

## DRAWING INDEX - ARCHITECTURAL DRAWINGS

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## BASIX COMMITMENTS

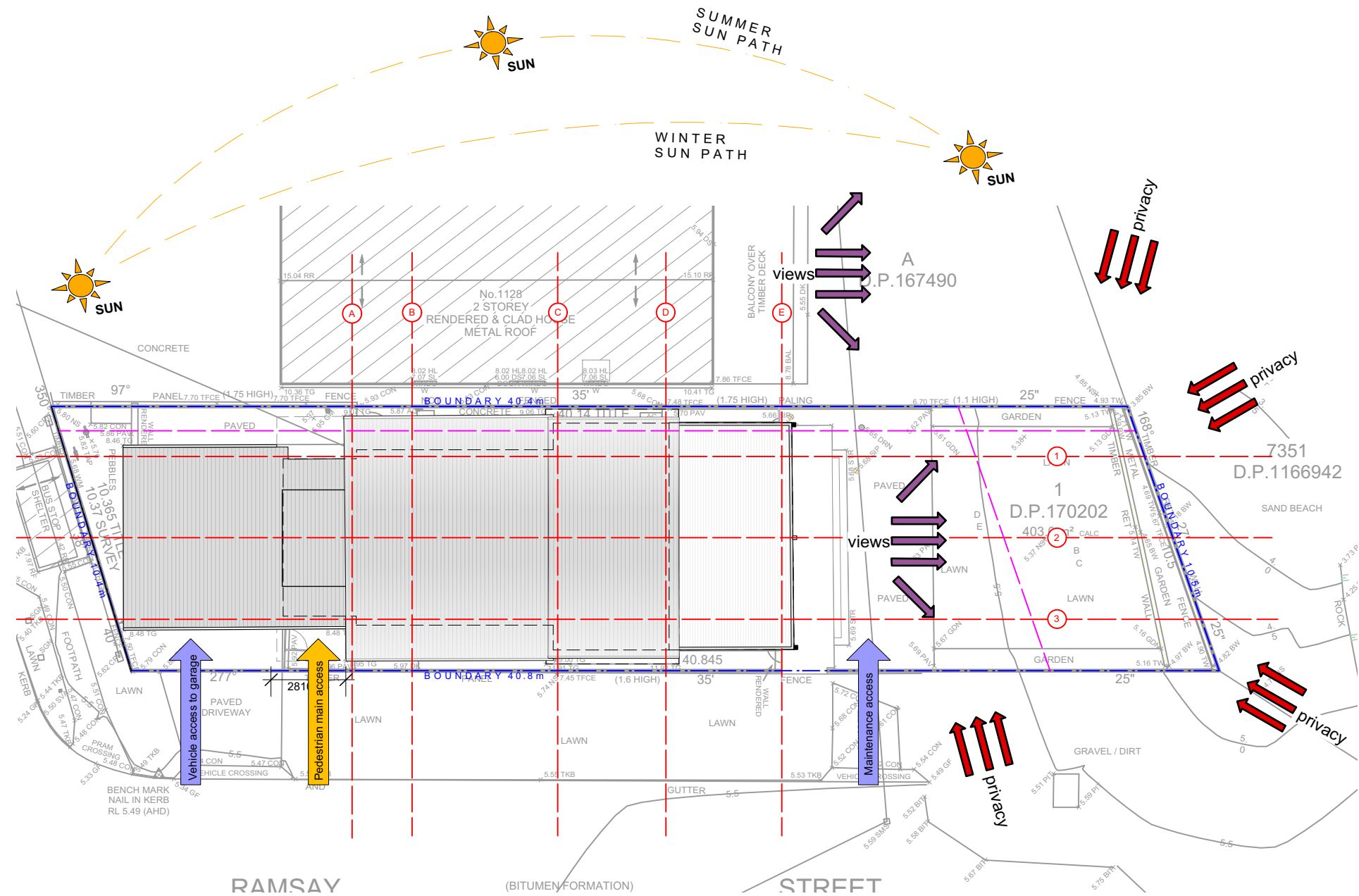
|  | BASIX COMMITMENTS  |
|--|--|
| <b>LIGHTING</b>  | The applicant must ensure a minimum of 40% of new or altered light fixtures are fitted with fluorescent, or light-emitting-diode (LED) lamps.  |
| <b>INSULATION REQUIREMENTS</b>                                 | The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2sqm, b) insulation specified is not required for parts of altered construction where insulation already exists.  |
| <b>CONSTRUCTION</b>  | concrete slab on ground  |
| <b>external wall: framed (weatherboard, fibro, metal clad)</b> | R1.30 (or R1.70 including construction)  |
| <b>internal wall shared with garage: plasterboard (R0.36)</b>  | nil  |
| <b>raked ceiling, pitched /skillion roof: framed</b>           | ceiling R2.5 (up) roof:none. Roof light (solar absorptance <0.475)   |
| <b>WINDOWS AND GLAZED DOORS</b>                                | 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.<br><br>The following requirements must also be satisfied in relation to each window and glazed door<br><br>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. |

