DEVELOPMENT APPLICATION

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ISSUE DETAILS

A 24.12.2024	ISSUED FOR DEVELOPMENT APPLICATION
B 30.04.2024	ISSUED FOR LETTER OF ASSESSMENT
C 22.06.2025	ISSUED FOR LETTER OF ASSESSMENT





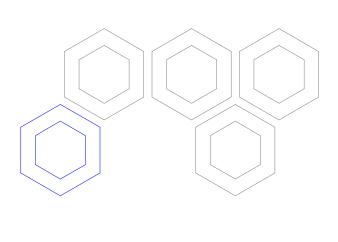
ADDITIONAL INFORMATION

A01	OWNER'S CONSENT FORM
A02	SURVEY PLAN
A03	STORMWATER PLAN
A04	STORMWATER SYSTEM REPORT
A05	BASIX & NATHERS CERTIFICATION
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A07	GEOTECHNICAL REPORT
A08	ARBORICULTURAL IMPACT ASSESSMENT
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A09	CLAUSE 4.6 VARIATION
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A15	FLORA AND FAUNA REPORT
A16	STRUCTURAL CEFTIFICATE FOR EXISING BUILDING

ALTERATIONS AND ADDITIONS

5 VILLIERS ROAD, HEIGHTS NSW 2211

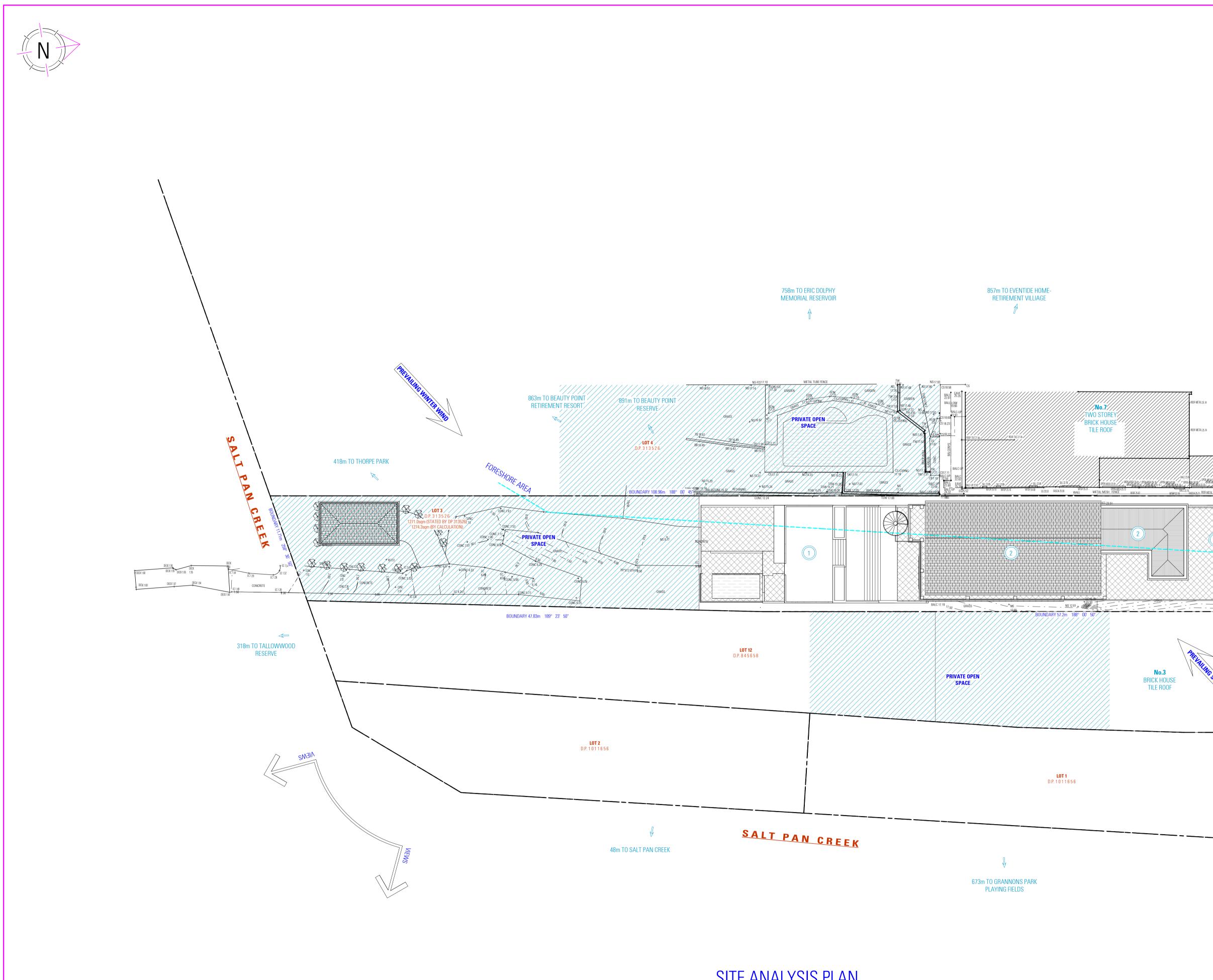
SAM KHOURY







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SITE ANALYSIS PLAN

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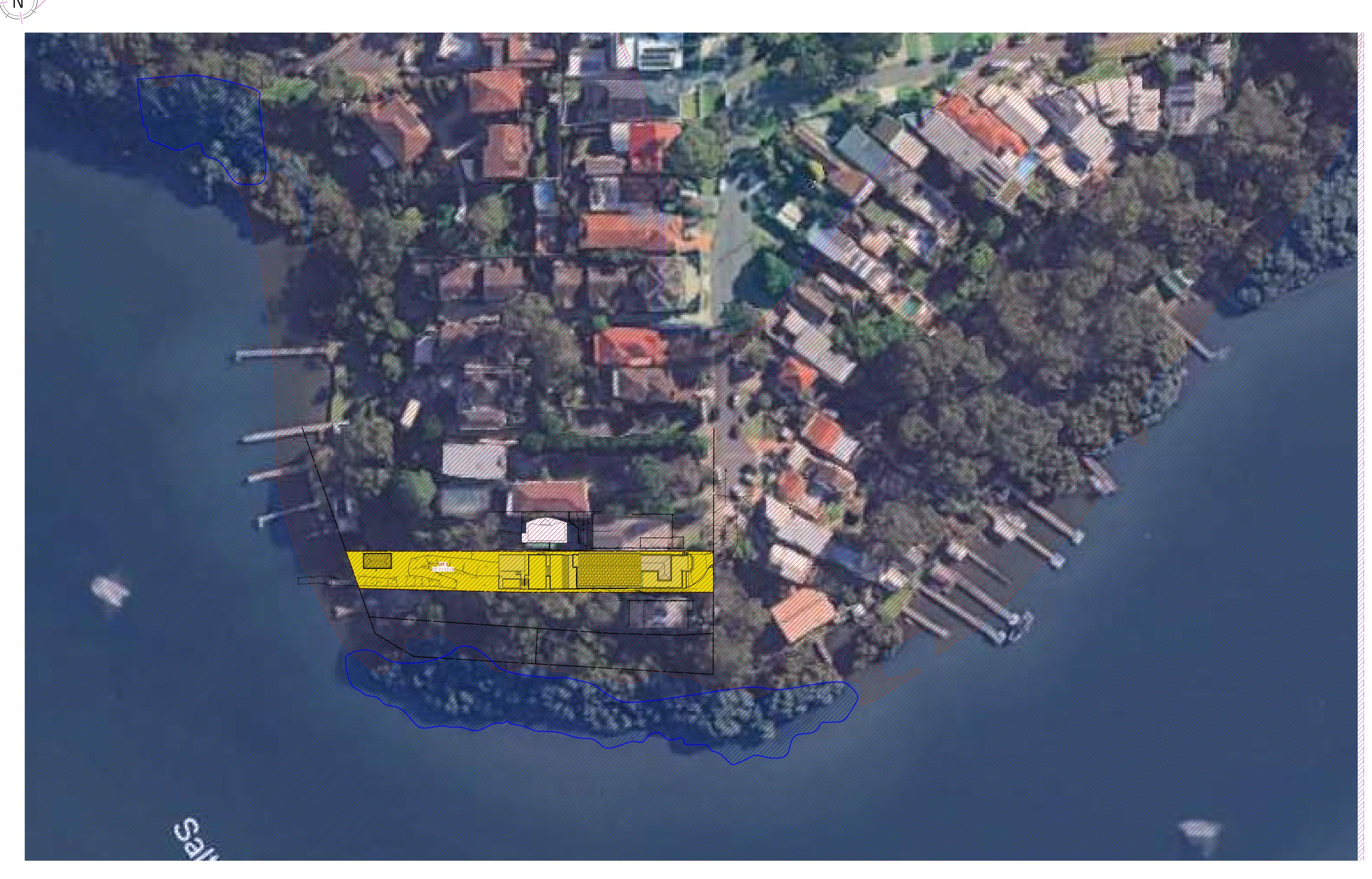
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VIEWS		

ALTERATIONS AND ADDITIONS	D R A W I N G
5 VILLIERS ROAD, HEIGHTS NSW 2211	SITE ANALYSIS PLAN
 BENITA ZEAITER FARAH KAYAL SAM KHOURY	SCALE 1:200 / A1 ISSUE C 22.06.2025 DWG



LEGENI ITEM SITE BOUNDARY COASTAL WETLANDS AREA MAP COASTAL ENVIRONMENTAL AREA MAP COASTAL USE AREA MAP

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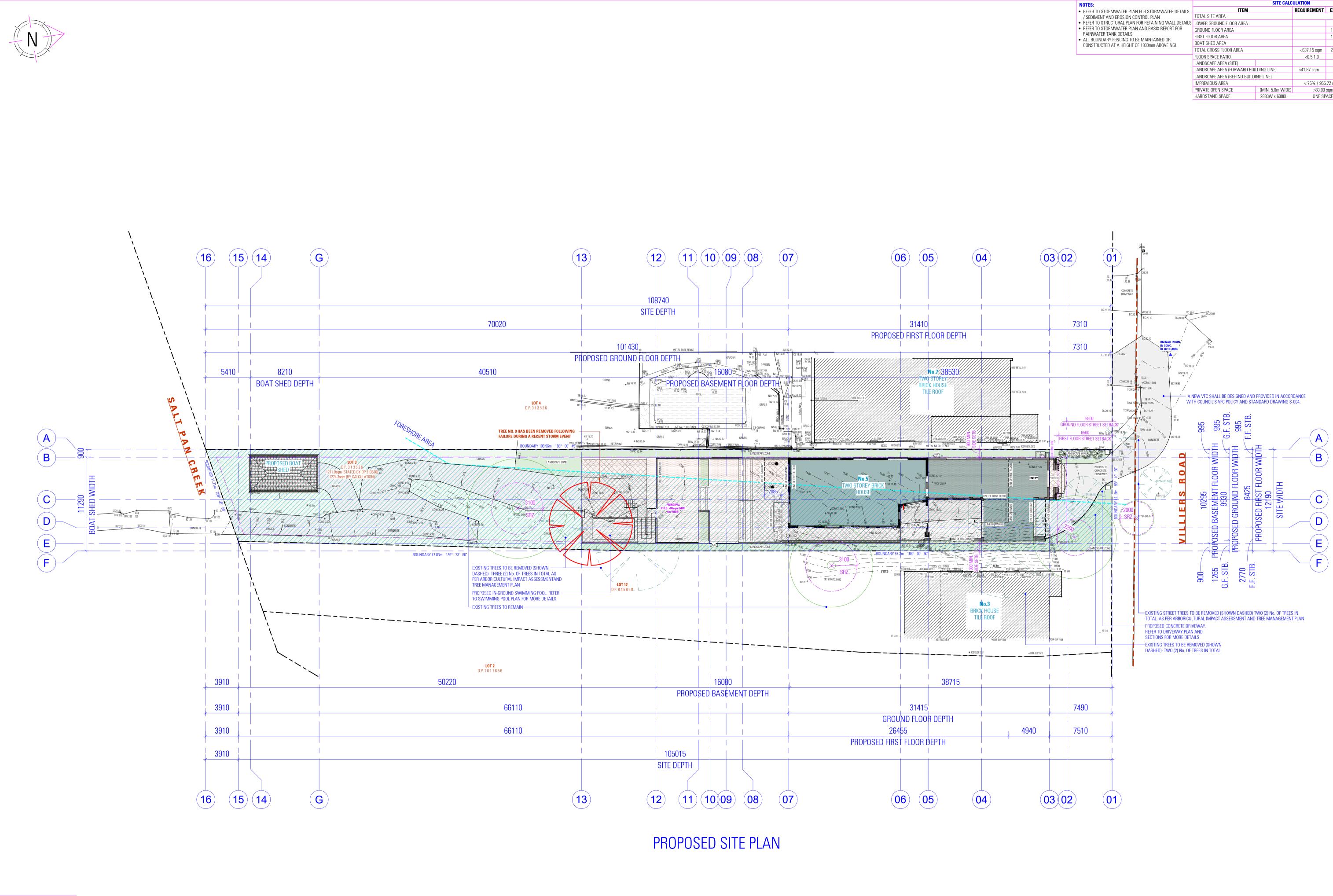


DOOO ACCREDITED Building Designer DESIGN BENITA ZEAITER DRAFTED FARAH KAYAL

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ALTERATIONS AND ADDITIONS DRAWING 5 VILLIERS ROAD, HEIGHTS NSW 2211 COASTAL AREA ANALYSIS PLAN

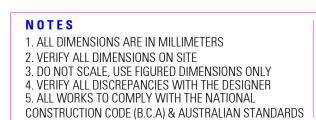
SCALEAsA1SAM KHOURYISSUEC 22.06.2025



LEGEND ITEM **SYMBO** GROUND FLOOR AREA LINE OF FIRST FLOOR NEW WORKS SITE BOUNDARY _ _ _ _ COMPLIANCE LINE COMPLIANCE DIMENSION \square NEIGHBOURING BUILDINGS

GRASS ZONE

LANDSCAPING ZONE



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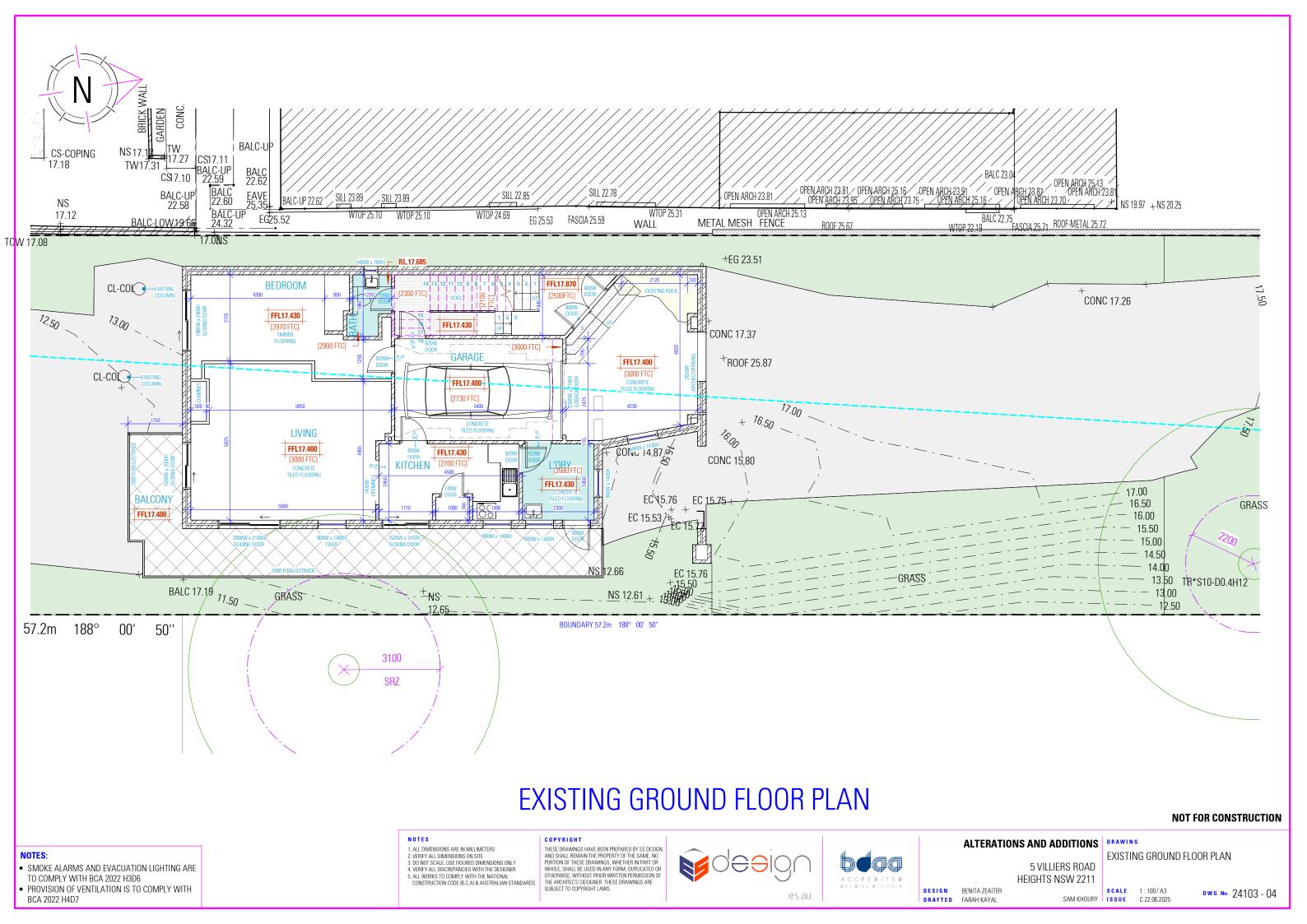


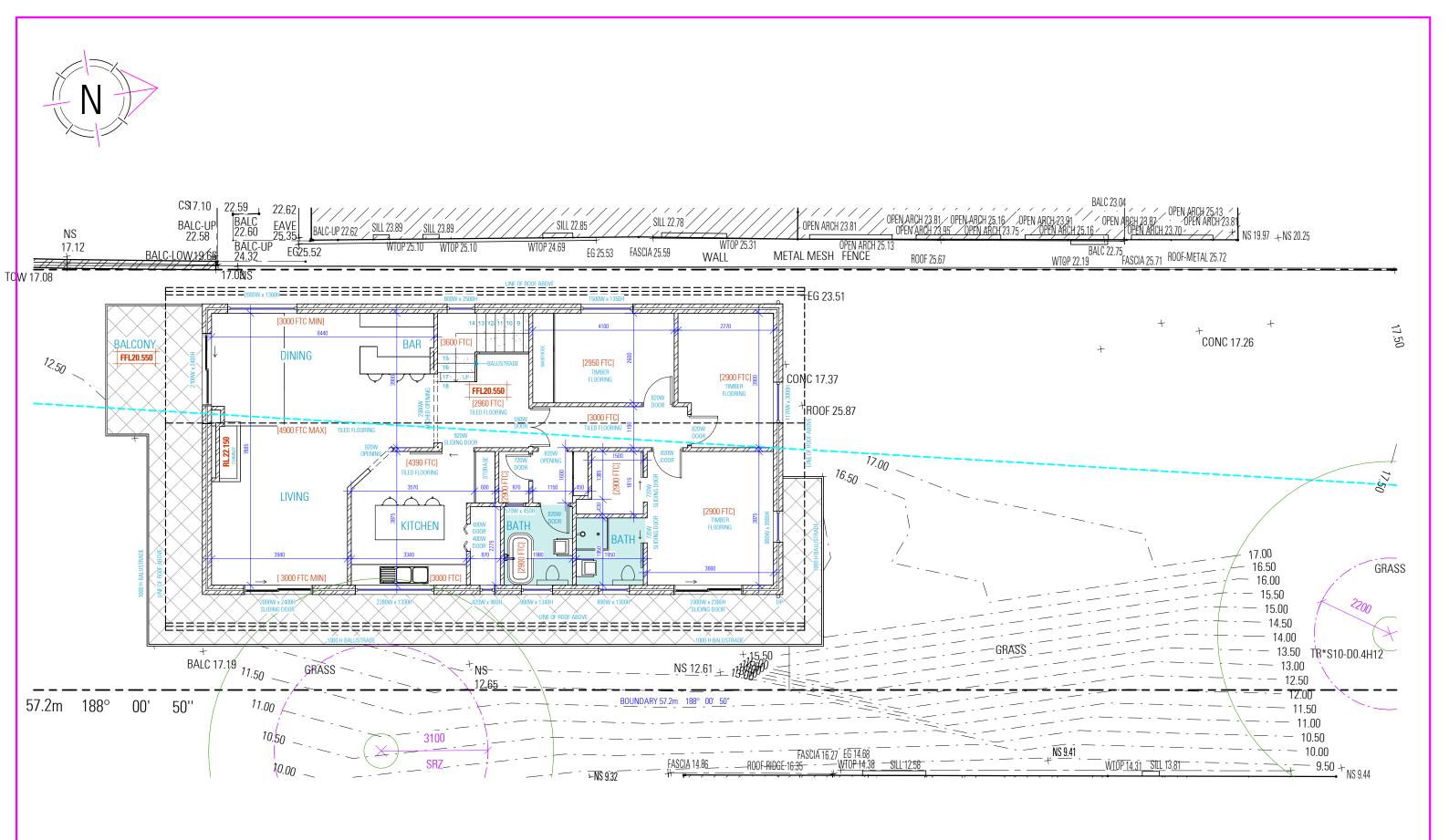


bdaa

CREDITED

NOTES:	SITE CALCULATION					
REFER TO STORMWATER PLAN FOR STORMWATER DETAILS	ITEM R		REQUIREMENT	EXISTING	PROPOSED	
/ SEDIMENT AND EROSION CONTROL PLAN	TOTAL SITE AREA				1274.3sqm	
	LOWER GROUND FLOOR AREA			- sqm	149.87sqm	
	GROUND FLOOR AREA			103.55sqm	213.02sqm	
RAINWATER TANK DETAILS • ALL BOUNDARY FENCING TO BE MAINTAINED OR	FIRST FLOOR AREA			124.44sqm	165.39sqm	
CONSTRUCTED AT A HEIGHT OF 1800mm ABOVE NGL	BOAT SHED AREA			- sqm	28.72 sqm	
	TOTAL GROSS FLOOR AREA		<637.15 sqm	227.99sqm	557sqm	
	FLOOR SPACE RATIO		<0.5:1.0		0.43:1.0	
	LANDSCAPE AREA (SITE)				452.74sqm	
	LANDSCAPE AREA (FORWARD BUILDING LINE)		>41.87 sqm		46.70sqm	
	LANDSCAPE AREA (BEHIND BUILDING LINE)				413.00sqm	
	IMPREVIOUS AREA		< 75% (955.	72 m²)	866.87 m ²	
	PRIVATE OPEN SPACE	(MIN. 5.0m WIDE)	>80.00 :	sqm	>80.00 sqm	
	HARDSTAND SPACE	2883W x 6000L	ONE SP/	ACE	TWO SPACES	





EXISTING FIRST FLOOR PLAN

NOTES:

- SMOKE ALARMS AND EVACUATION LIGHTING ARE
- TO COMPLY WITH BCA 2022 H3D6
- PROVISION OF VENTILATION IS TO COMPLY WITH

BCA 2022 H4D7

NOTES

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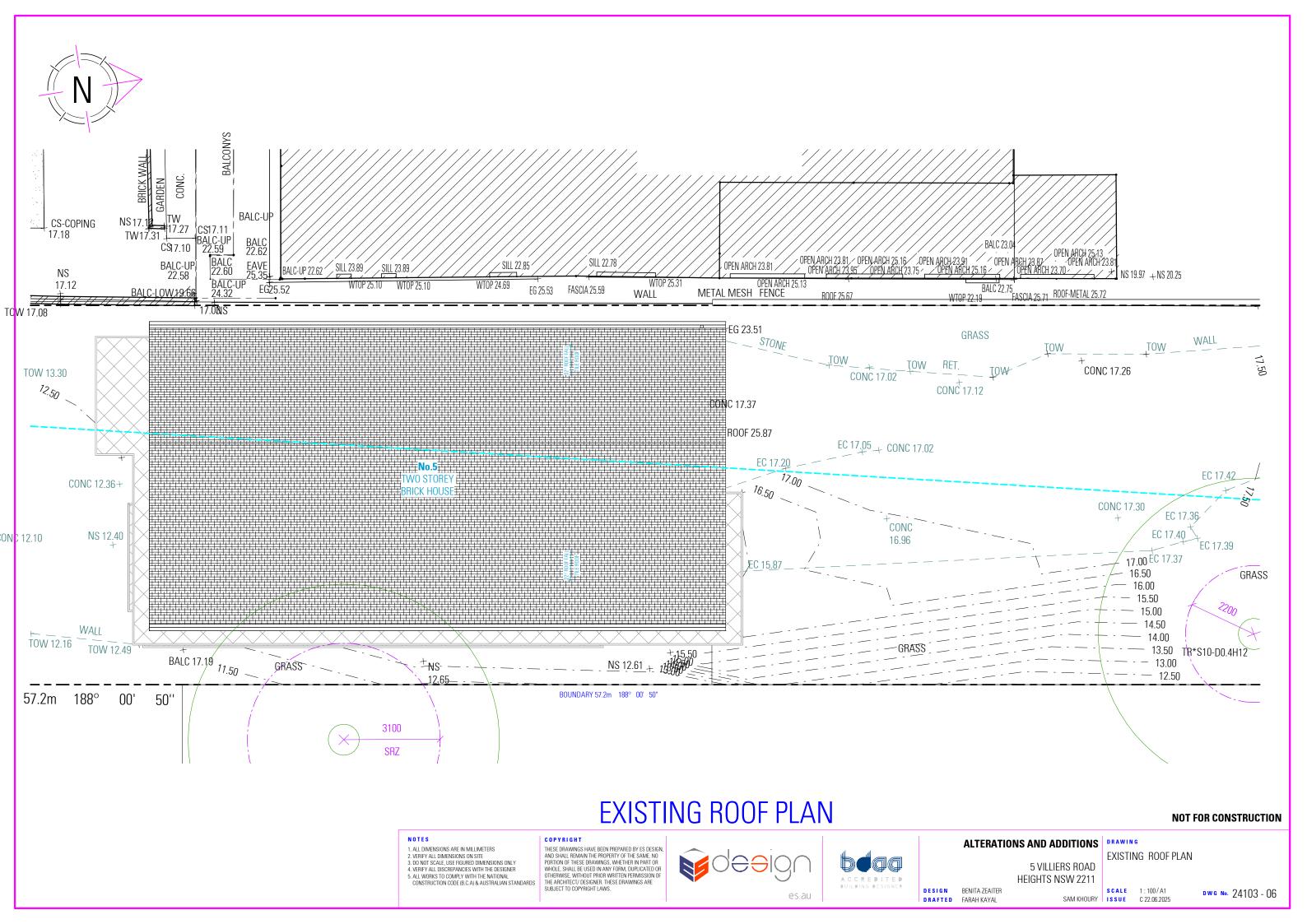
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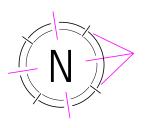
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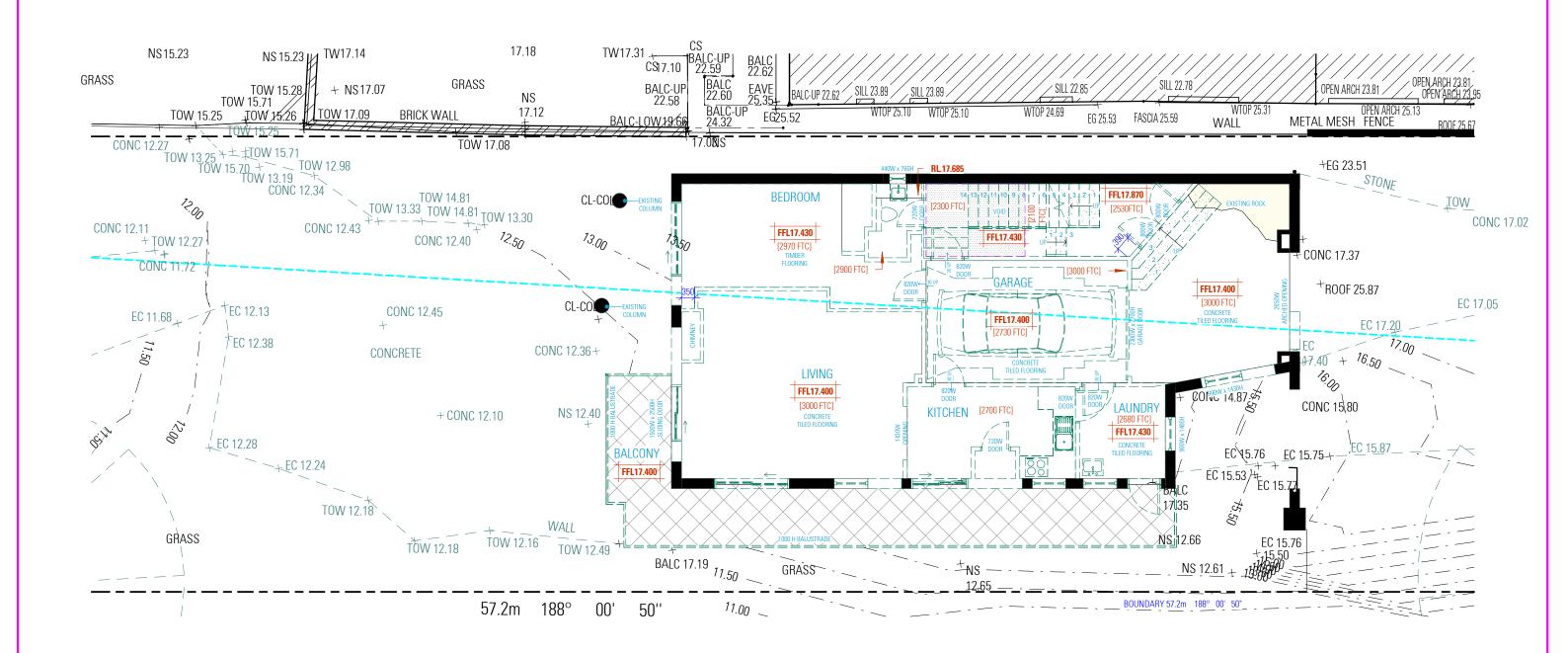
ALTERATIONS AND ADDITIONS EXISTING FIRST FLOOR PLAN **5 VILLIERS ROAD** HEIGHTS NSW 2211

