

# **ACTION PLANS**

m: 0426 957 518 e: operations@actionplans.com.au w: www.actionplans.com.au

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## **DEVELOPMENT APPLICATION:REV: B**

These plans are for Council Approval only.

NO.	DRAWING NAME
DA00	COVER
DA01	NOTATION
DA02	SAFTEY NOTES
DA03	SITE ANALYSIS
DA04	SITE/ ROOF/ SEDIMENT CONTROL/ WASTE MANAGEMENT/ SW CONCEPT PLAN
DA05	EXISTING GARAGE FLOOR PLAN - DEMOLITION
DA06	EXISTING GROUND FLOOR PLAN - DEMOLITION
DA07	EXISTING FIRST FLOOR PLAN - DEMOLITION
DA08	PROPOSED GARAGE FLOOR PLAN
DA09	PROPOSED GROUND FLOOR PLAN
DA10	PROPOSED FIRST FLOOR PLAN
DA11	NORTH / EAST ELEVATION
DA12	SOUTH / WEST ELEVATION
DA13	CROSS SECTION
DA14	LONG SECTION
DA15	CROSS SECTION CC & DD
DA16	AREA CALCULATIONS
DA17	WINTER SOLSTICE 9 AM
DA18	WINTER SOLSTICE 12 PM
DA19	WINTER SOLSTICE 3 PM
DA20	SAMPLE BOARD
DA21	HEIGHT BLANKET (PROPOSED)
DA22	HEIGHT BLANKET (PROPOSED) (FROM LOWER GROUND LEVEL))

ITEM DETAILS	DEVELOPMENT APPLICATION			
ADDRESS	2-4 KENT STREET COLLAROY NSW 2	)97		
LOT & DP/SP	LOT 10 & 11 SEC. 18 DP 12609			
COUNCIL	NORTHERN BEACHES COUNCIL (WAI	RRINGAH)		
SITE AREA	LOT 11 - 810.9m <sup>2</sup> LOT 10 & 11 - 1461r	n²		
FRONTAGE	-			
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	600m <sup>2</sup>	810.9m <sup>2</sup>	UNCHANGED	YES
MAXIMUM BUILDING HEIGHT	8.5m	11.240m	12.604m	NO
HAZARDS				
DCP				
WALL HEIGHT	7.2m	8.769m	9.18m	NO
NUMBER OF STOREYS	2	2	UNCHANGED	YES
SIDE BOUNDARY ENVELOPE	4m		UNCHANGED	YES
SIDE BOUNDARY SETBACKS	0.9m	N/A	UNCHANGED	YES
FRONT BOUNDARY SETBACK	6.5m	9.497m	UNCHANGED	YES
REAR BOUNDARY SETBACK	N/A	N/A	N/A	N/A
LANDSCAPE OPEN SPACE	40% (324.36m²)	22.76% (184.48m <sup>2</sup> )	34.94% (283.34m²)	NO
LANDSCAPE OPEN SPACE LESS THAN 2m <sup>2</sup>	40% (324.36m²)	32.41% (262.84m <sup>2</sup> )	38.67% (313.64m²)	NO
PRIVATE OPEN SPACE	60m <sup>2</sup>	60m <sup>2</sup>	60m <sup>2</sup>	YES

## 2-4 KENT STREET COLLAROY NSW 2097



	2 & AS COMPLIANCES SPECIFICATIONS
	PROVISIONS - PART H1D2 & PART 2.2 OF NCC
EARTHWORK	ATION - PART H1D3 & SECTION 3 OF NCC S - PART 3.2 OF NCC ART 3.3 OF NCC ( MANAGEMENT - PART 3.4 OF NCC
FOOTINGS &	SLABS - PART H1D4 & SECTION 4 OF NCC _ABS & ASSOCIATED ELEMENTS - PART 4.2 OF NCC
MASONRY VE CAVITY MASC UNREINFORC ISOLATED PIE MASONRY CC	ART H1D5 & SECTION 5 OF NCC NEER - PART 5.2 OF NCC NRY - PART 5.3 OF NCC ED SINGLE LEAF MASONRY - PART 5.4 OF NCC RS - PART 5.5 OF NCC MPONENTS & ACCESSORIES - PART 5.6 OF NCC DOFING OF MASONRY - PART 5.7 OF NCC
SUB FLOOR V	IRT H1D6 & SECTION 6 OF NCC ENTILATION - PART 6.2 OF NCC STEEL MEMBERS - PART 6.3 OF NCC
SHEET ROOF ROOF TILES & GUTTERS & D	ALL CLADDING - PART H1D7 & SECTION 7 OF NCC NG - PART 7.2 OF NCC & SHINGLES - PART 7.3 OF NCC OWNPIPES - PART 7.4 OF NCC MPOSITE WALL CLADDING - PART 7.5 OF NCC
WINDOWS & E GLASS - PAR	RT H1D8 & SECTION 8 OF NCC EXTERNAL GLAZED DOORS - PART 8.2 OF NCC *8.3 OF NCC IAN IMPACT - PART 8.4 OF NCC
DAMP & WEA	THERPROOFING - PART H2 OF NCC
FIRE SEPARA FIRE PROTEC FIRE PROTEC	- PART H3 & SECTION 9 OF NCC TION OF EXTERNAL WALLS - PART 9.2 OF NCC TION OF SEPARATING WALLS & FLOORS - PART 9.3 OF NCC TION OF GARAGE TOP DWELLINGS - PART 9.4 OF NCC WS & EVACUATION LIGHTING - PART 9.5 OF NCC
WET AREA W/ ROOM HEIGH FACILITIES - F LIGHT - PART VENTILATION SOUND INSUL	ENITY - PART H4 & SECTION 10 OF NCC ATERPROOFING - PART 10.2 OF NCC TS - PART 10.3 OF NCC 'ART 10.4 OF NCC 10.5 OF NCC - PART 10.6 OF NCC ATION - PART 10.7 OF NCC ON MANAGEMENT - PART 10.8 OF NCC
STAIRWAY & F	ENT & ACCESS - PART H5 & SECTION 11 0F NCC RAMP CONSTRUCTION - PART 11.2 OF NCC HANDRAILS - PART 11.3 OF NCC
CONSTRUCTI ATTACHMENT	ROVISIONS - PART H7 & SECTION 12 OF NCC ON IN ALPINE AREAS - PART 12.2 OF NCC OF FRAMED DECKS & BALCONIES TO EXTERNAL WALLS OF BUILDINGS USING A WALING PLATE - PART 12.3 OF NO LIANCES, FIREPLACES, CHIMNEYS & FLUES - PART 12.4 OF NCC
SWIMMING PO	DOLS - PART H7P1 & NSW H7D2 OF NCC
CONSTRUCTI	ON IN BUSHFIRE PRONE AREAS - PART NSW H7D4 OF NCC
BUILDING FAE EXTERNAL GL BUILDING SE/ CEILING FANS WHOLE OF HO	CIENCY - PART H6 & SECTION 13 OF NCC 3RIC - PART 13.2 OF NCC AZING - PART 13.3 OF NCC ALING - PART 13.4 OF NCC 5 - PART 13.5 OF NCC 3ME ENERGY USAGE - PART 13.6 OF NCC ART 13.7 OF NCC
DEMOLITION WATERPROO ALL PLUMBIN ALL PLASTER ALL STRUCTU ALL CONCRET ALL SKYLIGHT ALL SKYLIGHT ALL CERAMIC ALL CERAMIC ALL GLAZING ALL TIMBER F	G & OTHER PROVISIONS - REGULATIONS, & AS 1926 WORKS TO COMPLY WITH AS 2601-2001 THE DEMOLITION OF STRUCTURES. FING OF WET AREAS TO COMPLY WITH AS 3740:2021 3 & DRAINAGE WORK TO COMPLY WITH AS 3500:2021 BOARD WORK TO COMPLY WITH AS 2588:2018 RAL STEEL WORK TO COMPLY WITH AS 4100:2020 & AS 1554.1:2014 TE WORK TO COMPLY WITH AS 4100:2020 & AS 1554.1:2014 TE WORK TO COMPLY WITH AS 3600:2018 EETING WORK TO COMPLY WITH AS 1562.1:2018 TS TO COMPLY WITH AS 4285:2019 TILING TO COMPLY WITH AS 3958.1-2007 & 3958.2-1992 ASSEMBLIES TO COMPLY WITH AS 2047-2014 & AS 1288:2021 ETAINING WALLS ARE TO COMPLY WITH AS 1720, AS 1170 G WALLS ARE TO COMPLY WITH AS 3700:2018 & AS 3600:2018

## IMPORTANT NOTATION FOR BUILDERS

- All dimensions are to be confirmed on-site by the builder/subcontractor, any incongruencies must be reported to the Designer in writing before the commencement of any work.

- No Survey has been made on the boundaries. All bearings, distances, and areas have been taken from the contour survey plan. A Survey must be carried out to confirm the exact boundary locations.

- No construction work shall commence until a site survey confirming the site boundaries has been completed. The contractor is to ensure that the approved boundary setbacks are confirmed and used, the boundary setbacks take precedence over all other dimensions. The Survey work must be performed by a registered Surveyor.

- In the event of encountering any discrepancies on these drawings, specification, or subsequent instructions issued, the Builder/Subcontractor shall contact the designer in writing before proceeding further with any work. The builder/subcontractor is responsible to ensure that all materials installed on-site are fit for purpose and comply with the NCC and relevant Australian Standards. The builder is to obtain written confirmation of material selection by the

Client prior to ordering. - All construction, control joints, and expansion joints in the walls, floors, and other locations shall be in strict accordance with the structural engineering details. No joints or breaks other than specified are allowed without written permission from the Engineer.

 Measurements for the fabrication of secondary components such as windows, doors, internal frames, structural steel components, and the like, are not to be taken from these documents. Measurements must be taken on-site to suit the

work as constructed. - All structural components shall be in strict accordance with details and specifications as prepared by a suitably qualified structural engineer.

- All existing structures need to be examined for structural adequacy, and it is the Contractor's responsibility to ensure that a certificate of structural adequacy is available prior to the start of any work.

#### SPECIFICATION

- "Approval" - obtained by either an 'Accredited Certifying Authority' or 'Local Council'.

- The Owner will directly pay all fees associated with the following: -

Building approval from council or accredited certifier, any footpath and kerb deposits with the local council, insurance fees to Building Services Corporation, Long Service Leave levy fees and approval fees 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 causes, will be deducted from 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 as stated in the contract conditions.

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 neglect of this clause.
These drawings shall be read in conjunction with all structural and other consultant's 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 shall not be obtained by scaling the drawings, use 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.
 Any detailing additional to that which 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 to be supplied by the Engineer.

 All work to be carried out in a tradesman like manner and in accordance with the standards, codes and regulations of Standards Australia, the National Construction Code and any statutory authority having jurisdiction over the works.
 All structural work is to be in accordance with the structural details prepared by a suitably qualified structural engineer, including but not limited to all piers, footings, concrete slabs, retaining walls, steelworks, formwork, underpinning, additional structural loads, timber framing, wind bracing and associated connections. Builder to obtain prior to finalising the tender, unless previously obtained by owners.

- All brickwork is to be selected by the Owner, and is to comply with AS 1640.

- All masonry is to comply with AS 3700.

- Provide all metalwork and flashings necessary to satisfactorily complete the works.

- All timber construction to be in accordance with AS 1684 - Residential timber-framed construction. Level and grade where necessary under timber floors to provide a minimum clearance of 300mm under bearers or 400mm under joists. Adequate precautions shall be taken to ensure that the surface and/or seepage water does not collect or remain under floor area.

- Sustainable timbers, and not rainforest or old growth timber will be used. Recycled timber or second hand timbers are to be sourced and used in preference to plantation timbers, if available and suitable.

- All glazing installation is to comply with AS 1288, AS 2047 and in accordance with manufacturers recommendations.
- All wall and ceiling linings in wet areas to be plasterboard and villaboard, or equal. A breathable wall wrap is to be provided to all external walls. Timber cladding is to be batterned out from timber frame to provide an 'air' gap to prevent condensation. Workmanship is to comply with the relevant Australian Standards or installed in accordance with manufacturer's specifications. All bathrooms and wet areas to be waterproofed with a flexible membrane to

manufacturer's specifications and to AS 3740, Part H4D2 and Section 10; Part 10.2 of the 2022 NCC. - All Architraves and skirtings to the profile as selected by owner, and painted or stain finish as selected.

All plumbing and drainage work to be installed and completed by a licensed tradesman and in accordance with the statutory body having authority over the works. Connect all waste to Sydney Water sewer line.
Connect all stormwater to existing system or street drainage system in accordance with AS 3500, Part H2D2 and

Section 3; Part 3.3 of the 2022 NCC.

- Smoke detector alarms are to be installed in accordance with AS 3786, Part H3D6 and Section 9; Part 9.5 of the 2022 NCC.

- If a member which provides structural support to the works is subject to termite attack, management measures are to comply with AS 3660 and Section 3; Part 3.4 of the 2022 NCC. Termite management system to be installed to manufacturer's specifications.

- Stairs and Balustrades to comply with Part H5D2, H5D3 and Section 11; Part 11.2 and 11.3 of the 2022 NCC. Provide a handrail along the full length of the flight and a slip resistant finish to the edge of the nosings to comply with 3.9.1 and 3.9.2 of the NCC. No horizontal elements to facilitate climbing between 150mm and 760mm where floor to level below is more than 4m.

Electrical works to be in accordance with SAA wiring rules and be done by a licenced tradesperson. Obtain electrical layout prior to proceeding. All electrical power (GPO's) and light outlets to be determined by the Owner.
 Painting: All paints or other coatings shall be of the best quality materials & of approved manufacture. All priming materials shall be of an approved brand acceptable to the manufacturer of the finishing coats to be used. External joinery intended to be painted shall be primed on all faces at the place of assembly. Where new work or alteration work adjoins existing painted surfaces allow for repainting existing surfaces to provide uniform appearance.
 ZERO-VOC or LOW-VOC paints and primers only are to be used.

- Any work indicated on the plans but not specified and any item not shown on the plans which is obviously necessary as part of proper construction and/or finish, is to be considered as shown and specified and is to be undertaken as part of the contract. Variations will not be permitted without prior written approval by the owners.

- The Builder shall provide sediment and siltration control measures as required by Council, and maintain them throughout the duration of the works

- A legible copy of the plans bearing approval stamps, must be maintained on the job site at all times. Hours of construction shall be restricted to the times as required by the building approval.

- The Builder is to arrange for all inspections required by the relevant authorities and/or 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 to existing services and equipment is to be undertaken by appropriately qualified tradespersons.

- The Builder shall restore, reinstate or replace any damage to existing structures or landscaping caused by the construction works or workmen.

- Provide protection to existing trees to remain, or as required by the Approval Conditions.

### GENERAL NOTATION

- Approved means by the 'relevant local authority' or council?

- All work and materials to comply with the current Australian standards at the time of commencement, where applicable.

- 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 new downpipes are to be connected to the existing stormwater system.

- All timber sizes and concrete details to be confirmed by the builder prior to commencement of any work.

- All gutters, downpipes to be colorbond.

- All wall and ceiling linings to be plasterboard or cement render as selected, and villa board in wet areas. To comply with relevant Australian standards, and installed in accordance with manufacturers specification.

### NCC 2022 & AS COMPLIANCES SPECIFICATIONS

- Structure - Part H1 & Section 2 of NCC - Structural Provisions - PART H1D2 & PART 2.2 of NCC

- Site Preparation - Part H1D3 & Section 3 of NCC

- Earthworks - Part 3.2 of NCC - Drainage - Part 3.3 of NCC

- Termite Risk Management - Part 3.4 of NCC

- Footings & Slabs - Part H1D4 & Section 4 of NCC - Footings, Slabs & Associated Elements - Part 4.2 of NCC

Masonry - Part H1D5 & Section 5 of NCC
Masonry Veneer - Part 5.2 of NCC
Cavity Masonry - Part 5.3 of NCC
Unreinforced Single Leaf Masonry - Part 5.4 of NCC
Isolated Piers - Part 5.5 of NCC
Masonry Components & Accessories - Part 5.6 of NCC
Waetherproofing of Masonry - Part 5.7 of NCC

- Framing - Part H1D6 & Section 6 of NCC - Sub Floor Ventilation - Part 6.2 of NCC - Structural Steel Members - Part 6.3 of NCC

Roof & Wall Cladding - Part H1D7 & Section 7 of NCC
Sheet Roofing - Part 7.2 of NCC
Roof Tiles & Shingles - Part 7.3 of NCC
Gutters & Downpipes - Part 7.4 of NCC
Timber & Composite Wall Cladding - Part 7.5 of NCC

- Glazing - Part H1D8 & Section 8 of NCC - Windows & External Glazed Doors - Part 8.2 of NCC - Glass - Part 8.3 of NCC

- Glazing Human Impact - Part 8.4 of NCC

- Damp & Weatherproofing - Part H2 of NCC

Fire Safety - Part H3 & Section 9 of NCC
Fire Separation of External Walls - Part 9.2 of NCC
Fire Protection of Separating Walls & Floors - Part 9.3 of NCC
Fire Protection of Garage Top Dwellings - Part 9.4 of NCC
Smoke Alarms & Evacuation Lighting - Part 9.5 of NCC

Health & Amenity - Part H4 & Section 10 of NCC
Wet Area Waterproofing - Part 10.2 of NCC
Room Heights - Part 10.3 of NCC
Facilities - Part 10.4 of NCC
Light - Part 10.5 of NCC
Ventilation - Part 10.6 of NCC
Sound Insulation - Part 10.7 of NCC
Condensation Management - Part 10.8 of NCC

- Safe Movement & Access - Part H5 & Section 11 of NCC - Stairway & Ramp Construction - Part 11.2 of NCC - Barriers & Handrails - Part 11.3 of NCC

Ancillary Provisions - Part H7 & Section 12 of NCC
 Construction in Alpine Areas - Part 12.2 of NCC
 Attachment of Framed Decks & Balconies to External Walls of Buildings Using a Waling Plate - Part 12.3 of NCC
 Heating Appliances, Fireplaces, Chimneys & Flues - Part 12.4 of NCC

- Swimming Pools - Part H7P1 & NSW H7D2 of NCC

- Construction in Bushfire Prone Areas - Part NSW H7D4 of NCC

Energy Efficiency - Part H6 & Section 13 of NCC
Building Fabric - Part 13.2 of NCC
External Glazing - Part 13.3 of NCC
Building Sealing - Part 13.4 of NCC
Ceiling Fans - Part 13.5 of NCC
Whole of Home Energy Usage - Part 13.6 of NCC
Services - Part 13.7 of NCC

THIS SET OF DRAWING SHOULD BE READ & KEPT IN ITS ENTIRETY. NO INDIVIDUAL PAGE SHOULD BE SEPARATED FROM THE REST OF THE SET. EACH NOTATION LISTED ON THIS PAGE APPLY TO ALL PAGES OF THIS SET.

Pool Fencing & other provisions - Regulations, & AS 1926
Demolition Works to comply with AS 2601-2001 The Demolition of Structures.
Waterproofing of Wet Areas to comply with AS 3740:2021
All plumbing & drainage work to comply with AS 3500:2021
All plasterboard work to comply with AS 2588:2018
All structural steel work to comply with AS 4100:2020 & AS 1554.1:2014
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 3958.1-2007 & 3958.2-1992
All glazing assemblies to comply with AS 2047-2014 & AS 1288:2021
All imber retaining walls to comply with AS 3700:2018 & AS 3600:2018
All retaining walls to comply with AS 3700:2018 & AS 3600:2018
All construction in bushfire-prone areas to comply with AS 3959:2018

THESE NOTES MUST BE READ AND UNDERSTOOD BY ALL INVOLVED IN THE PROJECT. THIS INCLUDES (but is not excluded to): OWNER, BUILDER, SUB-CONTRACTORS, CONSULTANTS, RENOVATORS, OPERATORS, MAINTENORS, DEMOLISHERS.

