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private residence

21 wattle ave, fairlight

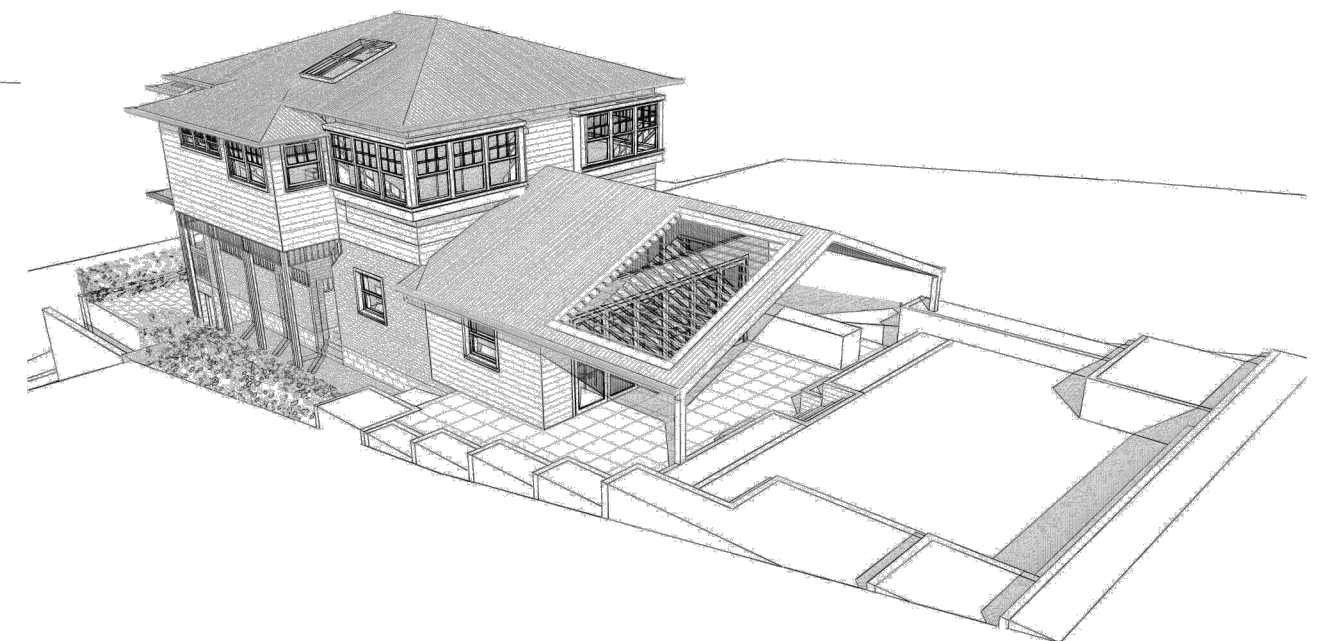
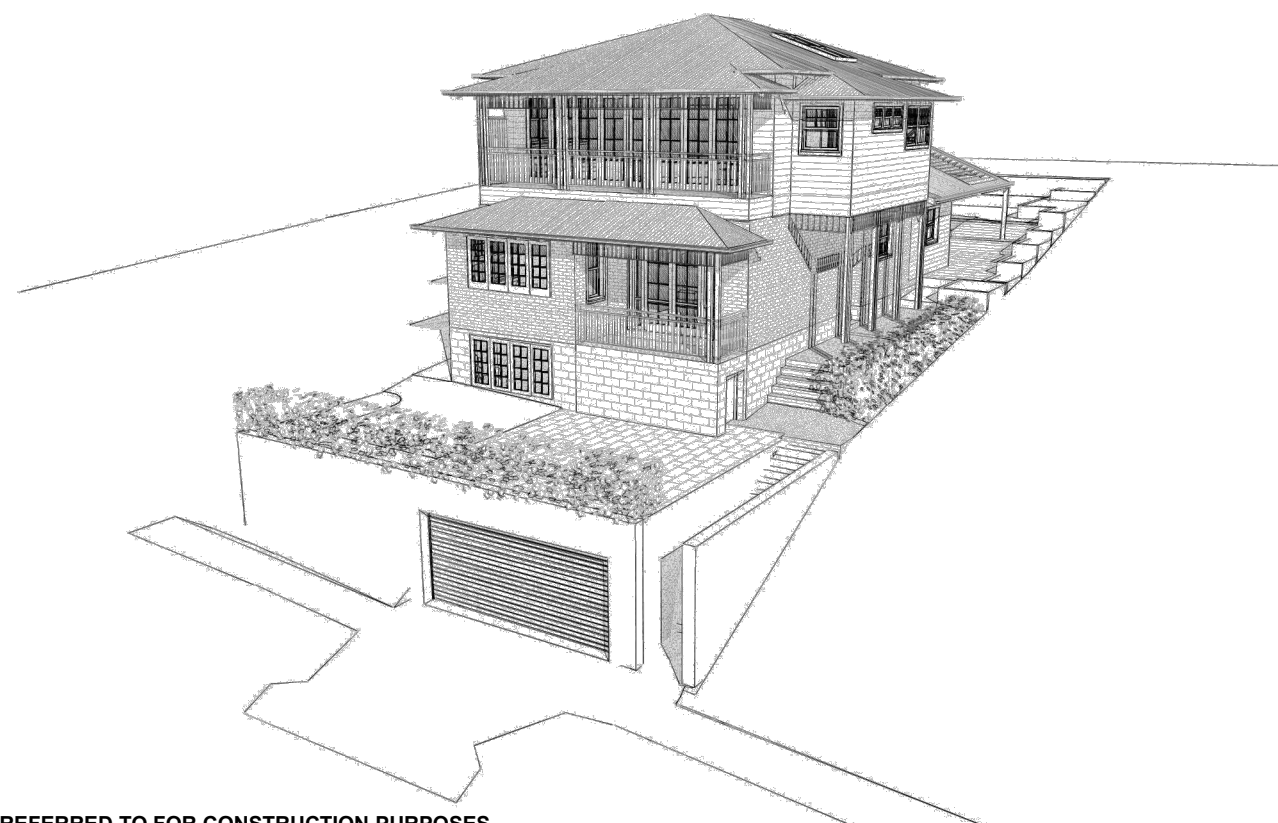
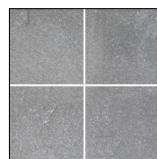
additions and alterations
clause 4.55 modification

architectural perspectives

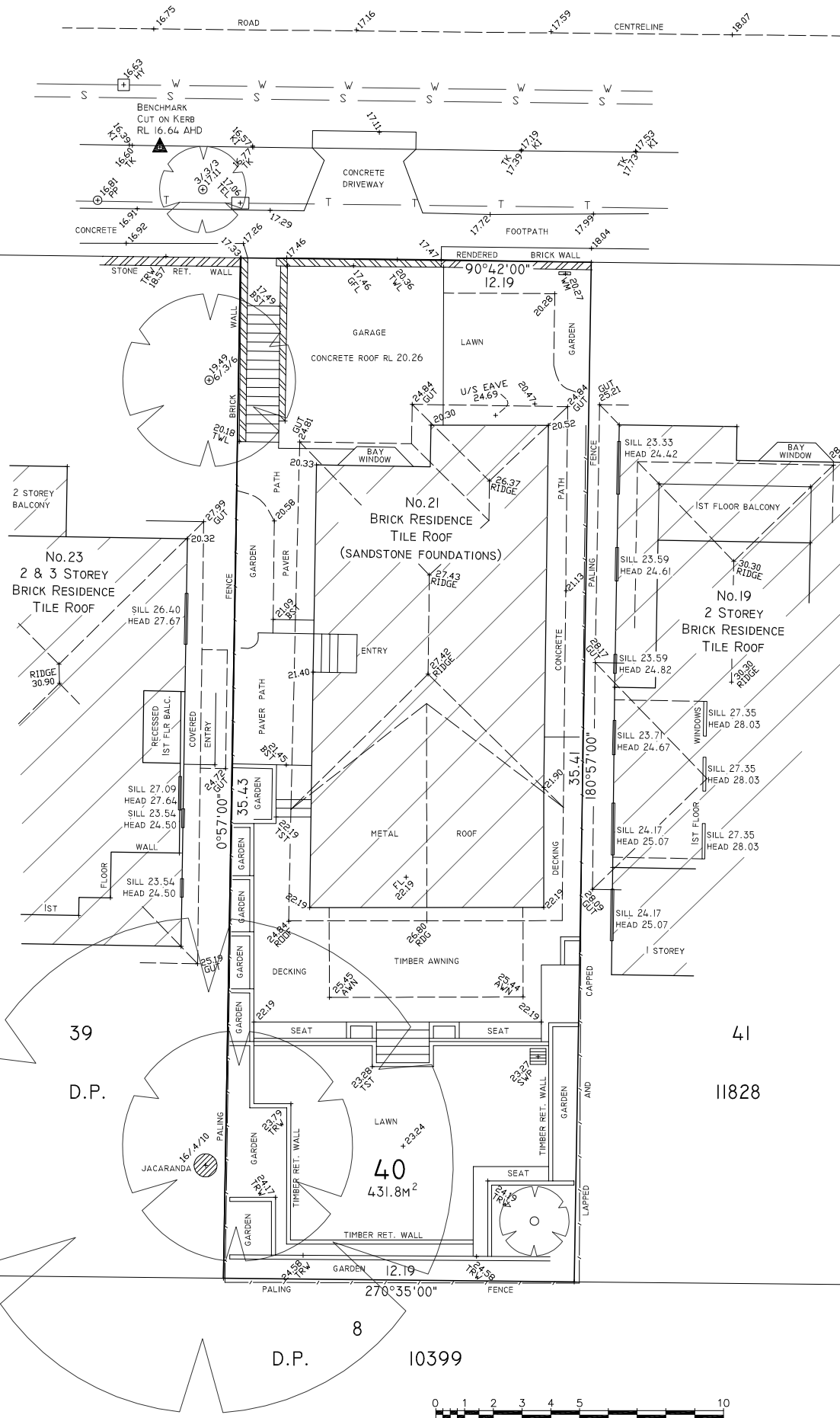
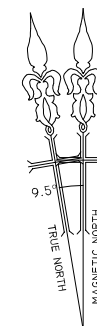
ROOF
COLORBOND
BASALT GREY
or similar



