

# **ACTION PLANS**

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### **DEVELOPMENT APPLICATION**

| SHEET NUMBER | SHEET NAME  | DATE PUBLISHED |
|--------------|---|----------------|
| DA00         | COVER   | 14/7/20        |
| DA01         | SITE ANALYSIS   | 14/7/20        |
| DA02         | SITE / ROOF / SEDIMENT EROSION / WASTE MANAGEMENT / STORMWATER CONCEPT PLAN | 14/7/20        |
| DA03         | EXISTING GROUND FLOOR PLAN  | 14/7/20        |
| DA04         | PROPOSED GROUND FLOOR PLAN  | 14/7/20        |
| DA05         | NORTH / EAST ELEVATION  | 14/7/20        |
| DA06         | SOUTH / WEST ELEVATION  | 14/7/20        |
| DA07         | LONG / CROSS SECTION  | 14/7/20        |
| DA08         | AREA CALCULATIONS / SAMPLE BOARD  | 14/7/20        |
| DA09         | WINTER SOLSTICE 9 AM  | 14/7/20        |
| DA10         | WINTER SOLSTICE 12 PM   | 14/7/20        |
| DA11         | WINTER SOLSTICE 3 PM  | 14/7/20        |
| DA12         | BASIX COMMITMENTS   | 14/7/20        |

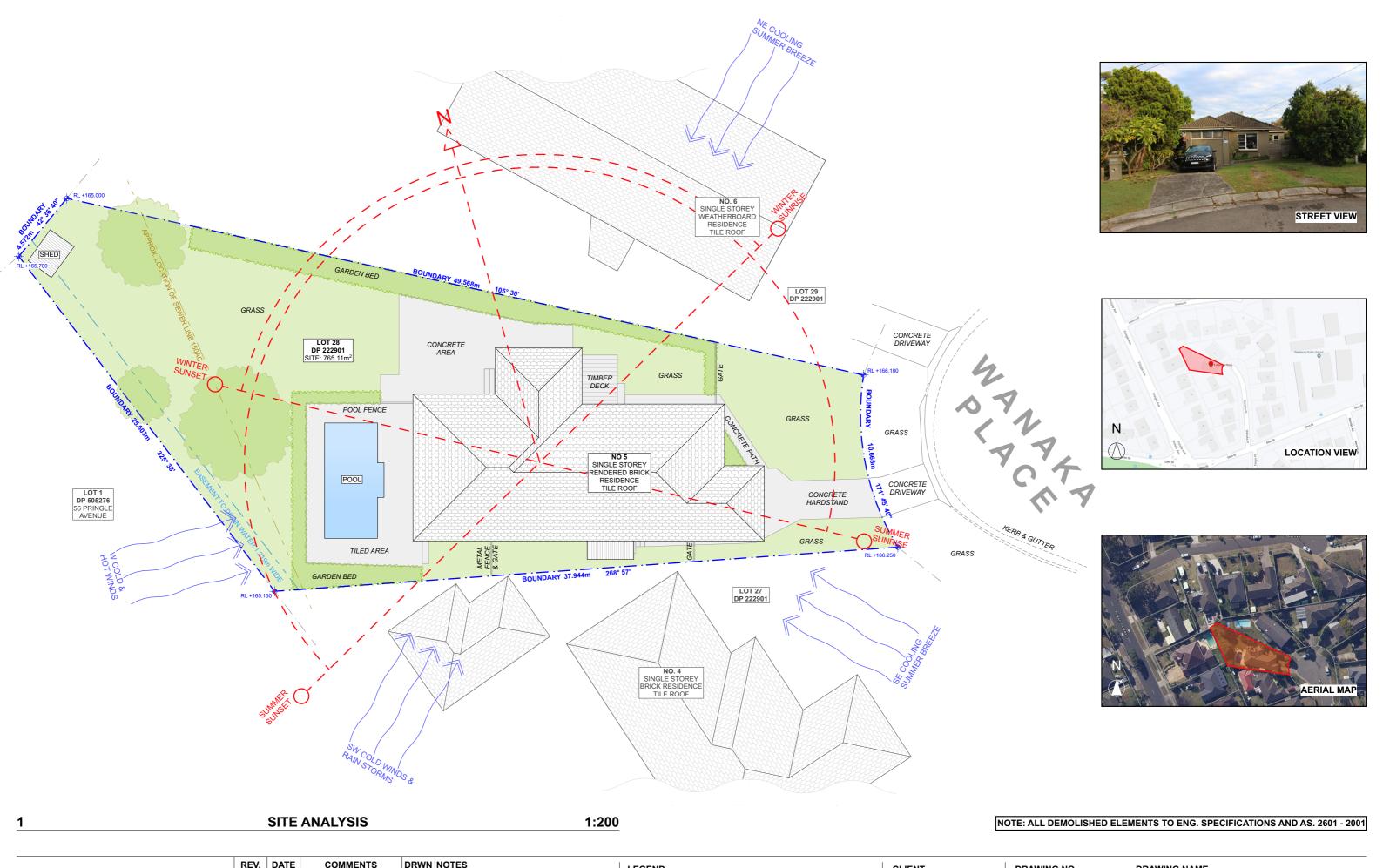
| ITEM DETAILS                | DEVELOPMENT APPLICATIO                                | N                      |                  |  |  |  |  |
|-----------------------------|---|------------------------|------------------|--|--|--|--|
| ADDRESS                     | 5 WANAKA PLACE, BELROSE NSW                           | / 2085                 |                  |  |  |  |  |
| LOT & DP/SP                 | LOT 28 DP 222901 NORTHERN BEACHES COUNCIL (WARRINGAH) |                        |                  |  |  |  |  |
| COUNCIL                     |   |                        |                  |  |  |  |  |
| SITE AREA                   | 765.11m <sup>2</sup>                                  |                        |                  |  |  |  |  |
| FRONTAGE                    | CURVED 10.668m  |                        |                  |  |  |  |  |
| CONTROLS                    | PERMISSIBLE / REQUIRED                                | EXISTING               | PROPOSED         | COMPLIANCE   |  |  |  |
| CONTROLS                    | m / m² / %  | m / m² / %             | m / m² / %       |  |  |  |  |
| <u>LEP</u>                  |   |                        |                  |  |  |  |  |
| LAND ZONING                 | R2 – LOW DENSITY RESIDENTIAL                          | R2                     | R2               | YES  |  |  |  |
| MINIMUM LOT SIZE            | 600m²   | 765.11m <sup>2</sup>   | UNCHANGED        | YES  |  |  |  |
| FLOOR SPACE RATIO           | NOT IDENTIFEID  | N/A                    | N/A              | N/A  |  |  |  |
| MAXIMUM BUILDING HEIGHT     | 8.5m  | 5.705m                 | UNCHANGED        | YES  |  |  |  |
| <u>HAZARDS</u>              |   |                        |                  |  |  |  |  |
| DEVELOPMENT ON SLOPING LAND | AREA A = SLOPE LESS THAN 5<br>DEGREES                 |                        |                  | PLEASE READ IN<br>CONJUNCTION WITH<br>STATEMENT OF<br>ENVIRONMENTAL<br>EFFECTS |  |  |  |
| DCP                         |   |                        |                  |  |  |  |  |
| WALL HEIGHT                 | 7.2m  | 3.318m                 | UNCHANGED        | YES  |  |  |  |
| NUMBER OF STOREYS           | NOT IDENTIFEID  | 1                      | UNCHANGED        | YES  |  |  |  |
| SIDE BOUNDARY ENVELOPE      | 4m  |                        | UNCHANGED        | YES  |  |  |  |
| SIDE BOUNDARY SETBACKS      | 0.9m  | N: 2.746m<br>S: 0.749m | UNCHANGED        | YES<br>NO (EXISTING)   |  |  |  |
| FRONT BOUNDARY SETBACK      | 6.5m  | 6.702m                 | UNCHANGED        | YES  |  |  |  |
| REAR BOUNDARY SETBACK       | 6.0m  | 9.310m                 | UNCHANGED        | YES  |  |  |  |
| LANDSCAPE OPEN SPACE        | 40% (306.04m²)  | 54.17% (414.49m²)      | 53.70% (410.9m²) | YES  |  |  |  |
| PRIVATE OPEN SPACE          | 60m²  | 60m²                   | UNCHANGED        | YES  |  |  |  |

