54 Streatfield Road, Bellevue Hill

DEVELOPMENT APPLICATION

BUILDING AND CONSTRUCTION OF A NEW DWELLING HOUSE, SWIMMING POOL AND LANDSCAPE



DEVELOPMENT APPLICATION 19/05/2023 ADDITIONAL INFORMATION 15/06/2023

PROJECT: NEW DWELLING DRAWING TITLE: AMENDED EXHAUST VENTILATION LEVEL COVER PAGE AMENDED PRIVACY SCREEN ADDED

PROJECT ADDRESS:

54 STREATFIELD, BELLEVUE HILL,

DRAWING NUMBER: PROJECT NUMBER: 23 - 021

SCALE:

LEGEND:



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

Single Dwelling

Certificate number: 1391254S

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the imitments 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 www.basix.nsw.gov.au

Secretary
Date of issue: Friday, 19 May 2023
To be valid, this certificate must be lodged within 3 months of the date of issue.



Simulation Method

which were used to calculate those specifications.

floor - concrete slab on ground

floor - suspended floor/open subfloor

floor - suspended floor above garage

Project summary			
Project name	54 Streatfield Rd M	54 Streatfield Rd MN37	
Street address	54 Streatfield Road	54 Streatfield Road Bellevue Hill 2023	
Local Government Area	Woollahra Municipa	Woollahra Municipal Council	
Plan type and plan number	strata 8639	strata 8639	
Lot no.	54	54	
Section no.	-	-	
Project type	separate dwelling h	separate dwelling house	
No. of bedrooms	5	5	
Project score			
Water	✓ 40	Target 40	
Thermal Comfort	✓ Pass	Target Pass	
Energy	✓ 52	Target 50	

Certificate Prepared by
Name / Company Name: Gradwell Consulting
ABN (if applicable): 68 872 791 784

BASIX Planning, Industry & Environment www.basix.nsw.gov.au Version: 3.0 / DARWINIA_3_20_0 Certificate No.: 1391254S Friday, 19 May 2023

The applicant must attach the certificate referred to under "Assessor Details" on the front page of this BASIX certificate (the "Assessor

Certificate") to the development application and construction certificate application for the proposed development (or, if the applicant is applying for a complying development certificate for the proposed development, to that application). The applicant must also attach the

The applicant must show on the plans accompanying the development application for the proposed development, all matters which the Assessor Certificate requires to be shown on those plans. Those plans must bear a stamp of endorsement from the Accredited

The applicant must construct the development in accordance with all thermal performance specifications set out in the Assessor Certificate, and in accordance with those aspects of the development application or application for a complying development certificate

Where there is an in-slab heating or cooling system, the applicant must install insulation with an R-value of not less than 1.0 around the

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The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.

The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX certificate, including the Cooling and Heating loads shown on the front page of this certificate.

Assessor to certify that this is the case. The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), all thermal performance specifications set out in the Assessor Certificate, and all aspects of the proposed development which were used to calculate those specifications.

The applicant must show on the plans accompanying the development application for the proposed development, the locations of ceiling fans set out in the Assessor Certificate. The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), the locations of ceiling fans set out in the Assessor Certificate.

The applicant must construct the floors and walls of the dwelling in accordance with the specifications listed in the table below.

Assessor Certificate to the application for an occupation certificate for the proposed development.

vertical edges of the perimeter of the slab, and underneath the slab if it is a suspended floor.

70.0 square metres

All or part of floor area

3.0 square metres

Show on DA plans Show on CC/CDC Certifier check

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BASIX Planning, Industry & Environment www.basix.nsw.gov.au Version: 3.0 / DARWINIA_3_20_0 Certificate No.: 1391254S Friday, 19 May 2023

Description of project

54 Streatfield Rd MN37

separate dwelling house

Strata Plan 8639

Woollahra Municipal Council

54 Streatfield Road Bellevue Hill 2023

Project address

Local Government Area

Plan type and plan number

Street address

Lot no.

Section no.

Project type

Site area (m²)

Roof area (m²)

Hot water

Heating system

light emitting diode (LED) lamps:

the kitchen; dedicated

Conditioned floor area (m2) Unconditioned floor area (m2)

Total area of garden and lawn (m2)

No. of bedrooms Site details

Certificate number

Thermal Comfort

Energy

Area adjusted cooling load (MJ/m².year)

Ceiling fan in at least one bedroom

Area adjusted heating load (MJ/m².year) 39

Ceiling fan in at least one living room or Yes

Climate zone

Target 40

Target Pass

Target 50

0007841687

V 40

Pass

У 52

Show on Show on CC/CDC Certifier Check

The applicant must install the following hot water system in the development, or a system with a higher energy rating: gas instantaneous with a performance of 5 stars. Cooling system The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 living area: 1-phase airconditioning; Energy rating: 2.5 Star (old label) The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 bedroom: 1-phase airconditioning; Energy rating: 2.5 Star (old label)

The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 living area: electric floor The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 bedroom: electric floor heating; Energy rating: n/a Ventilation The applicant must install the following exhaust systems in the development:

At least 1 Bathroom: individual fan, ducted to façade or roof; Operation control: manual switch on/off

Kitchen: individual fan, ducted to façade or roof; Operation control: manual switch on/off Laundry: individual fan, ducted to façade or roof; Operation control: manual switch on/off Artificial lighting The applicant must ensure that the "primary type of artificial lighting" is fluorescent or light emitting diode (LED) lighting in each of the following rooms, and where the word "dedicated" appears, the fittings for those lights must only be capable of accepting fluorescent or

• at least 5 of the bedrooms / study; dedicated at least 1 of the living / dining rooms; dedicated

BASIX Planning, Industry & Environment www.basix.nsw.gov.au Version: 3.0 / DARWINIA_3_20_0 Certificate No.: 1391254S Friday, 19 May 2023

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Schedule of BASIX commitments

The applicant must connect the rainwater tank to:

The swimming pool must have a pool cover.

• the cold water tap that supplies each clothes washer in the development

The swimming pool must not have a volume greater than 35 kilolitres.

· all toilets in the development

Water Commitments

all showers in the development.

Alternative water

Show on CC/CDC Certifier check · all bathrooms/toilets; dedicated · the laundry; dedicated all hallways; dedicated Natural lighting The applicant must install a window and/or skylight in the kitchen of the dwelling for natural lighting. **V** The applicant must install a window and/or skylight in 5 bathroom(s)/toilet(s) in the development for natural lighting. Swimming pool The applicant must install the following heating system for the swimming pool in the development (or alternatively must not install any heating system for the swimming pool): electric heat pump The applicant must install a timer for the swimming pool pump in the development. Outdoor spa The applicant must install the following heating system for the spa in the development (or alternatively must not install any heating system for the spa); electric heat pump The applicant must install a timer for the spa pump in the development. ~ The applicant must install a photovoltaic system with the capacity to generate at least 3.7 peak kilowatts of electricity as part of the development. The applicant must connect this system to the development's electrical system. The applicant must install a gas cooktop & electric oven in the kitchen of the dwelling. The applicant must install a fixed outdoor clothes drying line as part of the development.

The commitments set out below regulate how the proposed development is to be carried out. It is a condition of any development consent granted, or complying

Show on DA plans Show on CC/CDC Certifier check

Friday, 19 May 2023

Friday, 19 May 2023

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development certificate issued, for the proposed development, that BASIX commitments be complied with.

The applicant must install a toilet flushing system with a minimum rating of 4 star in each toilet in the development.