PAVING
TILES
or similar



WATTLE AVENUE



LEGEND

- BRW - BASE OF RETAINING WALL
- TRW - TOP OF RETAINING WALL
- BST - BASE OF STAIR
- TST - TOP OF STAIR
- FL - FLOOR LEVEL
- GUT - TOP OF GUTTER
- KI - KERB INVERT
- HYD - HYDRANT
- PP - POWER POLE
- TEL - TELSTRA PIT
- TK - TOP OF KERB
- TWL - TOP OF WALL
- U/S EAVE - UNDERSIDE OF EAVE
- WM - WATER METER
- 8/5/10 - TREE SPREAD/DIA/HEIGHT
- S - APPROXIMATE POSITION OF SYDNEY WATER SEWER 225mmØ PIPE
- W - APPROXIMATE POSITION OF WATER MAIN 100mmØ PIPE
- T - APPROXIMATE POSITION OF TELSTRA CABLES

NOTES:

- THESE NOTES ARE AN INTEGRAL PART OF THIS DRAWING WHICH ARE NOT TO BE REMOVED.
- LEVELS ARE ON THE AUSTRALIAN HEIGHT DATUM (A.H.D.).
- ORIGIN OF LEVELS PM 708 RL 14.35 AHD.
- BOUNDARIES NOT MARKED.
- AREAS AND DIMENSIONS HAVE BEEN COMPILED FROM PLANS MADE AVAILABLE AT THE LAND TITLES OFFICE AND ARE SUBJECT TO FINAL SURVEY.
- IF CONSTRUCTION IS PROPOSED IN PROXIMITY OF BOUNDARY IT IS RECOMMENDED THAT A FURTHER SURVEY BE REQUESTED FOR MARKING OF RELEVANT BOUNDARY OR COMPLIANCE SETBACK LINE.
- TREE TRUNKS, SPREADS AND HEIGHTS ARE DIAGRAMMATIC ONLY.
- UNDERGROUND SERVICES LOCATIONS HAVE BEEN OBTAINED FROM DIAL BEFORE YOU DIG (DBYD) SEARCHING FACILITY AND SHOW THE EXISTENCE OF SERVICES ONLY. SERVICES SHOWN ARE BASED ON SURFACE INDICATORS EVIDENT AT THE DATE OF SURVEY DURING FIELD SURVEY AND CHARTED AS A GUIDE TO THE POSITION AND NATURE OF THE SERVICE. IF POSITION AND DEPTH OF A SERVICE IS CRITICAL TO DESIGN OR CONSTRUCTION THE SERVICE MUST BE EXPOSED BY "POTHOLING" CARRIED OUT BY A PERSON ACCREDITED BY THE RELEVANT SERVICE PROVIDER.
- BEFORE ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE, THE RELEVANT PERSON SHOULD MAKE AN INDEPENDENT AND UPDATED INQUIRY OF 'DIAL BEFORE YOU DIG' (PH.1100) AND ANY RELEVANT SERVICE PROVIDORS ASCERTAIN THE EXISTANCE OF FURTHER SERVICES (IF ANY) AND THE ACCURATE LOCATION OF THOSE NOT ABLE TO HAVE BEEN SURVEYED AT THE TIME OF PREPARING THIS PLAN (OR DATA).
- NO RESPONSIBILITY CAN BE ACCEPTED BY BASE SURVEYING FOR ANY DAMAGE CAUSED TO ANY UNDERGROUND SERVICE OR ANY LOSS OR INJURY SO SUFFERED IF ENQUIRY AND VERIFICATION HAVE NOT BEEN COMPLETED IN ACCORDANCE WITH THIS NOTE.
- COVENANT B404979 NOT INVESTIGATED

PROPOSED

POS

PRIVATE OPEN SPACE (EXISTING)

ED

EXISTING DWELLING

MS

MATERIAL STOCKPILE

EXISTING LEVELS

CAR ENTRY POINT

GARAGE ENTRY POINT

BOUNDARY

WM

WASTE MANAGEMENT

LEGEND

A. New Vergola Roof

B. Replace tiled roof with Colorbond

C. New BBQ

The site analysis plan shows a property bounded by Wattle Avenue to the east and a fence to the south. The plan includes a detailed layout of the existing dwelling (ED) and proposed additions (A, B, C). A large Private Open Space (POS) area is shown to the west of the dwelling. The plan also includes a waste management area (WM) and a material stockpile (MS). A compass rose indicates the orientation, with a note for 'true north' and 'magnetic north'. A scale bar is provided at the bottom left. The plan is titled 'Site Analysis Plan 1:200'.

Site Analysis Plan
1:200

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DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS ON SITE.
FIGURED DIMENSIONS TAKE PRECEDENCE.
The builder shall check and verify all dimensions and verify all errors and omissions to the Architect. Do not scale the drawings.
Drawings shall not be used for construction purposes until issued by the Architect for construction.

| REV | DATE | DESCRIPTION |
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| | | |

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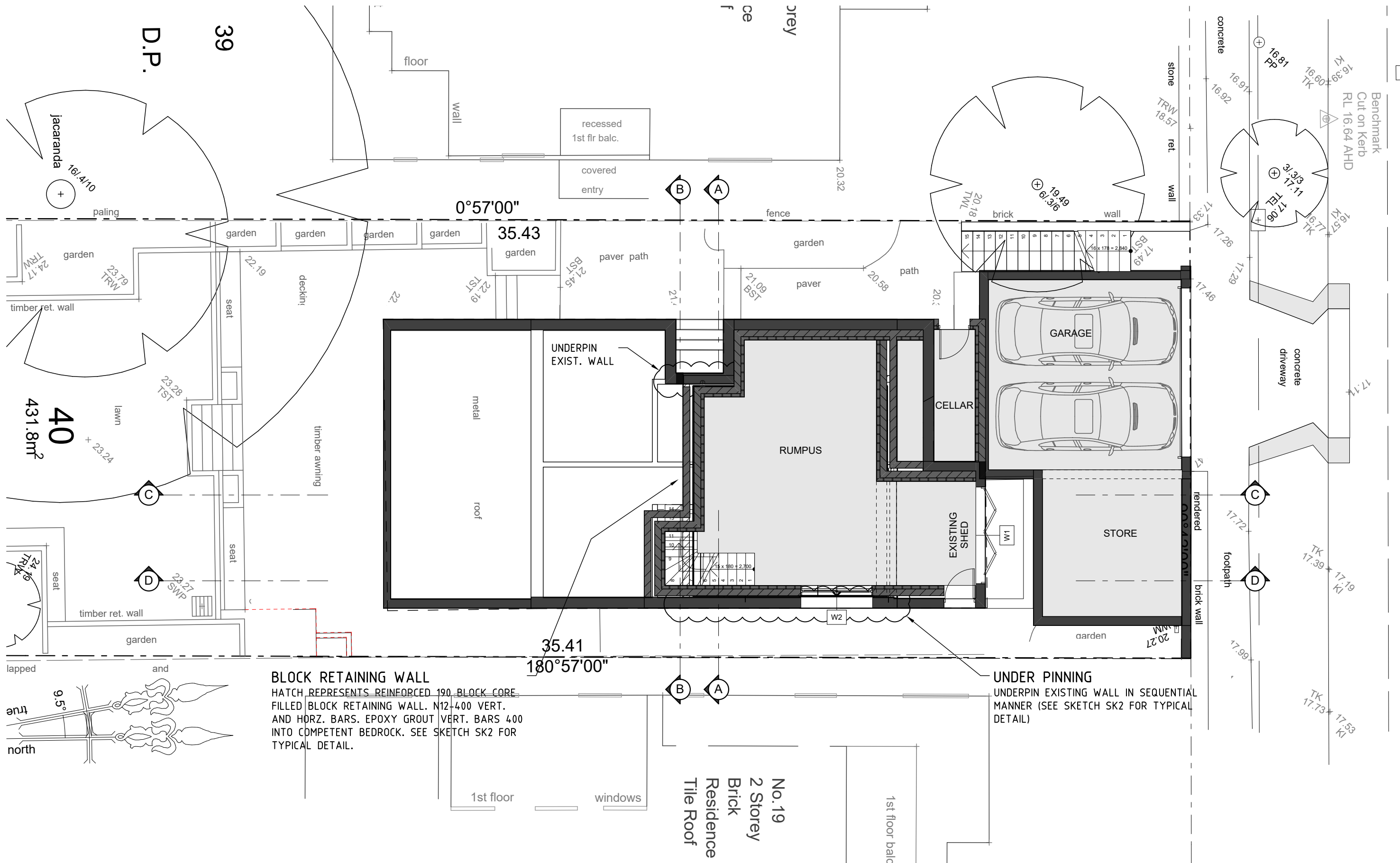
PROJECT: 21 Wattle Avenue, Fairlight,
2094, NSW
Alterations & Additions
LOT 40 in DP 11828 - 431.8m2

CLIENT:
Private

CLAUSE 4.55
Demolition

| | | |
|------------------------|----------------------------|-------------------------|
| STATUS: Clause 4.55 | | |
| DATE: 210222 | SCALE: 1:200@A3 | PROJECT NUMBER: 1712 |
| STAGE: Clause 4.55 | DRAWN/DESIGNED: PB / MP | ISSUE: |
| DRAWING NO: C4.55-3 | | |

WATTLE AVENUE



BLOCK RETAINING WALL
HATCH REPRESENTS REINFORCED 190 BLOCK CORE FILLED BLOCK RETAINING WALL. N12-400 VERT. AND HORZ. BARS. EPOXY GROUT VERT. BARS 400 INTO COMPETENT BEDROCK. SEE SKETCH SK2 FOR TYPICAL DETAIL.

