

ISSUE FOR DA APPROVAL

272 WHALE BEACH ROAD WHALE BEACH, NSW

DRAWING SCHEDULE

SHEET NO.	DRAWING NAME	SHEET NO.	DRAWING NAME
A000	Title Sheet	A302	Eastern Elevation: Proposed
A100	Erosion and Sediment Control Plan	A303	Northern Elevation: Proposed
A101	Site Analysis Plan	A400	Longitudinal Section: Proposed
A200	Ground Floor: Demolition Plan	A401	Cross Sections: Proposed
A201	Basement: Proposed Plan	A501	Overshadowing: 9am Winter Solstice
A202	Lower Ground Floor: Proposed Plan	A502	Overshadowing: 9am Winter Solstice
A203	Ground Floor: Proposed Plan	A503	Overshadowing: 12pm Winter Solstice
A204	First Floor: Proposed Plan	A504	Overshadowing: 12pm Winter Solstice
A205	Second Floor: Proposed Plan	A505	Overshadowing: 3pm Winter Solstice
A206	Roof: Proposed Plan	A506	Overshadowing: 3pm Winter Solstice
A207	Basement: Area Calculation	A507	Overshadowing: 9am Equinox
A208	Lower Ground Floor: Area Calculation	A508	Overshadowing: 9am Equinox
A209	Ground Floor: Area Calculation	A509	Overshadowing: 12pm Equinox
A210	First Floor: Area Calculation	A510	Overshadowing: 12pm Equinox
A211	Second Floor: Area Calculation	A511	Overshadowing: 3pm Equinox
A300	Southern Elevation: Proposed	A512	Overshadowing: 3pm Equinox
A301	Western Elevation: Proposed		

BASIX NOTES

THE APPLICANT MUST INSTALL SHOWER HEADS THROUGHOUT WITH A MINIMUM 4 STAR WATER RATING

THE APPLICANT MUST INSTALL TOILETS THROUGHOUT WITH A MINIMUM 4 STAR WATER RATING

THE APPLICANT MUST INSTALL TAPS THROUGHOUT WITH A MINIMUM 5 STAR WATER RATING

THE APPLICANT MUST INSTALL BASIN TAPS THROUGHOUT WITH A MINIMUM 5 STAR WATER RATING

THE APPLICANT MUST INSTALL A RAIN WATER TANK OF AT LEAST 3,000L, WHICH MUST BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE REGULATORY AUTHORITIES TO COLLECT RAIN RUNOFF FROM AT LEAST 265 M2 OF THE ROOF AREA OF THE DEVELOPMENT & CONNECTED TO ALL TOILETS & 1 OUTDOOR TAP

THE APPLICANT MUST INSTALL A GAS INSTANTANEOUS HOT WATER UNIT WITH A MINIMUM 6 STAR RATING

THE APPLICANT MUST INSTALL A COOLING SYSTEM IN AT LEAST 1 LIVING ROOM & BEDROOM WITH AN EER 3.5 - 4 RATING

THE APPLICANT MUST INSTALL A HEATING SYSTEM IN AT LEAST 1 LIVING ROOM & BEDROOM WITH AN EER 3.5 - 4 RATING

ALL HEATING & COOLING SYSTEMS MUST PROVIDE FOR DAY / NIGHT ZONING BETWEEN LIVING ROOMS & BEDROOMS

THE APPLICANT MUST INSTALL EXHAUST SYSTEMS TO THE KITCHEN, LAUNDRY & AT LEAST 1 BATHROOM WITH OPERATION CONTROL & A MANUAL ON/OFF SWITCH DUCTED TO THE FACADE OR ROOF

THE APPLICANT MUST ENSURE THAT THE PRIMARY TYPE OF ARTIFICIAL LIGHTING IS FLUORESCENT OR LED LIGHTING

THE APPLICANT MUST INSTALL A WINDOW &/OR SKYLIGHT IN THE KITCHEN FOR NATURAL LIGHTING

THE APPLICANT MUST INSTALL A WINDOW &/OR SKYLIGHT IN 4 BATHROOMS FOR NATURAL LIGHTING

THE APPLICANT MUST INSTALL A GAS COOKTOP & ELECTRIC OVEN IN THE KITCHEN

THE APPLICANT MUST CONSTRUCT EACH FRIDGE SPACE IN THE DEVELOPMENT SO THAT IS WELL VENTILATED

THE APPLICANT MUST INSTALL A FIXED OUTDOOR CLOTHES DRYING LINE AS PART OF THE DEVELOPMENT

EXTERNAL WALL: OFF FORMED CONCRETE - REQUIRES ADDITIONAL INSULATION R2.75 (60MM KOOLTHERM K10 INSULATION)

INTERNAL WALL: THROUGHOUT - REQUIRES ADDITIONAL INSULATION R2.5

FLOOR: SUSPENDED CONCRETE SLAB / CONCRETE SLAB ON GROUND - REQUIRES ADDITIONAL INSULATION R2.75 (60MM KOOLTHERM K10 INSULATION) + R1.0 TO EDGE OF SUSPENDED CONCRETE SLABS

GLAZING GENERALLY TO HAVE COMBINED FRAME & GLASS VALUES OF U-VALUE: 2.23, SHGC: 0.39

EASTERN & WESTERN WINDOWS TO HABITABLE ROOMS MUST HAVE ADJUSTABLE EXTERNAL SHADING DEVICES INSTALLED





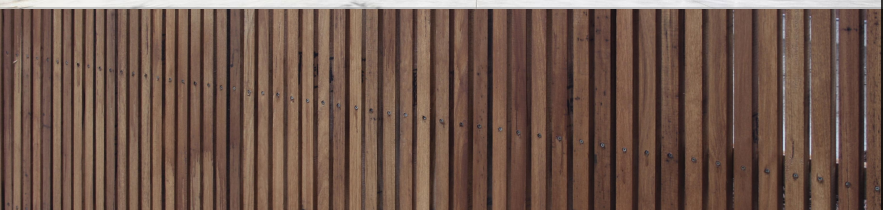
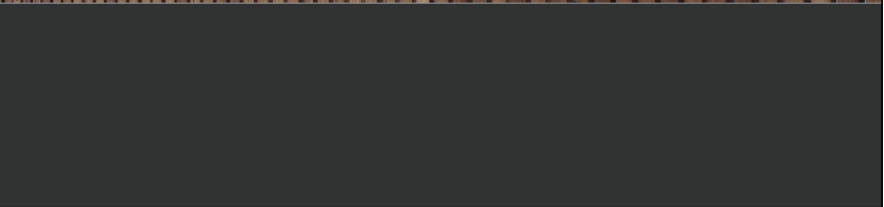
SKYLIGHTS THROUGHOUT MUST HAVE ADJUSTABLE EXTERNAL SHADING DEVICES INSTALLED

2 X 1200MM CEILING FANS MUST BE INSTALLED TO THE KITCHEN / LIVING ROOM

CALCULATIONS

SITE AREA	708 M2
PROPOSED AREAS	
BASEMENT / GARAGE	20 M2 / 50 M2
LOWER GROUND FLOOR	47 M2
GROUND FLOOR	112 M2
FIRST FLOOR	89 M2
SECOND FLOOR	48 M2
TOTAL AREA	366 M2
TOTAL AREA (EXCLUDING GARAGE)	316 M2
PITTWATER COUNCIL LOCAL ENVIRONMENT PLAN 2014	0.45:1
MAXIMUM F.S.R. (EXCLUDING GARAGE) = 0.5:1	
TOTAL LANDSCAPED AREA (INCLUDING GREEN ROOFS)	426 M2
PITTWATER COUNCIL LOCAL ENVIRONMENT PLAN 2014	60%
MINIMUM LANDSCAPED AREA = 60% OF TOTAL SITE AREA	

EXTERNAL FINISHES & MATERIALS SELECTION

AREA	FINISH	IMAGE
EXTERNAL MASONRY WALLS OFF-FORMED CONCRETE	OFF-FORMED CONCRETE COLOUR: NATURAL CONCRETE	
EXTERNAL LIGHT WEIGHT CLADDING TIMBER CLADDING: HARDWOOD	NATURAL HARDWOOD CLADDING COLOUR: NATURAL	
EXTERNAL MASONRY WALLS DRY STACKED STONE	SANDSTONE BLOCK, DRY STACKED COLOUR: NATURAL	
EXTERNAL DOORS & WINDOWS	ALUMINIUM FRAMED, PRE-FINSHED COLOUR: MONUMENT	
TIMBER SCREENING	TIMBER BATTENS CONCEAL FIXED TO POWDER-COATED STEEL FRAME BATTEN COLOUR: NATURAL FRAME COLOUR: MONUMENT	
FLASHING, GUTTERS & DOWNPIPES	ALUMINIUM, PRE-FINSHED COLOUR: MONUMENT	



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DATE
23.12.2022

PROJECT NO.
AO242

SCALE
NTS

CLIENT
JASON & TANYA

PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW

DRAWING ISSUE

ISSUE FOR PRE. CONCEPT
ISSUE FOR PRE. CONCEPT
ISSUE FOR CONCEPT
ISSUE FOR DA APPROVAL
ISSUE FOR DA APPROVAL
ISSUE FOR DA APPROVAL
ISSUE FOR DA APPROVAL

REVISION

A
B
C
D
E
F
G

DATE ISSUED

29.08.2022
19.09.2022
21.09.2022
04.11.2022
20.12.2022
22.12.2022
23.12.2022

DRAWING

COVER PAGE

Title Sheet

PROJECT

NEW BUILD

Whale Beach House

PROJECT STATUS
DA APPROVAL

DRAWING ID
A000

REVISION
G

SITE NOTES

EROSION & SEDIMENT CONTROL NOTES

SLOPING SITE FROM NORTH TO SOUTH

RESPREAD TOPSOIL & REVEGETATE ALL BARE AREAS

RETAIN TEMPORARY STRAW BALE & SILT FENCE DRAINAGE STRUCTURES UNTIL STORMWATER DRAINAGE & LANDSCAPING IS IN PLACE

DOWNSTREAM EROSION TO BE CHECKED & MAINTAINED PERIODICALLY DURING CONSTRUCTION

BUILDER TO ENSURE CONSTRUCTION & STABILISATION OF ALL CULVERTS & SURFACE DRAINAGE WORKS AT EARLIEST PRACTICAL STAGE

REMOVAL OR DISTURBANCE OF VEGETATION & TOP SOIL IS CONFINED TO WITHIN 3M OF THE APPROVED BUILDING AREA (NO TREES ARE TO BE REMOVED WITHOUT APPROVAL)

ALL UNCONTAMINATED RUN-OFF MUST BE DIVERTED AROUND CLEARED OR DISTURBED AREAS

THE INSTALLATION OF SILT FENCES OR OTHER DEVICES MUST PREVENT SEDIMENT & OTHER DEBRIS ESCAPING FROM THE CLEARED OR DISTURBED AREAS INTO DRAINAGE SYSTEMS OR WATERWAYS

ALL EROSION & SEDIMENT CONTROLS ARE FULLY MAINTAINED FOR THE DURATION OF THE DEMOLITION & DEVELOPMENT WORKS

CONTROLS MUST BE PUT INTO PLACE TO PREVENT TRACKING OF SEDIMENT BY VEHICLES ONTO ADJOINING ROADWAYS

ALL DISTURBED AREAS ARE RENDERED EROSION-RESISTANT BY TURFING, MULCHING, PAVING OR SIMILAR

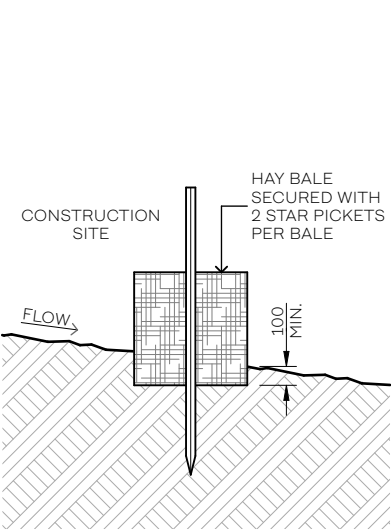
ALL WATER PUMPED OR OTHERWISE REMOVED FROM EXCAVATIONS OR BASEMENT AREAS MUST BE FILTERED TO ACHIEVE SUSPENDED SOLIDS/NON FILTERABLE RESIDUE LEVELS COMPLYING WITH THE AUSTRALIAN WATER QUALITY GUIDELINES FOR FRESH & MARINE WATERS

PUMPED OR OVERLAND FLOWS OF WATER ARE TO BE DISCHARGED SO AS NOT TO CAUSE, PERMIT OR ALLOW EROSION BEFORE THE COMMENCEMENT OF WORK (& UNTIL ISSUE OF THE OCCUPATION CERTIFICATE)

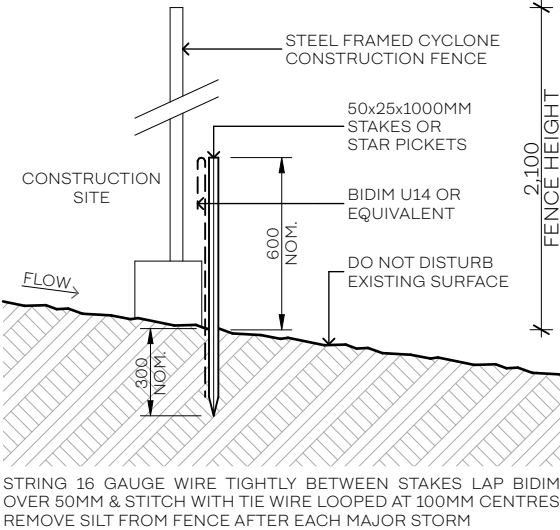
ALL EXCAVATIONS MUST BE KEPT FREE FROM WATER ACCUMULATION

ANY EXCAVATION WORKS CARRIED OUT ON SITE SHOULD BE CLOSELY MONITORED TO ENSURE NO SIGNS OF POTENTIAL ACID SULPHATE SOIL (PASS) OR ACTUAL ACID SULPHATE SOIL (AASS) ARE OBSERVED, INDICATORS MAY INCLUDE GREY TO GREENISH BLUE CLAYS, UNUSUAL GOLD-YELLOW MOTTLING OR 'ROTTEN EGG' ODOURS. IF ANY OF THESE INDICATORS ARE OBSERVED, EXCAVATION OF THE SITE IS TO BE STOPPED IMMEDIATELY, COUNCIL IS TO BE NOTIFIED & A SUITABLY QUALIFIED ENVIRONMENTAL SCIENTIST SHOULD BE CONTRACTED TO FURTHER ASSESS THE SITE.

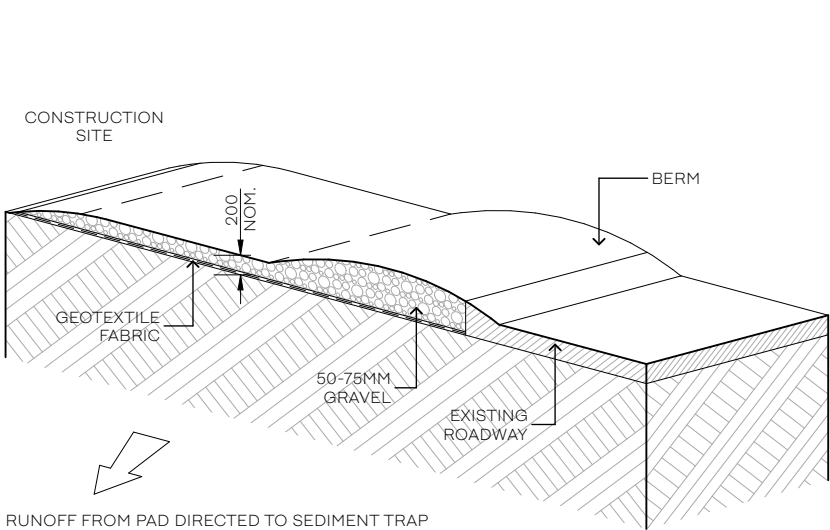
IN THE EVENT OF A STORM, ALL ESTABLISHED CONTROLS ARE TO BE ASSESSED & THE HYDRAULIC ENGINEER & ARCHITECT ARE TO BE NOTIFIED IMMEDIATELY OF ANY DOWNSTREAM SEDIMENTATION