### Windows and glazed doors glazing requirements

| Window / door no. | Orientation | Area of glass inc. frame (m2) | Overshadowing Height (m) | Overshadowing Distance (m) | Shading device                            | Frame and glass type   |
|-------------------|-------------|-------------------------------|--------------------------|----------------------------|---|--|
| W1                | W           | 0.4                           | 0                        | 0                          | none                                      | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) |
| W2                | N           | 1.7                           | 4.4                      | 2.73                       | eave/verandah/pergola/balcony >=900 mm    | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) |
| W3                | W           | 1.44                          | 1.4                      | 1                          | eave/verandah/pergola/balcony >=600 mm    | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) |
| W4                | W           | 0.8                           | 0                        | 0                          | projection/height above sill ratio >=0.29 | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) |

### Skylights glazing requirements

| Skylight number | Area of glazing inc. frame (m2) | Shading device | Frame and glass type  |
|-----------------|---------------------------------|----------------|---|
| S1              | 0.4                             | no shading     | timber, double clear/air fill, (or U-value: 4.3, SHGC: 0.5) |
| S2              | 0.4                             | no shading     | timber, double clear/air fill, (or U-value: 4.3, SHGC: 0.5) |



1 Site Analysis  
Scale: 1:200

## Stephen Grech and Associates, Architects

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### LEGEND

Builders Contractors shall verify job dimensions before any work commences. All shop drawings shall be submitted to the Architect and manufacturers shall not commence prior to the return of amended shop drawings. Figured dimensions shall take precedence over scaled. This drawing is copyright.