The applicant must install a rainwater tank of at least 6000 litres on the site. This rainwater tank must meet, and be installed in accordance with, the requirements of all applicable regulatory authorities.

• at least one outdoor tap in the development (Note: NSW Health does not recommend that rainwater be used for human consumption in areas with potable water supply.)

BASIX Planning, Industry & Environment www.basix.nsw.gov.au Version: 3.0 / DARWINIA_3_20_0 Certificate No.: 1391254S

The applicant must configure the rainwater tank to collect rain runoff from at least 80 square metres of the roof area of the development (excluding the area of the roof which drains to any stormwater tank or private dam).

The applicant must install basin taps with a minimum rating of 4 star in each bathroom in the development.

The applicant must install taps with a minimum rating of 4 star in the kitchen in the development.

The applicant must install showerheads with a minimum rating of 4 star (> 6 but <= 7.5 L/min plus spray force and/or coverage tests) in

The swimming pool must be outdoors Outdoor Spa The spa must not have a volume greater than 2 kilolitres. The spa must have a spa cover. BASIX Planning, Industry & Environment www.basix.nsw.gov.au Version: 3.0 / DARWINIA_3_20_0 Certificate No.: 1391254S Friday, 19 May 2023

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

Commitments identified with a 🧹 in the "Show on CC/CDC plans and specs" column must be shown in the plans and specifications accompanying the application for a construction

Commitments identified with a win the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate(either interim or

development application is to be lodged for the proposed development).

final) for the development may be issued.

certificate / complying development certificate for the proposed development.

BASIX Planning, Industry & Environment www.basix.nsw.gov.au Version: 3.0 / DARWINIA_3_20_0 Certificate No.: 1391254S Friday, 19 May 2023

REVISION DATE

DESCRIPTION DEVELOPMENT APPLICATION 19/05/2023 15/06/2023 ADDITIONAL INFORMATION AMENDED EXHAUST VENTILATION LEVEL 23/11/2023 AMENDED PRIVACY SCREEN ADDED 16/02/2024

BASIX

PROJECT: PROJECT ADDRESS: NEW DWELLING NSW 2023, AUSTRALIA DRAWING TITLE:

54 STREATFIELD, BELLEVUE HILL,

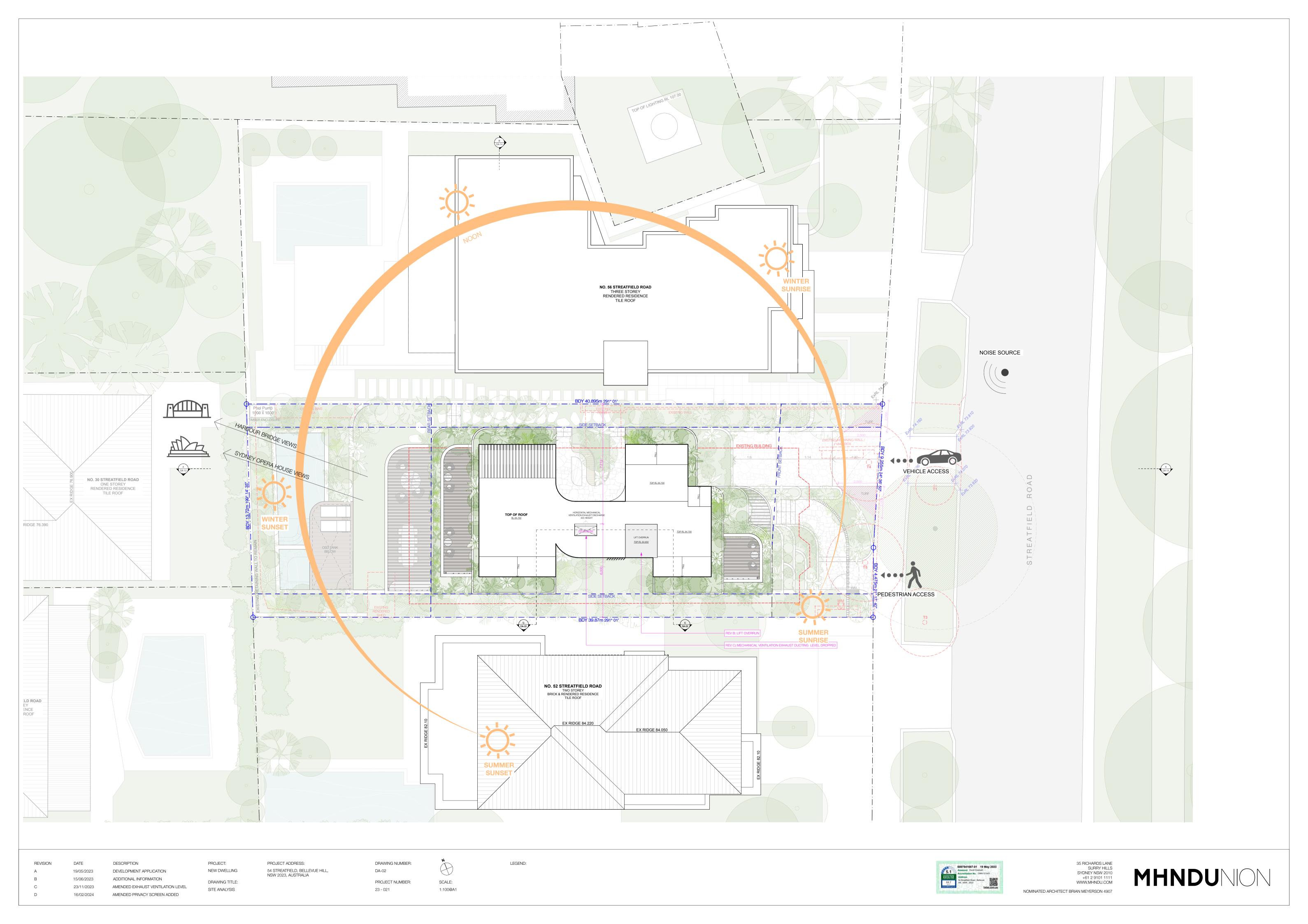
PROJECT NUMBER: 23 - 021

DRAWING NUMBER:

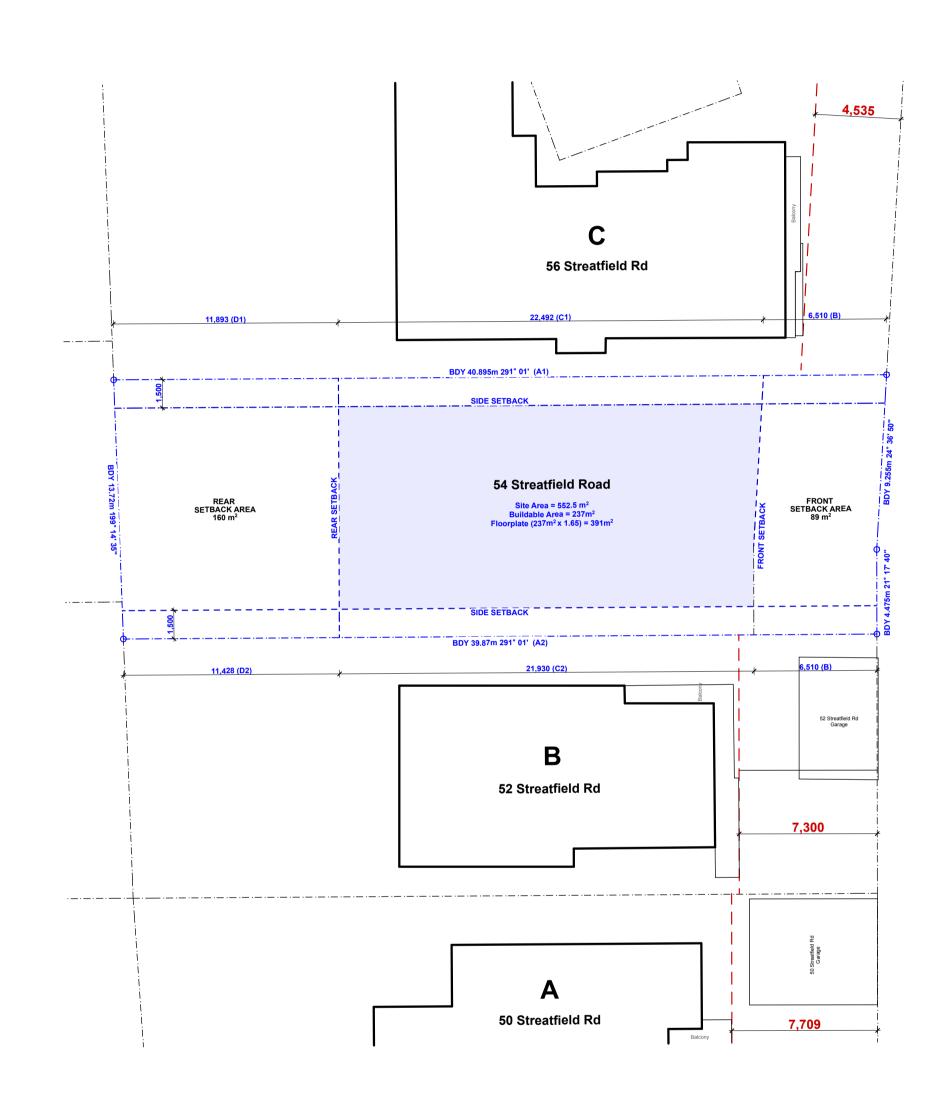
SCALE: @A1

LEGEND:





SETBACK DIAGRAM (1:200 @A1)



SITE INFORMATION

TITLE DESCRIPTION LOT 54 SP8639 ZONING R3 Medium Density Residential MAXIMUM BUILDING HEIGHT 9.5m **552.5m²** (By Survey) SITE AREA BUILDABLE AREA $237m^{2}$ NON-BUILDABLE AREA $315.5 m^2$ FRONT SETBACK AREA 89m² REAR SETBACK AREA 160m²

SETBACK SUMMARY

FRONT SETBACK	= (A + B + C) / 3	= 6,510
SIDE SETBACK		= 1,500
BUILDING DEPTH (C1)	= (A1) x 0.55	= 22,492
BUILDING DEPTH (C2)	= (A2) x 0.55	= 21,930
REAR SETBACK (D1)	= (A1) - (C1) - 6,510	= 11,893
REAR SETBACK (D2)	= (A2) - (C2) - 6,51	= 11,428

Side setback table for dwelling houses, semi-detached dwellings and dual occupancies