Hay Bale Detail



Silt Fence Detail



Temporary Construction Exit

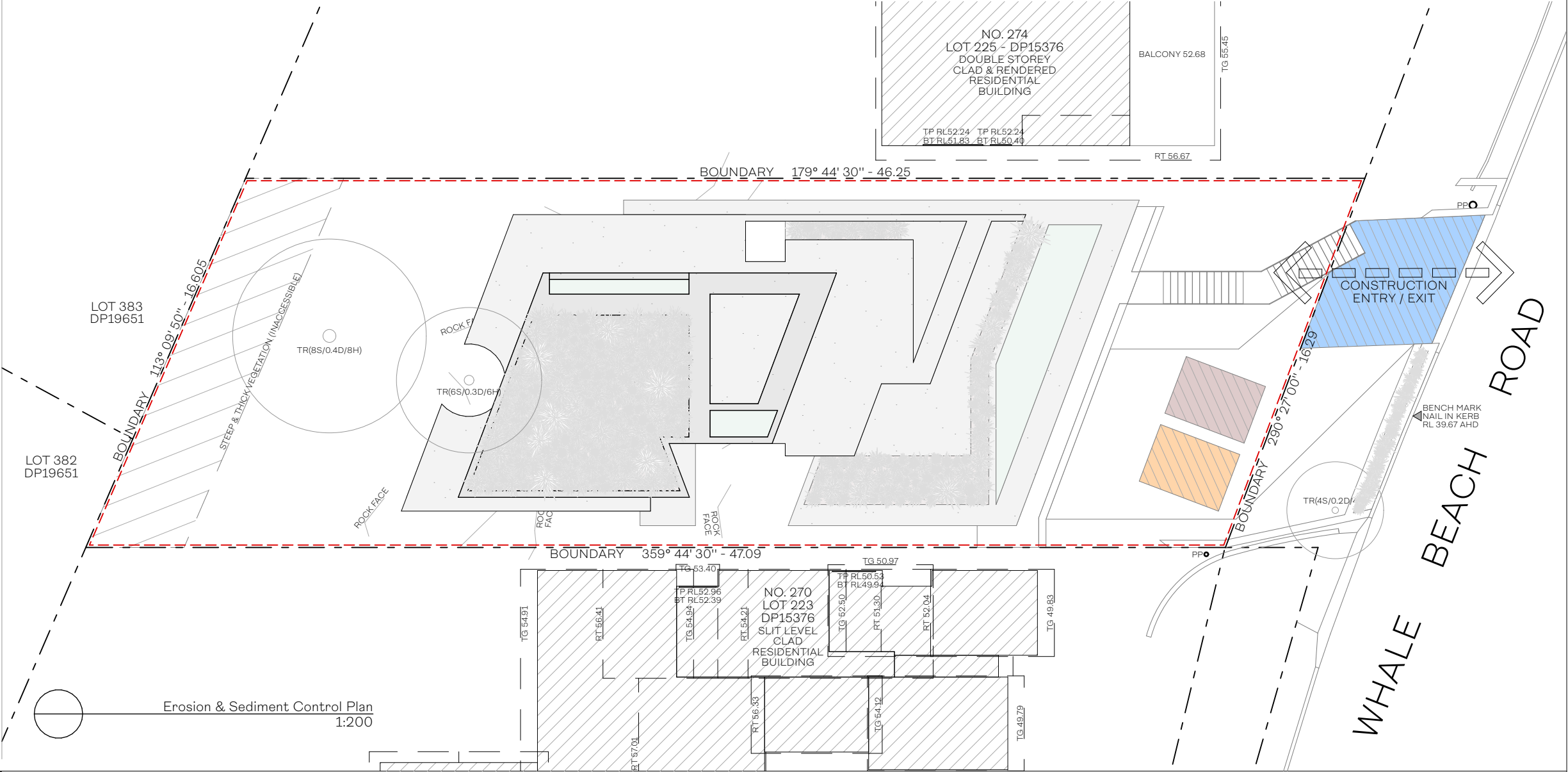
EROSION & SEDIMENT CONTROL LEGEND

- PROVISION AREA FOR STOCKPILING OF MATERIALS
AREA FOR STORING EXCAVATED MATERIAL
- TRADE WASTE RECEPTABLE LOCATION
- 2.1M HIGH STEEL FRAMED CYCLONE CONSTRUCTION FENCE & SILT FENCE, REFER TO DETAIL
- TEMPORARY CONSTRUCTION EXIT, REFER TO DETAIL

IMPERVIOUS AREA CALCULATIONS

NOTE: UNCOVERED DECK IS NOT INCLUDED AS IMPERVIOUS AREA

EXISTING IMPERVIOUS AREA 467 M2
NEW IMPERVIOUS AREA 342 M2



Erosion & Sediment Control Plan
1:200

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PROJECT NO.
AO242
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1:200@A3

CLIENT
JASON & TANYA
PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW

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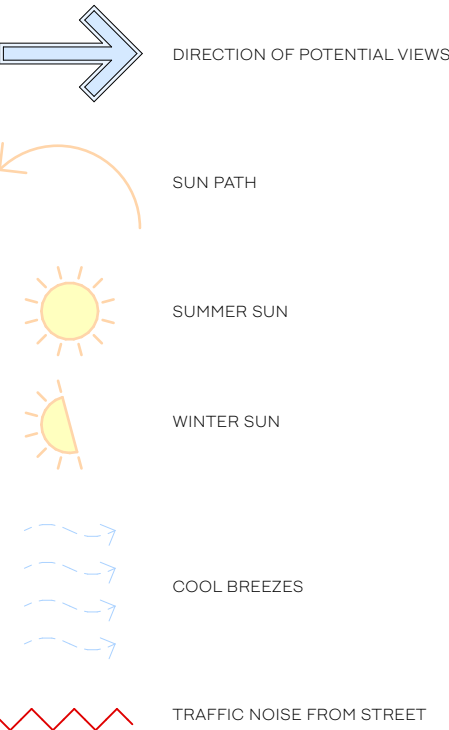
DRAWING SITE AND LOCATION PLANS
Erosion and Sediment Control Plan

PROJECT NEW BUILD
WHALE BEACH HOUSE

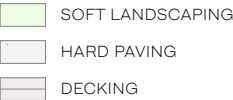
PROJECT STATUS
DA APPROVAL

DRAWING ID REVISION
A100 G

SITE NOTES
SITE ANALYSIS LEGEND



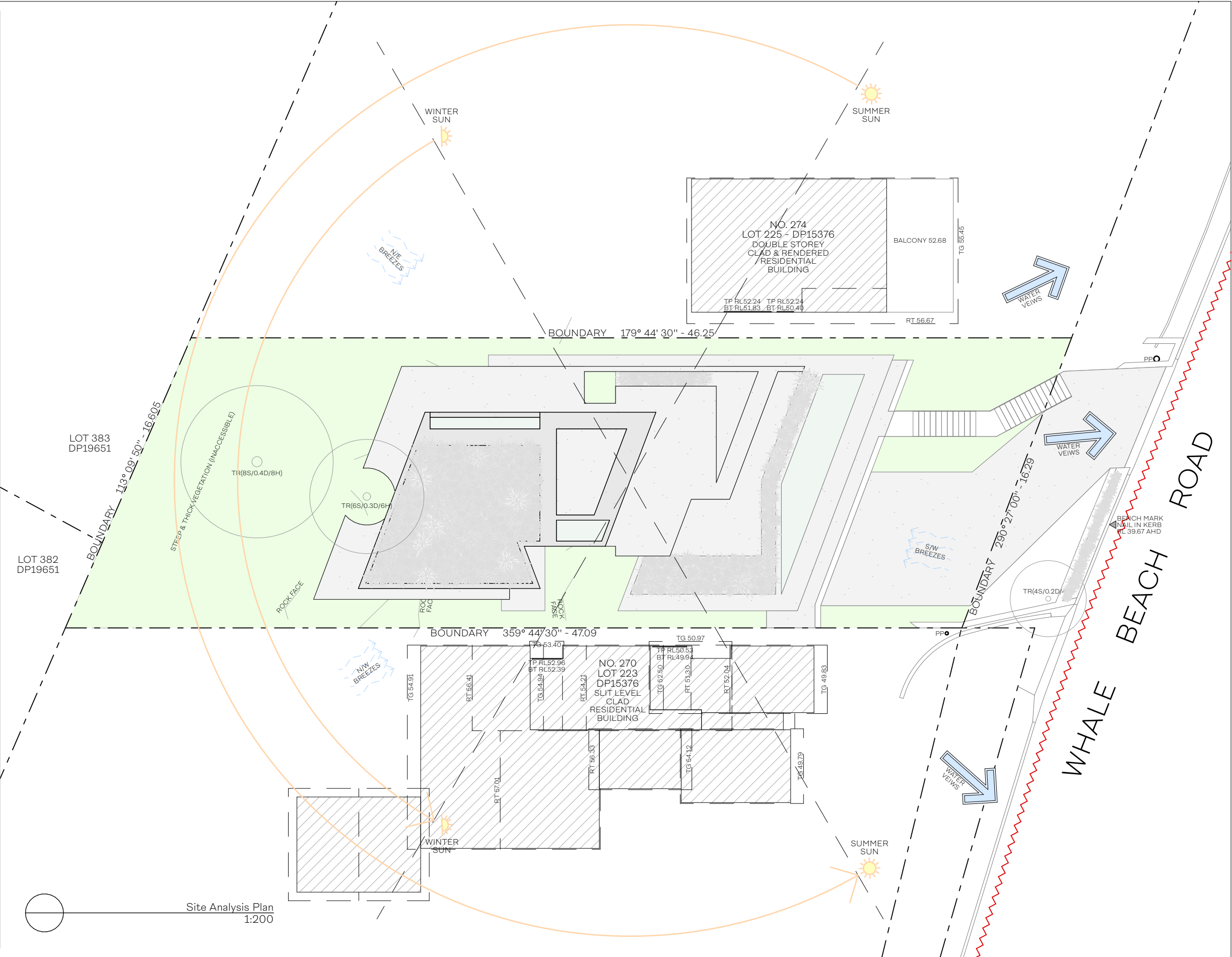
SITE & LANDSCAPE LEGEND



IMPERVIOUS AREA CALCULATIONS

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EXISTING IMPERVIOUS AREA	467 M2
NEW IMPERVIOUS AREA	342 M2



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DRAWING

SITE AND LOCATION PLANS

Site Analysis Plan

PROJECT

NEW BUILD

Whale Beach House

PROJECT STATUS
DA APPROVAL

DRAWING ID

A101

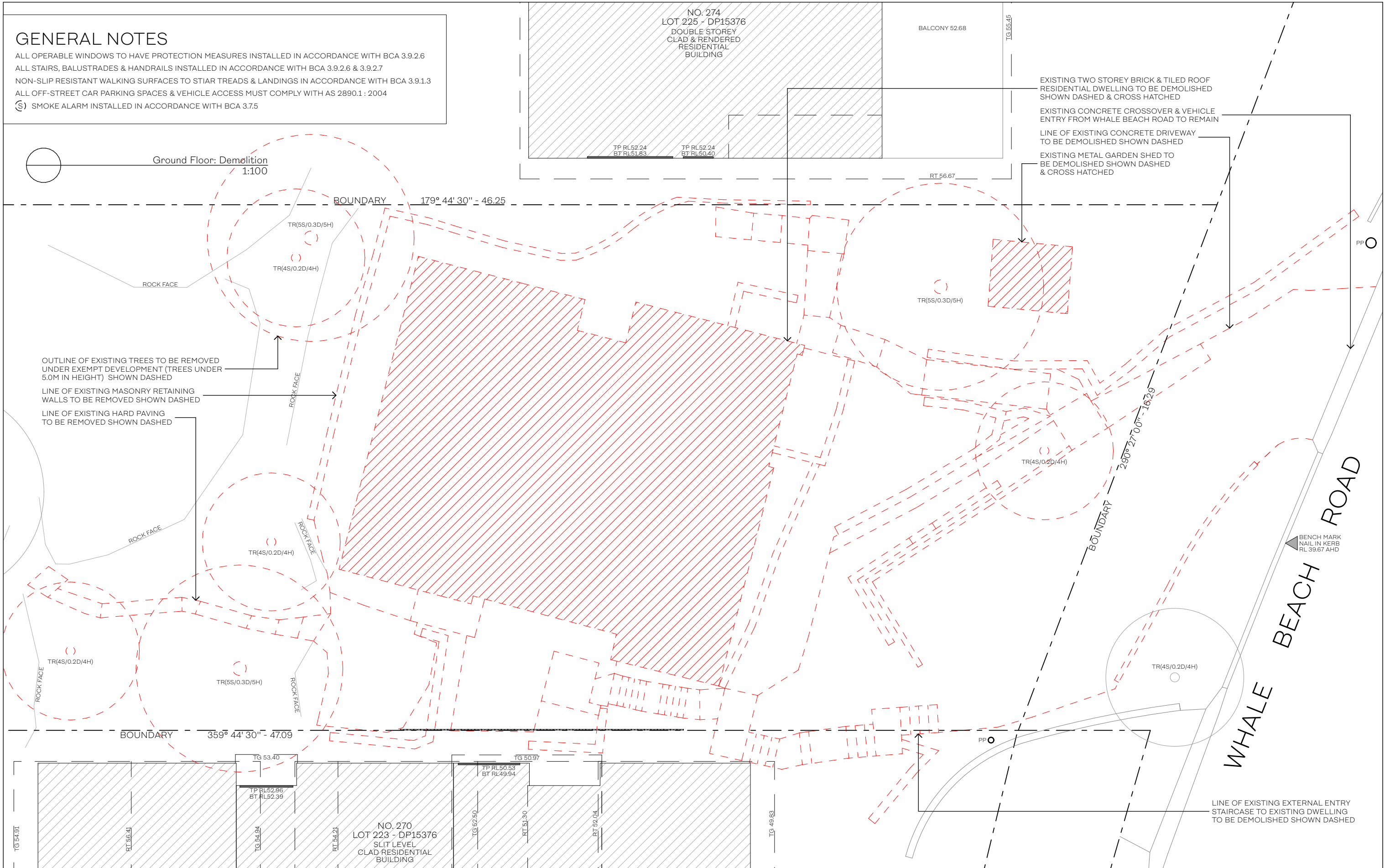
REVISION

G

GENERAL NOTES

- ALL OPERABLE WINDOWS TO HAVE PROTECTION MEASURES INSTALLED IN ACCORDANCE WITH BCA 3.9.2.6
- ALL STAIRS, BALUSTRADES & HANDRAILS INSTALLED IN ACCORDANCE WITH BCA 3.9.2.6 & 3.9.2.7
- NON-SLIP RESISTANT WALKING SURFACES TO STAIR TREADS & LANDINGS IN ACCORDANCE WITH BCA 3.9.1.3
- ALL OFF-STREET CAR PARKING SPACES & VEHICLE ACCESS MUST COMPLY WITH AS 2890.1 : 2004
- (S) SMOKE ALARM INSTALLED IN ACCORDANCE WITH BCA 3.7.5

Ground Floor: Demolition
1:100



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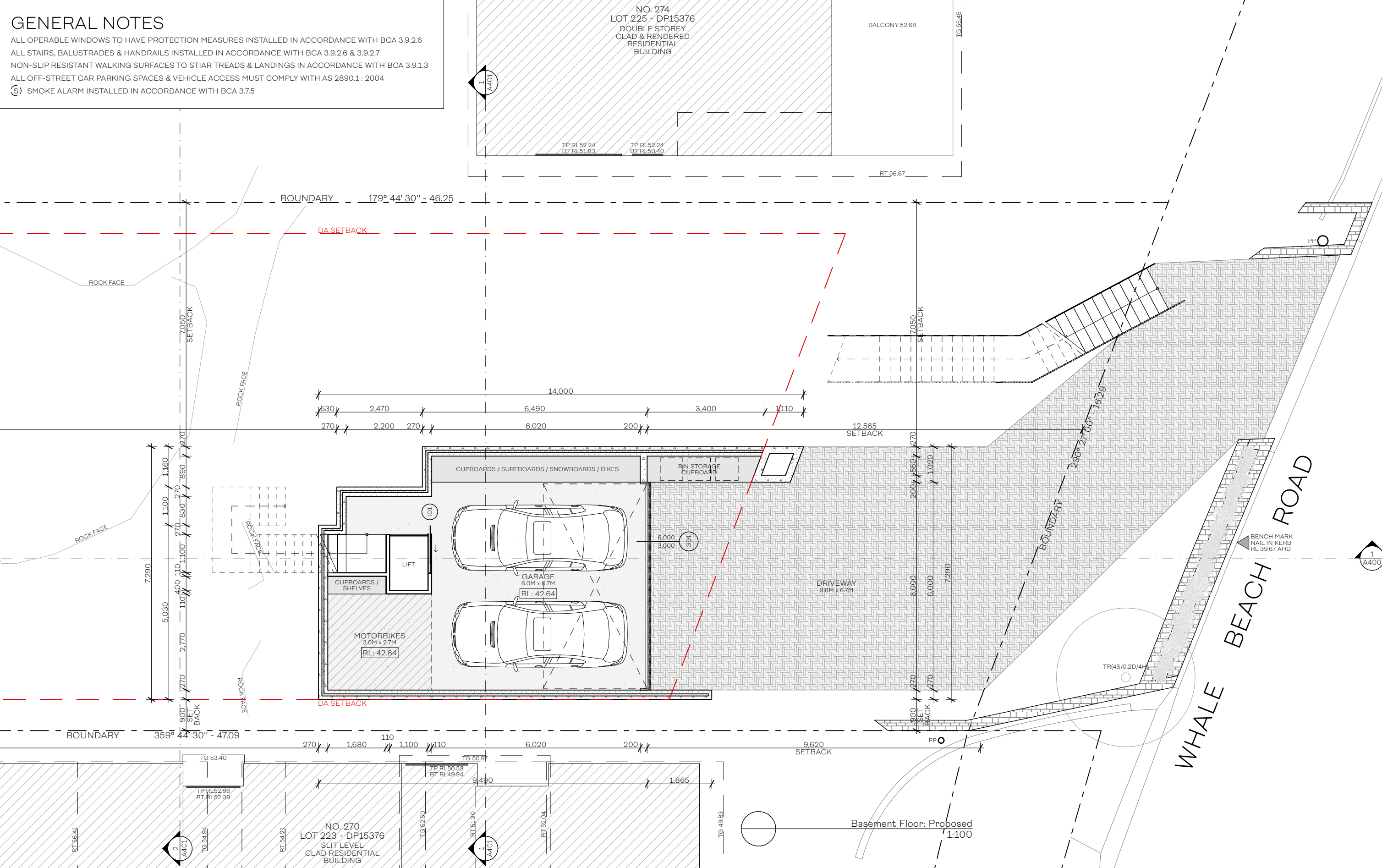
DRAWING	EXISTING / DEMOLITION PLANS
	Ground Floor: Demolition Plan
PROJECT	NEW BUILD
	WHALE BEACH HOUSE


PROJECT STATUS
DA APPROVAL

DRAWING ID
A200
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G

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DRAWING
Basement: Proposed Plan