### ADDRESS

1126 Pittwater rd. Collaroy

### CLIENT

Glenn and Carol Wood



Lot 1  
DP 170202

### DRAWING TITLE

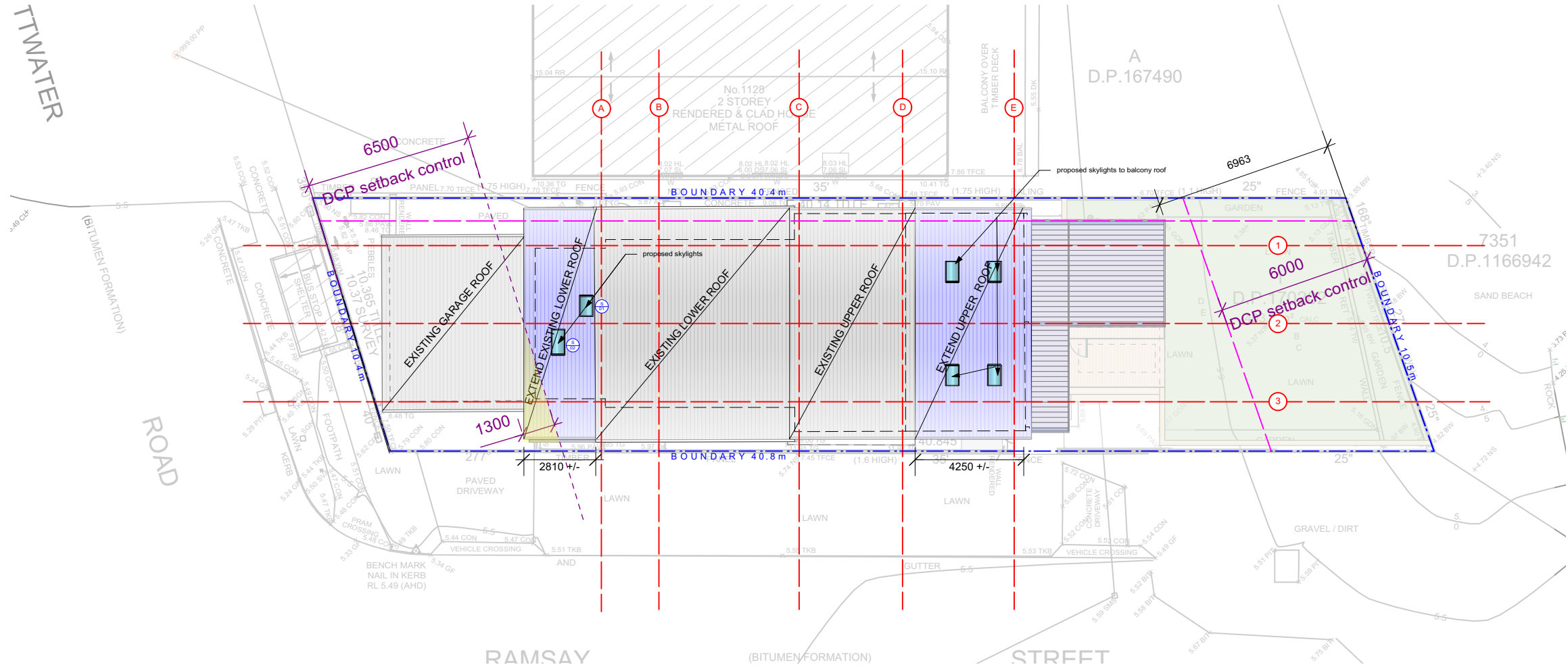
Cover and BASIX

### DRAWING NO

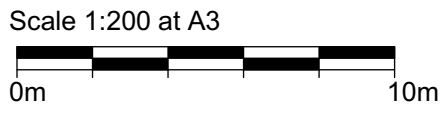
464/ 000

### REVISION

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1 Roof Plan  
Scale: 1:200



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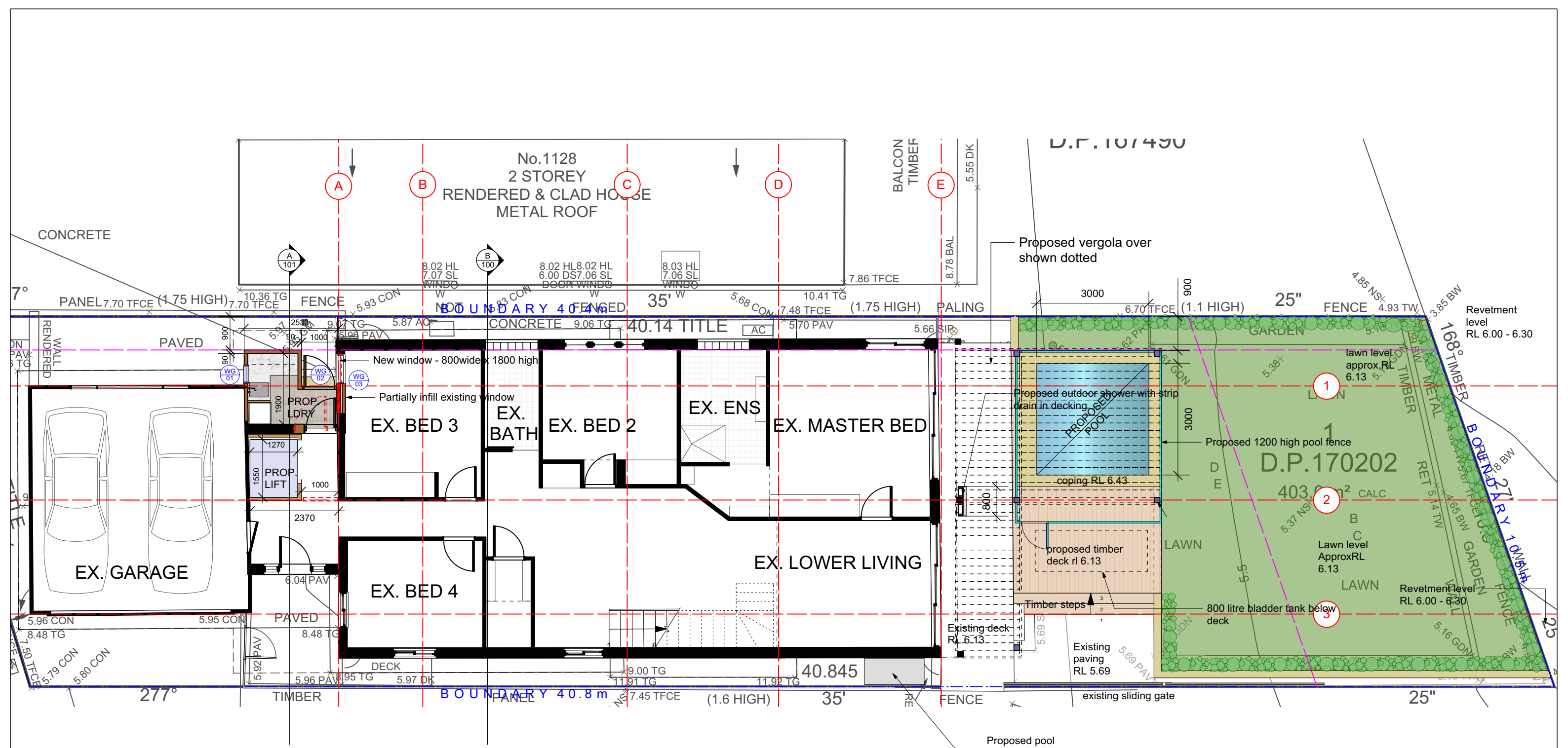
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DP 170202