#### 1. FALLS, SLIPS, TRIPS

#### a) WORKING AT HEIGHTS

#### DURING CONSTRUCTION

Wherever possible, components for this building should be prefabricated off-site or at ground level to minimise the risk of workers falling more than two metres. However, construction of this building will require workers to be working at heights where a fall in excess of two metres is possible and injury is likely to result from such a fall. The builder should provide a suitable barrier wherever a person is required to work in a situation where falling more than two metres is a possibility

#### DURING OPERATION OR MAINTENANCE

For houses or other low-rise buildings where scaffolding is appropriate: Cleaning and maintenance of windows, walls, roof or other components of this building will require persons to be situated where a fall from a height in excess of two metres is possible. Where this type of activity is required, scaffolding, ladders or trestles should be used in accordance with relevant codes of practice, regulations or legislation. For buildings where scaffold, ladders, trestles are not appropriate; Cleaning and maintenance of windows, walls, roof or other components of this building will require persons to be situated where a fall from a height in excess of two metres is possible. Where this type of activity is required, scaffolding, fall barriers or Personal Protective Equipment (PPE) should be used in accordance with relevant codes of practice, regulations or legislation.

#### b) SLIPPERY OR UNEVEN SURFACES

#### FLOOR FINISHES Specified

If finishes have been specified by designer, these have been selected to minimise the risk of floors and paved areas becoming slippery when wet or when walked on with wet shoes/ feet. Any changes to the specified finish should be made in consultation with the designer or, if this is not practical, surfaces with an equivalent or better slip resistance should be chosen

#### FLOOR FINISHES By Owner

If designer has not been involved in the selection of surface finishes. the owner is responsible for the selection of surface finishes in the pedestrian trafficable areas of this building. Surfaces should be selected in accordance with AS HB 197:1999 and AS/ NZ 4586:2004

#### STEPS, LOOSE OBJECTS AND UNEVEN SURFACES

Due to design restrictions for this building, steps and/ or ramps are included in the building which may be a hazard to workers carrying objects or otherwise occupied. Steps should be clearly marked with both visual and tactile warning during construction, maintenance, demolition and at all times when the building operates as a workplace. Building owners and occupiers should monitor the pedestrian access ways and in particular access to areas where maintenance is routinely carried out to ensure that surfaces have not moved or cracked so that they become uneven and present a trip hazard. Spills, loose material, stray objects or any other matter that may cause a slip or trip hazard should be cleaned or removed from access ways. Contractors should be required to maintain a tidy work site during construction, maintenance or demolition to reduce the risk of trips and falls in the workplace. Materials for construction or maintenance should be stored in designated areas away from access ways and work areas.

#### 2. FALLING OBJECTS

#### LOOSE MATERIALS OR SMALL OBJECTS

Construction, maintenance or demolition work on or around this building is likely to involve persons working above ground level or above floor levels. Where this occurs one or more of the following measures should be token to ovoid objects falling from the area where the work is being carried out onto persons below 1. Prevent or restrict access to areas below where the work is

- being carried out.
- 2. Provide toeboards to scaffolding or work platforms.
- 3. Provide protective structure below the work area.
- 4. Ensure that all persons below the work area have Personal
- Protective Equipment (PPE).

#### BUILDING COMPONENTS

During construction, renovation or demolition of this building, parts of the structure including fabricated steelwork, heavy panels and many other components will remain standing prior to or after supporting parts are in place. Contractors should ensure that temporary bracing or other required support is in place at all times when collapse which may injure persons in the area is a possibility. Mechanical lifting of materials and components during construction, maintenance or demolition presents a risk of falling objects. Contractors should ensure that appropriate lifting devices are used, that loads are properly secured and that access to areas below the load is prevented or restricted

#### 3. TRAFFIC MANAGEMENT

For building on a major road, narrow road or steeply sloping road: Parking of vehicles or loading/ unloading of vehicles on this roadway may cause a traffic hazard. During construction, maintenance or demolition of this building designated parking for workers and loading areas should be provided. Trained traffic management personnel should be responsible for the supervision of these areas. For building where on-site loading/ unloading is restricted: Construction of this building will require loading and unloading of materials on the roadway. Deliveries should be well planned to ovoid congestion of loading areas and trained traffic management personnel should be used to supervise loading/ unloading areas. For all buildings: Busy construction and demolition sites present a risk of collision where deliveries and other traffic are moving within the site. A traffic management plan supervised by trained traffic management personnel should be adopted for the work site

#### GENERAL

Rupture of services during excavation or other activity creates a variety of risks including release of hazardous material. Existing services are located on or around this site. Where known, these ore identified on the plans but the excel location and extent of services may vary from that indicated. Services should be located using on appropriate service (such as Dial Before You Dig), appropriate excavation practice should be used and, where necessary, specialist contractors should be used. Locations with underground power Underground power lines MAY be located in or around this site. All underground power lines must be disconnected or carefully located and adequate warning signs used prior to any construction, maintenance or demolition commencing. Locations with overhead power lines: Overhead power lines MAY be near or on this site. These pose a risk of electrocution if struck or approached by lifting devices or other plant and persons working above ground level. Where there is a danger of this occurring, power lines should be, where practical, disconnected or relocated. Where this is not practical adequate warning in the form of bright coloured tape or signage should be used or a protective barrier provided.

#### 5. MANUAL TASKS

Components within this design with a moss in excess of 25kg should be lifted by two or more workers or by mechanical lifting device. Where this is not practical, suppliers or fabricators should be required to limit the component mass. All material packaging, building and maintenance components should clearly show the total moss of packages and where practical all items should be stored on site in a way which minimises bending before lifting. Advice should be provided on safe lifting methods in all areas where lifting may occur. Construction, maintenance and demolition of this building will require the use of portable tools and equipment. These should be fully maintained in accordance with manufacturer's specifications and not used where faulty or (in the case of electrical equipment) not carrying a current electrical safety tag. All safety guards or devices should be regularly checked and Personal Protective Equipment should be used in accordance with manufacturer's specification

#### 6. HAZARDOUS SUBSTANCES

#### ASBESTOS

For alterations to a building constructed prior to 1990:

If this existing building was constructed prior to:

1990 - it therefore may contain asbestos

1986 - it therefore is likely to contain asbestos

either in cladding material or in fire retardant insulation material. In either case, the builder should check and, if necessary, take appropriate action before demolishing, culling, sanding, drilling or otherwise disturbing the existing structure

#### POWDERED MATERIALS

Many materials used in the construction of this building con cause harm if inhaled in powdered form. Persons working on or in the building during construction, operational maintenance or demolition should ensure good ventilation and wear Personal Protective Equipment including protection against inhalation while using powdered material or when sanding, drilling, cutting or otherwise disturbing or creating powdered material.

#### TREATED TIMBER

The design of this building may include provision for the inclusion of treated limber within the structure. Dust or fumes from this material can be harmful. Persons working on or in the building during construction, operational maintenance or demolition should ensure good ventilation and wear Personal Protective Equipment including protection against inhalation of harmful material when sanding, drilling, cutting or using treated timber in any way that may cause harmful material lo be released. Do not burn treated timber

#### VOLATILE ORGANIC COMPOLINDS

Many types of glue, solvents, spray packs, paints, varnishes and some cleaning materials and disinfectants have dangerous emissions. Areas where these are used should be kept well ventilated while the material is being used and for a period after installation. Personal Protective Equipment may also be required. The manufacturer's recommendations for use must be carefully considered at all times.

#### SYNTHETIC MINERAL FIBRE

Fibreolass, rockwool, ceramic and other material used for thermal or sound insulation may contain synthetic mineral fibre which may be harmful if inhaled or if it comes in contact with the skin, eyes or other sensitive parts or the body. Personal Protective Equipment including protection against inhalation of harmful material should be used when installing, removing or working near bulk insulation material

#### TIMBER FLOORS

This building may contain timber floors which have an applied finish. Areas where finishes are applied should be kept well ventilated during sanding and application and for a period after installation. Personal Protective Equipment may also be required. The manufacturer's recommendations for use must be carefully considered at all times.

#### 7. CONFINED SPACES

#### **EXCAVATION**

Construction of this building and some maintenance on the building will require excavation and installation of items within excavations. Where practical, installation should be carried out using methods which do not require workers to enter the excavation. Where this is not practical, adequate support for the excavated area should be provided to prevent collapse. Warning signs and barriers to prevent accidental or unauthorised access to all excavations should be provided.

#### ENCLOSED SPACES

For buildings with enclosed spaces where maintenance or other access may be required: Enclosed spaces within this building may present a risk to persons

entering for construction, maintenance or any other purpose. The design documentation calls for warning signs and barriers to unauthorised access. These should be maintained throughout the life of the building. Where workers are required to enter enclosed spaces, air testing equipment and Personal Protective Equipment should be provided.

#### SMALL SPACES

For buildings with small spaces where maintenance or other access may be required: Some small spaces within this building will require access by construction or maintenance workers. The design documentation calls for warning signs and barriers to unauthorised access. These should be maintained throughout the life of the building. Where workers are required to enter small spaces they should be scheduled so that access is for short periods. Manual lifting and other manual activity should be restricted in small spaces

#### 8. PUBLIC ACCESS

## the new use

NON-RESIDENTIAL BUILDINGS workplace health and safety issues should be undertaken

#### 10. OTHER HIGH RISK ACTIVITY

placement. All the above applies.

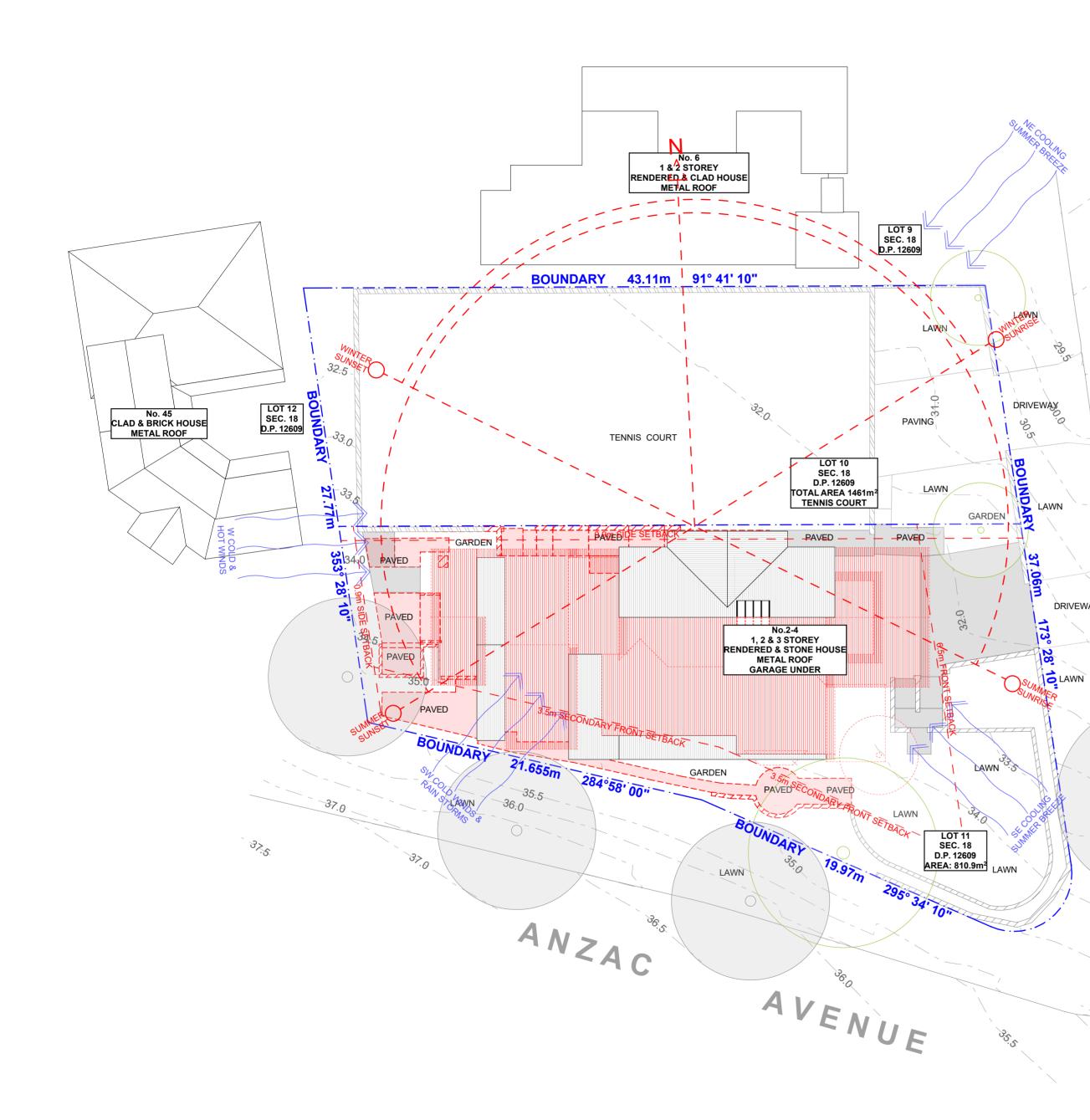
Public access to construction and demolition sites and lo areas under maintenance causes risk to workers and public Warning signs and secure barriers to unauthorised access should be provided. Where electrical installations excavations, plant or loose materials are present they should be secured when not fully supervised

#### 9. OPERATIONAL USE OF BUILDING RESIDENTIAL BUILDINGS

This building has been designed as a residential building. If it, at a later date, it is used or intended to be used as a workplace, the provisions of the Work Health and Safely Act 2011 or subsequent replacement Act should be applied to

For non-residential buildings where the end-use has not been identified: This building has been designed to requirements of the classification identified on the drawings. The specific, use of the building is not known at the time of the design and a further assessment of the workplace health and safety issues should be undertaken at the time of fitout for the end-user. For non-residential building's where the end-use is known: This building has been designed for the specific use as identified on the drawings. Where a change of use occurs at a later dale a further assessment of the

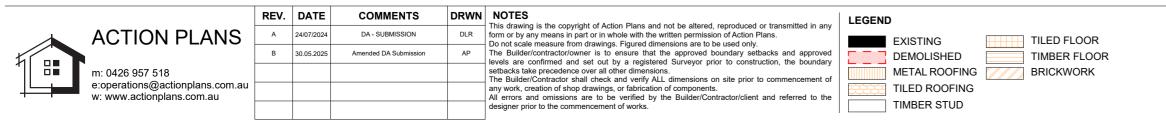
All electrical work should be carried out in accordance with Code of Practice: Managing Electrical Risks at the Workplace, AS/ NZ 3012 and all licensing requirements. All work using Plant should be carried out in accordance with Code of Practice: Managing Risks of Plant at the Workplace. All work should be carried out in accordance with Code of Practice: Managing Noise and Preventing Hearing Loss at Work. Due to the history of serious incidents it is recommended that particular care be exercised when undertaking work involving steel construction and concrete



### SITE ANALYSIS PLAN

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1:200











CLIENT MARK & BELINDA FARRELL

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## DRAWING NO.

Friday, 6 June 2025

DRAWING NAME SITE ANALYSIS

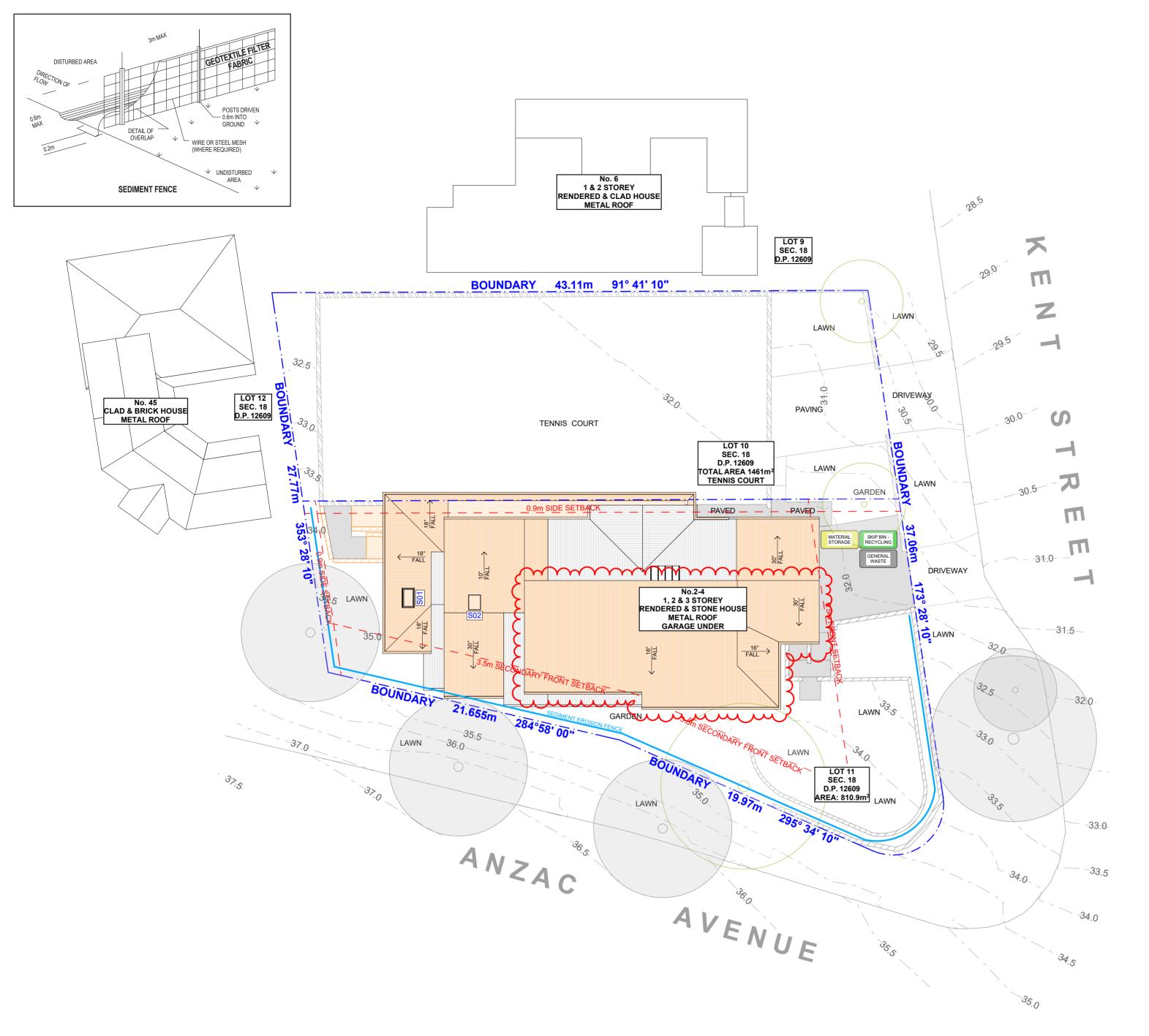
SCALE 1:200 @A2



PROJECT ADDRESS 2-4 KENT STREET

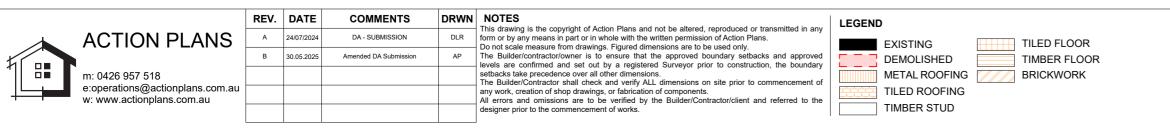
**DA03** DATE

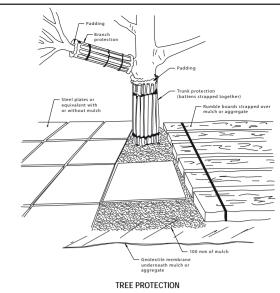
COLLAROY NSW 2097



## SITE/ ROOF/ SEDIMENT CONTROL/ WASTE MANAGEMENT/ SW CONCEPT PLAN

1:200





### NOTES REGARDING BOUNDARY

THE INFORMATION SHOWN ON THIS PLAN IS FOR DESIGN PURPOSES ONLY. THE POSITION OF BOUNDARY LINES HAVE BEEN ESTABLISHED BY A SURVEY TO MEET THE IDENTIFICATION REQUIREMENTS FOR COUNCIL AND NOT FOR REGISTRATION WITH THE LAND REGISTRATION SERVICES NSW NOR MAY THIS PLAN BE USED FOR ANY OTHER PURPOSE. SUBSEQUENT REGISTERED OR OTHER SURVEYS MAY AFFECT THE DEFINED BOUNDARY POSITIONS IN THIS AREA. ANY DIFFERENCES OF THIS NATURE ARE BEYOND THE PURPOSES OF THIS PLAN. THIS PLAN IS FOR THE ABOVE STATED PURPOSES ONLY. RESTRICTIONS ON THE TITLE HAVE NOT BEEN INVESTIGATED. IF FURTHER DEVELOPMENT IS CONTEMPLATED OR CONSTRUCTION INTENDED THEN IT IS IMPORTANT THAT A SURVEY SET OUT IS CARRIED OUT.