PROPOSED PLANS

PROJECT
Whale Beach House

NEW BUILD

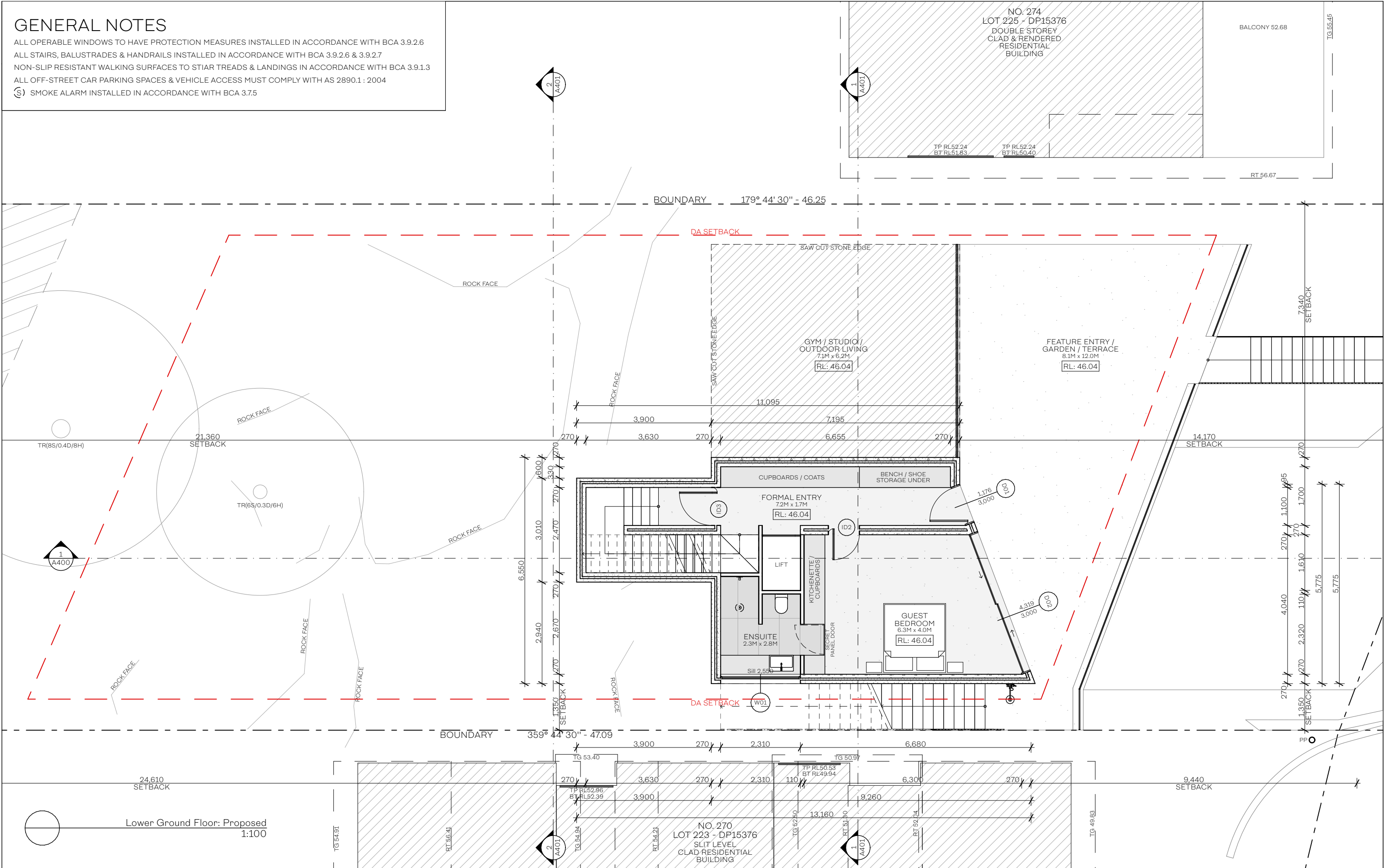
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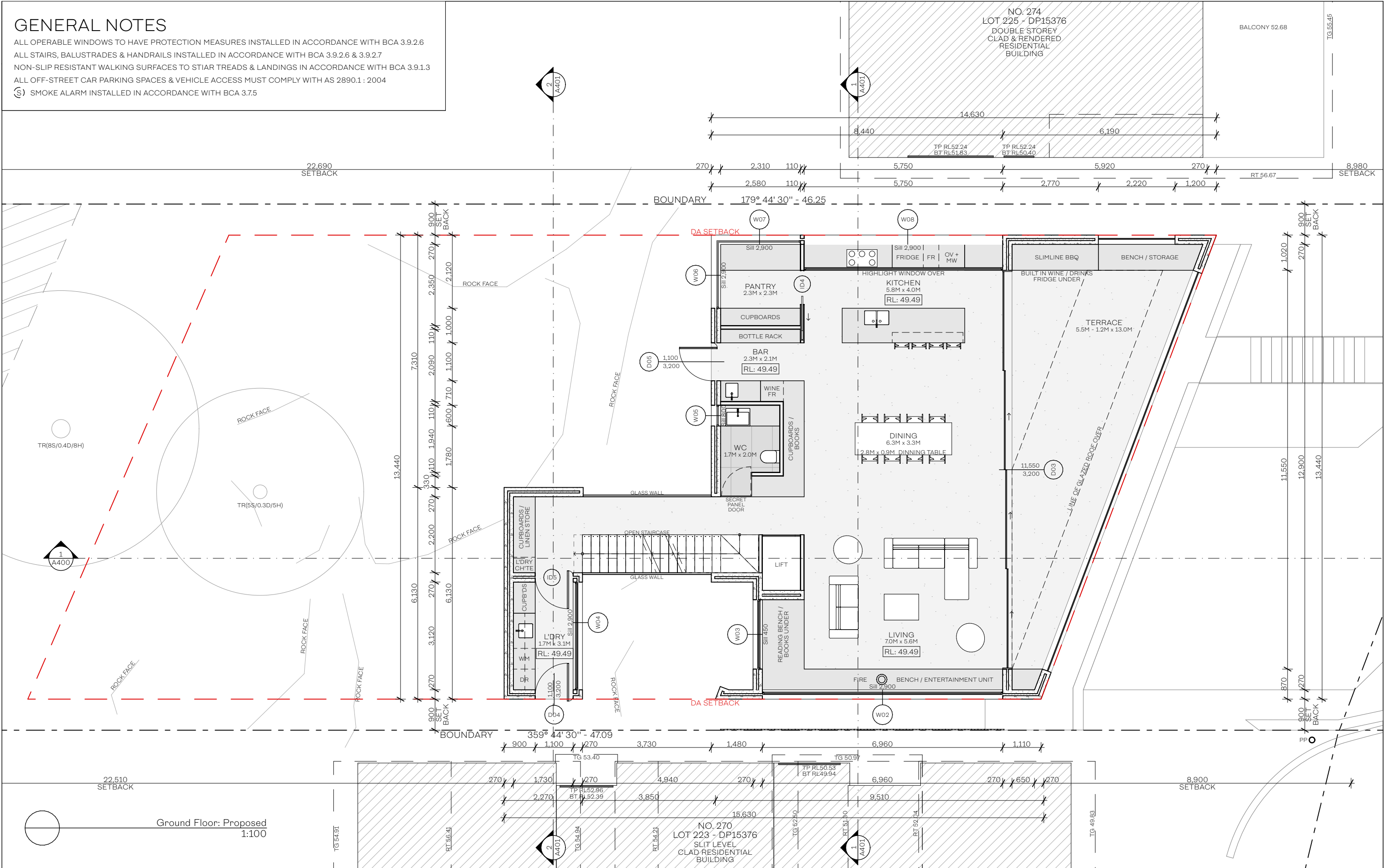
DRAWING PROPOSED PLANS
Lower Ground Floor: Proposed Plan
PROJECT NEW BUILD
Whale Beach House

PROJECT STATUS
DA APPROVAL

DRAWING ID REVISION
A202 G

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ISSUE FOR DA APPROVAL	F	22.12.2022
ISSUE FOR DA APPROVAL	G	23.12.2022

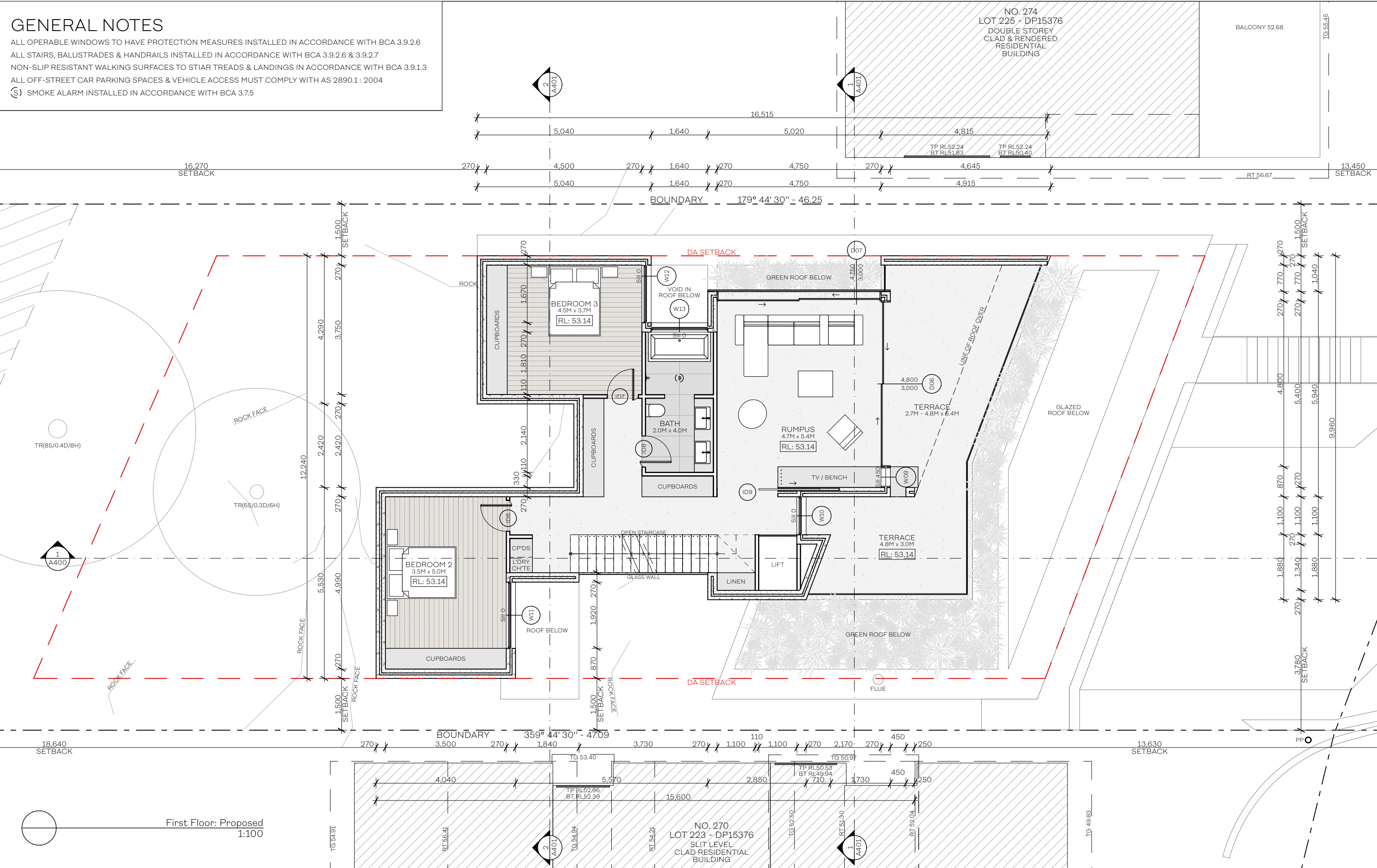
DRAWING
PROPOSED PLANS
Ground Floor: Proposed Plan
PROJECT
NEW BUILD
Whale Beach House

PROJECT STATUS
DA APPROVAL

DRAWING ID
A203
REVISION
G

GENERAL NOTES

ALL OPERABLE WINDOWS TO HAVE PROTECTION MEASURES INSTALLED IN ACCORDANCE WITH BCA 3.9.2.6
ALL STAIRS, BALUSTRADES & HANDRAILS INSTALLED IN ACCORDANCE WITH BCA 3.9.2.6 & 3.9.2.7
NON-SLIP RESISTANT WALKING SURFACES TO STAIR TREADS & LANDINGS IN ACCORDANCE WITH BCA 3.9.1.3
ALL OFF-STREET CAR PARKING SPACES & VEHICLE ACCESS MUST COMPLY WITH AS 2890.1 : 2004
(S) SMOKE ALARM INSTALLED IN ACCORDANCE WITH BCA 3.7.5



AVENUE ONE DESIGN

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DATE
23.12.2022
PROJECT NO.
AO242
SCALE
1:100@A3

CLIENT
JASON & TANYA
PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW

DRAWING ISSUE	REVISION	DATE ISSUED
ISSUE FOR PRE. CONCEPT	A	29.08.2022
ISSUE FOR PRE. CONCEPT	B	19.09.2022
ISSUE FOR CONCEPT	C	21.09.2022
ISSUE FOR DA APPROVAL	D	04.11.2022
ISSUE FOR DA APPROVAL	E	20.12.2022
ISSUE FOR DA APPROVAL	F	22.12.2022
ISSUE FOR DA APPROVAL	G	23.12.2022

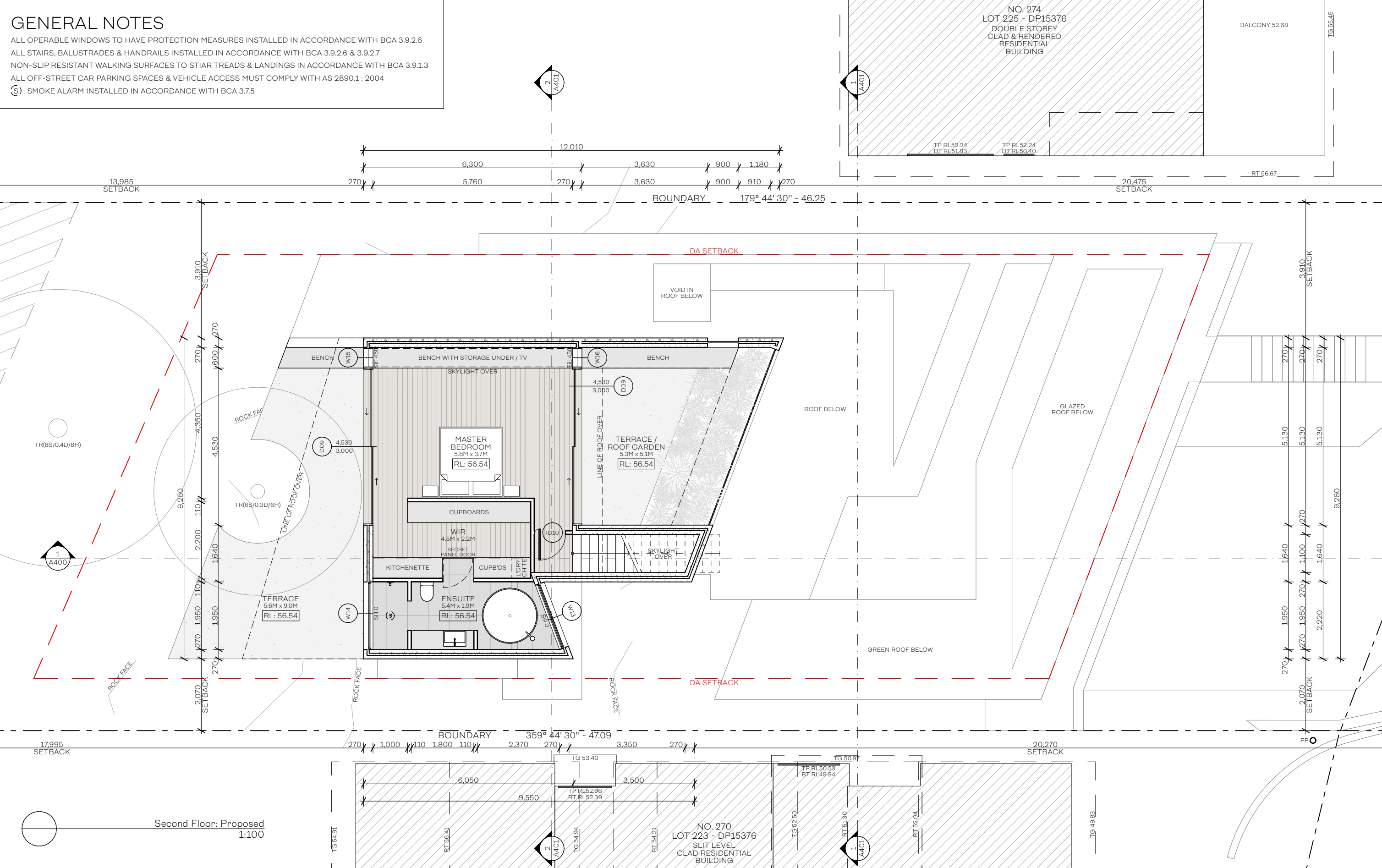
DRAWING
PROPOSED PLANS
First Floor: Proposed Plan
PROJECT
NEW BUILD
Whale Beach House

