



ACTION PLANS

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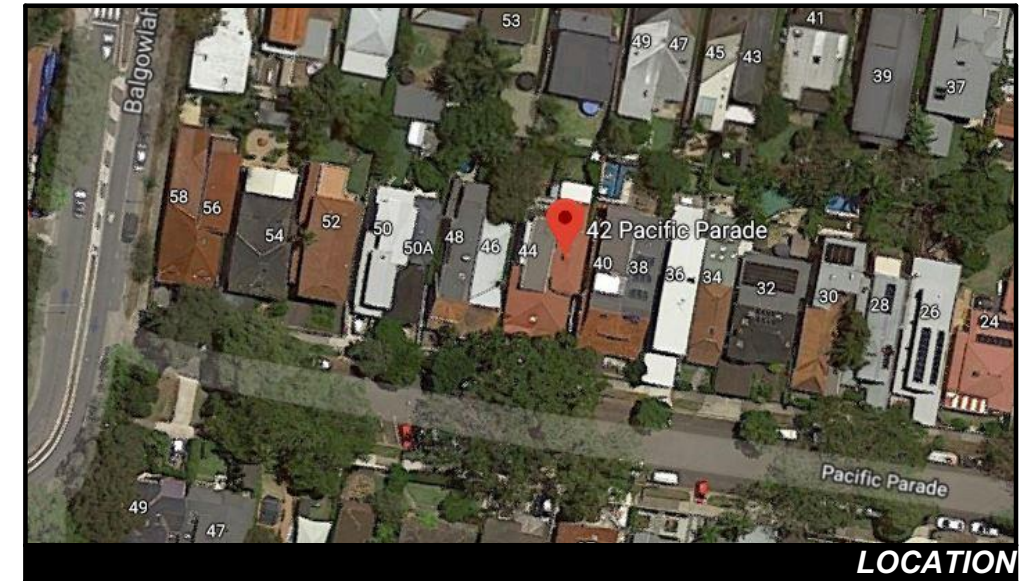
DEVELOPMENT APPLICATION 42 REV A

These plans are for Development Approval only.

ITEM DETAILS	DEVELOPMENT APPLICATION			
ADDRESS	42 PACIFIC PARADE, MANLY, NSW, 2095			
LOT & DP/SP	LOT 1 DP 645898			
COUNCIL	NORTHERN BEACHS COUNCIL (MANLY)			
SITE AREA	223.2m ²			
FRONTAGE	6.095m			
CONTROLS	PERMISSIBLE / REQUIRED m / m ² / %	EXISTING m / m ² / %	PROPOSED m / m ² / %	COMPLIANCE
LEP				
LAND ZONING	R1 – GENERAL RESIDENTIAL	R1	R1	YES
MINIMUM LOT SIZE	250m ²	223.2m ²	UNCHANGED	YES
FLOOR SPACE RATIO	0.6 : 1 (133.92m ²)	0.56 : 1 (125.86m ²)	UNCHANGED	YES
MAXIMUM BUILDING HEIGHT	8.5m	6.44m	UNCHANGED	YES
HAZARDS				
ACID SULFATE SOILS	CLASS 4	N/A	N/A	N/A
FLOOD PLANNING	HIGH FLOOD RISK	N/A	N/A	N/A
TERRESTRIAL BIODIVERSITY	NOT IDENTIFIED	N/A	N/A	N/A
RIPARIAN LAND & WATERCOURSE	NOT IDENTIFIED	N/A	N/A	N/A
WETLANDS	NOT IDENTIFIED	N/A	N/A	N/A
LANDSLIP RISK	NOT IDENTIFIED	N/A	N/A	N/A
TERRESTRIAL BIODIVERSITY	NOT IDENTIFIED	N/A	N/A	N/A
FORESHORE SCENIC PRO. AREA	NOT IDENTIFIED	N/A	N/A	N/A
BUSHFIRE	NOT IDENTIFIED	N/A	N/A	N/A
DCP				
RESIDENTIAL OPEN SPACE	AREA OS3			
TOTAL OPEN SPACE (TOS)	55% (122.76m ²)	96.37m ² (43%)	UNCHANGED	NO
LANDSCAPE AREA	35% OF TOS (55%) : 42.96 m ²	41.88m ²	UNCHANGED	NO
OPEN SPACE ABOVE GROUND	MAX. 40% OF TOS (55%) : 49.1m ²	23.1m ²	UNCHANGED	YES
PRINCIPAL PRIVATE OPEN SPACE	18m ²	59.5m ²	UNCHANGED	YES
FRONT SETBACK	PREVALING BUILDING LINE: 6m	6.18m TO DWELLING	UNCHANGED	YES
		4.3m TO POST	0.270m	NO
REAR SETBACK	8.0m	9.56m	UNCHANGED	YES
SIDE SETBACKS	1/3 WALL HEIGHT 1.9m	E:1.30 W: N/A SEMI	E: UNCHANGED W: N/A SEMI	NO N/A
CAR PARKING SPACES	Required: 1	1	UNCHANGED	YES

SHEET NUMBER	SHEET NAME	DATE PUBLISHED
DA00	COVER	6/11/2019
DA01	NOTATION	6/11/2019
DA02	SITE ANALYSIS	6/11/2019
DA03	SITE / ROOF / SEDIMENT EROSION / WASTE MANAGEMENT / STORMWATER CONCEPT PLAN	6/11/2019
DA04	EXISTING GROUND FLOOR PLAN	6/11/2019
DA05	PROPOSED GROUND FLOOR PLAN	6/11/2019
DA06	EXISTING FIRST FLOOR PLAN	6/11/2019
DA07	PROPOSED FIRST FLOOR PLAN	6/11/2019
DA08	NORTH / EAST ELEVATION	6/11/2019
DA09	SOUTH / WEST ELEVATION	6/11/2019
DA10	LONG / CROSS SECTION	6/11/2019
DA11	AREA CALCULATIONS / SAMPLE BOARD	6/11/2019
DA12	WINTER SOLSTICE 9 AM	6/11/2019
DA13	WINTER SOLSTICE 12 PM	6/11/2019
DA14	WINTER SOLSTICE 3 PM	6/11/2019