#### 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 METALAND 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 EXCAVATEDAREA 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 SWEPT 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

> ALL PROPOSED STORMWATER NOTE: TO CONNECT WITH EXISTING

**NOTE:** SITE BOUNDARY IS TO BE IDENTIFIED BY A REGISTERED SURVEYOR AND CLEARLY MARKED ON SITE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORKS.

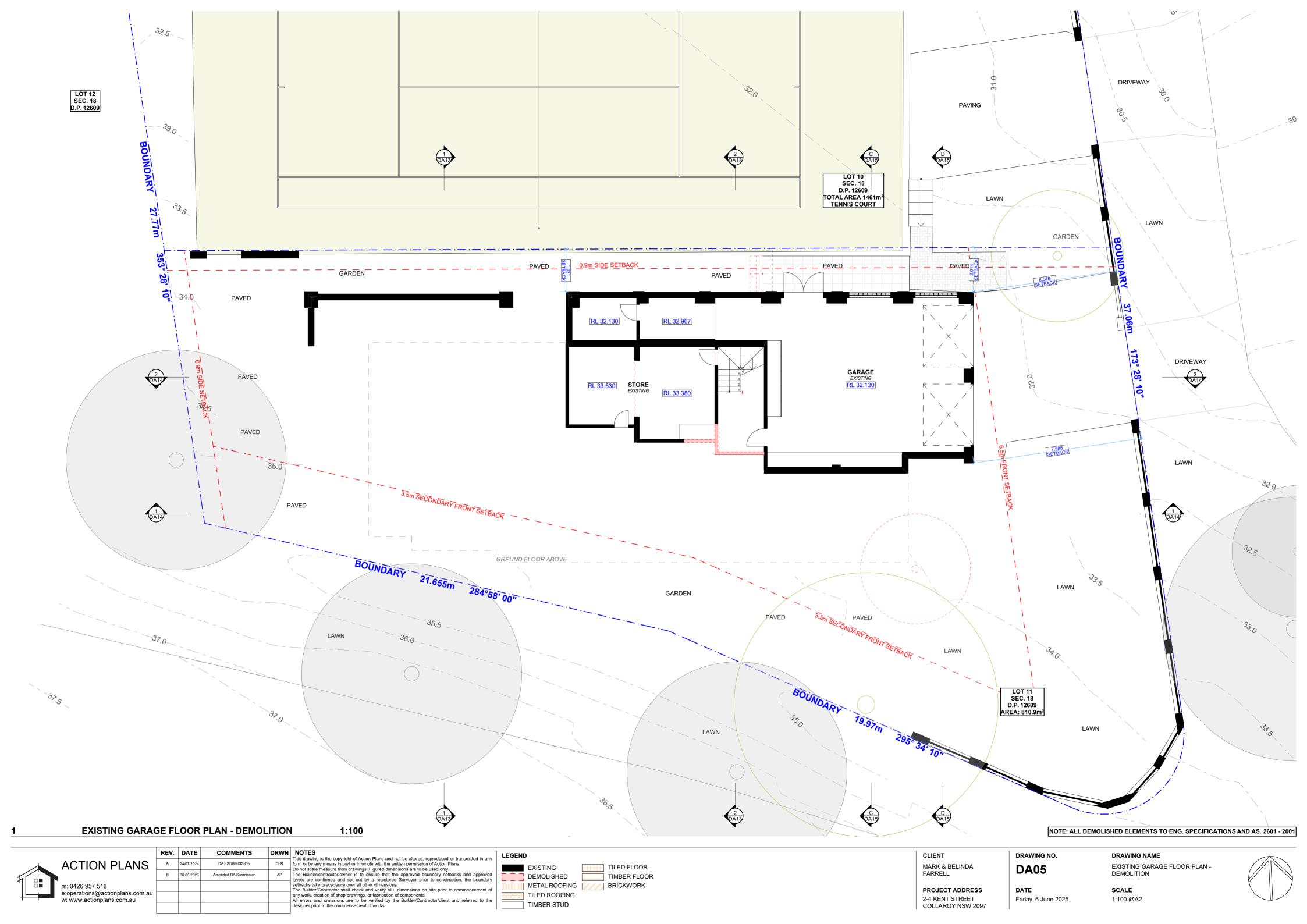
CLIENT MARK & BELINDA FARRELL

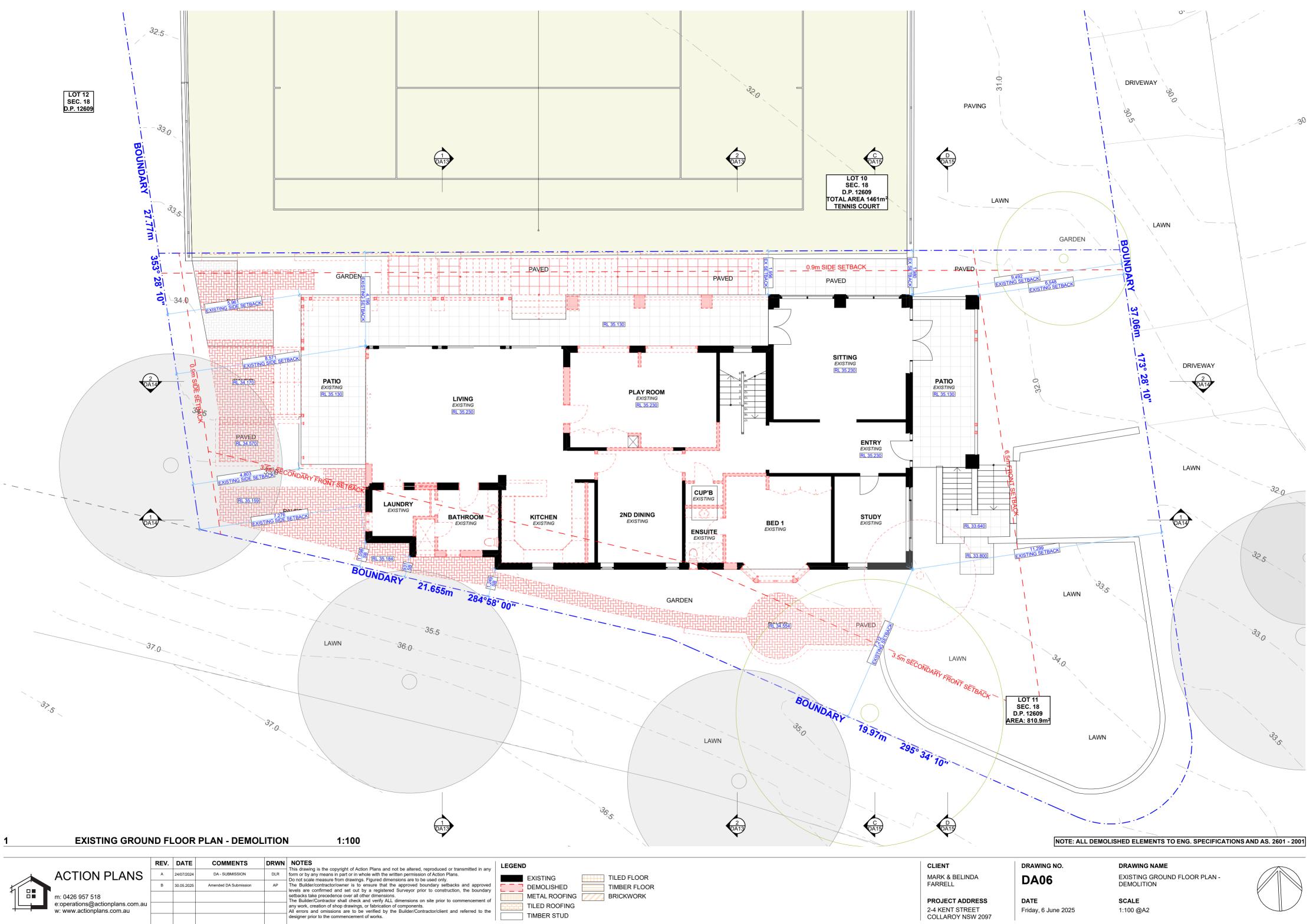
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DATE Friday, 6 June 2025 DRAWING NAME SITE/ ROOF/ SEDIMENT CONTROL/ WASTE MANAGEMENT/ SW CONCEPT PLAN SCALE 1:200 @A2



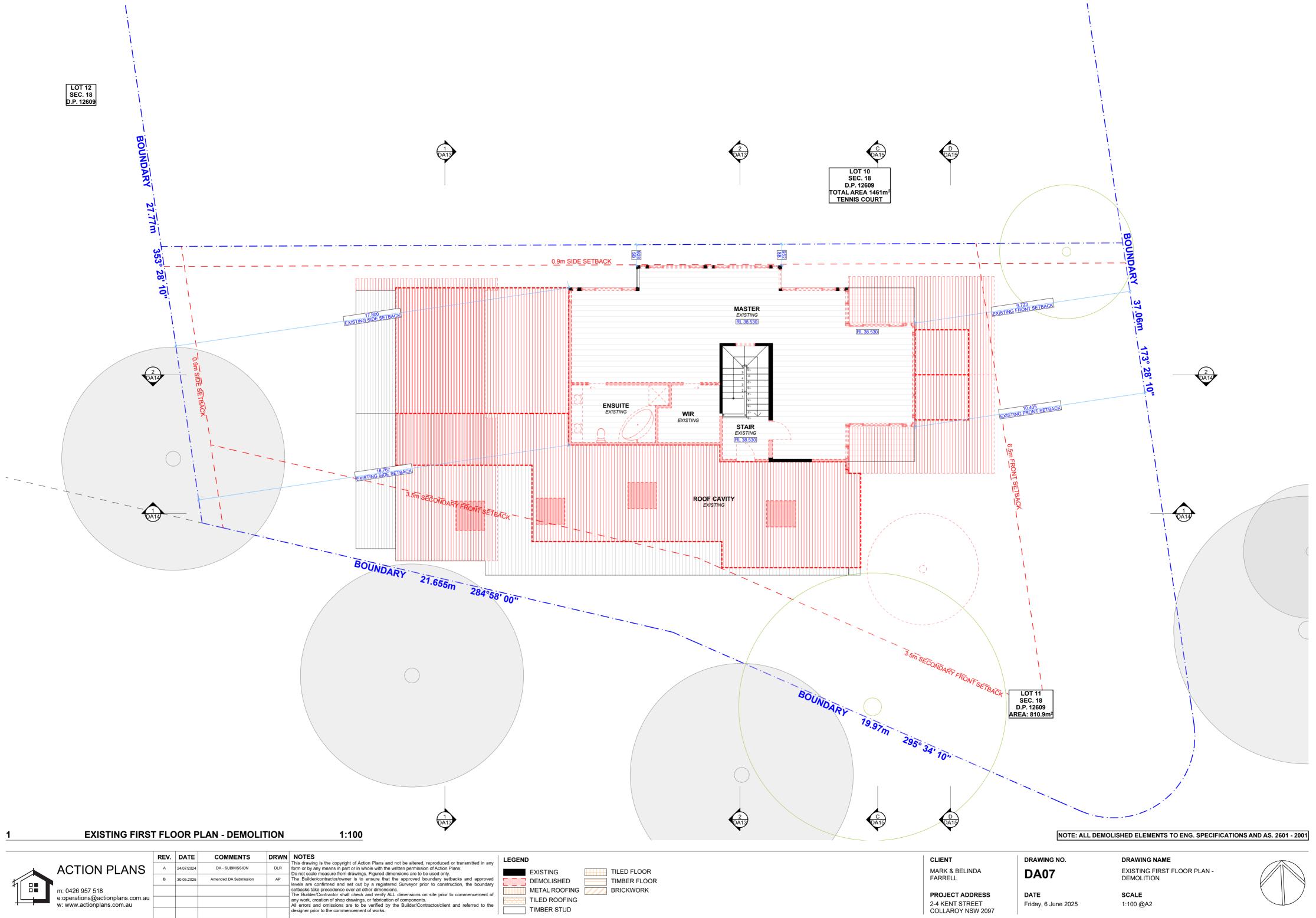
PROJECT ADDRESS 2-4 KENT STREET COLLAROY NSW 2097





TIMBER STUD

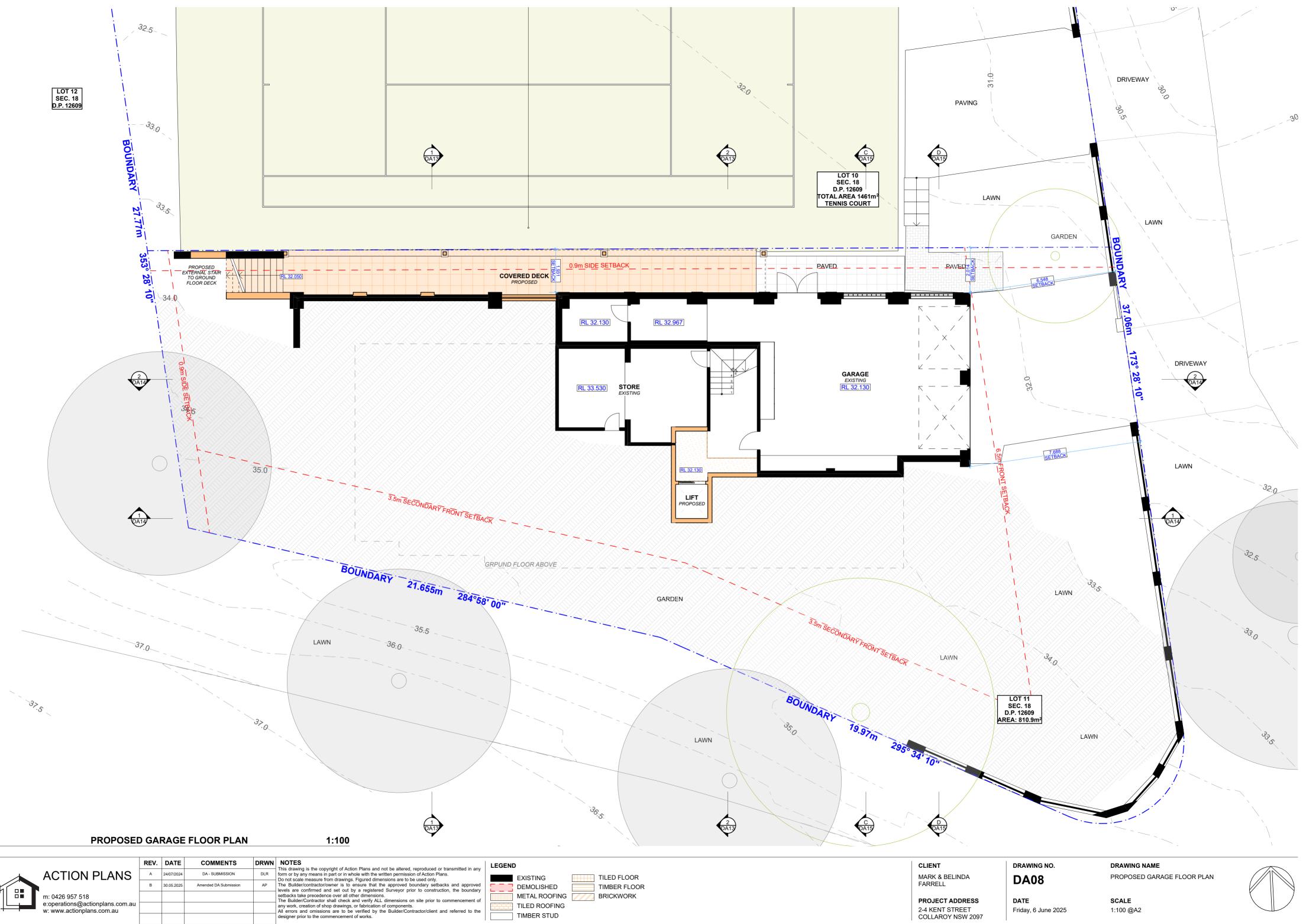
2-4 KENT STREET COLLAROY NSW 2097



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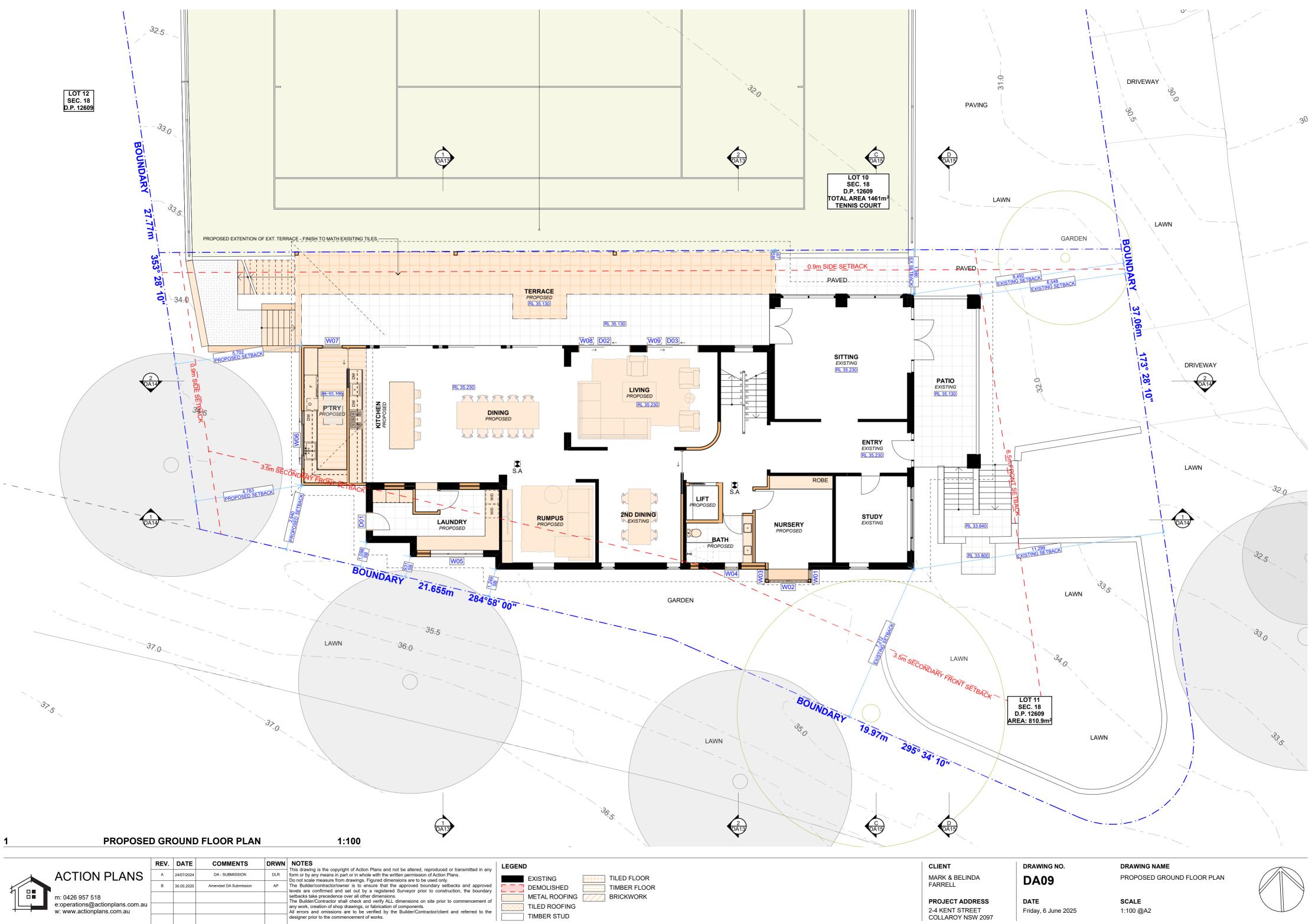
2-4 KENT STREET COLLAROY NSW 2097 Friday, 6 June 2025

