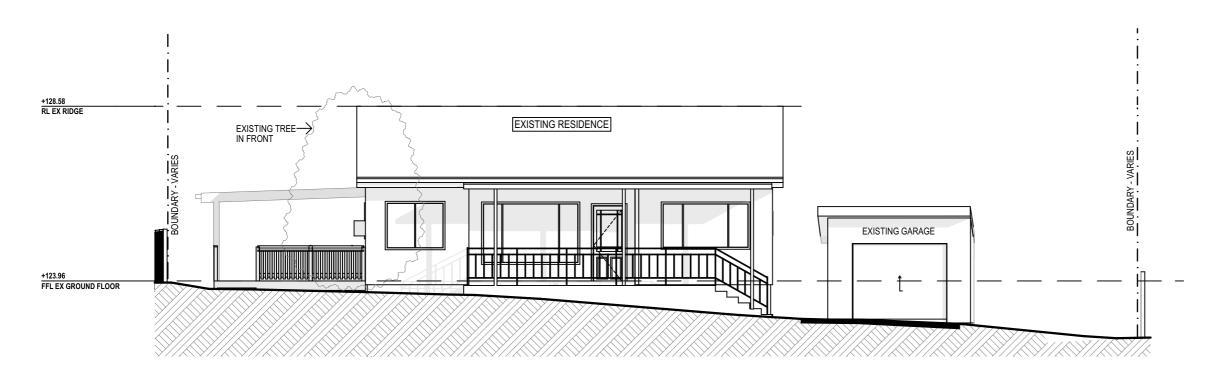
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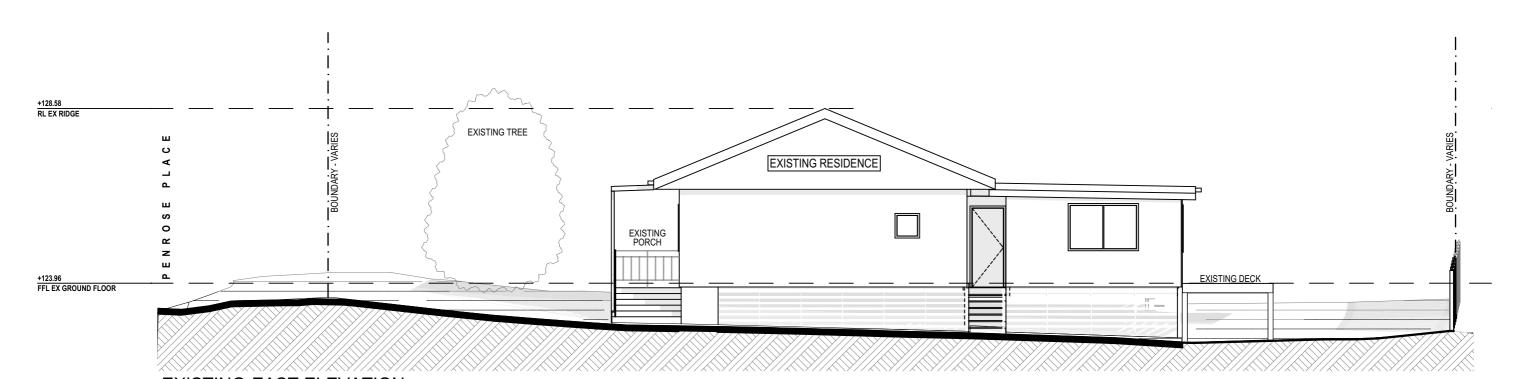
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+	DRAWING TITLE: FLOOR PLAN	914/21	JJ	DA.03



EXISTING SOUTH ELEVATION



EXISTING EAST ELEVATION

NOTES	(E & OE)
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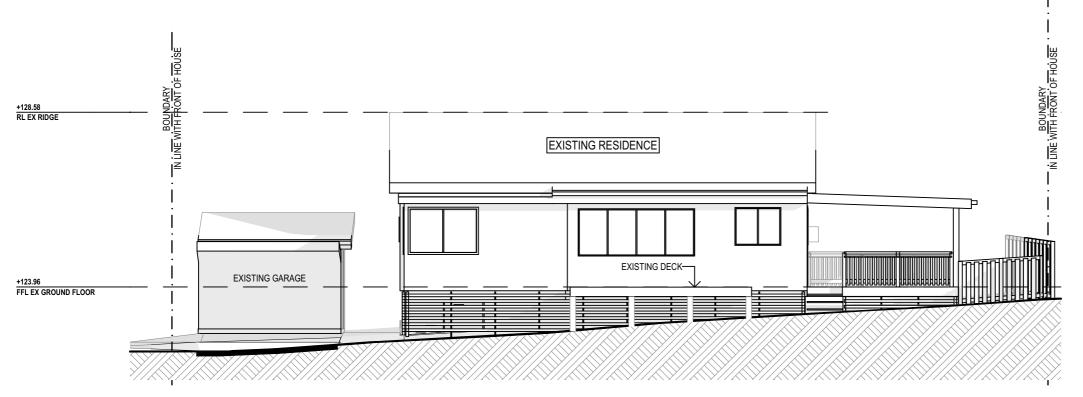
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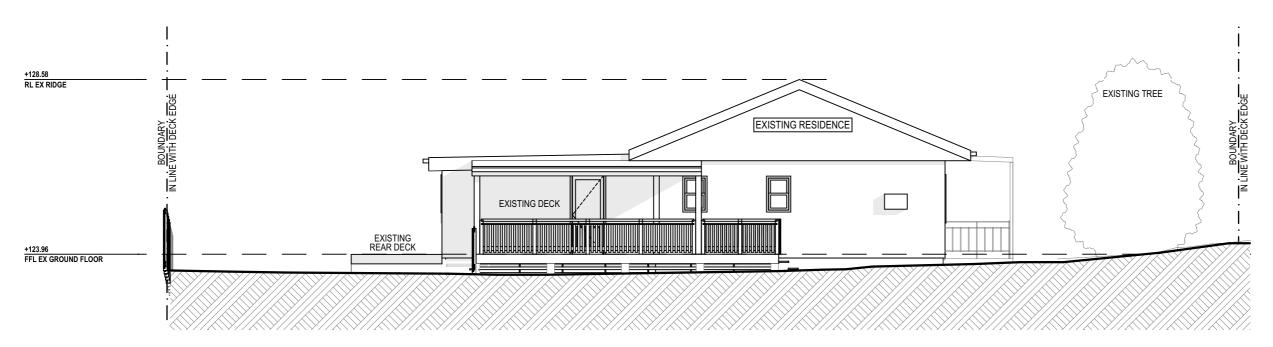
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PROPOSED ALTERATIONS AND ADDITIONS 15 PENROSE PLACE FRENCHS FOREST NSW 2086	С
CLIENT: STEVE KHATCHADOURIAN	
DRAWING TITLE: EXISTING ELEVATIONS SHEET 1	

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914/21	JJ	DA.04



EXISTING NORTH ELEVATION



EXISTING WEST ELEVATION

- NOTES (E & OE)