42 PACIFIC PARADE, MANLY 2095

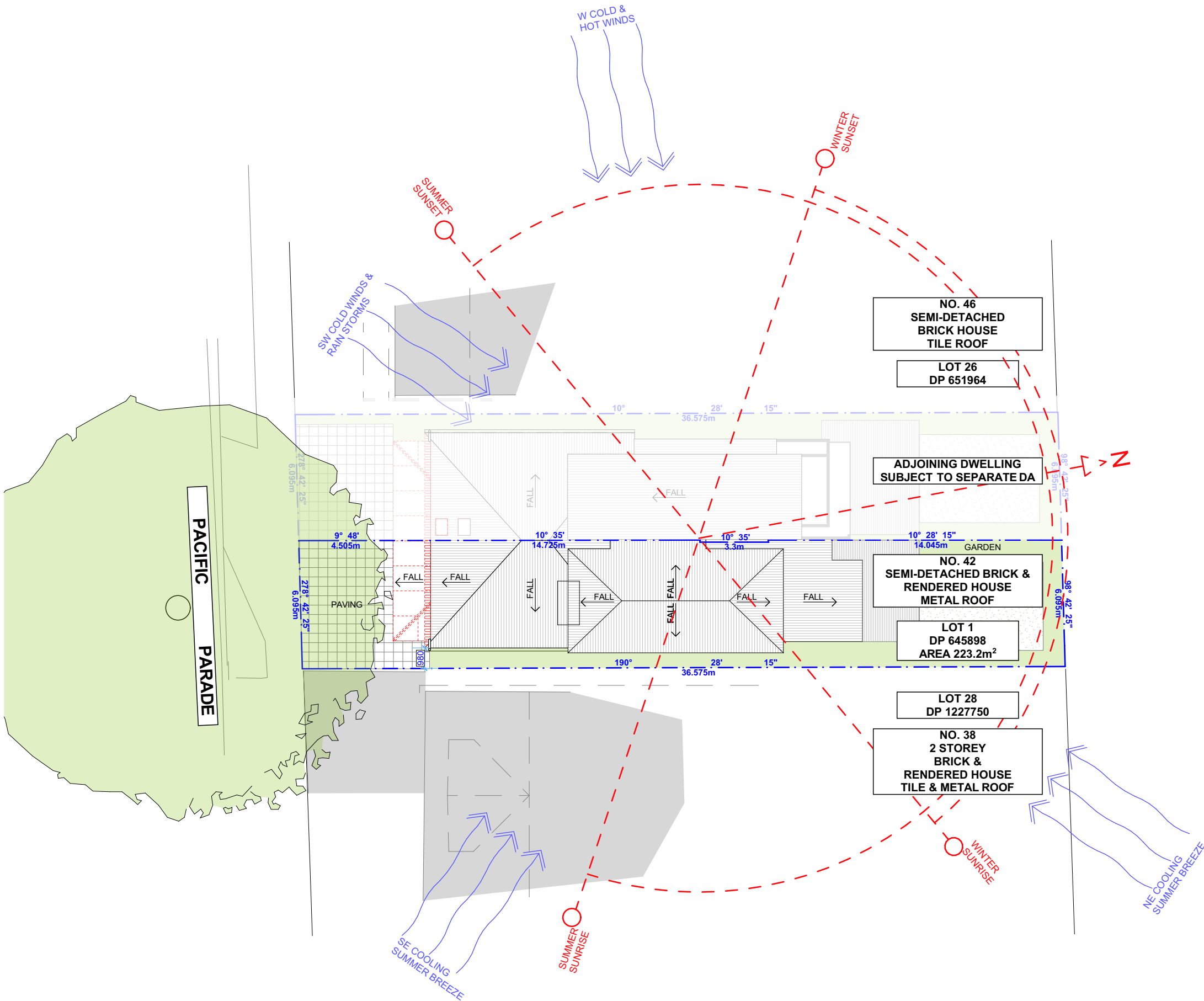


NCC & AS COMPLIANCES SPECIFICATIONS

- EARTHWORKS - PART 3.1.1 OF NCC
- EARTH RETAINING STRUCTURES - PART 3.1.2 OF NCC
- DRAINAGE - PART 3.1.3 OF NCC
- TERMITE-RISK MANAGEMENT - PART 3.1.4 OF NCC
- FOOTINGS & SLAB - PART 3.2 OF NCC INCLUDING AS2870
- MASONRY - PART 3.3 OF NCC INCLUDING AS3700
- FRAMING - PART 3.4 OF NCC
- SUB FLOOR VENTILATION - PART 3.4.1 OF NCC
- ROOF CLADDING AND WALL-CLADDING - PART 3.5 OF NCC
- GLAZING - PART 3.6 OF NCC INCLUDING AS1288
- FIRE SAFETY - PART 3.7 OF NCC
- FIRE SEPERATION - PART 3.7.2 OF NCC
- FIRE PROTECTION OF SEPERATING WALLS AND FLOORS- PART 3.7.3 OF NCC
- SMOKE ALARMS - PART 3.7.5 OF NCC
- WET AREAS AND EXTERNAL WATERPROOFING - PART 3.8.1 OF NCC
- ROOM HEIGHTS - PART 3.8.2 OF NCC
- FACILITIES - PART 3.8.3 OF NCC
- LIGHT - PART 3.8.4 OF NCC
- VENTILATION - PART 3.8.5 OF NCC
- SOUND INSULATION - PART 3.8.6 OF NCC
- STAIRWAYAND RAMP CONSTRUCTION - PART 3.9.1 OF NCC
- BARRIERS AND HANDRAILS - PART 3.9.2 OF NCC
- SWIMMING POOLS - PART 3.10.1 OF NCC
- CONSTRUCTION IN BUSHFIRE PRONE AREAS - PART 3.10.5 OF NCC
- FENCING & OTHER PROVISIONS - REGS & AS1926
- DEMOLITION WORKS - AS2601-1991 THE DEMOLITION OF STRUCTURES.
- ALL WATERPROOF MEMBRANES TO COMPLY WITH WITH AS 3740-2010
- ALL PLUMBING & DRAINAGE WORK TO COMPLY WITH AS 3500
- SITE CLASSIFICATION AS TO AS 2870
- ALL PLASTERBOARD WORK TO COMPLY WITH AS 2588-1998
- ALL STRUCTURAL STEEL WORK TO COMPLY WITH AS 4100 & AS 1554
- ALL CONCRETE WORK TO COMPLY WITH AS 3600
- ALL ROOF SHEETING WORK TO COMPLY WITH AS 1562-1992
- ALL SKYLIGHTS TO COMPLY WITH WITH AS 4285-2007
- ALL CERAMIC TILING TO COMPLY WITH AS 3958.1-2007 & 3958.2-1992
- ALL GLAZING ASSEMBLIES TO COMPLY WITH AS2047 & 1288
- ALL TIMBER RETAINING WALLS ARE TO COMPLY WITH AS 1720.1-2010, AS 1720.2-2006, AS 1720.4-2006, AS 1170.1-1989 & AS 1170.4-2007
- ALL RETAINING WALLS ARE TO COMPLY WITH 3700 - 2011 & AS 3600 -2009
- ALL CONSTRUCTION TO COMPLY TO AS3959- 2009