PROJECT STATUS
DA APPROVAL

DRAWING ID
A204
REVISION
G

GENERAL NOTES

ALL OPERABLE WINDOWS TO HAVE PROTECTION MEASURES INSTALLED IN ACCORDANCE WITH BCA 3.9.2.6
ALL STAIRS, BALUSTRADES & HANDRAILS INSTALLED IN ACCORDANCE WITH BCA 3.9.2.6 & 3.9.2.7
NON-SLIP RESISTANT WALKING SURFACES TO STAIR TREADS & LANDINGS IN ACCORDANCE WITH BCA 3.9.1.3
ALL OFF-STREET CAR PARKING SPACES & VEHICLE ACCESS MUST COMPLY WITH AS 2890.1 : 2004
(S) SMOKE ALARM INSTALLED IN ACCORDANCE WITH BCA 3.7.5



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DATE
23.12.2022
PROJECT NO.
AO242
SCALE
1:100@A3

CLIENT
JASON & TANYA
PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW

DRAWING ISSUE	REVISION	DATE ISSUED
ISSUE FOR PRE. CONCEPT	A	29.08.2022
ISSUE FOR PRE. CONCEPT	B	19.09.2022
ISSUE FOR PRE. CONCEPT	C	21.09.2022
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ISSUE FOR DA APPROVAL	F	22.12.2022
ISSUE FOR DA APPROVAL	G	23.12.2022

DRAWING
Second Floor: Proposed Plan
PROJECT
NEW BUILD
Whale Beach House

PROJECT STATUS
DA APPROVAL

DRAWING ID
A205
REVISION
G

ALL OPERABLE WINDOWS TO HAVE PROTECTION MEASURES INSTALLED IN ACCORDANCE WITH BCA 3.9.2.6
ALL STAIRS, BALUSTRADES & HANDRAILS INSTALLED IN ACCORDANCE WITH BCA 3.9.2.6 & 3.9.2.7
NON-SLIP RESISTANT WALKING SURFACES TO STAIR TREADS & LANDINGS IN ACCORDANCE WITH BCA 3.9.1.3
ALL OFF-STREET CAR PARKING SPACES & VEHICLE ACCESS MUST COMPLY WITH AS 2890.1 : 2004
(S) SMOKE ALARM INSTALLED IN ACCORDANCE WITH BCA 3.7.5

FIXED GLAZED ROOF OVER MASTER SUITE
BELOW INSTALLED IN ACCORDANCE WITH
MANUFACTURERS SPECIFICATIONS, REFER
TO STRUCTURAL ENGINEERS DETAILS

BOUNDARY - 179° 44' 30" - 46.25

2000

RT 56.67

TR(6S/0.3D/6H)

1
A400

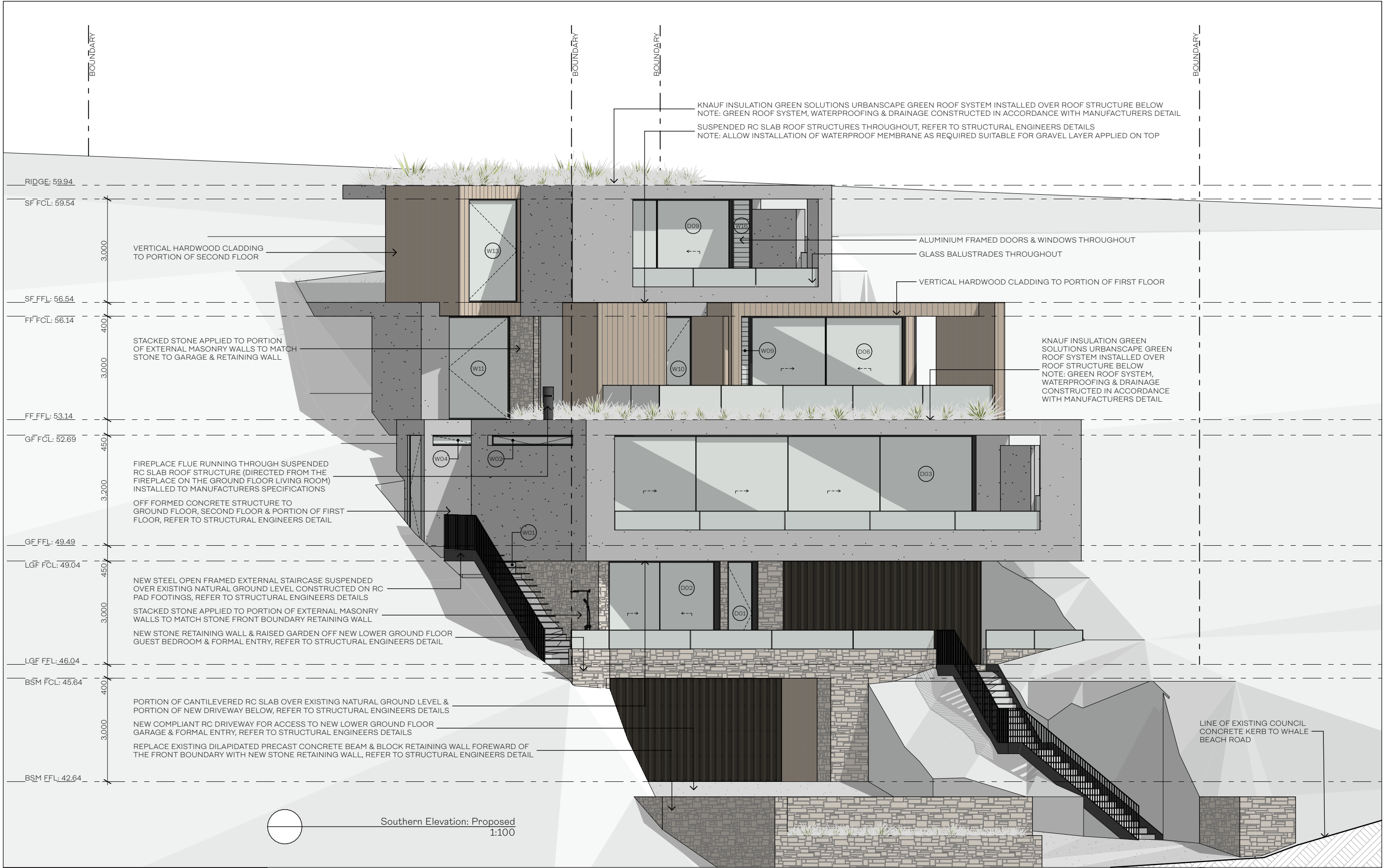
BOUNDARY - 359° 44' 30" - 47.09

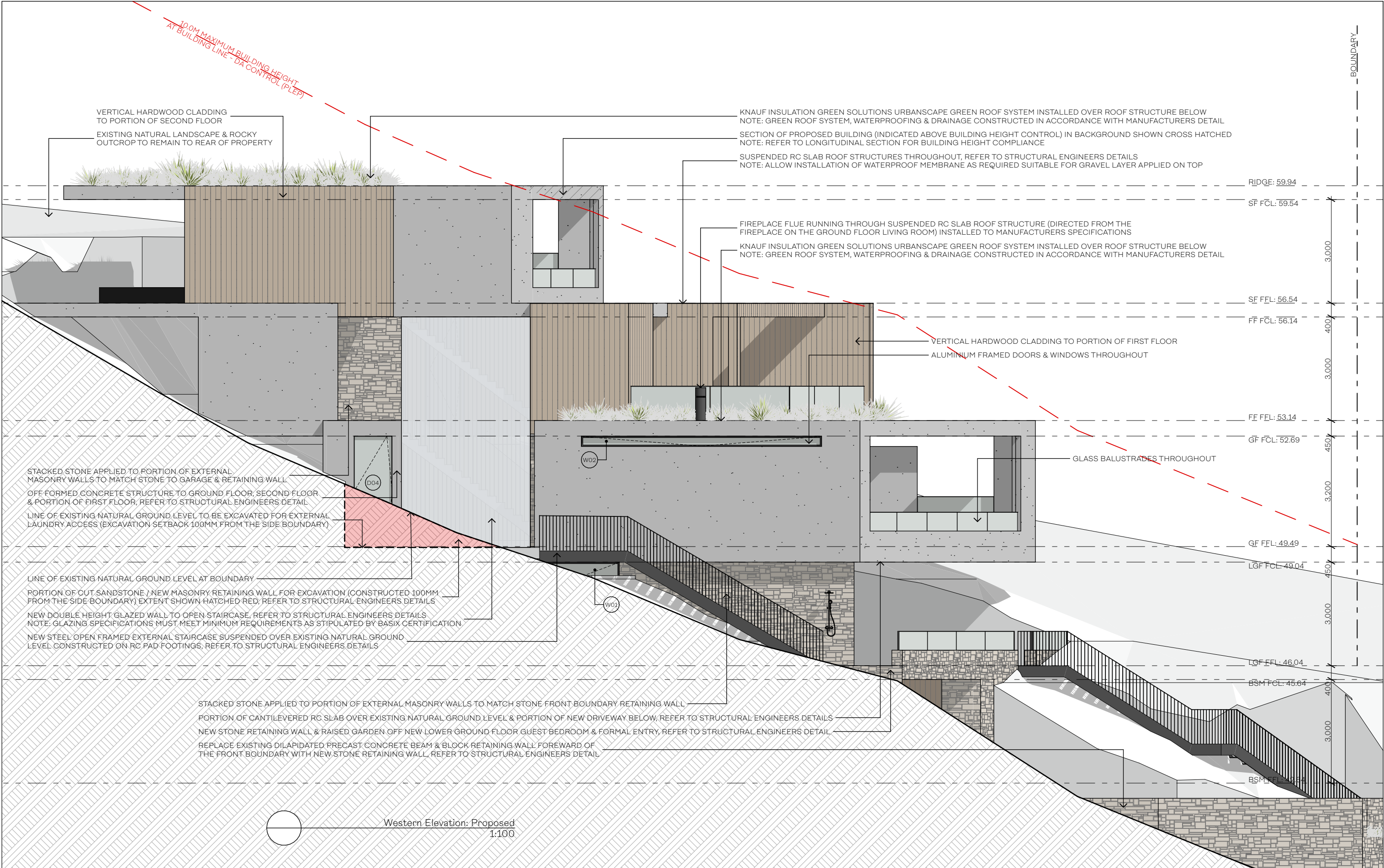
KNAUF INSULATION GREEN SOLUTIONS
URBANSCAPE GREEN ROOF SYSTEM
INSTALLED OVER ROOF STRUCTURE BELOW
NOTE: GREEN ROOF SYSTEM, WATERPROOFING
& DRAINAGE CONSTRUCTED IN ACCORDANCE
WITH MANUFACTURERS DETAIL

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DRAWING ID REVISION
A206 G





Western Elevation: Proposed
1:100



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DATE
23.12.2022

PROJECT NO.
AO242

SCALE
1:100@A3

CLIENT
JASON & TANYA

PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW

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ISSUE FOR DA APPROVAL	F	22.12.2022
ISSUE FOR DA APPROVAL	G	23.12.2022

DRAWING

PROPOSED ELEVATIONS

Western Elevation: Proposed

PROJECT

NEW BUILD

Whale Beach House

PROJECT STATUS

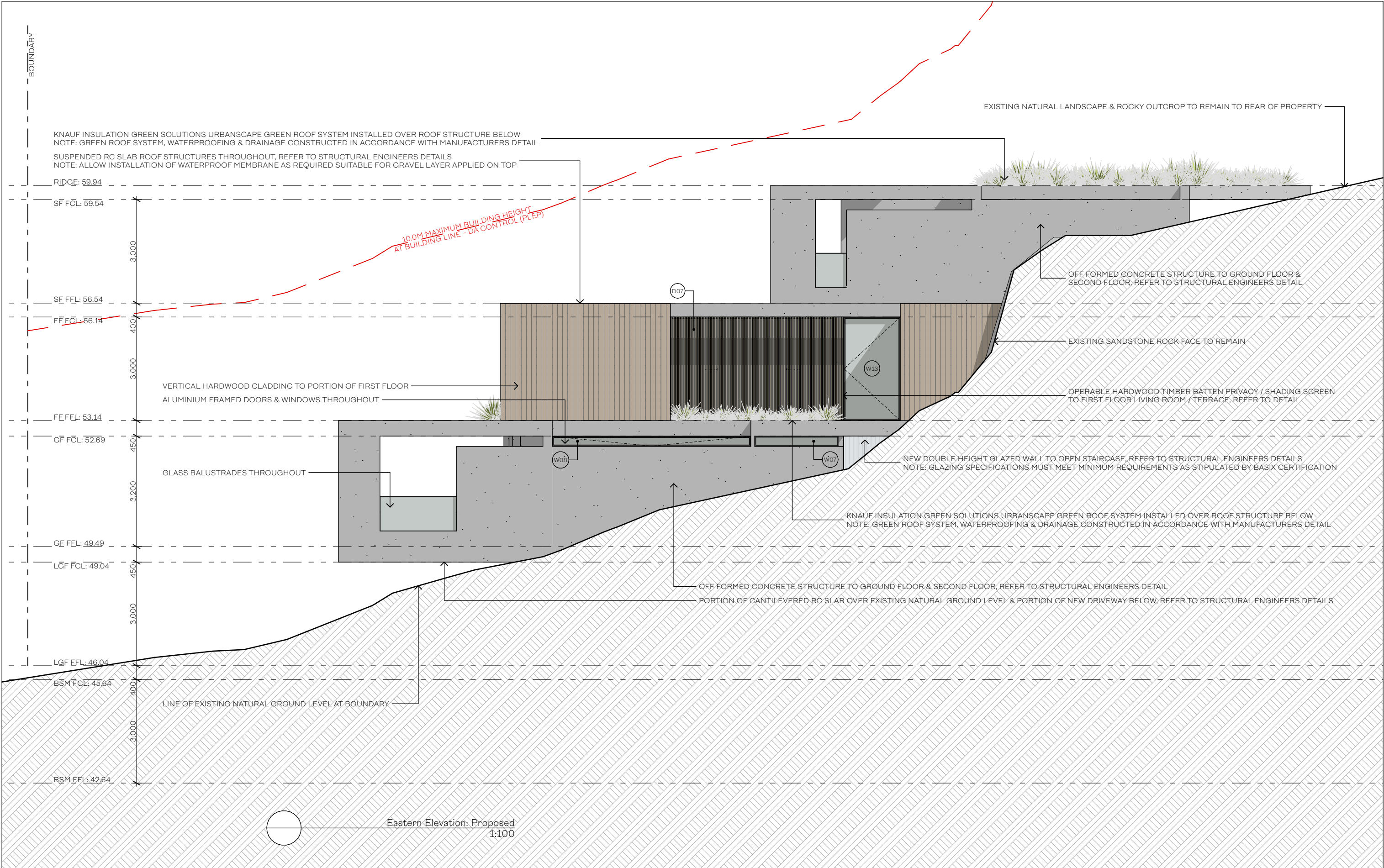
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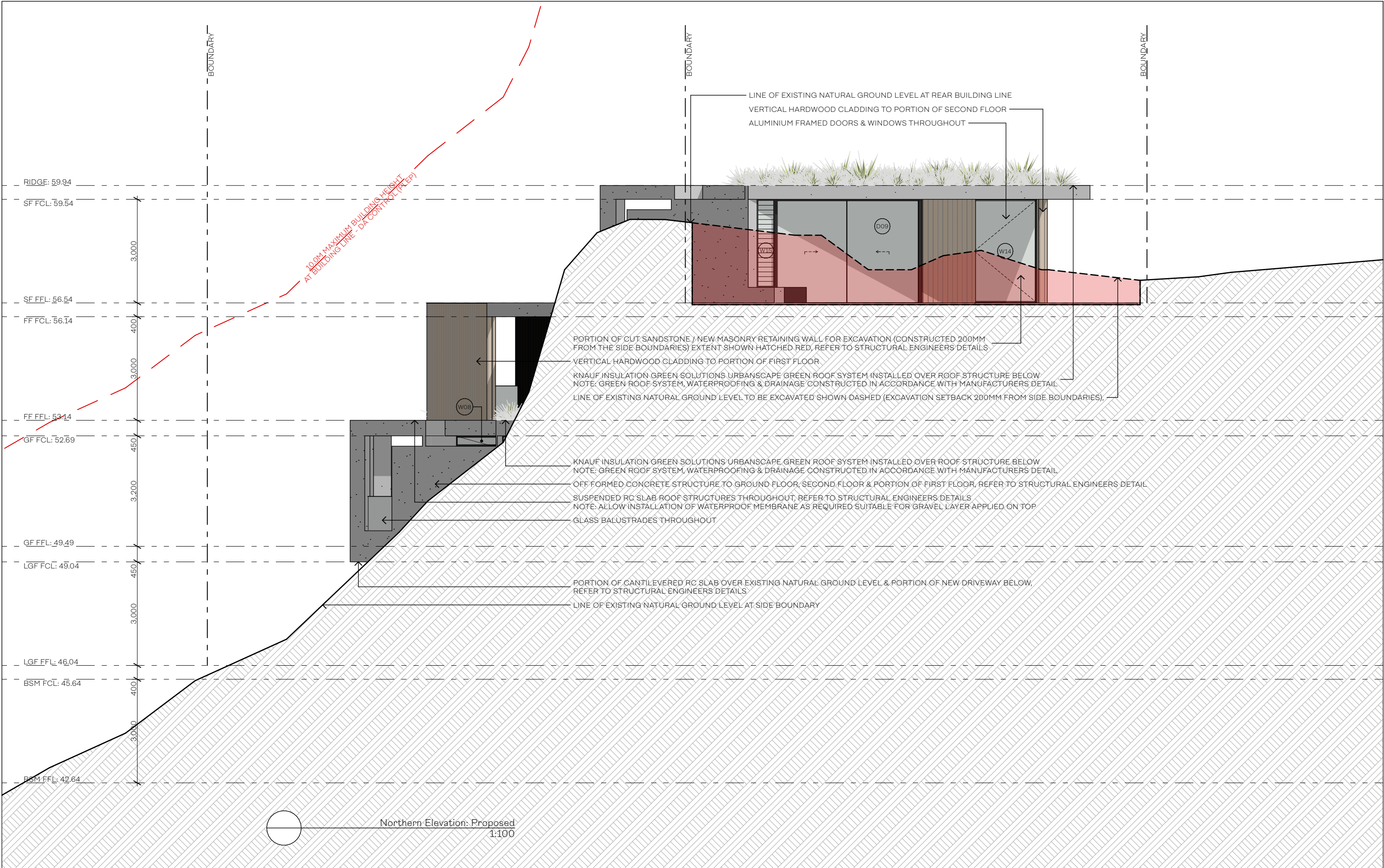
DRAWING ID