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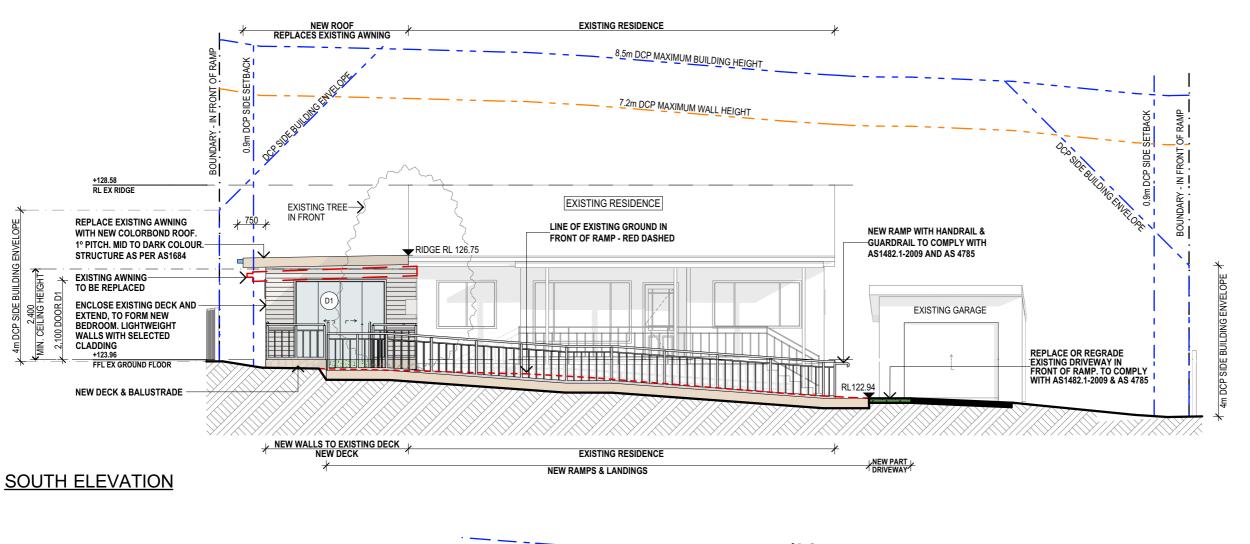
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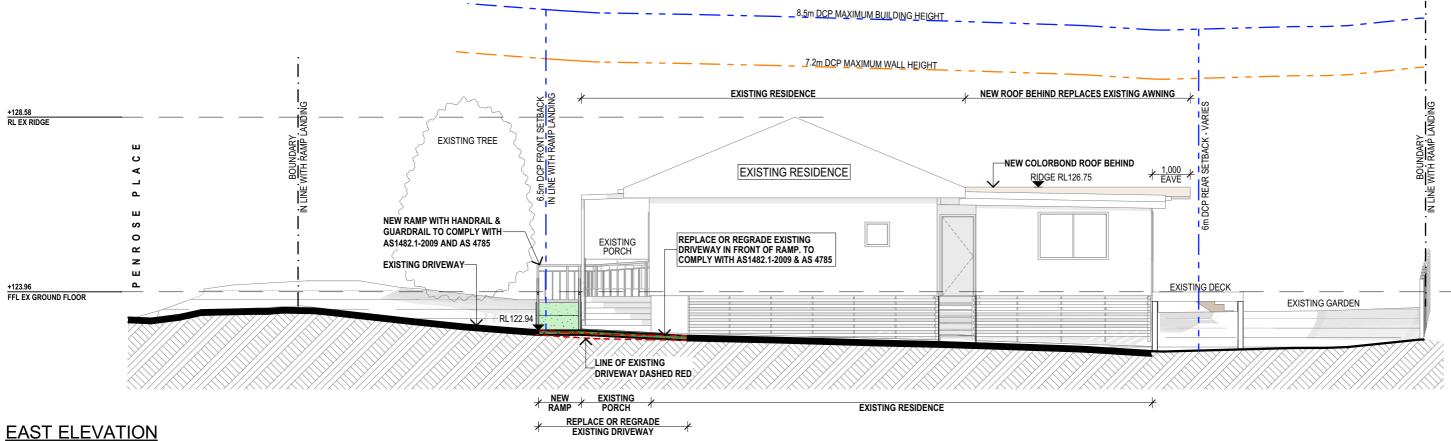
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CLIENT: STEVE KHATCHADOURIAN	
DRAWING TITLE: EXISTING ELEVATIONS SHEET 2	

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914/21	JJ	DA 05





NOTES (E & OE)

by a practicing engineer.