## 5 Wanaka Place, Belrose NSW 2085



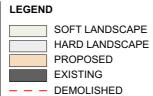
#### **NCC & AS COMPLIANCES SPECIFICATIONS**

- 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 AS 2870-2011
- MASONRY PART 3.3 OF NCC INCLUDING AS 3700:2018
- 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 AS 1288
- FIRE SAFETY PART 3.7 OF NCC
- FIRE SEPARATION OF EXTERNAL WALLS PART 3.7.2 OF NCC
- FIRE PROTECTION OF SEPARATING 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
- STAIRWAY AND 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 & AS1926.1 2012
- DEMOLITION WORKS AS2601-2001 THE DEMOLITION OF STRUCTURES.
- WATERPROOFING OF WET AREAS TO COMPLY WITH AS 3740-2010
- ALL PLUMBING & DRAINAGE WORK TO COMPLY WITH AS 3500:2018
- ALL PLASTERBOARD WORK TO COMPLY WITH AS 2588:2018
- ALL STRUCTURAL STEEL WORK TO COMPLY WITH AS 4100-1992 & AS 1554
- ALL CONCRETE WORK TO COMPLY WITH AS 3600:2018
- ALL ROOF SHEETING WORK TO COMPLY WITH AS 1562.1-2018
- ALL SKYLIGHTS TO COMPLY WITH AS 4285-2019
- ALL CERAMIC TILING TO COMPLY WITH AS 3958.1-2007 & 3958.2-1992
- ALL GLAZING ASSEMBLIES TO COMPLY WITH AS 2047-2014 &~1288
- ALL TIMBER RETAINING WALLS ARE TO COMPLY WITH AS 1720.1-2010,
- AS 1720.2-2006, AS 1720.4-2006, AS 1170.1-2002 & AS 1170.4-2007
   ALL RETAINING WALLS ARE TO COMPLY WITH 3700:2018 & AS 3600:2018
- ALL CONSTRUCTION TO COMPLY WITH AS 3959:2018





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| u |      |            |                  |      | 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.                                      |



**EXISTING** EX. DP. DOWNPIPE PROP. PROPOSED DOWNPIPE DP.

CLIENT Liz Harmer

NSW 2085

PROJECT ADDRESS

DATE 5 Wanaka Place, Belrose Tuesday, 14 July 2020

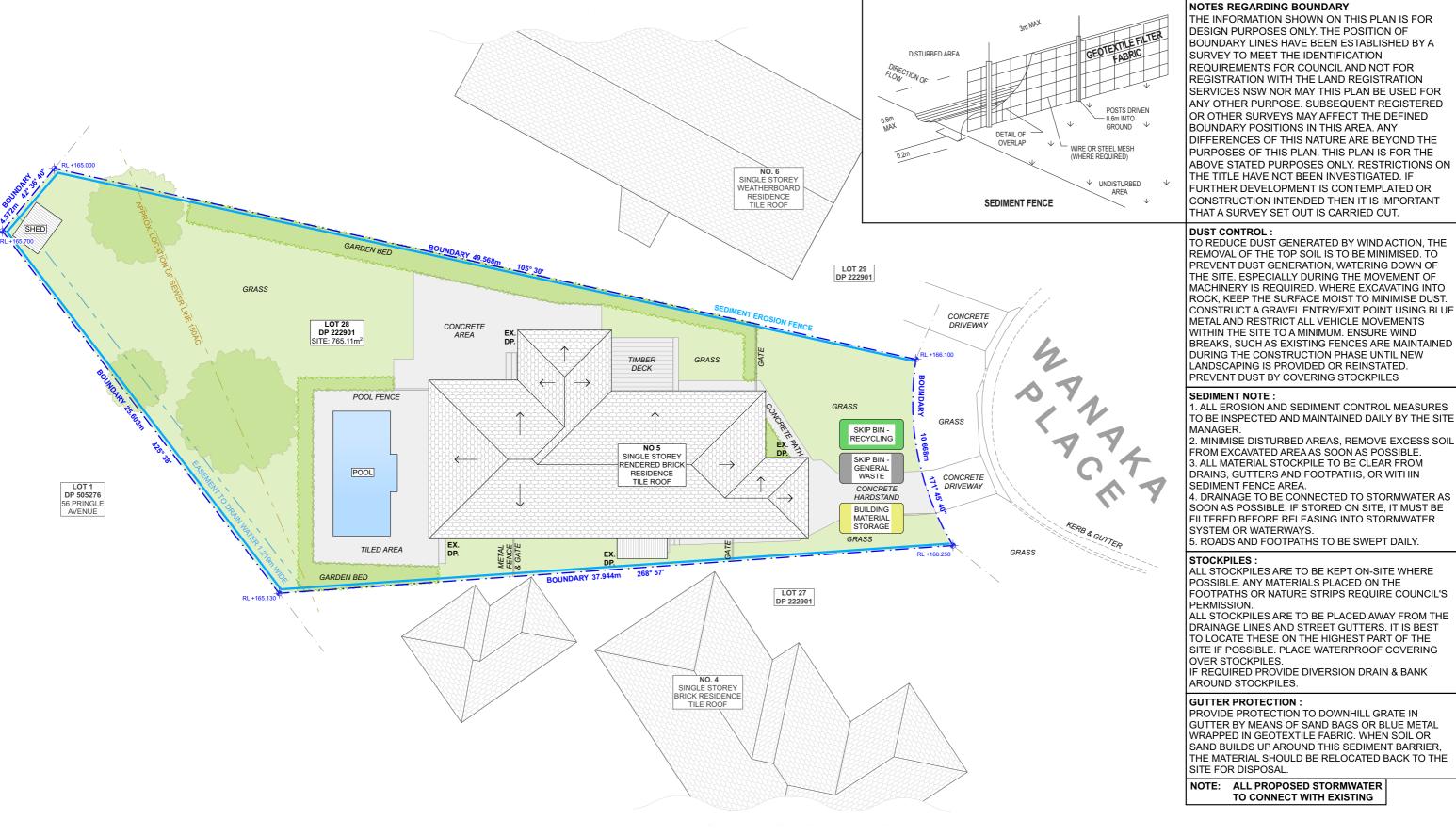
DRAWING NO.