UNDER PINNING
UNDERPIN EXISTING WALL IN SEQUENTIAL MANNER (SEE SKETCH SK2 FOR TYPICAL DETAIL)

Lower Floor Plan
1:100

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| | | |
|--|------|-------------|
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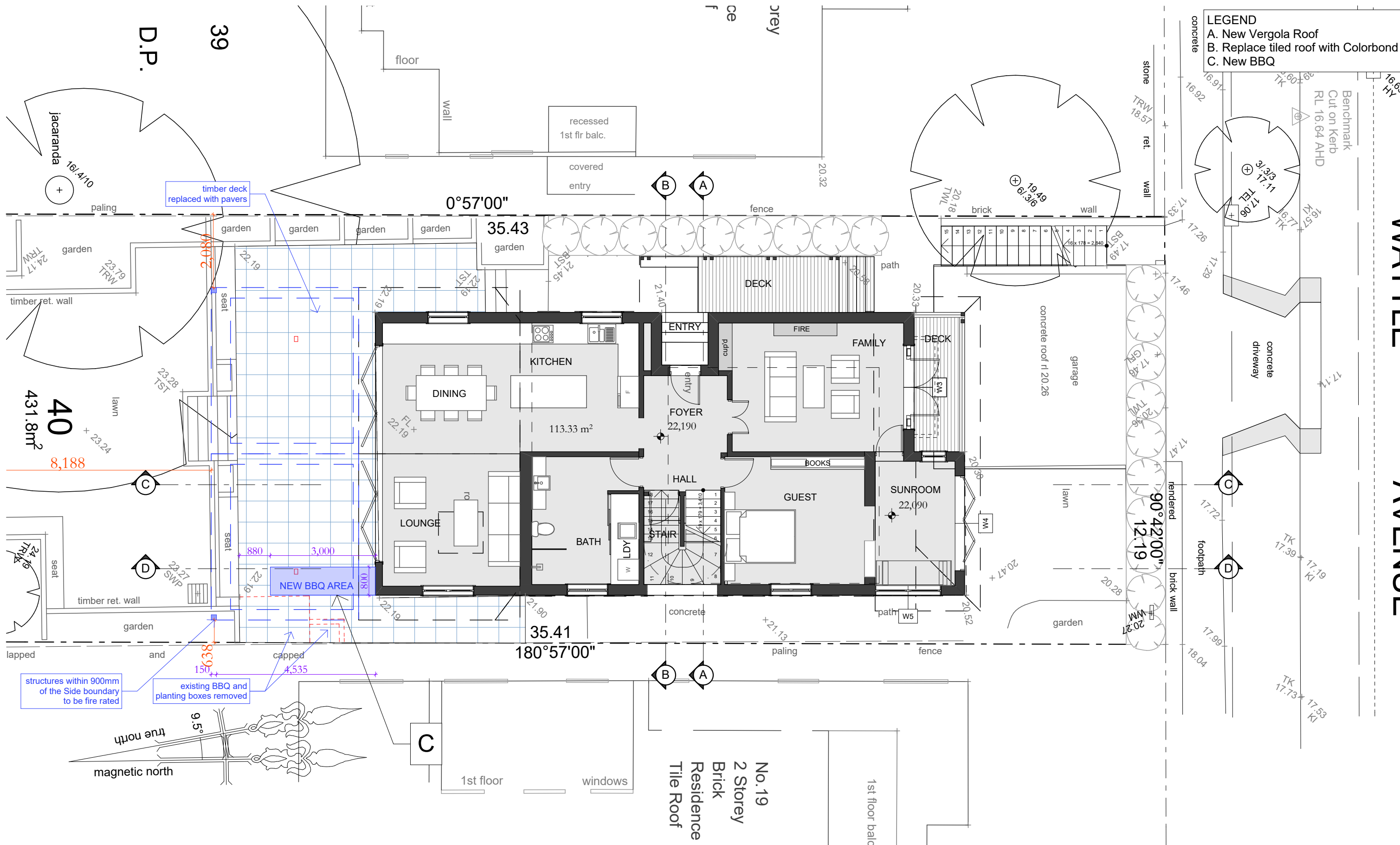
PROJECT: 21 Wattle Avenue, Fairlight, 2094, NSW
Alterations & Additions
LOT 40 in DP 11828 - 431.8m2

CLIENT: Private

- CLAUSE 4.55
 - Demolition

| | | |
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| STATUS: Clause 4.55 | | |
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| STAGE: Clause 4.55 | DRAWN/DESIGNED: PB / MP | ISSUE: |
| DRAWING NO: C4.55-4 | | |

WATTLE AVENUE



LEGEND
A. New Vergola Roof
B. Replace tiled roof with Colorbond
C. New BBQ

Ground Floor Plan
1:100

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| REV | DATE | DESCRIPTION |
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| | | |

No.19
2 Storey
Brick
Residence
Tile Roof

PROJECT: 21 Wattle Avenue, Fairlight, 2094, NSW
Alterations & Additions
LOT 40 in DP 11828 - 431.8m2

CLIENT: Private

- CLAUSE 4.55

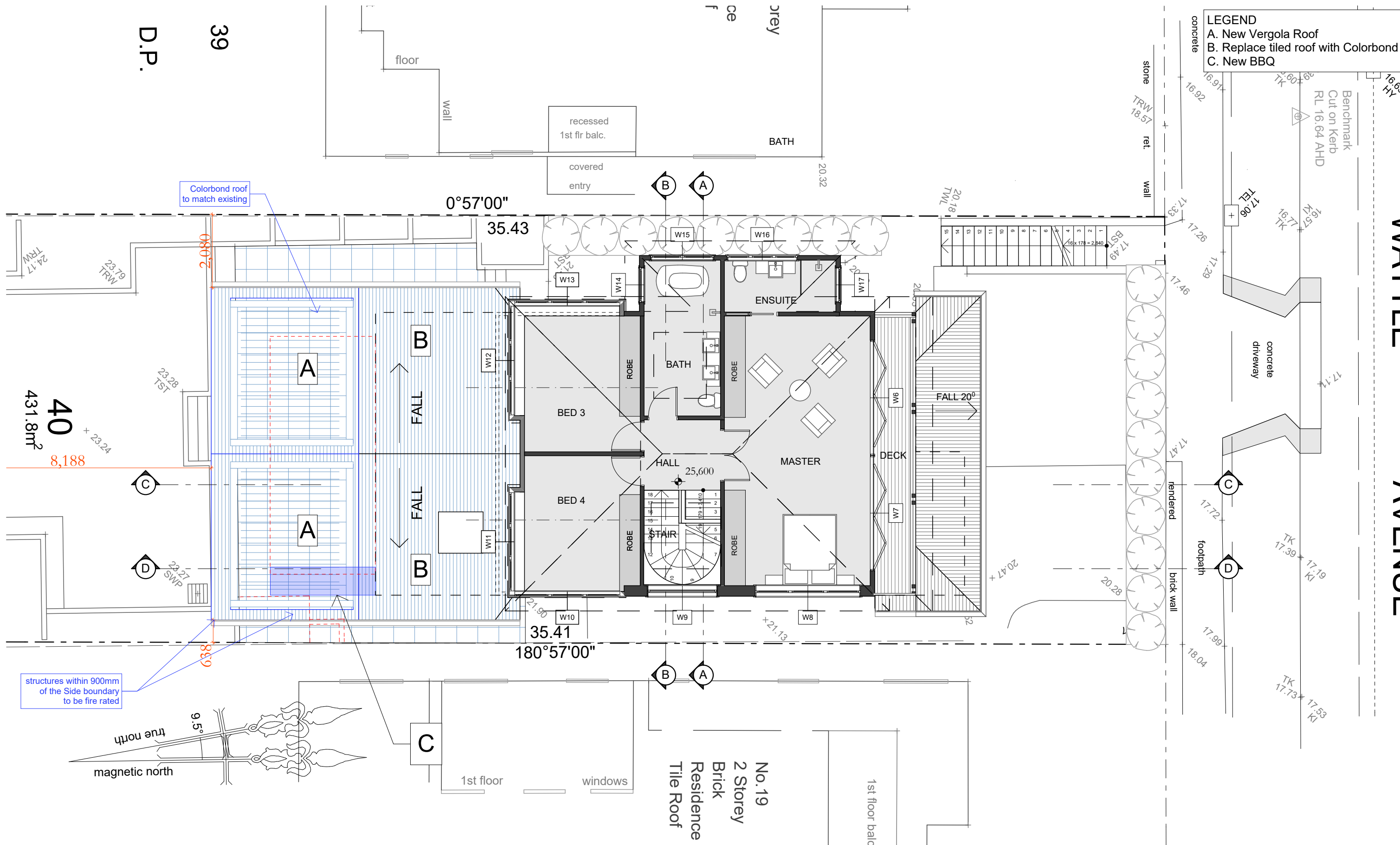
- Demolition

STATUS: Clause 4.55

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| DATE: 210222 | SCALE: 1:100@A3 | PROJECT NUMBER: 1712 |
| STAGE: Clause 4.55 | DRAWN/DESIGNED: PB / MP | ISSUE: |

DRAWING NO: C4.55-5

WATTLE AVENUE



First Floor Plan
1:100



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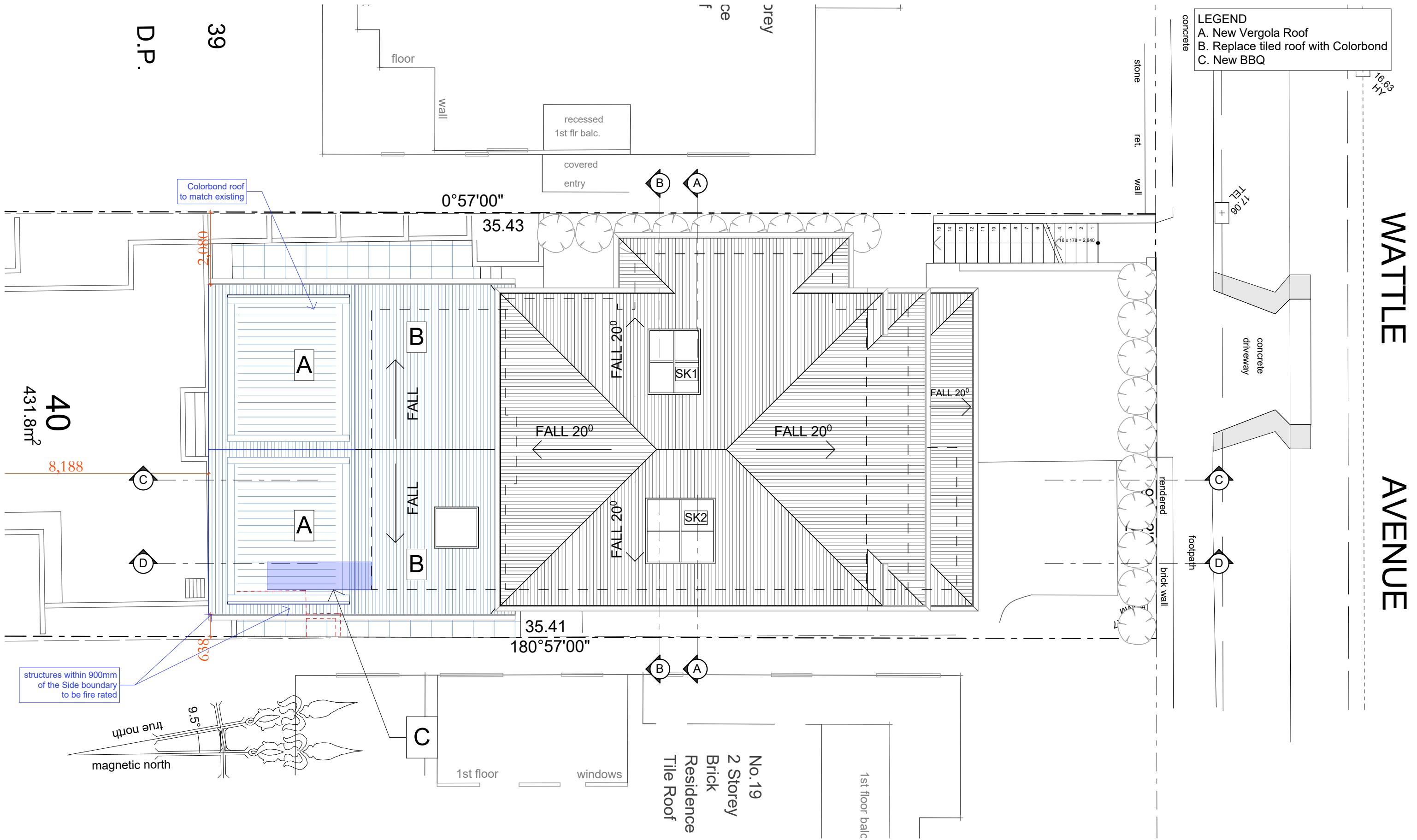
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Alterations & Additions
LOT 40 in DP 11828 - 431.8m2