SAM KHOURY ISSUE

DWG №. 24103 - 05







DEMOLITION GROUND FLOOR PLAN

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• SMOKE ALARMS AND EVACUATION LIGHTING ARE

NOTES:

- TO COMPLY WITH BCA 2022 H3D6 • PROVISION OF VENTILATION IS TO COMPLY WITH
- BCA 2022 H4D7

DRAFTED FARAH KAYAL

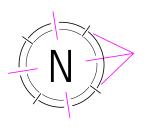
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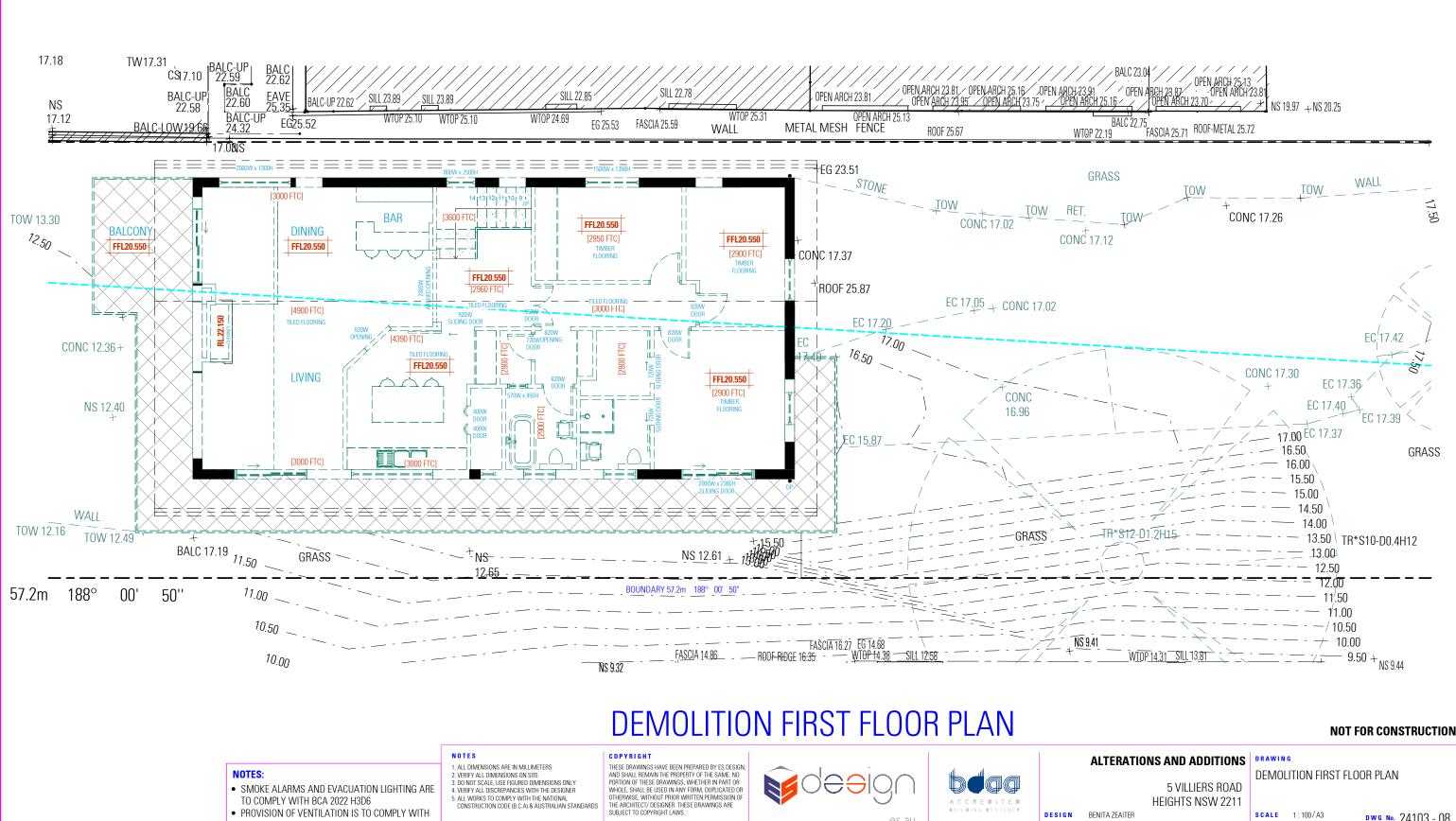
ALTERATIONS AND ADDITIONS DEMOLITION GROUND FLOOR PLAN

5 VILLIERS ROAD HEIGHTS NSW 2211

SAM KHOURY ISSUE

SCALE 1:100/A3 C 22.06.2025 DWG No. 24103 - 07





- TO COMPLY WITH BCA 2022 H3D6 PROVISION OF VENTILATION IS TO COMPLY WITH
- BCA 2022 H4D7

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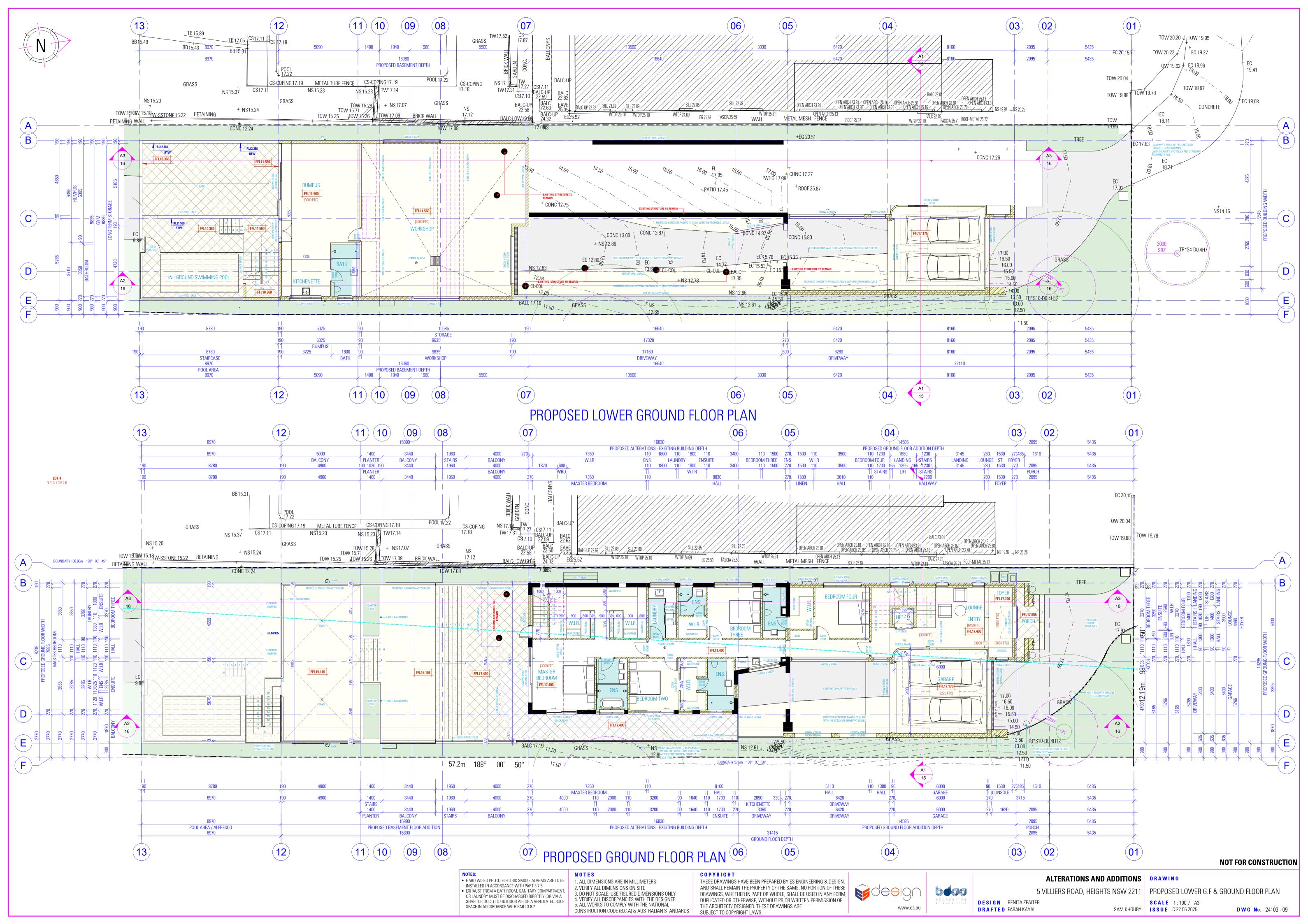


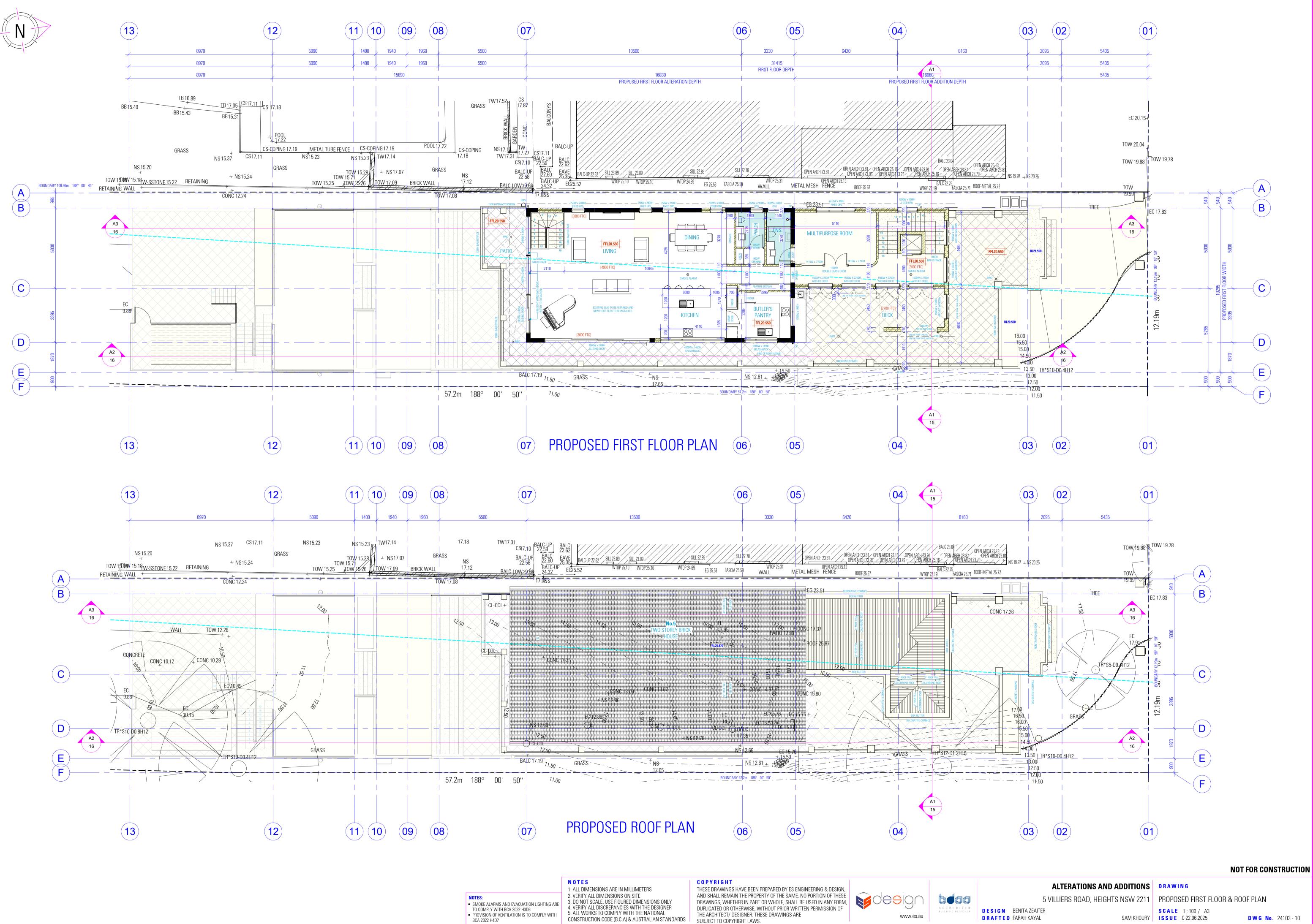


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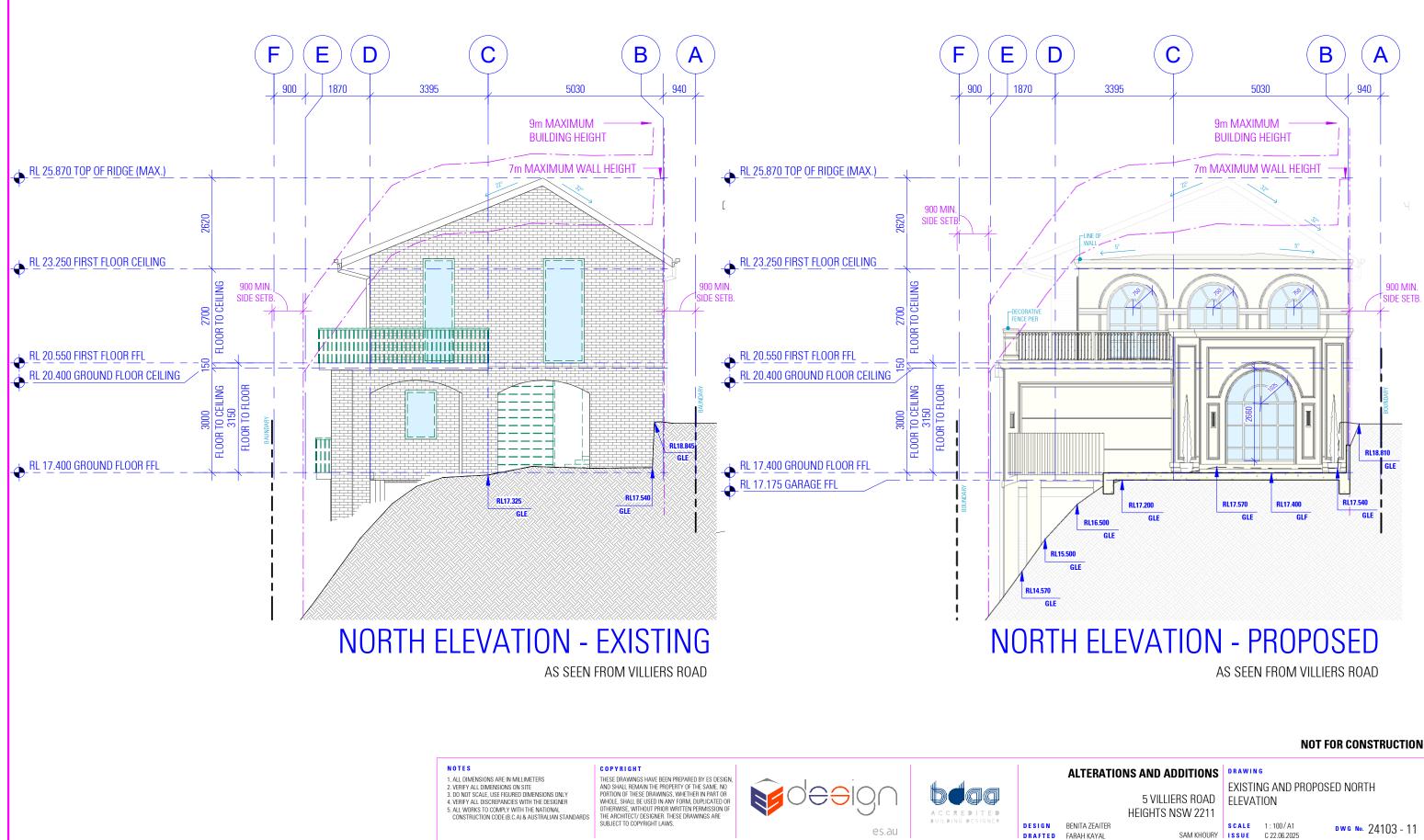
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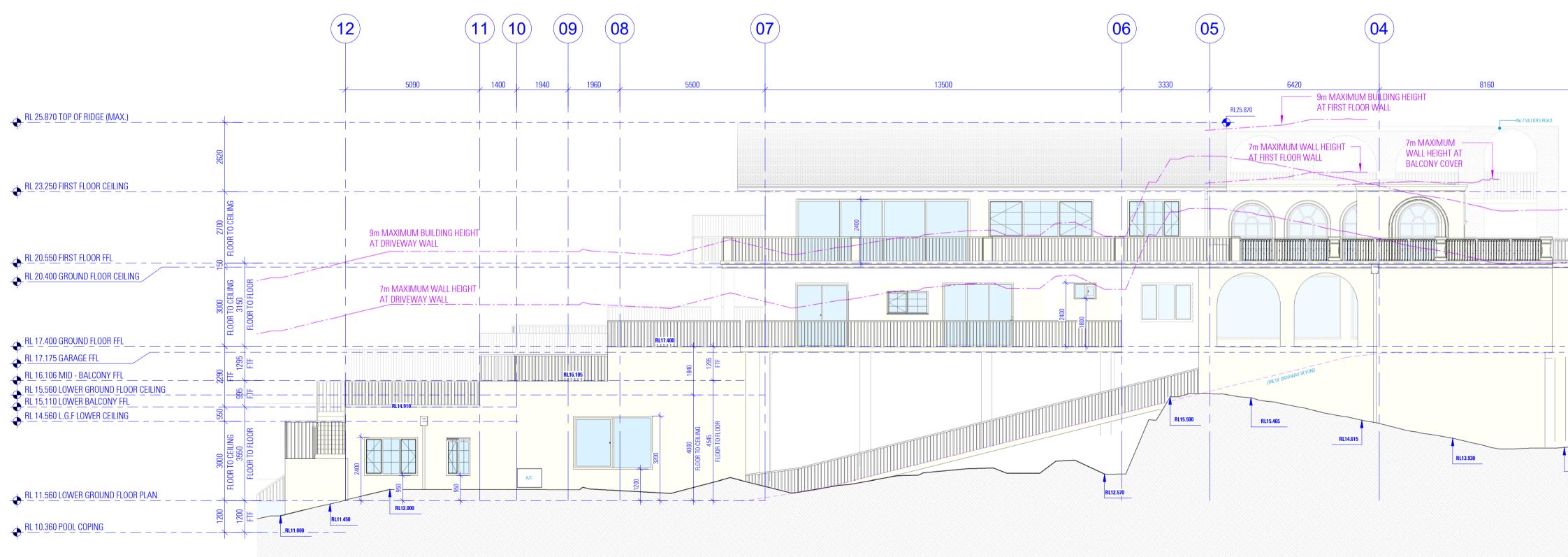


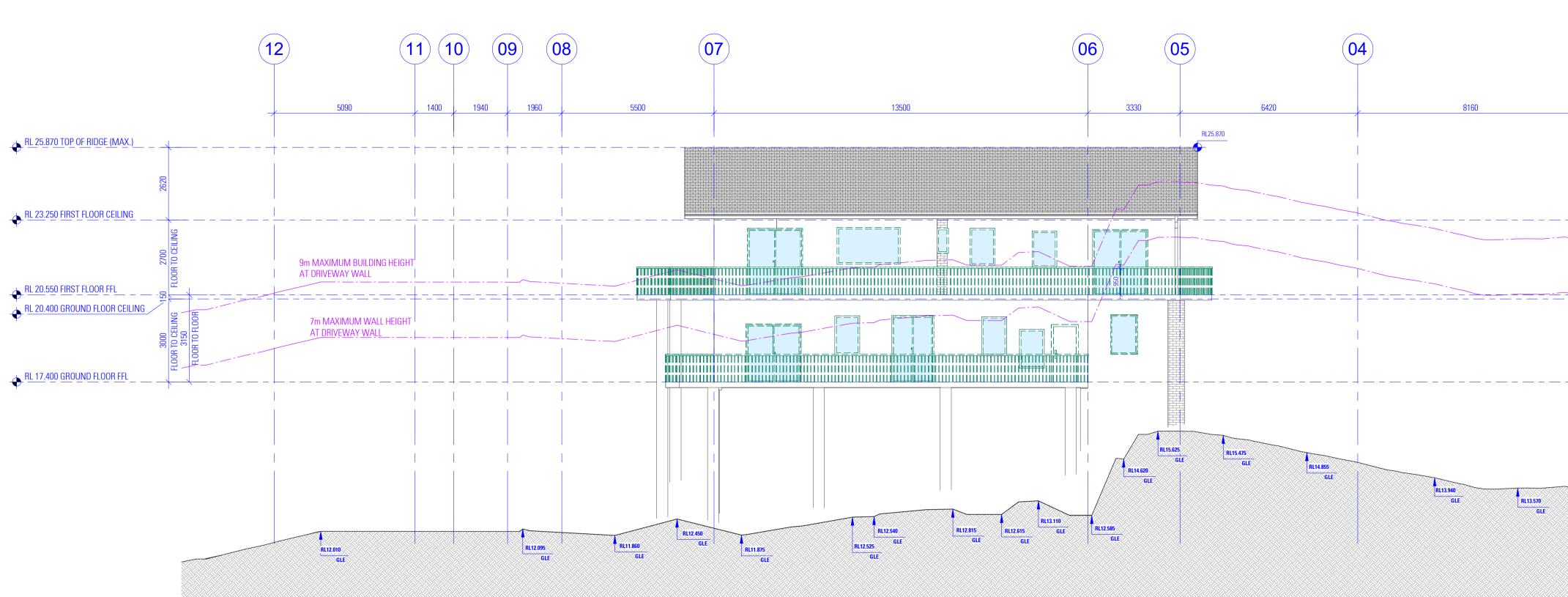




ALTERATIONS AND ADDITIONS	D R A W I N G
5 VILLIERS ROAD, HEIGHTS NSW 2211	PROPOSED FIRST FLOOR & ROOF PLAN
 BENITA ZEAITER FARAH KAYAL SAM KHOUR	SCALE 1 : 100 / A3 ISSUE C 22.06.2025 DWG No. 24103 - 10