**DRAWING TITLE**  
Proposed Roof Plan

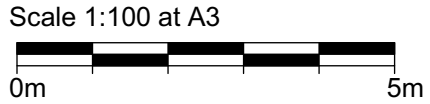
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**DRAWING NO**  
464/ 001

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1 Ground Floor Plan  
Scale: 1:100



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**LEGEND**

|  |                             |
|--|-----------------------------|
|  | Denotes full height joinery |
|  | Denotes joinery             |

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DRAWING TITLE  
**Proposed Ground Floor Plan**

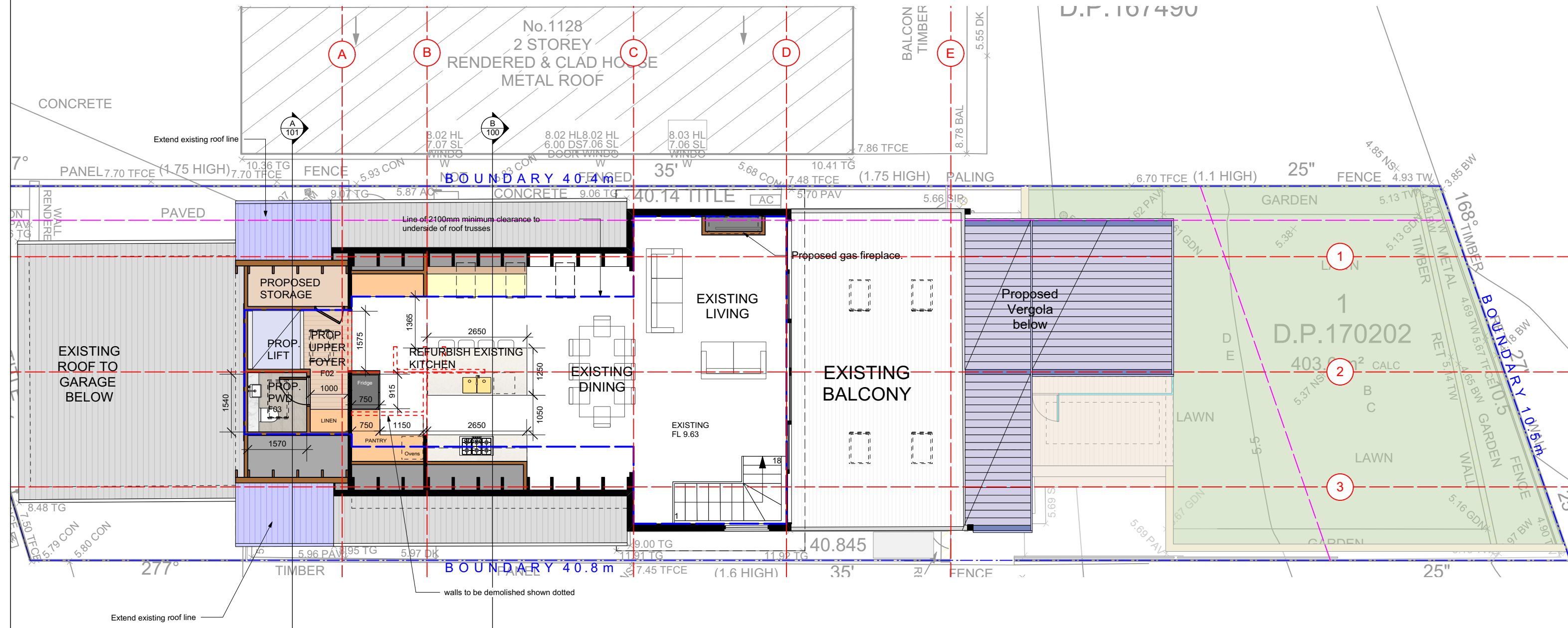
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**1:100 @A3**

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**464/ 002**

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**DA ISSUE 20.02.2023**

Lot 1  
DP 170202





1 First Floor Plan  
Scale: 1:100



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**LEGEND**

|  |                             |
|--|-----------------------------|
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|  | Denotes joinery             |