1:100 @A2



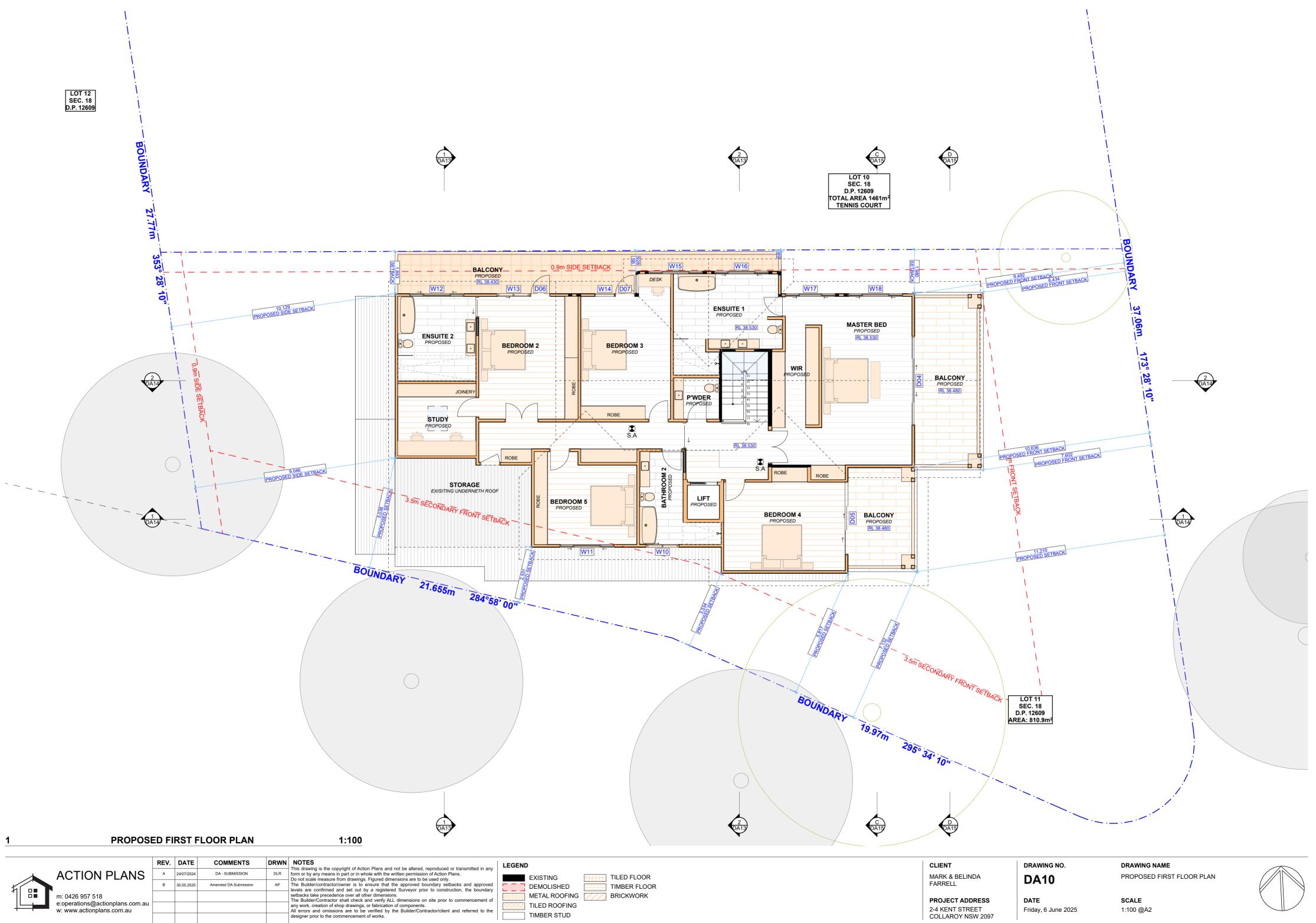
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TIMBER STUD

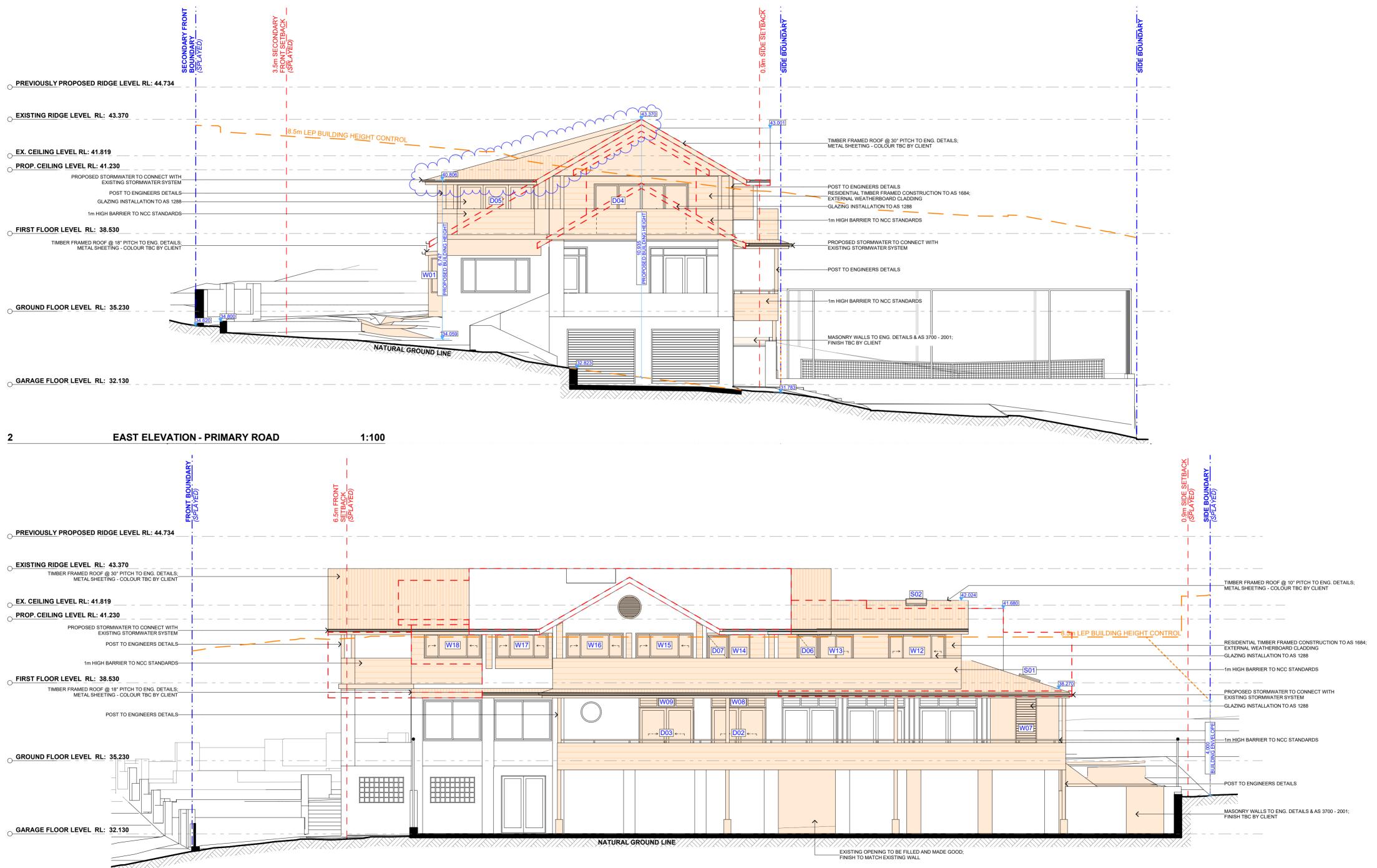
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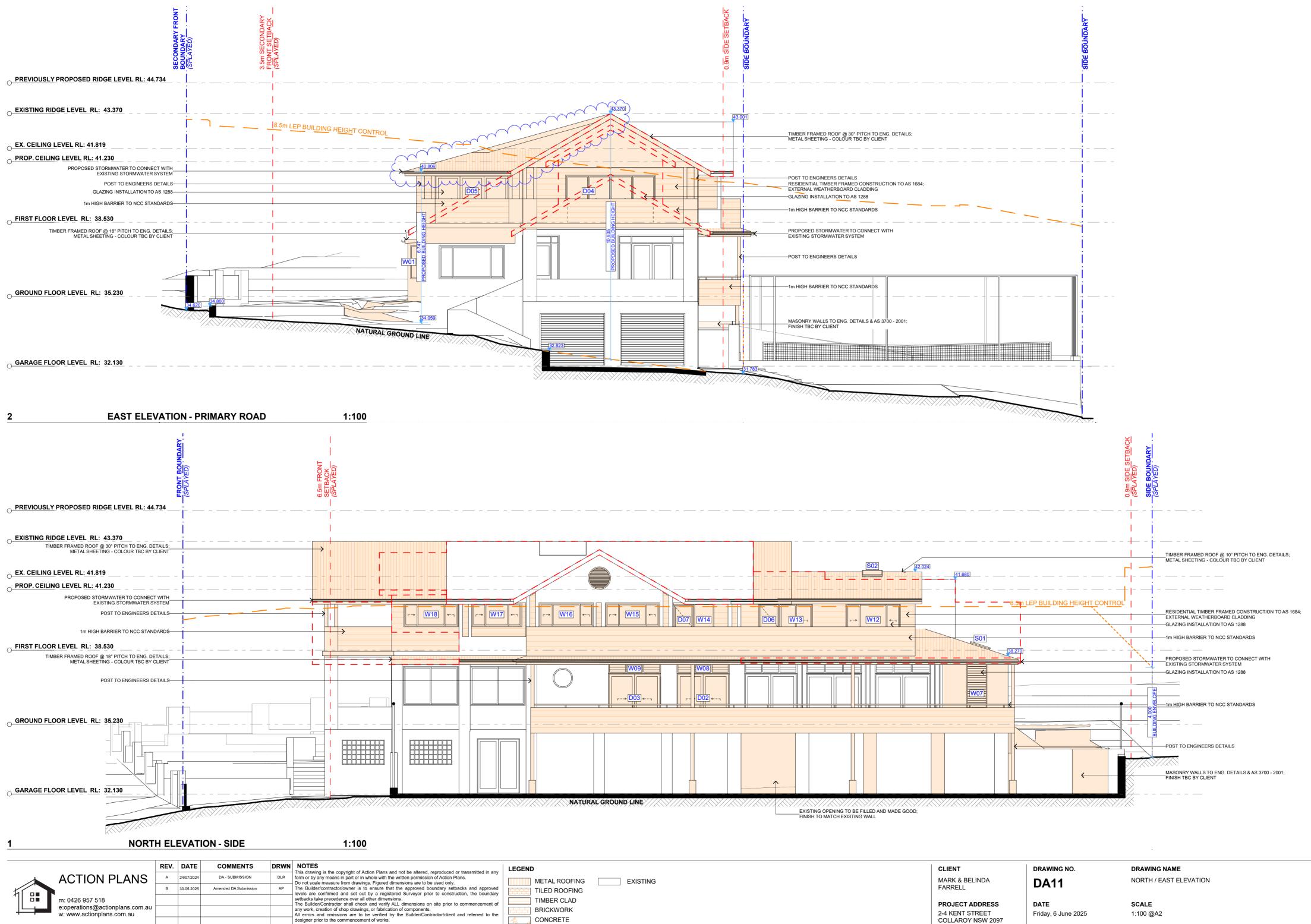


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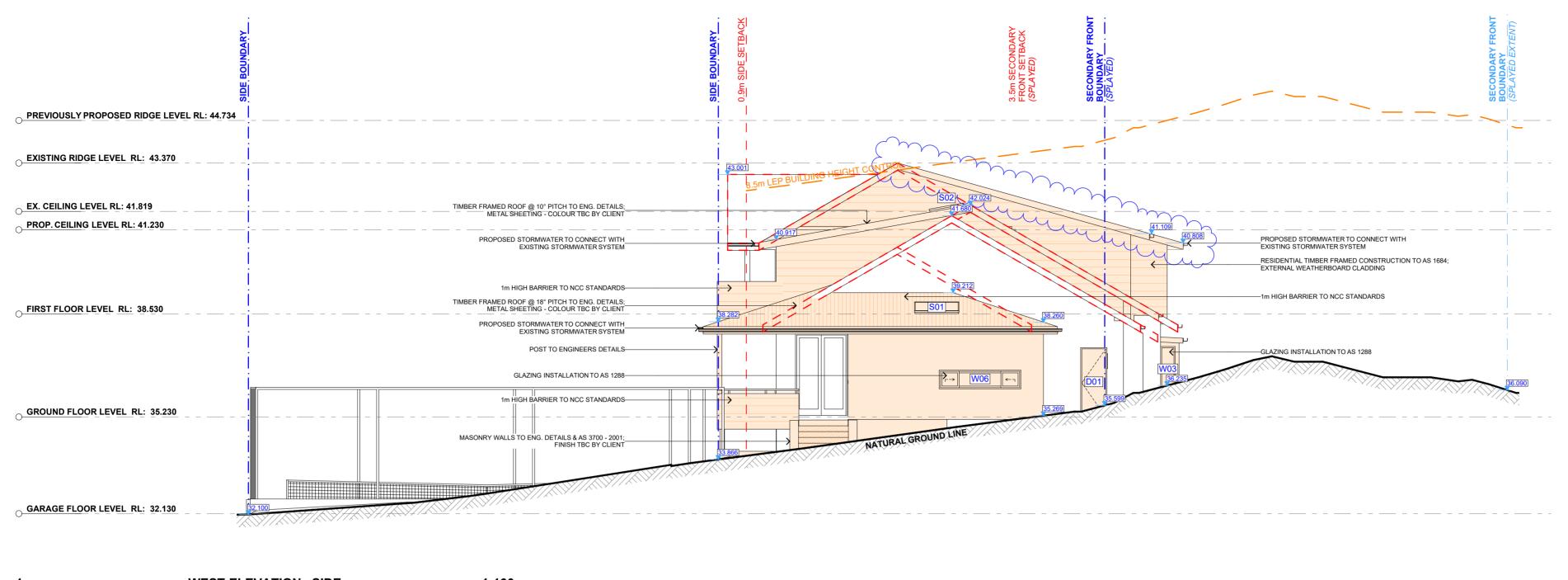
2-4 KENT STREET COLLAROY NSW 2097

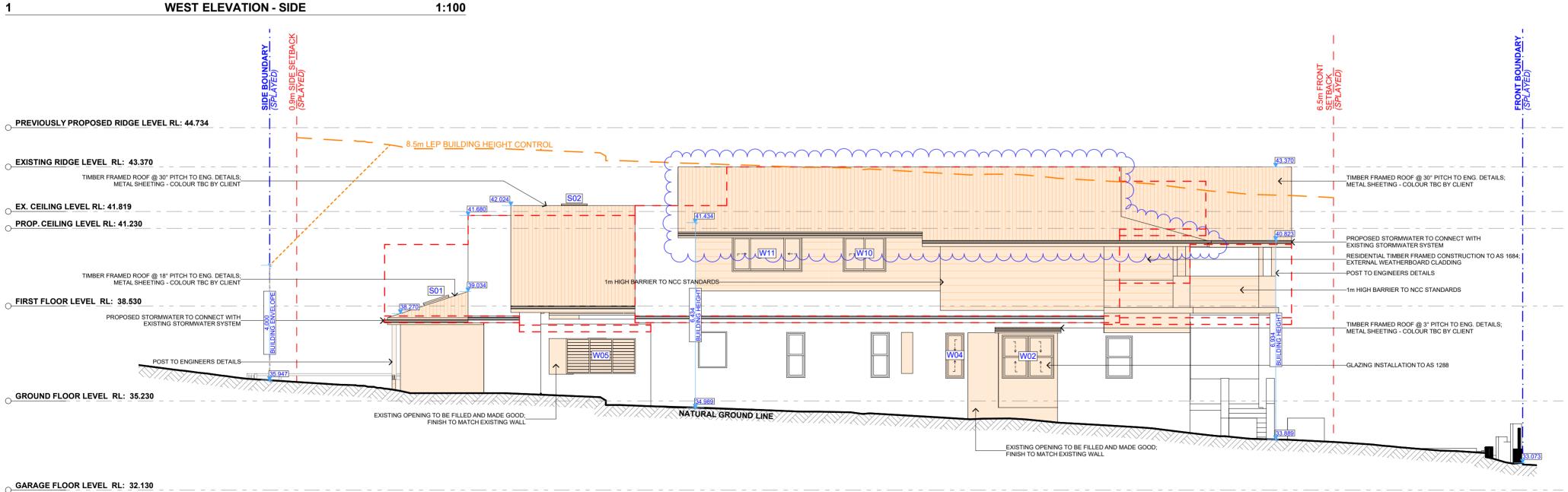
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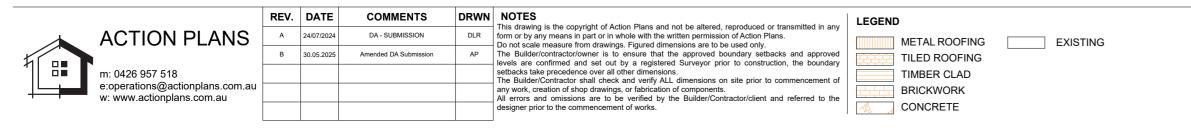
COLLAROY NSW 2097