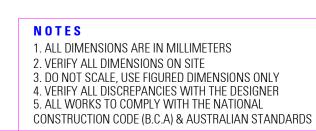






EAST ELEVATION - EXISTING

EAST ELEVATION - PROPOSED

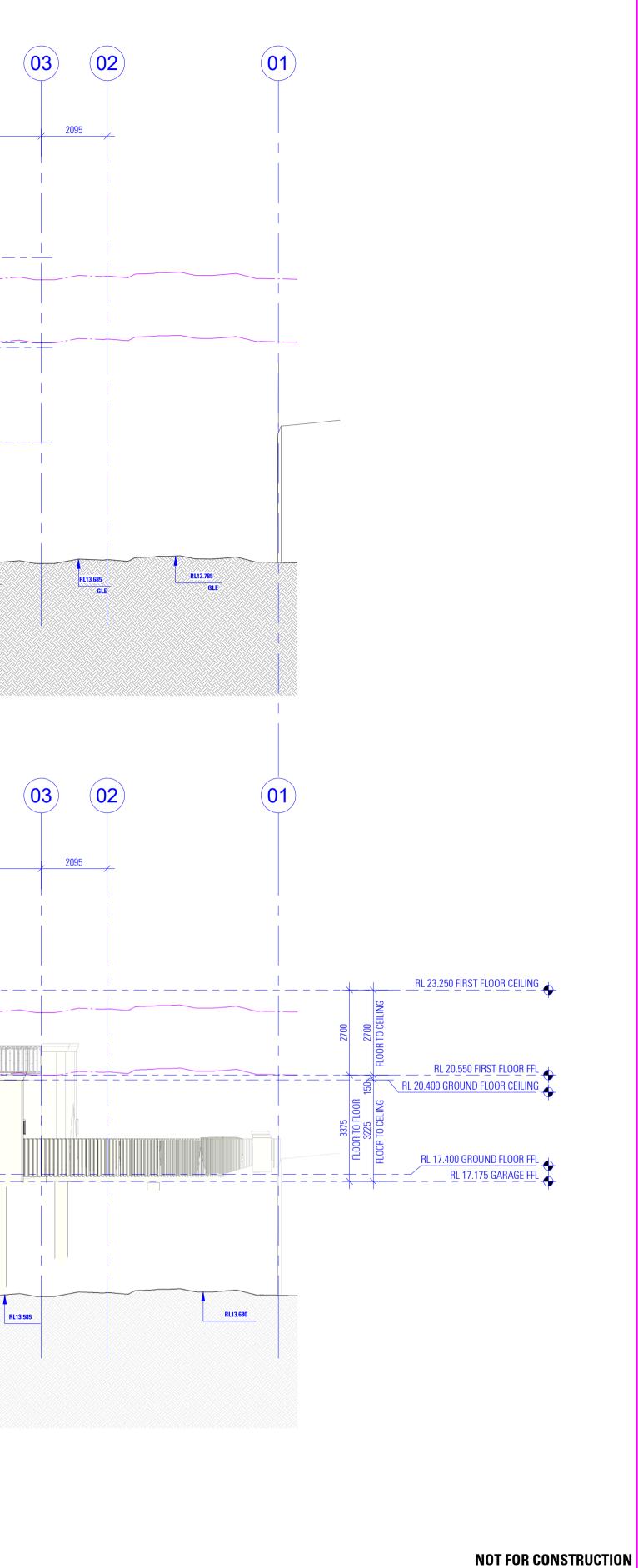


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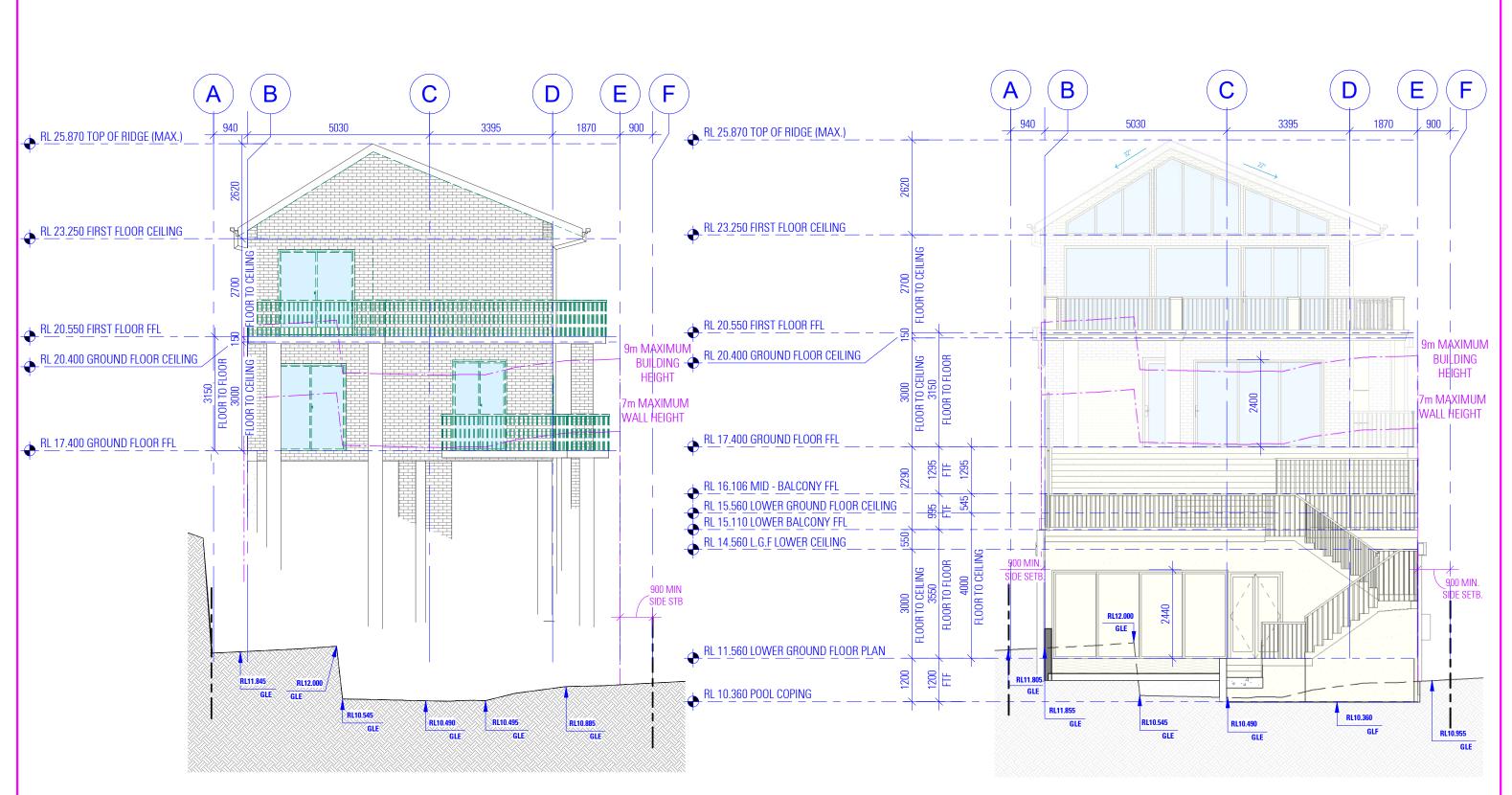
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ALTERATIONS AND ADDITIONS	D R A W I N G
5 VILLIERS ROAD, HEIGHTS NSW 2211	EXISTING AND PROPOSED EAST ELEVATION
BENITA ZEAITER FARAH KAYAL SAM KHOURY	SCALE 1 : 100 / A1 ISSUE C 22.06.2025 DWG No. 24103 - 12



SOUTH ELEVATION - EXISTING

NOTES

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SOUTH ELEVATION - PROPOSED

NOT FOR CONSTRUCTION

ALTERATIONS AND ADDITIONS

5 VILLIERS ROAD HEIGHTS NSW 2211

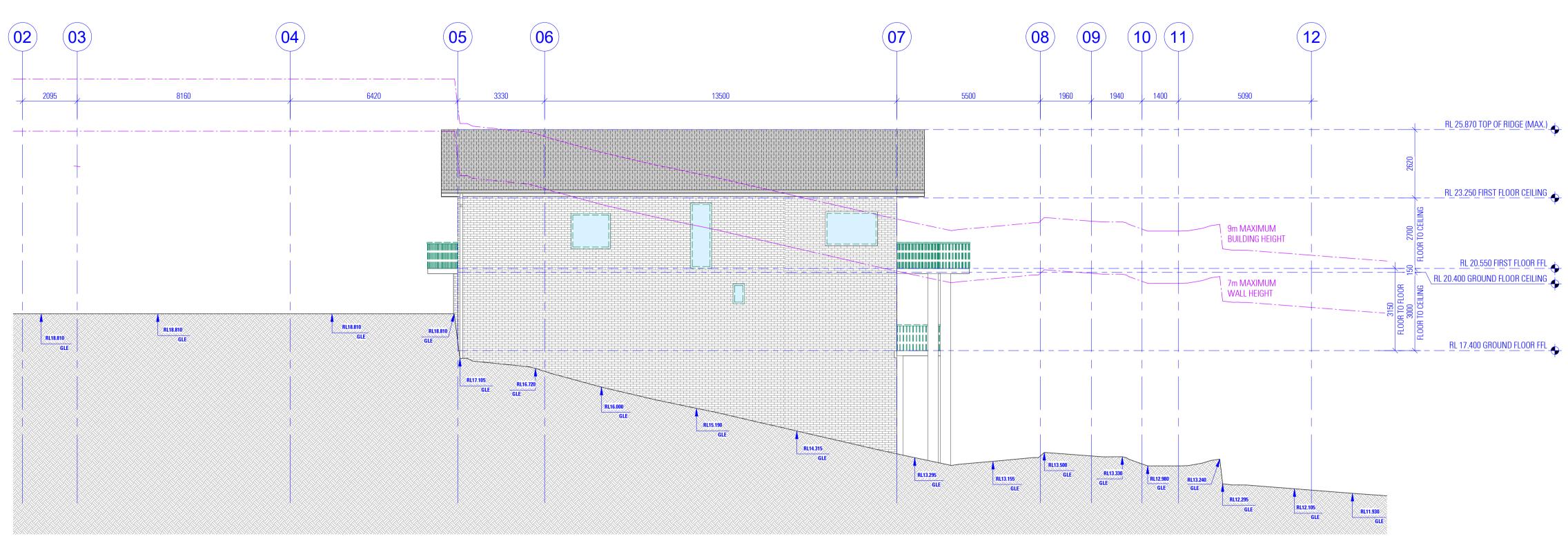
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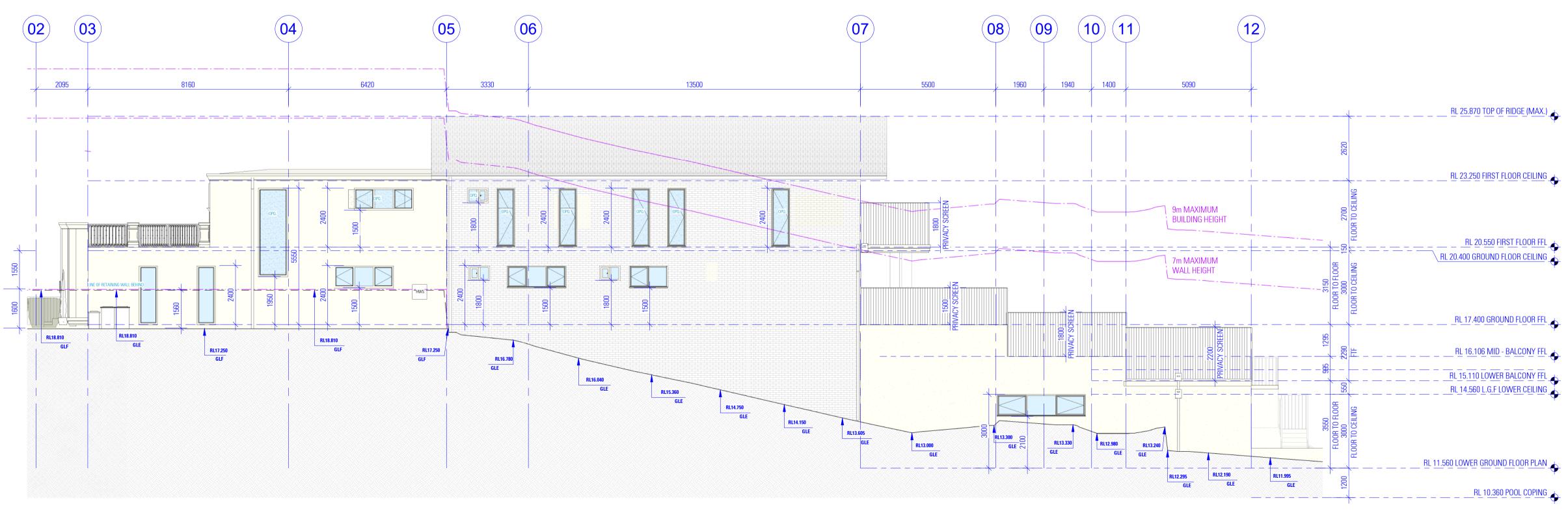
ELEVATION SCALE 1:100/A1

C 22.06.2025

EXISTING AND PROPOSED SOUTH

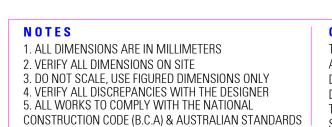
DWG №. 24103 - 13





WEST ELEVATION - EXISTING

WEST ELEVATION - PROPOSED



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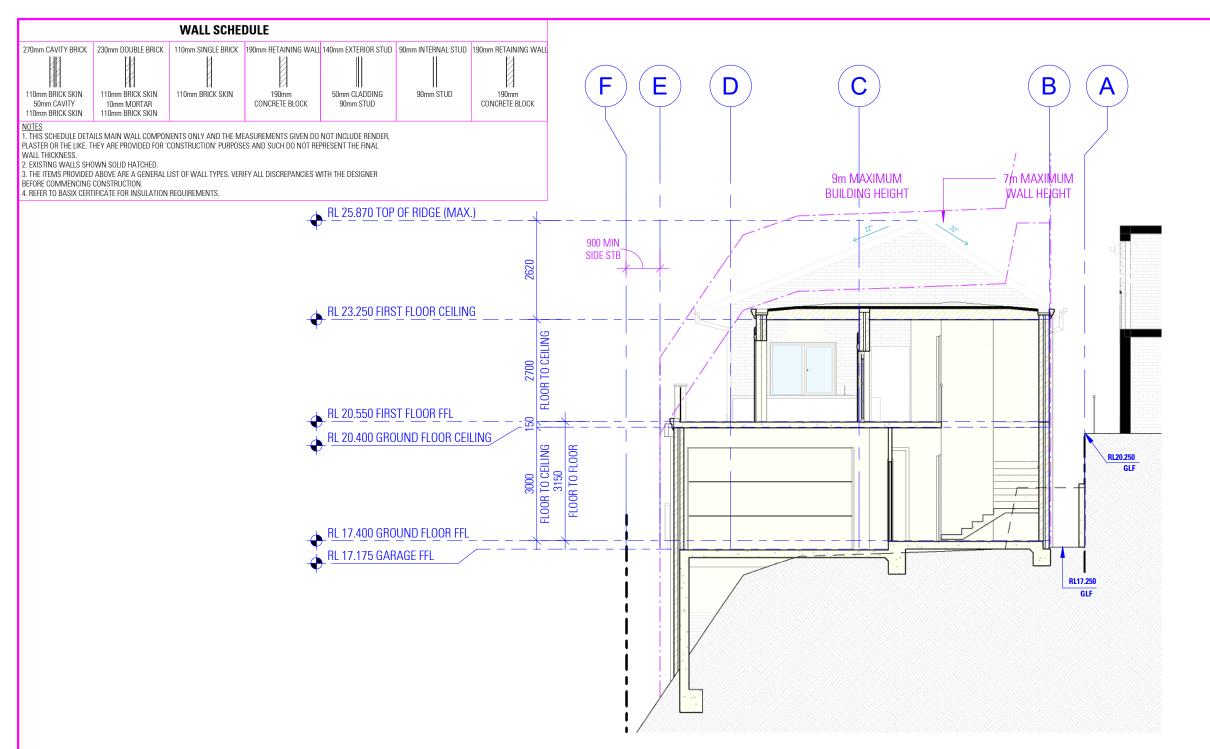


_____RL 25.870 TOP OF RIDGE (MAX.)

_____RL 23.250 FIRST FLOOR CEILING

_____ RL 17.400 GROUND FLOOR FFL

	ALTERATIONS AND ADDITIONS	D R A W I N G	
5	VILLIERS ROAD, HEIGHTS NSW 2211	EXISTING AND PROPOSED WEST ELEVATION	
 BENITA ZEAITER FARAH KAYAL		SCALE 1:100 / A1 ISSUE C 22.06.2025 DWG No. 24103 - 14	



EARTHWORKS

NATIONAL CONSTRUCTION CODE (NCC) EARTHWORKS AND EXCAVATIONS ARE TO BE CARRIED OUT IN ACCORDANCE WITH BCA 2022 H1D3 AND HOUSING PROVISIONS PART 3.2

 STORM WATER
 POWDER COATED ALUMINIUM GUTTERS & DOWNPIPES. REFER TO STORMWATER PLAN FOR ALL SITE DRAINAGE DETAILS AND CALCULATIONS.

NATIONAL CONSTRUCTION CODE (NCC)

 DBAINAGE IS TO BE IN ACCORDANCE WITH BCA 2022 H2D2 • ROOF, WALL CLADDING, GUTTERS & DOWNPIPES ARE TO COMPLY WITH BCA 2022 H1D7 AND H2D6

- TERMITE PROTECTION NATIONAL CONSTRUCTION CODE (NCC)
- PROTECTION MUST BE IN ACCORDANCE WITH BCA 2022 H1D3 AND ABCB HOUSING PROVISIONS PART 3.4

- **FOOTINGS AND SLABS** PROPOSED FOOTINGS TO THE SPECIFICATIONS OF A QUALIFIED PRACTISING ENGINEER NATIONAL CONSTRUCTION CODE (NCC)
- FOOTINGS AND SLABS ARE TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH BCA 2022 H1D4 AND

H2D3

AUSTRALIAN STANDARD (AS) PILED FOOTINGS ARE TO COMPLY WITH AS 2159-2009

FLOORING

 PROPOSED FLOOR CONSTRUCTION TO THE SPECIFICATIONS OF A QUALIFIED PRACTISING ENGINEER. ALL PORCHES, VERANDAHS & THE LIKE TO HAVE A 85mm STEPDOWN FROM INTERNAL AREAS UNLESS NOTED OTHERWISE

• FOR ALL REDUCED LEVELS REFER TO FLOOR PLANS (ENGINEERS DETAILS TO SUPERSEED-CONFIRM WITH DESIGNER) SUB FLOOR VENTILATION IS TO COMPLY WITH BCA 2022 H2D5

WALLS

- NATIONAL CONSTRUCTION CODE (NCC) STEEL AND TIMBER FRAMING AND STRUCTURAL STEEL SECTIONS ARE TO COMPLY WITH BCA 2022 H1D6
- MASONRY, MASONRY COMPONENTS AND ACCESSORIES, AND WEATHERPROOFING OF MASONRY ARE TO COMPLY
- WITH BCA 2022 H1D5 AND H2D4 SOUND INSULATION IS TO BE IN ACCORDANCE WITH BCA 2022 H4D8
- REINFORCED AUTOCLAVED AERATED CONCRETE IS TO COMPLY WITH AS 5146.1-2015 CONCRETE - POST-INSTALLED AND CAST-IN FASTENINGS IS TO
- COMPLY WITH SA TA 101 ROOF AND WALL CLADDING ARE TO COMPLY WITH BCA 2022
- H2D6

STRUCTURI

- NATIONAL CONSTRUCTION CODE (NCC) STAIR CONSTRUCTION IS TO COMPLY WITH PART 3.9.1 STRUCTURAL DESIGN TO BE IN ACCORDANCE WITH ACCEPTABLE CONSTRUCTION MANUALS AS LISTED IN PART
 - ATTACHMENT OF FRAMED DECKS AND BAI CONIES TO EXTERNAL WALLS OF BUILDINGS USING A WALING PLATE IS TO COMPLY WITH BCA 2022 H1D11

EXTERNAL WATERPROOFING NATIONAL CONSTRUCTION CODE (NCC)

 EXTERNAL WATERPROOFING IS TO COMPLY WITH BCA 2022 H2D8

- GLAZING POWDER COATED ALUMINIUM FRAMED GLASS WINDOWS & DOORS LINEESS NOTED OTHERWIS
- NATIONAL CONSTRUCTION CODE (NCC) ALL GLAZING IS TO BE IN ACCORDANCE WITH BCA 2022 H1D8 AND H2D7

ROOFING

NATIONAL CONSTRUCTION CODE (NCC) ROOF CLADDING SHALL BE CARRIED OUT IN ACCORDANCE WITH PART 3 5

AUSTRALIAN STANDARD (AS)

- INSTALLATION OF ROOF TILES AS 2050
- DESIGN & INSTALLATION OF SHEET ROOF & WALL CLADDING AS 1562.1

- NATIONAL CONSTRUCTION CODE (NCC)
 THE FIRE HAZARD PROPERTIES OF MATERIALS ARE TO COMPLY WITH BCA 2022 H3D2 • FIRE SEPARATION OF EXTERNAL WALLS IS TO COMPLY WITH
- BCA 2022 H3D3

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• FIRE PROTECTION OF SEPARATING WALLS AND FLOORS IS TO COMPLY WITH BCA 2022 H3D4 FIRE SEPARATION OF GARAGE-TOP-DWELLINGS IS TO COMPLY

WITH BCA 2022 H3D5 SMOKE ALARMS AND EVACUATION LIGHTING ARE TO COMPLY WITH BCA 2022 H3D6

HEALTH & AMENITY

- ALL BATHROOM, ENSUITES AND LAUNDRIES TO HAVE FLOOR WASTES AND BE SETDOWN AND WATERPROOFED. NATIONAL CONSTRUCTION CODE (NCC)
- WET AREAS ARE TO COMPLY WITH BCA 2022 H4D2
- MATERIALS AND INSTALLATION OF WET AREA COMPONENTS AND SYSTEMS ARE TO COMPLY WITH BCA 2022 H4D3 ROOM HEIGHTS ARE TO COMPLY WITH BCA 2022 H4D4 PROVISION OF LIGHT IS TO COMPLY WITH BCA 2022 H4D6 PROVISION OF VENTILATION IS TO COMPLY WITH BCA 2022
- H4D7 SOUND INSULATION IS TO COMPLY WITH BCA 2022 H4D8 CONDENSATION MANAGEMENT IS TO COMPLY WITH BCA 2022 H4D9

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REQUIREMENTS NATIONAL CONSTRUCTION CODE (NCC) SWIMMING POOLS ARE TO COMPLY WITH BCA 2022 NSW

- BARRIERS AND HANDRAILS ARE TO COMPLY WITH BCA 2022 H7D2 CONSTRUCTION IN BUSHFIRE PRONE AREAS IS TO COMPLY
- THE WINDOW IS TO BE FITTED WITH EITHER A DEVICE TO RESTRICT THE WINDOW OPENING, OR A SUITABLE SCREEN, SO A 125mm SPHERE CANNOT PASS THROUGH. • THE DEVICE OR SCREEN CAN HAVE A CHILD RESISTANT
- RELEASE MECHANISM (E.G. A KEY LOCK) WHICH CAN ENABLE THE DEVICE OR SCREEN TO BE REMOVED. UNLOCKED OR OVERRIDDEN. (SO FOR EXAMPLE, THE WINDOW CAN BE CLEANED)

STAIRWAY AND RAMP CONSTRUCTION ARE TO COMPLY WITH

 A BARRIER IS NOT REQUIRED FOR WINDOWS 1.7m OR MORE ABOVE THE FLOOR LEVEL.

SAFE MOVEMENT & ACCESS NATIONAL CONSTRUCTION CODE (NCC)

BCA 2022 H5D2

H5D3

- EXTERNAL FINISHES REFER TO SCHEDULE OF EXTERNAL MATERIALS, COLOURS AND FINISHES FOR MORE DETAILS.
- BUSHFIRE
- H7D4

DRAFTED

- NATIONAL CONSTRUCTION CODE (NCC)

SECTION



ANCILLARY PROVISIONS AND ADDITIONAL CONSTRUCTION

WITH BCA 2022 NSW H7D4
HEATING APPLIANCES, FIREPLACES, CHIMNEYS AND FLUES ARE TO COMPLY WITH BCA 2022 H7D5

LANDSCAPE • REFER TO LANDSCAPE PLAN FOR ALL PLANTING AND OUTDOOR SURFACE TREATMENTS

THE RECOMMENDATIONS PROVIDED WITHIN THE BUSHFIRE ASSESSMENT REPORT ARE TO BE ADHERED TO. IN THE EVENT THAT THERE ARE INCONSISTENCIES, THE BUSHFIRE REPORT RECOMMENDATIONS ARE TO TAKE PRECEDENCE

BUSHFIRE AREAS ARE TO BE IN ACCORDANCE WITH BCA 2022

STRUCTURAL SOFTWARE USED IN COMPUTER AIDED DESIGN OF A BUILDING OR STRUCTURE THAT USES DESIGN CRITERIA BASED ON THE DEEMED-TO-SATISFY PROVISIONS OF NCC VOLUME TWO AND THE ABCB HOUSING PROVISIONS INCLUDING ITS REFERENCED DOCUMENTS, FOR THE DESIGN OF STEEL OR TIMBER TRUSSED ROOF AND FLOOR SYSTEMS AND FRAMED BUILDING SYSTEMS, MUST COMPLY WITH THE ABCB PROTOCOL FOR STRUCTURAL SOFTWARE WHERE RELEVANT, AS REFERRED TO IN ABCB HOUSING PROVISIONS PART 2.2.5

THE DEVELOPMENT HAS BEEN DESIGNED TO BEST MEET The guidelines of council & the national CONSTRUCTION CODE (ALL WORK ON SITE SHALL BE CARRIED OUT IN A SIMILAR MANNER TO ADHERE TO THE REQUIREMENTS OF COUNCIL AND THE NCC)

MINOR CHANGES TO BUILDING FORM AND CONFIGURATION MAY BE REQUIRED WHEN DRAWINGS ARE SUBSEQUENTLY PREPARED FOR CONSTRUCTION PURPOSES AFTER THE GRANT OF DEVELOPMENT CONSENT

NOT FOR CONSTRUCTION

ALTERATIONS AND ADDITIONS

5 VILLIERS ROAD HEIGHTS NSW 2211

SAM KHOURY ISSUE

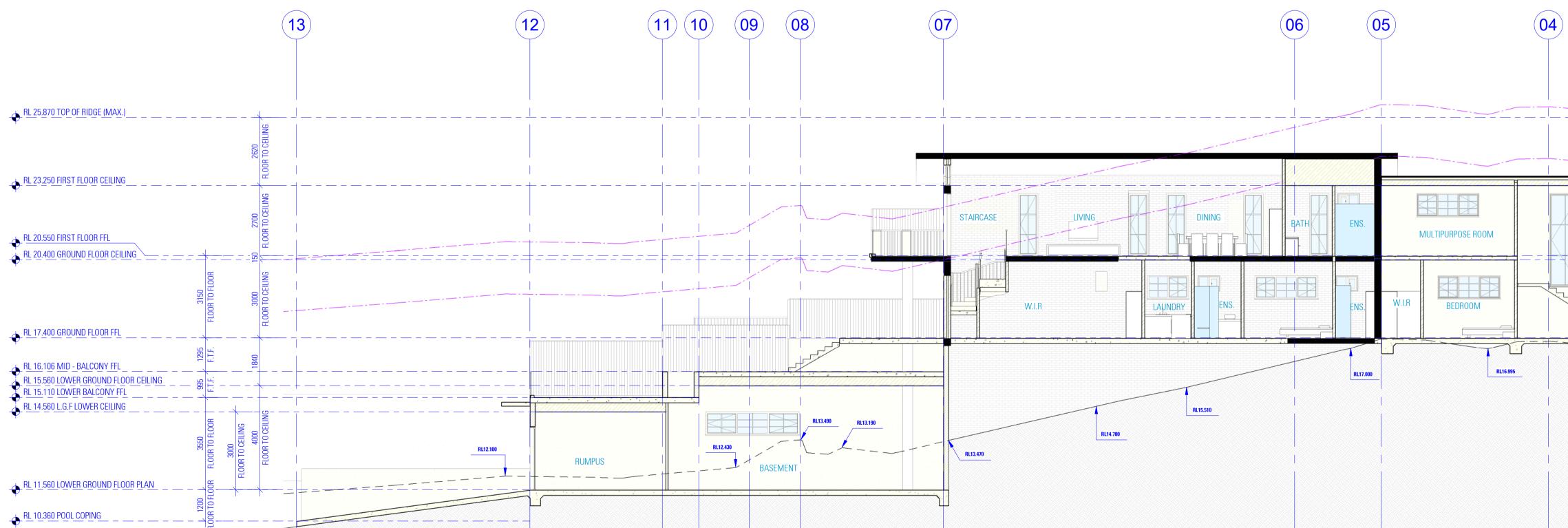
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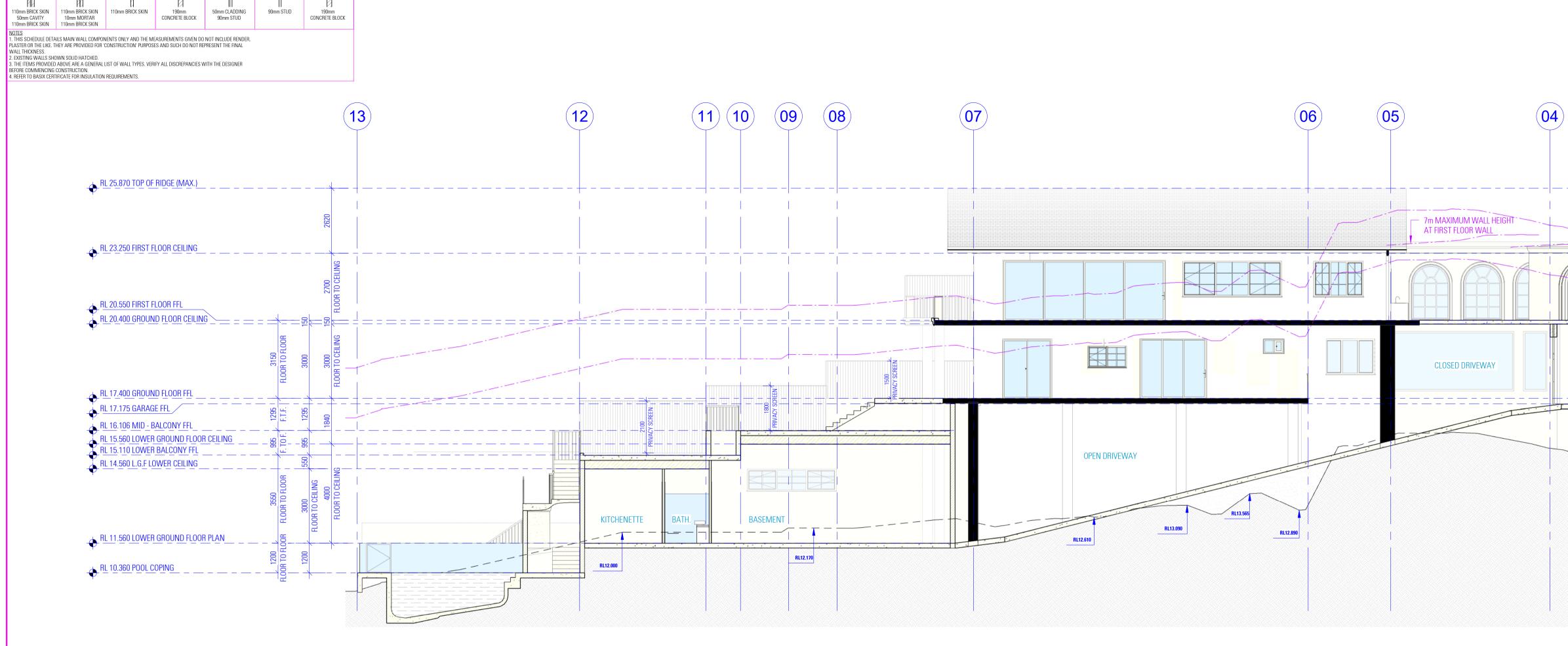
SCALE 1:100/A3