CLIENT: Private

| | |
|---|--|
|  - CLAUSE 4.55 |  = Demolition |
| | |

| | | |
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| STATUS: Clause 4.55 | | PROJECT NUMBER: 1712 |
| DATE: 210222 | SCALE: 1:100@A3 | |
| STAGE: Clause 4.55 | | ISSUE: |
| DRAWN/DESIGNED: PB / MP | | |
| DRAWING NO: C4.55-6 | | |



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LOT 40 in DP 11828 - 431.8m2

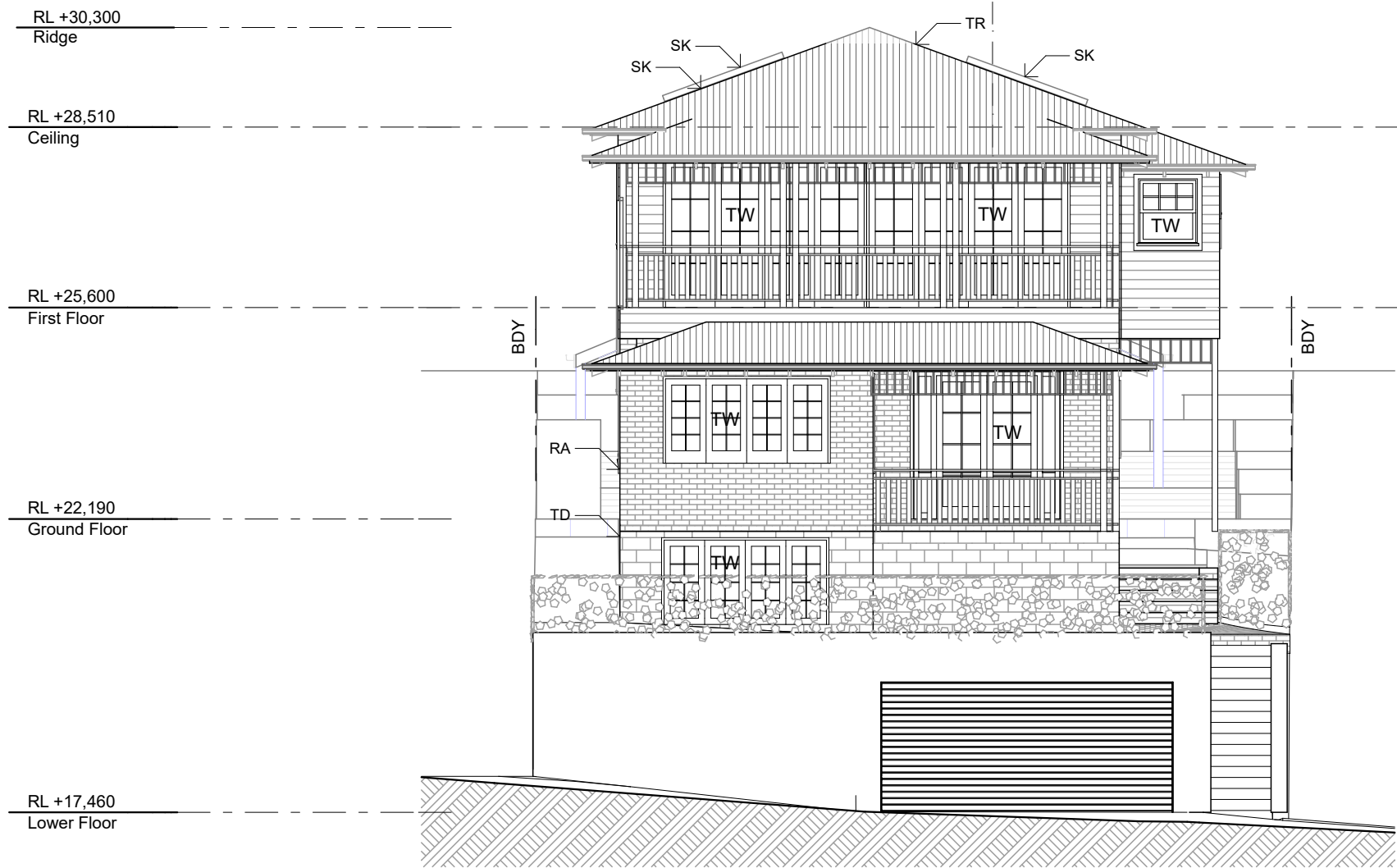
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Private

- CLAUSE 4.55

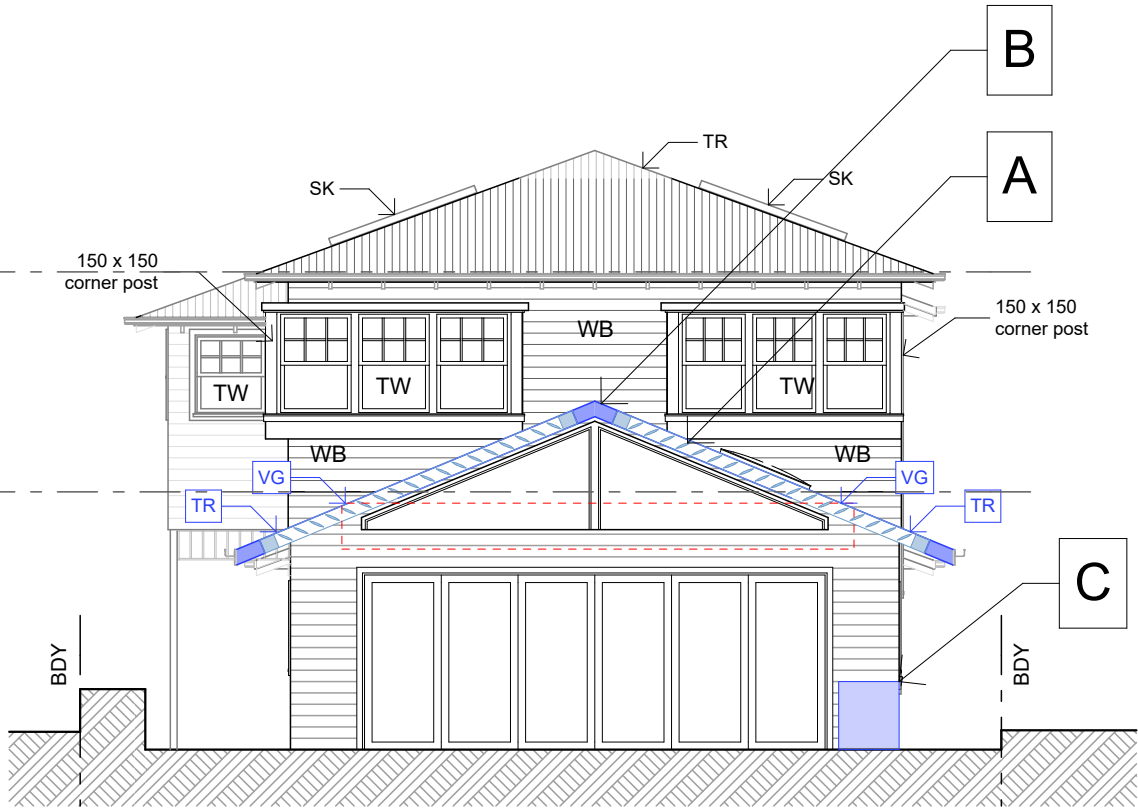
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| STAGE: Clause 4.55 | DRAWN/DESIGNED: PB / MP | ISSUE: |
| DRAWING NO: C4.55-7 | | |