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Lot 1  
DP 170202

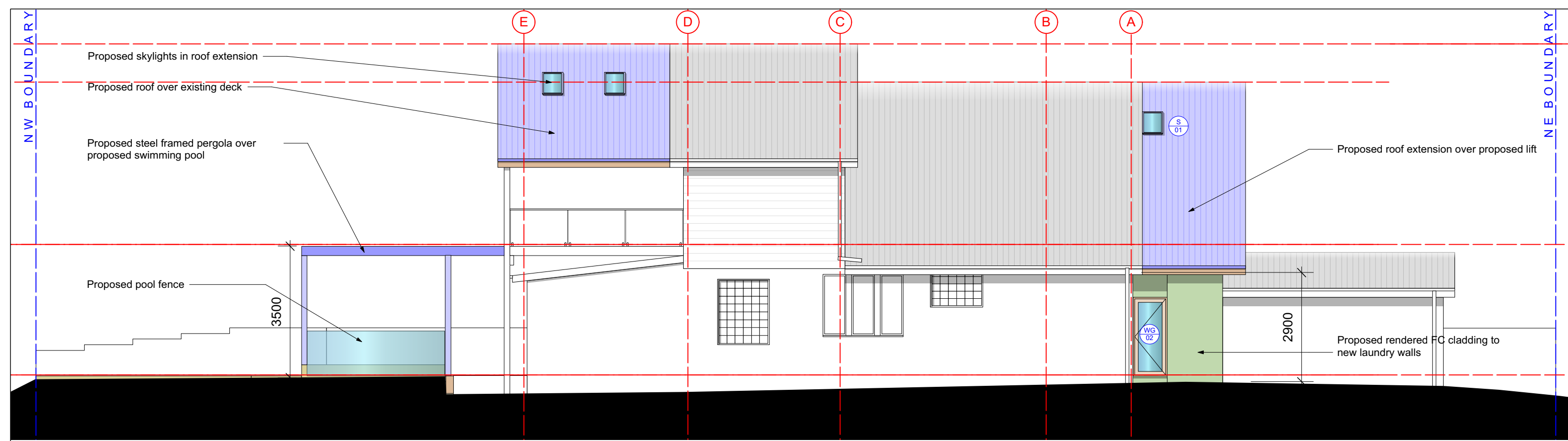


**DRAWING TITLE**  
Proposed First Floor Plan

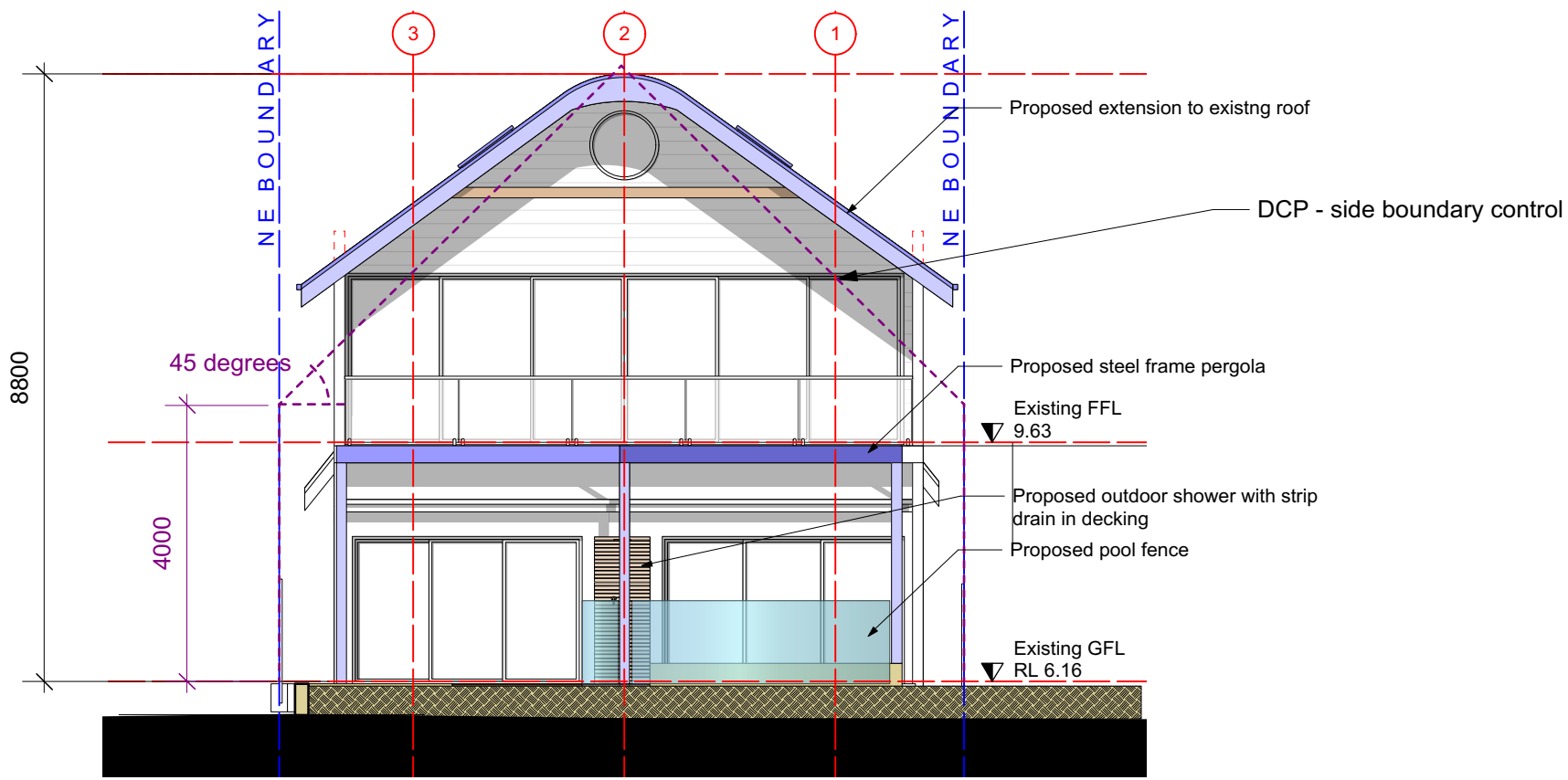
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1 North Elevation  
Scale: 1:100