A. Site width measured along front setback line in metres	B. Side setback in metres	
< 9.0	0.9	
13.0 - < 15.0	1.5	

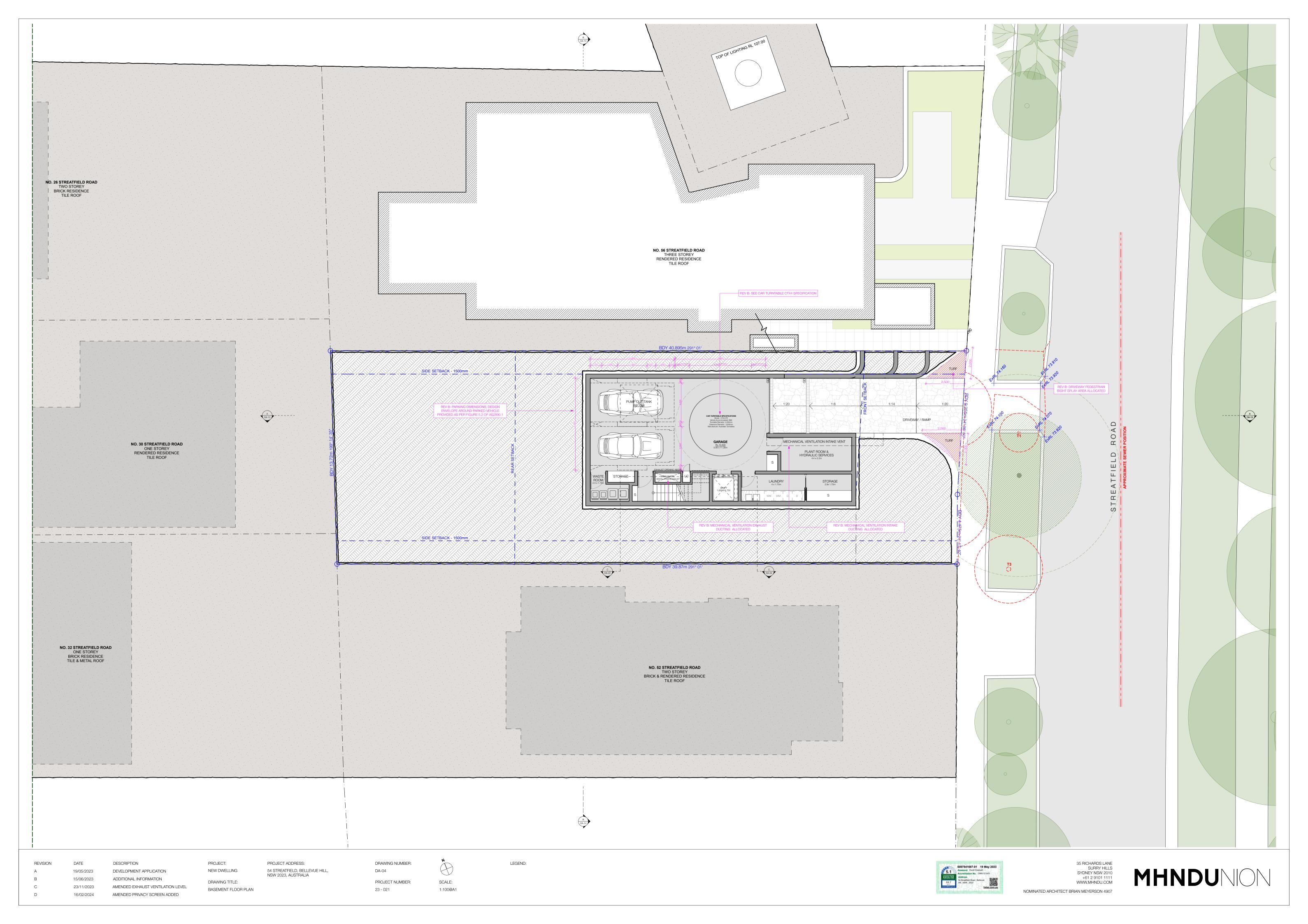


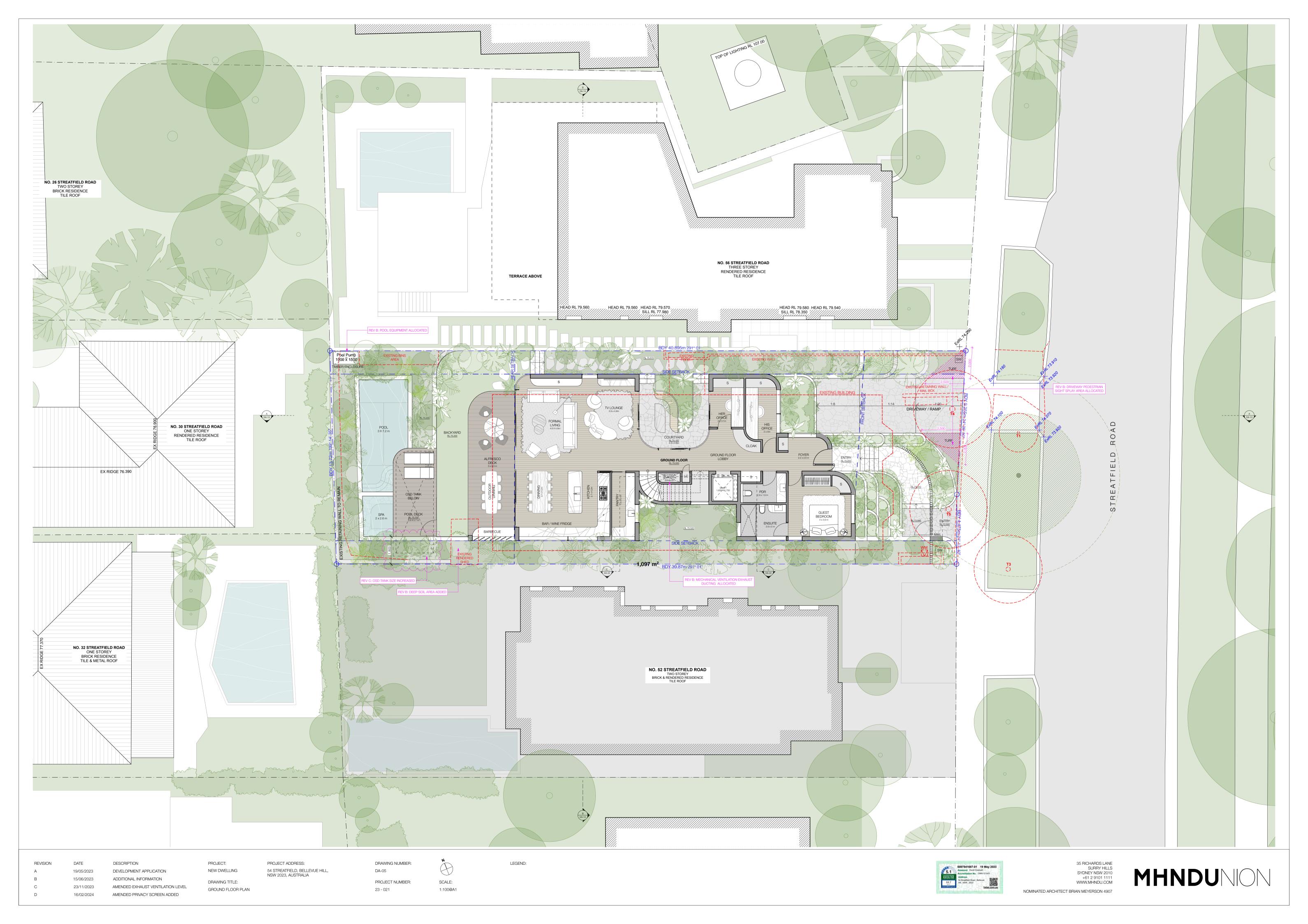


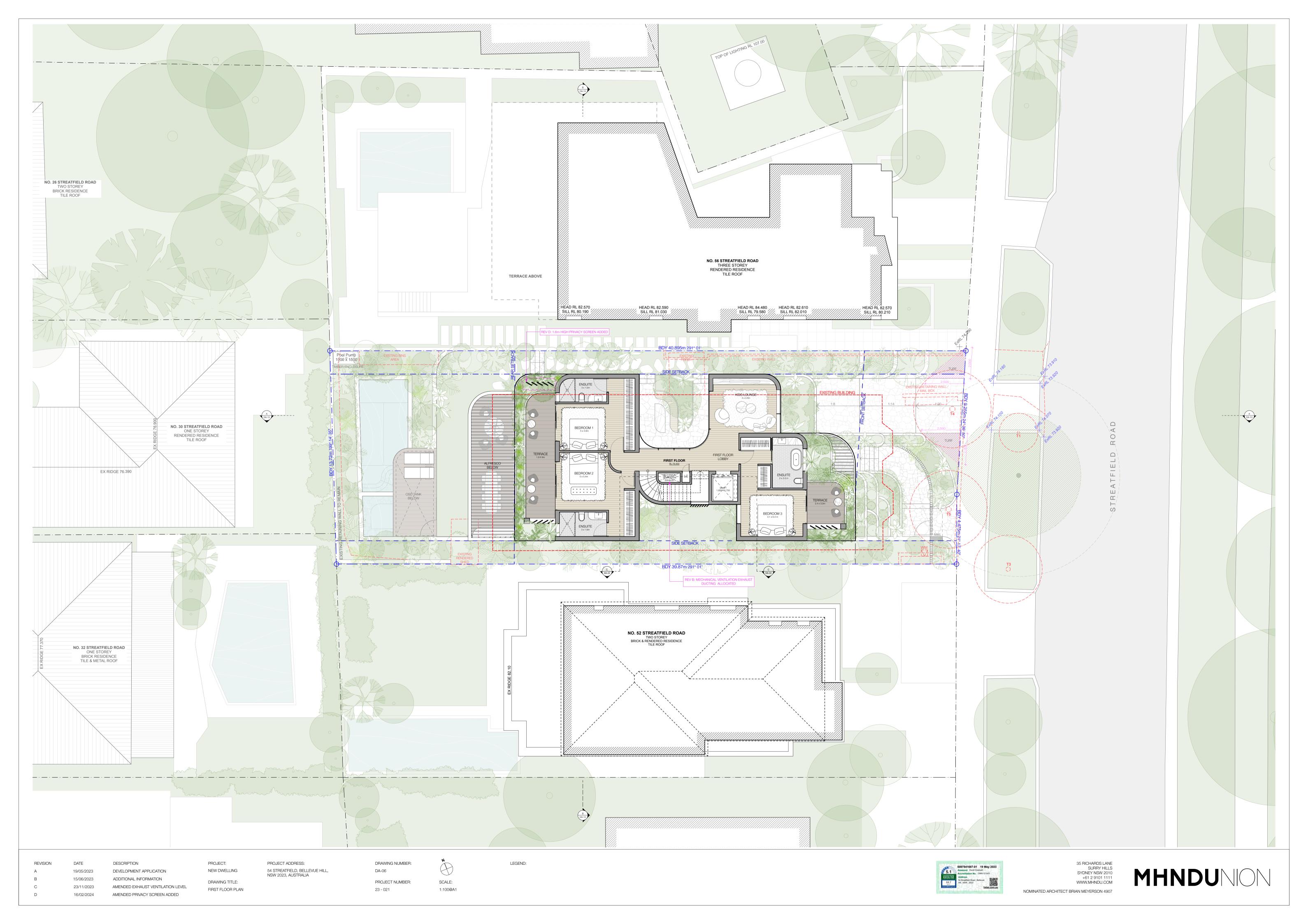


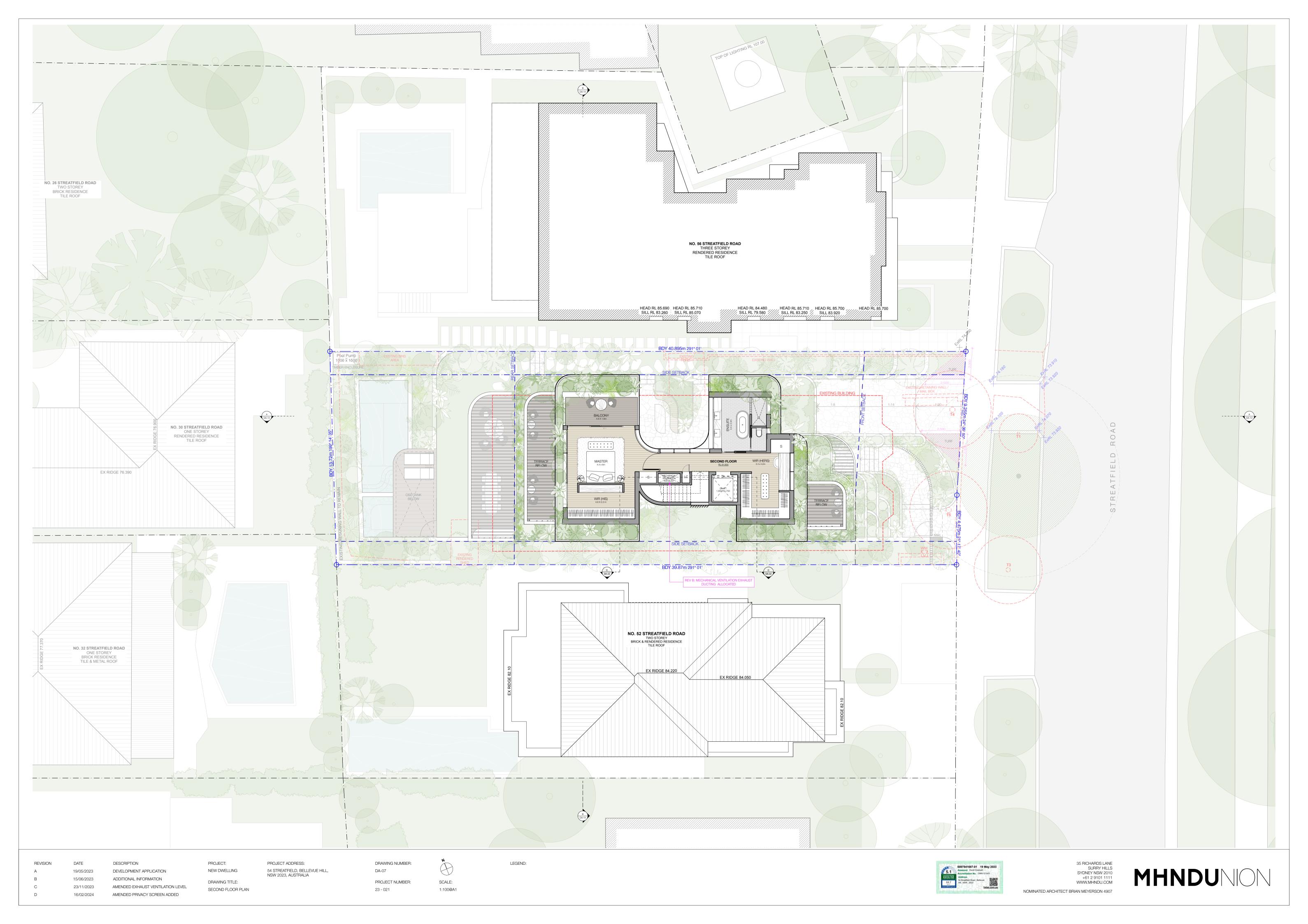