LEGEND
A. New Vergola Roof
B. Replace tiled roof with Colorbond
C. New BBQ



North Elevation
1:100



South Elevation
1:100

LEGEND

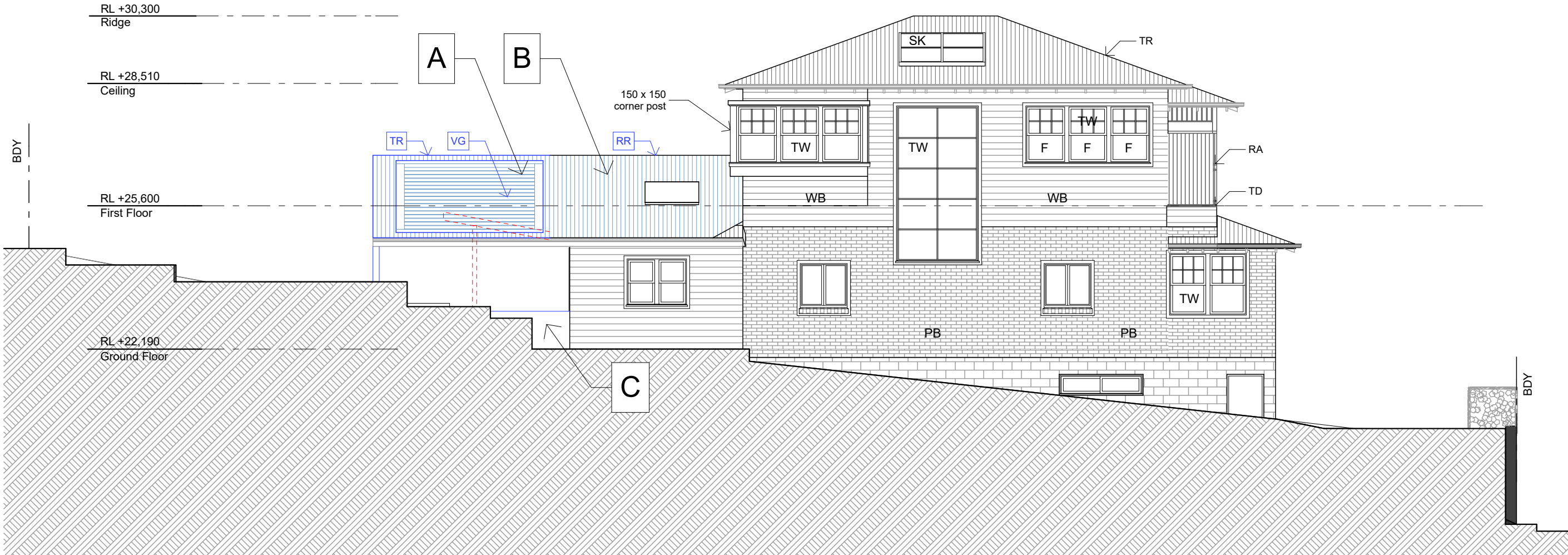
- TR timber framed roof with Colorbond cladding
WB timber framed wall with weatherboard cladding
PB painted brick wall
TW timber window
TD timber framed deck to engineers details
SK skylight
RA rail to BCA
VG vergola
RR reclad roof to match existing Colorbond roof



LEGEND
A. New Vergola Roof
B. Replace tiled roof with Colorbond
C. New BBQ

LEGEND

TR timber framed roof with Colorbond cladding
WB timber framed wall with weatherboard cladding
PB painted brick wall
TW timber window
TD timber framed deck to engineers details
SK skylight
RA rail to BCA
VG vergola
RR reclad roof to match existing Colorbond roof



East Elevation
1:100

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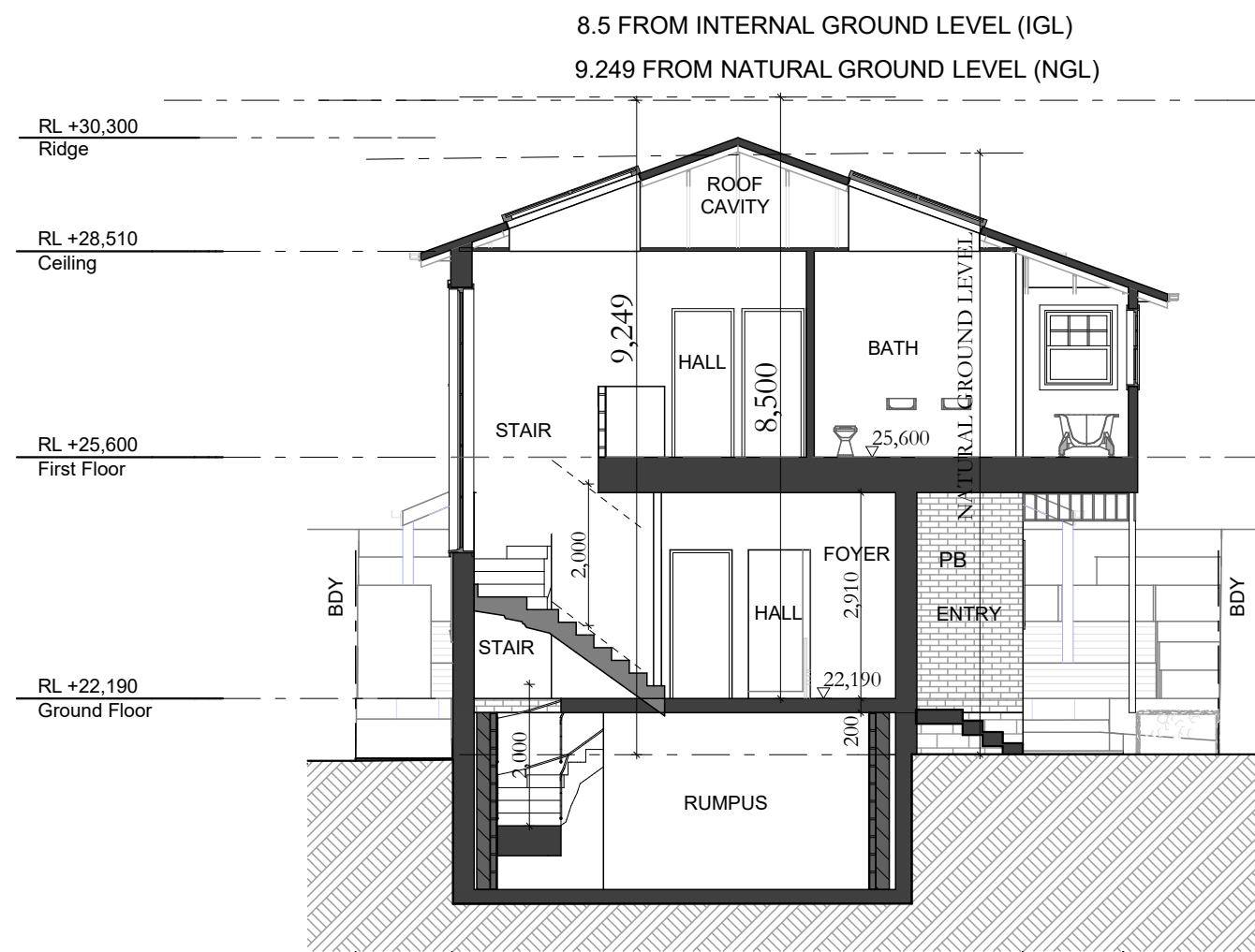
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Alterations & Additions
LOT 40 in DP 11828 - 431.8m2

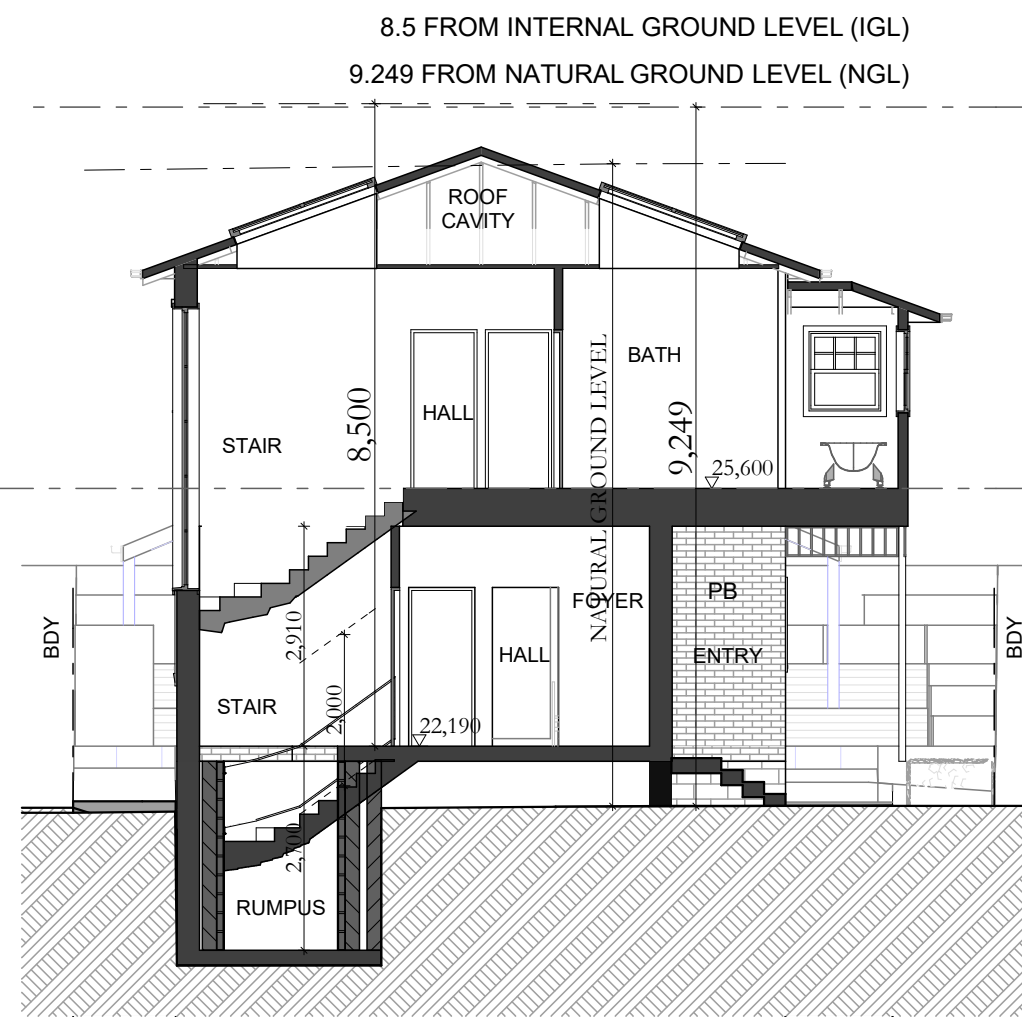
CLIENT:
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 - CLAUSE 4.55
 = Demolition

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| STATUS: Clause 4.55 | | |
| DATE: 210222 | SCALE: 1:100@A3 | PROJECT NUMBER: 1712 |
| STAGE: Clause 4.55 | DRAWN/DESIGNED: PB / MP | ISSUE: |
| DRAWING NO: C4.55-9 | | |