2 East Elevation  
Scale: 1:100



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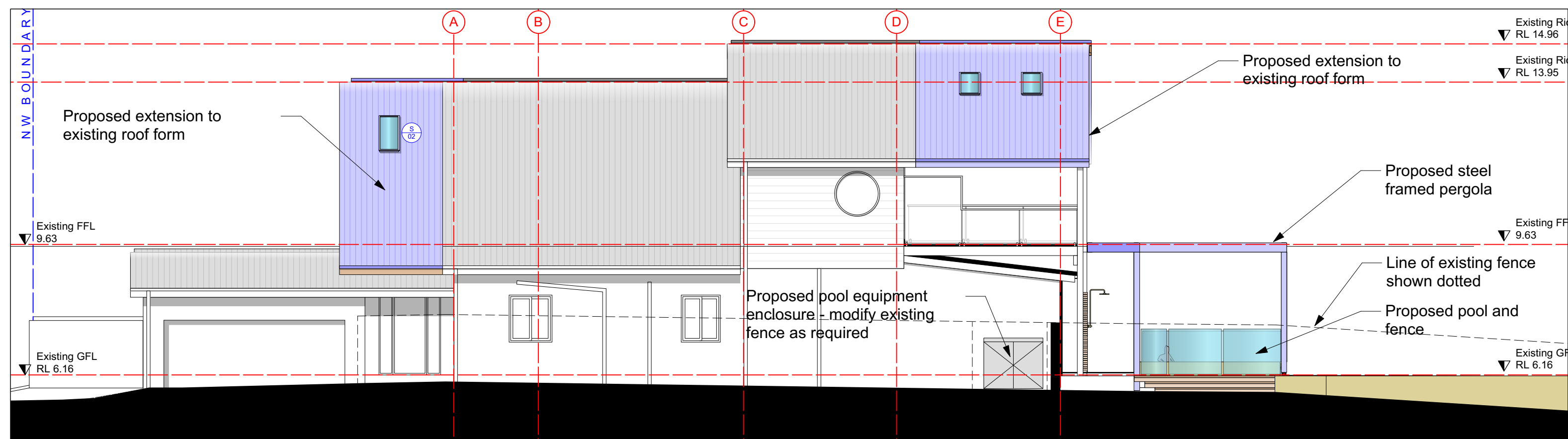
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DP 170202