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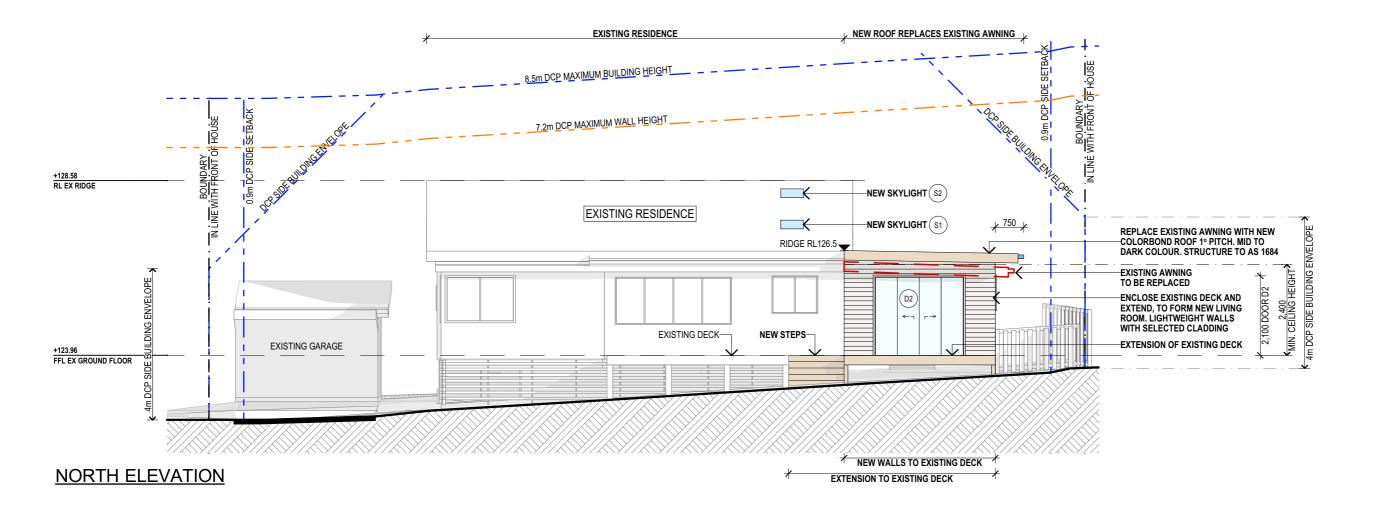
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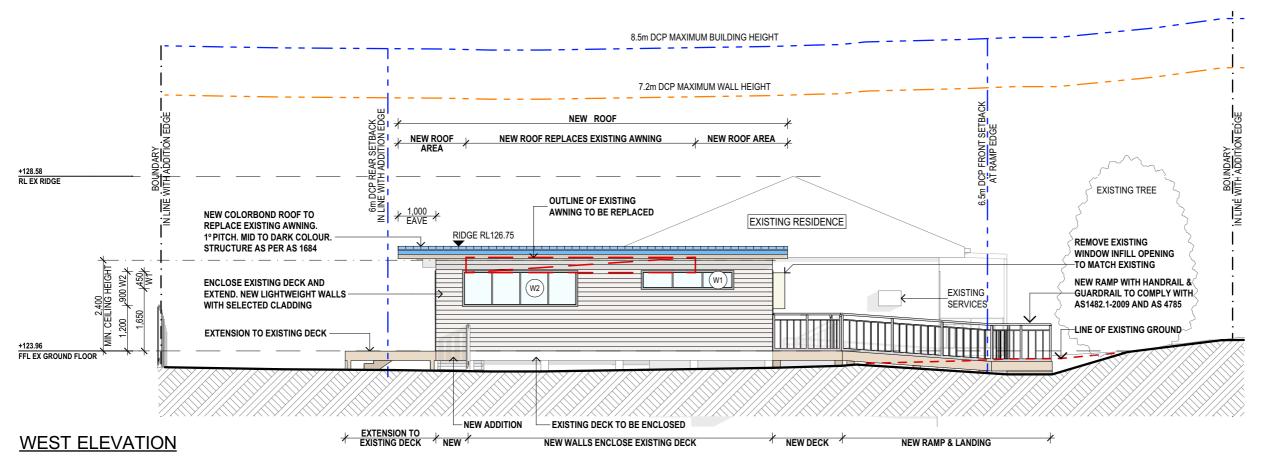
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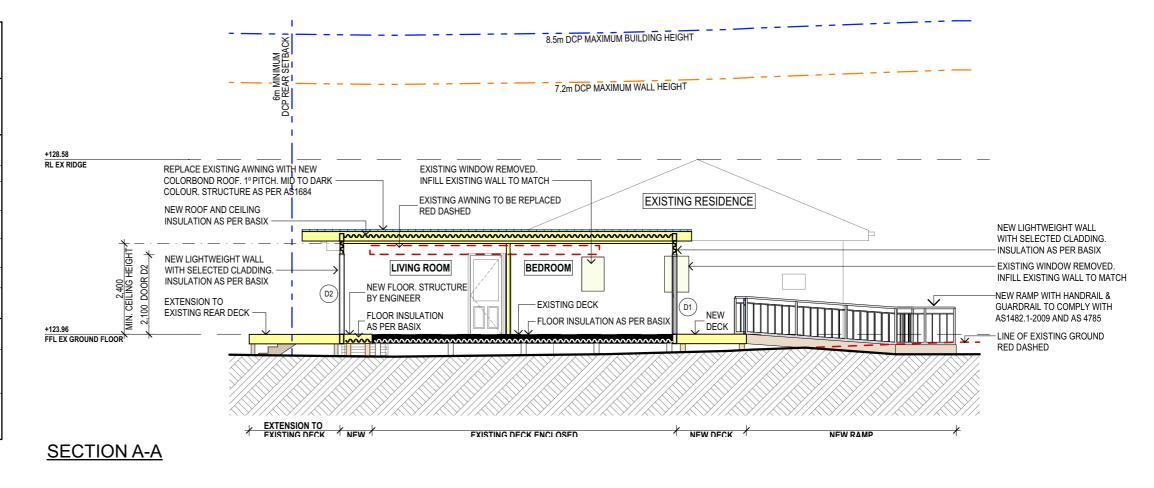
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PROPOSED ALTERATIONS AND ADDITIONS 15 PENROSE PLACE FRENCHS FOREST NSW 2086 CLIENT:	DATE: JUNE 2021	DRAWN BY:	SCALE: 1:100 @ A3	
1	STEVE KHATCHADOURIAN	JOB No:	CHECKED BY:	DRAWING No:
	DRAWING TITLE: ELEVATIONS SHEET 2	914/21	JJ	DA.07

BASIX REQUIREMENTS: INCLUSIONS FOR 15 PENROSE PLACE FRENCHS FOREST NSW 2086 LIGHTING REQUIREMENTS 40% OF NEW OR ALTERED LIGHT FIXTURES TO BE FITTED WITH FLUORESCENT, COMPACT FLUORESCENT, OR LIGHT-EMITTING-DIODE (LED) LAMPS INSULATION REQUIREMENTS CONSTRUCTION ADDITIONAL INSULATION REQUIREMENT (R-VALUE) / OTHER SUSPENDED FLOOR WITH OPEN R 1.50 (DOWN) (INCLUDING CONSTRUCTION) SUBFLOOR: OTHER / UNDECIDED SUSPENDED FLOOR WITH ENCLOSED R 1.30 (DOWN) (INCLUDING CONSTRUCTION) SUBFLOOR: OTHER / UNDECIDED EXTERNAL WALL: FRAMED R 1.30 (OR R 1.70 INCLUDING CONSTRUCTION) (WEATHERBOARD, FIBRO, METAL CLAD) EXTERNAL WALL: OTHER / UNDECIDED R 1.70 INCLUDING CONSTRUCTION FLAT CEILING, FLAT ROOF: FRAMED CEILING: R2.08 (UP), ROOF: FOIL BACKED BLANKET (55 mm) MEDIUM (SOLAR ABSORPTANCE 0.475 - 0.70) **GLAZING REQUIREMENTS GLAZING DOORS / WINDOWS** - STANDARD ALUMINIUM, SINGLE CLEAR, (or U-value: 7.63, SHGC: 0.75) WINDOWS - W1 AND W2; DOORS - D1 AND D2 **GLAZING SKYLIGHTS** - TIMBER, LOW-E INTERNAL, / ARGON FILL / CLEAR EXTERNAL (U-value: 2.5, SHGC: 0.456) SKYLIGHTS - S1 AND S2



SPECIFICATION NOTES

PROVIDE PLASTERBOARD LINING

INSTALL TO MANUFACTURERS SPECIFICATIONS & AS 2589

BRICK VENEER WALLS WITH SELECTED BRICKS TO DWELLING.

- LIGHTWEIGHT TIMBER CLADDING OR SIMILAR TO SINGLE GARAGE/GYM.

- GROUND FLOOR TO BE TIMBER FRAMED FINISHED WITH BOARD OR T&G HARDWOOD FLOORING.

- SHALL BE INSTALLED TO COMPLY WITH AS1684 AS AMENDED FOR TIMBER COMPONENTS OR AS3620 FOR LIGHTWEIGHT STEEL FRAMING SECTIONS OR AS PER THE NASH ALTERNATIVES TO AS 3623.

- SHALL BE INSTALLED IN ACCORDANCE WITH AS3660.

PROFILED STEEL ROOF:

- DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH AS/NZS 1562

- COLORBOND ROOF CLADDING

- SHALL BE IN ACCORDANCE WITH NCC VOL.1 PART B1.4 OR VOL.2 PART 3.2.3.

- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT EDITIONS OF THE

FOOTINGS:

FOOTINGS TO BE IN ACCORDANCE WITH AS1480.

- FOOTINGS TO BE IN ACCORDANCE WITH NCC VOL.2 PARTS 3.2.3, 3.2.4 AND 3.2.5 - ALL REINFORCEMENTS SHALL CONFORM TO AS1302, AS1303 AND AS1304.

BRICK AND BLOCKWORK:
- CONSTRUCTION OF MASONRY BUILDINGS SHALL BE AS PER AS3700 OR AS4773.