Section A-A
1:100



Section B-B
1:100



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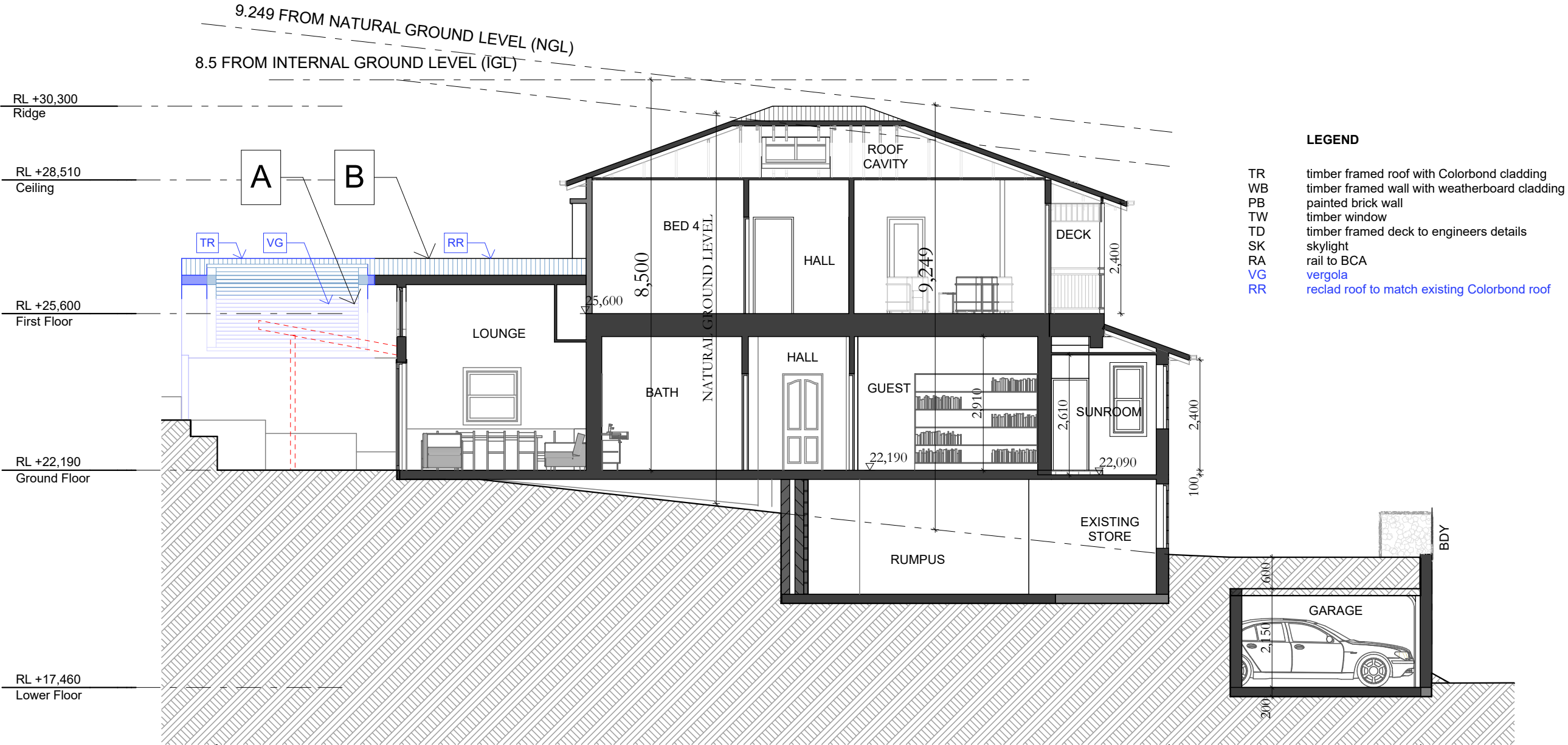
PROJECT: 21 Wattle Avenue, Fairlight,
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LOT 40 in DP 11828 - 431.8m2

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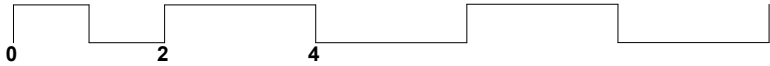
■ - CLAUSE 4.55
■ - Demolition

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| STATUS: Clause 4.55 | | |
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| STAGE: Clause 4.55 | DRAWN/DESIGNED: PB / MP | ISSUE: |
| DRAWING NO: C4.55-11 | | |

LEGEND
A. New Vergola Roof
B. Replace tiled roof with Colorbond
C. New BBQ



Section C-C
1:100



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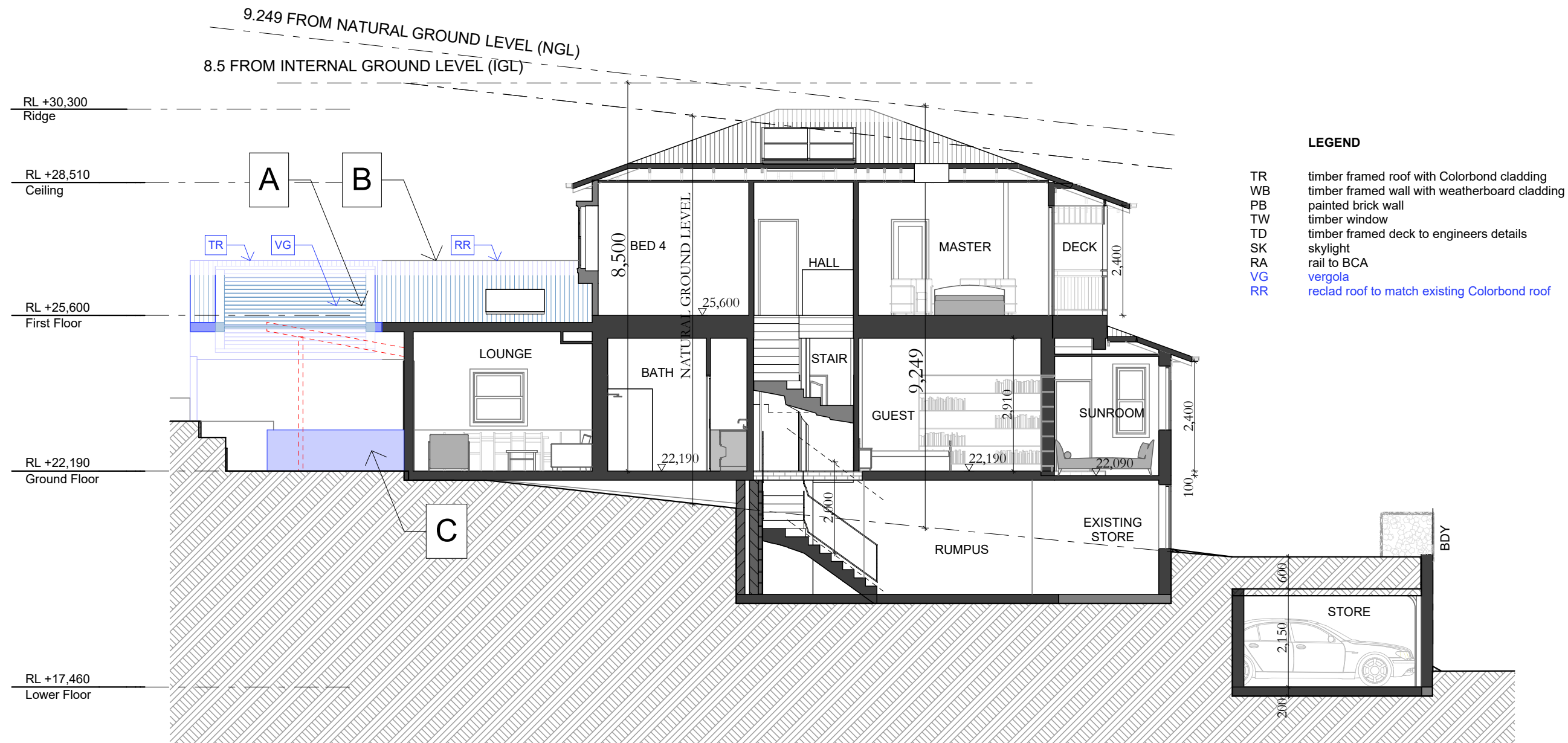
PROJECT: 21 Wattle Avenue, Fairlight,
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Alterations & Additions
LOT 40 in DP 11828 - 431.8m2

CLIENT:
Private

 - CLAUSE 4.55
 - Demolition

| | | |
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| STATUS: Clause 4.55 | | |
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| STAGE: Clause 4.55 | DRAWN/DESIGNED: PB / MP | ISSUE: |
| DRAWING NO: C4.55-12 | | |

LEGEND
A. New Vergola Roof
B. Replace tiled roof with Colorbond
C. New BBQ



Section D-D
1:100



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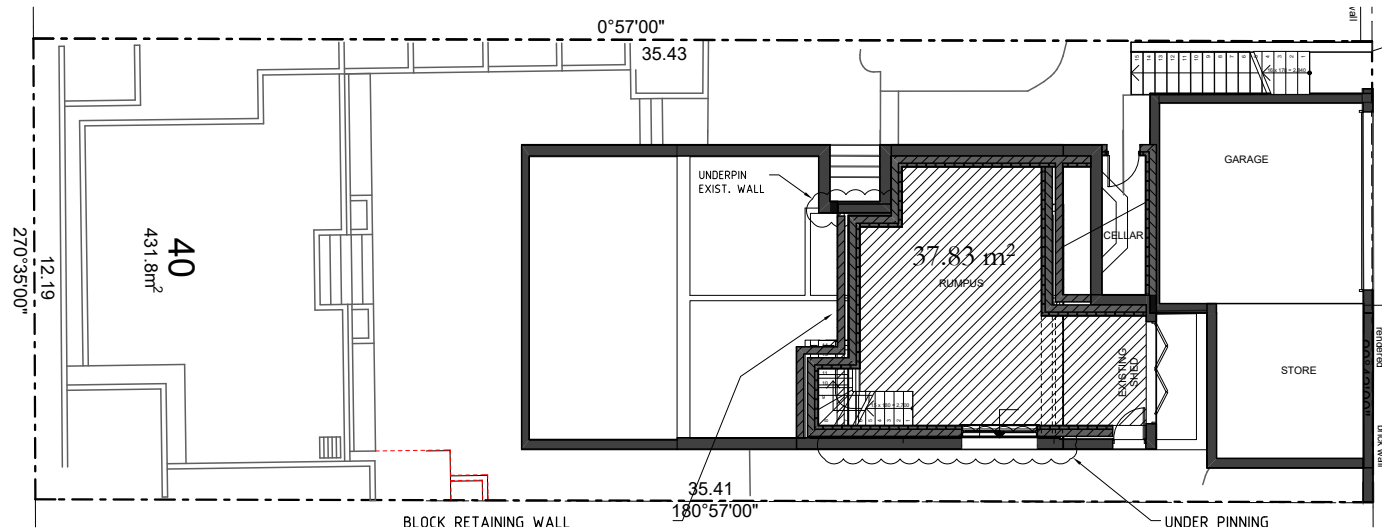
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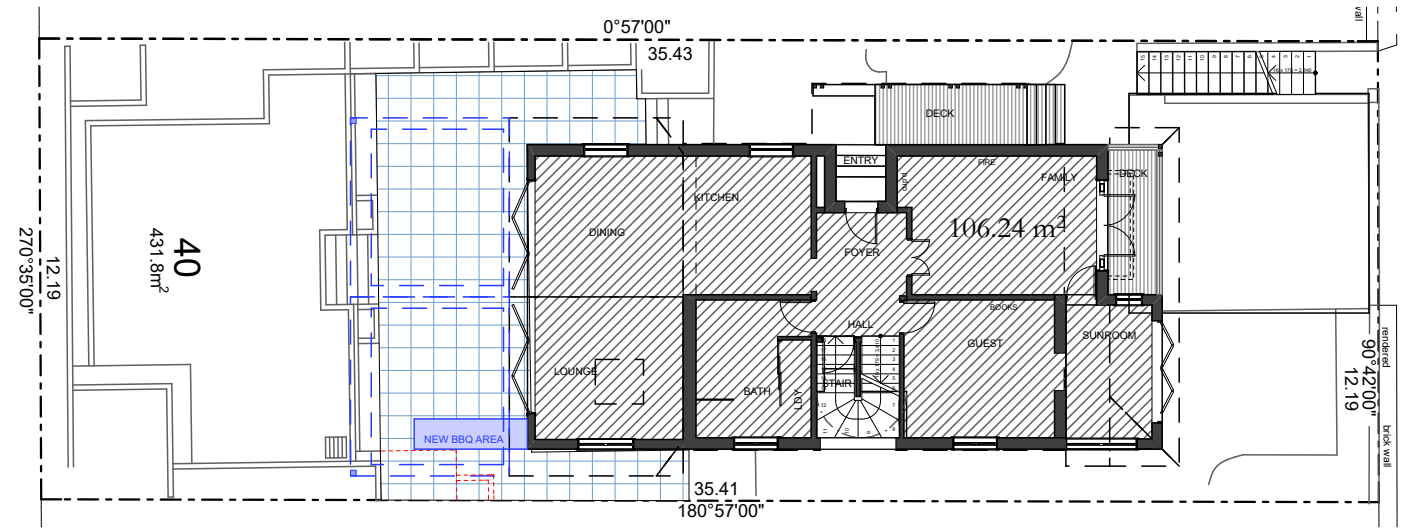
CLIENT:
Private