**DRAWING TITLE**  
Proposed North & East Elevations

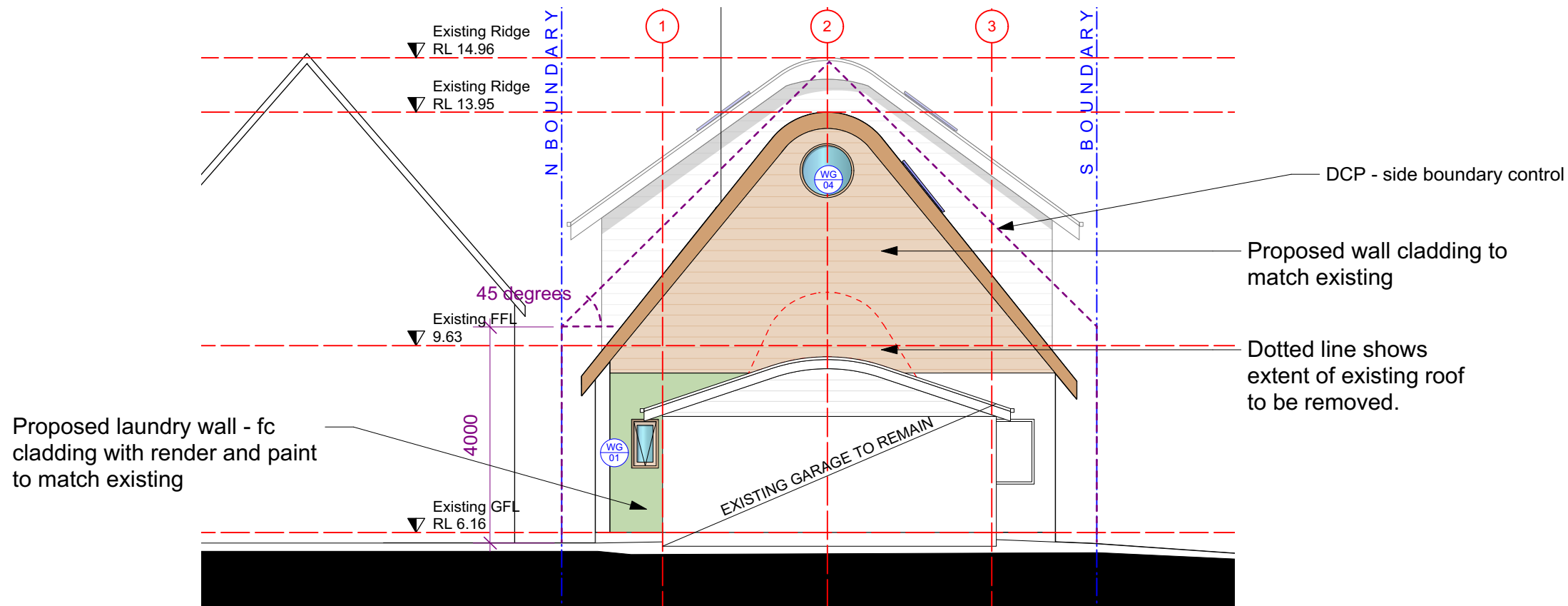
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**DRAWING NO**  
464/ 101

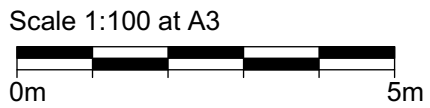
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2 South Elevation  
Scale: 1:100



1 West Elevation  
Scale: 1:100



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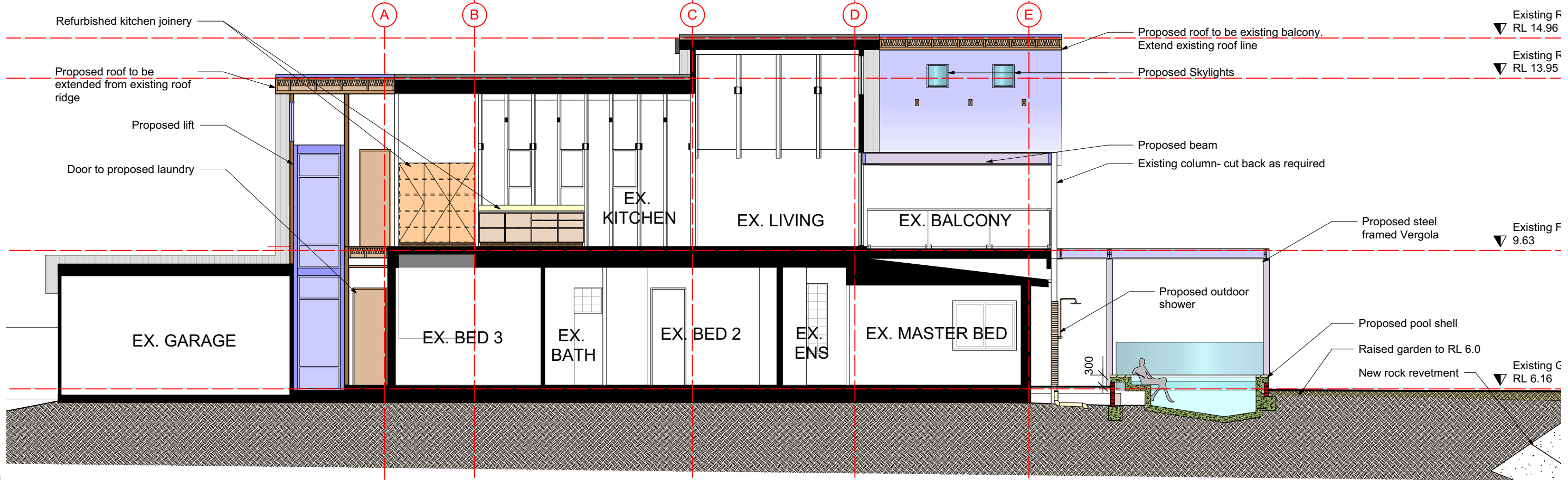
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Proposed South & West Elevations