### SOUTH ELEVATION - SECONDARY FRONTAGE

1:100



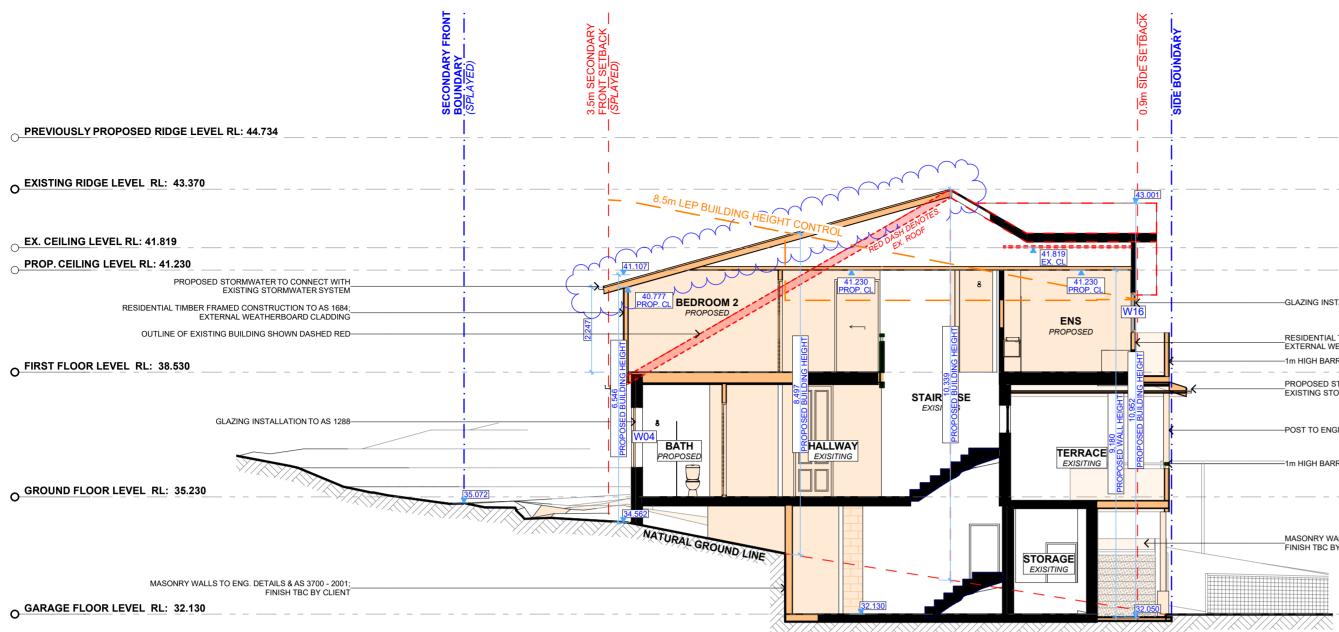
CLIENT MARK & BELINDA FARRELL

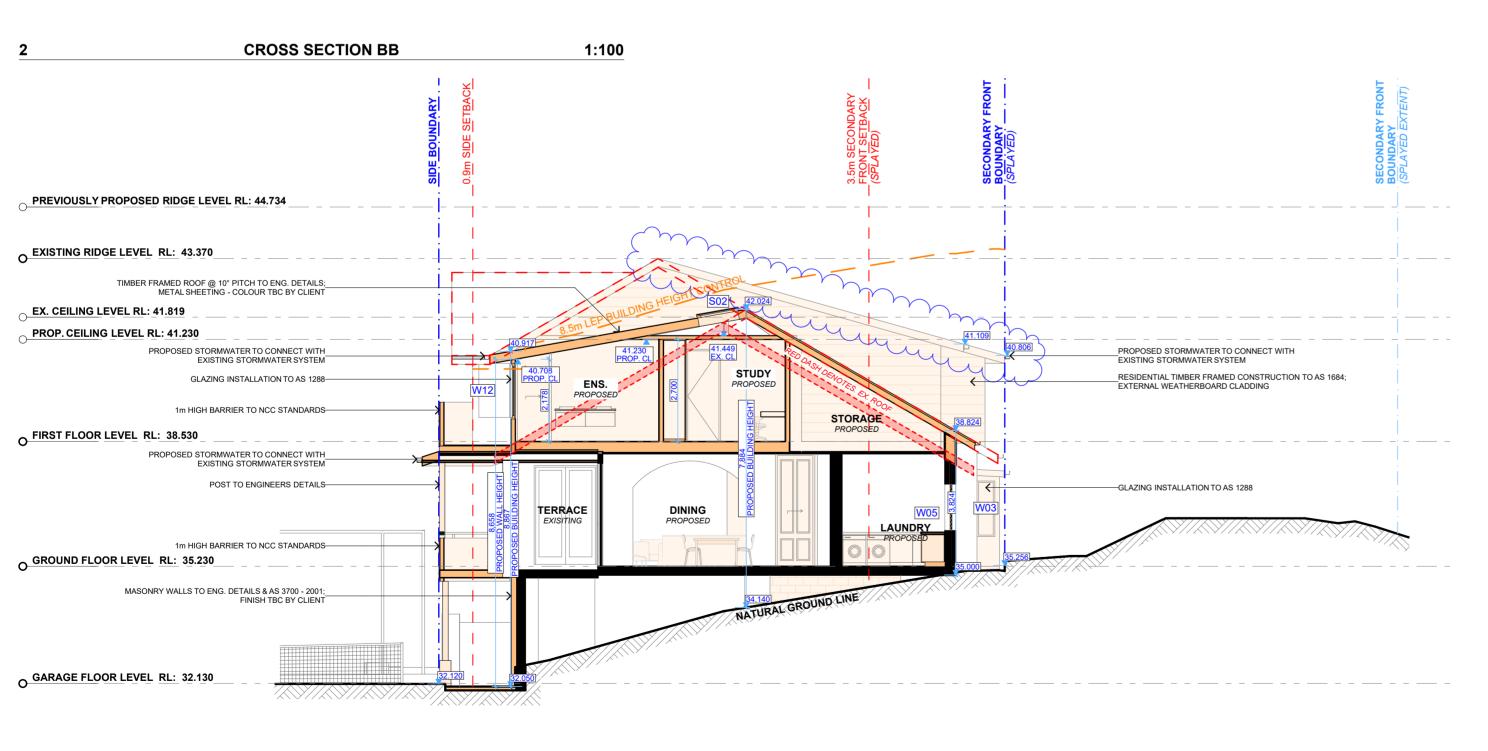
DRAWING NO. **DA12** 

DRAWING NAME SOUTH / WEST ELEVATION

PROJECT ADDRESS 2-4 KENT STREET COLLAROY NSW 2097

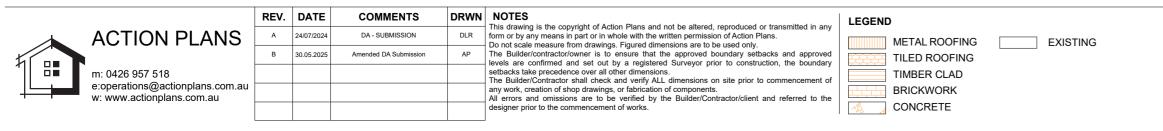
DATE Friday, 6 June 2025





**CROSS SECTION AA** 

1:100



-GLAZING INSTALLATION TO AS 1288

\_RESIDENTIAL TIMBER FRAMED CONSTRUCTION TO AS 1684; EXTERNAL WEATHERBOARD CLADDING -1m HIGH BARRIER TO NCC STANDARDS

PROPOSED STORMWATER TO CONNECT WITH EXISTING STORMWATER SYSTEM

-POST TO ENGINEERS DETAILS

1m HIGH BARRIER TO NCC STANDARDS

MASONRY WALLS TO ENG. DETAILS & AS 3700 - 2001; FINISH TBC BY CLIENT

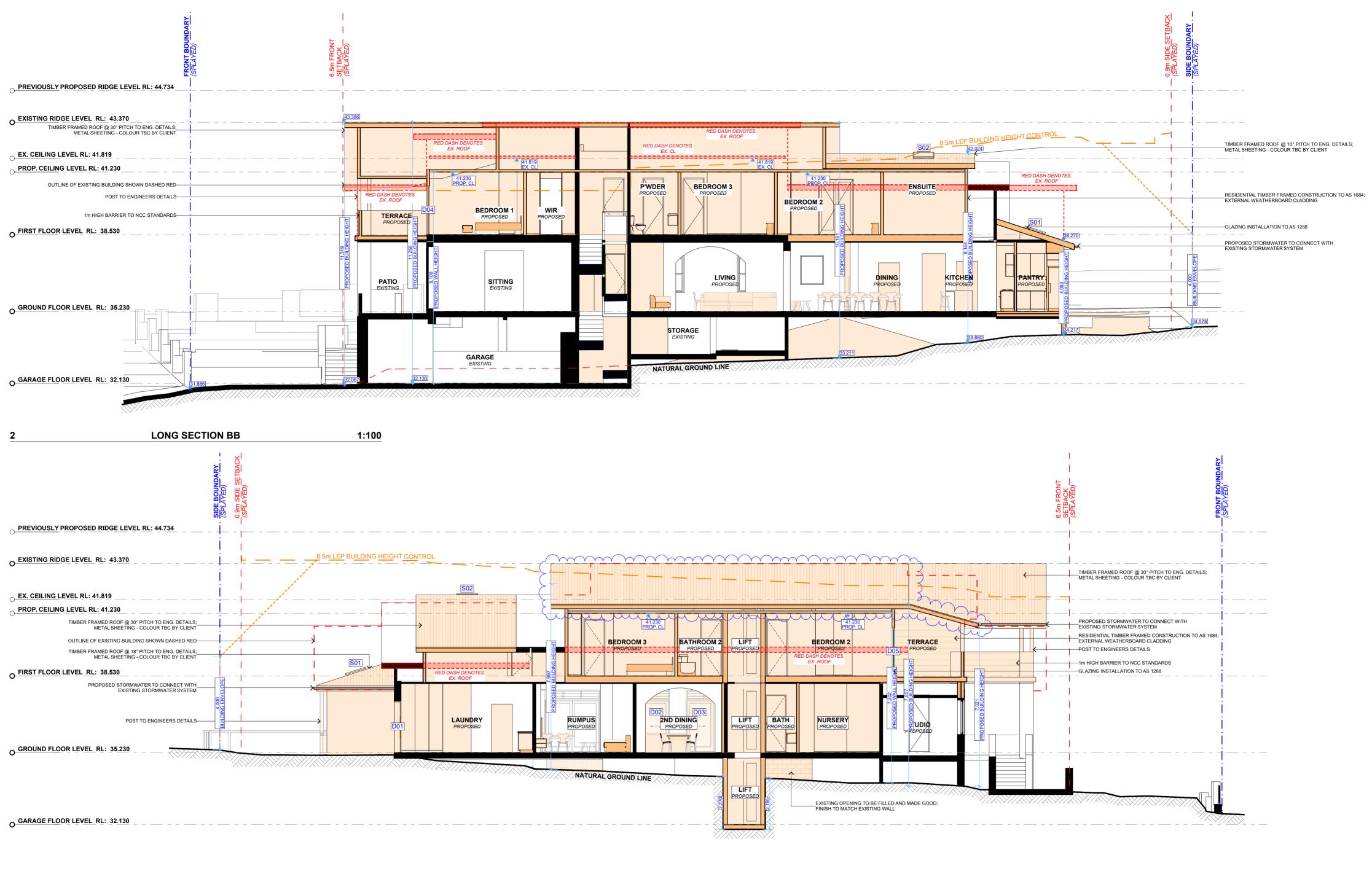
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DATE

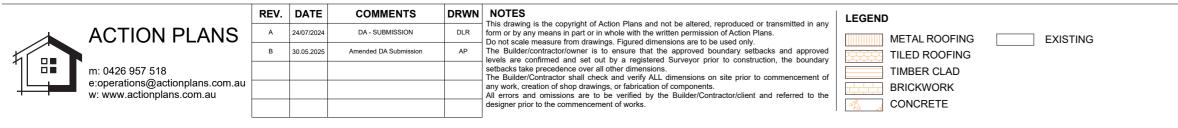
DRAWING NAME CROSS SECTION

PROJECT ADDRESS 2-4 KENT STREET COLLAROY NSW 2097 Friday, 6 June 2025



LONG SECTION AA

1:100



CLIENT MARK & BELINDA FARRELL

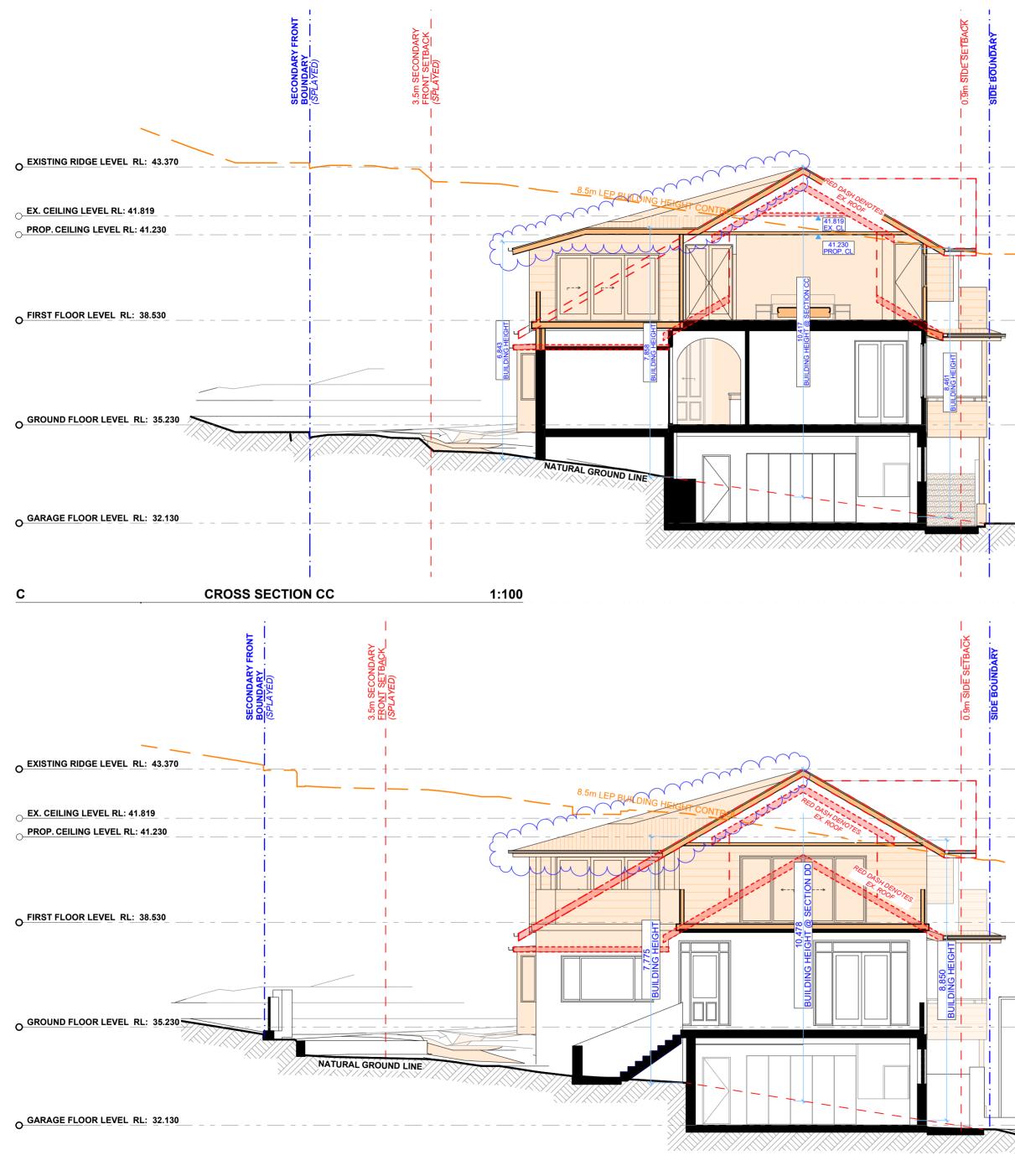
DRAWING NO. **DA14** 

DATE

DRAWING NAME LONG SECTION

PROJECT ADDRESS 2-4 KENT STREET COLLAROY NSW 2097

Friday, 6 June 2025



**CROSS SECTION DD** D

1:100

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 LEGEND **ACTION PLANS** A 24/07/2024 DA - SUBMISSION METAL ROOFING EXISTING B 30.05.2025 Amended DA Submission TILED ROOFING m: 0426 957 518 TIMBER CLAD e:operations@actionplans.com.au BRICKWORK w: www.actionplans.com.au 

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CLIENT MARK & BELINDA FARRELL