 - CLAUSE 4.55
 - Demolition

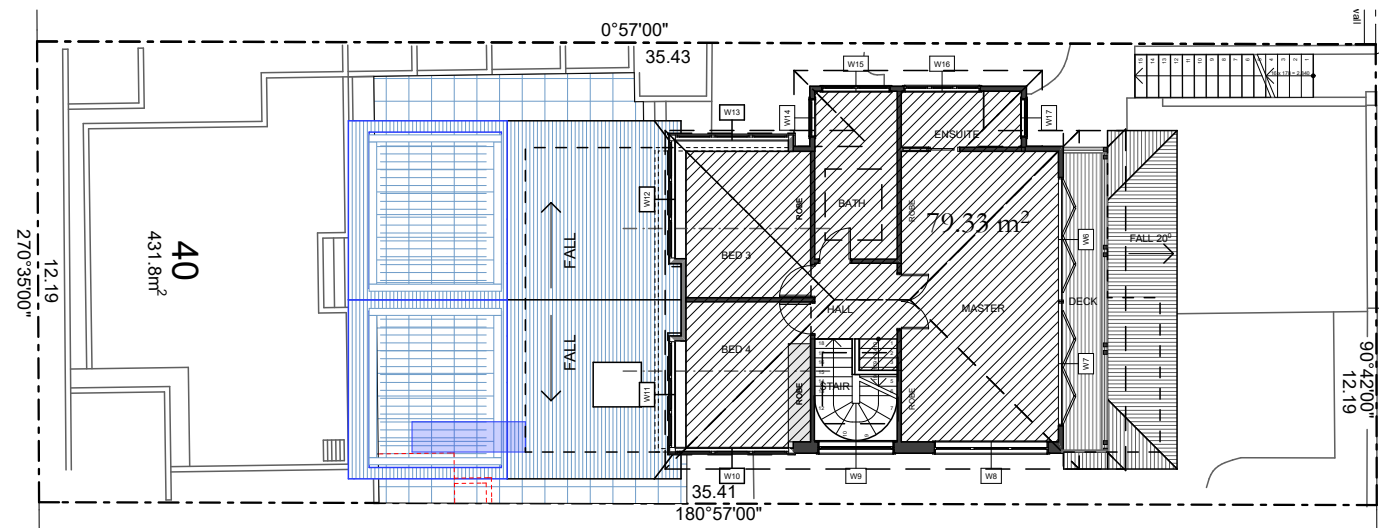
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| STATUS: Clause 4.55 | | |
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| STAGE: Clause 4.55 | DRAWN/DESIGNED: PB / MP | ISSUE: |
| DRAWING NO: C4.55-13 | | |



Lower Floor Area Plan
1:200



Ground Floor Area Plan
1:200



First Floor Area Plan
1:200

SITE AREA = 431.8m²

FLOOR SPACE RATIO MAX.60% SITE AREA = 259.08m²

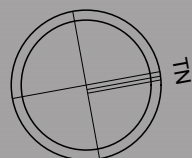
| | | |
|--|-------------------|------------------------|
| | LOWER FLOOR AREA | = 37.83m ² |
| | GROUND FLOOR AREA | = 106.24m ² |
| | FIRST FLOOR AREA | = 79.33m ² |

TOTAL FLOOR AREA COMPLIES = 223.4m²

NO CHANGE
TO FLOOR AREA



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Alterations & Additions
LOT 40 in DP 11828 - 431.8m2





CLIENT:
Private

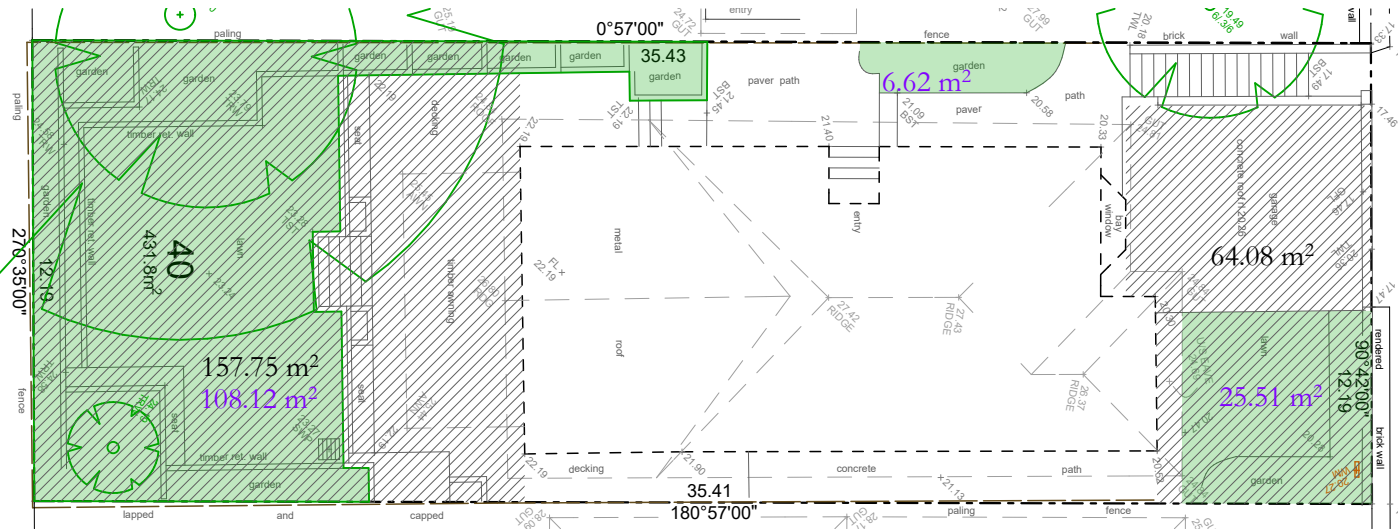
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| DRAWING NO: C4.55-14 | | |

EXISTING OPEN SPACE & LANDSCAPING

SITE AREA = 431.8m²






| | | |
|--|---------------------------------------|------------|
|  | OPEN SPACE AREA MIN.55% SITE AREA | = 237.49m² |
|  | LANDSCAPED AREA MIN.35% of Open Space | = 83.12m² |
|  | OPEN SPACE AREA | = 221.83m² |
|  | LANDSCAPED AREA | = 140.25m² |



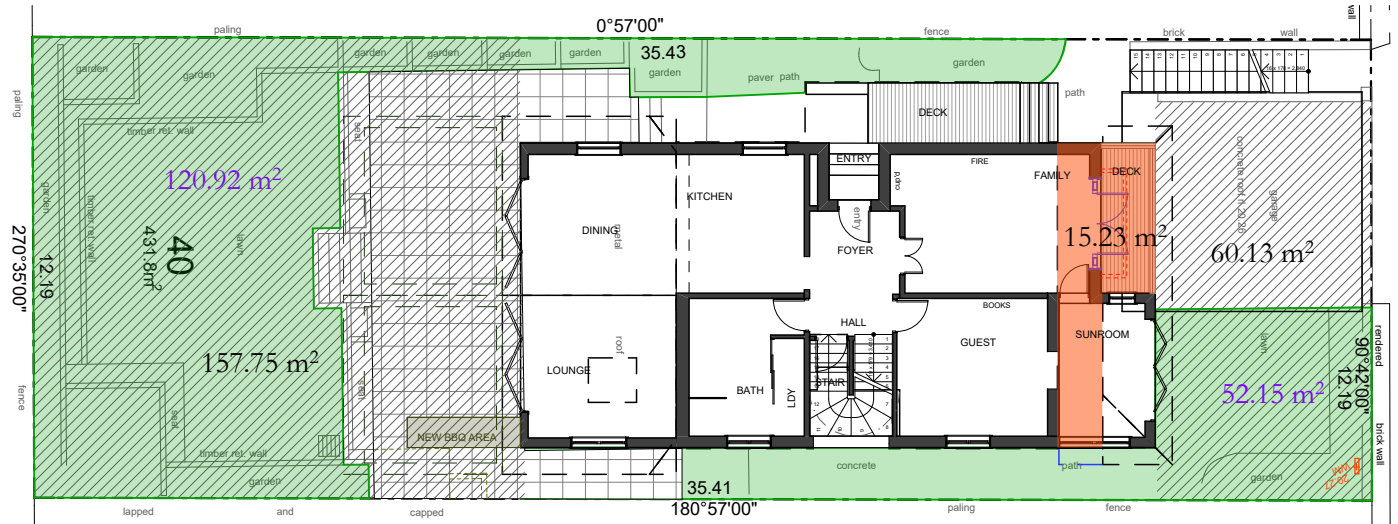
Landscaping Open Space Existing
1:200

PROPOSED OPEN SPACE & LANDSCAPING

SITE AREA = 431.8m²

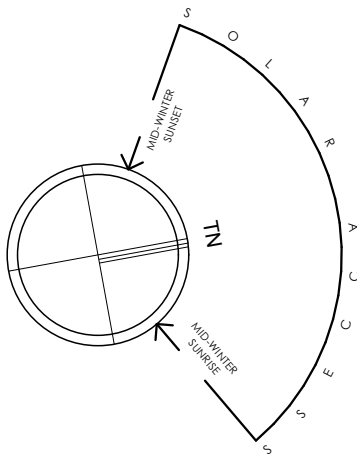
| | | |
|--|---------------------------------------|------------|
|  | OPEN SPACE AREA MIN.55% SITE AREA | = 237.49m² |
|  | LANDSCAPED AREA MIN.35% of Open Space | = 83.12m² |
|  | OPEN SPACE GROUND AREA | = 217.88m² |
|  | OPEN SPACE ABOVE GROUND AREA | = 15.23m² |
|  | LANDSCAPED AREA | = 173.07m² |