**DA01** 

DRAWING NAME SITE ANALYSIS

SCALE 1:200 @A3





#### SITE / ROOF / SEDIMENT EROSION / WASTE MANAGEMENT / STORMWATER CONCEPT PLAN 1:200

DRWN NOTES



REV. DATE

COMMENTS

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|   | '       |     |                  |     | commencement of works.  |



**LEGEND** 

EX. **EXISTING** DP. DOWNPIPE PROP. PROPOSED DP. DOWNPIPE

CLIENT

Liz Harmer

PROJECT ADDRESS 5 Wanaka Place, Belrose NSW 2085

DRAWING NO. **DA02** 

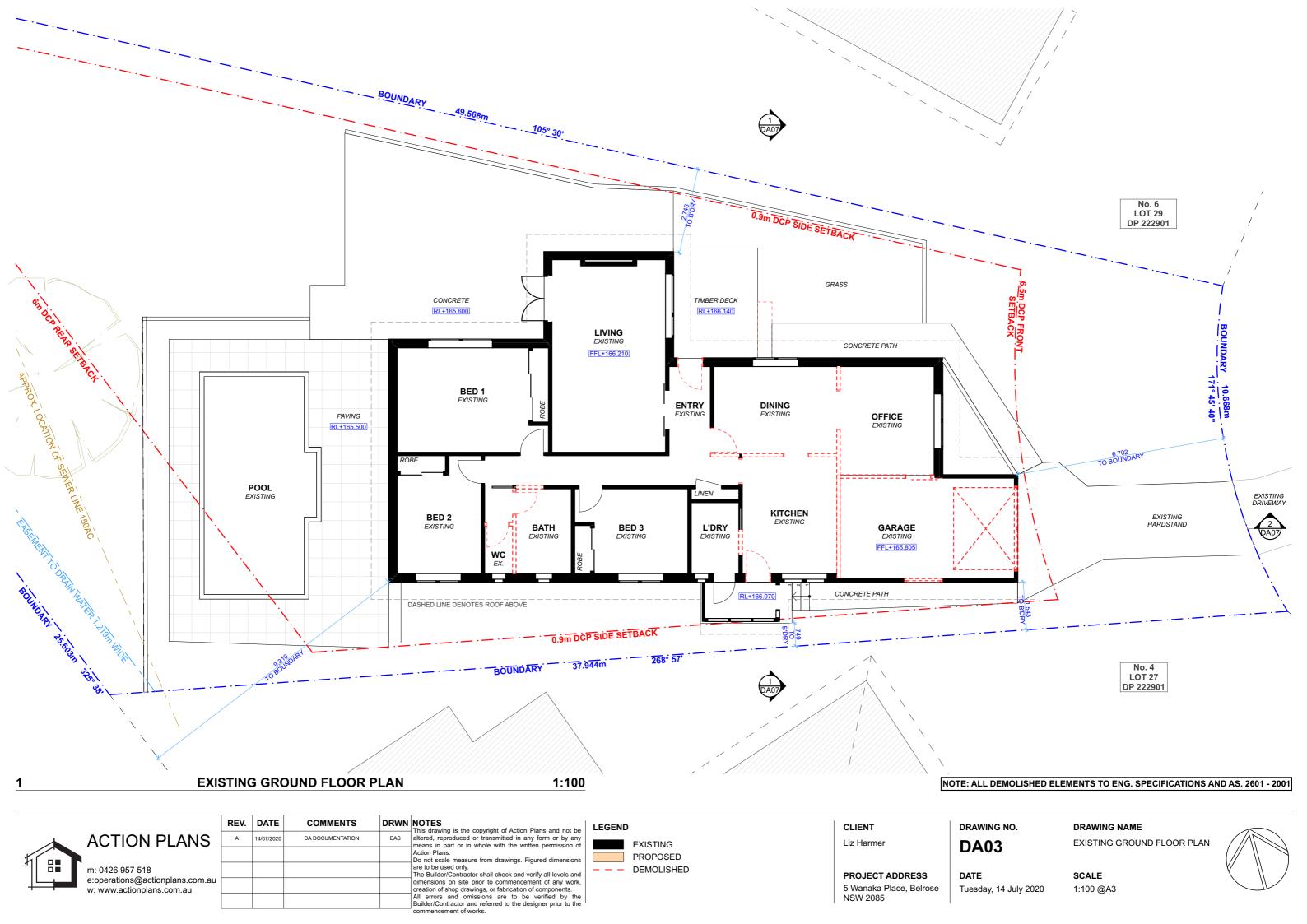
DATE Tuesday, 14 July 2020 DRAWING NAME

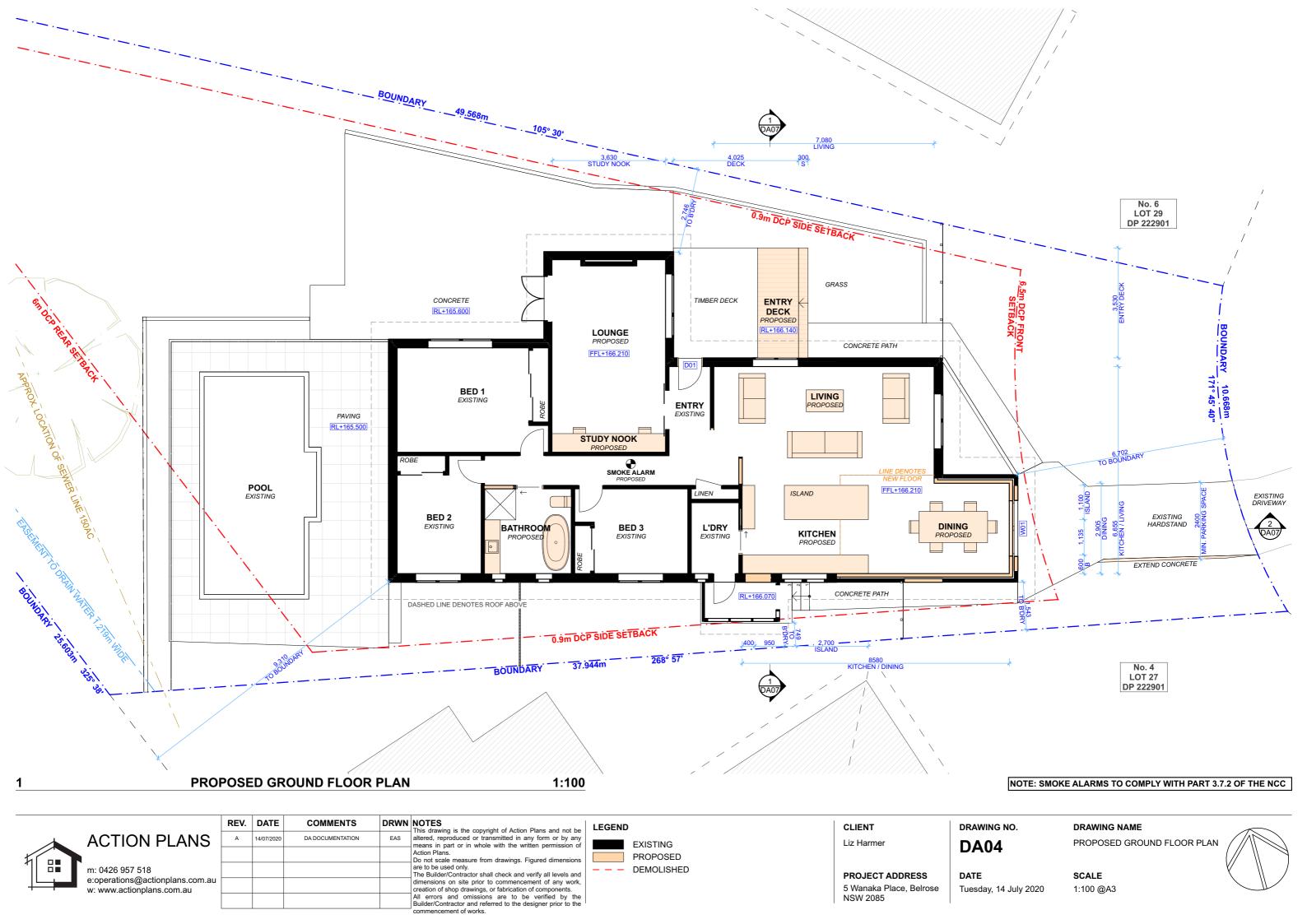
SITE / ROOF / SEDIMENT EROSION / WASTE MANAGEMENT / STORMWATER CONCEPT PLAN

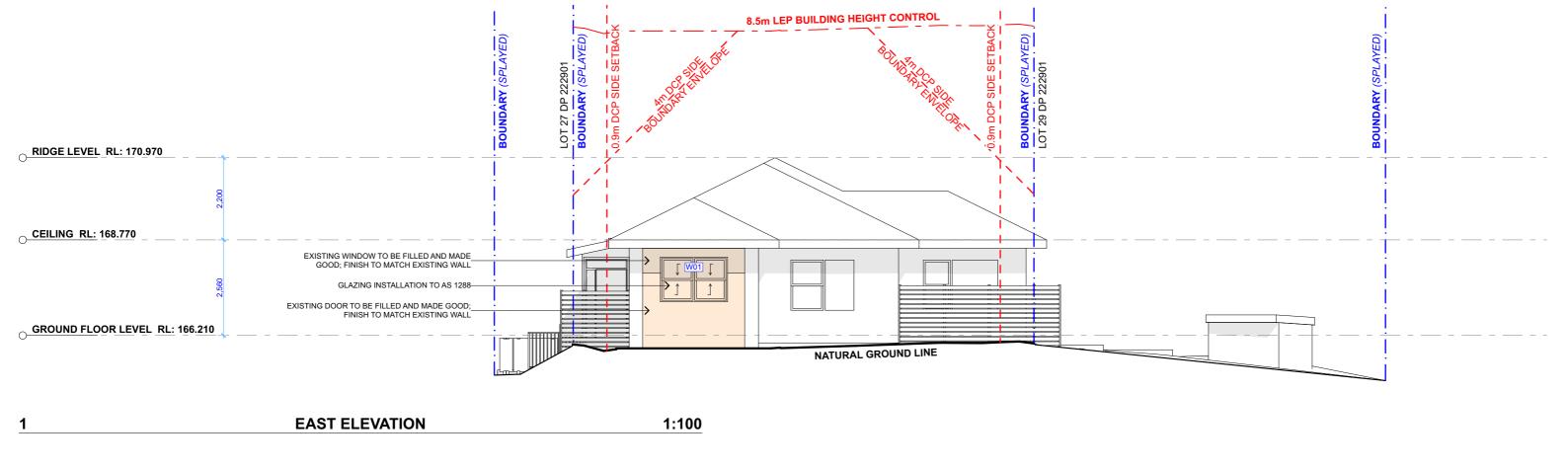
SCALE

1:200 @A3

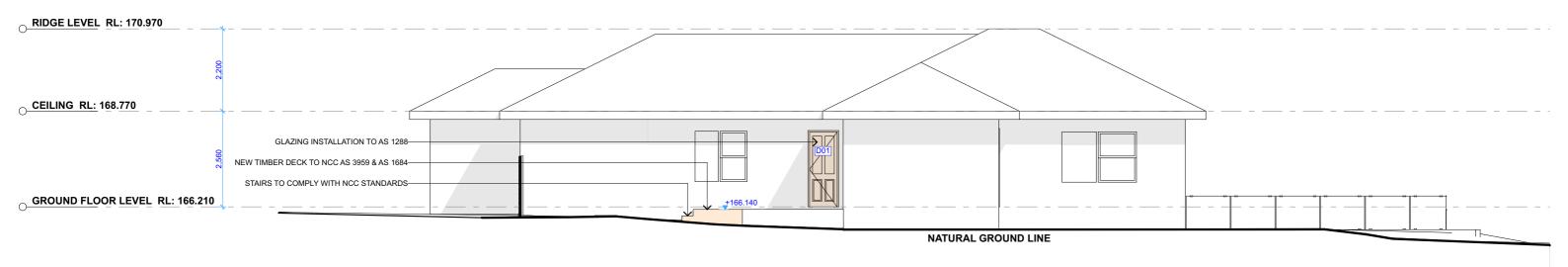




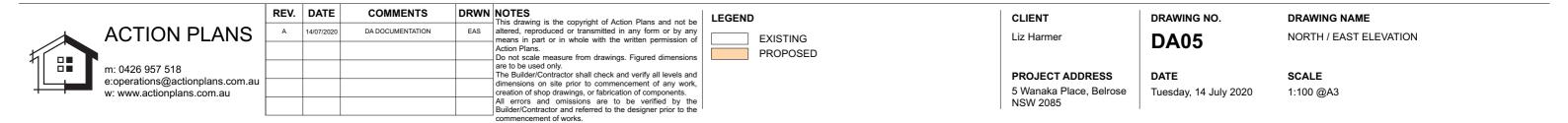


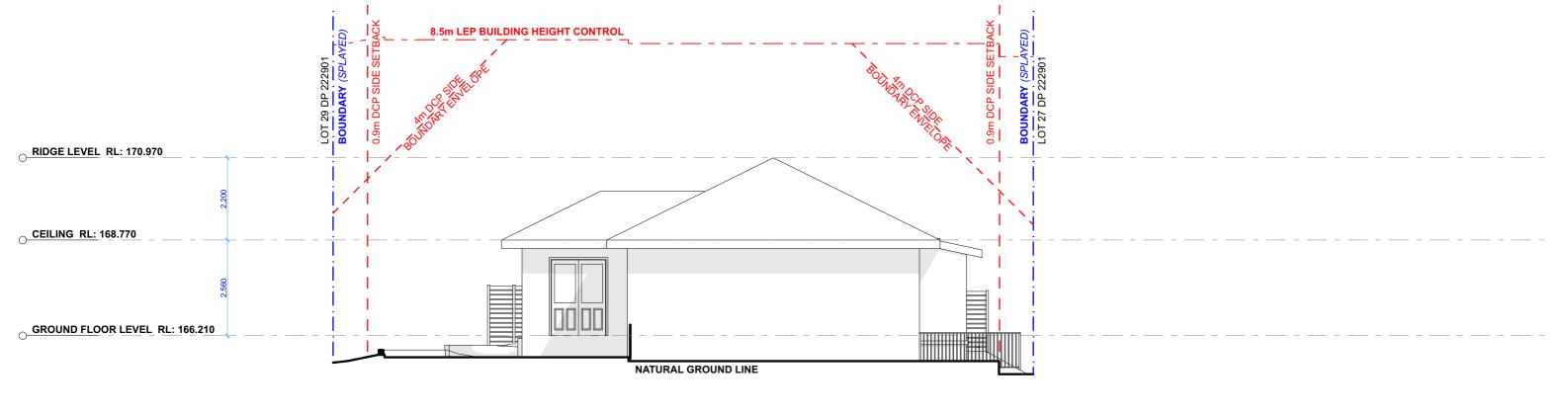


8.5m LEP BUILDING HEIGHT CONTROL

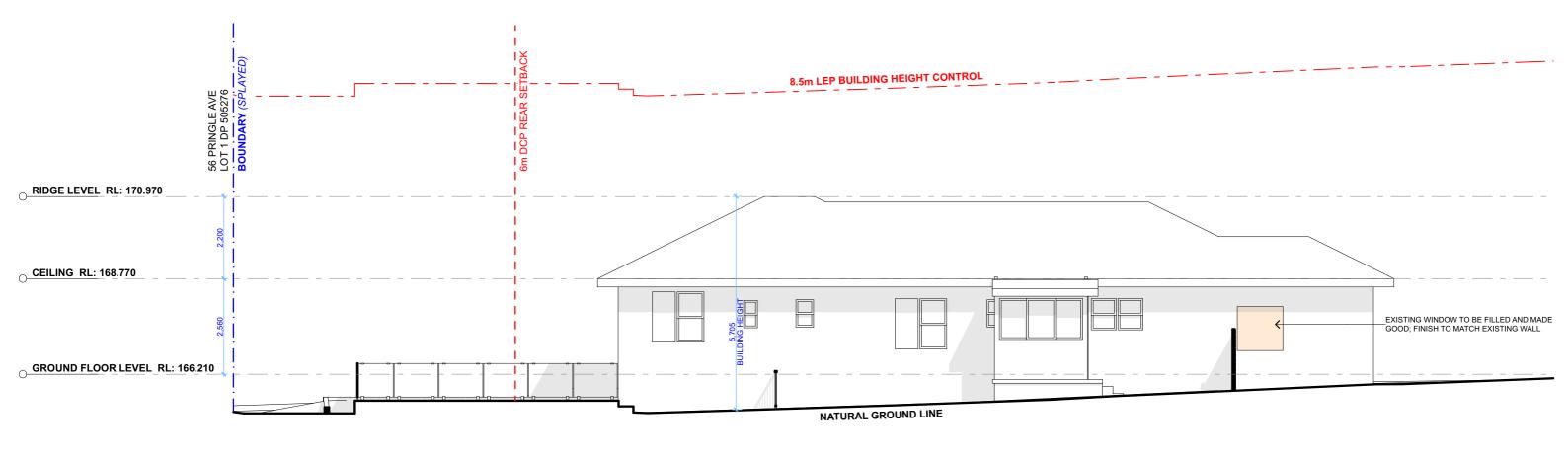