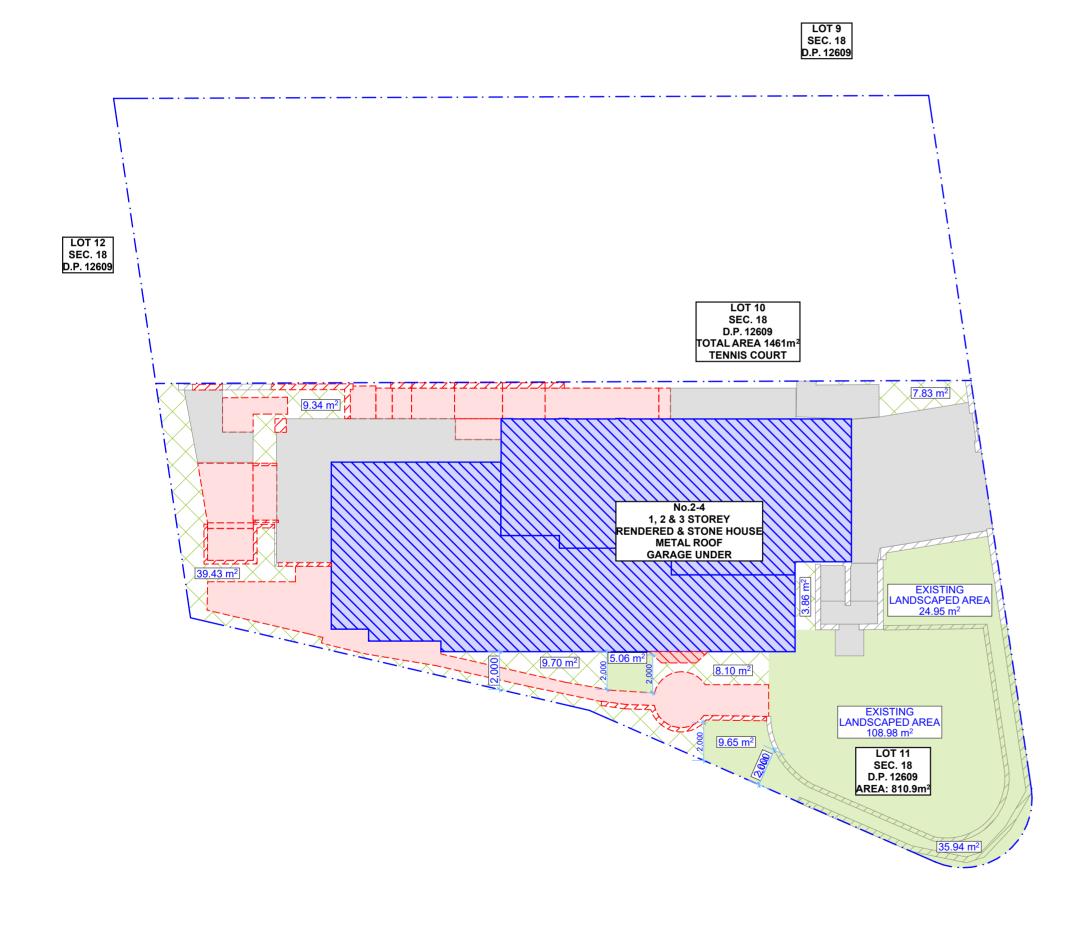
PROJECT ADDRESS

COLLAROY NSW 2097

2-4 KENT STREET

## DRAWING NO. DA15

DATE Friday, 6 June 2025 DRAWING NAME CROSS SECTION CC & DD

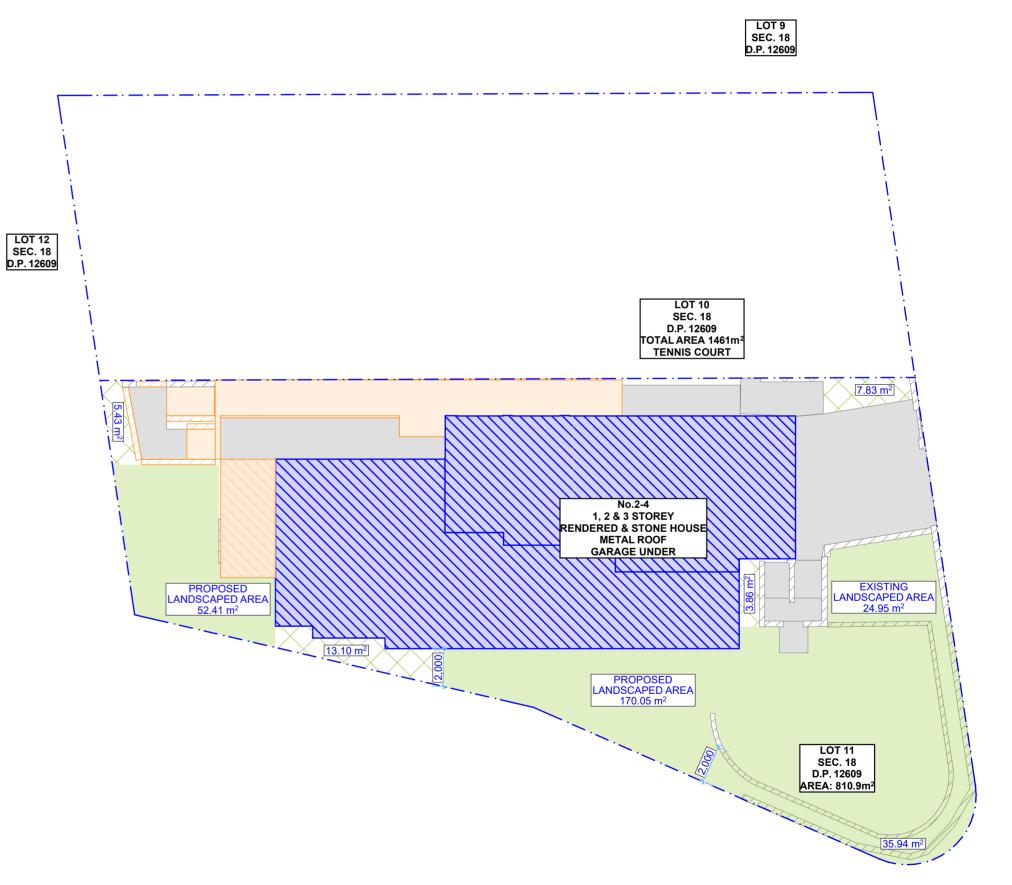


#### EXISTING LANDSCAPED AREA PLAN 1:200 2 REV. DATE COMMENTS DRWN NOTES LEGEND Not Tess This drawing is the copyright of Action Plans and not be altered, reproduced or transmitted in any form or by any means in part or in whole with the written permission of Action Plans. Do not scale measure from drawings. Figured dimensions are to be used only. The Builder/contractor/owner is to ensure that the approved boundary setbacks and approved levels are confirmed and set out by a registered Surveyor prior to construction, the boundary setbacks take precedence over all other dimensions. The Builder/Contractor shall check and verify ALL 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/client and referred to the designer prior to the commencement of works. ACTION PLANS A 24/07/2024 DA - SUBMISSION DLR B 30.05.2025 Amended DA Submission AP m: 0426 957 518 e:operations@actionplans.com.au

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	CON	ITROL TABLE	
SITE AREA 810.9m <sup>2</sup>			
	REQUIRED	EXISTING	PROPOSED
LANDSCAPED AREA	40% (324.36m <sup>2</sup> )	22.76% (184.58m <sup>2</sup> )	34.94% (283.34m <sup>2</sup> )
LANDSCAPED AREA LESS THAN 2m <sup>2</sup>	40% (324.36m²)	32.41% (262.84m <sup>2</sup> )	38.67% (313.64m <sup>2</sup> )
PRIVATE OPEN SPACE AREA	60m <sup>2</sup>	60m <sup>2</sup>	60m <sup>2</sup>



## PROPOSED LANDSCAPED AREA PLAN

1:200

CLIENT MARK & BELINDA FARRELL

## DRAWING NO.

**DA16** 

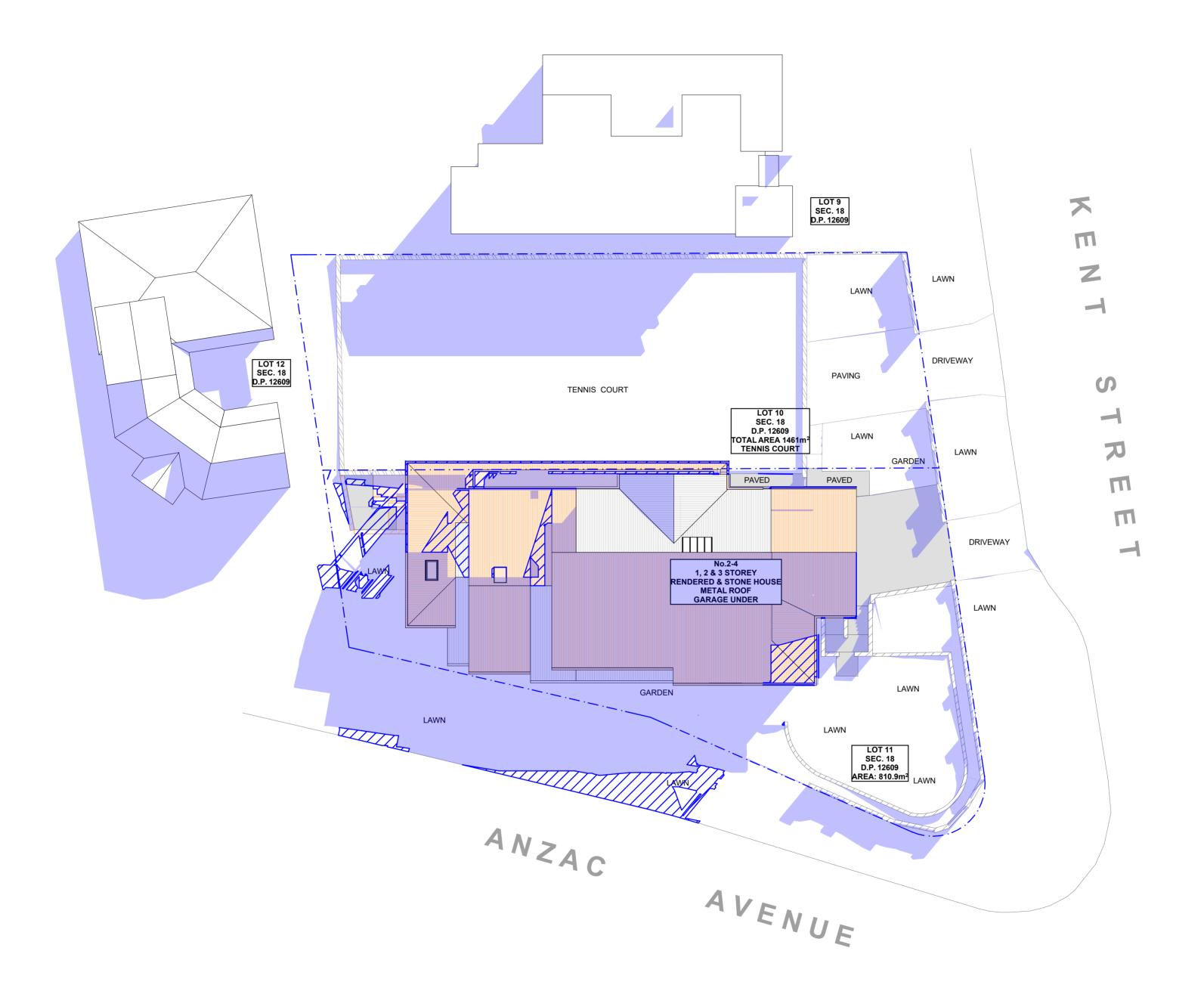
DRAWING NAME AREA CALCULATIONS

SCALE

1:200 @A2



PROJECT ADDRESS 2-4 KENT STREET COLLAROY NSW 2097 DATE Friday, 6 June 2025



### WINTER SOLSTICE 9AM

REV. DATE

A 24/07/2024

COMMENTS

DA - SUBMISSION

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1:200



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## 

LEGEND	
	EXISTING SHADOWS
	PROPOSED SHADOWS
	NEIGHBOURING SHADOWS

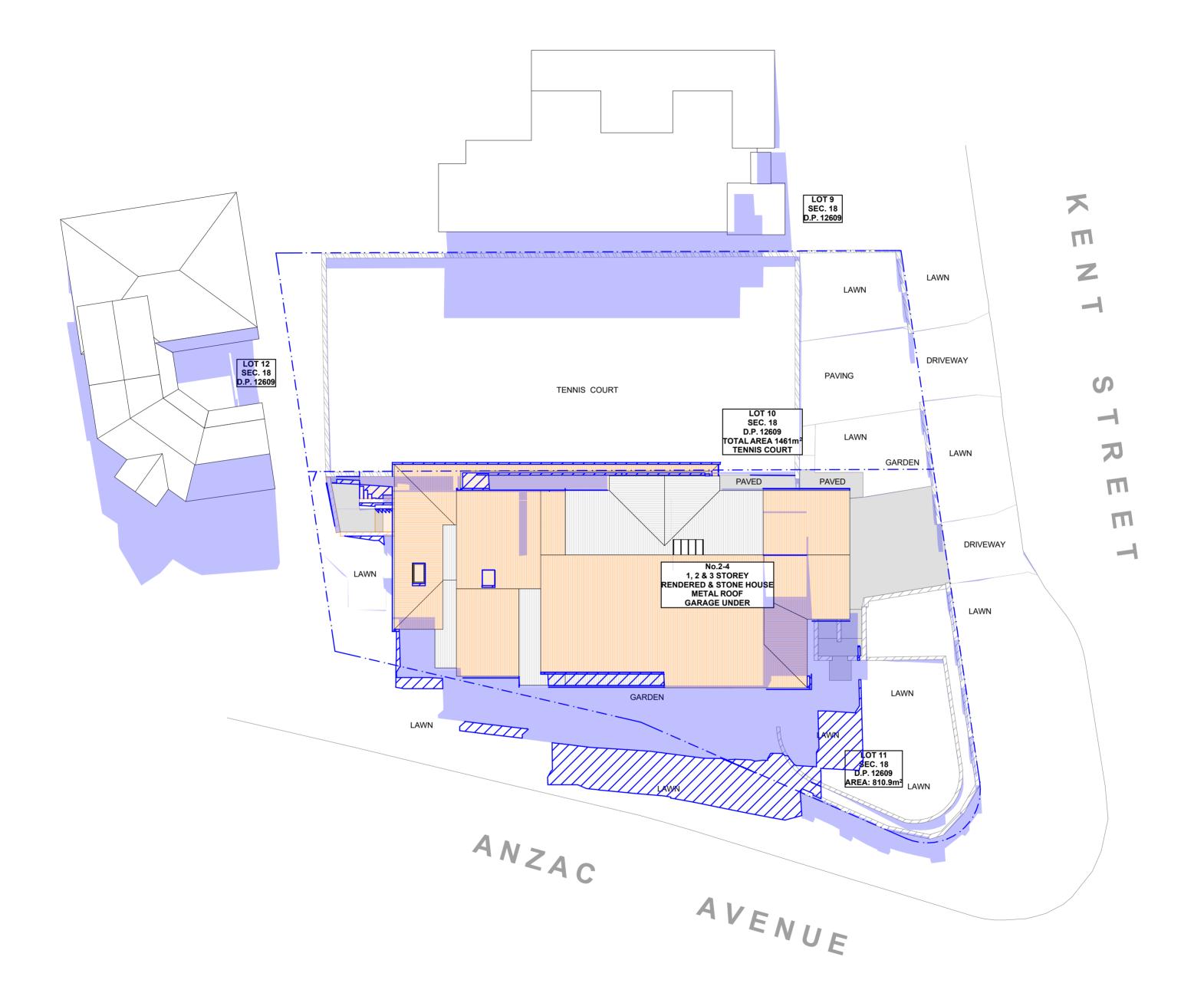
CLIENT MARK & BELINDA FARRELL

DRAWING NO. DA17

DRAWING NAME WINTER SOLSTICE 9 AM



PROJECT ADDRESS 2-4 KENT STREET COLLAROY NSW 2097 DATE Friday, 6 June 2025



WINTER SOLSTICE 12PM

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LEGEND	
	EXISTING SHADOWS
	PROPOSED SHADOWS
	NEIGHBOURING SHADOWS

CLIENT MARK & BELINDA FARRELL

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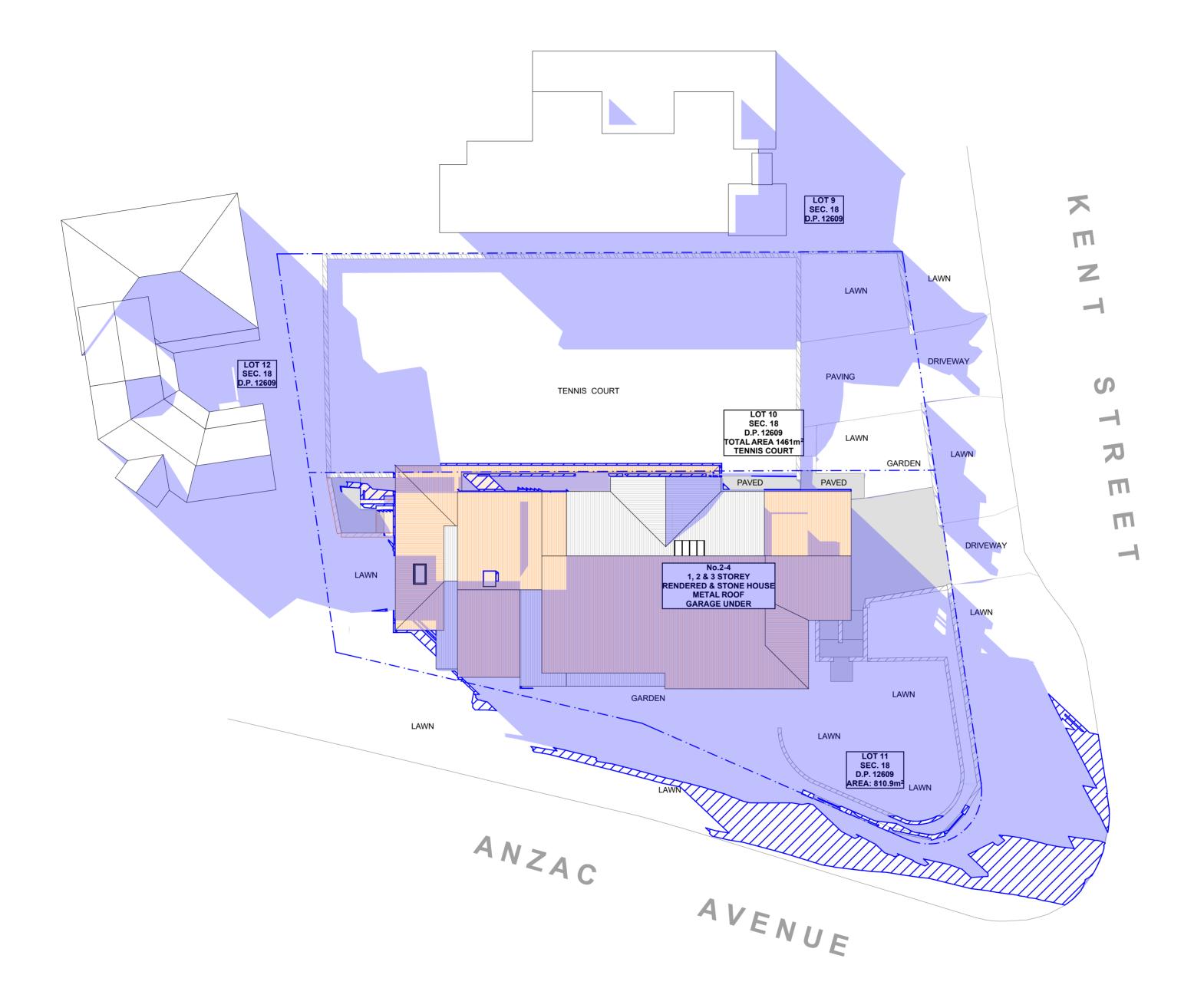
DATE Friday, 6 June 2025 DRAWING NAME WINTER SOLSTICE 12 PM

SCALE

1:200 @A2



PROJECT ADDRESS 2-4 KENT STREET COLLAROY NSW 2097



### WINTER SOLSTICE 3PM

REV. DATE

A 24/07/2024

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## LEGEND

EXISTING SHADOWS PROPOSED SHADOWS NEIGHBOURING SHADOWS CLIENT MARK & BELINDA FARRELL

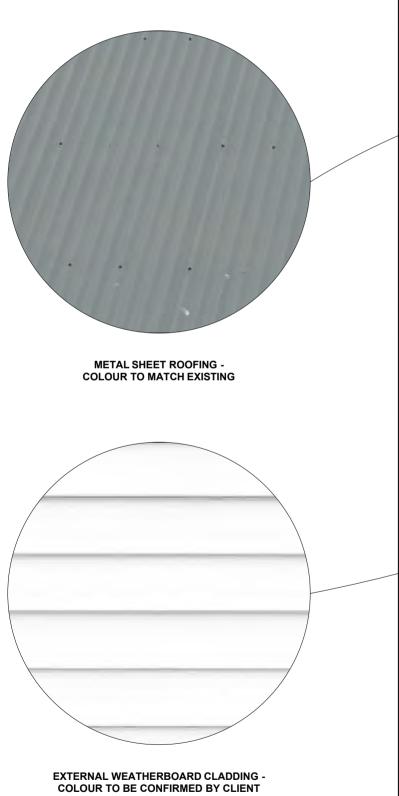
DRAWING NO. DA19

DRAWING NAME WINTER SOLSTICE 3 PM

SCALE 1:200 @A2

PROJECT ADDRESS 2-4 KENT STREET COLLAROY NSW 2097

DATE Friday, 6 June 2025







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## CLIENT MARK & BELINDA FARRELL