NOTES

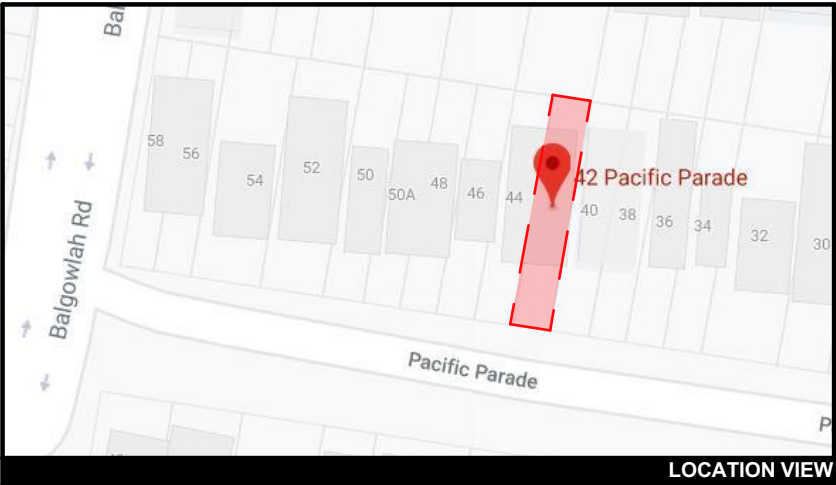
- APPROVED MEANS BY THE 'RELEVANT LOCAL AUTHORITY' OR COUNCIL
- THE OWNER WILL DIRECTLY PAY THE FEES ASSOCIATED WITH THE FOLLOWING:
BUILDING APPROVAL FROM COUNCIL, FOOTPATH AND KERB DEPOSITS WITH THE LOCAL COUNCIL, INSURANCE FEE TO BUILDING SERVICES CORPORATION, LONG SERVICE LEAVE SERVICE LEVY FEE AND APPROVAL FEE BY WATER AND SEWERAGE AUTHORITY. ALL OTHER FEES ARE TO BE PAID BY THE BUILDER. THE AMOUNT OF ANY LOCAL AUTHORITY DEPOSITS WHICH ARE FORFEITED DUE TO DAMAGE OR OTHER CAUSE WILL BE DEDUCTED FROM THE PAYMENTS DUE TO THE BUILDER.
- THE BUILDER IS TO PROVIDE AT HIS/HER OWN EXPENSE ADEQUATE PUBLIC RISK INSURANCE AND ARRANGE INDEMNIFICATION UNDER THE WORKERS COMPENSATION ACT. WORKS INSURANCE TO BE STATED IN THE CONTRACT CONDITIONS.
- ALL WORK TO BE CARRIED OUT IN A TRADESMEN LIKE MANNER AND IN ACCORDANCE WITH THE STANDARDS CODES AND REGULATIONS OF THE STANDARDS ASSOCIATION OF AUSTRALIA, BUILDING CODE OF AUSTRALIA AND ANY STATUTORY AUTHORITY HAVING JURISDICTION OVER THE WORK.
- ALL TENDERERS ARE TO VISIT THE SITE TO SATISFY THEMSELVES AS TO THE NATURE AND EXTENT OF THE WORKS, FACILITIES AVAILABLE AND DIFFICULTIES ENTAILED IN THE WORKS AS VARIATIONS WILL NOT BE ALLOWED DUE TO WORK ARISING OWING TO NEGLIGENCE OF THIS CLAUSE.
- ALL WORK AND MATERIALS TO COMPLY WITH THE CURRENT AUSTRALIAN STANDARDS AT THE TIME OF COMMENCEMENT WERE APPLICABLE.
- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL STRUCTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS AND WITH ANY SUCH WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT.
- SET OUT DIMENSIONS SHOWN ON THIS DRAWING SHALL BE VERIFIED BY THE BUILDER ON SITE BEFORE COMMENCEMENT OF ANY WORK. DIMENSIONS SHOULD NOT BE OBTAINED BY SCALING THE DRAWINGS. USE ONLY FIGURED DIMENSIONS. ALL DIMENSIONS ARE IN MILLIMETRES.
- THE BUILDER IS TO ENSURE ALL CONSTRUCTION, LEVELS AND OTHER ITEMS COMPLY WITH THE CONDITIONS OF THE BUILDING APPROVAL.
- THE BUILDER IS TO COMPLY WITH ALL ORDINANCES, LOCAL AUTHORITY REGULATIONS AND THE REQUIREMENTS OF ALL SERVICES SUPPLY AUTHORITIES HAVING JURISDICTION OVER THE WORKS.
- ALL PLUMBING AND DRAINAGE WORK TO BE INSTALLED AND COMPLETED BY A LICENCED TRADESMAN AND IN ACCORDANCE WITH THE STATUTORY BODY HAVING AUTHORITY OVER THE WORKS. CONNECT ALL WASTE TO SYDNEY WATER SEWER LINE
- ALL NEW DOWNPIPES ARE TO BE CONNECTED TO THE EXISTING STORM WATER SYSTEM.
- ALL POWER AND STORMWATER OUTLET LOCATIONS SHALL BE DETERMINED ON SITE BY THE OWNER.
- SMOKE DETECTOR ALARM TO BE INSTALLED IN ACCORDANCE WITH AS3786 AND THE BUILDING CODE OF AUSTRALIA.
- ELECTRICAL WORK TO BE IN ACCORDANCE WITH SAA WIRING RULES AND BE DONE BY A LICENCED TRADESMAN
- ANY DETAILING IN ADDITION TO WHAT IS SUPPLIED SHALL BE RESOLVED BETWEEN THE OWNER AND THE BUILDER TO THE OWNER'S APPROVAL, EXCEPT FOR ANY STRUCTURAL DETAILS OR DESIGN WHICH IS SUPPLIED BY THE ENGINEER.
- ALL TIMBER SIZES AND CONCRETE DETAILS TO BE CONFIRMED BY THE BUILDER PRIOR TO COMMENCEMENT OF ANY WORK.
- ALL STRUCTURAL WORK IS TO BE IN ACCORDANCE WITH THE STRUCTURAL DETAILS PREPARED BY A STRUCTURAL ENGINEER (i.e.) PIERS, FOOTINGS, CONCRETE SLABS, RETAINING WALLS, STEELWORK, FORMWORK, UNDERPINNING, ADDITIONAL STRUCTURAL LOADS, TIMBER FRAMING, WIND BRACING AND ASSOCIATED CONNECTIONS. BUILDER TO OBTAIN PRIOR TO FINALISING TENDER.
- ANY WORK INDICATED ON THE PLANS BUT NOT SPECIFIED, AND ANY ITEM NOT SHOWN ON THE PLAN WHICH IS OBVIOUSLY NECESSARY AS A PART OF CONSTRUCTION AND/OR FINISH IS TO BE CONSIDERED AS SHOWN AND SPECIFIED, AND IS TO BE DONE AS PART OF THE CONTRACT. VARIATIONS WILL NOT BE PERMITTED WITHOUT THE WRITTEN CONSENT OF THE OWNER.
- THE BUILDER SHALL PROVIDE SEDIMENT AND SILTRATION CONTROL MEASURES AS REQUIRED BY COUNCIL AND MAINTAIN THEM THROUGH THE DURATION OF THE WORKS.
- A LEGIBLE COPY OF THE PLANS BEARING APPROVAL STAMPS MUST BE MAINTAINED ON THE JOB AT ALL TIMES. HOURS OF CONSTRUCTION WILL BE RESTRICTED TO THE TIMES AS REQUIRED BY THE BUILDING APPROVAL.
- THE BUILDER IS TO ARRANGE FOR ALL INSPECTIONS REQUIRED BY THE AUTHORITIES AND LENDING INSTITUTIONS TO THEIR REQUIREMENTS.
- THE BUILDER IS TO OBTAIN APPROVAL FOR INTERRUPTIONS TO EXISTING SERVICES AND MINIMISE THE DURATION AND NUMBER OF INTERRUPTIONS. ANY INTERRUPTIONS WITH EXISTING SERVICES AND EQUIPMENT TO BE ATTENDED TO BY THE APPROPRIATELY SKILLED TRADESMEN.
- THE BUILDER SHALL RESTORE, REINSTATE OR REPLACE ANY DAMAGE CAUSED TO EXISTING STRUCTURES OR LANDSCAPING BY CONSTRUCTION WORK OR WORKMEN. PROVIDE PROTECTION TO EXISTING TREES TO REMAIN AS REQUIRED BY APPROVAL CONDITIONS.
- ALL BRICKWORK IS TO BE SELECTED BY OWNER AND IS TO COMPLY WITH AS1640
- ALL MASONRY TO COMPLY WITH AS3700
- ALL METALWORK AND FLASHING ITEMS NECESSARY TO SATISFACTORY COMPLETE WORK SHALL BE PROVIDED.
- ALL GUTTERS, DOWNPIPES TO BE COLORBOND.
- ALL TIMBER CONSTRUCTION TO BE IN ACCORDANCE WITH THE AUSTRALIAN STANDARD 1684 "TIMBER FRAMING CODE"
- ALL GLAZING INSTALLED TO COMPLY WITH AS1288, 2047 AND IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATION
- ALL WALL AND CEILING LININGS TO BE PLASTERBOARD OR CEMENT RENDER AS SELECTED AND VILLA BOARD IN WET AREAS, TO COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS OR INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION.
- ALL BATHROOMS AND WET AREAS TO BE ADEQUATELY WATERPROOFED TO MANUFACTURERS SPECIFICATION AND AS3740 AND PART 3.8.1 OF THE BUILDING CODE OF AUSTRALIA HOUSING PROVISIONS
- STAIRS AND BALUSTRADES TO COMPLY WITH PART 3.9.1 & 3.9.2 OF THE BUILDING CODE OF AUSTRALIA HOUSING PROVISION.
- TERMITE PROTECTION MEASURES TO COMPLY WITH AS 3660 AND BE INSTALLED TO MANUFACTURERS SPECIFICATION.
- ANY DETAILING ADDITIONAL TO THAT SUPPLIED, SHALL BE RESOLVED BETWEEN THE OWNER AND THE BUILDER TO THE OWNER'S APPROVAL. EXCEPT FOR ANY STRUCTURAL DETAILS OR DESIGN WHICH IS TO BE SUPPLIED BY THE STRUCTURAL ENGINEER.