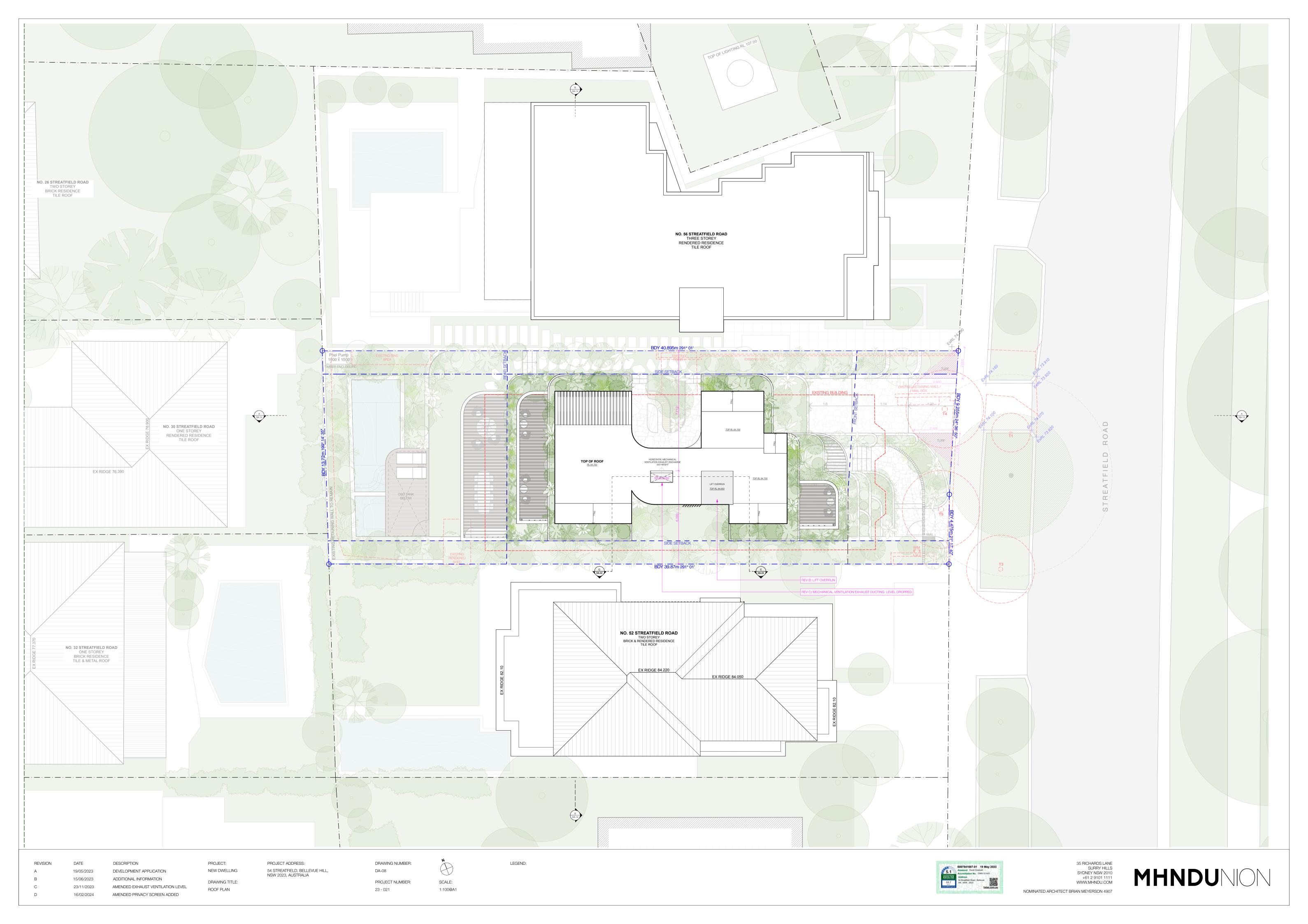






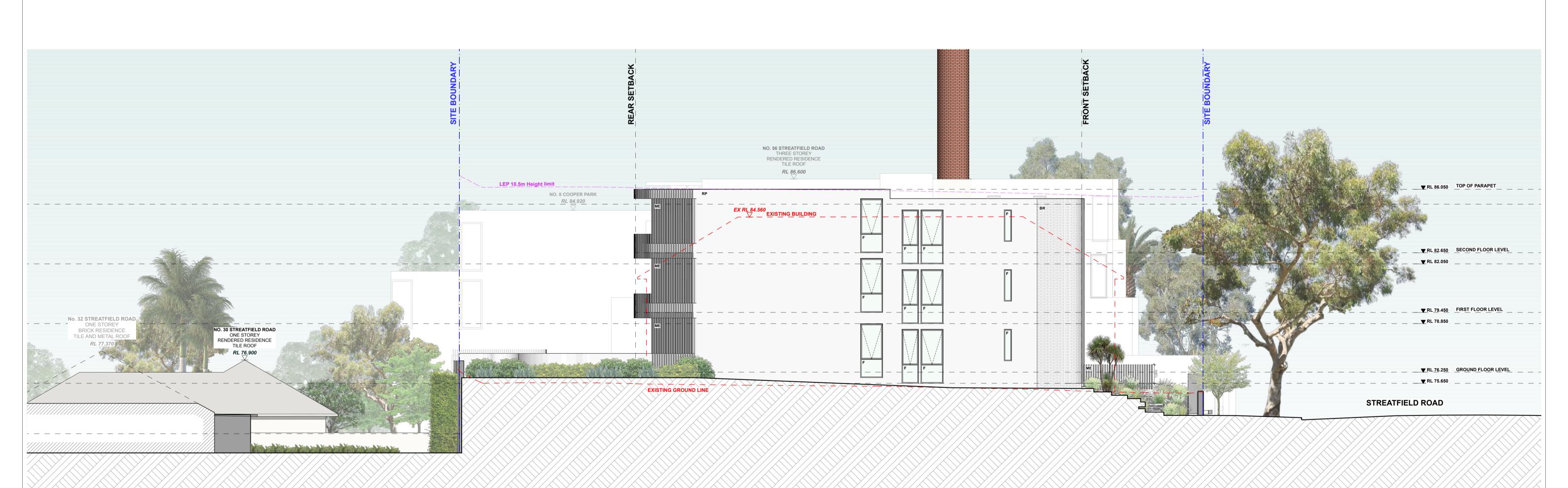












DATE REVISION 19/05/2023 15/06/2023 23/11/2023 16/02/2024

DESCRIPTION DEVELOPMENT APPLICATION ADDITIONAL INFORMATION AMENDED EXHAUST VENTILATION LEVEL AMENDED PRIVACY SCREEN ADDED

PROJECT: NEW DWELLING DRAWING TITLE:

SOUTH ELEVATION (STAIRCASE)

PROJECT ADDRESS: 54 STREATFIELD, BELLEVUE HILL, NSW 2023, AUSTRALIA

DRAWING NUMBER:

PROJECT NUMBER: 23 - 021

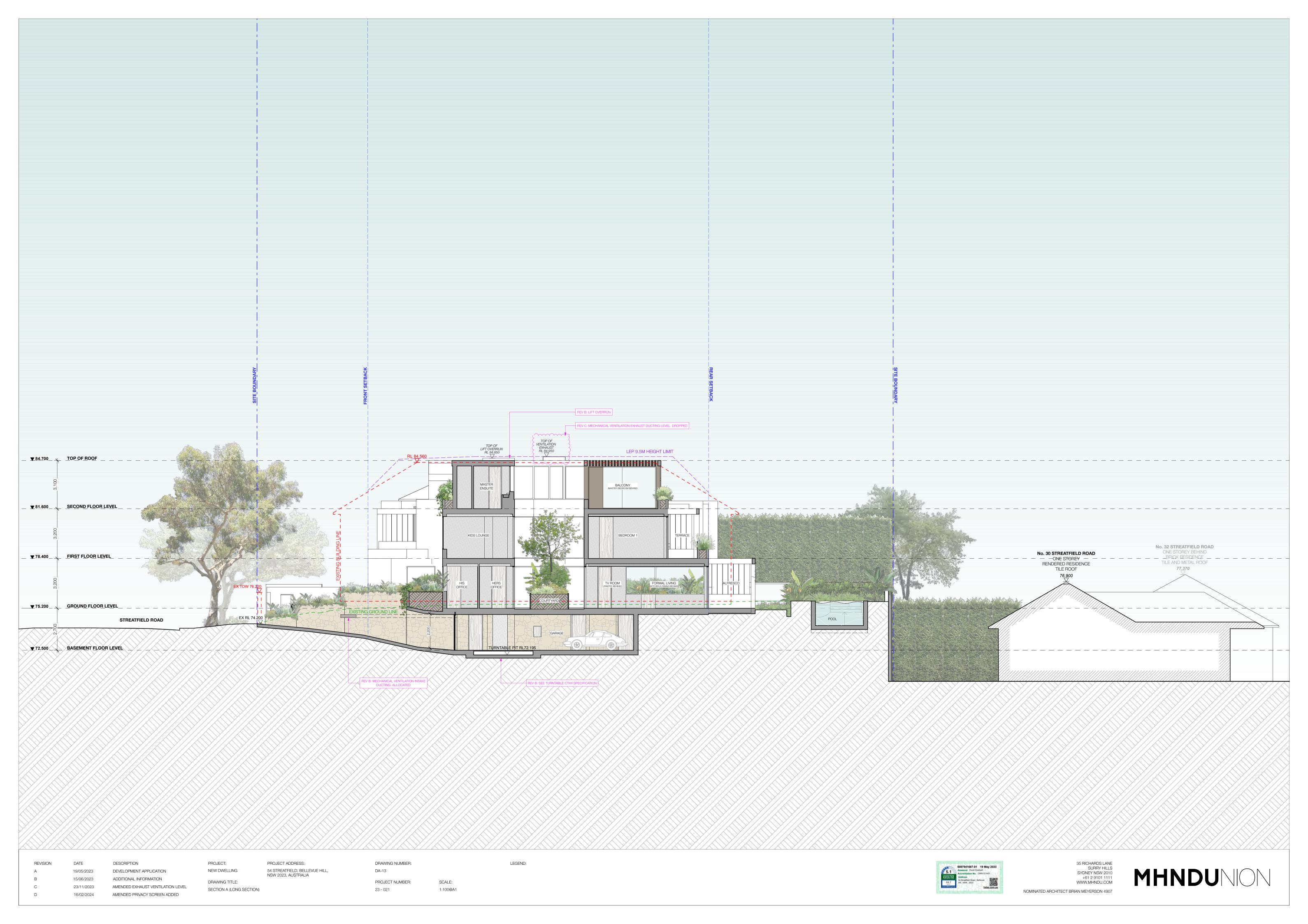
LEGEND: MT - Metallic Warm Grey Metal ST - Light Colour Organic Texture Sandstone RP - Light Warm Colour Rendered & Painted