## DRAWING NO. **DA20**

Friday, 6 June 2025

DATE

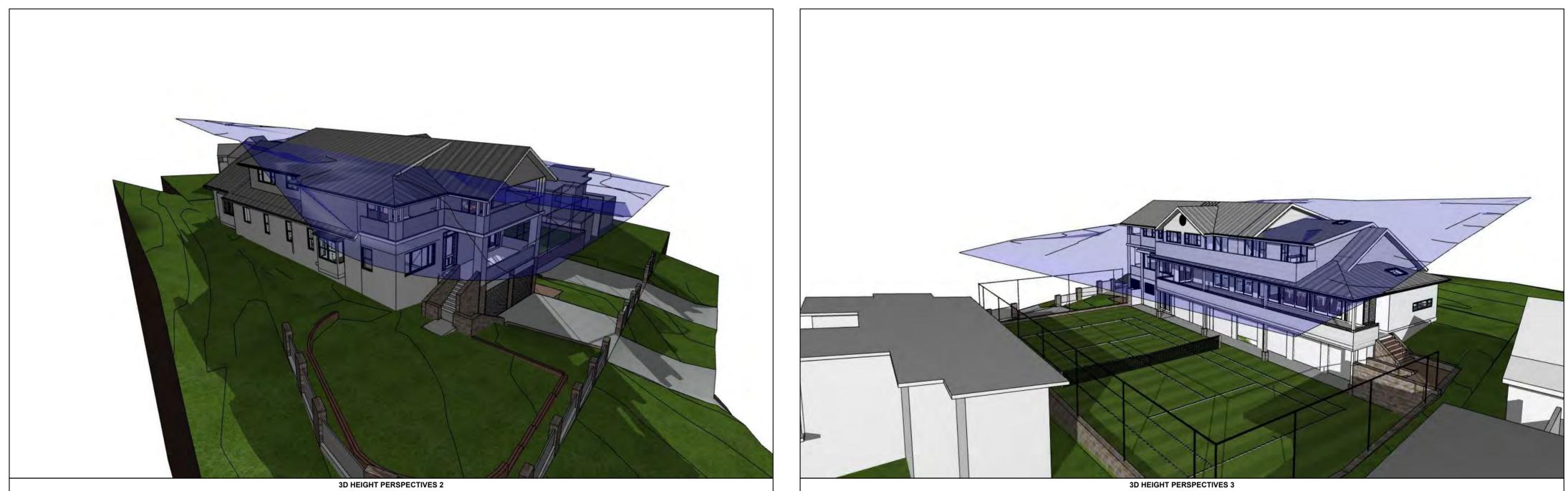
DRAWING NAME SAMPLE BOARD

SCALE 1:1.21 @A2



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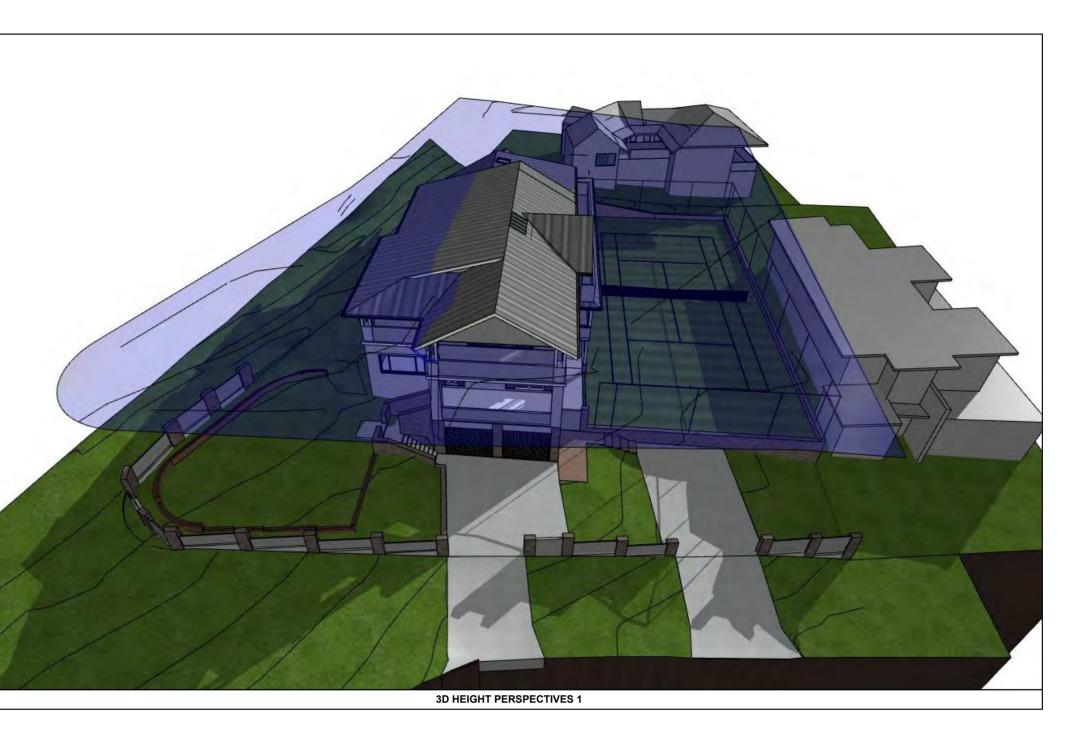
REV. DATE

24/07/2024

30.05.2025

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LEGEND



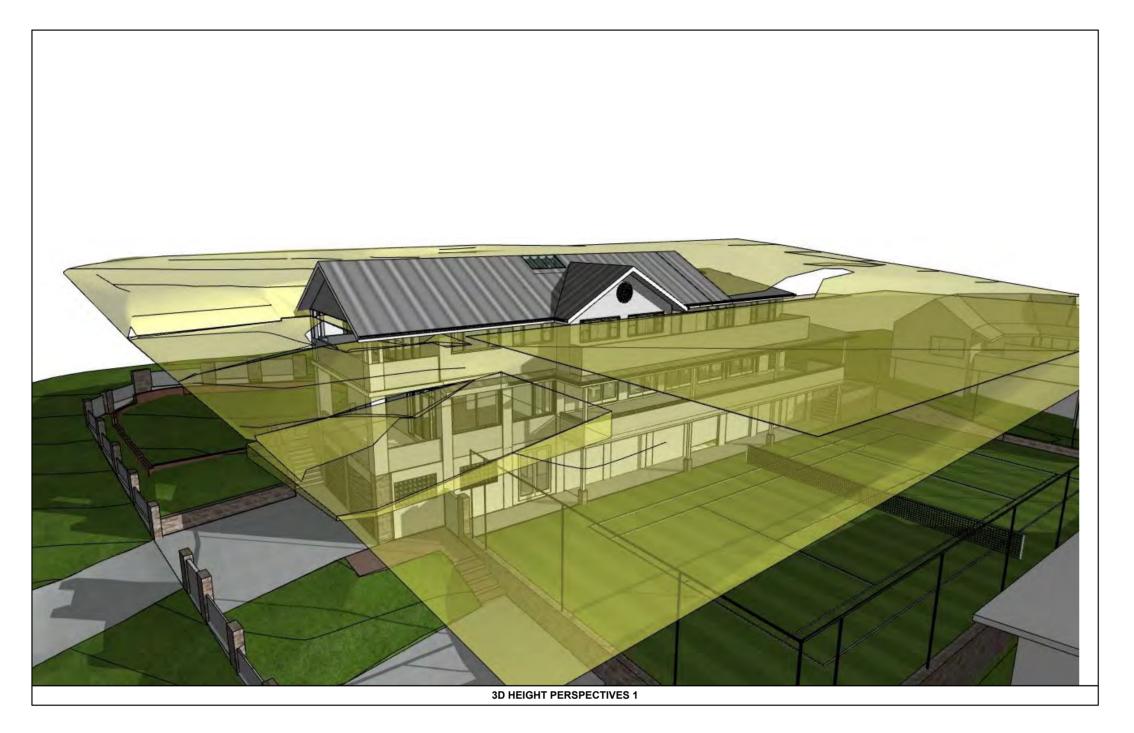
CLIENT MARK & BELINDA FARRELL DRAWING NO. **DA21** 

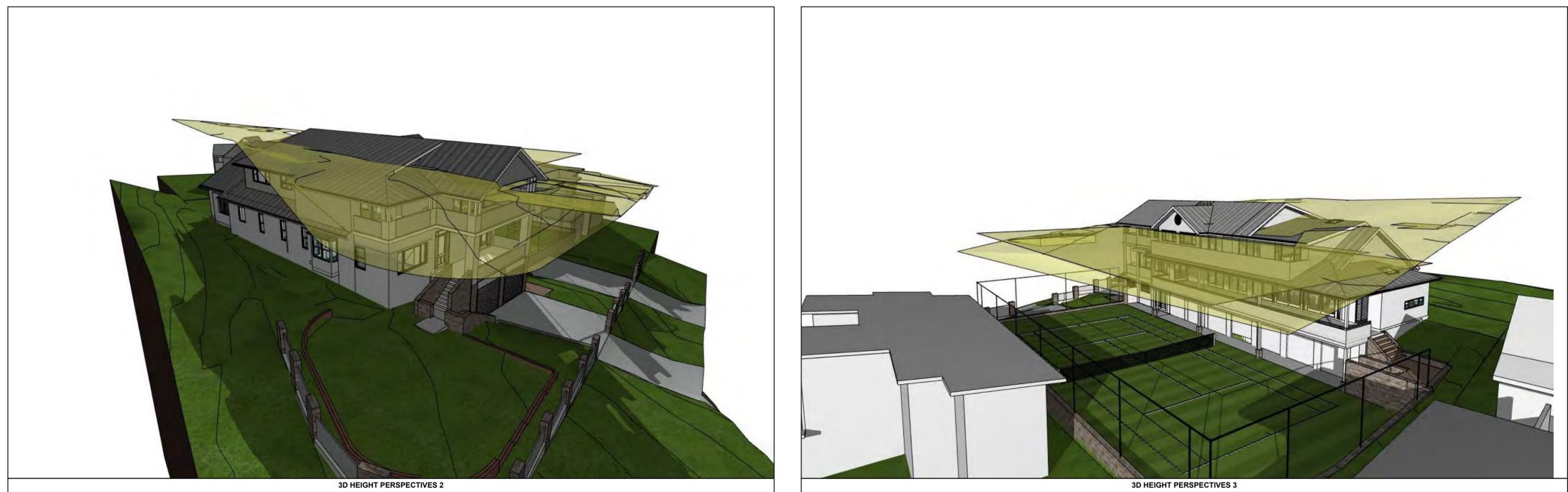
DRAWING NAME HEIGHT BLANKET (PROPOSED)

SCALE

@A2

PROJECT ADDRESS 2-4 KENT STREET COLLAROY NSW 2097 DATE Friday, 6 June 2025







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#### REV. DATE COMMENTS A 24/07/2024 DA - SUBMISSION

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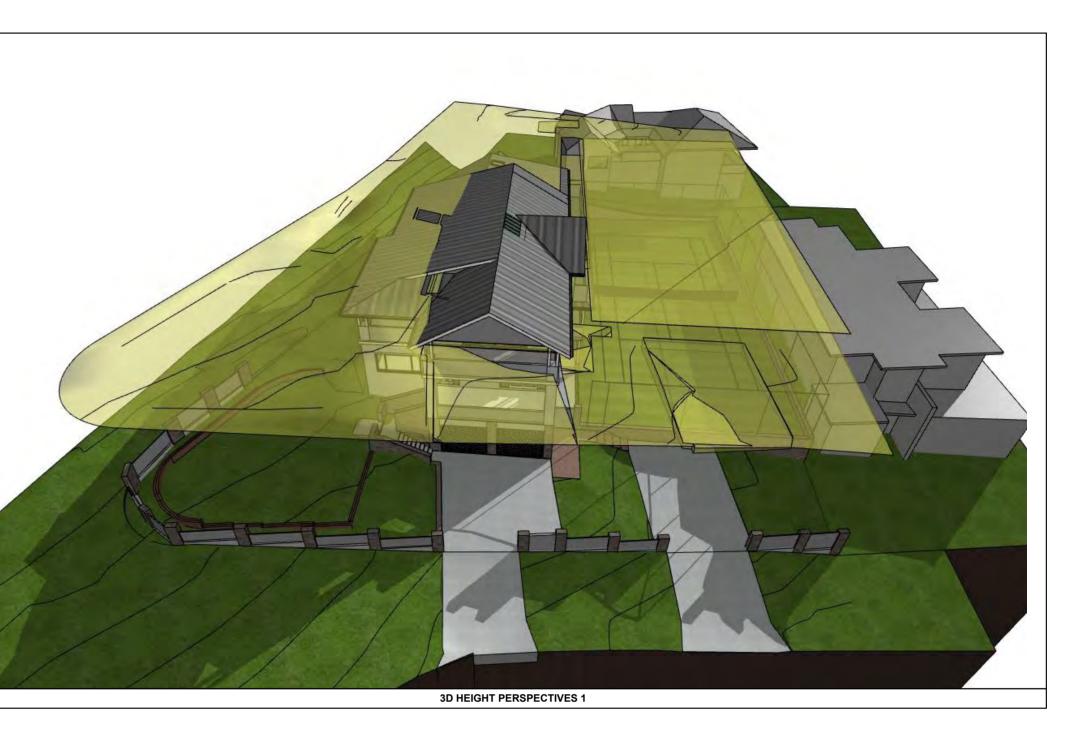
B 30.05.2025

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LEGEND



CLIENT MARK & BELINDA FARRELL

PROJECT ADDRESS

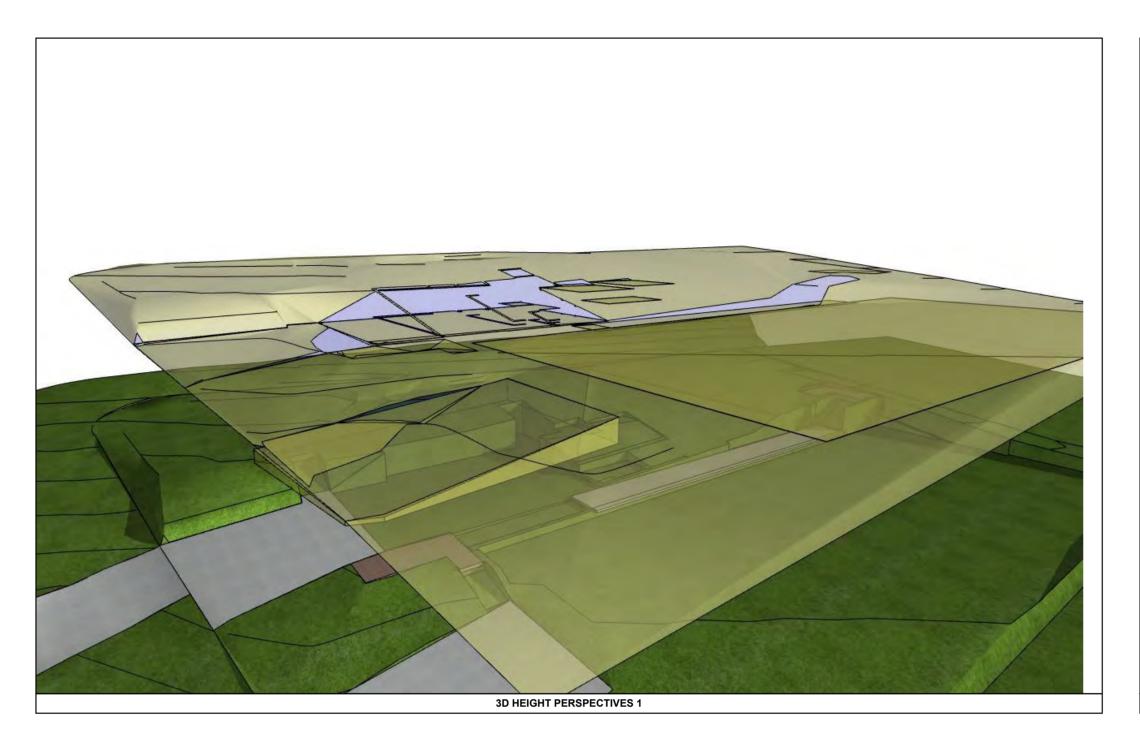
2-4 KENT STREET COLLAROY NSW 2097

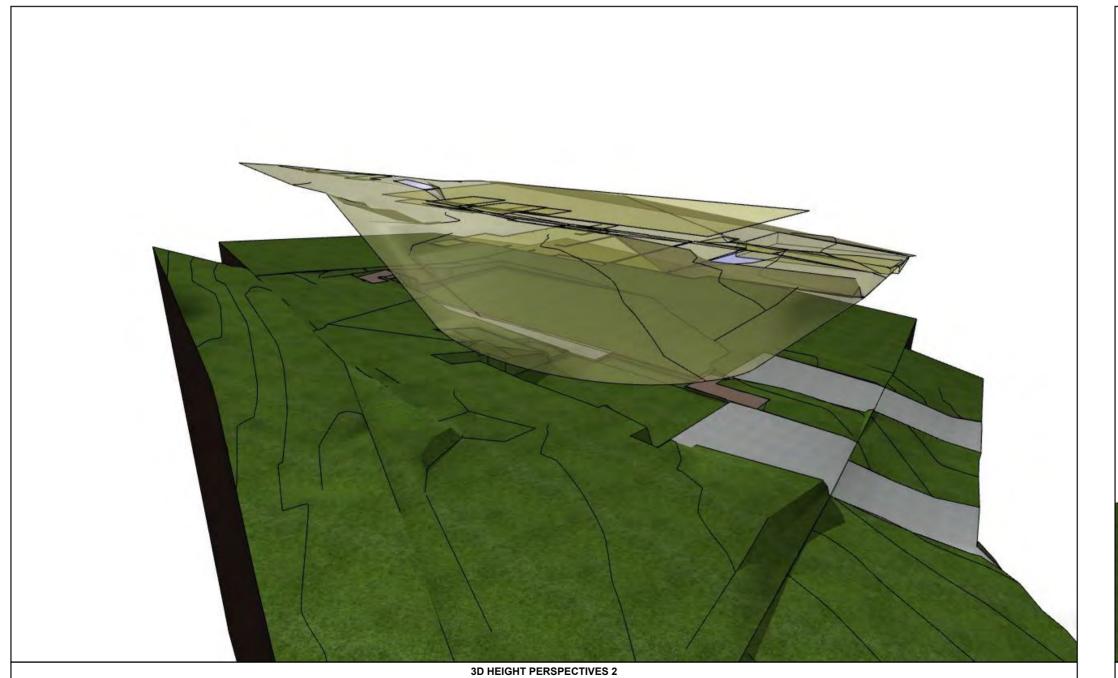
DRAWING NO. **DA22** 

DATE Friday, 6 June 2025

DRAWING NAME HEIGHT BLANKET (PROPOSED) (FROM LOWER GROUND LEVEL)) SCALE @A2







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#### REV. DATE COMMENTS 24/07/2024 DA - SUBMISSION 30.05.2025 Amended DA Submission