NOTE: ALL DEMOLISHED ELEMENTS TO ENG. SPECIFICATIONS AND AS. 2601 - 2001



STREET VIEW



LOCATION VIEW



AERIAL MAP



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REV.	DATE	COMMENTS	DRWN
A	190625	INITIAL DESIGN PLAN	LRP
B	190724	FIRST DESIGN AMENDMENT	RNA
C	190827	DA DOCUMENTATION	LRP
D	191106	DA REV A	LRP

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LEGEND
EXISTING
DEMOLISHED
METAL ROOFING
BRICKWORK
TIMBER

CLIENT
ALEX & KERRIE RALEC

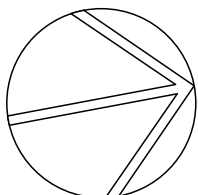
PROJECT ADDRESS
42 PACIFIC PARADE,
MANLY 2095

DRAWING NO.
DA02

DATE
Wednesday, 6
November 2019

DRAWING NAME
SITE ANALYSIS

SCALE
1:200 @A3





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LEGEND	
	EXISTING
	DEMOLISHED
	METAL ROOFING
	BRICKWORK
	TIMBER

CLIENT
ALEX & KERRIE RALEC

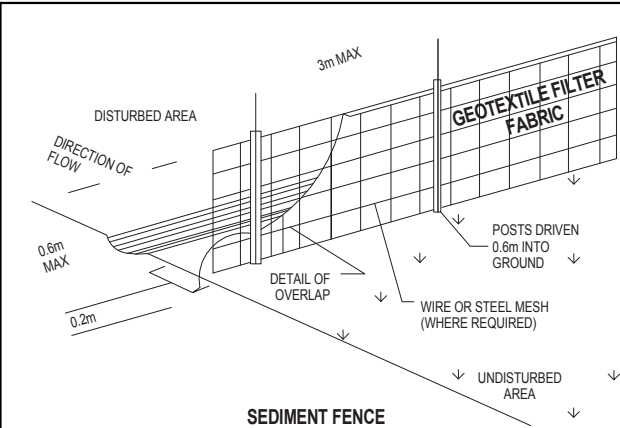
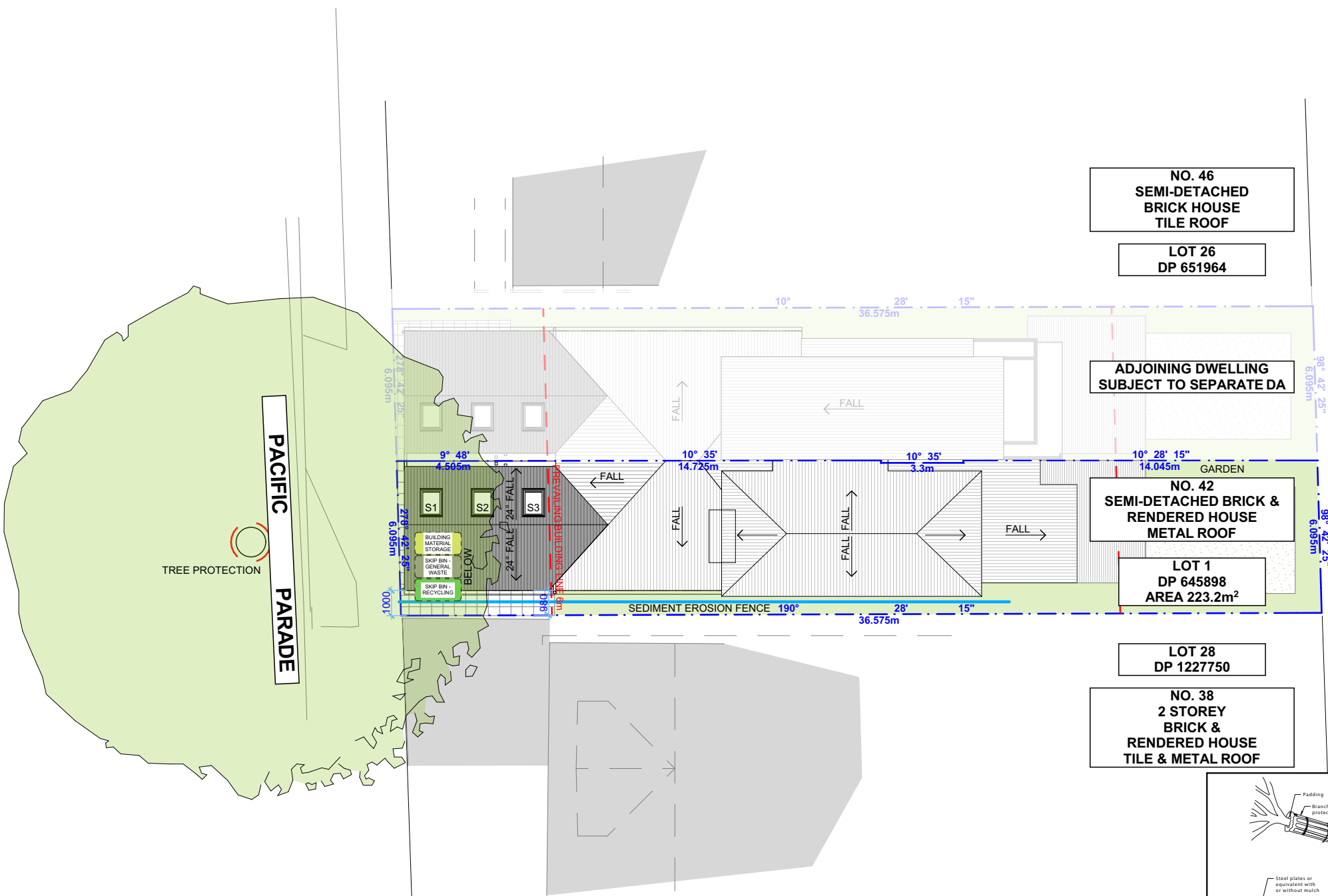
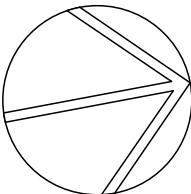
PROJECT ADDRESS
42 PACIFIC PARADE,
MANLY 2095