TIMBER TO COMPLY WITH AS1170.2 OR AS4055

- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS1684 AND 1720 AS APPLICABLE.

TIMBER FRAMING:

- TO COMPLY WITH NCC VOL.2 PART 3.4 - GROUND FLOOR TIMBERS SHALL BE ONLY OF HARDWOOD, CYPRESS PINE OR PRESSURE TREATED RADIATA OR CANADA PINE BELOW A HEIGHT OF 300mm ABOVE FINISHED GROUND LEVEL AND MUST NOT BE BLIILT INTO BRICKWORK

- SUBFLOOR VENTILATION SHALL CONFORM TO NCC VOL.2 PART 3.4.1. IN BUSHFIRE PRONE AREAS SPECIAL CONDITIONS APPLY
- WHERE TERMITE BARRIERS NEED TO BE INSPECTED, 400mm CLEARANCE IS REQUIRED BETWEEN THE UNDERSIDE OF BEARER AND GROUND SURFACE.
- USE TREATED TIMBER WHERE REQUIRED FOR DURABILITY
- DO NOT USE TIMBER UNSUITABLE FOR EXPOSURE TO MOISTURE IN EXPOSED LOCATION.
 PROVIDE STRUCTURE BRACING IN ACCORDANCE WITH AS1684
- PROVIDE STRUCTURE TIEDOWN IN ACCORDANCE WITH AS1684
- USE GALVANISED FIXINGS WHERE EXPOSED TO WEATHER

TERMITE CONTROL:

- TO BE IN ACCORDANCE WITH TO AS3660.1
- SHALL BE IN ACCORDANCE WITH NCC VOL.2 PART 3.1.3 OR VOL.1 PART B1.4.

- SELECTION AND INSTALLATION OF METAL RAINWATER GOODS REFER TO AS2180

- FLASH PROJECTIONS ABOVE THE ROOF WITH TWO PART FLASHINGS CONSISTING OF AN APRON FLASHING AND OVER FLASHING, WITH AT LEAST $100\,\mathrm{mm}$ OVERLAP.

PROVIDE FOR INDEPENDENT MOVEMENT BETWEEN ROOF AND PROJECTION

CONCRETE BLOCKS OR BRICKS:

TO COMPLY WITH TO AS4455 MASONRY BUILDING BLOCKS/PAVER.

- 40% OF NEW OR ALTERED LIGHT FIXTURES TO BE FITTED WITH FLUORESCENT, COMPACT FLUORESCENT, OR LIGHT-EMITTING-DIODE (LED) LAMPS

- ALL FRAMED WINDOWS SHALL BE INSTALLED IN ACCORDANCE WITH AS2047-48 FOR ALUMINIUM WINDOWS AND AS2047 FOR TIMBER WINDOWS.

- ALUMINIUM FRAMED WINDOWS AND DOORS

WEATHER STRIPPING IS TO BE PROVIDED TO ALL EXTERNAL WINDOWS AND DOORS.

STAIRS, HANDRAILS AND BALUSTRADES:

- NCC VOL.2 PARTS 3.9.1 AND 3.9.2

RELATIONSHIP OF RISER TO GOING SHALL BE BETWEEN 1:2 AND 1:1.35 UNLESS OTHERWISE DIRECTED TO GOING SHALL BE BETWEEN 1:2 AND 1:1.35 UNLESS OTHERWISE DIRECTED OR AS PERMITTED IN

- BALUSTRADES SHALL BE PROVIDED TO ALL LANDINGS, RAMPS, DECKS, ROOFS AND OTHER ELEVATED PLATFORMS WHERE THE VERTICAL DISTANCE FROM THAT LEVEL IS MORE THAN 1m ABOVE THE

ADJOINING FLOOR OR FINISHED GROUND LEVEL.
- THE HEIGHT OF BALUSTRADE MUST BE A MINIMUM OF 1m HIGH ABOVE LANDING AND NOT LESS THAN 865mm ABOVE THE NOSINGS OF ANY STAIR TREADS OR FLOOR RAMP AND HAVE NO OPENING GREATER

- THE HEIGHT OF BALUSTRADE TO THE NEW STAIRCASES IS TO BE MEASURED A MINIMUM 865mm ABOVE THE NOSING LINE AND HAVE NO OPENING GREATER NO OPENING GREATER THAN 125mm

SLIP RESISTANCE:

- MATERIALS TO BE USED FOR SURFACES OF FLOORS. STAIR LANDING, STEPS AND NOSINGS SHALL BE IN ACCORDANCE WITH THE CLASSIFICATIONS FOR SLIP RESISTANCE AS APPLY IN AS4586 AND HB198.

EAVES GUTTERS, VALLEY GUTTERS AND DOWPIPES

- TO COMPLY WITH AS/NZS 2179 FOR METAL AND AS1273 FOR UPVC COMPONENTS.
- NEW DOWNPIPES TO BE CONNECTED INTO EXISTING STORMWATER LINE
- COLORBOND GUTTERS AND DOWNPIPES
- MINIMUM SLOPE OF EAVES AND GUTTERS 1:200

GLAZING: - NCC VOL.1 PARTS B 1.4, D 3.12, F1.13 OR NCC VOL.2 PART 3.6

SMOKE DETECTORS/ALARMS:

- NCC VOL 2 PART 3.7.2, FIRE/SMOKE DETECTORS COMPLYING WITH THE REQUIREMENTS OF THE LOCAL GOVERNMENT ACT AND/OR STATE OR TERRITORY REGULATIONS MUST BE FITTED IN THE LOCATIONS REQUIRED AND APPROVED BY THE AUTHORITY AND SHALL BE INSTALLED IN ACCORDANCE WITH AS3786 - INSTALLATIONS IN BUILDINGS OTHER THAN CLASS 1 AND 10 MUST BE INSTALLED AND MANAGED TO COMPLY WITH NCC SPEC. E2.2a.
- MULTIPLE ALARMS WITHIN HOUSES AND SOLE OCCUPANCY UNITS MUST BE HARD WIRED AND

INTERCONNECTED

WASTE MANAGEMENT:

- ALL WASTE SHALL BE TAKEN AWAY BY TRUCKS TO A SUITABLE LANDFILL OR RECYCLE DEPOT. ALL WASTE SHALL BE COVERED DURING TRANSPORTATION.
- WASTE GENERATED DURING CONSTRUCTION SHALL BE PLACED IN STEEL BINS AND TAKEN AWAY BY AN APPROVED CONTRACTOR TO A APPROVED LANDFILL SITE.

SEDIMENT CONTROL:

- A FILTER CLOTH SYSTEM SHALL BE INSTALLED TO STOP ANY SEDIMENT ENTERING COUNCILS

ACCESSIBLE RAMPS, LANDINGS & ASSOCIATED HANDRAILS, BALUSTRADES & GUARDRAILS:

- TO BE BUILT IN ACCORDANCE WITH AS 1428.1 - 2009 AND AS 4795

- ALL GRADIENTS AND DIMENSIONS TO BE CHECKED ON SITE PRIOR TO PRODUCTION OF SHOP DRAWINGS, MANUFACTURE AND INSTALLATION.