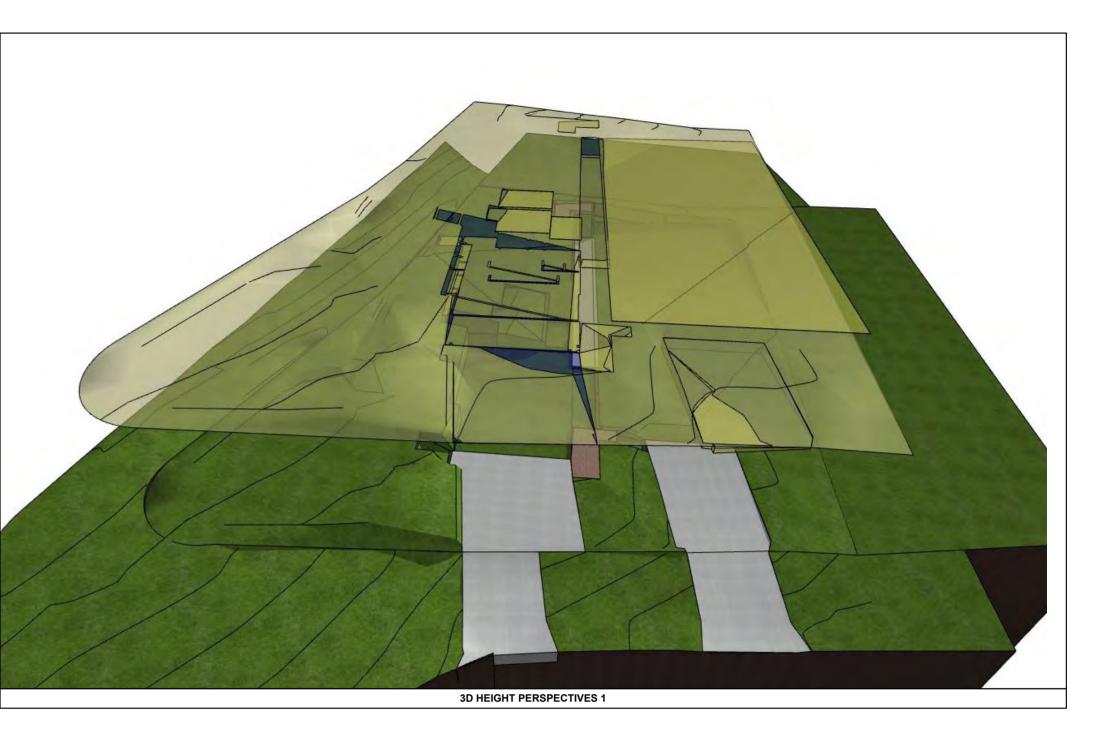
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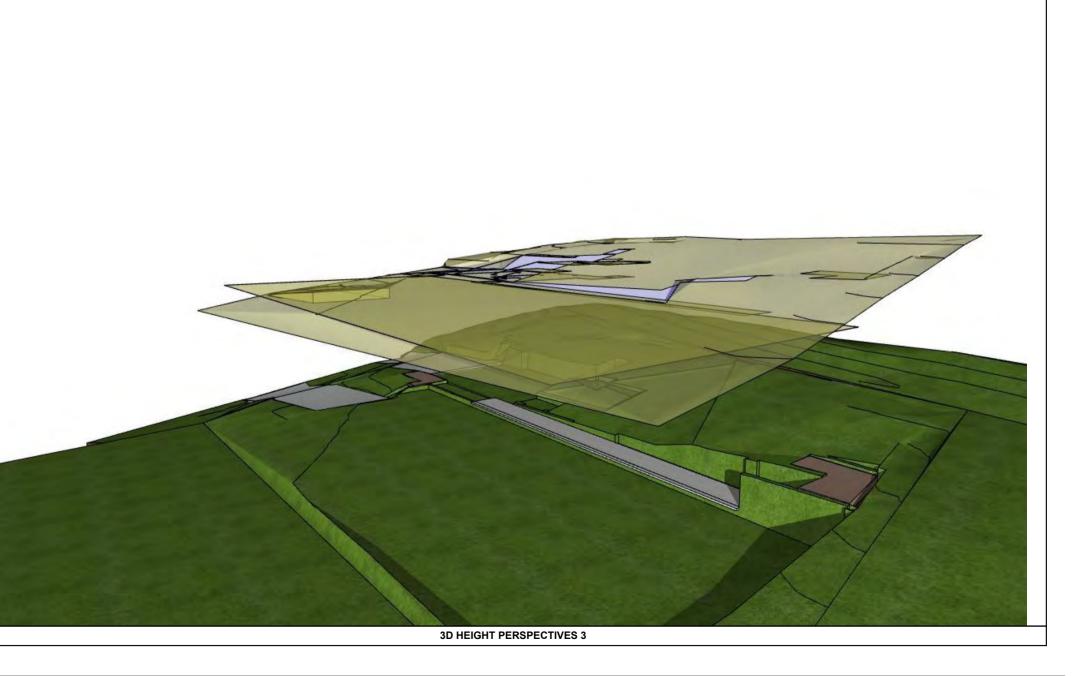
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 AP
 The Builder/contractor/owner is to ensure that the approved boundary setbacks and approved levels are confirmed and set out by a registered Surveyor prior to construction, the boundary setbacks take precedence over all other dimensions. The Builder/Contractor shall check and verify ALL 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/client and referred to the designer prior to the commencement of works.

LEGEND





CLIENT MARK & BELINDA FARRELL

PROJECT ADDRESS

2-4 KENT STREET COLLAROY NSW 2097

DRAWING NO. **DA23** 

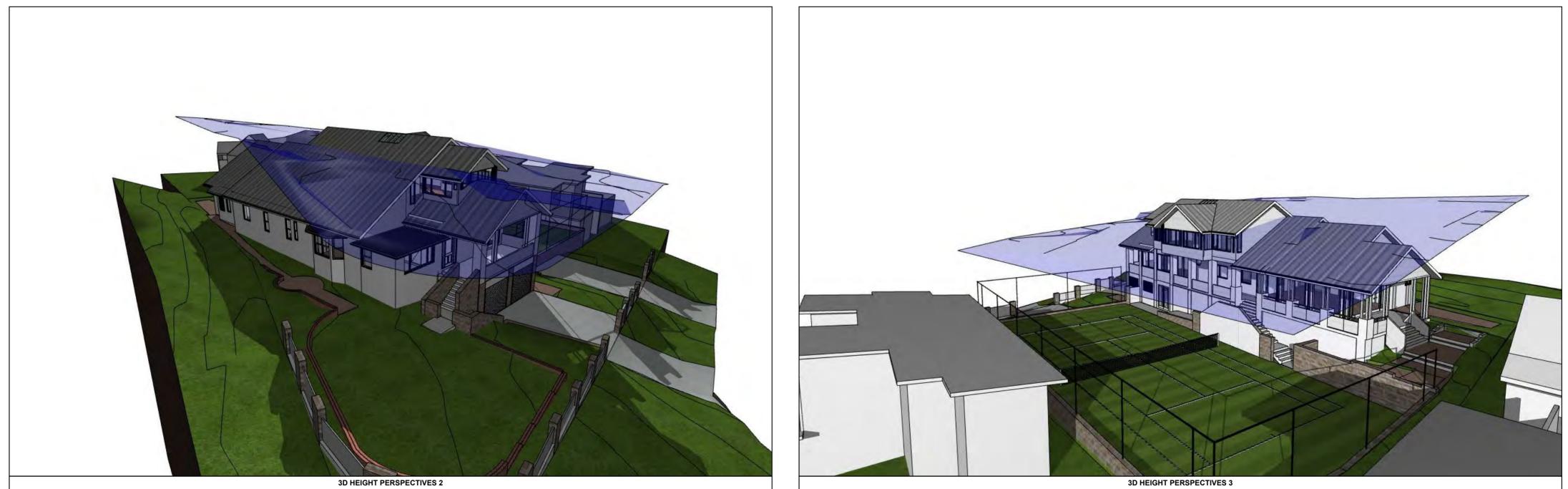
DATE

Friday, 6 June 2025

DRAWING NAME HEIGHT BLANKET (PROPOSED) (FROM LOWER GROUND LEVEL)) SCALE @A2









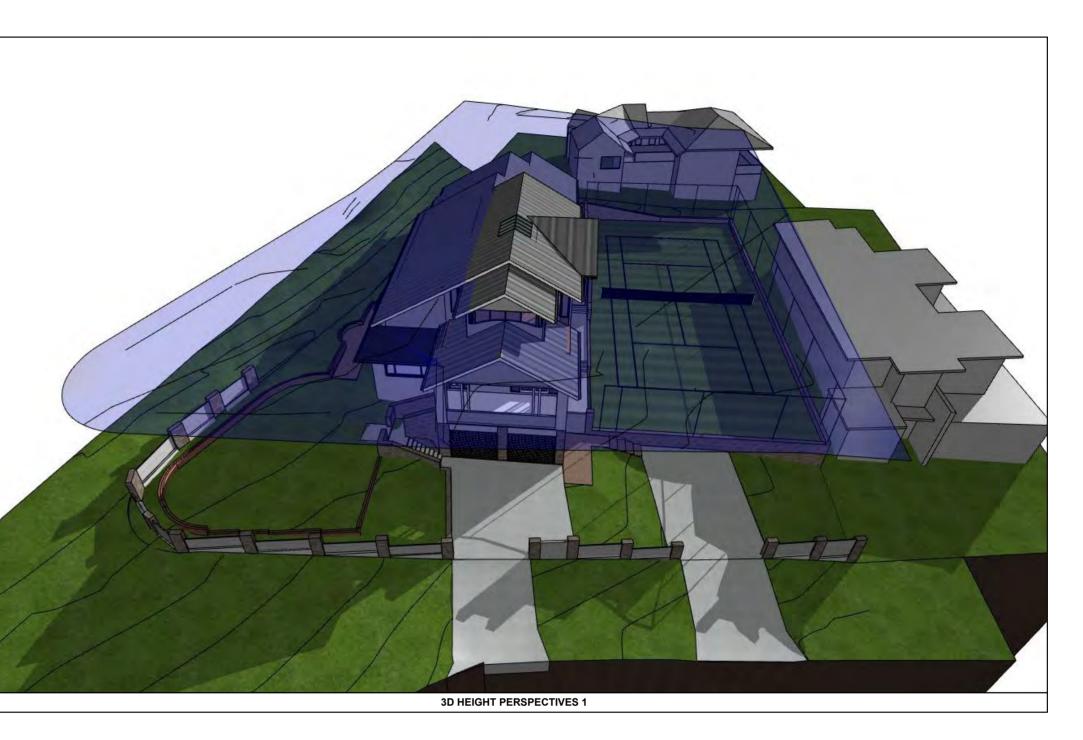
ACTION PLANS
m: 0426 957 518 e:operations@actionplans.com.au w: www.actionplans.com.au

#### REV. DATE COMMENTS A 24/07/2024 DA - SUBMISSION B 30.05.2025 Amended DA Submission

 DRWN
 NOTES

 DLR
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LEGEND



CLIENT MARK & BELINDA FARRELL

DRAWING NO. **DA24** 

DRAWING NAME

SCALE

@A2

HEIGHT BLANKET (EXISTING)

PROJECT ADDRESS 2-4 KENT STREET COLLAROY NSW 2097 DATE Friday, 6 June 2025

## **BASIX** Certificate

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

Alterations and Additions

Certificate number: A1755963

NSW

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 Definitions" dated 10/09/2020 published by the Department. This document is available at where the provide the set of the s www.basix.nsw.gov.au

Secretary Date of issue: Tuesday, 16 July 2024 To be valid, this certificate must be lodged within 3 months of the date of issue.

Project address	
Project name	DA_2-4 KENT ST, COLLAROY 2097
Street address	2 KENT Street COLLAROY 2097
Local Government Area	Northern Beaches Council
Plan type and number	Deposited Plan DP12609
Lot number	10
Section number	18
Project type	
Dwelling type	Dwelling house (detached)
Type of alteration and addition	The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa).
N/A	N/A
Certificate Prepared by (please	complete before submitting to Council or PCA)
Name / Company Name: ACTION PLAN	IS PTY LTD
ABN (if applicable): 55660046711	

#### Show onShow on CC/CDCCertifierDA PlansPlans & specsCheck Fixtures and systems Hot water The applicant must install the following hot water system in the development: gas instantaneous. Image: A set of the **~** ~ 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. ~ Image: A set of the 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					
listed in the table below, except that a) addit	red construction (floor(s), walls, and ceilings/ ional insulation is not required where the area of altered construction where insulation alrea	a of new construction is less than 2m2, b)	~	~	~
Construction	Additional insulation required (R- value)	Other specifications			
concrete slab on ground floor.	nil	N/A			
suspended floor with enclosed subfloor: framed (R0.7).	R0.60 (down) (or R1.30 including construction)	N/A			
floor above existing dwelling or building.	nil	N/A			
external wall: framed (weatherboard, fibro, metal clad)	R1.30 (or R1.70 including construction)				
external wall: brick veneer	R1.16 (or R1.70 including construction)				
external wall: cavity brick	nil				
flat ceiling, pitched roof	ceiling: R0.70 (up), roof: foil backed blanket (75 mm)	light (solar absorptance < 0.475)			
raked ceiling, pitched/skillion roof: framed	ceiling: R1.74 (up), roof: foil backed blanket (75 mm)	medium (solar absorptance 0.475 - 0.70)			
flat ceiling, flat roof: framed	ceiling: R1.58 (up), roof: foil backed blanket (75 mm)	medium (solar absorptance 0.475 - 0.70)			

Glazing requirements	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
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 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.		~	~
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.	~	~	~
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.		~	~

ing requir							Show on CC/CDC Plans & specs	Certifier Check
-	zed doors glazing							
Vindow/door humber V01	Orientation	Area of glass including frame (m2) 0.69	Overshadowing height (m) 0	g Overshadowing distance (m) 0	Shading device none	Frame and glass type standard aluminium,		
W02	S	2.7	0	0	none	single clear, (or U-value: 7.63, SHGC: 0.75) standard aluminium,		
W03	w	0.69	0	0	none	single clear, (or U-value: 7.63, SHGC: 0.75) timber or		
						uPVC, double Lo-Tsol/air gap/clear, (U-value: 2.3, SHGC: 0.19)		
W04	S	1.01	0	0	eave/ verandah/ pergola/balcony >=600 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)		
W05	S	2.93	0	0	eave/ verandah/ pergola/balcony >=600 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)		
W06	W	1.57	0	0	eave/ verandah/ pergola/balcony >=600 mm	standard aluminium, single pyrolytic low-e, (U- value: 5.7,		
W07	N	2.45	0	0	eave/ verandah/ pergola/balcony	SHGC: 0.47) standard aluminium, single clear, (or		
W08	N	1.01	0	0	>=900 mm eave/ verandah/ pergola/balcony	U-value: 7.63, SHGC: 0.75) standard aluminium, single clear, (or		
W09	N	1.01	0	0	>=900 mm eave/ verandah/ pergola/balcony	U-value: 7.63, SHGC: 0.75) standard aluminium, single clear, (or		
W10	S	1.83	0	0	>=900 mm eave/ verandah/	U-value: 7.63, SHGC: 0.75) standard aluminium,		
W11	S	2.99	0	0	pergola/balcony >=750 mm eave/	single clear, (or U-value: 7.63, SHGC: 0.75) standard		
W12	N	3.58	0	0	verandah/ pergola/balcony >=750 mm	aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)		
W12	N	3.58	0	0	eave/ verandah/ pergola/balcony >=600 mm	standard aluminium, single pyrolytic low-e, (U- value: 5.7, SHGC: 0.47)		
W13	N	2.19	0	0	eave/ verandah/ pergola/balcony >=600 mm	standard aluminium, single pyrolytic low-e, (U- value: 5.7,		
W14	N	1.32	0	0	eave/ verandah/ pergola/balcony >=600 mm	low-e, (U- value: 5.7,		
W15	N	2.59	0	0	eave/ verandah/ pergola/balcony >=450 mm	SHGC: 0.47) standard aluminium, single pyrolytic low-e, (U- value: 5.7,		
W16	N	2.59	0	0	eave/ verandah/ pergola/balcony >=450 mm	SHGC: 0.47) standard aluminium, single pyrolytic low-e, (U-		
W17	N	2.38	0	0	eave/ verandah/ pergola/balcony	value: 5.7, SHGC: 0.47) standard aluminium, single pyrolytic		
W18	N	2.59	0	0	>=600 mm eave/ verandah/	low-e, (U- value: 5.7, SHGC: 0.47) standard aluminium,		
					pergola/balcony >=600 mm	single pyrolytic low-e, (U- value: 5.7, SHGC: 0.47)		
D01	w	1.87	0	0	eave/ verandah/ pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U- value: 5.7, SHCC: 0.47)		
D02	N	5.16	0	0	eave/ verandah/ pergola/balcony	SHGC: 0.47) standard aluminium, single clear, (or		

# 

REV. DATE ACTION PLANS A 24/07/2024 B 30.05.2025

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DRWN NOTES DLR

AP

COMMENTS

DA - SUBMISSION

Amended DA Submission

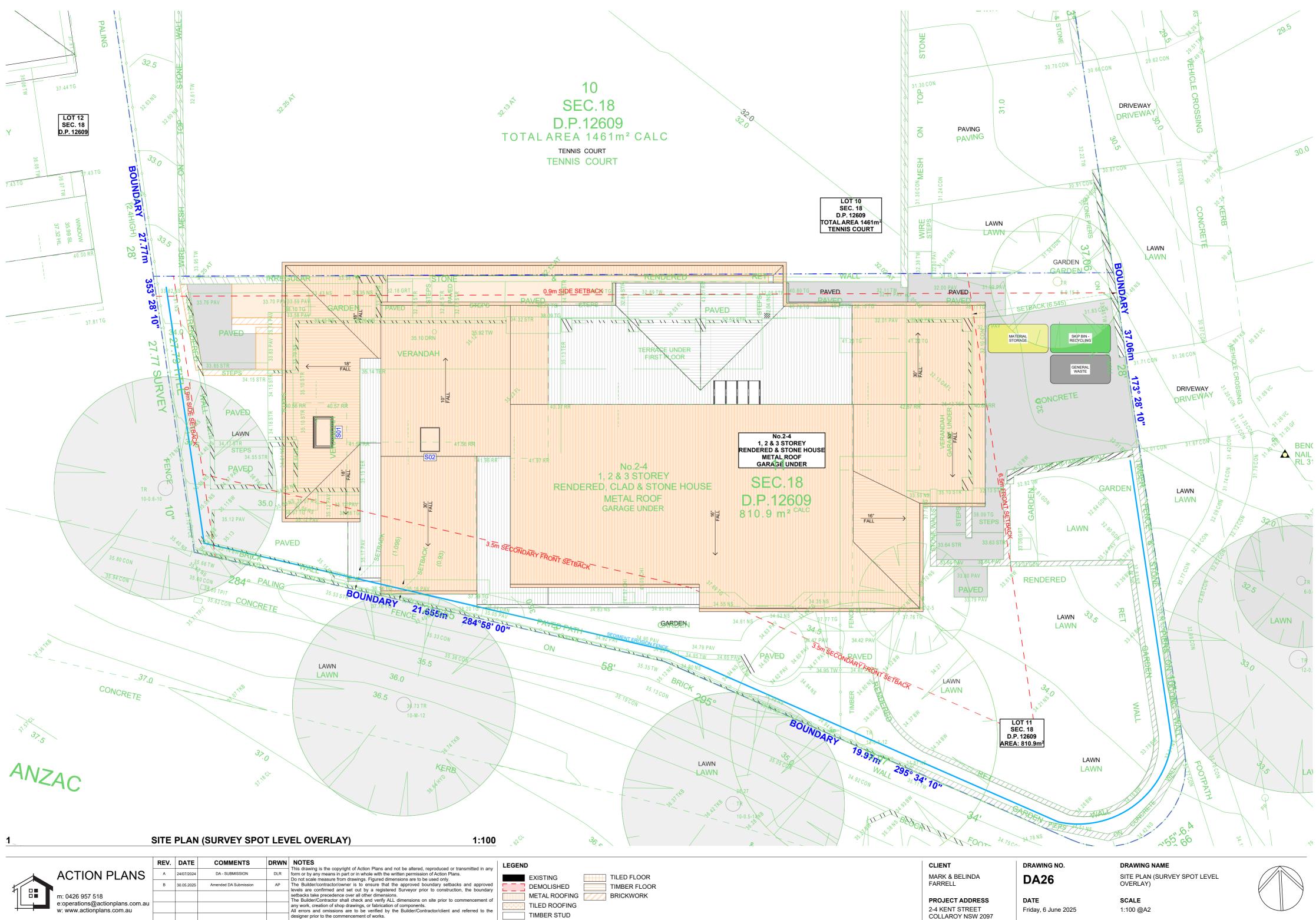
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LEGEND

CLIENT MARK & BELINDA FARRELL DRAWING NO. DA25

DRAWING NAME BASIX COMMITMENTS

PROJECT ADDRESS 2-4 KENT STREET COLLAROY NSW 2097 DATE Friday, 6 June 2025 SCALE 1:1.54 @A2



COLLAROY NSW 2097