DRAWING NO.
DA03

DATE
Wednesday, 6
November 2019

DRAWING NAME
SITE / ROOF / SEDIMENT
EROSION / WASTE
MANAGEMENT / STORMWATER
CONCEPT PLAN

SCALE
1:200 @A3



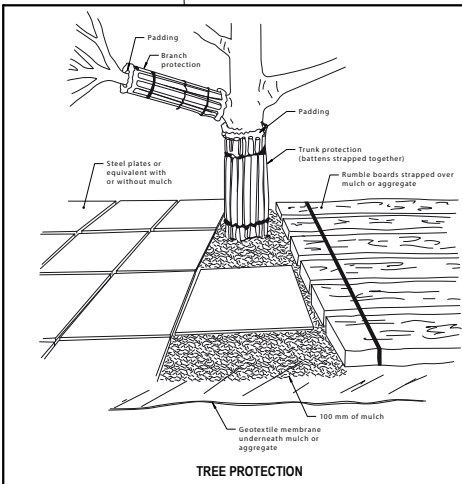
DUST CONTROL :
TO REDUCE DUST GENERATED BY WIND ACTION, THE REMOVAL OF THE TOP SOIL IS TO BE MINIMISED. TO PREVENT DUST GENERATION, WATERING DOWN OF THE SITE, ESPECIALLY DURING THE MOVEMENT OF MACHINERY IS REQUIRED. WHERE EXCAVATING INTO ROCK, KEEP THE SURFACE MOIST TO MINIMISE DUST. CONSTRUCT A GRAVEL ENTRY/EXIT POINT USING BLUE METAL AND RESTRICT ALL VEHICLE MOVEMENTS WITHIN THE SITE TO A MINIMUM. ENSURE WIND BREAKS, SUCH AS EXISTING FENCES ARE MAINTAINED DURING THE CONSTRUCTION PHASE UNTIL NEW LANDSCAPING IS PROVIDED OR REINSTATED. PREVENT DUST BY COVERING STOCKPILES

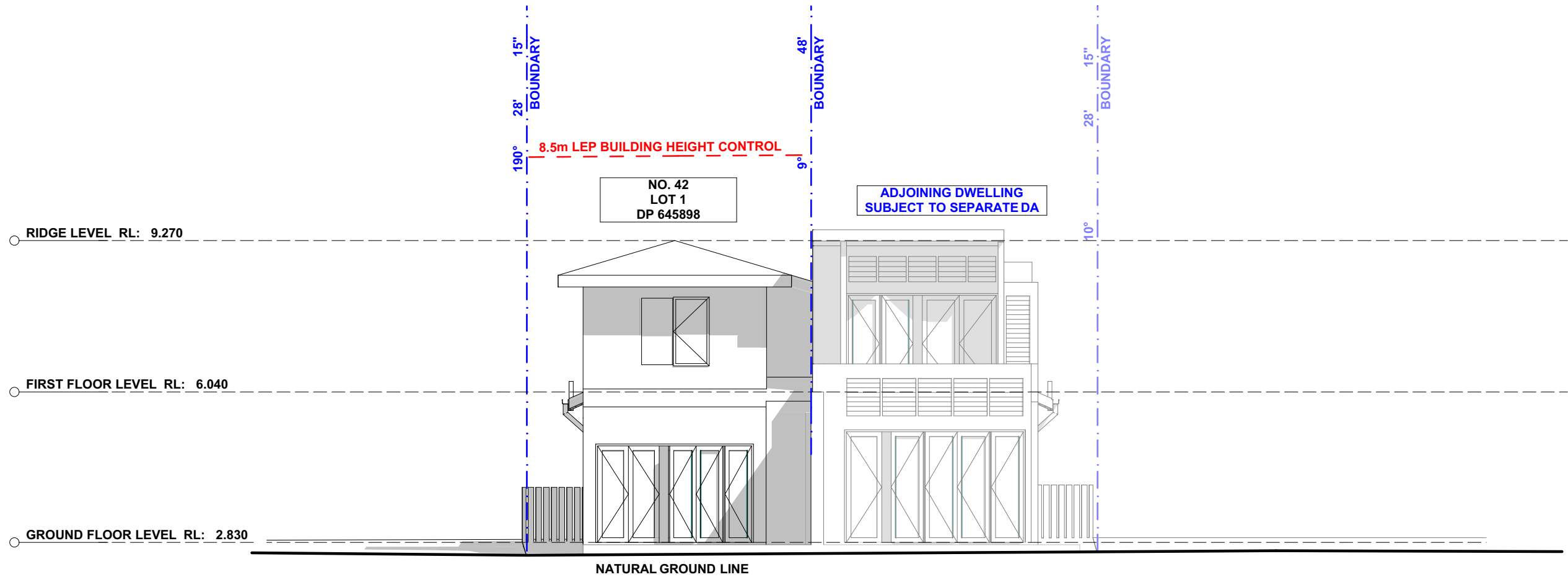
SEDIMENT NOTE :
1. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSPECTED AND MAINTAINED DAILY BY THE SITE MANAGER.
2. MINIMISE DISTURBED AREAS, REMOVE EXCESS SOIL FROM EXCAVATED AREA AS SOON AS POSSIBLE.
3. ALL MATERIAL STOCKPILE TO BE CLEAR FROM DRAINS, GUTTERS AND FOOTPATHS, OR WITHIN SEDIMENT FENCE AREA.
4. DRAINAGE TO BE CONNECTED TO STORMWATER AS SOON AS POSSIBLE. IF STORED ON SITE, IT MUST BE FILTERED BEFORE RELEASING INTO STORMWATER SYSTEM OR WATERWAYS.
5. ROADS AND FOOTPATHS TO BE SWEEPED DAILY.

STOCKPILES :
ALL STOCKPILES ARE TO BE KEPT ON-SITE WHERE POSSIBLE. ANY MATERIALS PLACED ON THE FOOTPATHS OR NATURE STRIPS REQUIRE COUNCIL'S PERMISSION.
ALL STOCKPILES ARE TO BE PLACED AWAY FROM THE DRAINAGE LINES AND STREET GUTTERS. IT IS BEST TO LOCATE THESE ON THE HIGHEST PART OF THE SITE IF POSSIBLE. PLACE WATERPROOF COVERING OVER STOCKPILES.
IF REQUIRED PROVIDE DIVERSION DRAIN & BANK AROUND STOCKPILES.

GUTTER PROTECTION :
PROVIDE PROTECTION TO DOWNHILL GRATE IN GUTTER BY MEANS OF SAND BAGS OR BLUE METAL WRAPPED IN GEOTEXTILE FABRIC. WHEN SOIL OR SAND BUILDS UP AROUND THIS SEDIMENT BARRIER, THE MATERIAL SHOULD BE RELOCATED BACK TO THE SITE FOR DISPOSAL.