ALL PLANS ARE TO BE READ IN CONJUNCTION AND COMPLY WITH THE BASIX CERTIFICATE AND **BUSHFIRE REPORT**

NOTES	/F &	OF)

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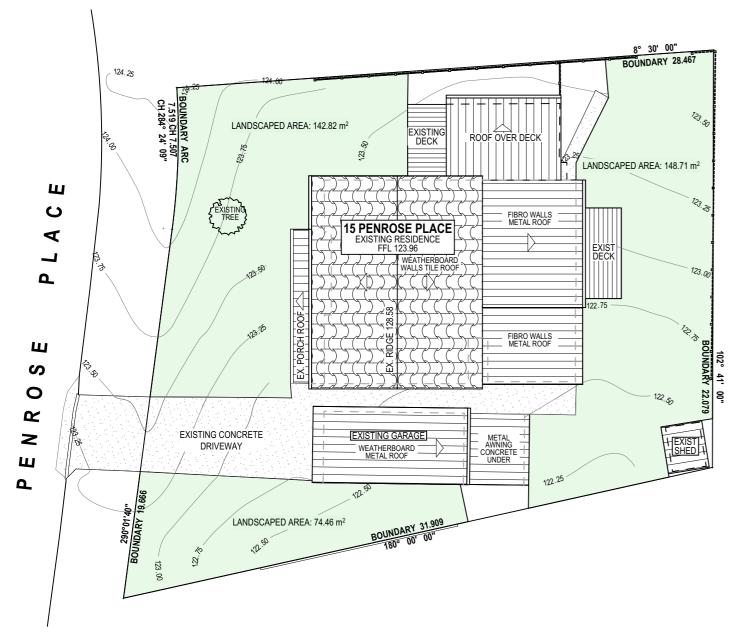
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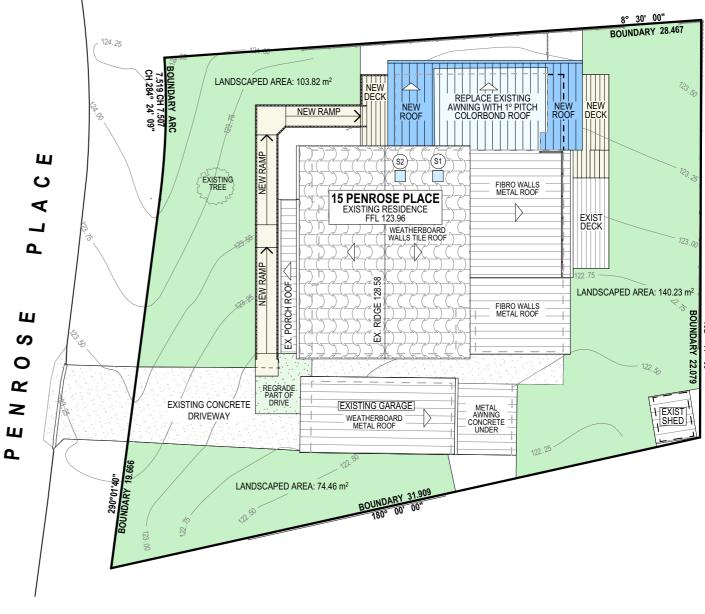
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PROPOSED ALTERATIONS AND ADDITIONS
15 PENROSE PLACE FRENCHS FOREST NSW 2086
CLIENT: STEVE KHATCHADOURIAN
DRAWING TITLE: SECTION / BASIX

DATE:	DRAWN BY:	SCALE:
JUNE 2021	MS	1:100 @ A3
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914/21	JJ	DA.08





EXISTING LANDSCAPED AREA CALCULATION PLAN

PROPOSED LANDSCAPED AREA CALCULATION PLAN

<u>CALCULATIONS</u>				
SITE AREA			716.05 m ²	
DCP MINIMUM LANDSCAPED AREA <2m WIDE		40%	286.42 m ²	
EXISTING LANDSCAPED AREA			365.99 m²	
PROPOSED LANDSCAPED AREA		44.48%	318.51 m²	

TOTAL EXISTING LANDSCAPED AREA	m²
EXISTING LANDSCAPED AREA	74.46
EXISTING LANDSCAPED AREA	142.82
EXISTING LANDSCAPED AREA	148.71
TOTAL	365.99 m²

TOTAL PROPOSED LANDSCAPED AREA	m²
PROPOSED LANDSCAPED AREA	74.46
PROPOSED LANDSCAPED AREA	103.82
PROPOSED LANDSCAPED AREA	140.23
TOTAL	318.51 m²

TRUE NORTH:



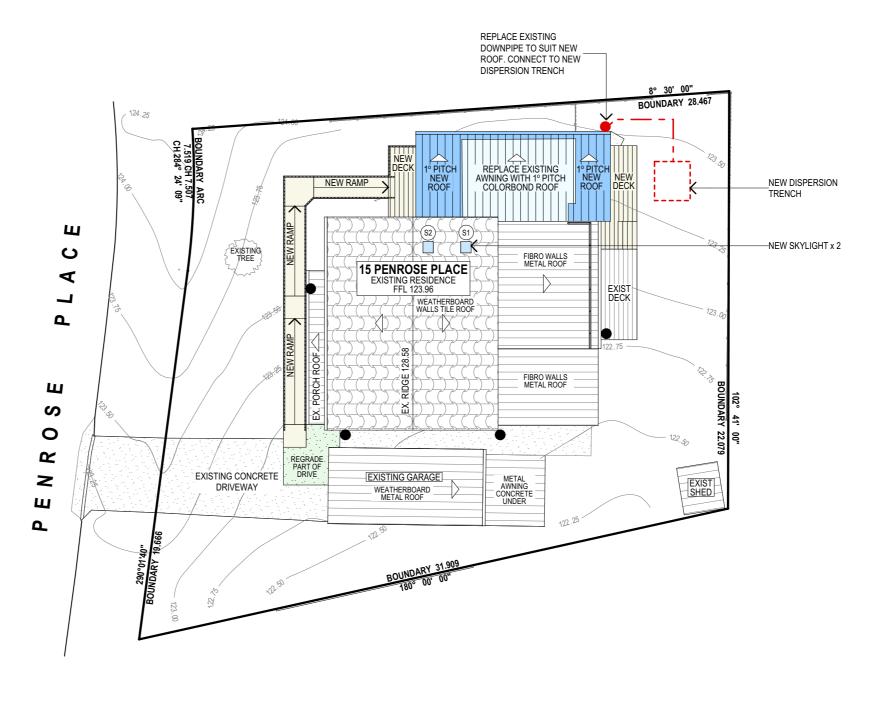
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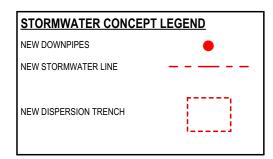
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STEVE KHATCHADOURIAN	JOB No:	CHECKED BY:	DRAWING No:
DRAWING TITLE: LANDSCAPED AREA CALCULATION PLAN	914/21	JJ	DA.09



ROOF AND STORMWATER PLAN



TRUE NORTH:

- NOTES (E & OE)

 All structures including stormwater & drainage to engineer's details.