NORTH ELEVATION 1:100

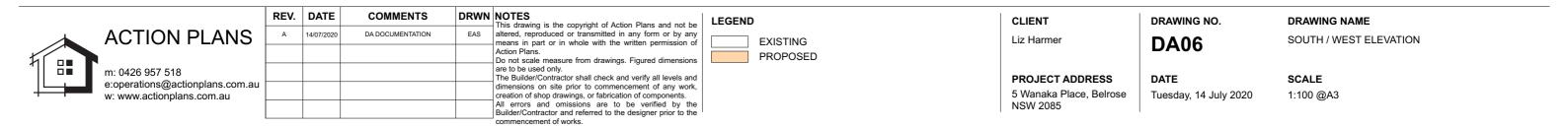


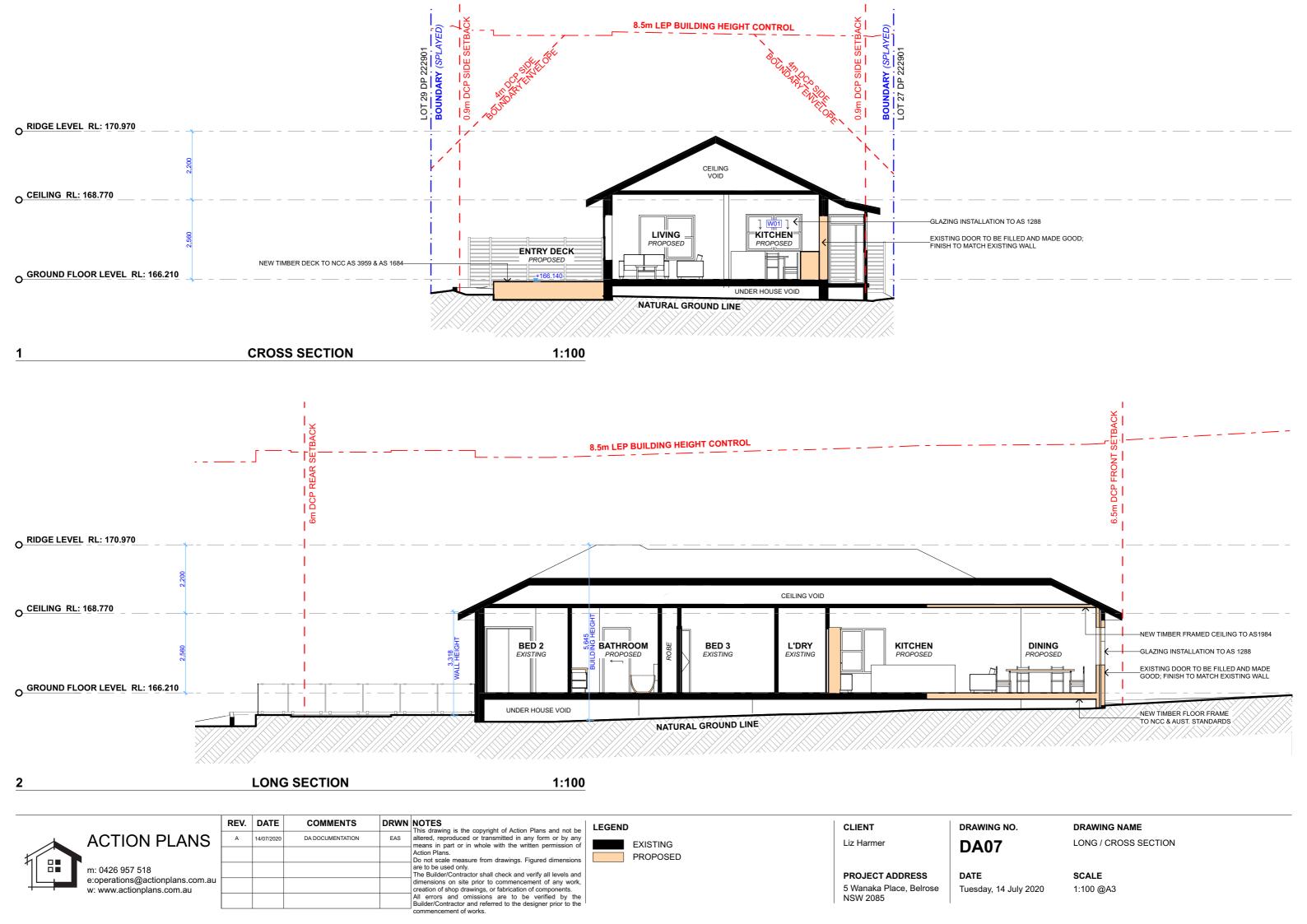


1 WEST ELEVATION 1:100



2 SOUTH ELEVATION 1:100







PROPOSED AREA CALCULATIONS 1:200



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|   |      |            |                  |      | All errors and omissions are to be verified by the<br>Builder/Contractor and referred to the designer prior to the<br>commencement of works.                                     |