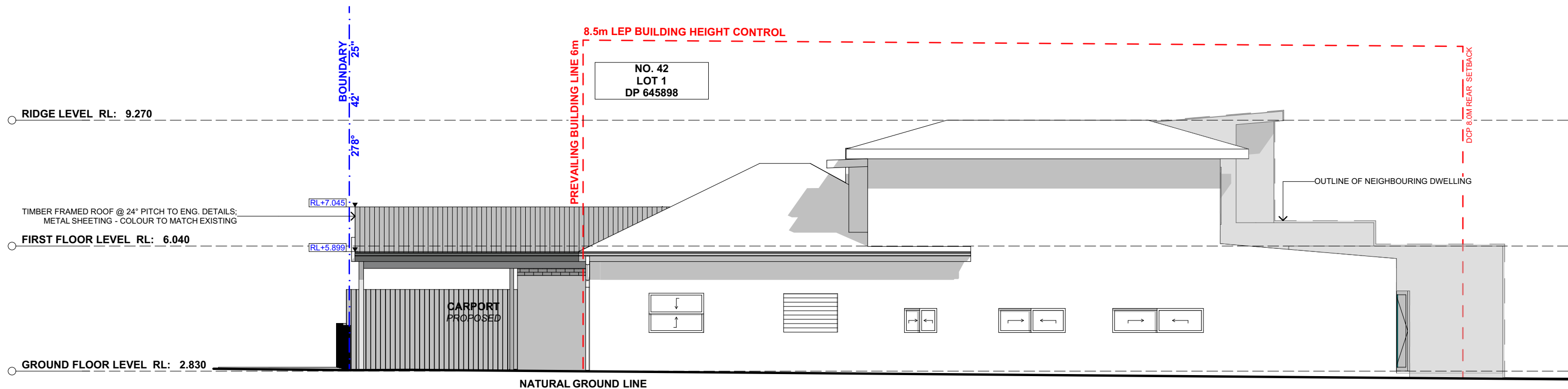
NOTE: ALL PROPOSED STORMWATER TO CONNECT WITH EXISTING





1 NORTH ELEVATION 1:100

NOTE: NO CHANGES TO NORTH ELEVATION



2 EAST ELEVATION 1:100



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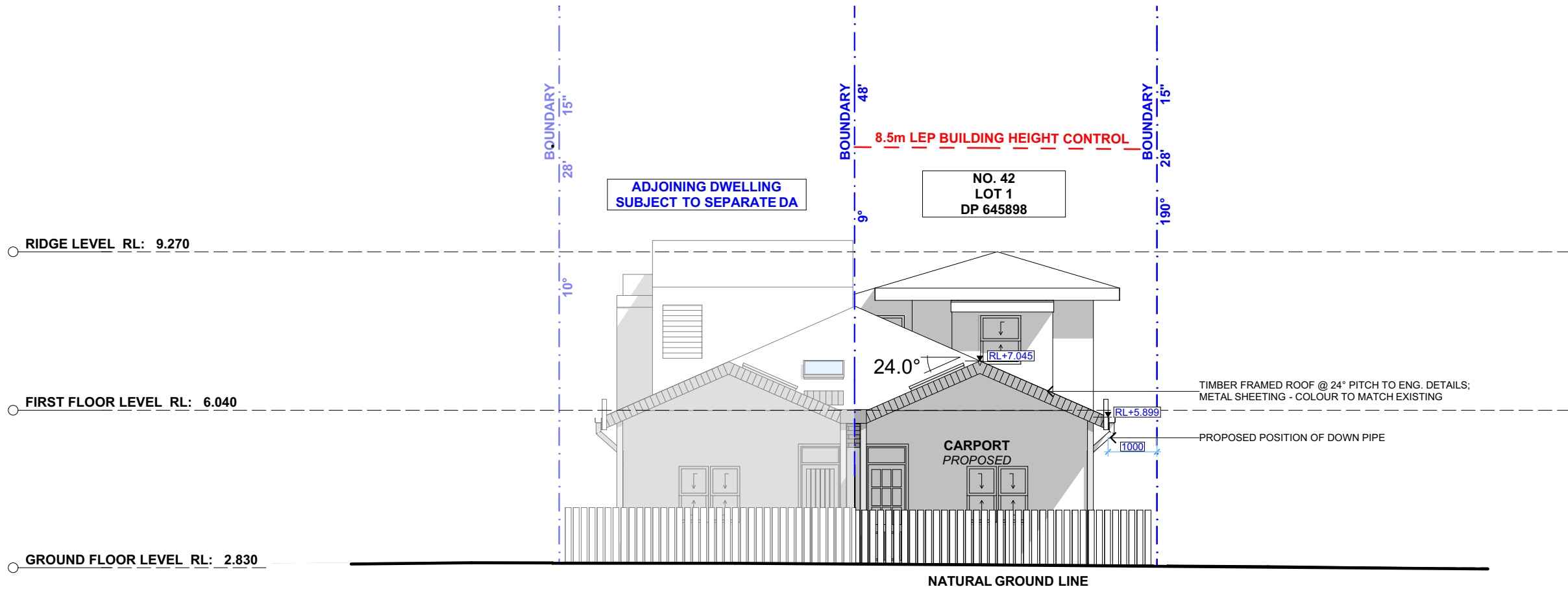
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D	191106	DA REV A	LRP	

LEGEND	
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	DEMOLISHED
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	TIMBER

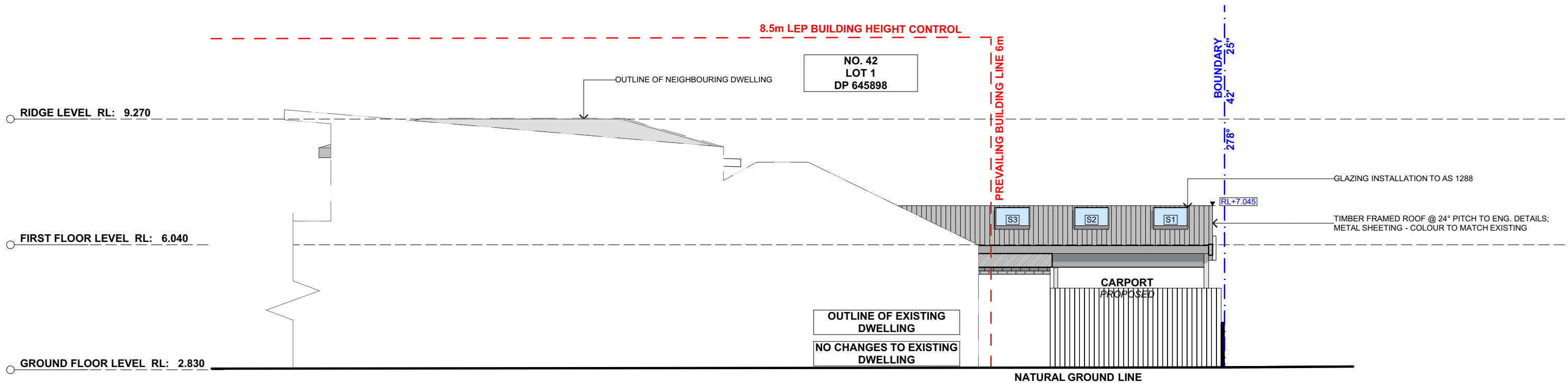
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PROJECT ADDRESS
42 PACIFIC PARADE, MANLY 2095