GB - Glass Balustrade



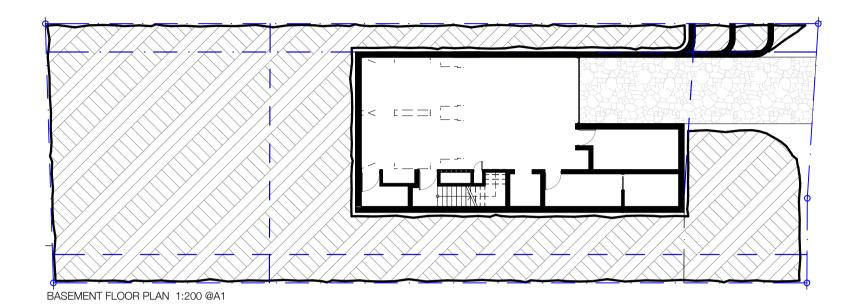


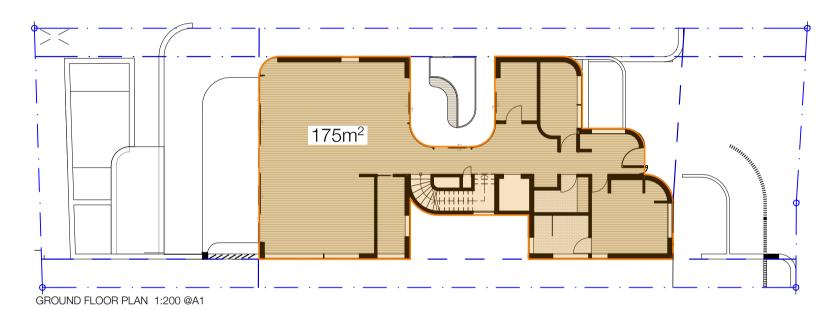


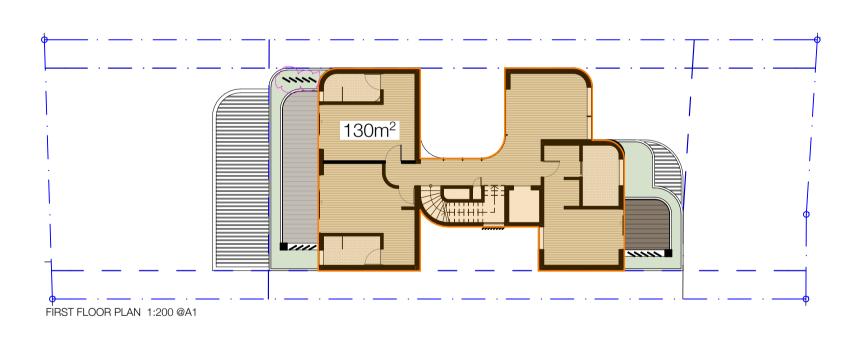


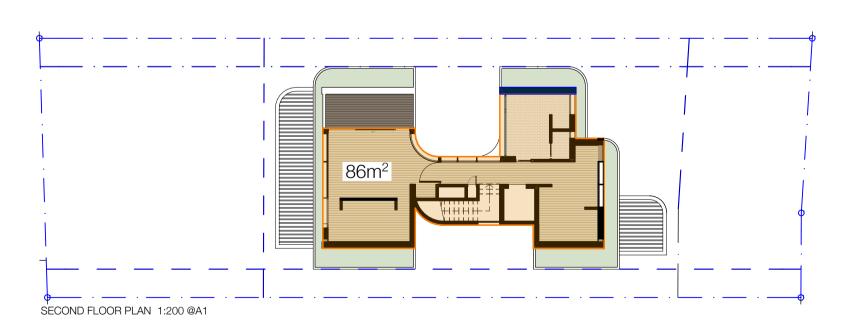


FLOORPLATE CALCULATION









SITE INFORMATION

TITLE DESCRIPTION LOT 54 SP8639 ZONING R3 Medium Density Residential

MAXIMUM BUILDING HEIGHT 9.5m

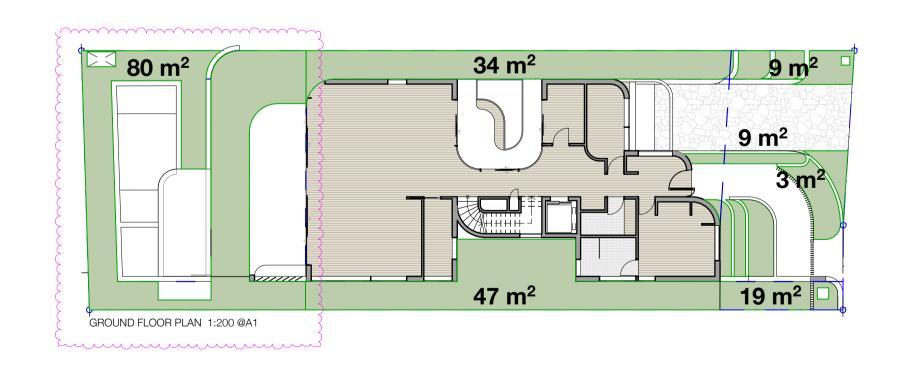
SITE AREA **552.5m²** (By Survey)

BUILDABLE AREA $237m^{2}$ NON-BUILDABLE AREA 315.5m² FRONT SETBACK AREA $89m^{2}$ REAR SETBACK AREA 160m²

CONTROL SUMMARY

COUNCIL CONTROL	CONTROLS	PROPOSED	COMPLIES NOTES
HEIGHT OF BUILDING (LEP)	9.5m	9.5 m	YES
FLOORPLATE	391m ²	391m²	YES
PARKING - RESIDENTIAL	2	2	YES
DEEPSOIL AREA (min. % of site outside buildable area)	158m ² 50%	200m ² 63%	YES
DEEPSOIL AREA - FRONT SETBACK (min. % of front setback area)	35.6m ² 40%	40m ² 45%	YES
DEEPSOIL AREA - REAR SETBACK (min. % of rear setback area)	80m ² 50%	80m ² 50%	YES

DEEP SOIL CALCULATION



EXCAVATION SUMMARY

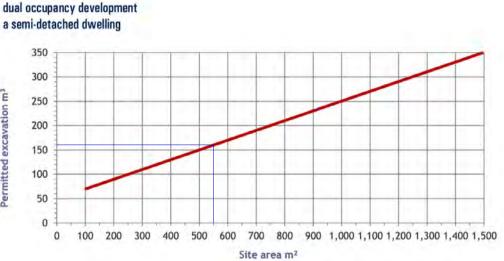
EXCAVATION CATEGORY	CONTROL	PROPOSED	COMPLIES
EXCAVATION VOLUMN FOR CAR-PARKING AND ACCESS	-	402m ³	-
EXCAVATION VOLUMN FOR DWELLING	-	146m ³	-
EXCAVATION VOLUMN FOR SITE ARRANGEMENT	-	59m ³	-