LEGEND

CLIENT Liz Harmer

NSW 2085

PROJECT ADDRESS

DATE 5 Wanaka Place, Belrose

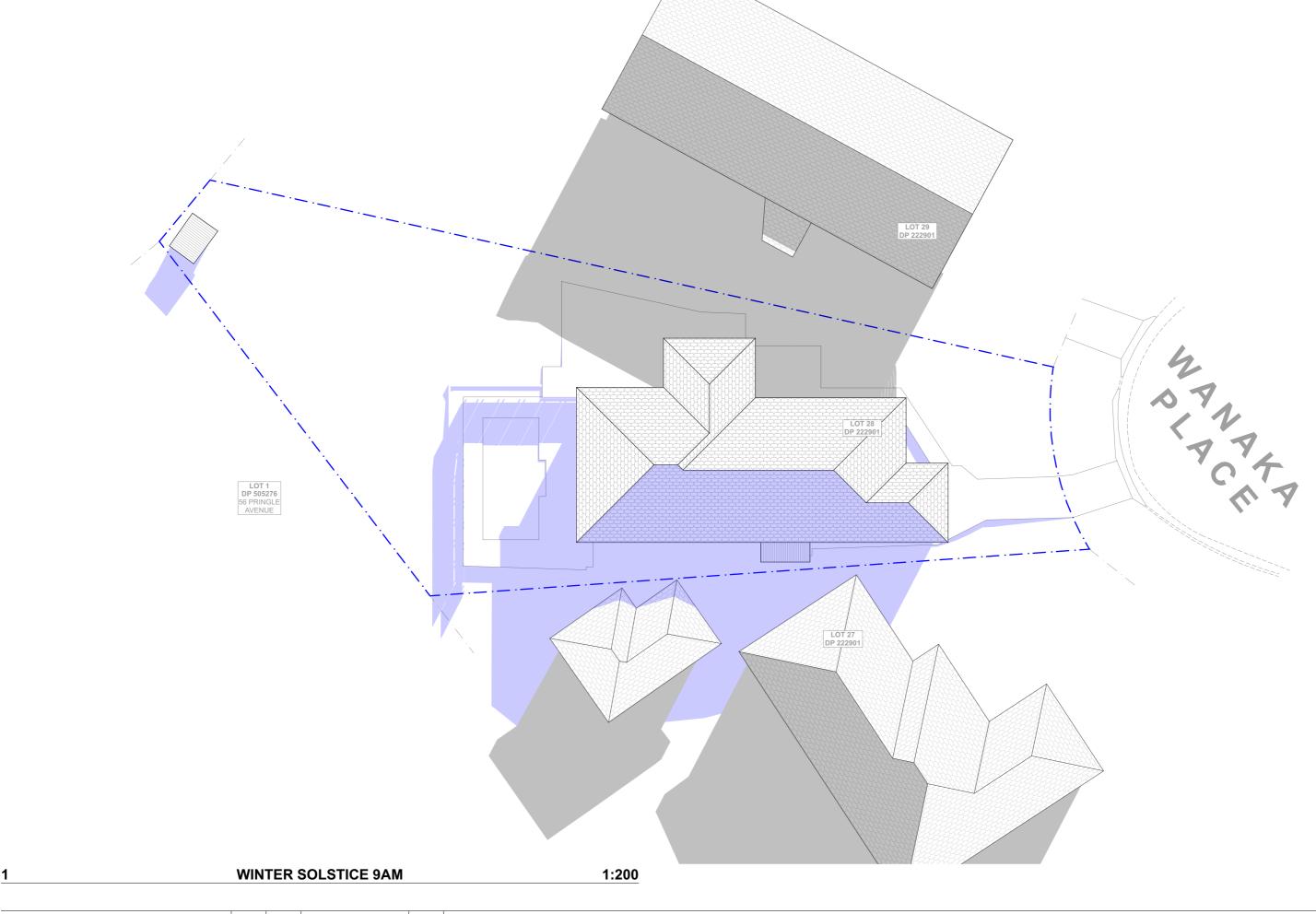
DRAWING NO.

AREA CALCULATIONS / SAMPLE BOARD **DA08** 

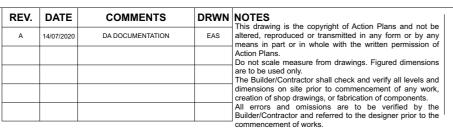
DRAWING NAME

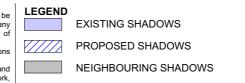
SCALE Tuesday, 14 July 2020 1:200 @A3











| CLIENT     | DRAWING NO. |
|------------|-------------|
| Liz Harmer | DA09        |