A301

REVISION

G





Northern Elevation: Proposed
1:100



AVENUE
ONE
DESIGN

AVENUE ONE DESIGN

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DATE
23.12.2022
PROJECT NO.
AO242
SCALE
1:100@A3

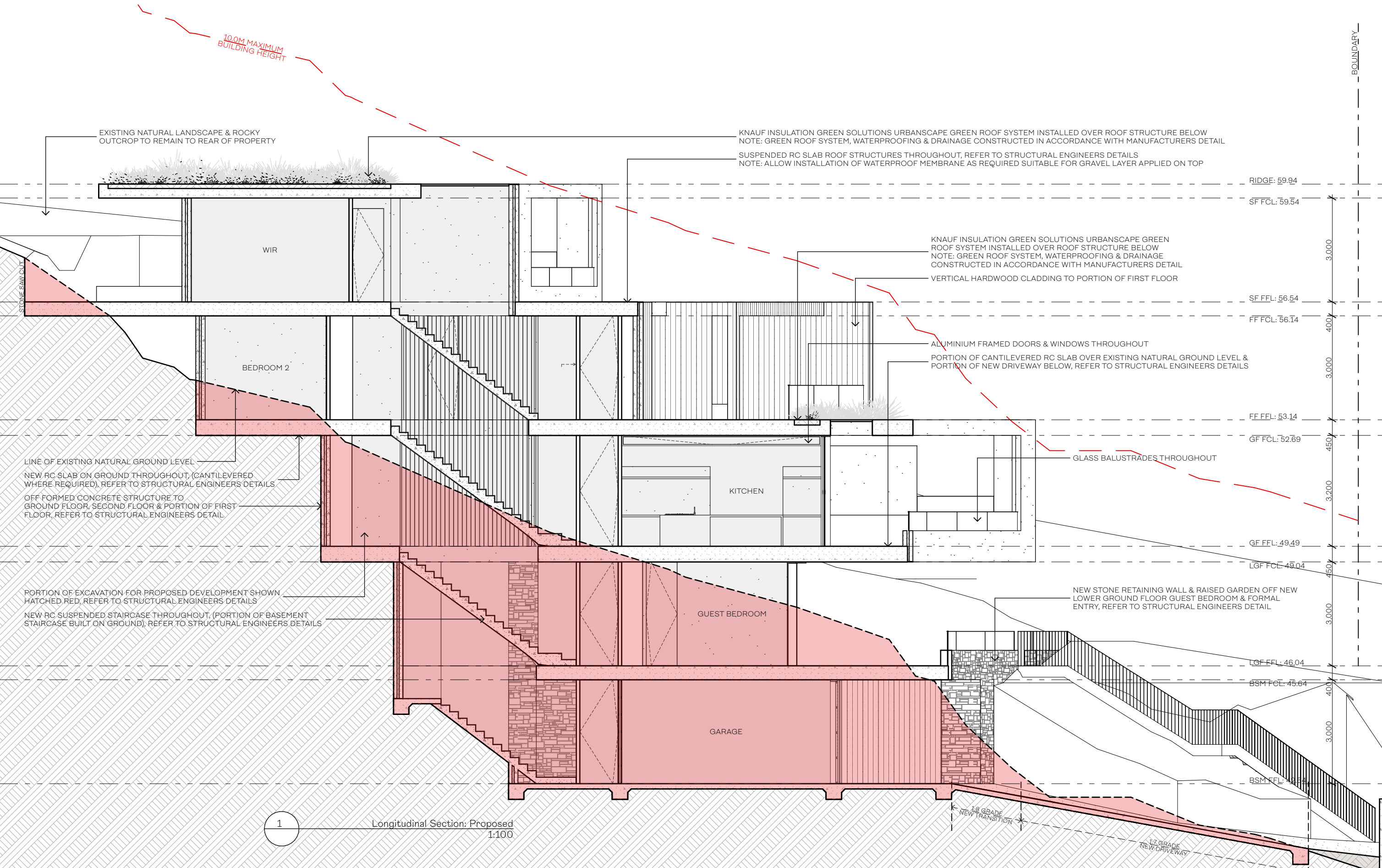
CLIENT
JASON & TANYA
PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW


DRAWING ISSUE	REVISION	DATE ISSUED
ISSUE FOR PRE. CONCEPT	A	29.08.2022
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ISSUE FOR DA APPROVAL	F	22.12.2022
ISSUE FOR DA APPROVAL	G	23.12.2022

DRAWING PROPOSED ELEVATIONS
Northern Elevation: Proposed
PROJECT NEW BUILD
Whale Beach House

PROJECT STATUS
DA APPROVAL

DRAWING ID REVISION
A303 G





AVENUE ONE DESIGN
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DATE
23.12.2022

PROJECT NO.
AO242

SCALE
1:100@A3

CLIENT
JASON & TANYA

PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW

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ISSUE FOR PRE. CONCEPT	A	29.08.2022
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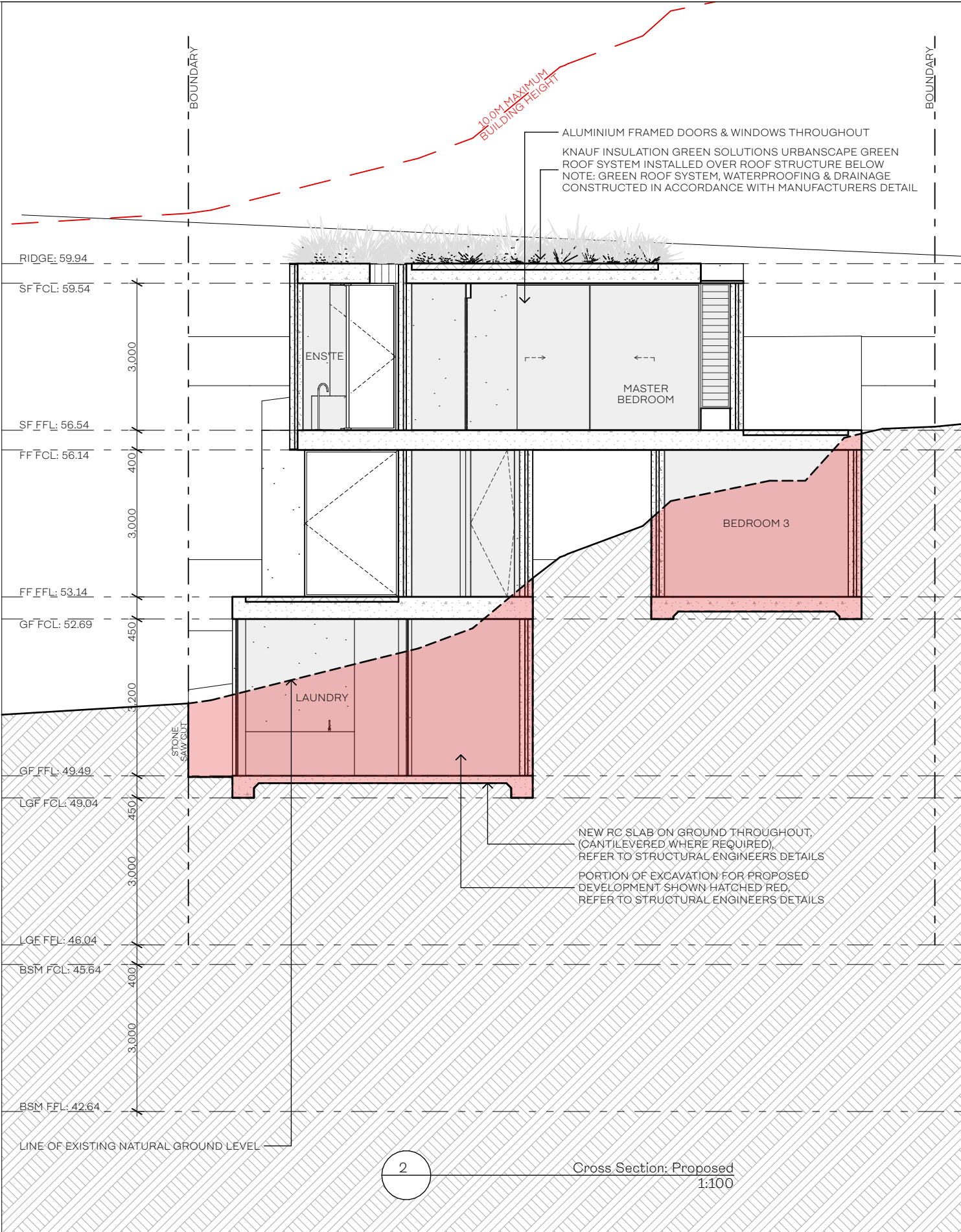
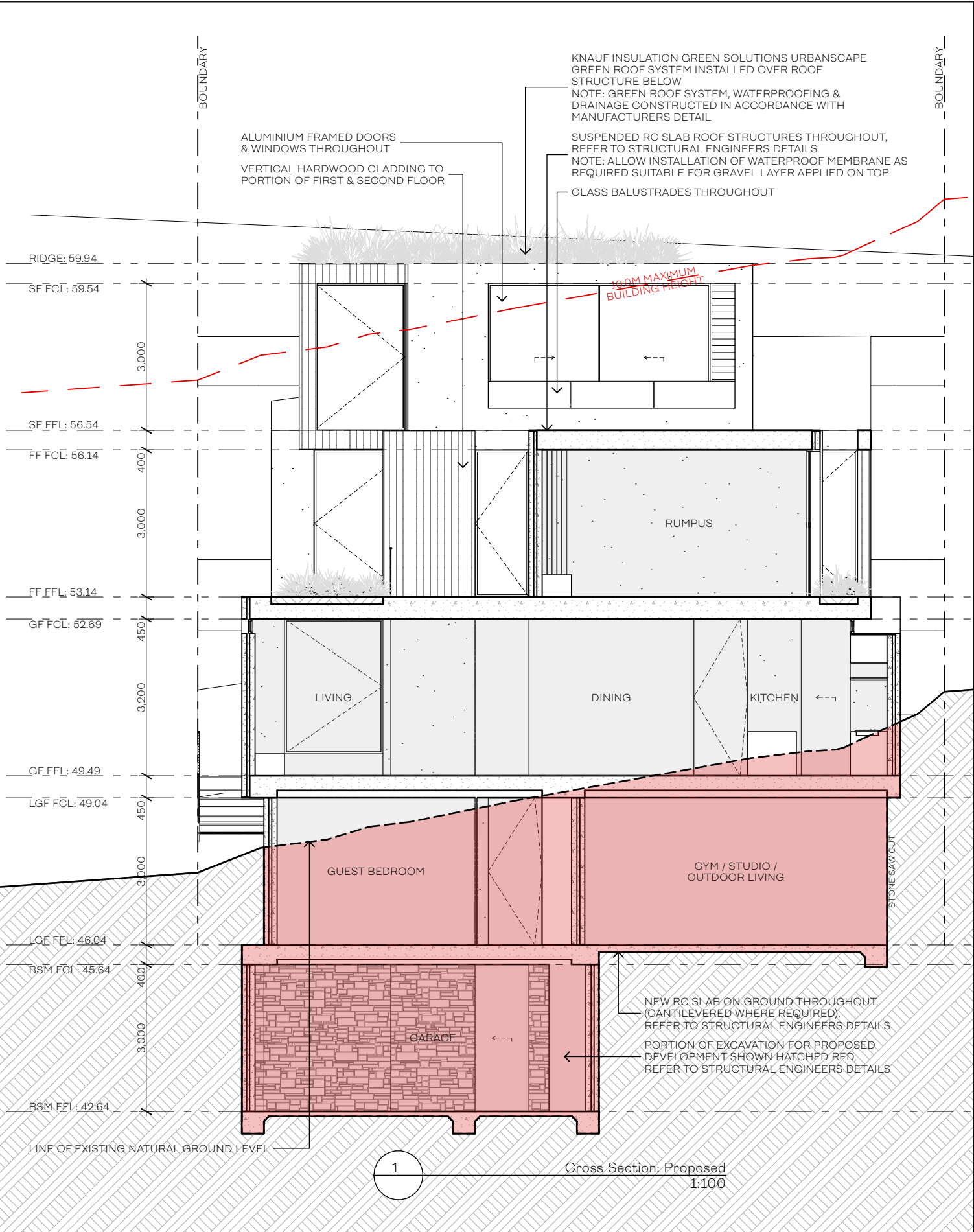
DRAWING
Longitudinal Section: Proposed

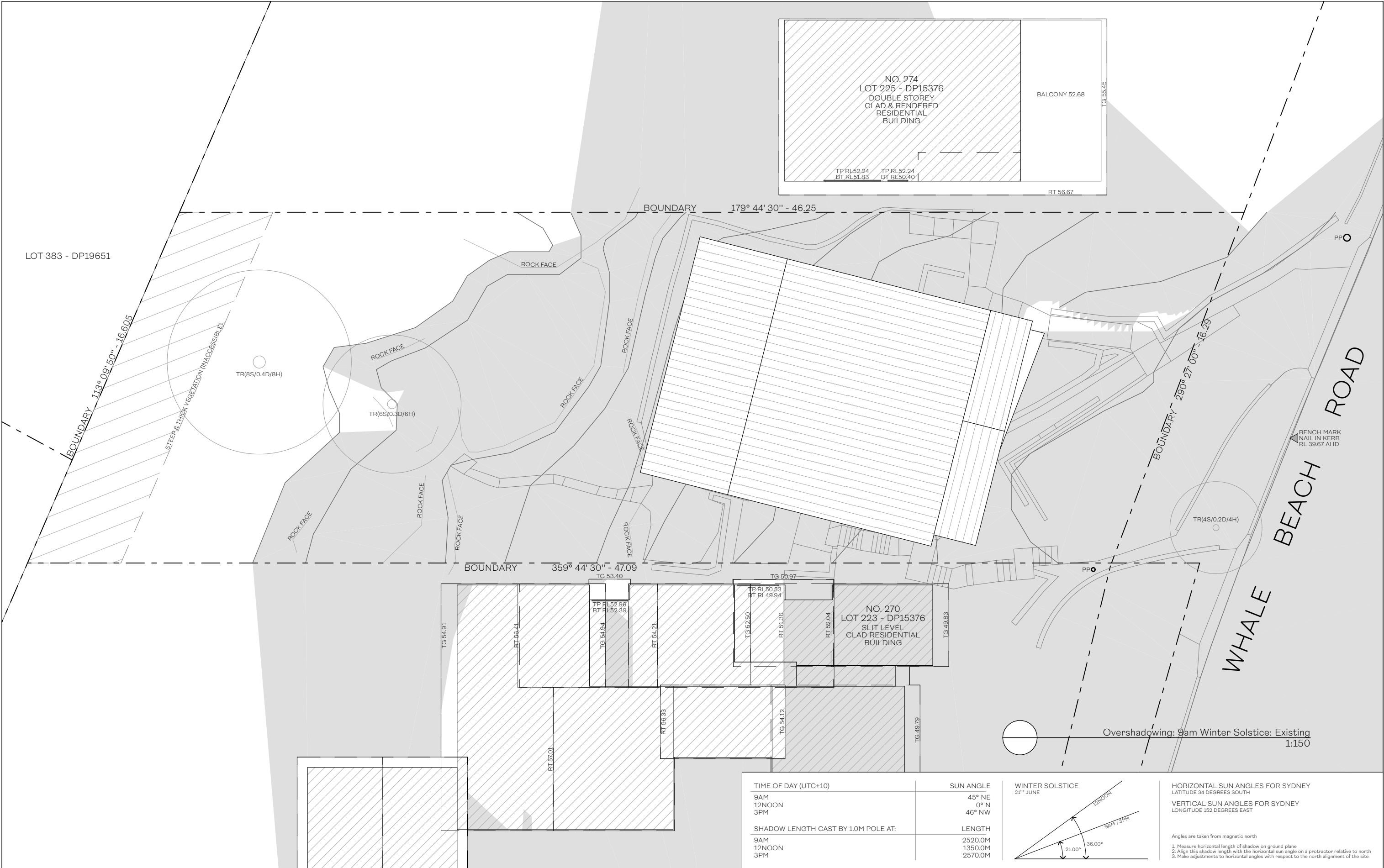
PROJECT
NEW BUILD
Whale Beach House


PROJECT STATUS
DA APPROVAL

DRAWING ID
A400

REVISION
G







AVENUE ONE DESIGN
A: 3/18 HUTCHINSON STREET
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DATE
23.12.2022

PROJECT NO.
AO242

SCALE
@A3

CLIENT
JASON & TANYA

PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW

DRAWING ISSUE	REVISION	DATE ISSUED
ISSUE FOR PRE. CONCEPT	A	29.08.2022
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ISSUE FOR DA APPROVAL	F	22.12.2022
ISSUE FOR DA APPROVAL	G	23.12.2022