C 22.06.2025

Dwg №. 24103 - 15

DESIGN BENITA ZEAITER FARAH KAYAI





WALL SCHEDULE

270mm CAVITY BRICK 230mm DOUBLE BRICK 110mm SINGLE BRICK 190mm RETAINING WALL 140mm EXTERIOR STUD 90mm INTERNAL STUD 190mm RETAINING WALL

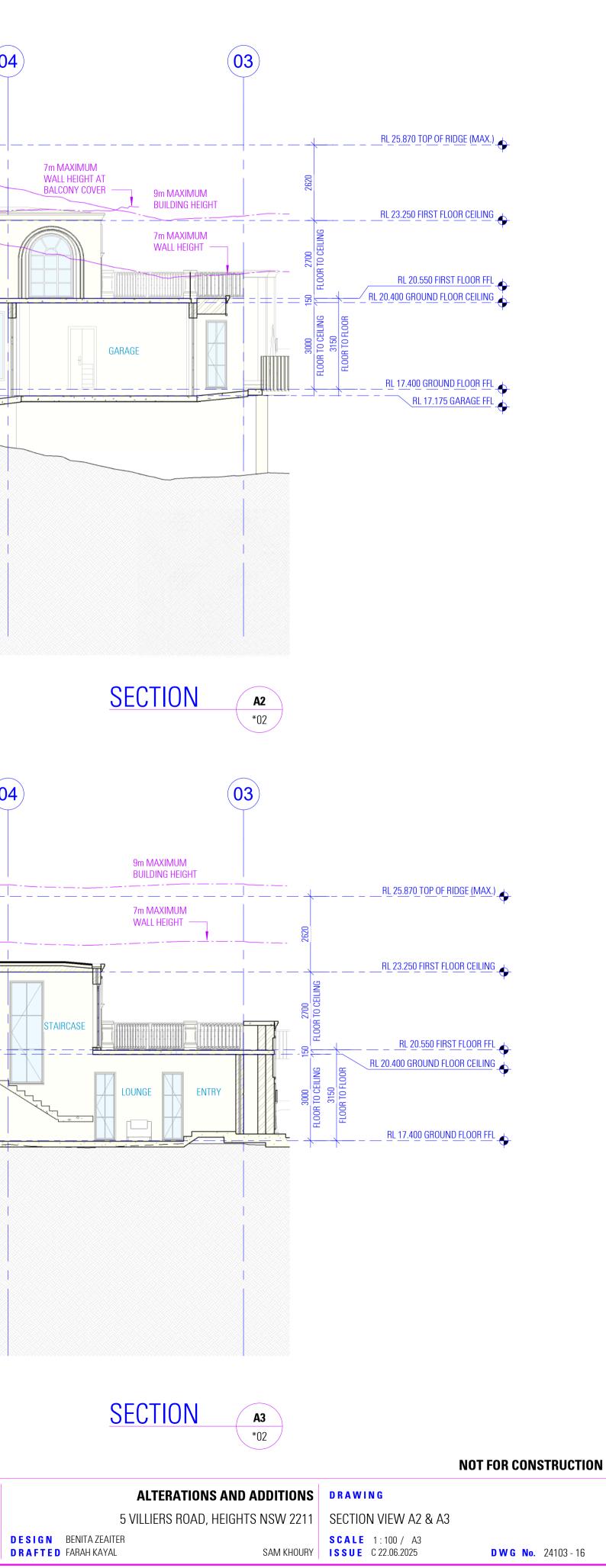
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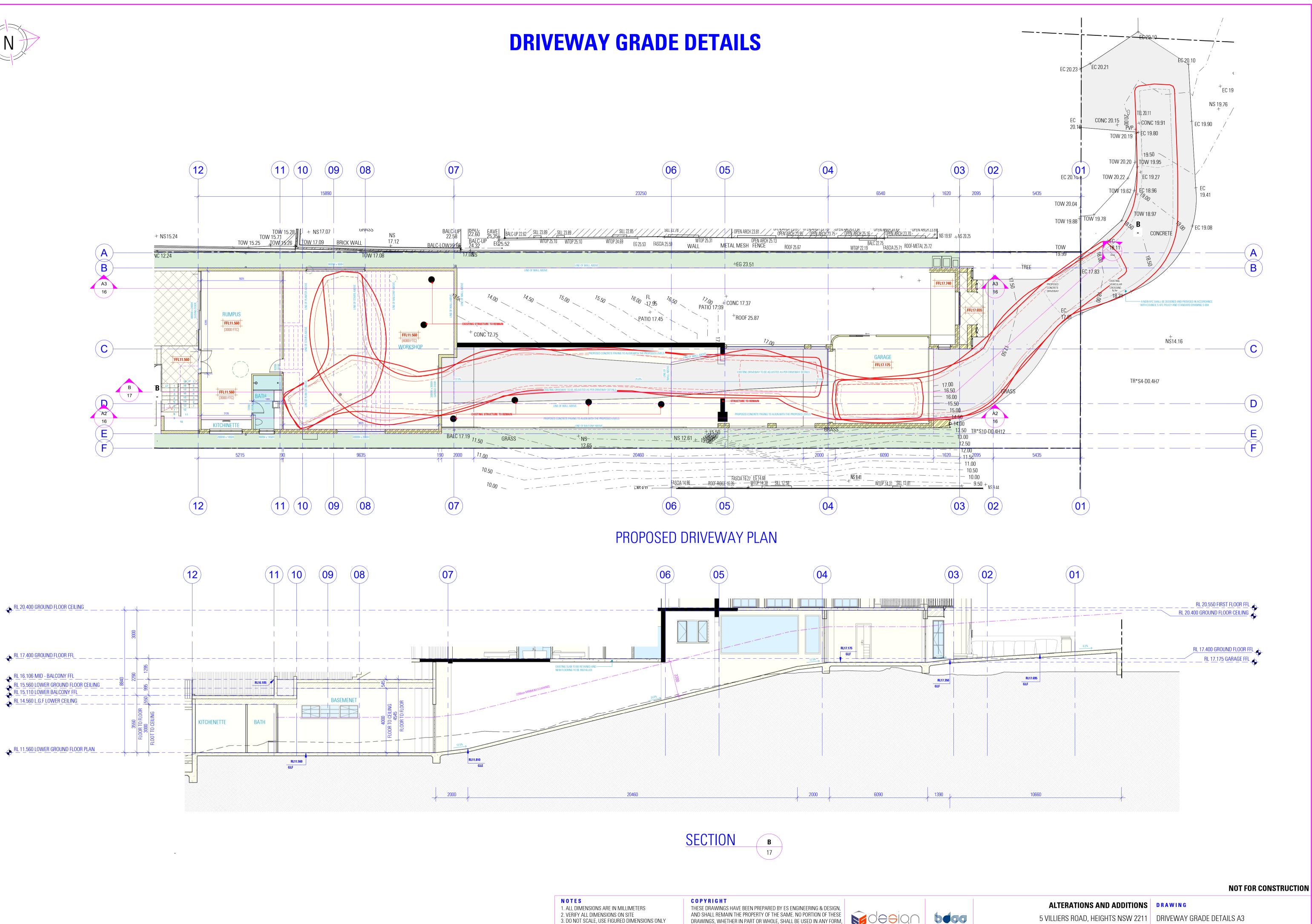
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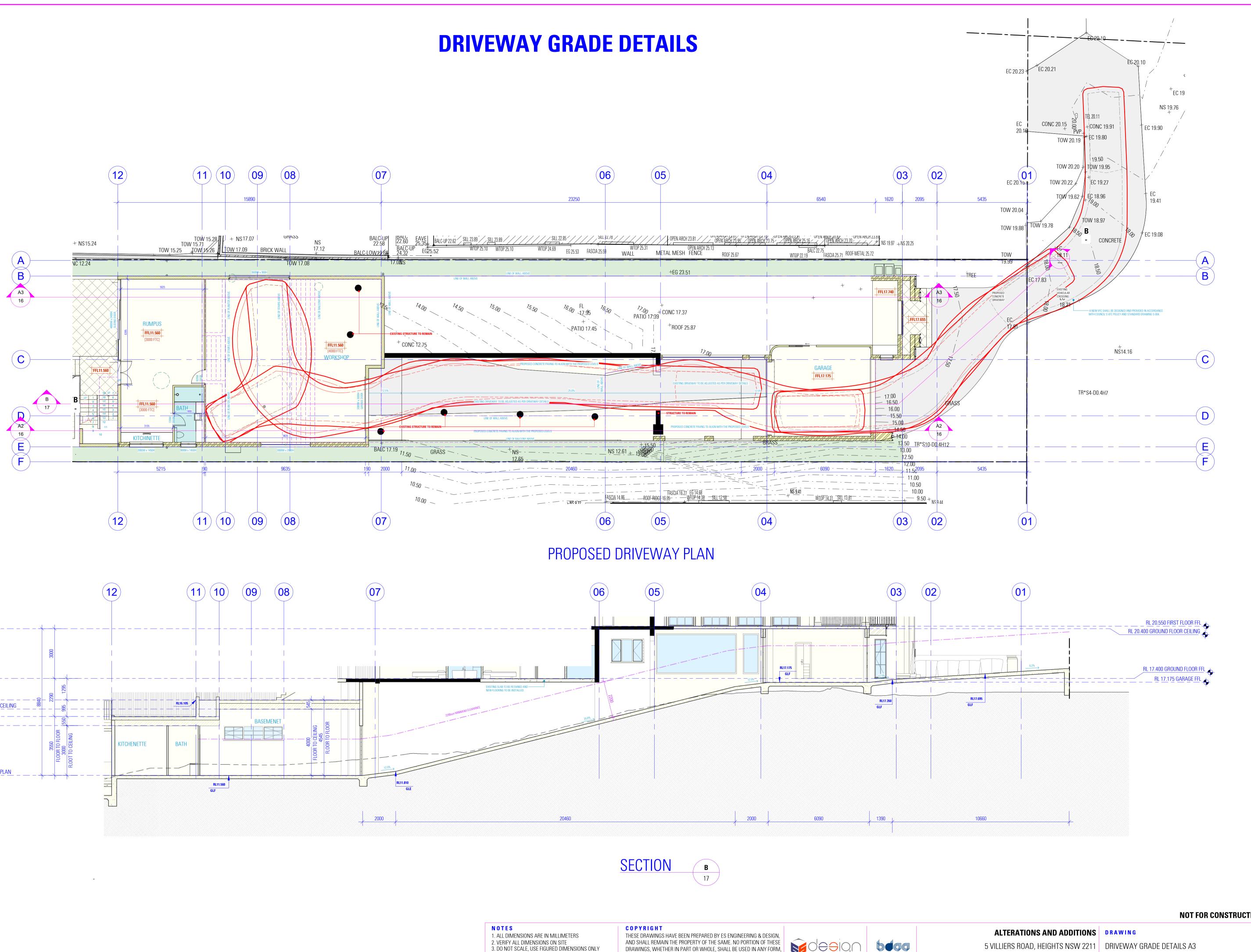
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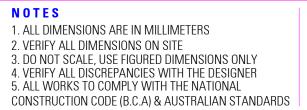
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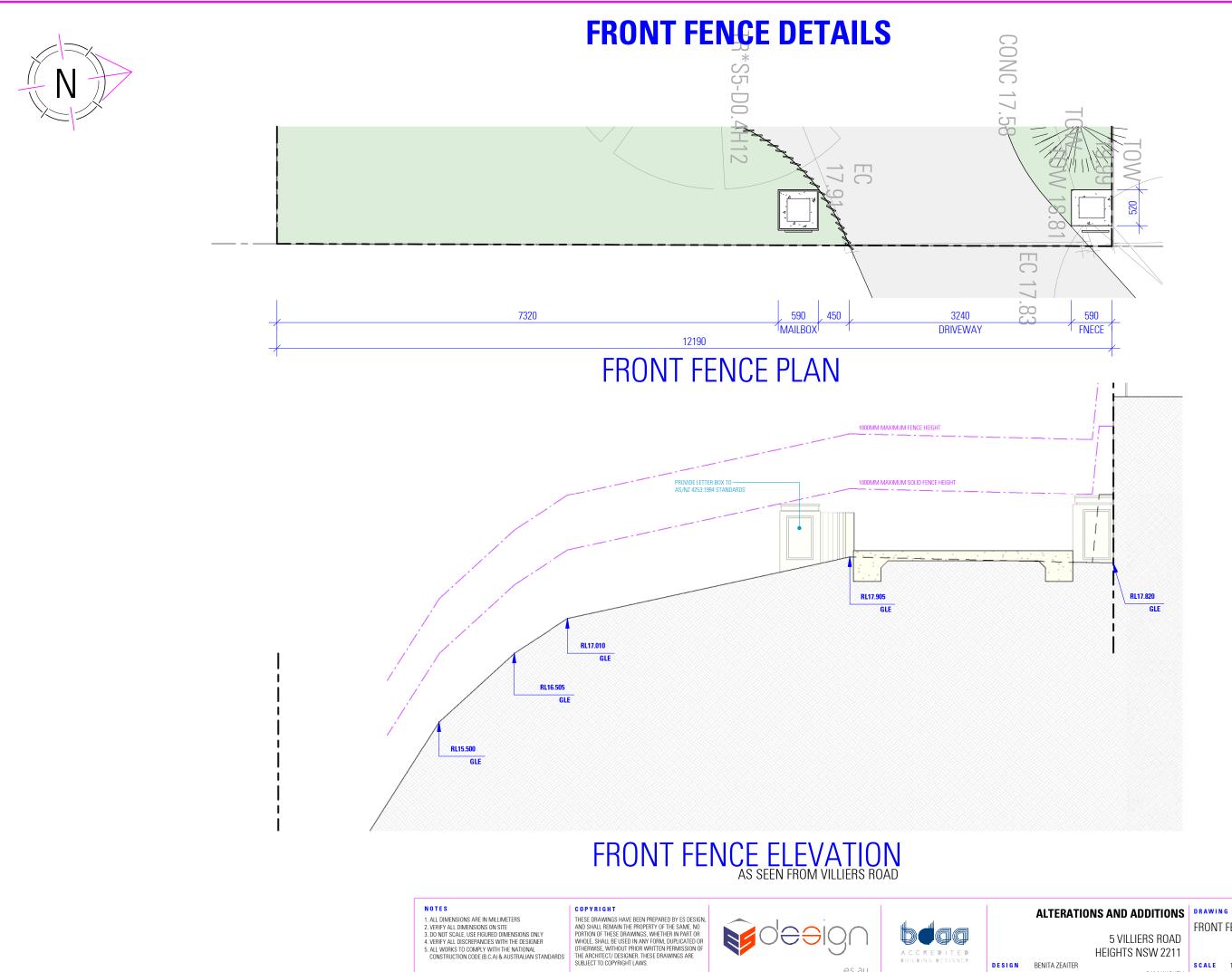
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CREDITED **DESIGN** BENITA ZEAITER DRAFTED FARAH KAYAL

DWG No. 24103 - 17

SCALE 1:100 / A1 SAM KHOURY ISSUE C 22.06.2025



NOT FOR CONSTRUCTION

FRONT FENCE DETAILS 5 VILLIERS ROAD

HEIGHTS NSW 2211

DESIGN BENITA ZEAITER

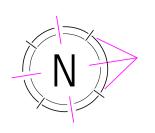
DRAFTED FARAH KAYAL

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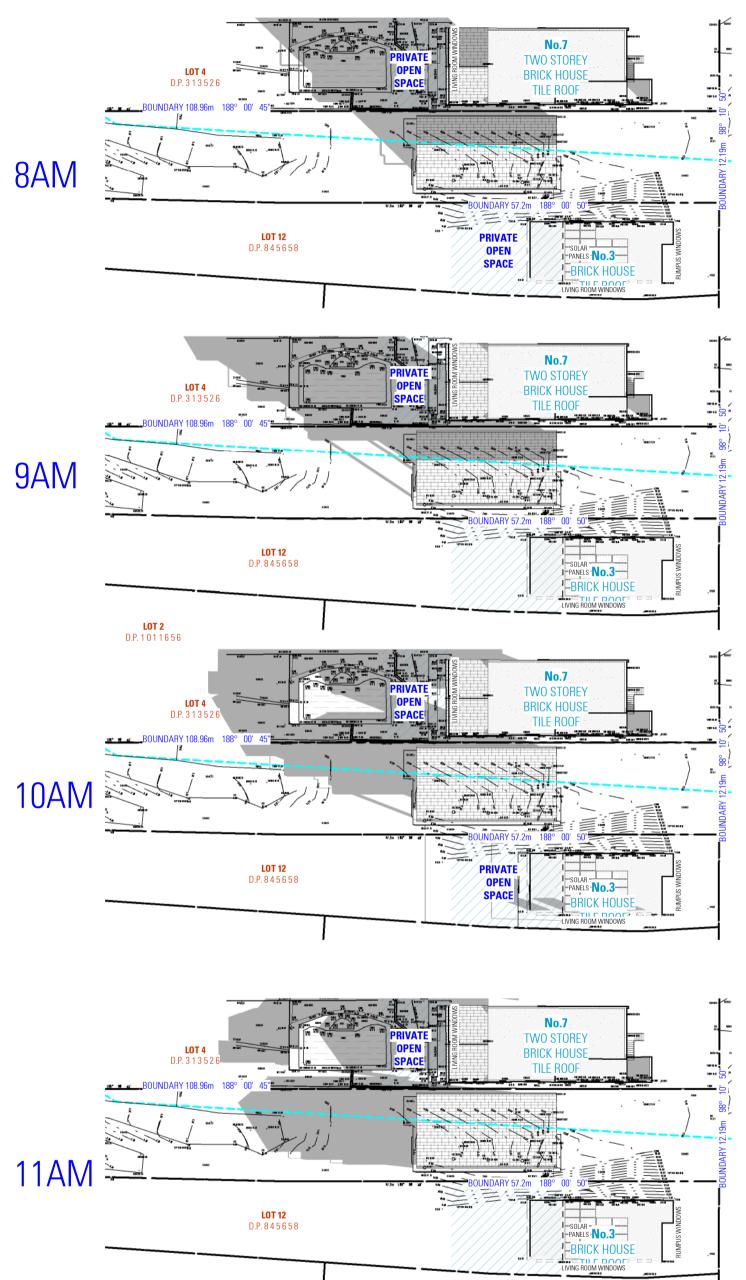
SAM KHOURY ISSUE C 22.06.2025

SCALE 1:50 / A3

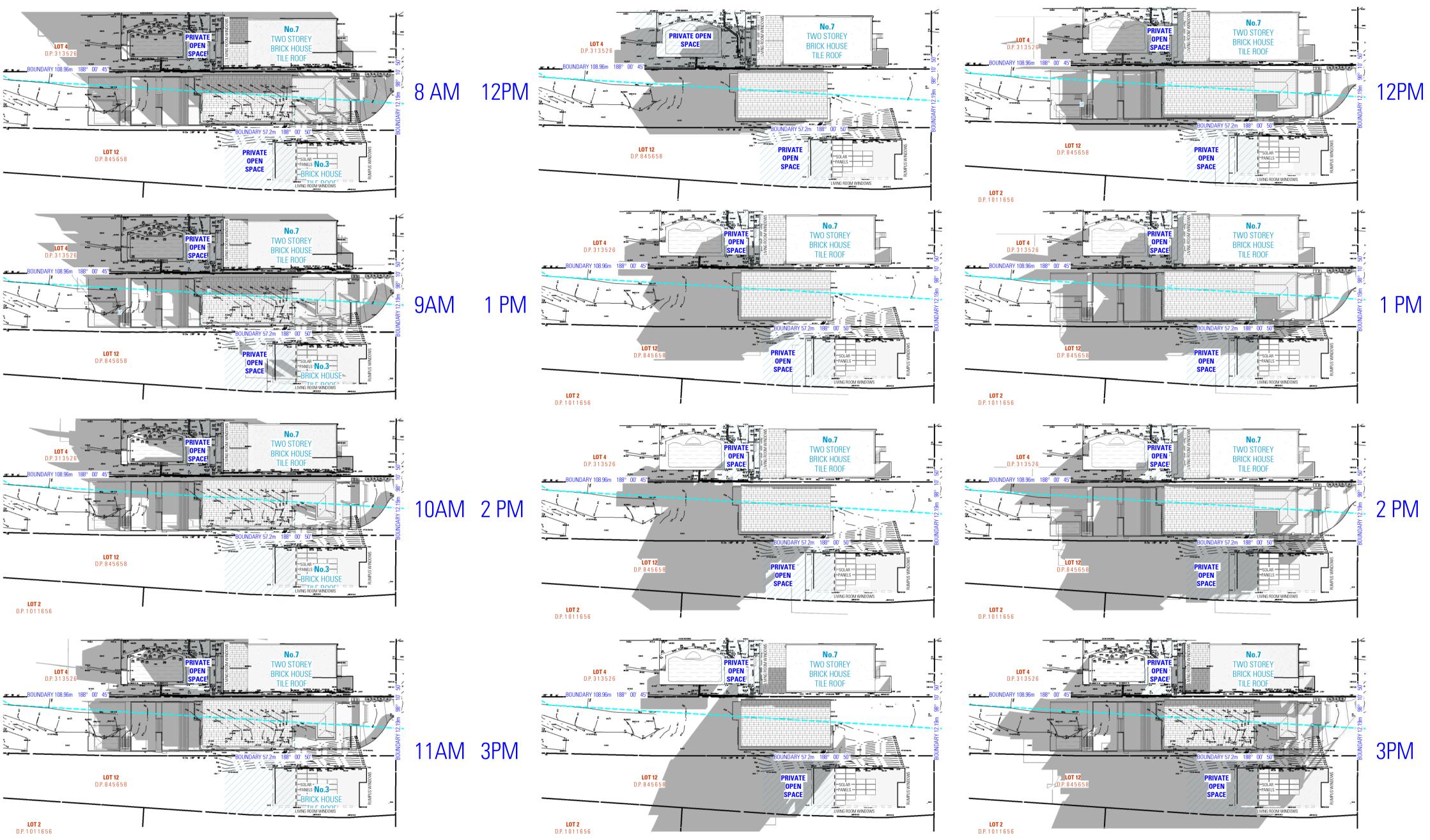
dwg №. 24103 - 18



SHADOW DIAGRAMS EXISTING- 21st JUNE SHADOW DIAGRAMS PROPOSED- 21st JUNE



LOT 2 D.P. 1 0 1 1 6 5 6



SHADOW DIAGRAMS EXISTING- 21st JUNE SHADOW DIAGRAMS PROPOSED- 21st JUNE

NOTES 1. ALL DIMENSIONS ARE IN MILLIMETERS 2. VERIFY ALL DIMENSIONS ON SITE 3. DO NOT SCALE, USE FIGURED DIMENSIONS ONLY 4. VERIFY ALL DISCREPANCIES WITH THE DESIGNER 5. ALL WORKS TO COMPLY WITH THE NATIONAL CONSTRUCTION CODE (B.C.A) & AUSTRALIAN STANDARDS

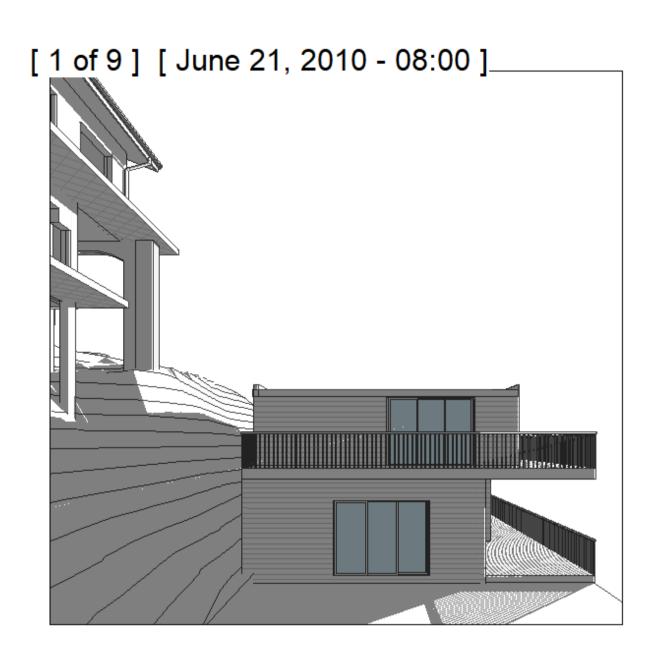
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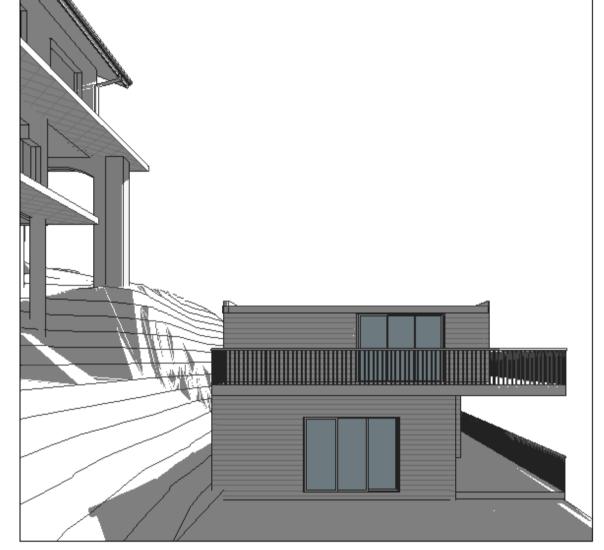
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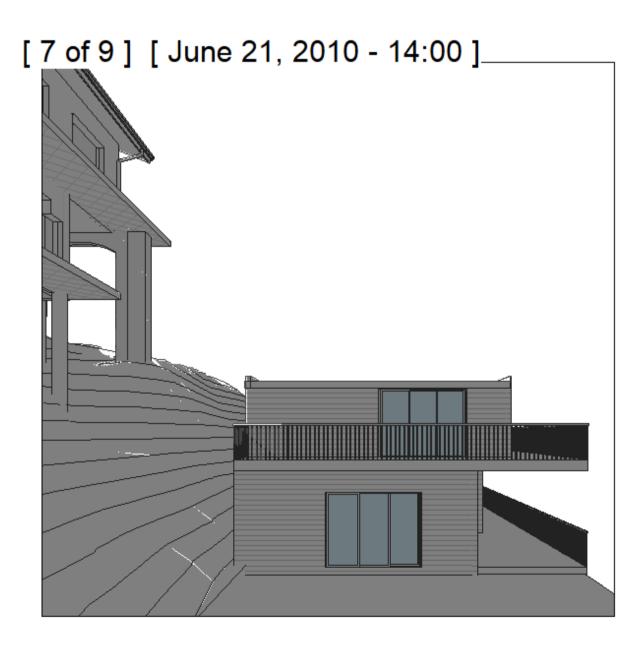