NSW 2085

PROJECT ADDRESS

5 Wanaka Place, Belrose

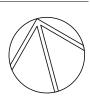
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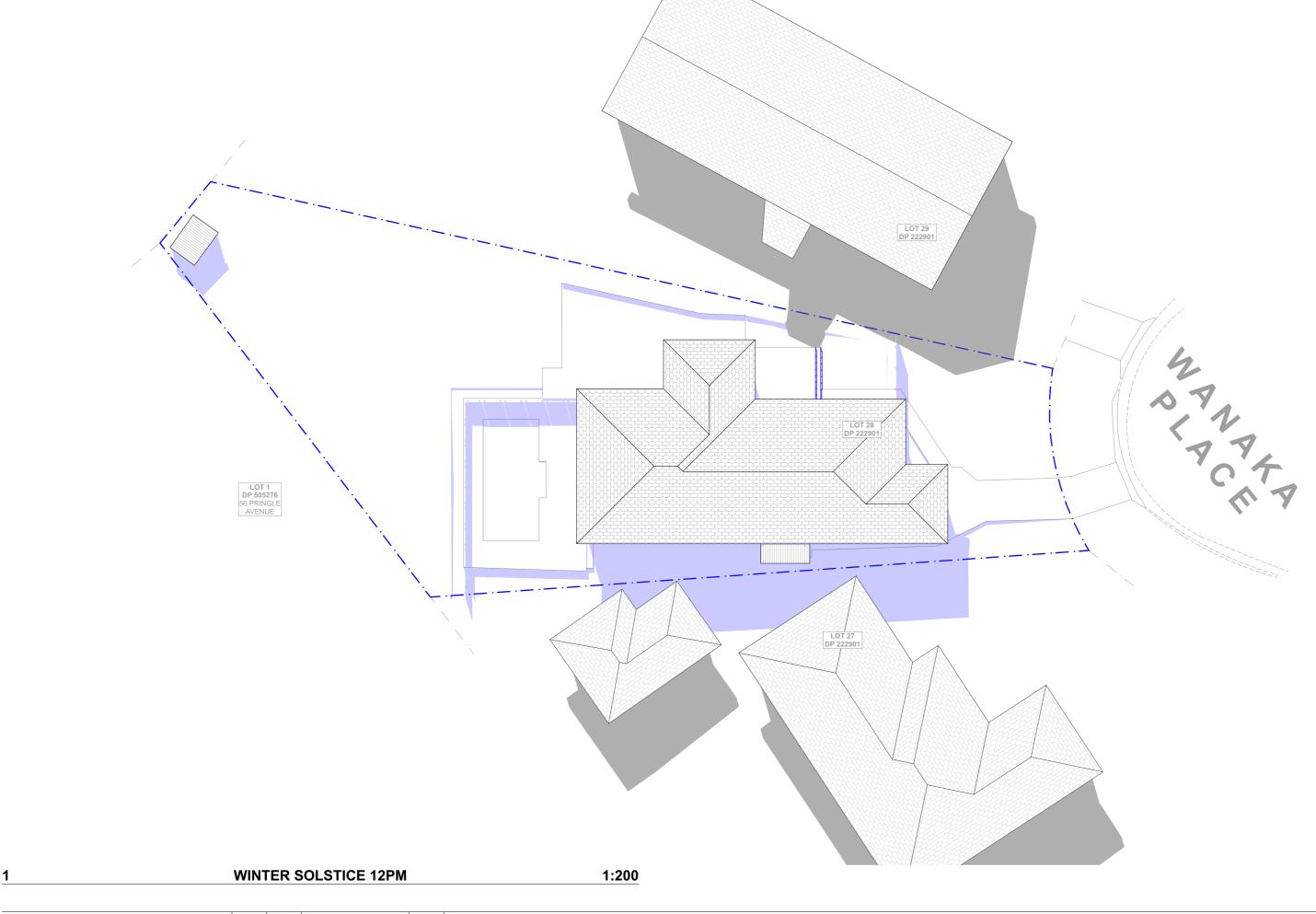
Tuesday, 14 July 2020

DA09 WINTER SOLSTICE 9 AM

SCALE 1:200 @A3

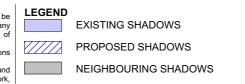
DRAWING NAME







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|   |      |            |                  |      | All errors and omissions are to be verified by the Builder/Contractor and referred to the designer prior to the   |
|   |      |            |                  |      | commencement of works.  |



CLIENT DR

DA10
CCT ADDRESS DATE

PROJECT ADDRESS 5 Wanaka Place, Belrose NSW 2085 DRAWING NO.

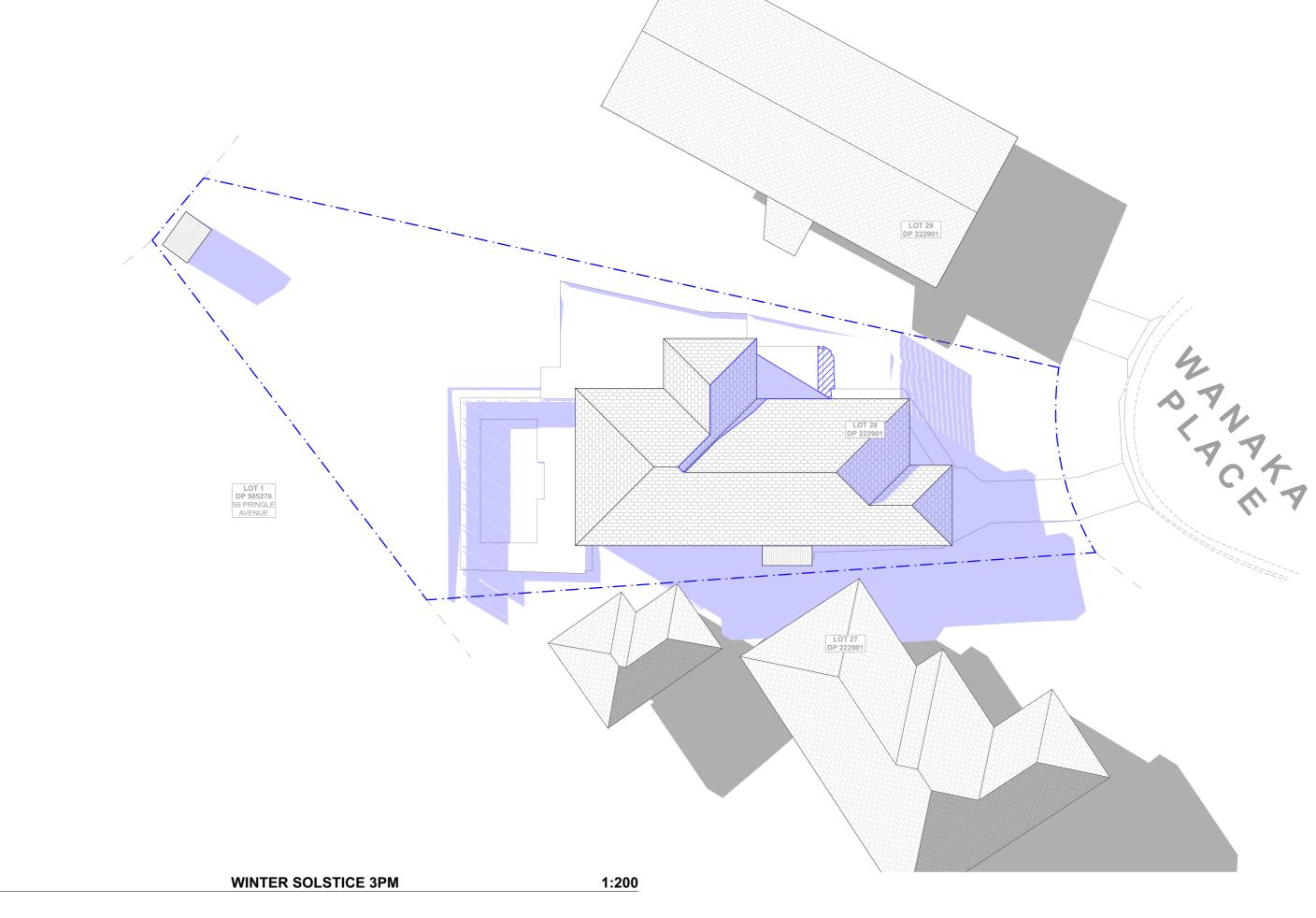
DRAWING NAME

WINTER SOLSTICE 12 PM

Tuesday, 14 July 2020

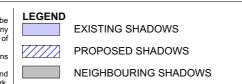
SCALE 1:200 @A3







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| ' |      |            |                  |      | dimensions on site prior to commencement of any work, creation of shop drawings, or fabrication of components.    |
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|   |      |            |                  |      | commencement of works.  |



CLIENT DRAWING NO.