DRAWING OVERSHADOWING PLANS

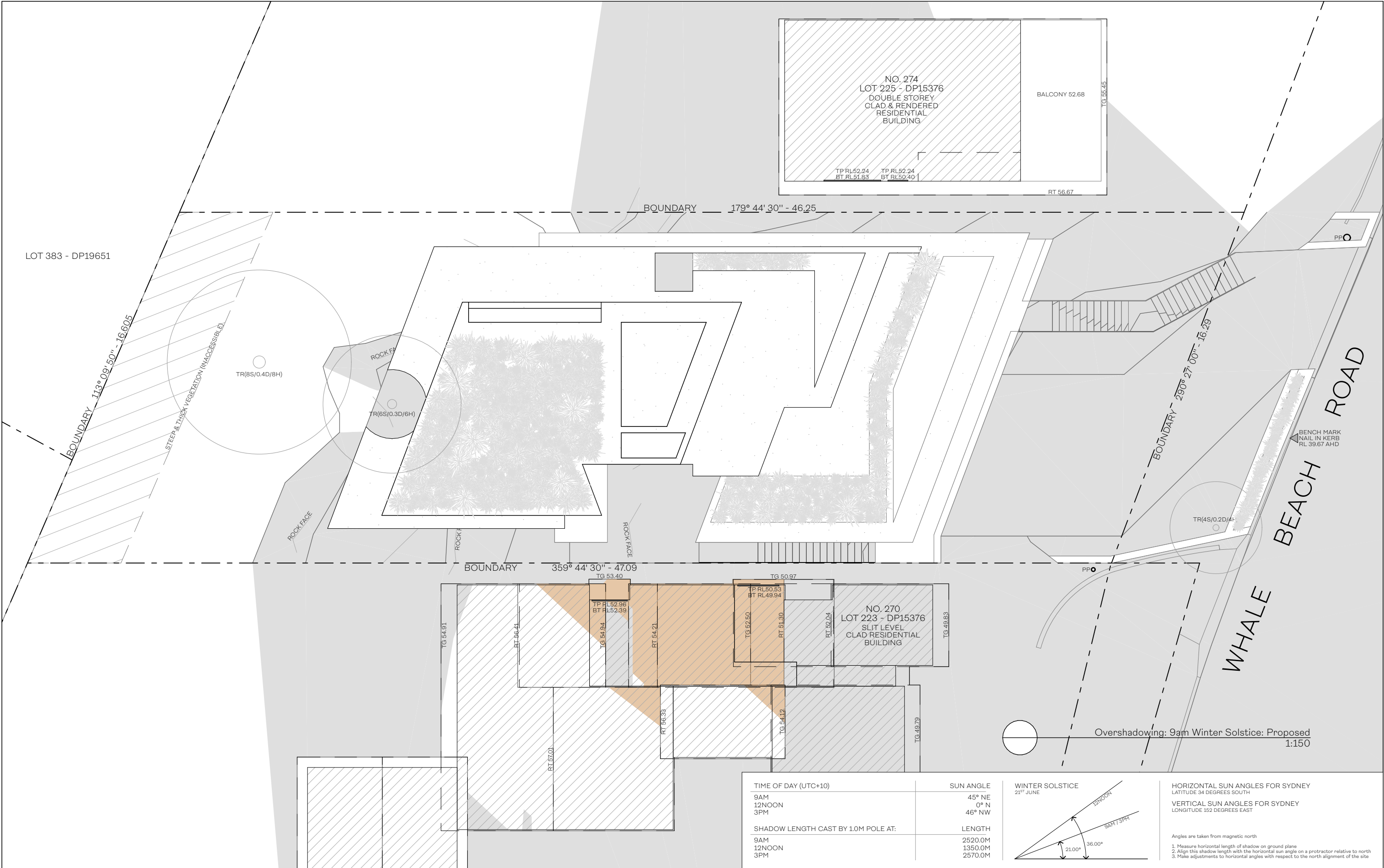
Overshadowing: 9am Winter Solstice

PROJECT NEW BUILD

WHALE BEACH HOUSE

PROJECT STATUS
DA APPROVAL

DRAWING ID REVISION
A501 G



TIME OF DAY (UTC+10)		SUN ANGLE		WINTER SOLSTICE 21 ST JUNE		HORIZONTAL SUN ANGLES FOR SYDNEY LATITUDE 34 DEGREES SOUTH			
9AM			45° NE			VERTICAL SUN ANGLES FOR SYDNEY LONGITUDE 152 DEGREES EAST			
12NOON			0° N						
3PM			46° NW						
SHADOW LENGTH CAST BY 1.0M POLE AT:		LENGTH							
9AM			2520.0M						
12NOON			1350.0M						
3PM			2570.0M						

AVENUE ONE DESIGN
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DATE
23.12.2022

PROJECT NO.
AO242

SCALE
@A3

CLIENT
JASON & TANYA

PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW

DRAWING ISSUE	REVISION	DATE ISSUED
ISSUE FOR PRE. CONCEPT	A	29.08.2022
ISSUE FOR PRE. CONCEPT	B	19.09.2022
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ISSUE FOR DA APPROVAL	G	23.12.2022

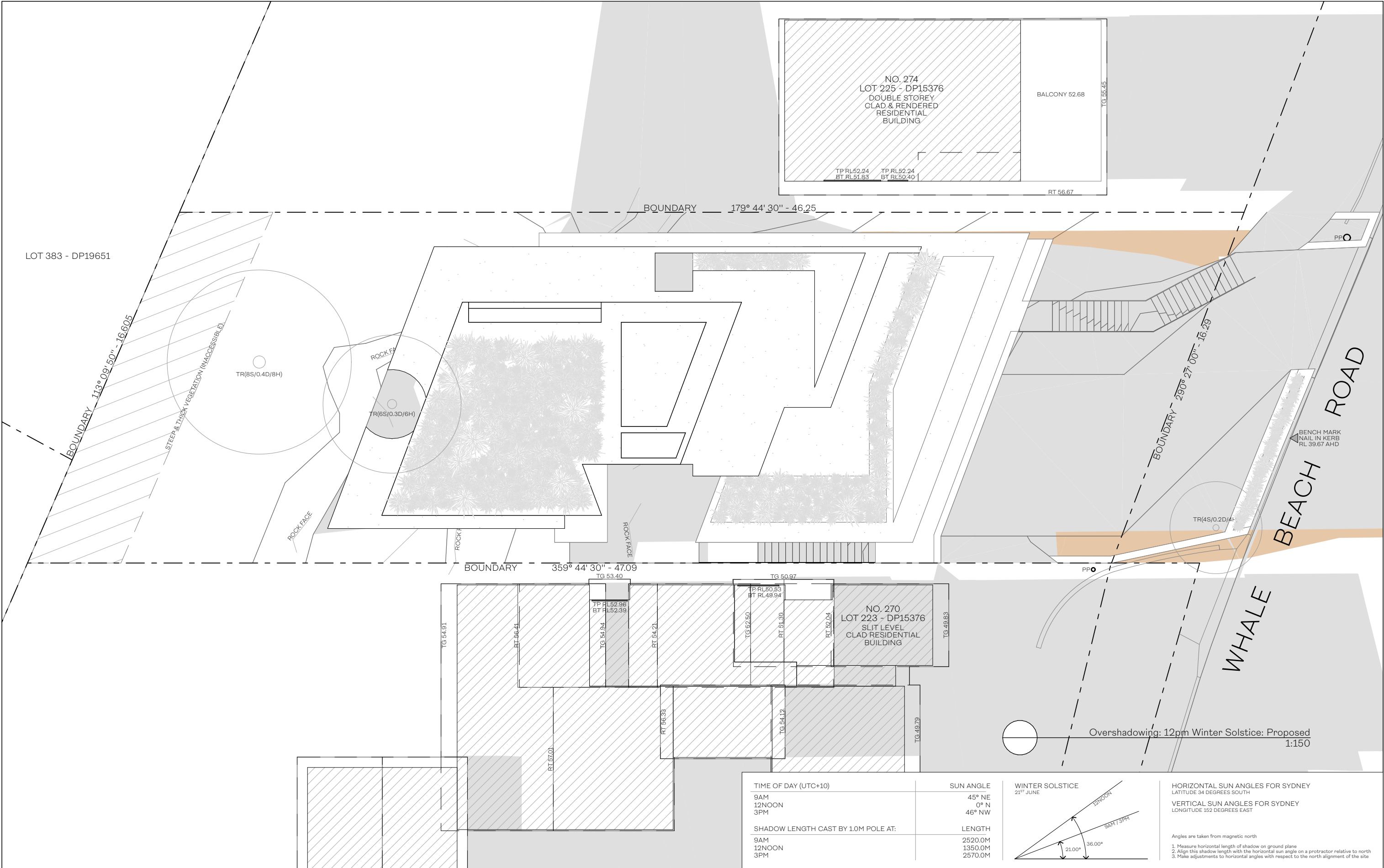
DRAWING
Overshadowing: 9am Winter Solstice

PROJECT
NEW BUILD
Whale Beach House

PROJECT STATUS
DA APPROVAL

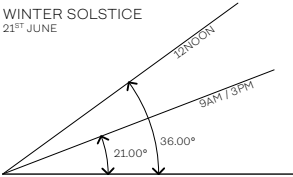
DRAWING ID
A502

REVISION
G



TIME OF DAY (UTC+10)	SUN ANGLE
9AM	45° NE
12NOON	0° N
3PM	46° NW
SHADOW LENGTH CAST BY 1.0M POLE AT:	LENGTH
9AM	2520.0M
12NOON	1350.0M
3PM	2570.0M

WINTER SOLSTICE
21 ST JUNE
12NOON
9AM / 3PM



HORIZONTAL SUN ANGLES FOR SYDNEY
LATITUDE 34 DEGREES SOUTH
VERTICAL SUN ANGLES FOR SYDNEY
LONGITUDE 152 DEGREES EAST

Angles are taken from magnetic north
1. Measure horizontal length of shadow on ground plane
2. Align this shadow length with the horizontal sun angle on a protractor relative to north
3. Make adjustments to horizontal angles with respect to the north alignment of the site



AVENUE ONE DESIGN

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DATE
23.12.2022

PROJECT NO.
AO242

SCALE
@A3

CLIENT
JASON & TANYA

PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW

DRAWING ISSUE	REVISION	DATE ISSUED
ISSUE FOR PRE. CONCEPT	A	29.08.2022
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ISSUE FOR DA APPROVAL	G	23.12.2022

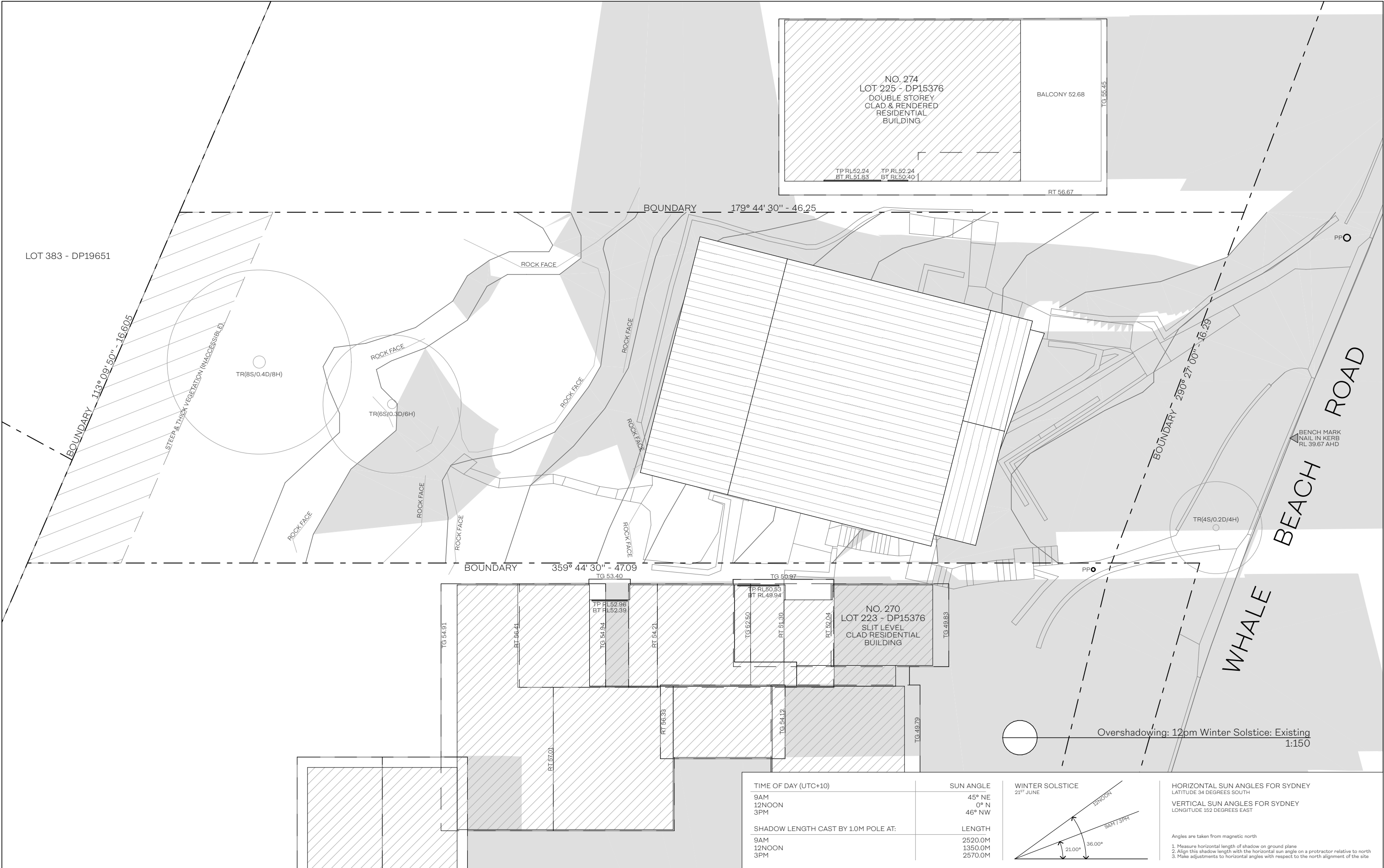
DRAWING
Overshadowing: 12pm Winter Solstice

PROJECT
NEW BUILD
Whale Beach House

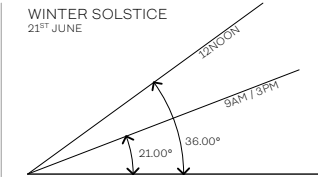
PROJECT STATUS
DA APPROVAL

DRAWING ID
A504

REVISION
G



TIME OF DAY (UTC+10)	SUN ANGLE
9AM	45° NE
12NOON	0° N
3PM	46° NW
SHADOW LENGTH CAST BY 1.0M POLE AT:	LENGTH
9AM	2520.0M
12NOON	1350.0M
3PM	2570.0M



HORIZONTAL SUN ANGLES FOR SYDNEY
LATITUDE 34 DEGREES SOUTH

VERTICAL SUN ANGLES FOR SYDNEY
LONGITUDE 152 DEGREES EAST

Angles are taken from magnetic north

1. Measure horizontal length of shadow on ground plane
2. Align this shadow length with the horizontal sun angle on a protractor relative to north
3. Make adjustments to horizontal angles with respect to the north alignment of the site




AVENUE ONE DESIGN

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DATE
23.12.2022

PROJECT NO.
AO242

SCALE
@A3

CLIENT
JASON & TANYA

PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW

DRAWING ISSUE	REVISION	DATE ISSUED
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ISSUE FOR DA APPROVAL	G	23.12.2022

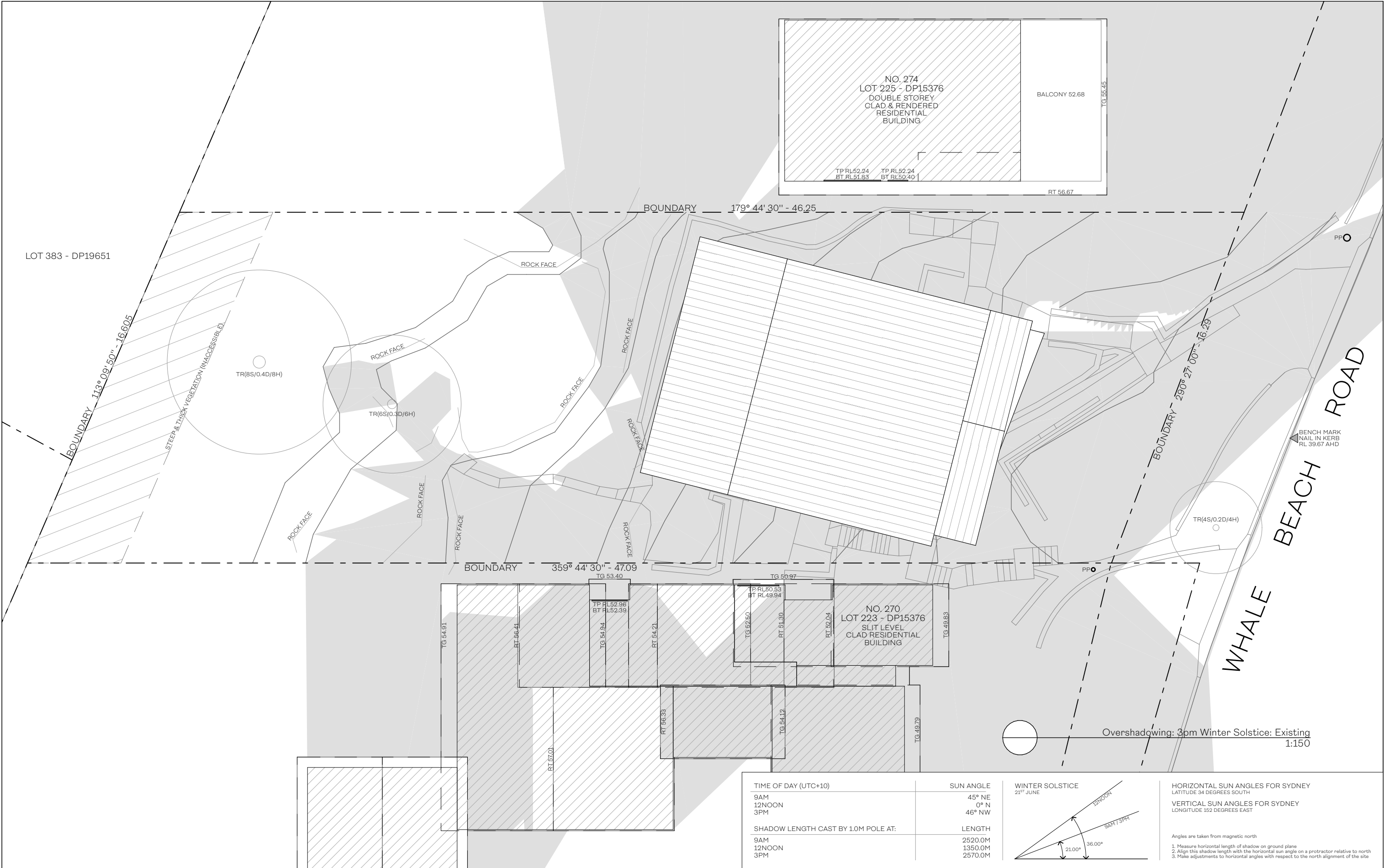
DRAWING
Overshadowing: 12pm Winter Solstice