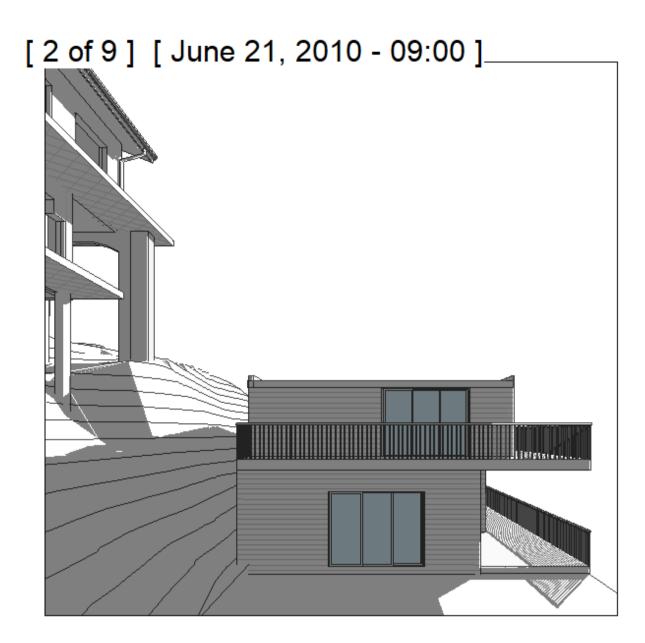
	ALTERATIONS AND AI	DDITIONS	D R A W I	NG				
5	VILLIERS ROAD, HEIGHTS	NSW 2211	SHADO	W DIAGRAMS - 21st JU	INE			
 BENITA ZEAITER FARAH KAYAL		SAM KHOURY		1 : 500 / A1 C 22.06.2025	DWGI	No.	24103 -	- 19



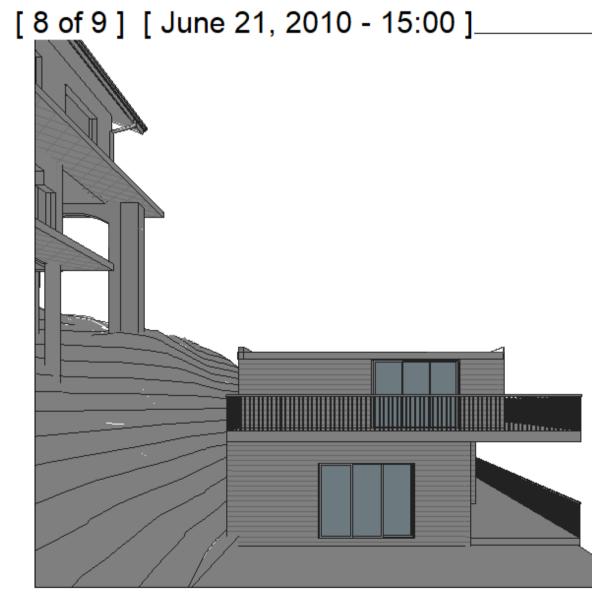
[<u>4 of</u> 9] [June 21, 2010 - 11:00]_____



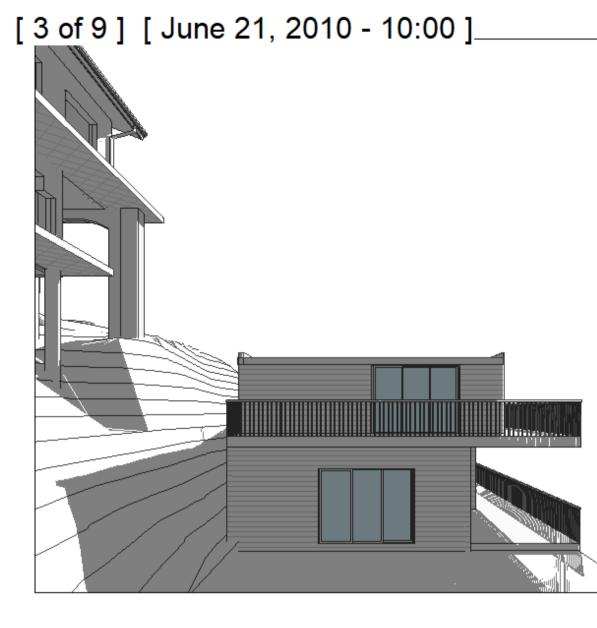


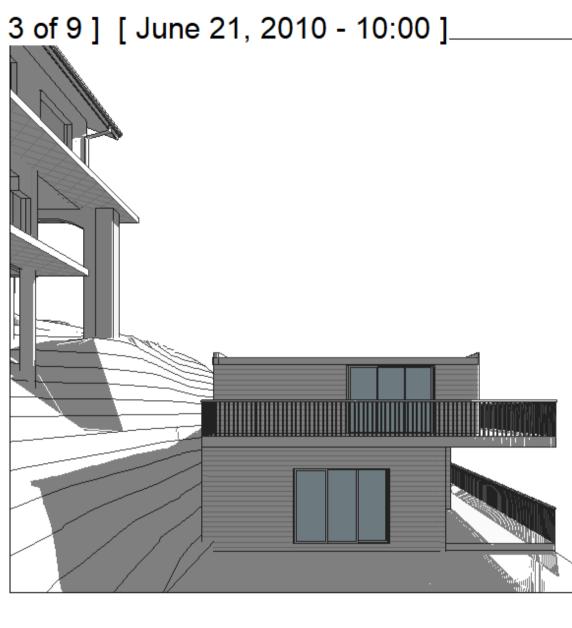


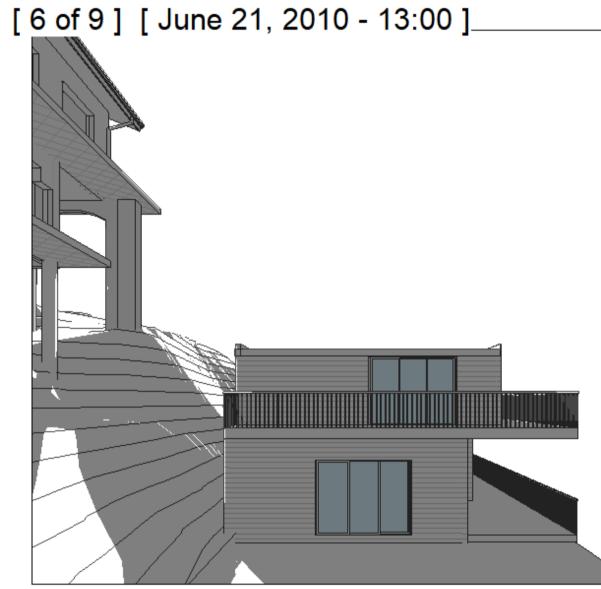
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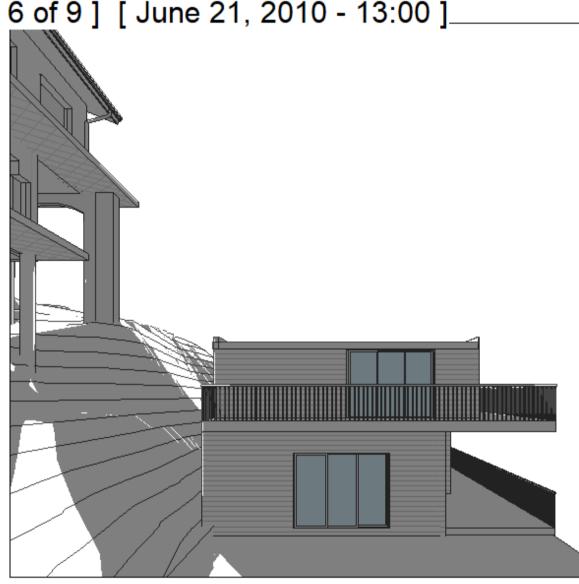


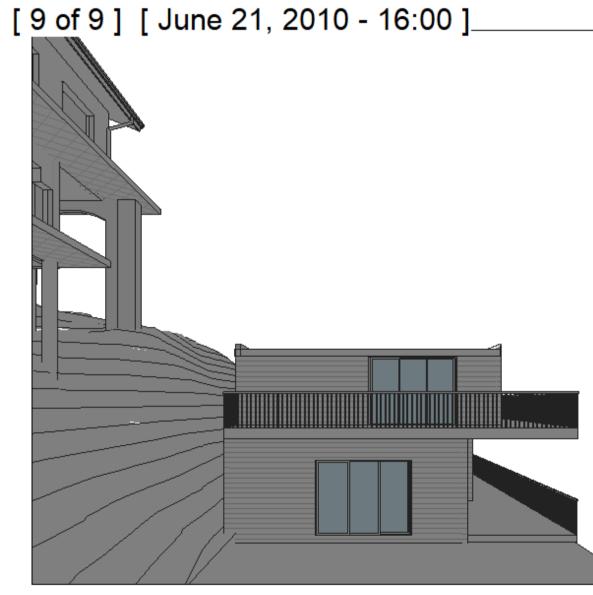


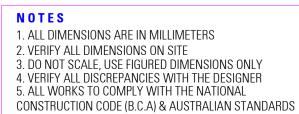












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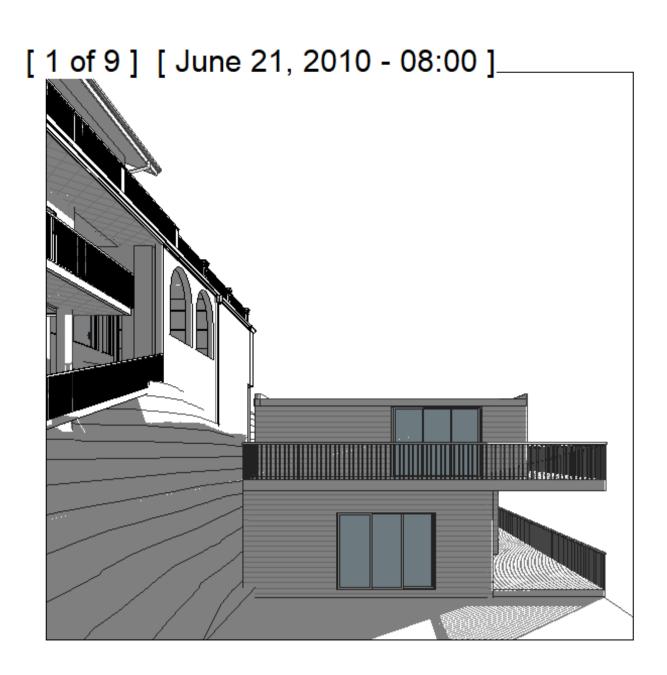


ALTERATIONS AND ADDITIONS DRAWING 5 VILLIERS ROAD, HEIGHTS NSW 2211 NO.3 EXISTING SHADOW DIAGRAMS DESIGN BENITA ZEAITER DRAFTED FARAH KAYAL

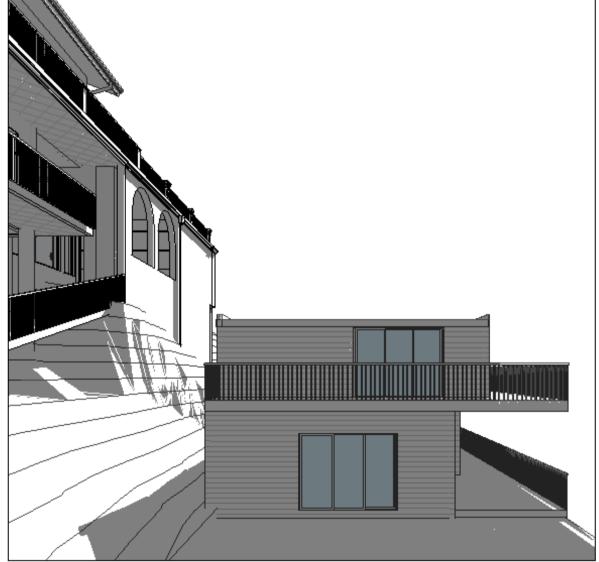
SCALE/ A3SAM KHOURYISSUEC 22.06.2025

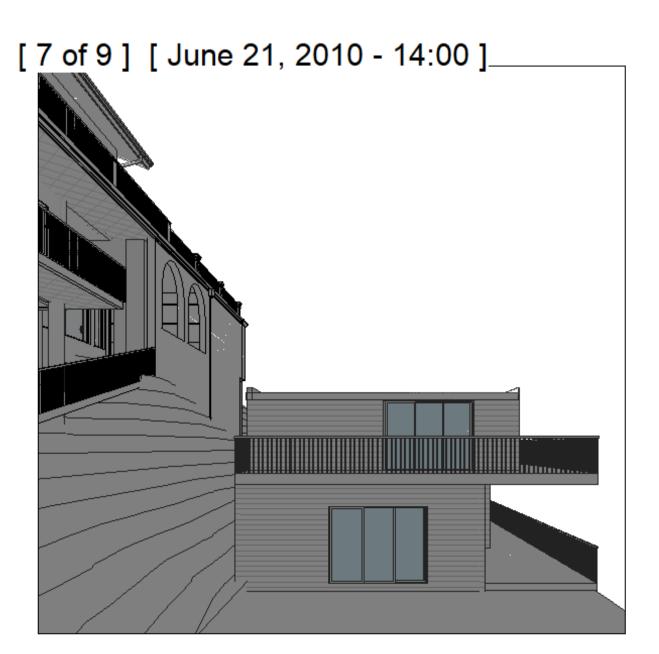
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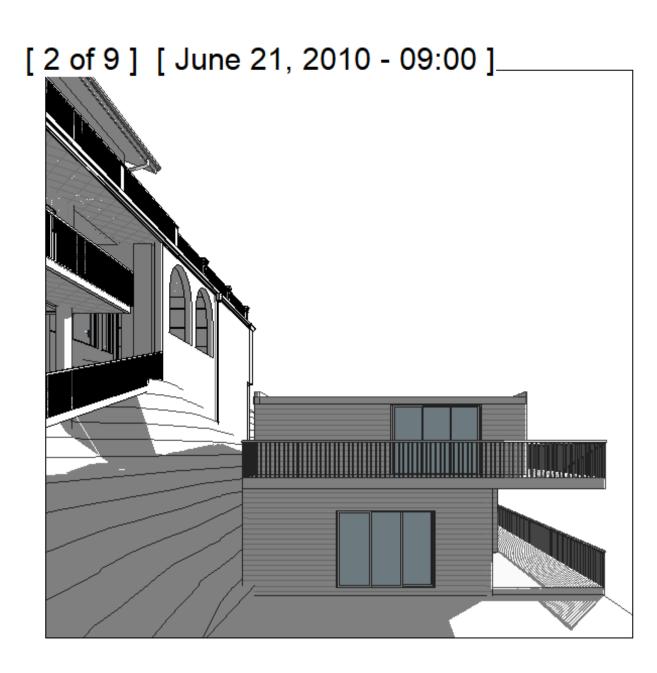
DWG No. 24103 - 20



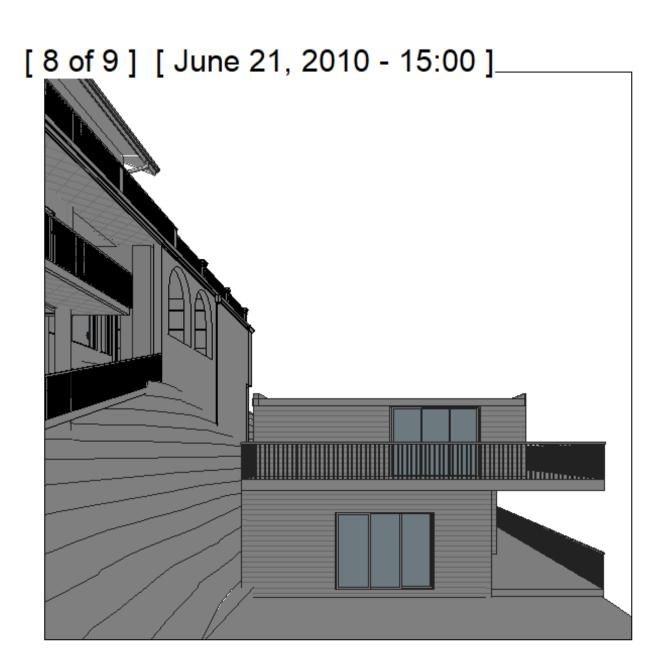
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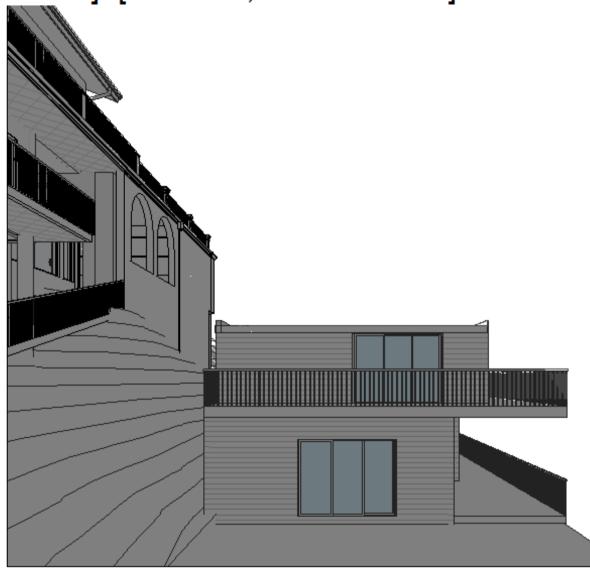


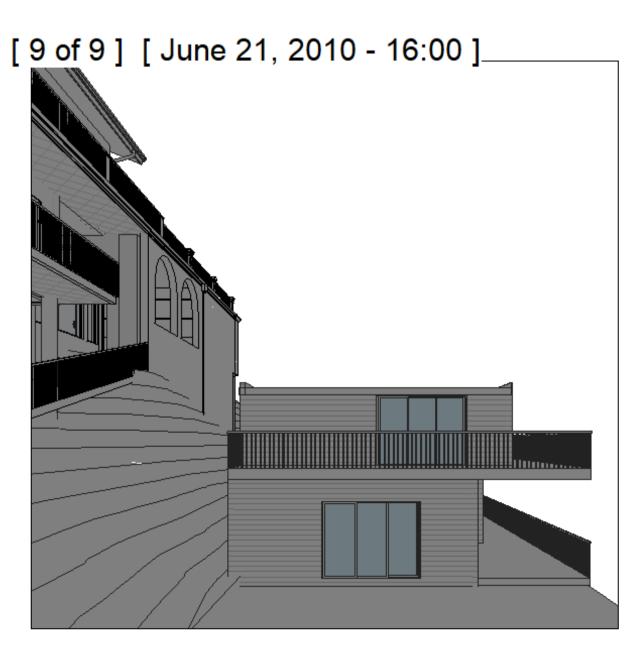


[5 of 9] [June 21, 2010 - 12:00]_____









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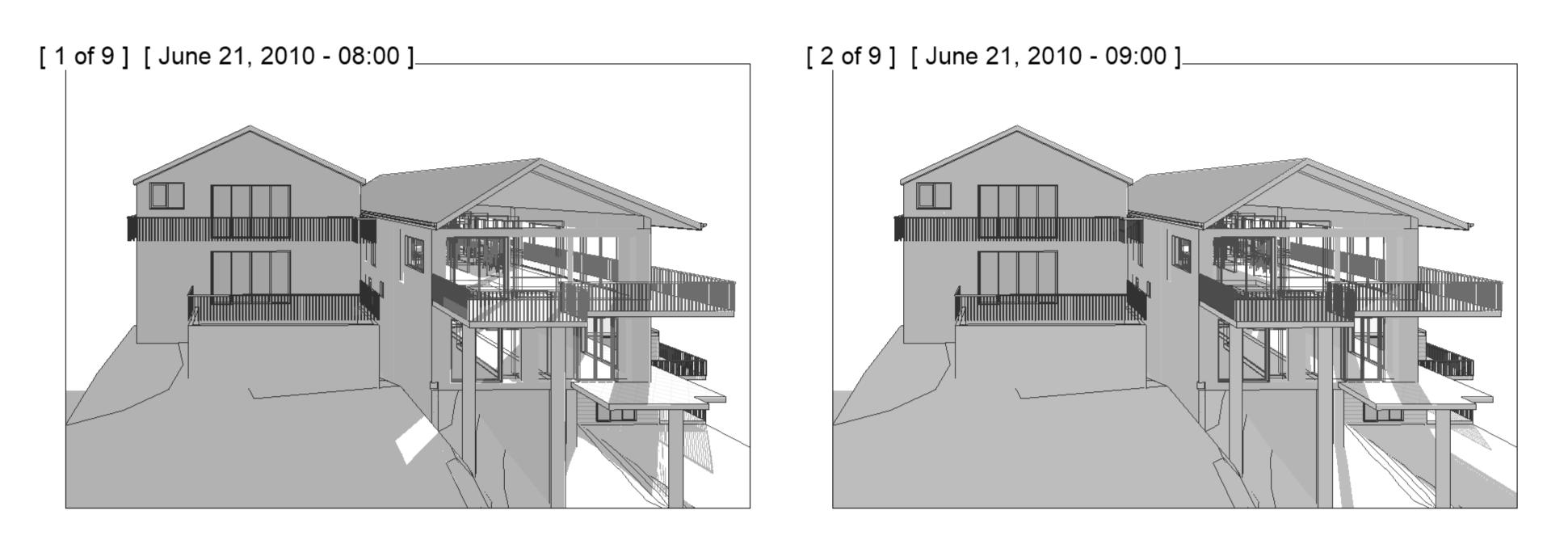
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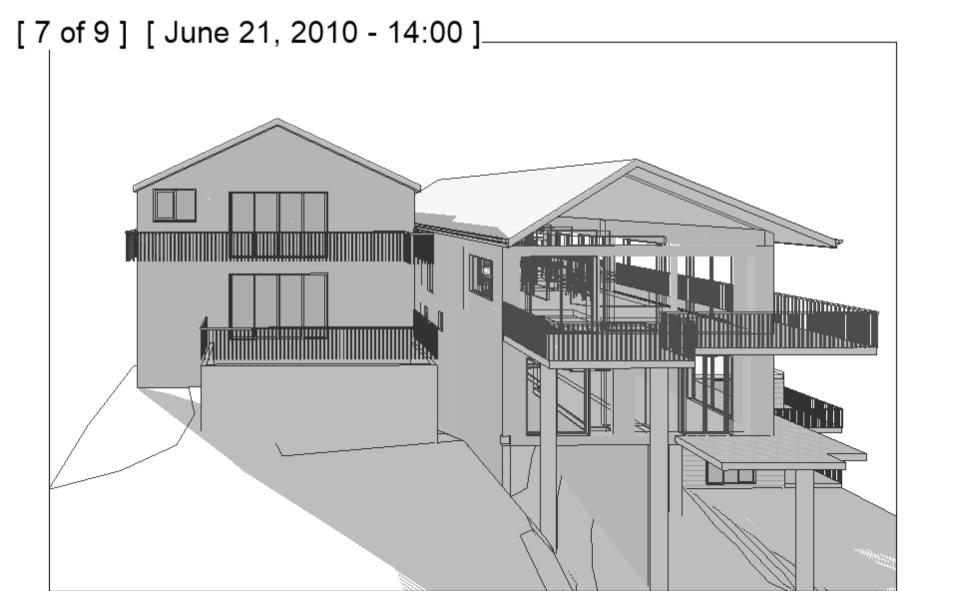
[6 of 9] [June 21, 2010 - 13:00]___

ALTERATIONS AND ADDITIONS DRAWING 5 VILLIERS ROAD, HEIGHTS NSW 2211 NO.3 PROPOSED SHADOW DIAGRAMS DESIGN BENITA ZEAITER DRAFTED FARAH KAYAL