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- Specifications.
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PROPOSED ALTERATIONS AND ADDITIONS 15 PENROSE PLACE FRENCHS FOREST NSW 2086	DATE: JUNE 2021	DRAWN BY:
CLIENT:	JUNE 2021	IVIS
STEVE KHATCHADOURIAN	JOB No:	CHECKED BY:
DRAWING TITLE: ROOF & STORMWATER CONCEPT PLAN	914/21	JJ

SCALE:

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DRAWING No:

NOTES

DESIGNATED SITE MANAGER/BUILDER

PRIOR TO COMMENCEMENT OF WORK A SITE MANAGER OR BUILDER MUST BE NOMINATED. THE SITE MANAGER OR BUILDER WILL BE RESPONSIBLE AND LIABLE FOR ALL WORKS CARRIED OUT ON THE SITE. THIS ASSUMES THE RESPONSIBILITY FOR THE ACTIONS OF ALL SUBCONTRACTED PARTIES AS WELL AS ADVISING THEM OF COUNCIL'S REQUIREMENTS WHEN CARRYING OUT

TOPSOIL MANAGEMENT

PRIOR TO THE STRIPPING OF TOPSOIL, THE VEGETATIVE COVER MUST BE REDUCED BY EITHER SLASHING OR MOWING. ALL TOPSOIL IS TO BE RETAINED AND PROTECTED FOR REUSE ON SITE. SOIL STOCKPILES MUST NOT BE LOCATED ON NATURE STRIPS, FOOTPATHS, ROADWAYS, KERBS, ACCESSWAYS, WITHIN DRAINAGE LINES/FLOWS/PATHS OR AROUND OR AGAINST TREE SHRUBS. SEDIMENT CONTROL MEASURES MUST BE INCORPORATED WITH ANY RESULTING STOCKPILE. THE STOCKPILE CAN BE PROTECTED FROM EROSION BY COVERING IT WITH AN MPERVIOUS MATERIAL, IN CONJUNCTION WITH THE INSTALLATION OF A SEDIMENT FENCE AROUND IT. IF STOCKPILES ARE TO REMAIN FOR MORE THAN ONE MONTH THEY ARE TO BE GRASSED IMMEDIATELY AND STABILISED WITHIN FOURTEEN DAYS. SURPLUS TOPSOIL MUST BE REASONABLY REMOVED FROM SITE.

BUILDING MATERIAL STOCKPILING

SUFFICIENT AREA MUST BE ALLOCATED WITHIN THE SITE FOR SUCH STORAGE OF BUILDING MATERIALS, DEMOLITION WASTE, WASTE CONTAINERS, ETC. AS WILL BE REQUIRED.

A SEDIMENT FENCE SHOULD BE LOCATED ALONG THE DOWNSLOPE BOUNDARY(S) OF THE SITE ON THE CONSTRUCTION SIDE OF THE TURF FILTER STRIP OR NATIVE VEGETATION, AND AROUND ALL STOCKPILES OF MATERIAL ON THE SITE.

ALL TRUCKS/UTES MUST COVER THEIR LOADS AT ALL TIMES. APPROPRIATE METHODS ARE TO BE EMPLOYED TO PREVENT BLOWING DUST CREATING AN UNACCEPTABLE HAZARD OR NUISANCE ON THE SITE OR DOWN WIND. PRODUCTION OF DUST CAN BE MINIMISED BY LIMITING AREA OF EARTHWORKS, WATERING AND PROGRESSIVE VEGETATION. WHERE DUST IS CREATED AS A RESULT WORKS AND/OR SOIL EXPOSURE, THE BARE SOIL AREAS MUST BE WATERED, DURING AND/OR AT THE END OF EACH DAY TO LAY THE DUST. EARTH MOVING ACTIVITIES SHOULD BE AVOIDED WHERE WINDS ARE SUFFICIENTLY STRONG ENOUGH TO RAISE VISIBLE

EROSION & SEDIMENT CONTROLS

APPROPRIATE EROSION AND SEDIMENT CONTROLS MUST BE IMPLEMENTED ON ALL SITES THAT INVOLVE SOIL DISTURBANCE. THE MEASURES MUST BE IN PLACE PRIOR TO THE COMMENCEMENT OF WORK. THOSE CONTROLS ARE TO BE MONITORED AND MAINTAINED IN ORDER TO SERVE THEIR INTENDED FUNCTION FOR THE DURATION OF THE WORKS OR UNTIL SUCH TIME AS THE SITE IS FULLY STABILISED. IF ANY CONTROLS ARE DAMAGED OR BECOME INEFFECTIVE DURING THE COURSE OF THE WORKS THEY ARE TO BE REINSTATED OR REPLACED IMMEDIATELY. SUFFICIENT ACCESS TO THESE CONTROLS MUST BE PROVIDED IN CASE OF THE

SEDIMENT TRAPS

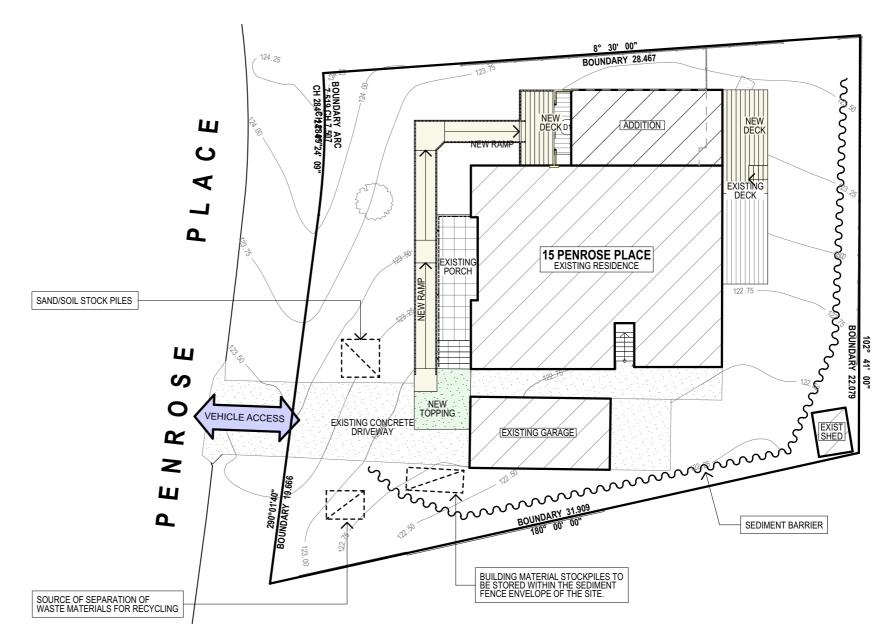
WHERE A SEDIMENT FENCE IS NOT USED APPROPRIATE SEDIMENT TRAPS SHOULD BE LOCATED AT ALL POINTS WHERE STORMWATER LEAVES THE CONSTRUCTION SITE OR LEAVES THE GUTTER AND ENTERS THE DRAINAGE SYSTEM. A COMMON TECHNIQUE IS THE GRAVEL SAUSAGE.