DRAWING NO.
DA08
DATE
Wednesday, 6 November 2019

DRAWING NAME
NORTH / EAST ELEVATION
SCALE
1:100 @A3



1 SOUTH ELEVATION 1:100



2 WEST ELEVATION 1:100



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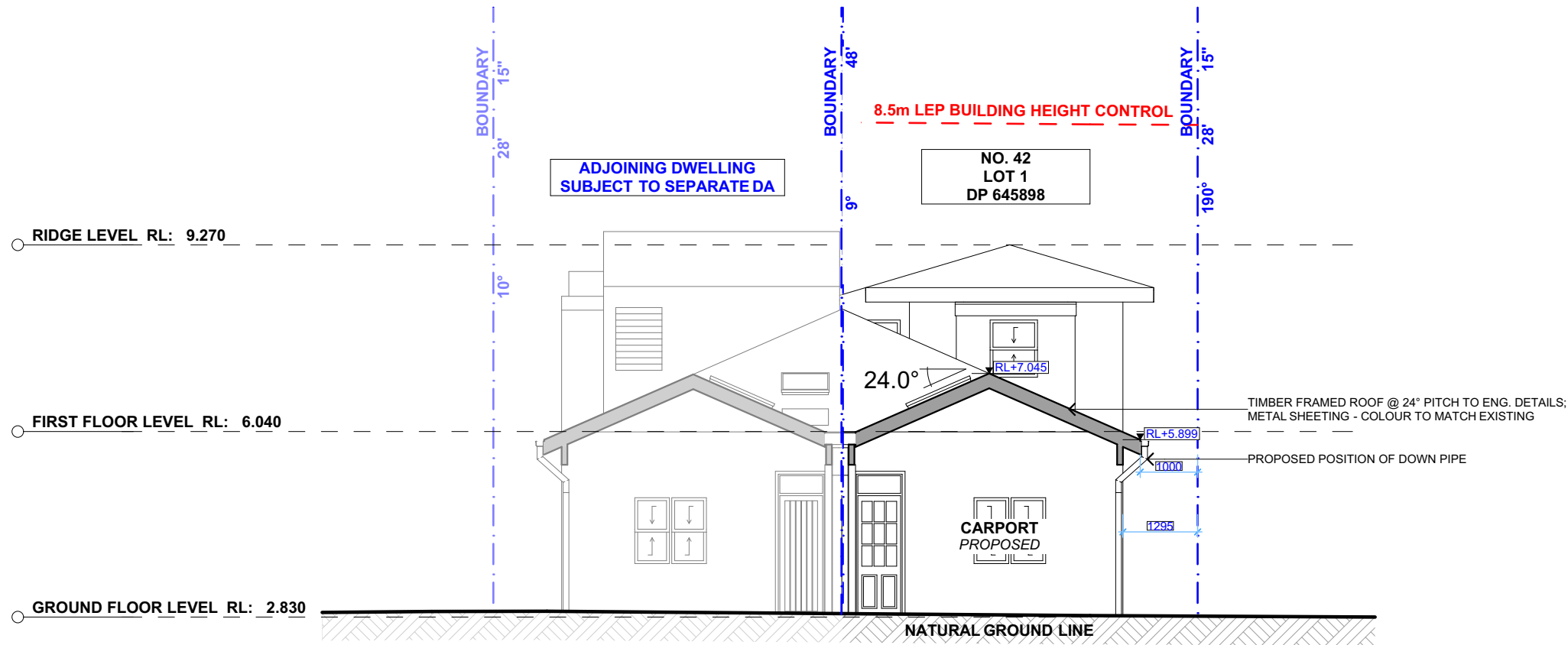
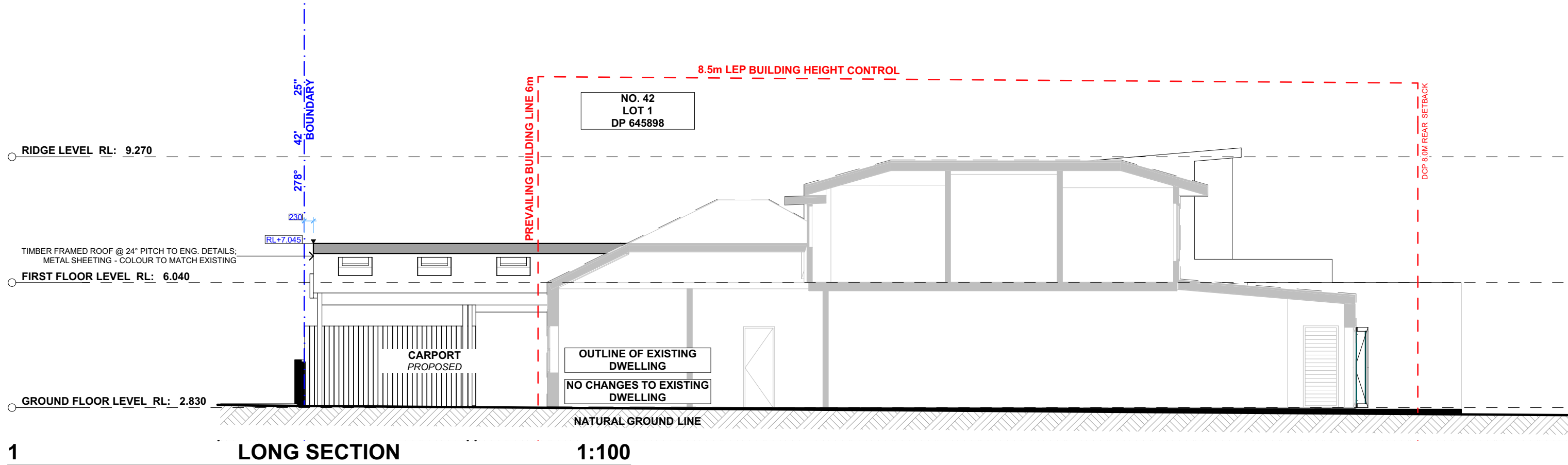
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DRAWING NO.
DA09

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DRAWING NAME
SOUTH / WEST ELEVATION

SCALE
1:100 @A3





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LEGEND

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 DEMOLISHED

 METAL ROOFING

 BRICKWORK

 TIMBER

CLIENT

ALEX & KERRIE RALEC

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42 PACIFIC PARADE,
MANLY 2095

DRAWING NO.