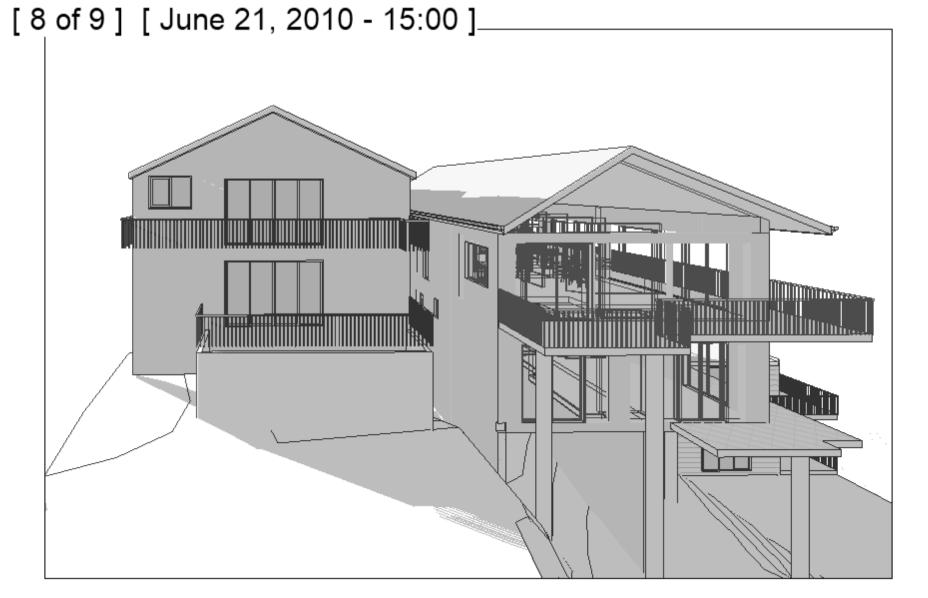
SCALE/ A3SAM KHOURYISSUEC 22.06.2025









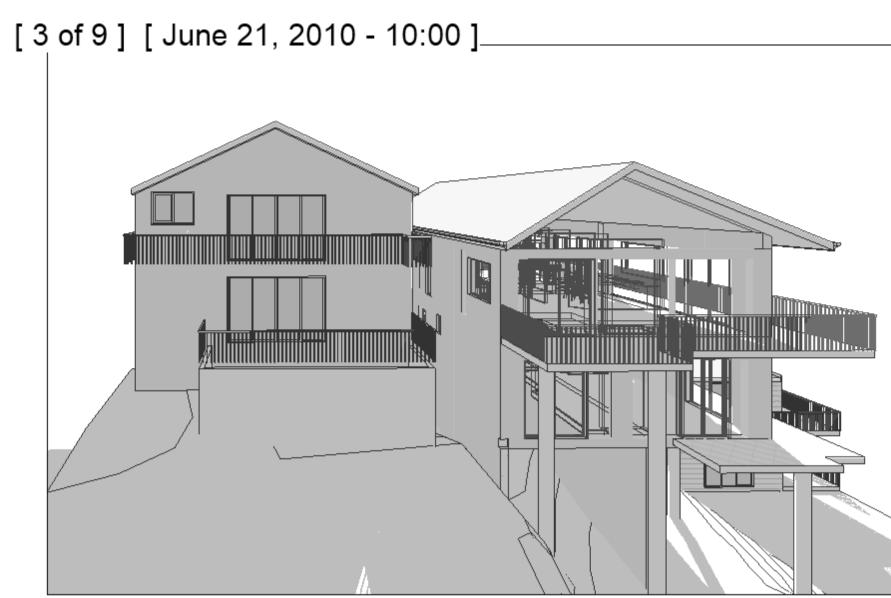


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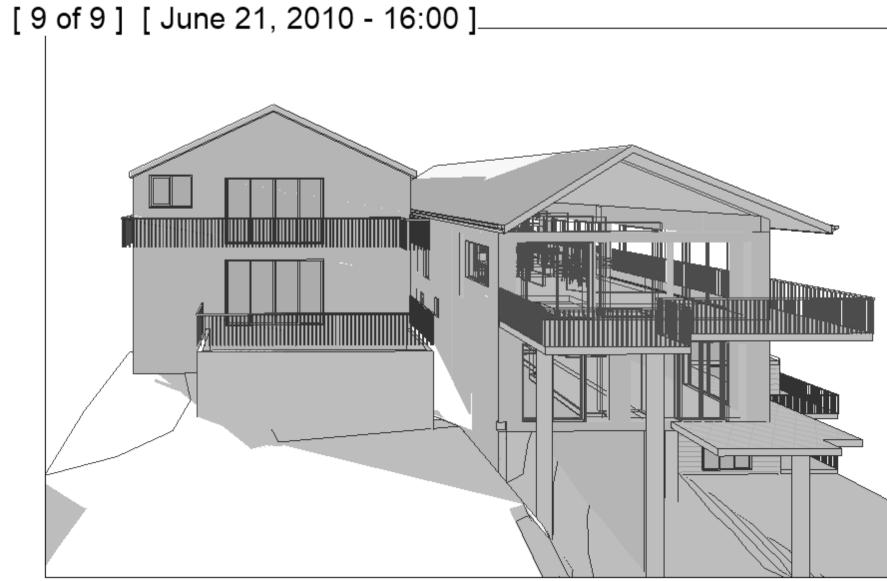
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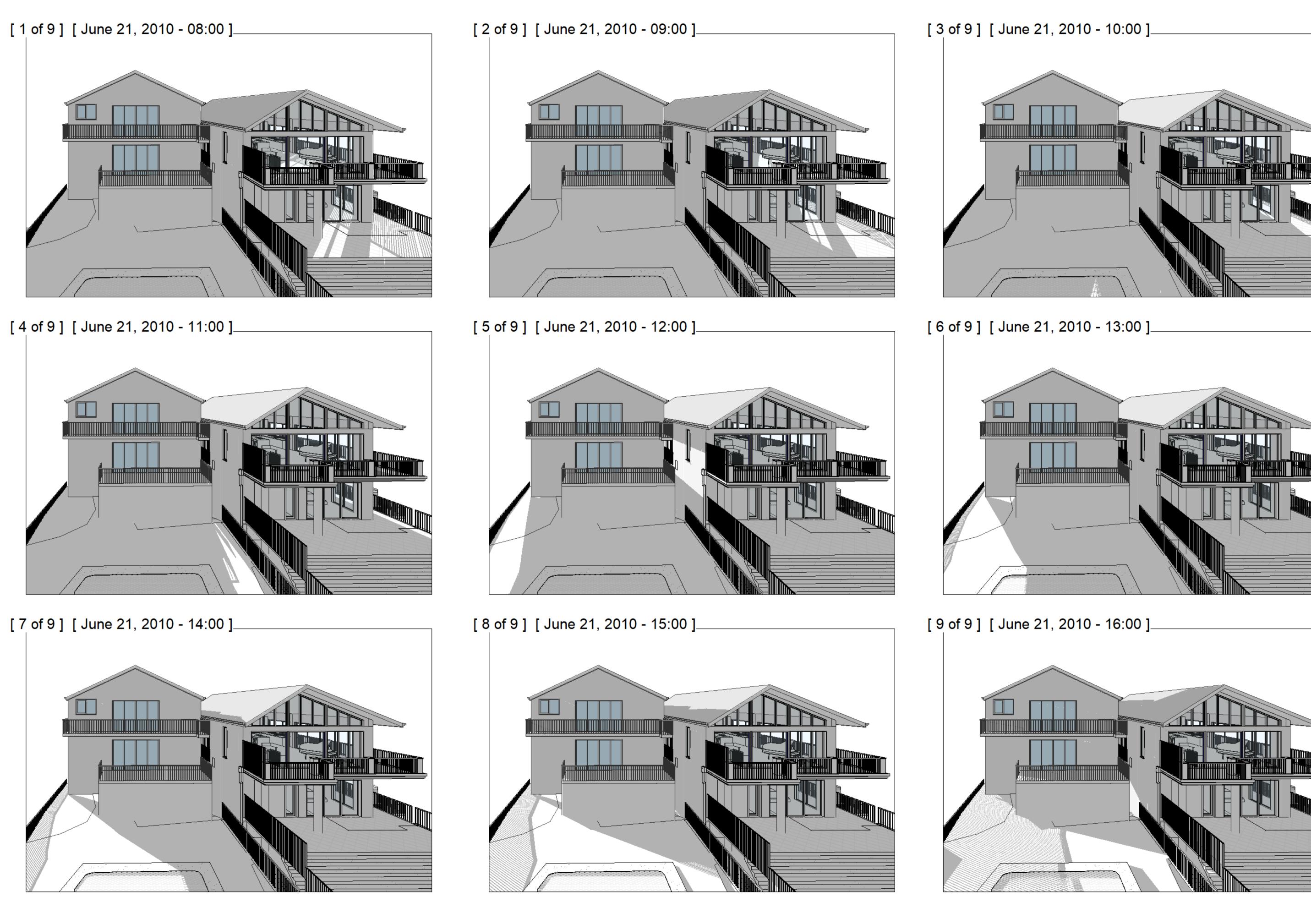


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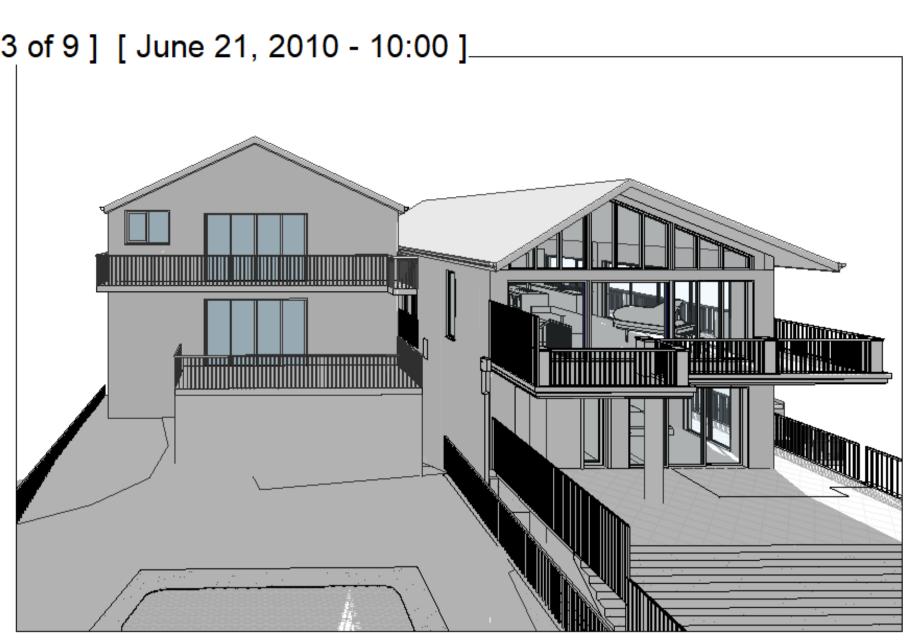
ALTERATIONS AND ADDITION	D R A W I N G
5 VILLIERS ROAD, HEIGHTS NSW 221	NO.7 EXISTING SHADOW DIAGRAMS
 BENITA ZEAITER FARAH KAYAL SAM KHOUR	SCALE / A3 ISSUE C 22.06.2025 DWG No. 24103 - 22

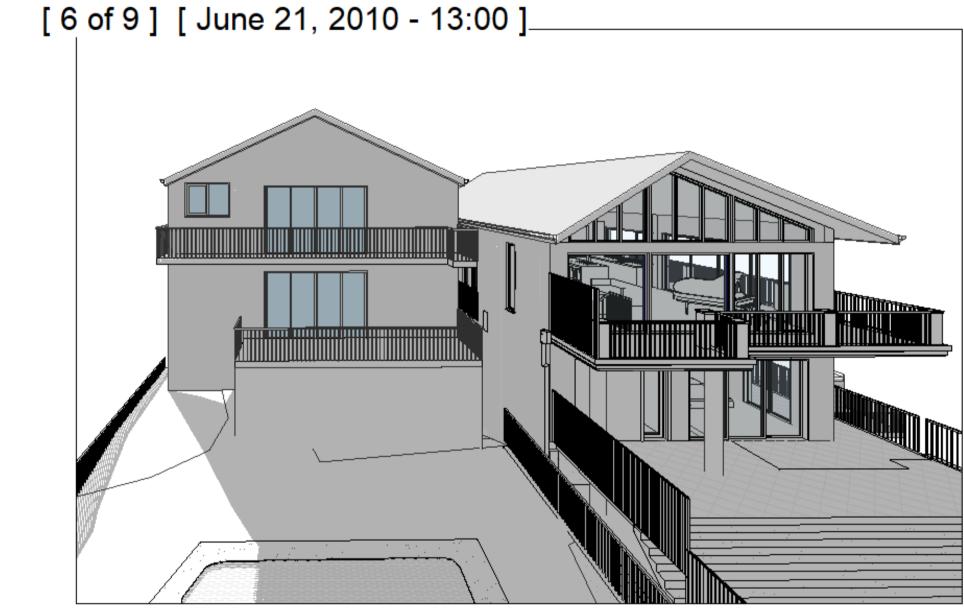


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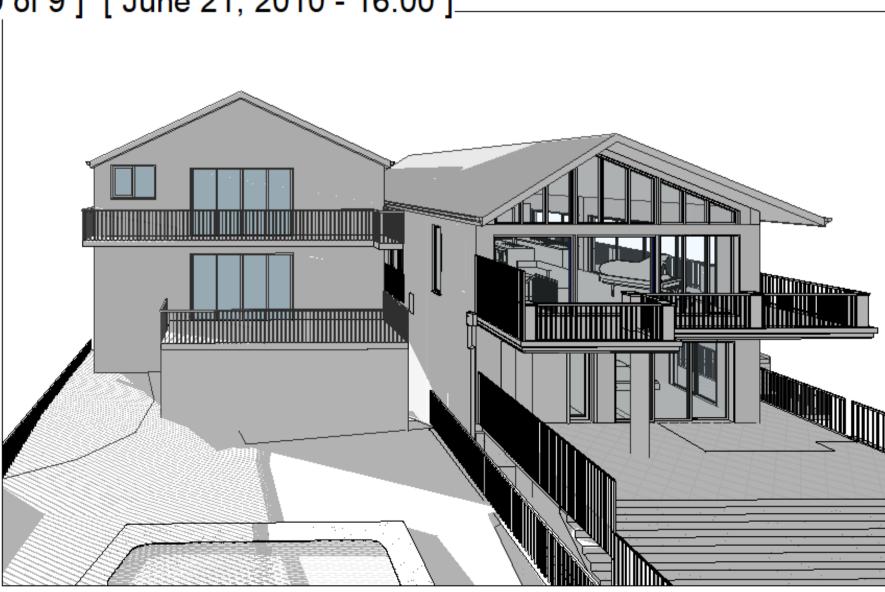
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[9 of 9] [June 21, 2010 - 16:00]__



	ALTERATIONS AND ADDITIONS	D R A W I N G	
	5 VILLIERS ROAD, HEIGHTS NSW 2211	NO.7 PROPOSED SHADOW DIAGRAMS	
E S I G N R A F T E D	BENITA ZEAITER FARAH KAYAL SAM KHOURY	SCALE / A3 ISSUE C 22.06.2025 DWG No. 2000	ź

SCHEDULE OF EXTERNAL MATERIALS, COLOURS AND FINISHES



NOTES

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AS SEEN FROM VILLIERS ROAD

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ALTERATIONS AND ADDITIONS

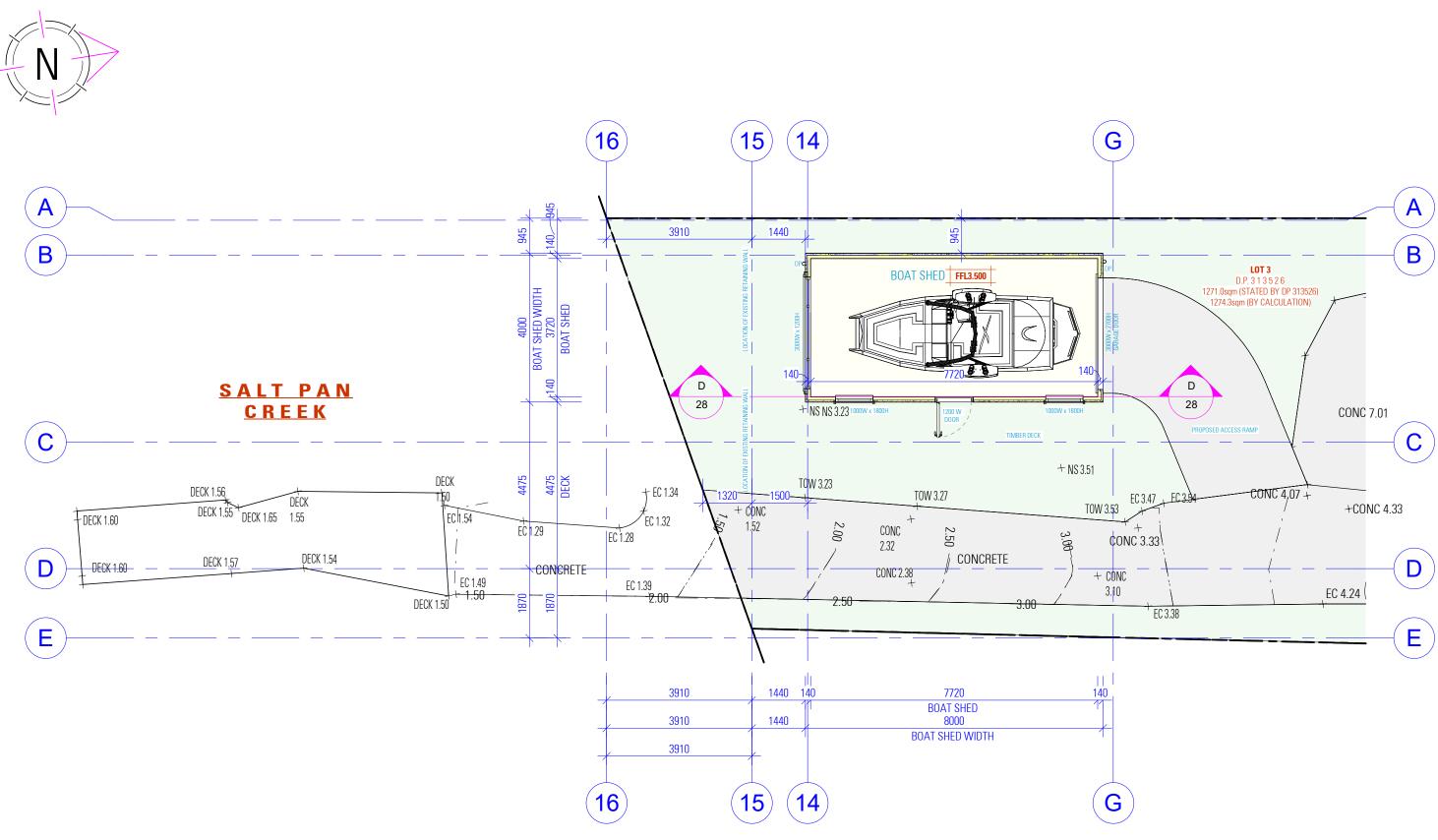
HEIGHTS NSW 2211

SCHEDULE OF EXTERNAL MATERIALS, 5 VILLIERS ROAD COLOURS AND FINISHES

SCALE

/ A3 SAM KHOURY ISSUE C 22.06.2025

dwg No. 24103 - 24



BOAT SHED PLAN

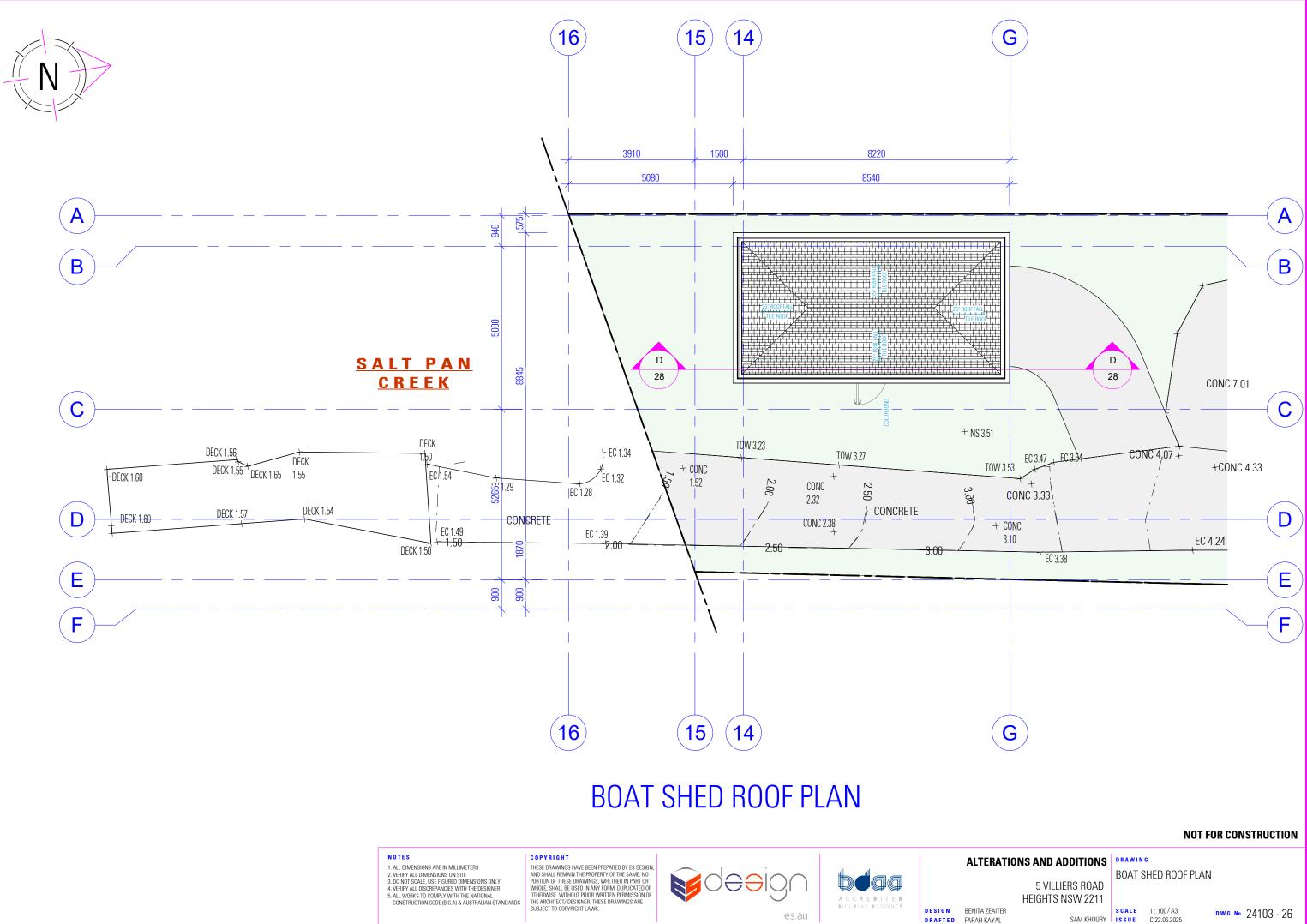
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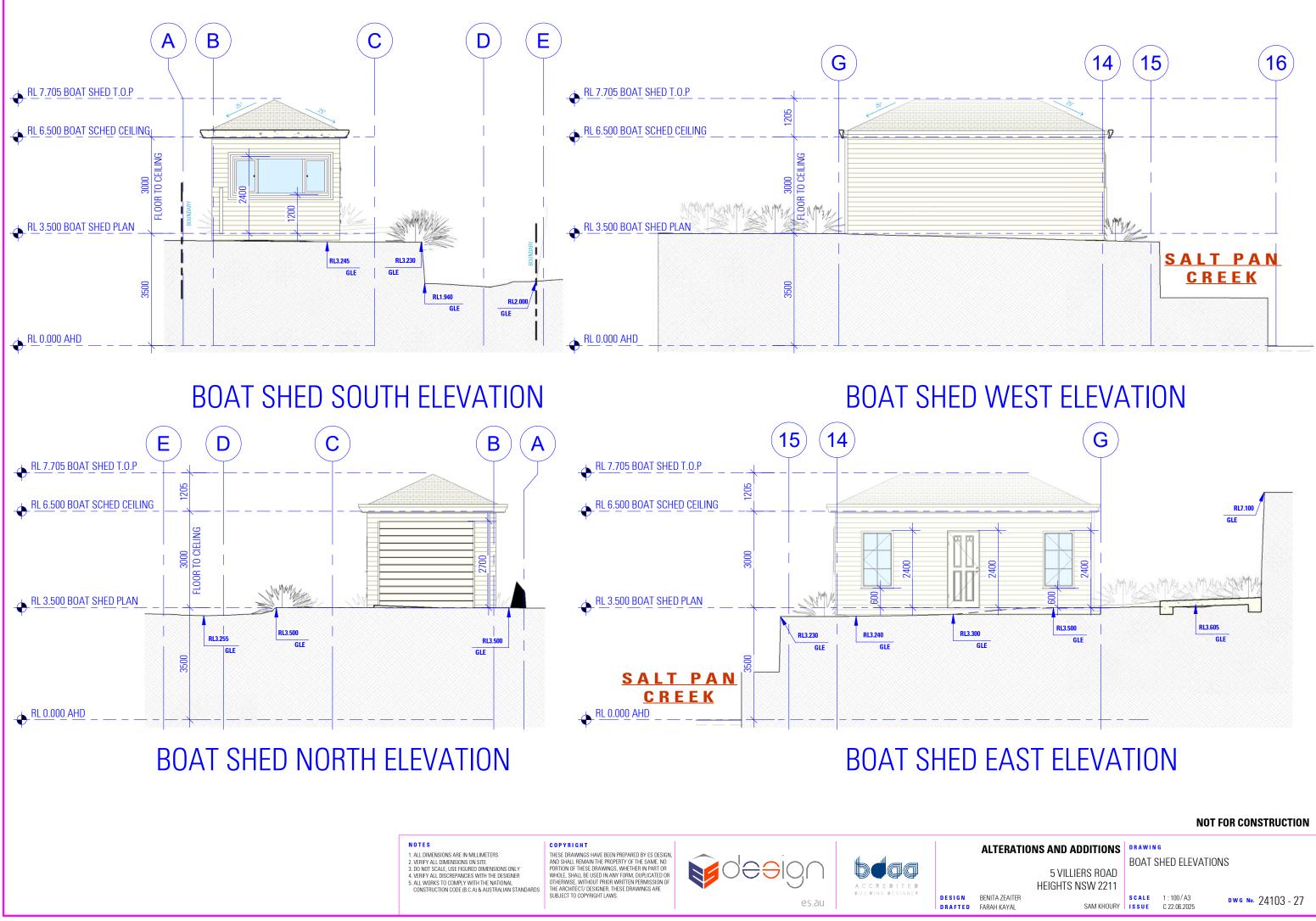


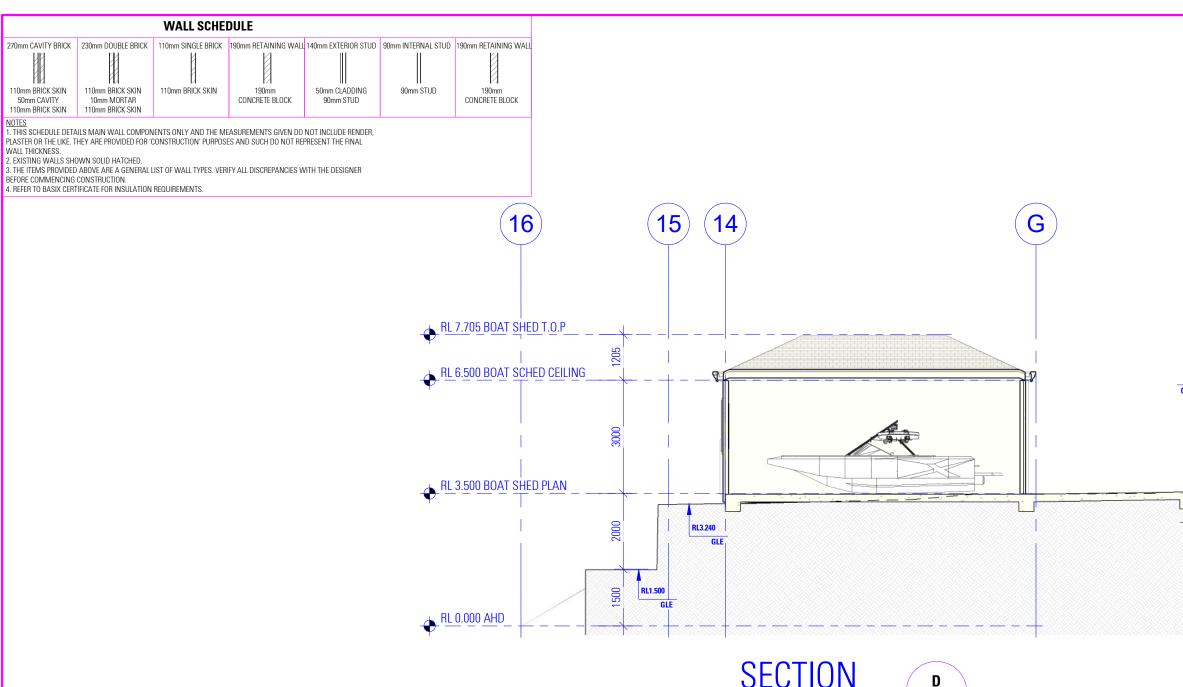


ALTERATIONS AND ADDITIONS	D R A W I N G			
5 VILLIERS ROAD	BOAT SHED PLAN			
HEIGHTS NSW 2211 BENITA ZEAITER FARAH KAYAL SAM KHOURY	SCALE 1:100/A3 ISSUE C22.06.2025 DWG No. 24103 - 25			



DRAFTED FARAH KAYAL





EARTHWORKS

NATIONAL CONSTRUCTION CODE (NCC) EARTHWORKS AND EXCAVATIONS ARE TO BE CARRIED OUT IN ACCORDANCE WITH BCA 2022 H1D3 AND HOUSING

PROVISIONS PART 3.2

 STORM WATER
 POWDER COATED ALUMINIUM GUTTERS & DOWNPIPES. REFER TO STORMWATER PLAN FOR ALL SITE DRAINAGE DETAILS AND CALCULATIONS.