PROJECT
NEW BUILD
WHALE BEACH HOUSE

PROJECT STATUS
DA APPROVAL

DRAWING ID
A503

REVISION
G





AVENUE ONE DESIGN
A: 3/18 HUTCHINSON STREET
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DATE
23.12.2022

PROJECT NO.
AO242

SCALE
@A3

CLIENT
JASON & TANYA

PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW

DRAWING ISSUE	REVISION	DATE ISSUED
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ISSUE FOR DA APPROVAL	F	22.12.2022
ISSUE FOR DA APPROVAL	G	23.12.2022

DRAWING
Overshadowing: 3pm Winter Solstice

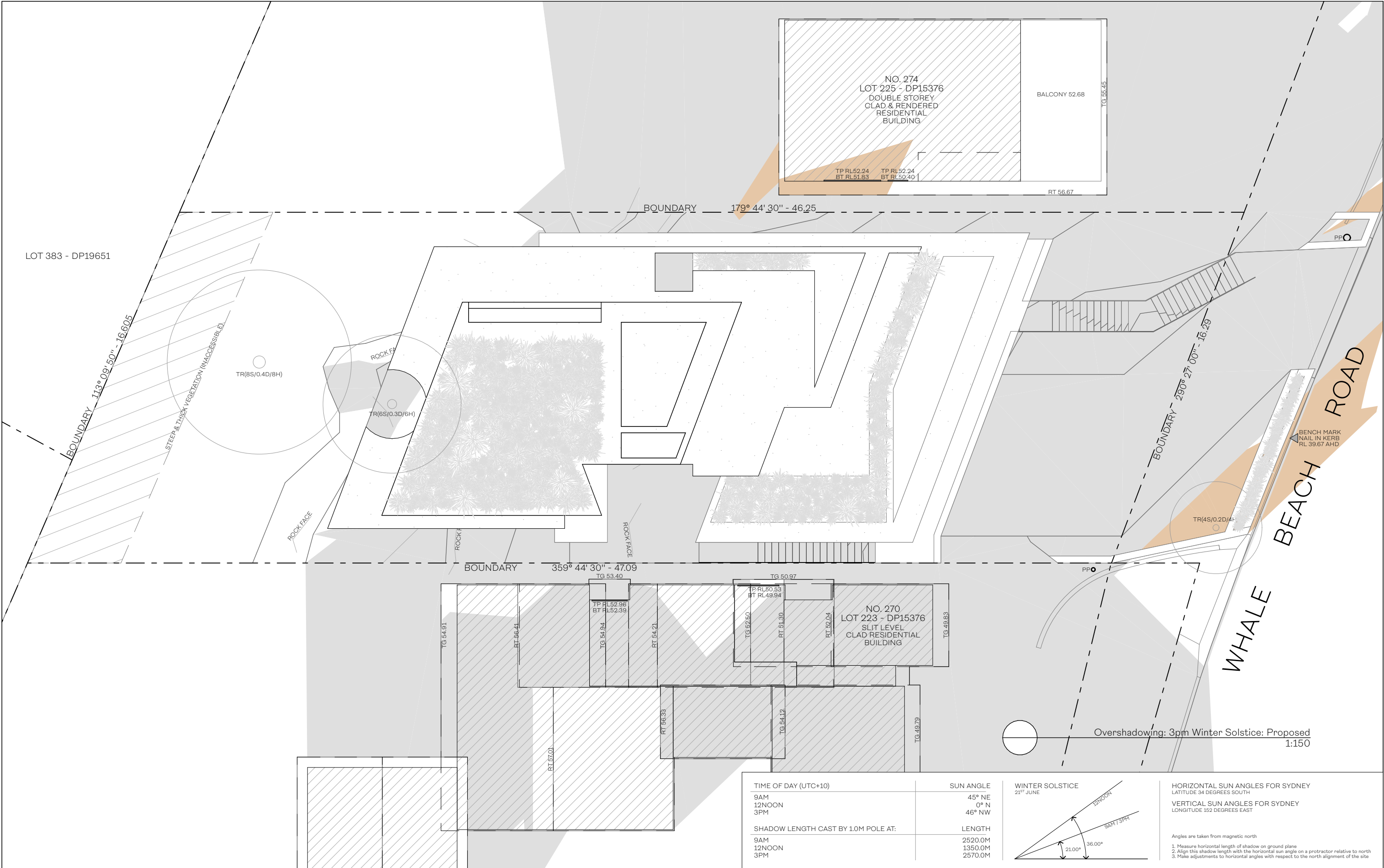
PROJECT
Whale Beach House

OVERSHADOWING PLANS
NEW BUILD

PROJECT STATUS
DA APPROVAL

DRAWING ID
A505

REVISION
G



TIME OF DAY (UTC+10)		SUN ANGLE	<div>WINTER SOLSTICE 21ST JUNE</div>
9AM		45° NE	
12NOON		0° N	
3PM		46° NW	
SHADOW LENGTH CAST BY 1.0M POLE AT:		LENGTH	<div>HORIZONTAL SUN ANGLES FOR SYDNEY LATITUDE 34 DEGREES SOUTH</div> <div>VERTICAL SUN ANGLES FOR SYDNEY LONGITUDE 152 DEGREES EAST</div> <div>Angles are taken from magnetic north</div> <div>1. Measure horizontal length of shadow on ground plane</div> <div>2. Align this shadow length with the horizontal sun angle on a protractor relative to north</div> <div>3. Make adjustments to horizontal angles with respect to the north alignment of the site</div>
9AM		2520.0M	
12NOON		1350.0M	
3PM		2570.0M	



AVENUE ONE DESIGN

A: 3/18 HUTCHINSON STREET
SURREY HILLS, NSW
P: +612 9054 1234
E: TOBY@AVENUEONEDSIGN.COM.AU
W: AVENUEONEDSIGN.COM.AU

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DATE
23.12.2022

PROJECT NO.
AO242

SCALE
@A3

CLIENT
JASON & TANYA

PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW

DRAWING ISSUE	REVISION	DATE ISSUED
ISSUE FOR PRE. CONCEPT	A	29.08.2022
ISSUE FOR PRE. CONCEPT	B	19.09.2022
ISSUE FOR CONCEPT	C	21.09.2022
ISSUE FOR DA APPROVAL	D	04.11.2022
ISSUE FOR DA APPROVAL	E	20.12.2022
ISSUE FOR DA APPROVAL	F	22.12.2022
ISSUE FOR DA APPROVAL	G	23.12.2022

DRAWING

OVERSHADOWING PLANS

Overshadowing: 3pm Winter Solstice

PROJECT

NEW BUILD

Whale Beach House

PROJECT STATUS

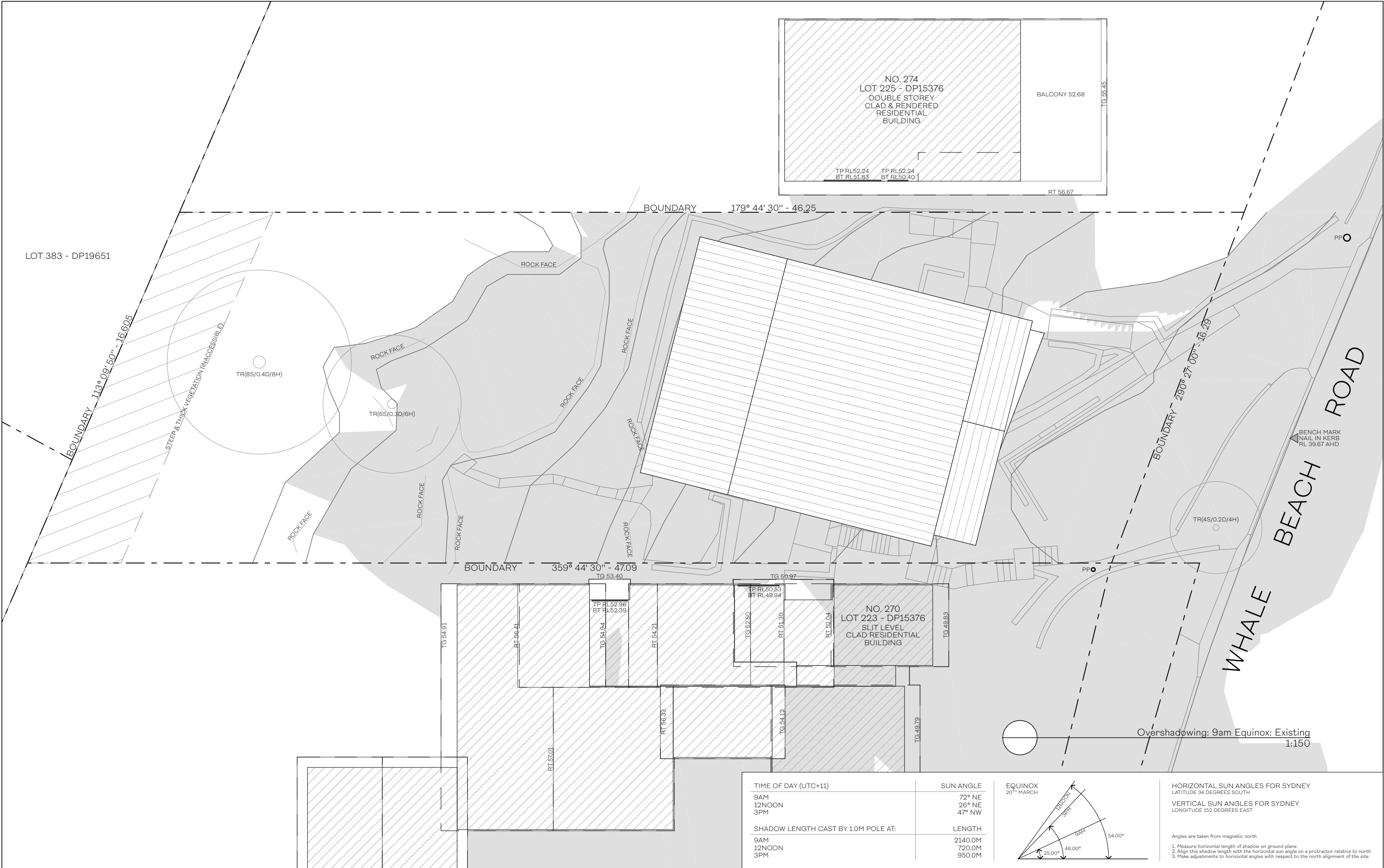
DA APPROVAL


DRAWING ID

REVISION

A506

G





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DATE
23.12.2022
PROJECT NO.
AO242
SCALE
@A3

CLIENT
JASON & TANYA
PROJECT ADDRESS
272 WHALE BEACH ROAD
WHALE BEACH, NSW

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ISSUE FOR DA APPROVAL	G	23.12.2022

DRAWING OVERSHADOWING PLANS

Overshadowing: 9am Equinox

PROJECT

NEW BUILD

Whale Beach House

PROJECT STATUS
DA APPROVAL

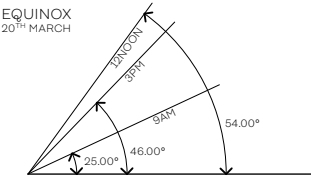
DRAWING ID

REVISION

A507

G

TIME OF DAY (UTC+11)	SUN ANGLE
9AM	72° NE
12NOON	26° NE
3PM	47° NW
SHADOW LENGTH CAST BY 1.0M POLE AT:	LENGTH
9AM	2140.0M
12NOON	720.0M
3PM	950.0M

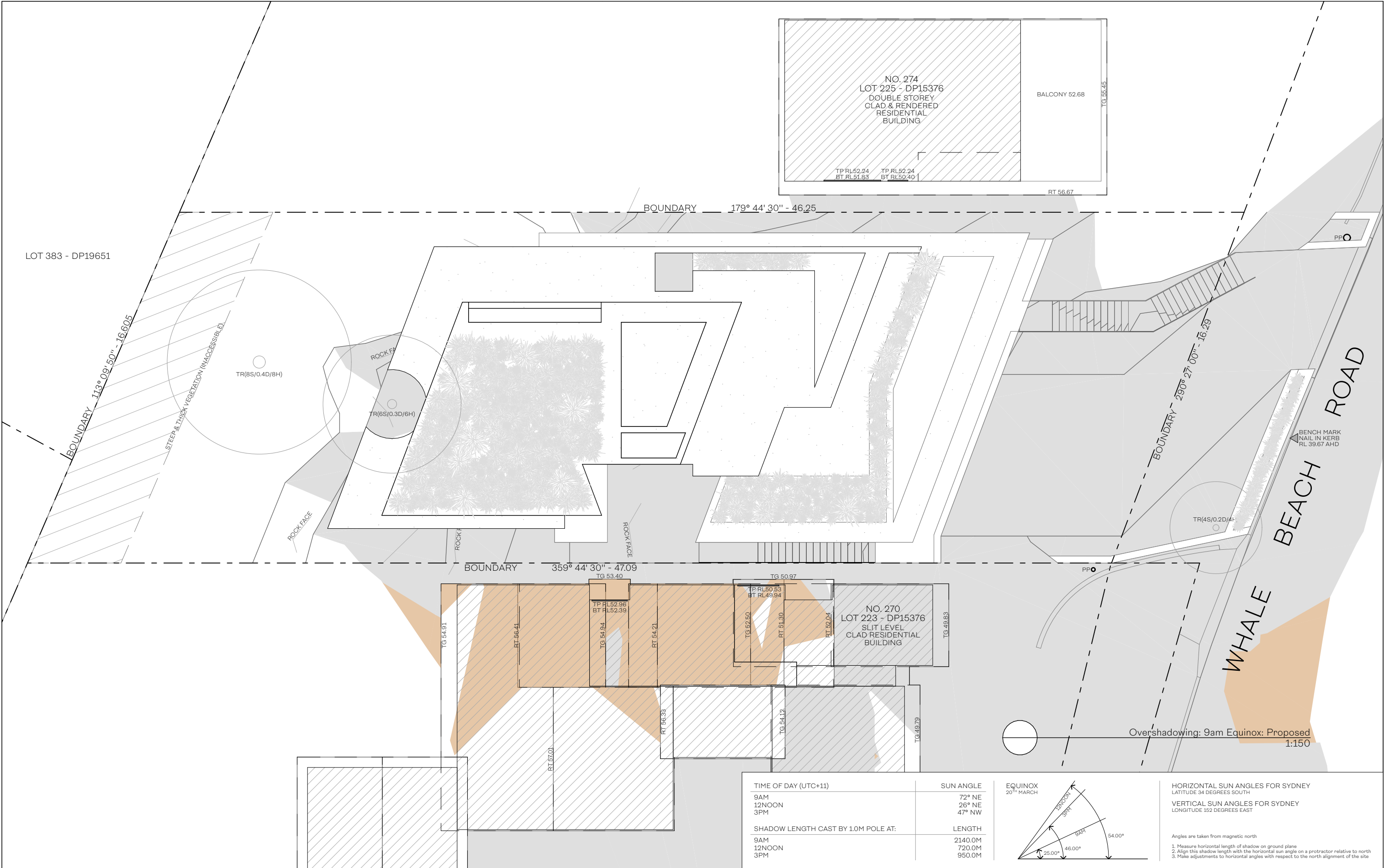


HORIZONTAL SUN ANGLES FOR SYDNEY
LATITUDE 34 DEGREES SOUTH

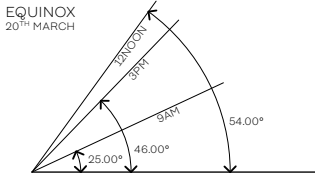
VERTICAL SUN ANGLES FOR SYDNEY
LONGITUDE 152 DEGREES EAST

Angles are taken from magnetic north

1. Measure horizontal length of shadow on ground plane
2. Align this shadow length with the horizontal sun angle on a protractor relative to north
3. Make adjustments to horizontal angles with respect to the north alignment of the site



TIME OF DAY (UTC+11)		SUN ANGLE
9AM		72° NE
12NOON		26° NE
3PM		47° NW
SHADOW LENGTH CAST BY 1.0M POLE AT:		LENGTH
9AM		2140.0M
12NOON		720.0M
3PM		950.0M