Liz Harmer DA11

PROJECT ADDRESS
5 Wanaka Place, Belrose
NSW 2085

DATE
Tuesday, 14 July 2020

TING NO. DRAWING NAME

WINTER SOLSTICE 3 PM

SCALE 1:200 @A3





Building Sustainability Index www.basix.nsw.gov.au

### Alterations and Additions

Certificate number: A382300

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Alterations and Additions Definitions" dated 06/10/2017 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Monday, 06, July 2020

To be valid, this certificate must be lodged within 3 months of the date of issue.



| t         | Project address                 |   |
|-----------|---------------------------------|---|
| roje      | Project name                    | 5 Wanaka Place Belrose  |
|           | Street address                  | 5 Wanaka Place Belrose 2085   |
| ĭ         | Local Government Area           | Northern Beaches Council  |
| d         | Plan type and number            | Deposited Plan 222901   |
| 4-        | Lot number                      | 28  |
| 0         | Section number                  |   |
|           | Project type                    |   |
| 9         | Dwelling type                   | Separate dwelling house   |
| scription | Type of alteration and addition | My renovation work is valued at \$50,000 or more, and does not include a pool (and/or spa). |
| esci      |                                 |   |
|           |                                 |   |

| Certificate Prepared by (please complete before submitting to Council or PCA) |  |  |  |  |  |
|---|--|--|--|--|--|
| Name / Company Name: Action Plans   |  |  |  |  |  |
| ABN (if applicable): 17118297587  |  |  |  |  |  |

| Fixtures and systems   | Show on<br>DA Plans | Show on<br>CC/CDC<br>Plans &<br>specs | Certifier<br>Check |
|--|---------------------|---------------------------------------|--------------------|
| Lighting   |                     |                                       |                    |
| The applicant must ensure a minimum of 40% of new or altered light fixtures are fitted with fluorescent, compact fluorescent, or light-emitting-diode (LED) lamps. |                     | <b>~</b>                              | <b>✓</b>           |
| Fixtures   |                     |                                       |                    |
| The applicant must ensure new or altered showerheads have a flow rate no greater than 9 litres per minute or a 3 star water rating.                                |                     | ✓                                     | <b>✓</b>           |
| The applicant must ensure new or altered toilets have a flow rate no greater than 4 litres per average flush or a minimum 3 star water rating.                     |                     | ~                                     | ✓                  |
| The applicant must ensure new or altered taps have a flow rate no greater than 9 litres per minute or minimum 3 star water rating.                                 |                     | <b>✓</b>                              |                    |

| Construction  | Show on<br>DA Plans | Show on<br>CC/CDC<br>Plans &<br>specs | Certifier<br>Check |
|---|---------------------|---------------------------------------|--------------------|
| Insulation requirements   |                     |                                       |                    |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications liste the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation species not required for parts of altered construction where insulation already exists. |                     | <b>~</b>                              | ~                  |
| Construction Additional insulation required (R-value) Other specifications  |                     |                                       |                    |
| floor above existing dwelling or building. nil  |                     |                                       |                    |

| Glazing requ  | irements    |                               |                          |                     |   |  | Show on<br>DA Plans | Show on<br>CC/CDC<br>Plans &<br>specs | Certifier<br>Check |
|---|-------------|-------------------------------|--------------------------|---------------------|---|--|---------------------|---------------------------------------|--------------------|
| Windows and   | glazed do   | ors                           |                          |                     |   |  |                     |                                       |                    |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door.   |             |                               |                          |                     |   | ~  | ~                   | ~                                     |                    |
| The following requirements must also be satisfied in relation to each window and glazed door:   |             |                               |                          |                     |   | ✓  | ✓                   |                                       |                    |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. |             |                               |                          |                     |   |  | <b>✓</b>            | <b>✓</b>                              |                    |
| For projections described in millimetres, the leading edge of each eave, pergola, verandah, balcony or awning must be no more than 500 mm above the head of the window or glazed door and no more than 2400 mm above the sill.  |             |                               |                          |                     | <b>✓</b>                                  | ✓  | ✓                   |                                       |                    |
| Pergolas with polycarbonate roof or similar translucent material must have a shading coefficient of less than 0.35.   |             |                               |                          |                     |   | ✓  | ✓                   |                                       |                    |
| Pergolas with fixed battens must have battens parallel to the window or glazed door above which they are situated, unless the pergola also shades a perpendicular window. The spacing between battens must not be more than 50 mm.  |             |                               |                          |                     |   | <b>✓</b>   | <b>✓</b>            |                                       |                    |
| Windows ar  | d glazed o  | loors gl                      | azing re                 | equiremer           | nts                                       |  |                     |                                       |                    |
| Window / door<br>no.  | Orientation | Area of glass inc. frame (m2) | Oversha<br>Height<br>(m) | dowing Distance (m) | Shading device                            | Frame and glass type   |                     |                                       |                    |
| D1  | N           | 1.67                          | 0                        | 0                   | eave/verandah/pergola/balcony<br>>=600 mm | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) |                     |                                       |                    |
| W1  | E           | 2.16                          | 0                        | 0                   | eave/verandah/pergola/balcony<br>>=600 mm | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) |                     |                                       |                    |

In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a "
 " in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).

Commitments identified with a "V" in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a "v" in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

| ACTION PLANS  |
|---|
| m: 0426 957 518<br>e:operations@actionplans.com.au<br>w: www.actionplans.com.au |

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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.   |                         |
|      |            |                  |      | All window & door dimensions, orientation, glazing materials, opening types, frame types are to be confirmed by a suitably qualified person prior to the ordering of any such materials are to take place. | PROJECT ADDRESS         |
|      |            |                  |      | U value takes precedence over glazing type/colour in all cases.  | 5 Wanaka Place, Belrose |
|      |            |                  |      | All new glazing must meet the BASIX specified frame and glass type, <u>OR</u> meet the certified U value and SHGC value.   | NSW 2085                |
|      |            |                  |      |  |                         |

DRAWING NO. CLIENT

**DA12** 

DRAWING NAME BASIX COMMITMENTS

Wanaka Place, Belrose Tuesday, 14 July 2020

DATE