NATIONAL CONSTRUCTION CODE (NCC)

- DBAINAGE IS TO BE IN ACCORDANCE WITH BCA 2022 H2D2 ROOF, WALL CLADDING, GUTTERS & DOWNPIPES ARE TO
- COMPLY WITH BCA 2022 H1D7 AND H2D6

TERMITE PROTECTION NATIONAL CONSTRUCTION CODE (NCC)

PROTECTION MUST BE IN ACCORDANCE WITH BCA 2022 H1D3 AND ABCB HOUSING PROVISIONS PART 3.4

- FOOTINGS AND SLABS PROPOSED FOOTINGS TO THE SPECIFICATIONS OF A QUALIFIED PRACTISING ENGINEER NATIONAL CONSTRUCTION CODE (NCC)
- FOOTINGS AND SLABS ARE TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH BCA 2022 H1D4 AND

AUSTRALIAN STANDARD (AS)

PILED FOOTINGS ARE TO COMPLY WITH AS 2159-2009

FLOORING

 PROPOSED FLOOR CONSTRUCTION TO THE SPECIFICATIONS OF A QUALIFIED PRACTISING ENGINEER. ALL PORCHES, VERANDAHS & THE LIKE TO HAVE A 85mm STEPDOWN FROM INTERNAL AREAS UNLESS NOTED OTHERWISE

• FOR ALL REDUCED LEVELS REFER TO FLOOR PLANS (ENGINEERS DETAILS TO SUPERSEED-CONFIRM WITH DESIGNER) SUB FLOOR VENTILATION IS TO COMPLY WITH BCA 2022 H2D5

NATIONAL CONSTRUCTION CODE (NCC)

- STEEL AND TIMBER FRAMING AND STRUCTURAL STEEL SECTIONS ARE TO COMPLY WITH BCA 2022 H1D6
- MASONRY, MASONRY COMPONENTS AND ACCESSORIES, AND WEATHERPROOFING OF MASONRY ARE TO COMPLY WITH BCA 2022 H1D5 AND H2D4
- SOUND INSULATION IS TO BE IN ACCORDANCE WITH BCA 2022 H4D8
- REINFORCED AUTOCLAVED AERATED CONCRETE IS TO COMPLY WITH AS 5146.1-2015
- CONCRETE POST-INSTALLED AND CAST-IN FASTENINGS IS TO COMPLY WITH SA TA 101
- ROOF AND WALL CLADDING ARE TO COMPLY WITH BCA 2022 H2D6

STRUCTURI

- NATIONAL CONSTRUCTION CODE (NCC) STAIR CONSTRUCTION IS TO COMPLY WITH PART 3.9.1 STRUCTURAL DESIGN TO BE IN ACCORDANCE WITH ACCEPTABLE CONSTRUCTION MANUALS AS LISTED IN PART
 - ATTACHMENT OF FRAMED DECKS AND BALCONIES TO EXTERNAL WALLS OF BUILDINGS USING A WALING PLATE IS TO COMPLY WITH BCA 2022 H1D11

EXTERNAL WATERPROOFING NATIONAL CONSTRUCTION CODE (NCC)

 EXTERNAL WATERPROOFING IS TO COMPLY WITH BCA 2022 H2D8

- GLAZING POWDER COATED ALUMINIUM FRAMED GLASS WINDOWS & DOORS LINEESS NOTED OTHERWIS
- NATIONAL CONSTRUCTION CODE (NCC) ALL GLAZING IS TO BE IN ACCORDANCE WITH BCA 2022 H1D8 AND H2D7

ROOFING

NATIONAL CONSTRUCTION CODE (NCC) ROOF CLADDING SHALL BE CARRIED OUT IN ACCORDANCE WITH PART 3 P

AUSTRALIAN STANDARD (AS)

- INSTALLATION OF ROOF TILES AS 2050
- DESIGN & INSTALLATION OF SHEET ROOF & WALL CLADDING AS 1562.1

- NATIONAL CONSTRUCTION CODE (NCC)
 THE FIRE HAZARD PROPERTIES OF MATERIALS ARE TO COMPLY WITH BCA 2022 H3D2 • FIRE SEPARATION OF EXTERNAL WALLS IS TO COMPLY WITH
- BCA 2022 H3D3

NOTES

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• FIRE PROTECTION OF SEPARATING WALLS AND FLOORS IS TO COMPLY WITH BCA 2022 H3D4 FIRE SEPARATION OF GARAGE-TOP-DWELLINGS IS TO COMPLY

WITH BCA 2022 H3D5 SMOKE ALARMS AND EVACUATION LIGHTING ARE TO COMPLY WITH BCA 2022 H3D6

HEALTH & AMENITY

2022 H4D9

THESE DRAWINGS HAVE BEEN PREPARED BY ES DESIGN

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- ALL BATHROOM, ENSUITES AND LAUNDRIES TO HAVE FLOOR WASTES AND BE SETDOWN AND WATERPROOFED. NATIONAL CONSTRUCTION CODE (NCC)
- WET AREAS ARE TO COMPLY WITH BCA 2022 H4D2
- MATERIALS AND INSTALLATION OF WET AREA COMPONENTS AND SYSTEMS ARE TO COMPLY WITH BCA 2022 H4D3 ROOM HEIGHTS ARE TO COMPLY WITH BCA 2022 H4D4 PROVISION OF LIGHT IS TO COMPLY WITH BCA 2022 H4D6
 PROVISION OF VENTILATION IS TO COMPLY WITH BCA 2022
- H4D7 SOUND INSULATION IS TO COMPLY WITH BCA 2022 H4D8 CONDENSATION MANAGEMENT IS TO COMPLY WITH BCA

SAFE MOVEMENT & ACCESS NATIONAL CONSTRUCTION CODE (NCC)

25

- STAIRWAY AND RAMP CONSTRUCTION ARE TO COMPLY WITH BCA 2022 H5D2 BARRIERS AND HANDRAILS ARE TO COMPLY WITH BCA 2022
- H5D3 • THE WINDOW IS TO BE FITTED WITH EITHER A DEVICE TO RESTRICT THE WINDOW OPENING, OR A SUITABLE SCREEN, SO
- A 125mm SPHERE CANNOT PASS THROUGH. THE DEVICE OR SCREEN CAN HAVE A CHILD RESISTANT RELEASE MECHANISM (E.G. A KEY LOCK) WHICH CAN ENABLE THE DEVICE OR SCREEN TO BE REMOVED. UNLOCKED OR OVERRIDDEN. (SO FOR EXAMPLE, THE WINDOW CAN BE CLEANED)
- A BARRIER IS NOT REQUIRED FOR WINDOWS 1.7m OR MORE ABOVE THE FLOOR LEVEL.

- EXTERNAL FINISHES REFER TO SCHEDULE OF EXTERNAL MATERIALS, COLOURS AND FINISHES FOR MORE DETAILS.
- H7D4

REQUIREMENTS

H7D2

BUSHFIRE





ANCILLARY PROVISIONS AND ADDITIONAL CONSTRUCTION

NATIONAL CONSTRUCTION CODE (NCC) • SWIMMING POOLS ARE TO COMPLY WITH BCA 2022 NSW

 CONSTRUCTION IN BUSHFIRE PRONE AREAS IS TO COMPLY WITH BCA 2022 NSW H7D4
 HEATING APPLIANCES, FIREPLACES, CHIMNEYS AND FLUES

ARE TO COMPLY WITH BCA 2022 H7D5

LANDSCAPE • REFER TO LANDSCAPE PLAN FOR ALL PLANTING AND OUTDOOR SURFACE TREATMENTS

THE RECOMMENDATIONS PROVIDED WITHIN THE BUSHFIRE ASSESSMENT REPORT ARE TO BE ADHERED TO. IN THE EVENT THAT THERE ARE INCONSISTENCIES, THE BUSHFIRE REPORT RECOMMENDATIONS ARE TO TAKE PRECEDENCE NATIONAL CONSTRUCTION CODE (NCC)

BUSHFIRE AREAS ARE TO BE IN ACCORDANCE WITH BCA 2022

STRUCTURAL SOFTWARE USED IN COMPUTER AIDED Design of a building or structure that uses design CRITERIA BASED ON THE DEEMED-TO-SATISFY PROVISIONS OF NCC VOLUME TWO AND THE ABCB HOUSING PROVISIONS. INCLUDING ITS REFERENCED DOCUMENTS, FOR THE DESIGN OF STEEL OR TIMBER TRUSSED ROOF AND FLOOR SYSTEMS AND FRAMED BUILDING SYSTEMS, MUST COMPLY WITH THE ABCB PROTOCOL FOR STRUCTURAL SOFTWARE WHERE RELEVANT, AS REFERRED TO IN ABCB HOUSING PROVISIONS PART 2.2.5

THE DEVELOPMENT HAS BEEN DESIGNED TO BEST MEET THE GUIDELINES OF COUNCIL & THE NATIONAL CONSTRUCTION CODE (ALL WORK ON SITE SHALL BE CARRIED OUT IN A SIMILAR MANNER TO ADHERE TO THE REQUIREMENTS OF COUNCIL AND THE NCC)

MINOR CHANGES TO BUILDING FORM AND CONFIGURATION MAY BE REQUIRED WHEN DRAWINGS ARE SUBSEQUENTLY PREPARED FOR CONSTRUCTION PURPOSES AFTER THE GRANT OF DEVELOPMENT CONSENT

NOT FOR CONSTRUCTION

ALTERATIONS AND ADDITIONS

5 VILLIERS ROAD HEIGHTS NSW 2211

SAM KHOURY ISSUE

BOAT SHED SECTION

SCALE 1:100/A3

C 22.06.2025

DWG No. 24103 - 28

SCHEDULE OF EXTERNAL MATERIALS, COLOURS AND FINISHES

- ALUMINIUM ROOF SHEETING RANGE: COLORBOND COLOUR: MONUMENT GREY OR ACCEPTABLE EQUIVALENT
- ALUMINIUM GUTTERS AND DOWNPIPES RANGE: DULUX COLOUR: MONUMENT GREY OR ACCEPTABLE EQUIVALENT
- CEMENT RENDER AND PAINT EXTERNAL WALLS DULUX COLOUR: MONUMENT GREY
- POWDER-COATED ALUMINIUM WINDOWS AND GLASS DOORS RANGE: DULUX COLOUR: DEEP FOSSIL
- ALUMINIUM SECTIONAL ROLLER GARAGE DOOR RANGE:DULUX **COLOUR: DEEP FOSSIL** OR ACCEPTABLE EQUIVALENT
- SOLID CORE ENTRY DOOR COLOUR: DEEP FOSSIL OR ACCEPTABLE EQUIVALENT



NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS
 2. VERIFY ALL DIMENSIONS ON SITE
 3. DO NOT SCALE, USE FIGURED DIMENSIONS ONLY
 4. VERIFY ALL DISCREPANCIES WITH THE DESIGNER
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ALTERATIONS AND ADDITIONS

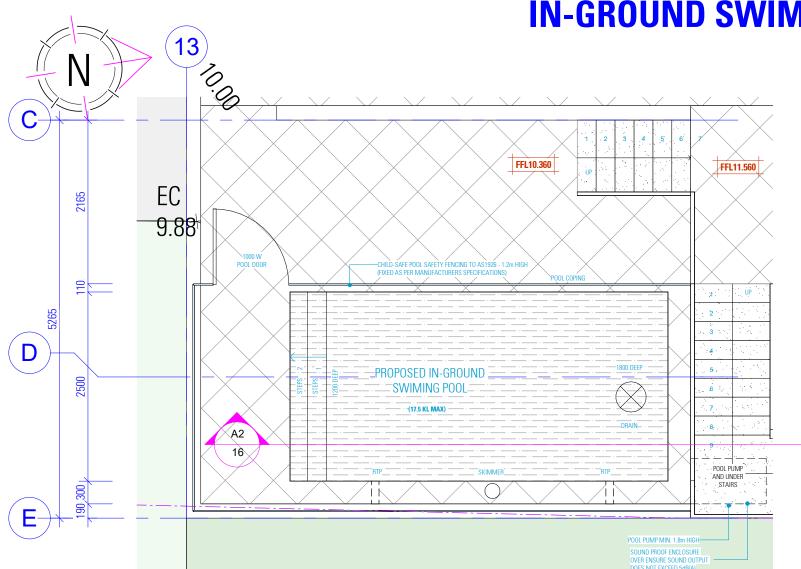
HEIGHTS NSW 2211

BOAT SHED SCHEDULE OF EXTERNAL 5 VILLIERS ROAD MATERIALS, COLOURS AND FINISHES

> SCALE SAM KHOURY ISSUE C 22.06.2025

/ A3

DWG №. 24103 - 29



IN-GROUND SWIMMING POOL DETAILS

OW POOL GATE (ENSURE OUTWARDS OPENING WITH POOL-SAFE LOCK LOCATED MIN. 1500H) -CHILD-SAFE POOL SAFETY FENCING TO AS1926 - 1.2m HIGH (FIXED AS PER MANUFACTURERS SPECIFICATIONS) ABOUND POOL PERIMETER (300mm WIDE) Imm THICK SMOOTH FACED SANDSTONE PIECE **IN-GROUND** SWIMMING POOL -17.5 KL MAX-A2 16

PROPOSED SITE PLAN

- SWMMING POOL REQUIREMENTS:

 GENERAL REQUIREMENTS

 •
 ALL POOLS MUST BE SEPARATED FROM RESIDENTIAL BUILDINGS AND ADJOINING PUBLIC OR PRIVATE PROPERTIES BY A COMPLYING CHILD-RESISTANT BARRIER (MUST BE IN ACCORDANCE WITH THE REGULATIONS AND AS1926.1-2007 SWIMMING POOL SAFETY).

 •
 NO DOOR ACCESS FROM A RESIDENTIAL BUILDING INTO AN OUTDOOR POOL IS PERMITTED

 •
 ONLY STRUCTURES ASSOCIATED WITH THE POOL (FILTER HOUSING, ETC.) ARE PERMITTED

 •
 ONLY STRUCTURES ASSOCIATED WITH THE POOL (FILTER HOUSING, ETC.) ARE PERMITTED
- STRUCTURES SUCH AS CLOTHES LINES, BARBEQUE, SHEDS, ENTERTAINMENT STRUCTURE, OUTSIDE TOILETS, ETC, MUST ALL BE LOCATED OUTSIDE THE CHILD RESISTANT BARRIER

POOL FER

- SWIMMING POOL FENCING AND OTHER BARRIERS TO BE PROVIDED TO THE POOL AREA IN ACCORDANCE WITH THE SWIMMING POOLS ACT 1992. BOUNDARY FENCE TO BE 1.5m IN HEIGHT, MEASURED FROM INSIDE OF THE FENCING. SWIMMING POOL FENCING TO BE AT LEAST 1.2m HIGH, MEASURED ON THE OUTSIDE OF THE FENCING. MININUM SOURT SEPARATION BETWEEN THE UPPER AND LOWER HORIZONTAL MEMBERS TO MAINTAIN NON-CLIMBABLE ZONE HORIZONTAL MEMBERS OF THE FENCE SHOULD BE FLACED ON THE INSIDE OF THE FENCE AND BE AT LEAST 900mm APART. THE SPACING OF VERTICAL MEMBERS OF THE FENCE SHALL NOT EXCEED 100mm. THE HEIGHT OF ANY OPENING BETWEEN THE HENCE SHALL NOT EXCEED 100mm. THE HEIGHT OF ANY OPENING BETWEEN THE BOTTOM OF THE FENCE AND BE AT LEAST 900mm OUTSIDE THE FOOL AREA. NON-CLIMBABLE ZONE EXTENSIFIED THE BOTTOM OF THE FENCE AND HOLES, BROKEN OR LOOSE PALINGS). NON-CLIMBABLE ZONE EXTENSIFIED SHOULT BO LEFUCE 3000 THE INTO THE POOL AREA AND SOME OUTSIDE THE FROCE ARD ARE AND SOME OUTSIDE THE FOOL AREA. TO NON-CLIMBABLE ZONE EXTENSIFIED SHOW THE OBJECTS SUCH AS BARBEOUES, FURNITURE, PLANTER BOXES, TREES OR SHRUB ARE NOT PERMITTED WITHIN THIS NON-CLIMBABLE ZONE
- WITHIN THIS NON-CLIMBABLE ZONE IF THE WALL OF THE HOUSE FORMS PART OF THE APPROVED CHILD-RESISTANT BARRIER TO THE POOL AREA (ie. IN RELATION TO POOLS INSTALLED
- THE PROPERTY OF A DECEMBER OF POOL GATES
- GATES TO THE SWIMMING POOL AREA ARE TO OPEN OUTWARDS AND ARE TO BE FULLY SELF-CLOSING AND SELF-LATCHING FROM ANY OPEN
- POSITION. NO DOUBLE GATES ARE PERMITTED
- NO DOUBLE GATES ARE PERMITTED GATES ARE NOT TO BE PROPPED OPEN AT ANY TIME. THE LATCHING DEVICE TO THE POOL GATE IS TO BE LOCATED A MINIMUM 1.5m ABOVE GROUND LEVEL AND 1.4m FROM THE HIGHEST LOWER HORIZONTAL BARRIER MEMBER OR, ALTERNATIVELY, THE DEVICE IS TO BE LOCATED INSIDE THE GATE AND THE LATCHING DEVICE IS TO BE APPROPRIATELY SHIELDED FROM THE OUTSIDE IN ACCORDANCE WITH AS 1926.1-2012 (EXCLUDING CLAUSE 2.8 OF THE STANDARD) TO ENSURE THE LATCHING DEVICE IS ONLY ACCESSIBLE BY REACHING OVER THE GATE. GATE WIDTH IS TO BE KEPT TO A MINIMUM IN MORE THAN IN METRE) TO MINIMISE THE POSSIBILITY OF THE WEIGHT OF THE GATE CAUSING THE GATE WIDTH THE SELF-LATCHING MECHANISM FAILING.
- SPA POOLS
- SPA POOLS ARE ALSO COVERED BY THE LEGISLATION AND SHOULD BE SEPARATED BY A CHILD-RESISTANT POOL SAFETY BARRIER IN ACCORDANC OF A FOLD AND ALSO COVENED OF THE CENTENTIAN AND SHOULD BE SEMARATED OF A CHILD-THENRIAM FOLD SAFET FORMING IN ACCUMUA WITH AUSTRALMAN STANDARD A ST926 1-2007. ALTERNATIVELY, THE SPA POOL MUST BE COVERED AND SECURED BY A LOCKABLE CHILD-SAFE STRUCTURE (SUCH AS A DOOR, LID, GRILLE OR MESH), SUCH LOCKABLE STRUCTURE MUST BE ABLE TO BE REMOVED/INSTALLED AND LOCKED BY A SINGLE PERSON.
- **RESUSCITATION WARNING SIGN**
- PRIATE RESUSCITATION WARNING SIGN (AVAILABLE FROM COUNCIL OR THE ROYAL LIFE SAVING SOCIETY) IS DISPLAYED IN A AN APPRO
- AM APPHOPMATE RESUSCITATION WARKING SIGN (WALLAGE FROM COUNCIL OF THE HOTAL LIFE SAVING SUCIEIT) IS DISPL PROMINART POSITION IN THE IMMEDIATE 'UCINITY OF THE POOL AREA. THE FOLLOWING WARKING STATEMENTS MUST BE CONTAINED WITHIN THE RESUSCITATION SIGN. YOUNG CHLIDRENS SHOLLD BE SUPERVISED WHEN USING THIS SWIMMING POOL POOL GATES MUST BE KEPT CLOSED AT ALL TIMES KEEPE ARTICLES, OBJECTS AND STRUCTURES AT LEAST 900 MM CLEAR OF THE POOL FENCE AT ALL TIMES THE RESUSCITATION SIGN. MUST BE: LEGIBLE FROM A DISTANCE OF AT LEAST THREE METRES MAINTAINED IN A CHEARY USERIE FORMUTION
- MAINTAINED IN A CLEARLY LEGIBLE CONDITION

REFER TO THE SWIMMING POOLS ACT 1992, THE SWIMMING POOLS REGULATION 2018 AND AUSTRALIAN STANDARD AS 1926.1-2012 (EXCLUDING CLAUSE 2.8 OF THE STANDARD) FOR A COMPLETE LIST OF REQUIREMENTS

NOTES 1 ALL DIMENSIONS ARE IN MILLIMETERS. ALL DIMENSIONS AND IN MILLINE LENS
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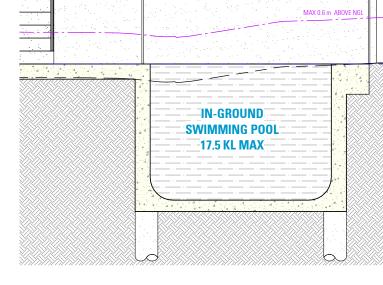
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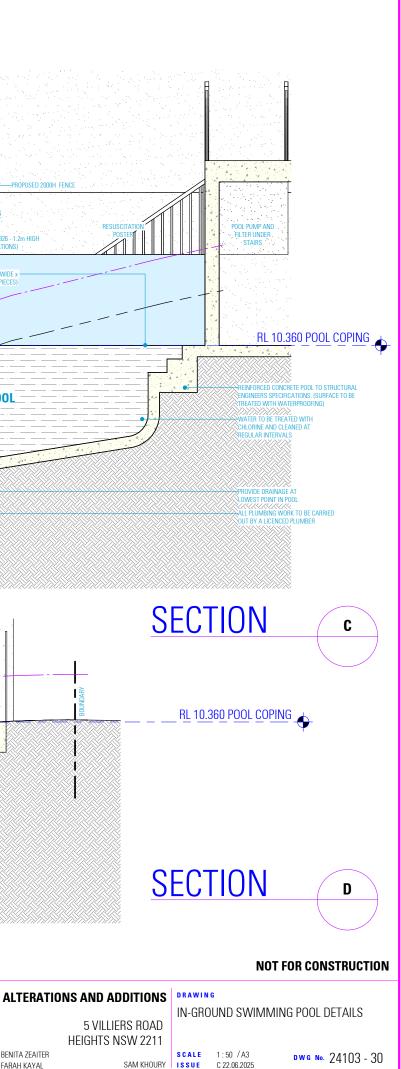
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DESIGN BENITA ZEAITER DRAFTED FARAH KAYAI





NOTES:

- REFER TO STORMWATER PLAN FOR STORMWATER DETAILS / SEDIMENT AND EROSION CONTROL PLAN
- REFER TO STRUCTURAL PLAN FOR RETAINING WALL DETAILS • REFER TO STORMWATER PLAN AND BASIX REPORT FOR
- RAINWATER TANK DETAILS • ALL BOUNDARY FENCING TO BE MAINTAINED OR
- CONSTRUCTED AT A HEIGHT OF 1800mm ABOVE NGL

TOTAL SITE A LOWER GROU GROUND FLO FIRST FLOOR BOAT SHED TOTAL GROSS FLOOR SPACE LANDSCAPE LANDSCAPE LANDSCAPE IMPREVIOUS PRIVATE OPE HARDSTAND



LANDSCAPE AREA CALCULATION PLAN

NOTES

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SITE CALCULATION									
ITEM		REQUIREMENT	EXISTING	PROPOSED					
AREA				1274.3sqm					
ound floor area			- sqm	149.87sqm					
OOR AREA			103.55sqm	213.02sqm					
r area			124.44sqm	165.39sqm					
AREA			- sqm	28.72 sqm					
SS FLOOR AREA		<637.15 sqm	227.99sqm	557sqm					
CE RATIO		<0.5:1.0		0.43:1.0					
E AREA (SITE)				452.74sqm					
E AREA (FORWARD BUI	LDING LINE)	>41.87 sqm		46.70sqm					
E AREA (BEHIND BUILD	ING LINE)			413.00sqm					
S AREA		< 75% (955.72 m²)		866.87 m ²					
'EN SPACE	(MIN. 5.0m WIDE)	>80.00	sqm	>80.00 sqm					
D SPACE	2883W x 6000L	ONE SP	ACE	TWO SPACES					



LANDSCAPE AREA (FRONT) 46.70 m²

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ALTERATIONS AND ADDITIONS

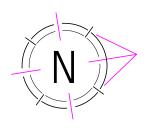
LANDSCAPE AREA CALCULATION SHEET

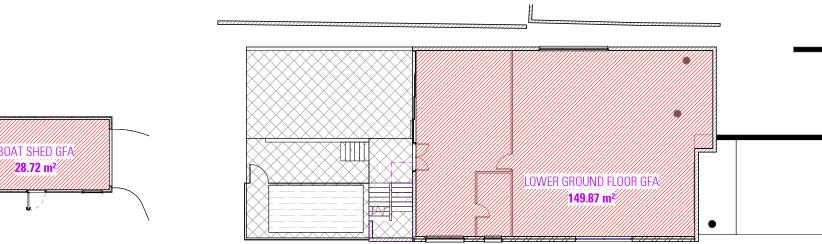
5 VILLIERS ROAD HEIGHTS NSW 2211

SAM KHOURY ISSUE C 22.06.2025

SCALE 1:300 / A3

Dwg №. 24103 - 31



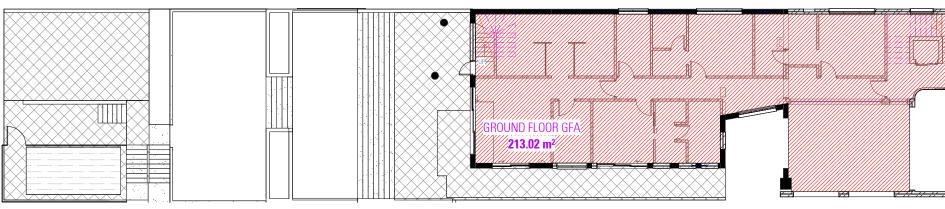


BOAT SHED GFA

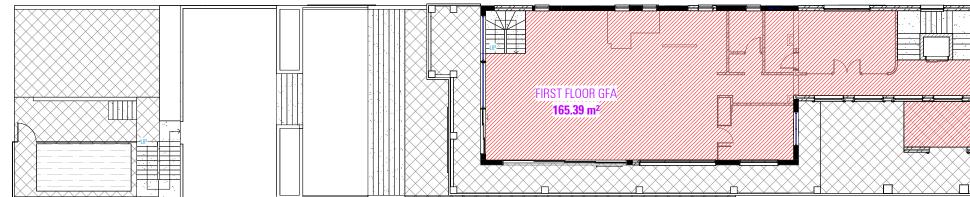
28.72 m²

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LOWER GROUND FLOOR GFA



GROUND FLOOR GFA



FIRST FLOOR	GFA
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SITE CALCULATION								
ITEM		REQUIREMENT	EXISTING	PROPOSED				
TOTAL SITE AREA				1274.3sqm				
LOWER GROUND FLOOR AREA			- sqm	149.87sqm				
GROUND FLOOR AREA			103.55sqm	213.02sqm				
FIRST FLOOR AREA	FIRST FLOOR AREA			165.39sqm				
BOAT SHED AREA		- sqm	28.72 sqm					
TOTAL GROSS FLOOR AREA		<637.15 sqm	227.99sqm	557sqm				
FLOOR SPACE RATIO		<0.5:1.0		0.43:1.0				
LANDSCAPE AREA (SITE)				452.74sqm				
LANDSCAPE AREA (FORWARD BUI	LDING LINE)	>41.87 sqm		46.70sqm				
LANDSCAPE AREA (BEHIND BUILD	ING LINE)			413.00sqm				
IMPREVIOUS AREA	IMPREVIOUS AREA			866.87 m ²				
PRIVATE OPEN SPACE	(MIN. 5.0m WIDE)	>80.00	sqm	>80.00 sqm				
HARDSTAND SPACE	2883W x 6000L	ONE SP	ACE	TWO SPACES				

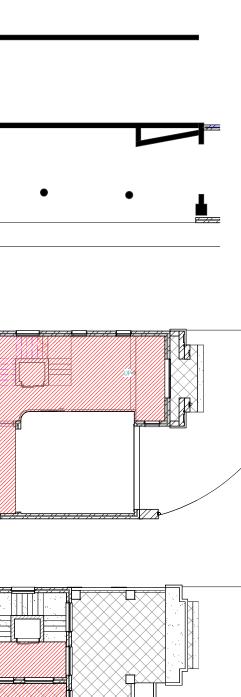
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ALTERATIONS AND ADDITIONS GROSS FLOOR AREA CALCULATION 5 VILLIERS ROAD SHEET HEIGHTS NSW 2211 SCALE 1:200/A3 ^d wg №. 24103 - 32 DRAFTED FARAH KAYAL SAM KHOURY ISSUE C 22.06.2025

BASIX Certificate

Alterations and Additions

ws and glazed doors

he applicant

NSW

	Local Government Area Ca				
Certificate number: A1776284	Plan type and number	Deposit			
	Lot number	3			
This certificate confirms that the processed development will meet the NSW	Section number	-			
government's requirements for sustainability, if it is built in accordance with the	Project type				
commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated	Dwelling type	Dwelin			
10/09/2020 published by the Department. This document is available at www.bask.now.gov.au	Type of alteration and addition	The est renova include			
Scoretary	N/A	N/A			
Date of issue: Wednesday, 18 December 2024 To be valid, this certificate must be lodged within 3 months of the date of issue.	Certificate Prepared by processments				
shifts	Name / Compony Name: Noura Al Hazzouri ABN (if applicable): 80873396711				
NICHI					

we, glazed doors and shading devices, in accordance with the solfications must be satisfied for each window and glazed doo

Each window or glazed door with standard aluminium or limber transes and single clear or toned glaze may either match the decorption, or, have a Uvalue and a Sobar Head Gain Coofficient (SHGC) no gradier than that listed in the table blow. Totall Uvalues and SHGCs must be activated in accordance with National Exercision Rating Council (NHRC) conditions.