**DRAWING SCALE**  
1:100 @A3

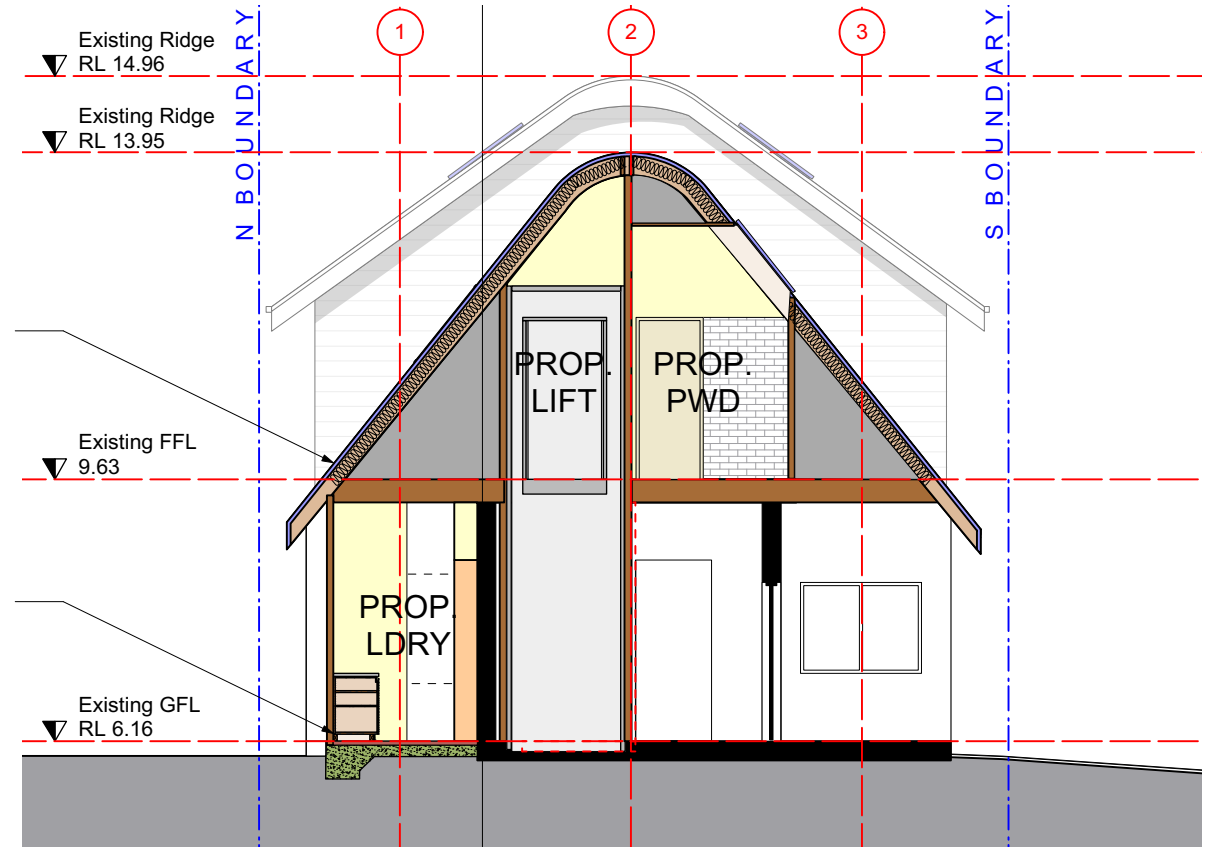
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PRELIMINARY



2 Section B  
Scale: 1:100



1 Section A  
Scale: 1:100



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**DRAWING TITLE**  
Proposed Sections A & B

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**DRAWING SCALE**  
1:100 @A3

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