DIVERSION CHANNELS

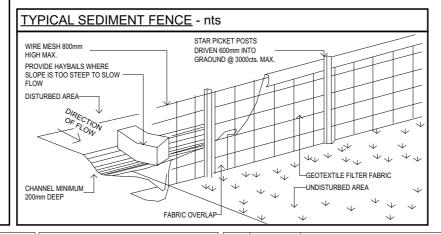
A DIVERSION CHANNEL IS AN EXCAVATED EARTH DITCH OR PATH. THESE STRUCTURES ARE USED TO INTERCEPT AND DIRECT RUN-OFF TO A DESIRED LOCATION WHERE POSSIBLE. ALL STORMWATER RUN-OFF FLOWING ONTO DISTURBED AREAS, INCLUDING STOCKPILES, MUST BE INTERCEPTED, DIVERTED AND/OR SAFELY DISPOSED OF. THIS CAN BE ACHIEVED BY CONSTRUCTING A TEMPORARY EARTH BANK AROUND THE UPSLOPE EXTENT OF THE CONSTRUCTION SITE WHERE THE DIVERSION DOES NOT AFFECT THE NEIGHBOURING

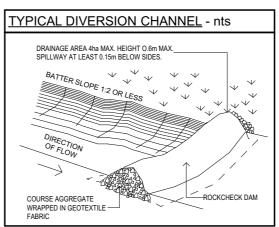
VEHICLE MOVEMENTS

TO LIMIT DISTURBANCE TO THE SITE AND TRACKING OF MATERIAL ONTO THE STREET ALL VEHICLES AND PLANT EQUIPMENT ARE TO USE A SINGLE ENTRY/EXIT POINT UNLESS COUNCIL HAS APPROVED ALTERNATIVE ARRANGEMENTS. ACCESS POINTS AND PARKING AREAS ARE TO BE STABILISED WITH COMPACTED SUB-GRADE ASAP AFTER THEIR FORMATION. IF SPILLAGE DOES OCCUR IT IS TO BE CONTAINED IMMEDIATELY AND CAREFULLY REMOVED. THE AREA AFFECTED IS TO BE RESTORED TO A STANDARD EQUAL TO OR BETTER THAN ITS PREVIOUS CONDITION. ALL VEHICLES ARE TO BE WASHED PRIOR TO EXISTING THE SITE. THIS SERVES THE PURPOSE OF REMOVING SITE MATERIAL ON THE VEHICLE AND PREVENTS IT FROM BEING DEPOSITED ON THE ROAD NETWORK ADJACENT TO THE SITE AND THUS, THE STORMWATER SYSTEM. NO VEHICLE ASSOCIATED WITH THE WORK IS TO BE PARKED ON A FOOTPATH OR PUBLIC RESERVE. ALL VEHICLES VISITING THE SITE DURING DEMOLITION, EXCAVATION AND/OR CONSTRUCTION WORKS, ARE TO COMPLY WITH THE PARKING REQUIREMENTS IN THAT AREA.



EROSION & SEDIMENT CONTROL PLAN





PLAN

TRUE NORTH:



NOTES (E & OE)

All structures including stormwater & drainage to engineer's details
Do not obtain dimensions by scaling drawings.
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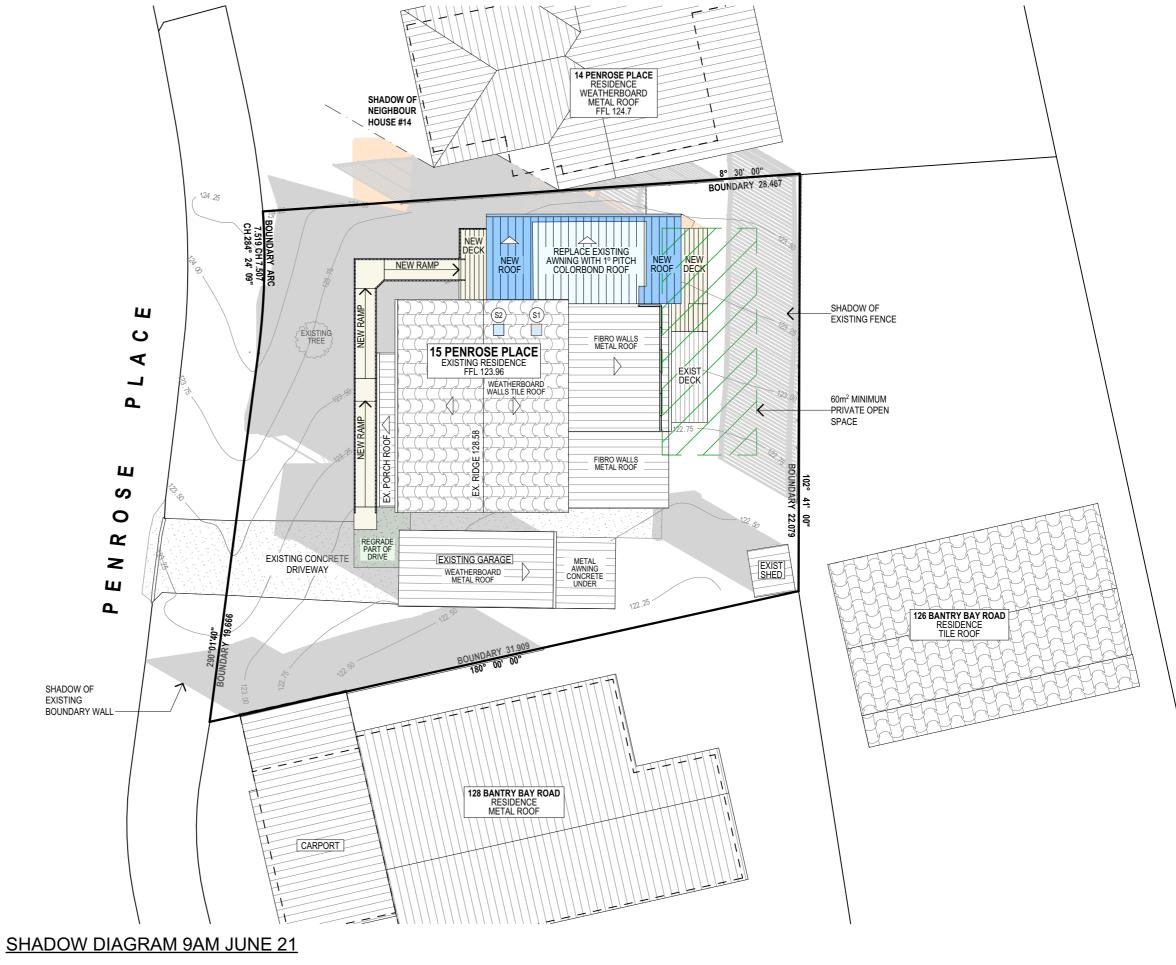
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JJ Drafting	Α	01/07/202
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1	STEVE KHATCHADOURIAN	JOB No:	CHECKED BY:	DRAWING No:
ı	DRAWING TITLE: EROSION & SEDIMENT CONTROL / WASTE MANAGEMENT	914/21	JJ	DA.11



21 JUNE SHADOW DIAGRAM LEGEND EXISTING SHADOWS

TRUE NORTH:

NEW SHADOWS

- NOTES (E & OE)