TOTAL SITE IMPERVIOUS
= 59%



Landscaping Open Space Proposed
1:200



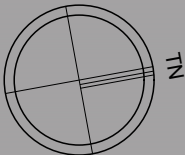


Existing shadow

Proposed shadow

Clause 4.55

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LOT 40 in DP 11828 - 431.8m2

CLIENT:
Private

■ = CLAUSE 4.55
■ = Demolition

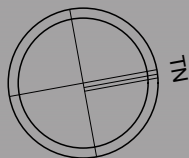
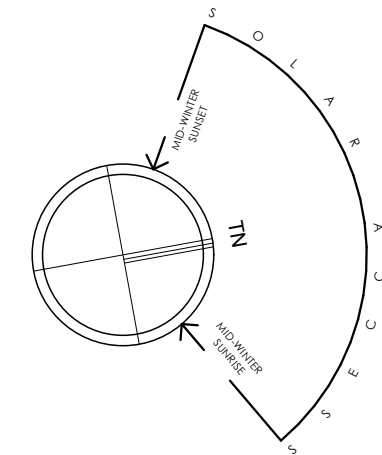
| | | |
|-------------------------|----------------------------|-------------------------|
| STATUS: Clause 4.55 | | |
| DATE: 210222 | SCALE: 1:200@A3 | PROJECT NUMBER: 1712 |
| STAGE: Clause 4.55 | DRAWN/DESIGNED: PB / MP | ISSUE: |
| DRAWING NO: C4.55-16 | | |

Existing shadow

Proposed shadow

Clause 4.55

Solar June 21 12pm
1:200



sketchArc

DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS ON SITE.
FIGURED DIMENSIONS TAKE PRECEDENCE.
The builder shall check and verify all dimensions and verify all errors and omissions to the Architect. Do not scale the drawings.
Drawings shall not be used for construction purposes until issued by the Architect for construction.

| REV | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |

sketchArc
Po Box 377 Manly 1655
m : 0422 521 871
e : power@sketcharc.com.au
w : www.sketcharc.com.au

PROJECT: 21 Wattle Avenue, Fairlight,
2094, NSW
Alterations & Additions
LOT 40 in DP 11828 - 431.8m2

CLIENT:
Private

■ - CLAUSE 4.55
■ = Demolition

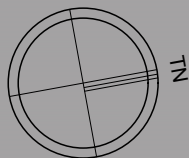
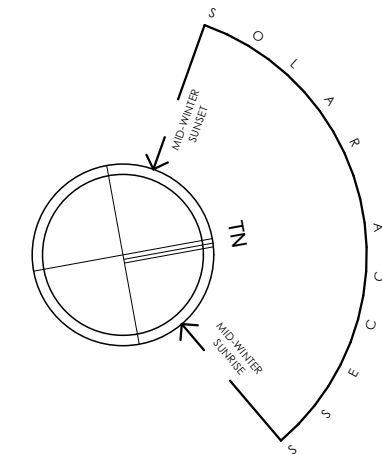
| | | |
|-------------------------|----------------------------|-------------------------|
| STATUS: Clause 4.55 | | |
| DATE: 210222 | SCALE: 1:200@A3 | PROJECT NUMBER: 1712 |
| STAGE: Clause 4.55 | DRAWN/DESIGNED: PB / MP | ISSUE: |
| DRAWING NO: C4.55-17 | | |

Existing shadow

Proposed shadow

Clause 4.55

Solar June 21 3pm
1:200



sketchArc

DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS ON SITE.
FIGURED DIMENSIONS TAKE PRECEDENCE.
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| REV | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |

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CLIENT:
Private

■ = CLAUSE 4.55
■ = Demolition

| | | |
|-------------------------|----------------------------|-------------------------|
| STATUS: Clause 4.55 | | |
| DATE: 210222 | SCALE: 1:200@A3 | PROJECT NUMBER: 1712 |
| STAGE: Clause 4.55 | DRAWN/DESIGNED: PB / MP | ISSUE: |
| DRAWING NO: C4.55-18 | | |

Alterations and Additions

Certificate number: A324632_06

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

This certificate is a revision of certificate number A324632_05 lodged with the consent authority or certifier on 08 Oct 2019 with application DA2019/1108.

It is the responsibility of the applicant to verify with the consent authority that the original, or any revised certificate, complies with the requirements of Sch 1 Cl 2A, 4A or 6A of the Environmental Planning and Assessment Regulation 2000

Description of project

| Project address | |
|---------------------------------|---|
| Project name | 21 Wattle Ave - DA_06 |
| Street address | 21 Wattle Avenue Fairlight 2094 |
| Local Government Area | Manly Council |
| Plan type and number | Deposited Plan 11828 |
| Lot number | 40 |
| Section number | |
| Project type | |
| Dwelling type | Separate dwelling house |
| Type of alteration and addition | My renovation works valued at \$50,000 or more, and does not include a pool (and/or spa). |

NO CHANGE TO BASIX

| Fixtures and systems | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier 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. | | | ✓ | ✓ |
| 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. | | | ✓ | ✓ |
| 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. | | | ✓ | |
| Construction | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
| Insulation requirements | | | | |
| 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 2m2, b) insulation specified is not required for parts of altered construction where insulation already exists. | | ✓ | ✓ | ✓ |
| Construction | Additional insulation required (R-value) | Other specifications | | |
| concrete slab on ground floor. | nil | | | |
| suspended floor with enclosed subfloor: framed (R0.7). | R0.60 (down) (or R1.30 including construction) | | | |
| floor above existing dwelling or building. | nil | | | |
| external wall: brick veneer | R1.16 (or R1.70 including construction) | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | |
| flat ceiling, pitched roof | ceiling: R1.95 (up), roof: foil backed blanket (55 mm) | medium (solar absorptance 0.475 - 0.70) | | |

| Legend |
|--|
| 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 "✓" 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 "✓" 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. |

Windows and glazed doors

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 improved frames, or pyrolytic low-e glass, or clear/air gap/clear glazing, or toned/air gap/clear glazing must 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. The description is provided for information only. Alternative systems with complying U-value and SHGC may be substituted.

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.

For projections described as a ratio, the ratio of the projection from the wall to the height above the window or glazed door sill must be at least that shown in the table below.

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.

Windows and glazed doors glazing requirements

| Window / door no. | Orientation | Area of glass inc. frame (m2) | Overshadowing | | Shading device | Frame and glass type |
|-------------------|-------------|-------------------------------|---------------|--------------|---|---|
| | | | Height (m) | Distance (m) | | |
| W2 | E | 1 | 0 | 0 | projection/height above sill ratio >=0.23 | improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46) |
| W3 | N | 5.7 | 0 | 0 | eave/verandah/pergola/balcony >=900 mm | improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75) |
| W4 | N | 3.7 | 0 | 0 | eave/verandah/pergola/balcony >=600 mm | improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46) |
| W5 | E | 2.8 | 0 | 0 | eave/verandah/pergola/balcony >=600 mm | improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46) |
| W6 | N | 7.8 | 0 | 0 | eave/verandah/pergola/balcony >=900 mm | improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75) |
| W7 | N | 7.8 | 0 | 0 | eave/verandah/pergola/balcony >=900 mm | improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75) |
| W8 | E | 4.2 | 0 | 0 | eave/verandah/pergola/balcony >=600 mm | improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46) |
| W9 | E | 7.5 | 0 | 0 | eave/verandah/pergola/balcony >=600 mm | improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46) |
| W10 | E | 4.2 | 0 | 0 | projection/height above sill ratio >=0.23 | improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46) |
| W11 | S | 4.3 | 0 | 0 | none | improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75) |
| W12 | S | 4.3 | 0 | 0 | none | improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75) |
| W13 | W | 4.2 | 0 | 0 | projection/height above sill ratio >=0.29 | improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46) |
| W14 | S | 1.1 | 0 | 0 | eave/verandah/pergola/balcony >=600 mm | improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75) |
| W15 | W | 1.9 | 0 | 0 | eave/verandah/pergola/balcony >=600 mm | improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46) |
| W16 | W | 1.2 | 0 | 0 | eave/verandah/pergola/balcony >=600 mm | improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46) |
| W17 | N | 1.1 | 0 | 0 | eave/verandah/pergola/balcony >=600 mm | improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46) |

Skylights

The applicant must install the skylights in accordance with the specifications listed in the table below.

The following requirements must also be satisfied in relation to each skylight:

Each skylight 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.

External awnings and louvres must fully shade the skylight above which they are situated when fully drawn or closed.

Skylights glazing requirements

| Skylight number | Area of glazing inc. frame (m2) | Shading device | Frame and glass type |
|-----------------|---------------------------------|-------------------------------------|--|
| S1 | 2.8 | external adjustable awning or blind | aluminium, moulded plastic single clear, (or U-value: 6.21, SHGC: 0.808) |
| S2 | 3.7 | external adjustable awning or blind | aluminium, moulded plastic single clear, (or U-value: 6.21, SHGC: 0.808) |