DA10

DATE

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DRAWING NAME

LONG / CROSS SECTION

SCALE

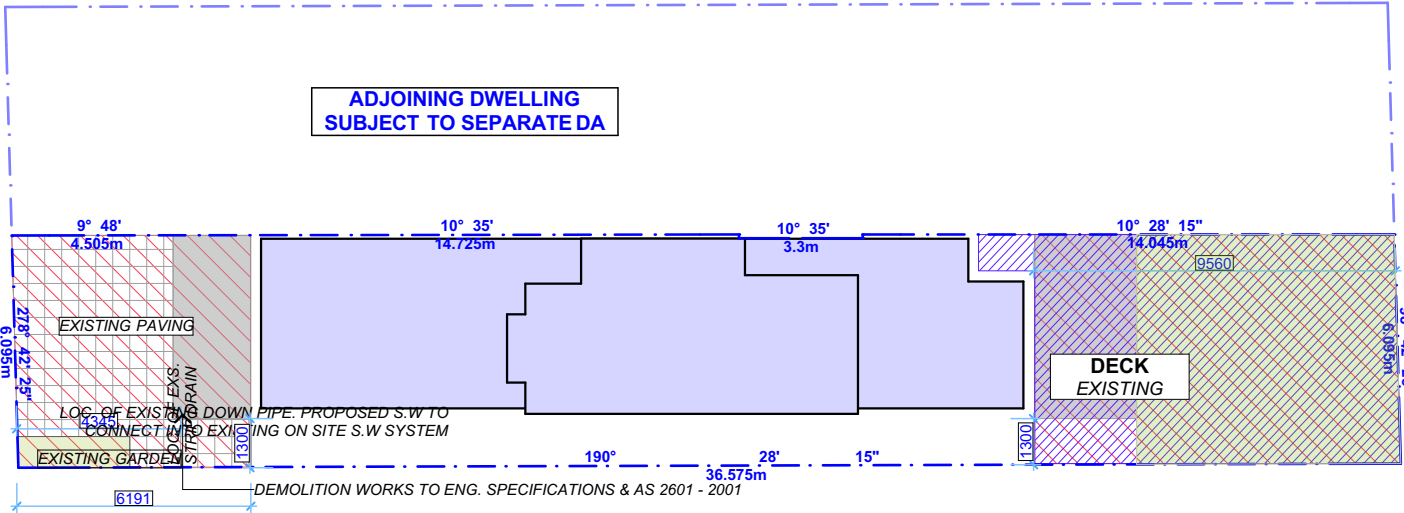
1:100 @A3



MT-01
COLOURBOND METAL ROOF SHEETING
POWDERCOAT FINISH 'MANOR RED' OR SIMILAR
WHERE MARKED ON ELEVATION.



FSL-01
FIXED VELUX SKYLIGHT WINDOW
WHERE MARKED ON ELEVATION.



CONTROL TABLE			
SITE AREA 223.2m ²			
	REQUIRED	EXISTING	PROPOSED
FLOOR SPACE RATIO	0:6 : 1 (133.92m ²)	0.56 : 1 (125.86m ²)	UNCHANGED
TOTAL OPEN SPACE	55% (122.76m ²)	96.37m ²	UNCHANGED
LANDSCAPE	35% TOS 42.96m ²	41.88m ²	UNCHANGED
OPEN SPACE ABOVE GROUND	40% OF TOS 49.1m ²	23.1m ²	UNCHANGED
PRIVATE OPEN SPACE	18m ²	59.5m ²	UNCHANGED

1

EXISTING AREA CALCULATIONS

1:200



ACTION PLANS

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REV.	DATE	COMMENTS	DRWN
A	190625	INITIAL DESIGN PLAN	LRP
B	190724	FIRST DESIGN AMENDMENT	RNA
C	190827	DA DOCUMENTATION	LRP
D	191106	DA REV A	LRP

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The Builder/Contractor shall check and verify all levels and dimensions on site prior to commencement of any work, creation of shop drawings, or fabrication of components.
All errors and omissions are to be verified by the Builder/Contractor and referred to the designer prior to the commencement of works.

LEGEND
EXISTING SHADOWS
PROPOSED SHADOWS

CLIENT
ALEX & KERRIE RALEC

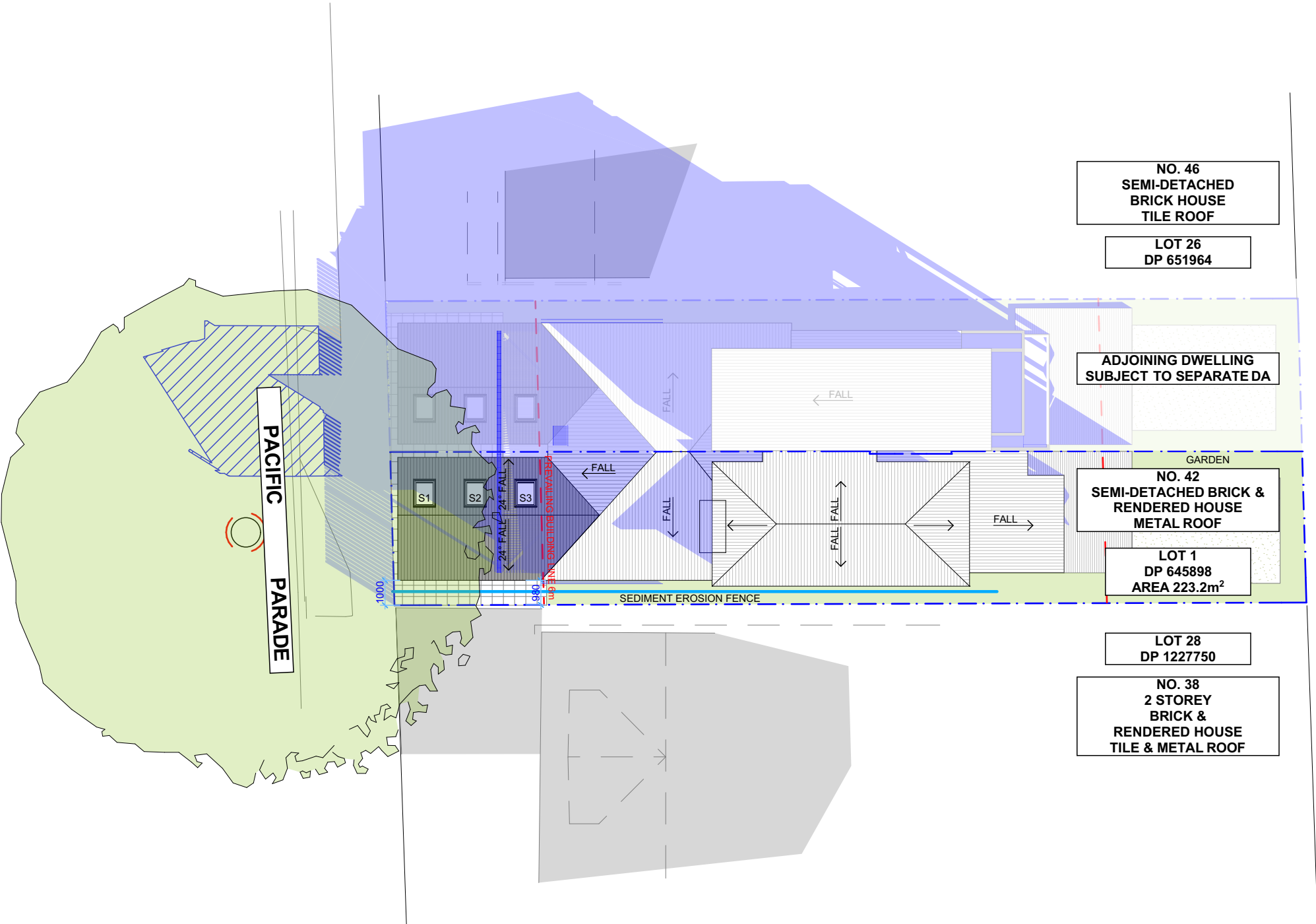
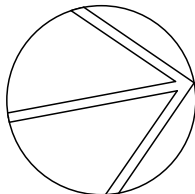
PROJECT ADDRESS
42 PACIFIC PARADE,
MANLY 2095

DRAWING NO.
DA12

DATE
Wednesday, 6
November 2019

DRAWING NAME
WINTER SOLSTICE 9 AM

SCALE
1:200 @A3





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LEGEND
EXISTING SHADOWS
PROPOSED SHADOWS

CLIENT
ALEX & KERRIE RALEC
PROJECT ADDRESS
42 PACIFIC PARADE, MANLY 2095

DRAWING NO.
DA14
DATE
Wednesday, 6 November 2019

DRAWING NAME
WINTER SOLSTICE 3 PM
SCALE
1:200 @A3