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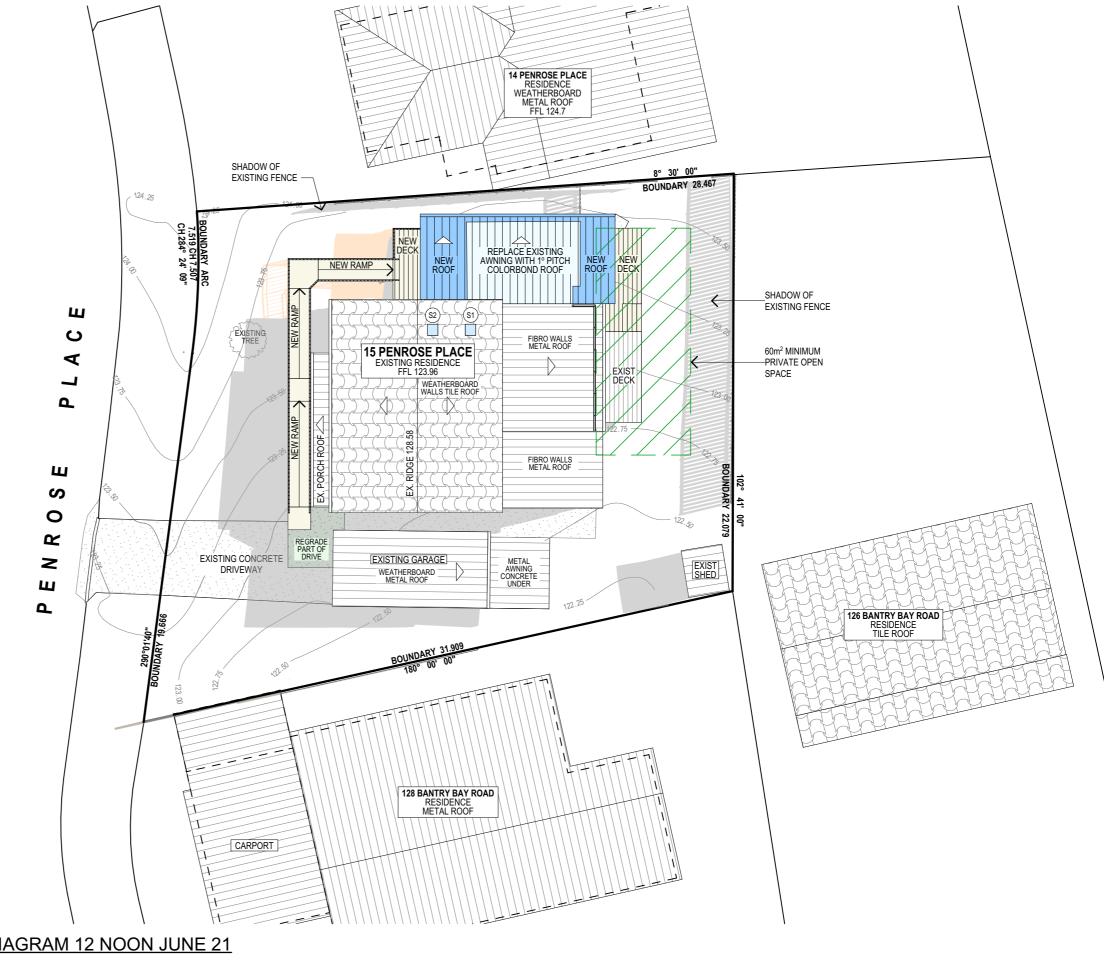
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- by a practicing engineer.
- specifications.

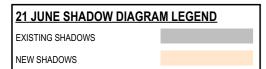
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PROPOSED ALTERATIONS AND ADDITIONS 15 PENROSE PLACE FRENCHS FOREST NSW 2086
CLIENT: STEVE KHATCHADOURIAN
DRAWING TITLE: SHADOW DIAGRAM JUNE 21 9:00 am

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SHADOW DIAGRAM 12 NOON JUNE 21

TRUE NORTH:



- NOTES (E & OE)

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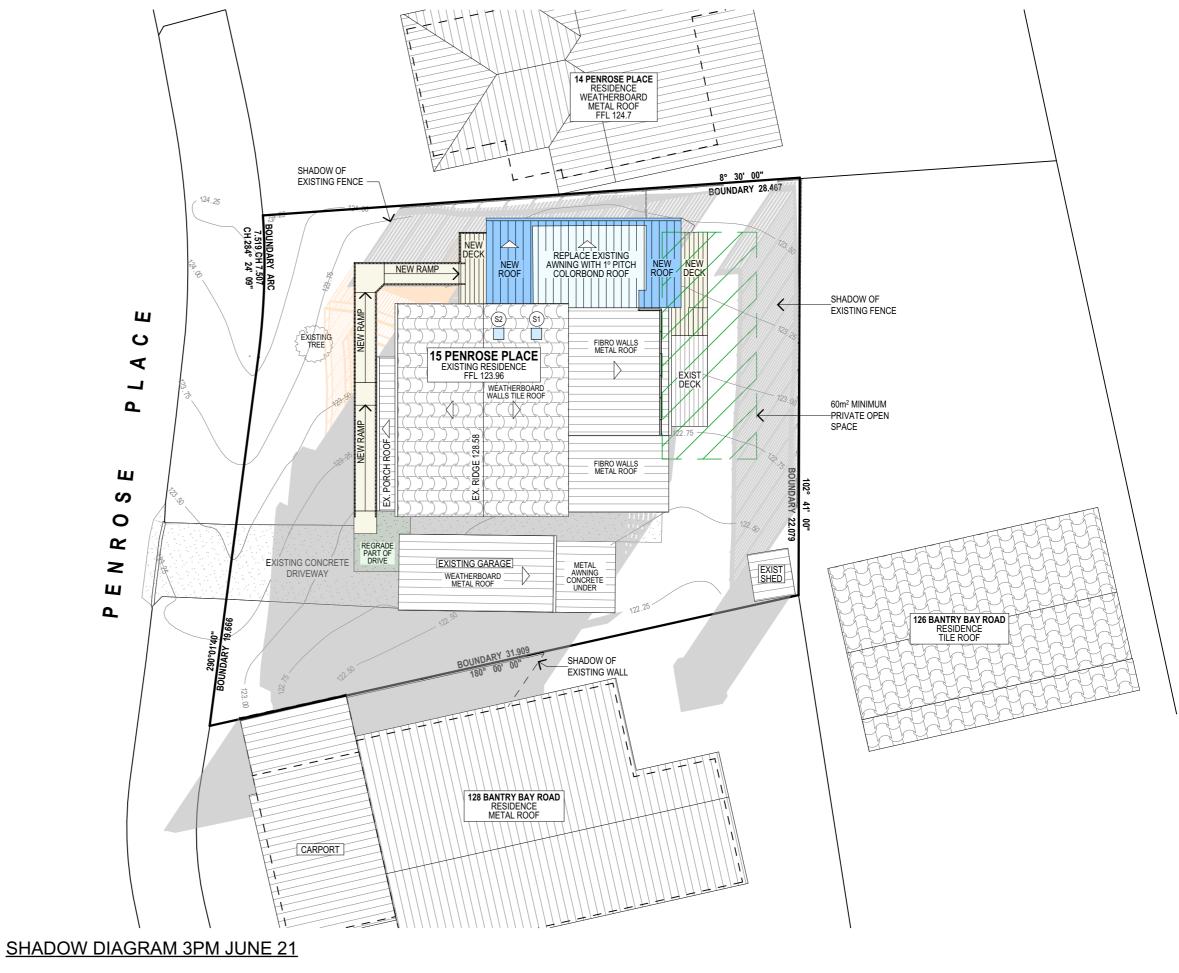
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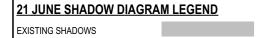
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NEW SHADOWS

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