For projections described in millimetres, the loading edge of each eave, pergeta, vorandah, balcony or awing must be no more than 000 mm above the head of the window or glazed door and no more than 2400 mm above the sit.

Pegida with fact latters must have batters parallel to the window or gizzed door alows which they are charact, unless the pergida also should be a perpendicular window. The spacing batters batters must not be more than 50 mm. Coerchardware to be imported with the of the height and datases from the contex and the base of the window and glassed door, as specified the browsholdware globall min the table batters.

Auea of glass including

ate roof or similar translucent material must have a shacing coefficient of less than 0.35.

ed as a ratio, the ratio of the projection from the wall to the height above the window or glazed door sill must be

Overshadowing Overshadowing Studing height (m) distance (m) device

Area of glass Overshadowing Overshadowing Studies Freme and including height (m) distance (m) device glass type

eavel verantati pergola/balcony >=900 mm

standard aluminium, single clear, (c U-value: 7.63, SH3C: 0.75)

Frame and plane type

earer verandal before before before before verandal verandal before verandal before verandal before befor

SH4CC.0.76) exercited secretized >=000 mm >=000 mm secretized secretized secretized ==000 mm secretized secretized ==000 mm secretized ==0000 mm secretized ==0000 mm secretized ==000 mm

Project address		
Project name	5_68	
Street address	5 VILLIERS ROAD - PADSTOW HEIGHTS 2011	
Local Government Area	Canterbury-Bankstown Council	
Plan type and number	Deposited Plan 313526	Fool and Spa
Lot number	3	and the second se
Section number	-	Rainwater tank
Project type	- Ri - B	The applicant must install a rainwater tank of at least 0 litres on the site. T with the requirements of all applicable regulatory sufficients.
Dwelling type	Owelling house (detached)	The applicant must configure the rainwater tank to collect rainwater runof
Type of alteration and addition	The estimated development cost for my ratio-ation work is \$20,000 or more, and includes a pool (and/or spa).	The applicant must connect the rainwater tank to a tap located within 10 r
N/A	N/A	
et a station and a station of the second states		Outdoor swimming pool
Cerunicate Prepared by p	ease eariptate before submitting to council or PCA)	The swimming pool must be outdoors.
Name / Company Name: Noura Al I	lazzouri	
ABN (f applicable): 80873399711		The swimming pool must not have a capacity greater than 25.6 biolitres.

Show on Show on CC/CDC Certiller DA Plans Plans & specs Check

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Show on Show on CC/CDC Certifier DA Plans Plans & spees Check

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page 1/14

BASIS CHIEFS

of at least 0 litres on the site. This rainwate

Istall the following heating system for the swimming pool that is part of this develop

Area of glass Overshadowing Overshadowing Studiog Including height (m) distance (m) dovice

ie applicant must connect the rainwater tank to a tap located within 10 metros of the edge

Fixtures and systems	Show on DA Plans	Show on CC/CDC Plans & specs	Certiliter Check
Hot water			
The applicant must install the following hot water system in the development; gas instantaneous.	~	~	~
Lighting		12	
The applicant must excure a minimum of 40% of new or aftered light fatures are fitted with fluorescent, compact fluorescent, or light- emiting-diode (LED) lamps.		~	~
Fixtures			
The applicant must ensure near or albered showerheads have a flow rate no greater than 9 litres per minute or a 3 star water rating.		~	~
The applicant must ensure new or aboved toilets have a flow rate no greater than 4 litres per average fluch or a minimum 3 star water rating.		~	~
The applicant must ensure new or altered taps have a flow rate no greater than 8 litres per minute or minimum 3 star water rating.		~	

Construction	Show on DA Plans	Show on CC/CDC Plans & specs	Certilite Check		
Insulation requirements					
listed in the table below, except that a) add	reci construction (floor(s), wells, and owing tional insulation is not required where the a of altered construction where insulation air of altered construction where insulation air	pletoch) in accordance with the specifications rea of new construction is less than 2m2, b) eady exists.	>	~	-
Construction	Additional insulation required (H- value)	Other specifications	ſ		
concrete slab on ground floor.	nī	Bald,			
	ni				
external walk cavity brick					
esternal walk covity brick internal wall shared with garage: single skin masonry (R0.18)	ni				

e sarimming pool must have a pool cover

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Show on Show on CC/CDC Certifier DA Plans Plans & specs Check

Show on Show DA Plans Plans

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iazing requir	ements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Window/door namber	Orientation	Area of gloss including frame (m2)	Overshudowing height (m)	Overshadowing distance (m)	Shuding device	Frame and glass type			
WE	w	14	87	1.8	nane	standard atuminium, single clear, (or U-vatue: 7.63, SH3C: 0.75)			
W7	W	0.51	8.7	1.8	nane	standard aluminium, single olear, jor U-value: 7.63, SH3C: 0.75)			
WS	w	2.10	0.7	1.8	none	standard alumintum single clear, (or U-value: 7.03, SHIGC: 0.76)			
NĐ	w	0.61	67	1.8	none	standard aluminium, single slear, for U-value: 7.63, SHGC: 0.76)			
W1D	w	2.10	8.7	1.8	none	standard aluminium, single clear, (or U-value: 7.83, SH3C: 0.75)			

Show on Show on CCICDC Certifier DA Plans Plans 8 spees Check Area of glass including Overshadowing Overshadowing Shading height (m) distance (m) device Frome and plans type envel verandahi perpolabalcom >=450 mm standard aluminium, single clear, (r U-vatue: 7.63, SH3C: 0.75) eauer verandah∪ pergola/balcony >=600 mm standard aluminium, single clear. (c U-value: 7.83, SHGC: 0.76) cave/ verandah/ pergolwbalcom >≅000 mm standard alumintum, single clear, (o U-value: 7.03, SHGC: 0.76) cavel verandahi porpola/balcony >=900 mm standard alerricium, single clear, (o U-value: 7.63, SHGC: 0.76) eaver verandahi perpola/baloony ≥~600 mm standard aluminium, single clear, U-watue: 7.60 SHIGC: 0.75)

01-06

Show on Show on CC/CDC Certific DA Plans Plans & specs Check









D	verandahl pergola/baloony >=900 mm	standard aluminium, single olear, jor U-value: 7.63, SH3C: 0.76)
٥	eaver verandahi pergolwbalcomy >=900 mm	standard aluminkum, single clear, (or U-value: 7.03, SH3C: 0.76)
D	cavel verandahi sorgola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.76)
D	projection' height above sill ratio >=0.23	standard aluminium, single clear, jor U-volue: 7.63, SHISC: 0.75)

NOTES

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11.52

SD6-SD7

							DA Plans	Plans & specs	Ches
Windows and gia	zed doors glazin	g requirements							
Window/Soor number	Orientation	Area of glass including frame (m2)	Overshadowing height (m)	Overstudowing distance (m)	Studing device	Frame and glass type			
W21	w	18	53	1.8	envel verandah) pergola/balsony >=450 mm	standard aluminium, single clear, jor U-value: 7.60, SHOC: 0.75)			
W22	w	1.8	63	1.8	ezwel verandah) pergolwbalcony >=450 mm	standard aluminium, single clear, jor U-uniue: 7.63, SHGC: 0.76)			
W23	w	18	5.3	1.0	cavel verandahi pergolwbalcony >≈450 mm	standard aluminium, single clear, (cr U-value: 7.63, SHGC: 0.76)			
W34	w	18	53	1.8	eauer verandaht porgota/balcony >=450 mm	standard aluminium, single elear, jor U-value: 7.63, SHGC: 0.75)			
W25	w	0.51	5.3	1.8	eavel verandahi pergola/balcony	standard aluminium, single clear, jor			

lazing requir	ements						Show on DA Plans	Show on CC/CDC	Corts
Andres and glozed doors glozing requirements								Plans & specs	Ches
Window/door number	Orientation	Area of glass including frame (m2)	Overshadowing height (m)	Overstudowing distance (m)	Studing device	Frame and glass type			
W21	w	1.8	53	1.0	envel vorandah) pergola/baloony >=450 mm	standard aluminium, single clear, jor U-walue: 7.60, SHOC: 0.75)			
W22	w	1.8	6.3	1.8	ezveř verandah) pergola/bakony >=450 mm	standard alyminium, single clear, jor U-value: 7.63, SHGC: 0.76)			
W23	w	18	5.3	1.8	cavel verandahi pergolwbalcony >≈400 mm	standard aluminium, single clear; (or U-value: 7.63, SHGC: 0.76)			
W34	w	1.8	53	1.8	eauel verandahi porgota/baloony >=450 mm	standard aluminium, single elear, jor U-value: 7.63, SHGC: 0.75)			
W25	w	0.51	5.3	1.8	cave/ verandah/ pergola/balcony >≍450 mm	standard aluminium, single clear, jor U-value: 7.03, SHSC: 0.76)			

							page III/M	BASIE CHINGS	
					Show on DA Plans	Show on CC/CDC Plans & spees	Certillier Check	Giazing	
requirementa								Window	
Ania of glass including frame (m2)	Oversbadowing height (m)	Deerstradioeling distance (m)	Studing device	Frams and glass type				W28	
1.8	53	1.8	envel vorandah) pergola/balsony >=450 mm	standard aluminium, single clear, jor U-value: 7.60, SHOC: 0.75)				W27	
1.8	5.3	1.8	cavel verandah) pergola/balcony >=450 mm	standard aluminkum, single clear, jor U-uatae: 7.63, SHSC: 0.76)				W28	
18	5.3	1.0	oasei verandahi pergole/balcony >≈400 mm	standard aluminium, single clear, (or U-ualue: 7.63, SHGC: 0.78)				W29	
18	53	1.8	sauei verandahi porgola/bakony >=450 mm	standard aluminium, single oldar, jor U-value: 7.63, SHSC: 0.75)				W30	
0.51	5.3	1.8	eavel verandabi	standard alumina m					

standard aluminium, single stear, jo U-value: 7.60. SHOC: 0.75) standard aluminium, kingle clear, jo U-value: 7.63, SHSC: 0.76)

standzed aluminium, single clear, (or U-value: 7.03, SHGC: 0.78)

standard aluminkum, single clear, jor U-value: 7,63, SH3C: 0,75)

standard aluminium, single clear, jor U-value: 7.03, SHI3C: 0.76)

					Show on DA Plans	Sher
b .						
1.45 1 2)	Overshadowing height (m)	Overstudowing distance (m)	Stracting device	Frame and glass type		
	53	1.8	envel vorandah) pergola/balsony >=450 mm	standard aluminkum, single clear, jor U-value: 7,60.		

iazing requir							Show on DA Plans	Show on CC/CDC Plans 8 spees	Certific Chesk
indows and gia	zed doors glazing	requirements							
Window/door namber	Orientation	Area of glass Including frame (m2)	Overshadowing height (m)	Overstudowing distance (m)	Stracling davios	Frame and glass type			
W11	w	45	87	1.8	eavel verandahi pergola/balsony >=450 mm	standard aluminium, single clear, jor U-walue: 7.60, SHOC: 0.75)			
W12	w	4.1	6.7	1.9	ezveř verondah/ pergola/balcony >=450 mm	standard aluminium, single clear, jor U-value: 7.63, SHGC: 0.76)			
W13	w	4.1	87	1.8	casel verandahi pergola/balcony >≈450 mm	standard aluminium, single clear, for U-value: 7.03, SHGC: 0.75)			
W14	E	5.21	12	12	none	standard aluminium, single clear, for U-value: 7.63, SHGC: 0.75)			
W15 - w10	E	18.0	٥	D	cavel verandahi pergola/balcony >=900 mm	standard aluminium, single clear, jor U-value: 7.03, SHGC: 0.76)			

lazing requir							Show on DA Plans	Show on CC/CDC Plans & spees	Certifie Check
Vindows and glazed doors glazing requirements									
Window/Joor number	Orientation	Area of glass including frame (m2)	Overshadowing height (m)	Overstudowing distance (m)	Strading device	Frame and glass type			
W31	3	5.7	0	D	projection' holph: above sill ratio >=0.23	standard aluminium, single clear, jor U-watue: 7.63, SHOC: 0.75)			
W32	S	2.4	0	0	projection' height above sill ratio >=0.23	standard aluminium, single clear, jor U-value: 7.63, SHGC: 0.76)			
W33	s	48	0	0	projection' height above uil ratio >=0.23	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W34	s	2.7	0	D	projection' height above sill ratio >=0.23	standard aluminium, single elear, jor U-value: 7.63, SHGC: 0.75)			
SDI	S	11.52	0	D	eavel verandahl pergola/salcony >=000 mm	standard aluminium, single clear, jor U-value: 7.03, SHGC: 0.76)			

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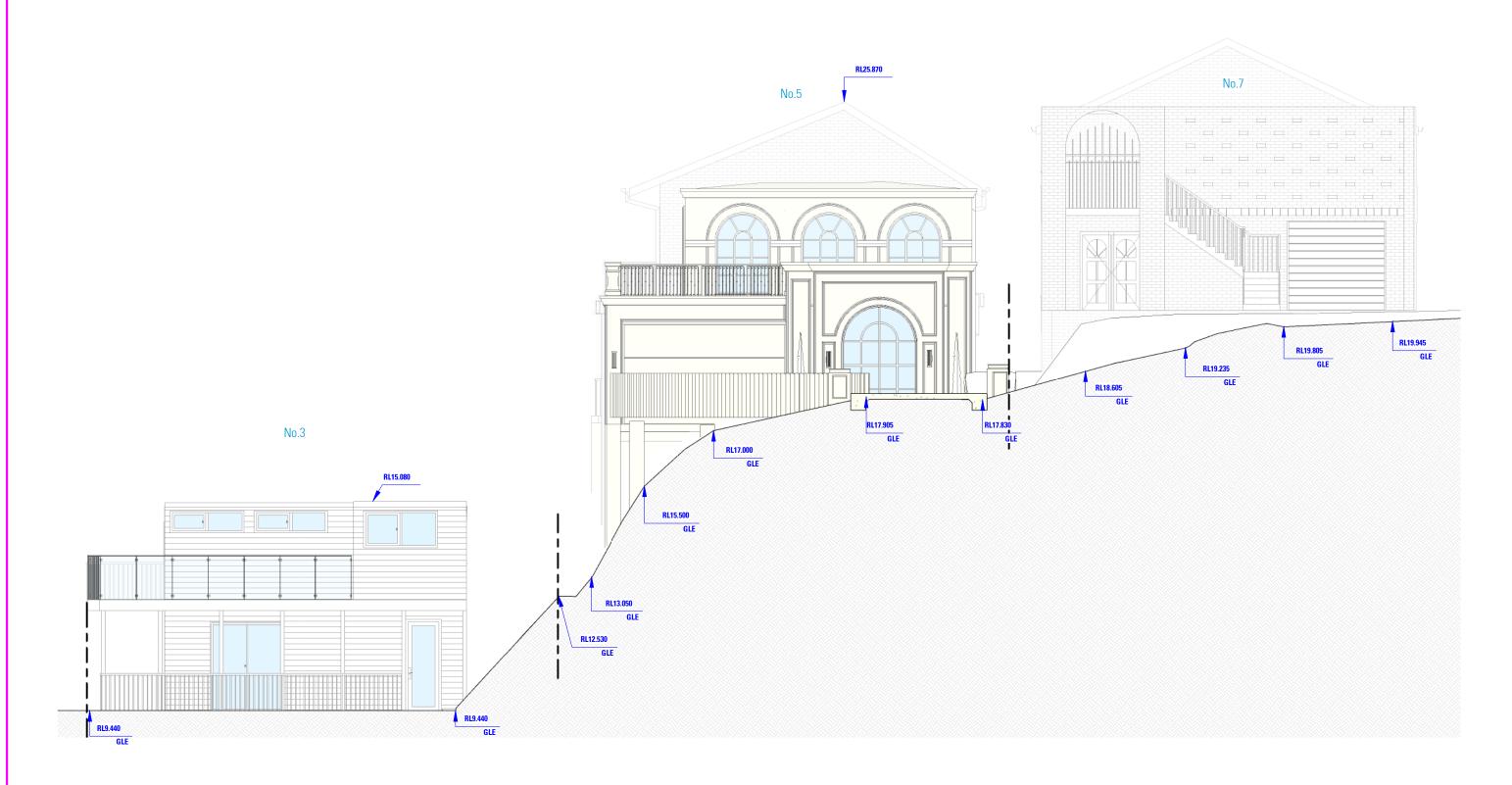
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STREETSCAPE ANALYSIS PLAN



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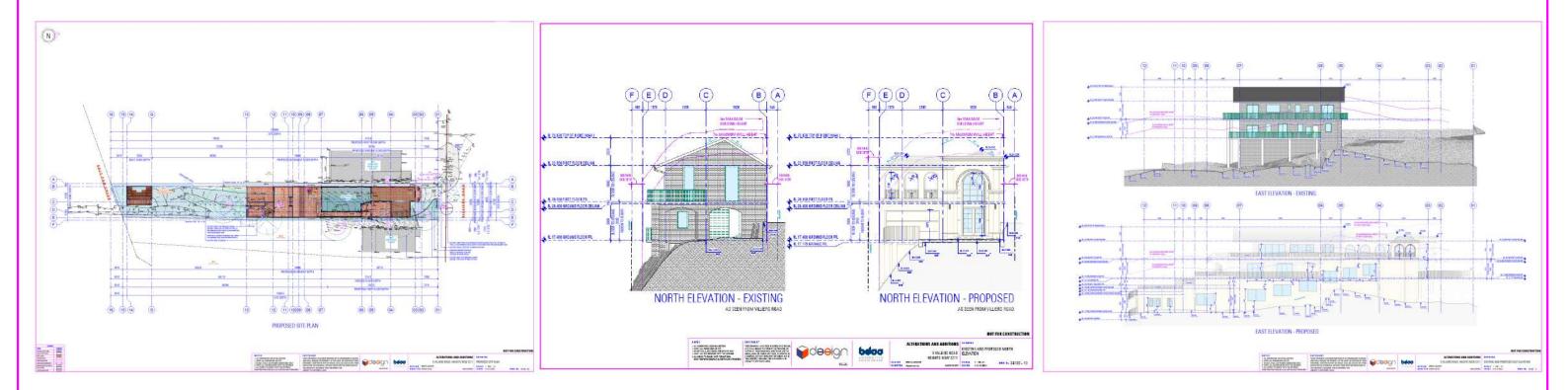
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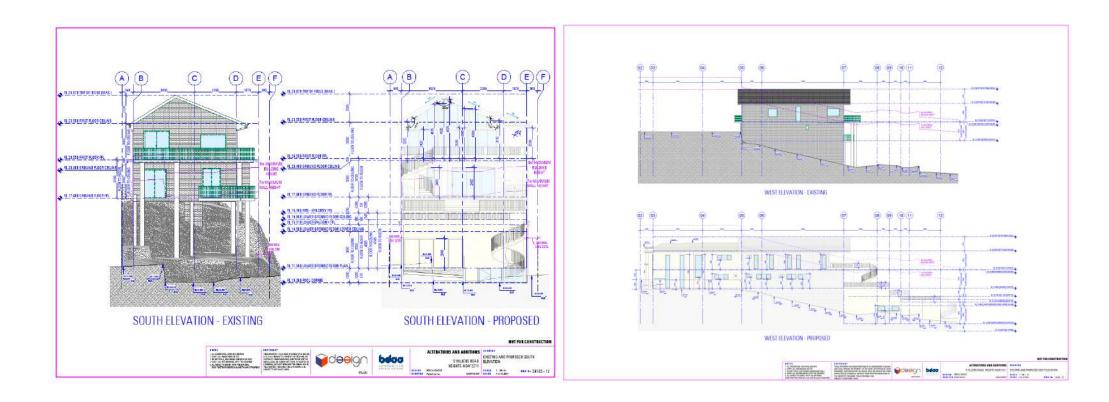
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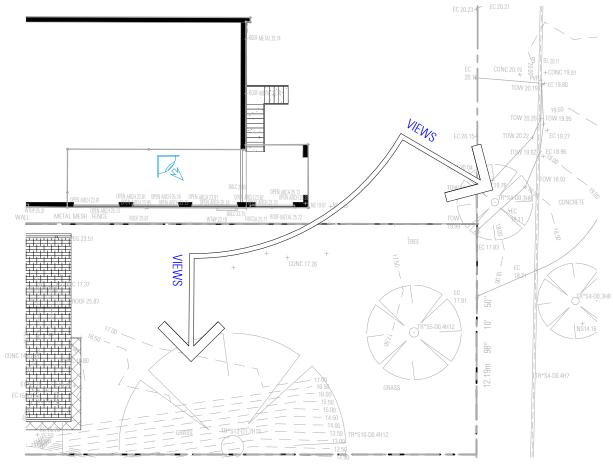
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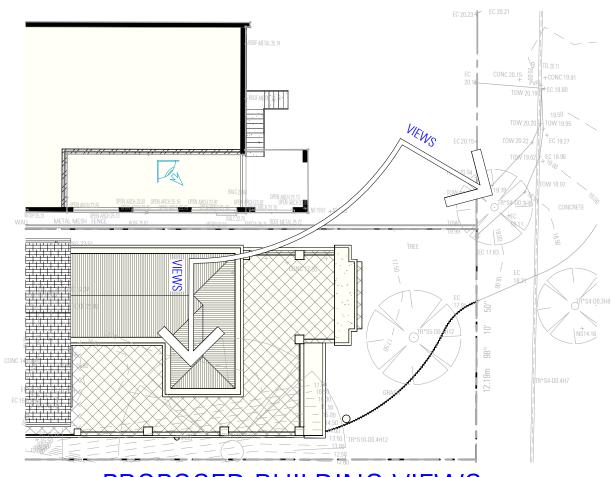


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EXISTING BUILDING VIEWS





PROPOSED BUILDING VIEWS



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AS SEEN FROM SALT PAN CREEK

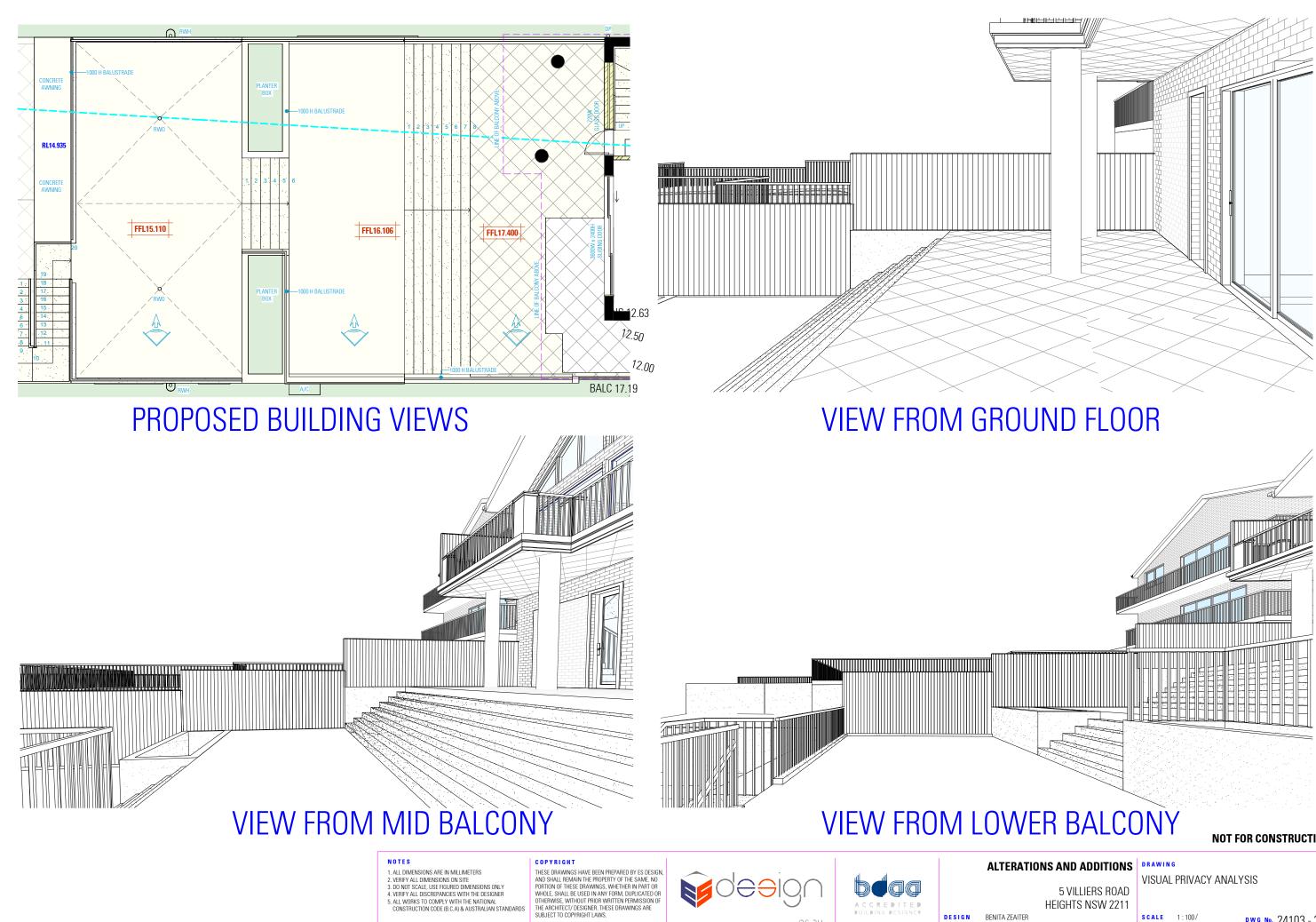
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