HORIZONTAL SUN ANGLES FOR SYDNEY
LATITUDE 34 DEGREES SOUTH

VERTICAL SUN ANGLES FOR SYDNEY
LONGITUDE 152 DEGREES EAST

Angles are taken from magnetic north

1. Measure horizontal length of shadow on ground plane
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DRAWING OVERSHADOWING PLANS

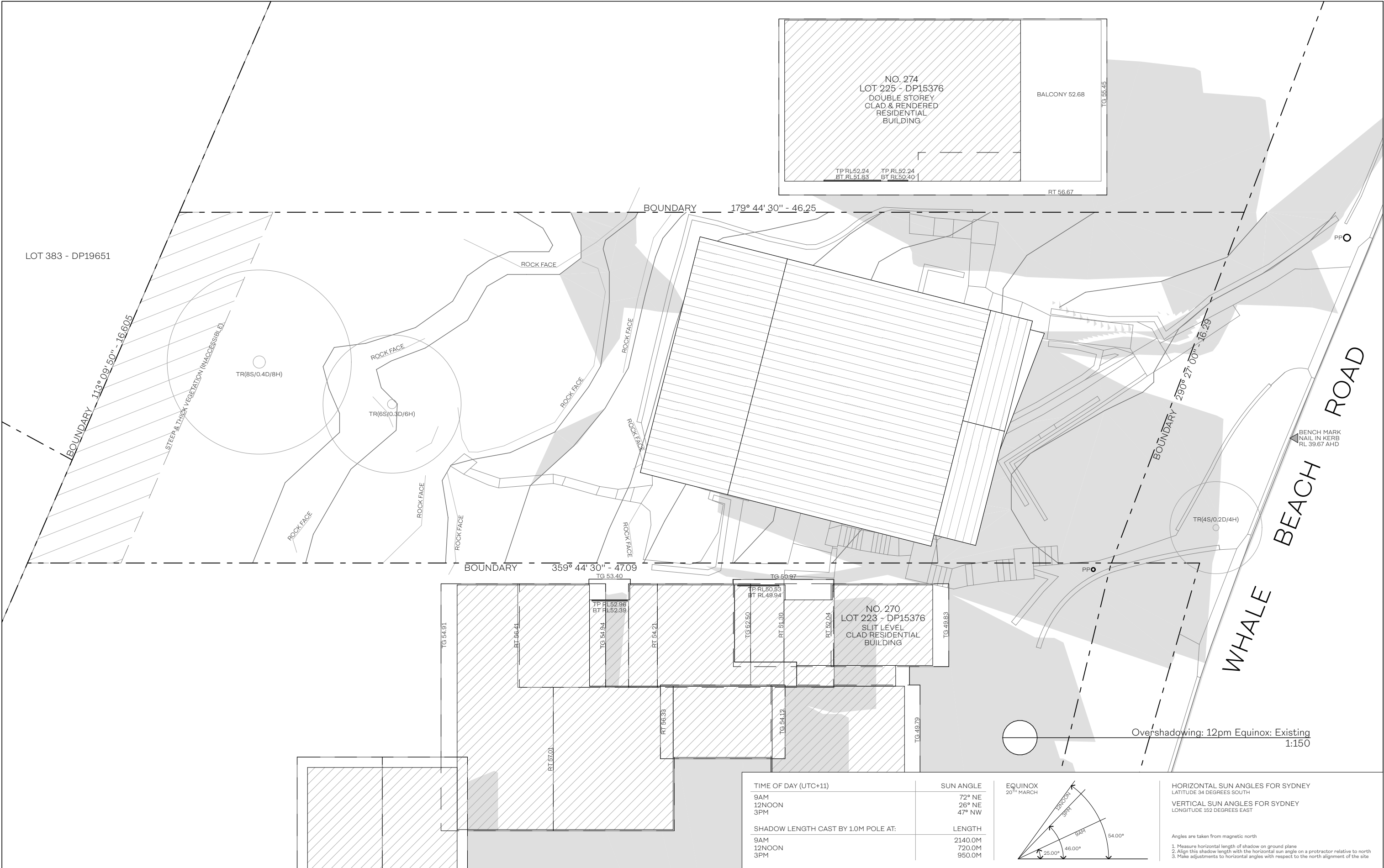
Overshadowing: 9am Equinox

PROJECT NEW BUILD

Whale Beach House

PROJECT STATUS
DA APPROVAL

DRAWING ID REVISION
A508 G



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SCALE
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272 WHALE BEACH ROAD
WHALE BEACH, NSW

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DRAWING OVERSHADOWING PLANS

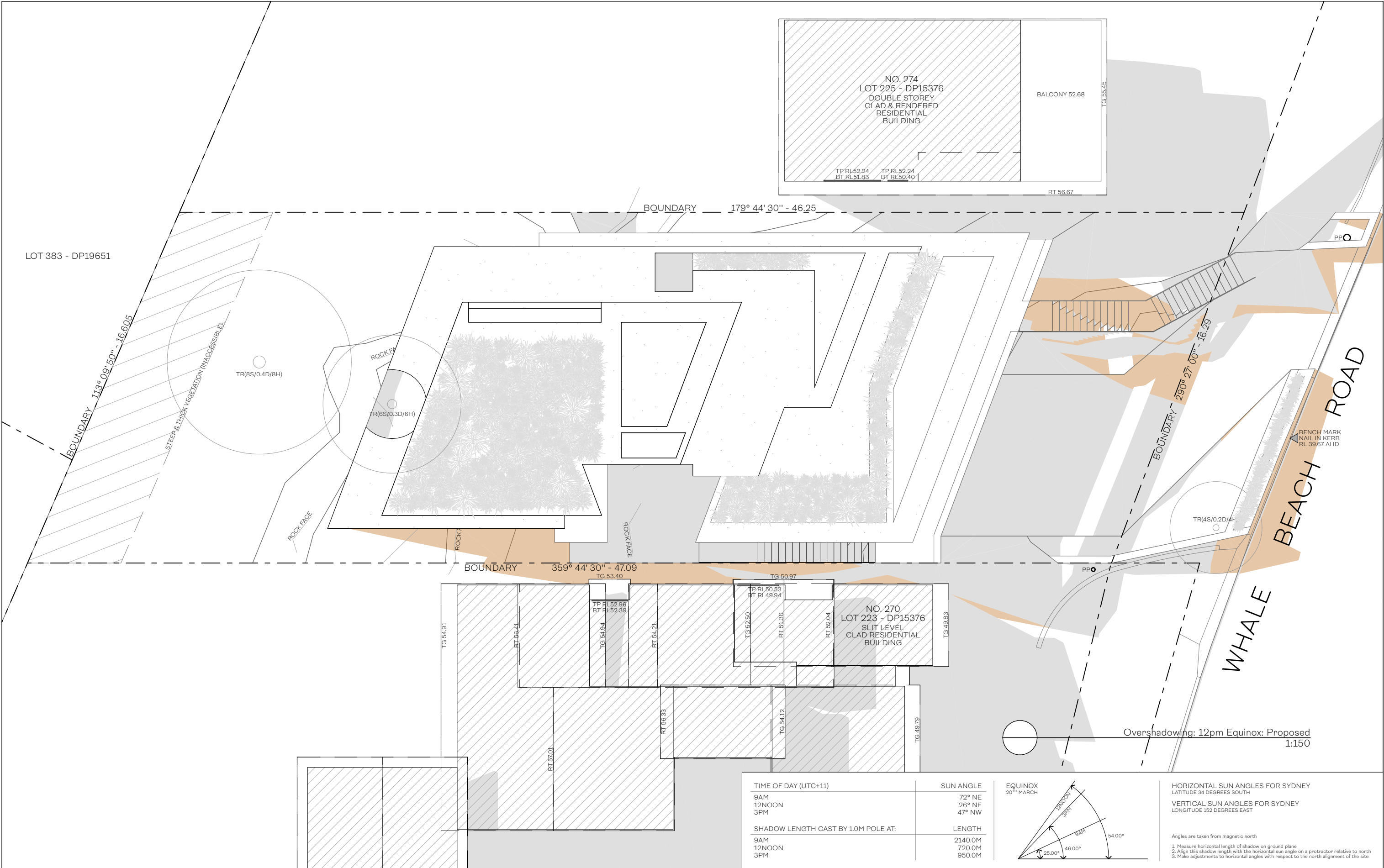
Overshadowing: 12pm Equinox

PROJECT NEW BUILD

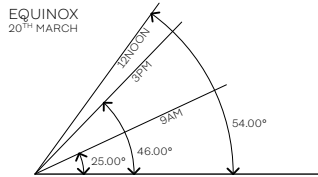
WHALE BEACH HOUSE

PROJECT STATUS
DA APPROVAL

DRAWING ID REVISION
A509 G



TIME OF DAY (UTC+11)	SUN ANGLE
9AM	72° NE
12NOON	26° NE
3PM	47° NW
SHADOW LENGTH CAST BY 1.0M POLE AT:	LENGTH
9AM	2140.0M
12NOON	720.0M
3PM	950.0M



HORIZONTAL SUN ANGLES FOR SYDNEY
LATITUDE 34 DEGREES SOUTH

VERTICAL SUN ANGLES FOR SYDNEY
LONGITUDE 152 DEGREES EAST

Angles are taken from magnetic north

1. Measure horizontal length of shadow on ground plane
2. Align this shadow length with the horizontal sun angle on a protractor relative to north
3. Make adjustments to horizontal angles with respect to the north alignment of the site



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ISSUE FOR DA APPROVAL	G	23.12.2022

DRAWING OVERSHADOWING PLANS

Overshadowing: 12pm Equinox

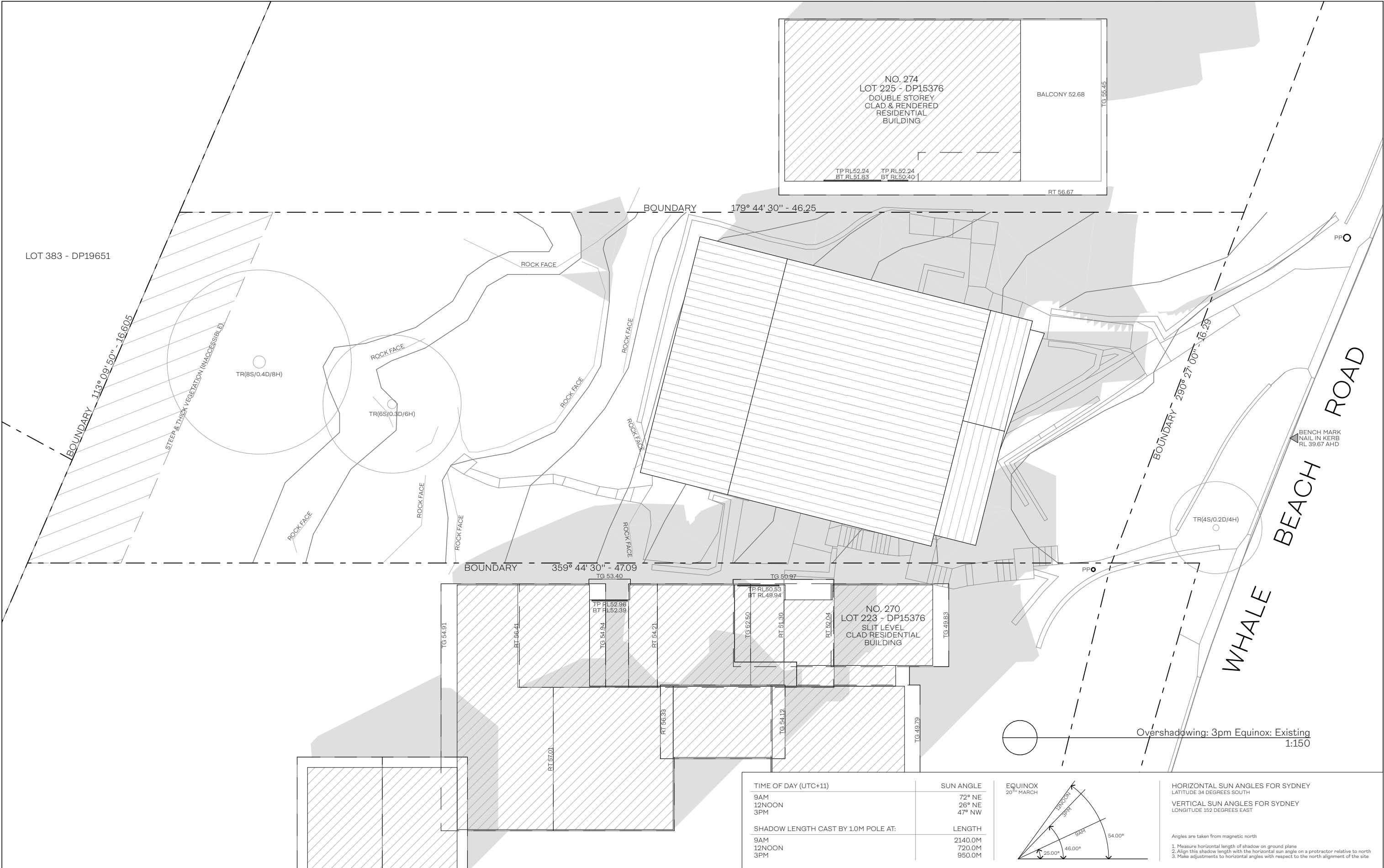
PROJECT NEW BUILD

Whale Beach House

PROJECT STATUS
DA APPROVAL

DRAWING ID
A510

REVISION
G



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ISSUE FOR DA APPROVAL	G	23.12.2022

DRAWING OVERSHADOWING PLANS

Overshadowing: 3pm Equinox

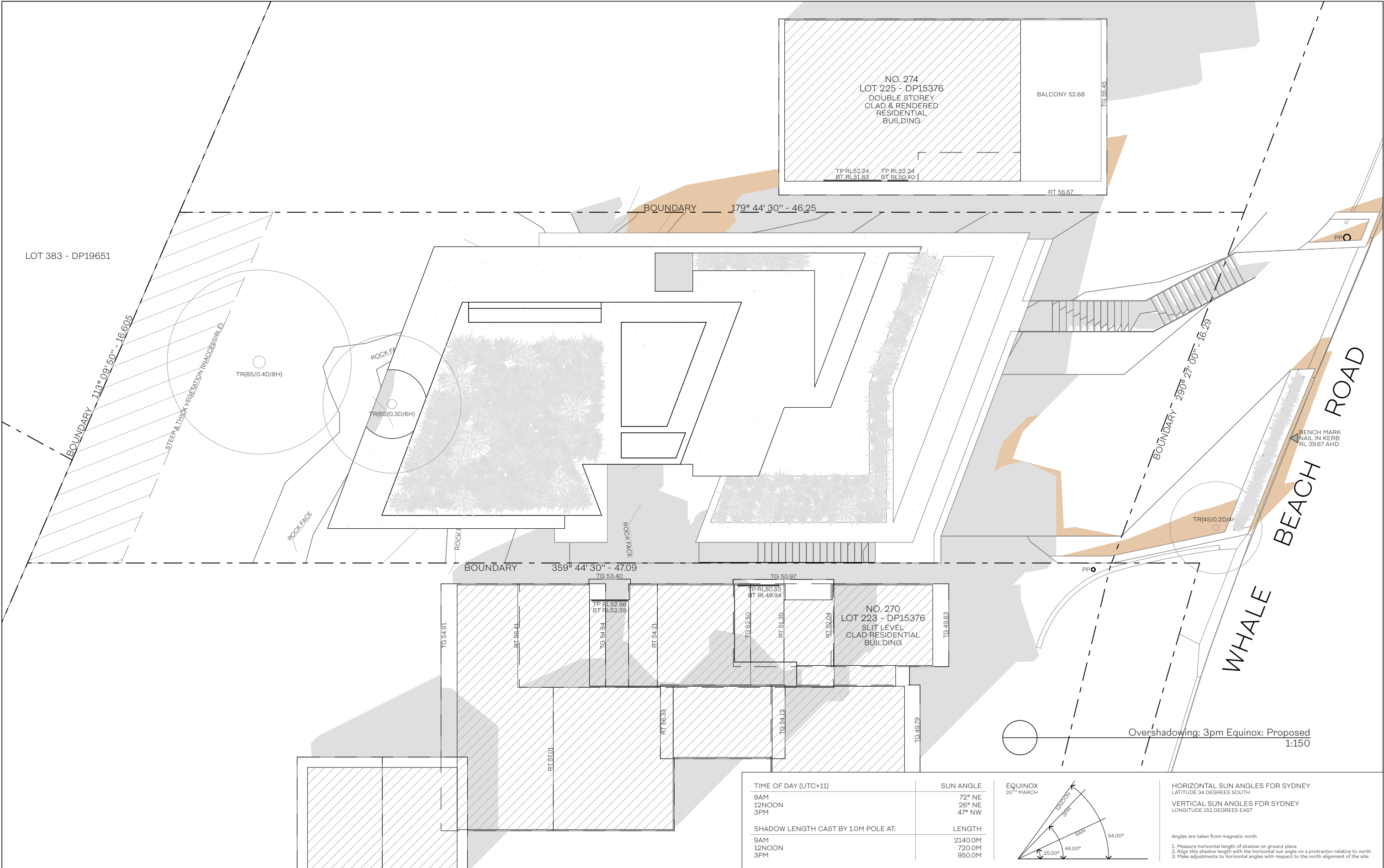
PROJECT NEW BUILD


WHALE BEACH HOUSE

PROJECT STATUS
DA APPROVAL

DRAWING ID
A511

REVISION
G






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DRAWING OVERSHADOWING PLANS
Overshadowing: 3pm Equinox
PROJECT NEW BUILD
Whale Beach House

PROJECT STATUS
DA APPROVAL
DRAWING ID
A512
REVISION
G