Maximum volume of excavation for the site of: a dwelling house

FIGURE 14A



TOTAL EXCAVATION VOLUMN 160m³



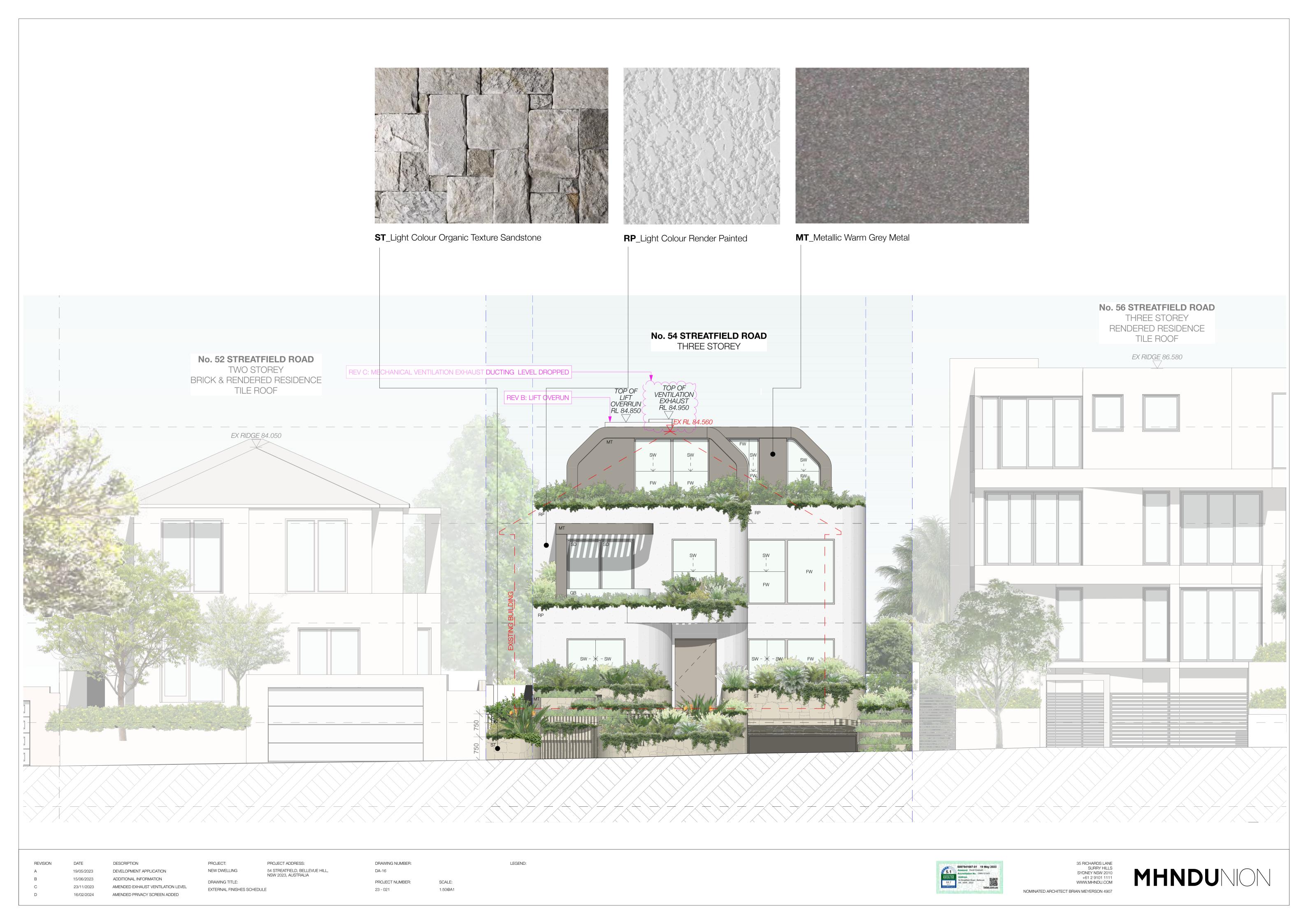


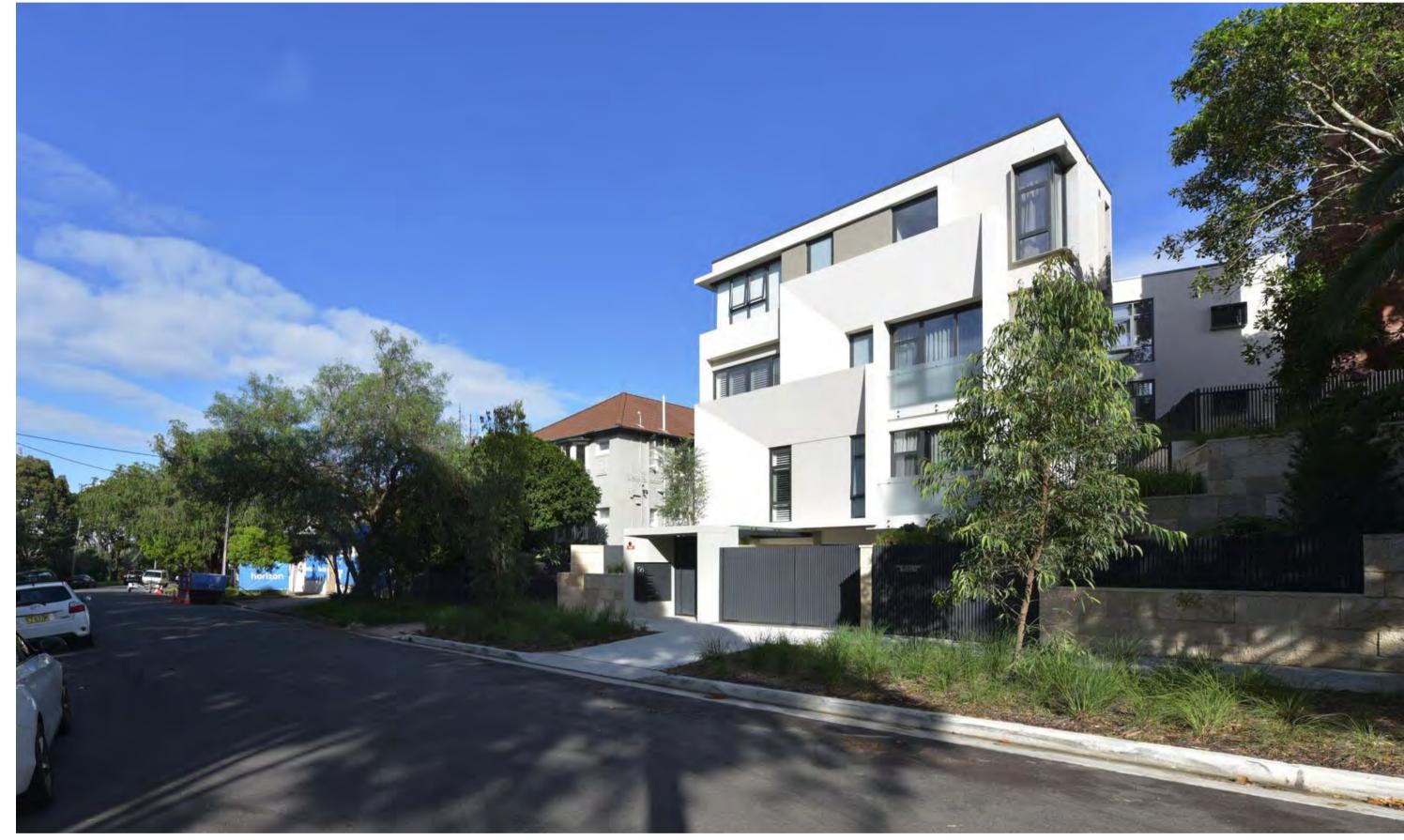














PROPOSED **EXISTING**

19/05/2023 15/06/2023 DEVELOPMENT APPLICATION ADDITIONAL INFORMATION AMENDED EXHAUST VENTILATION LEVEL AMENDED PRIVACY SCREEN ADDED

PROJECT: NEW DWELLING DRAWING TITLE: PHOTOMONTAGE

54 STREATFIELD, BELLEVUE HILL, NSW 2023, AUSTRALIA

PROJECT ADDRESS:

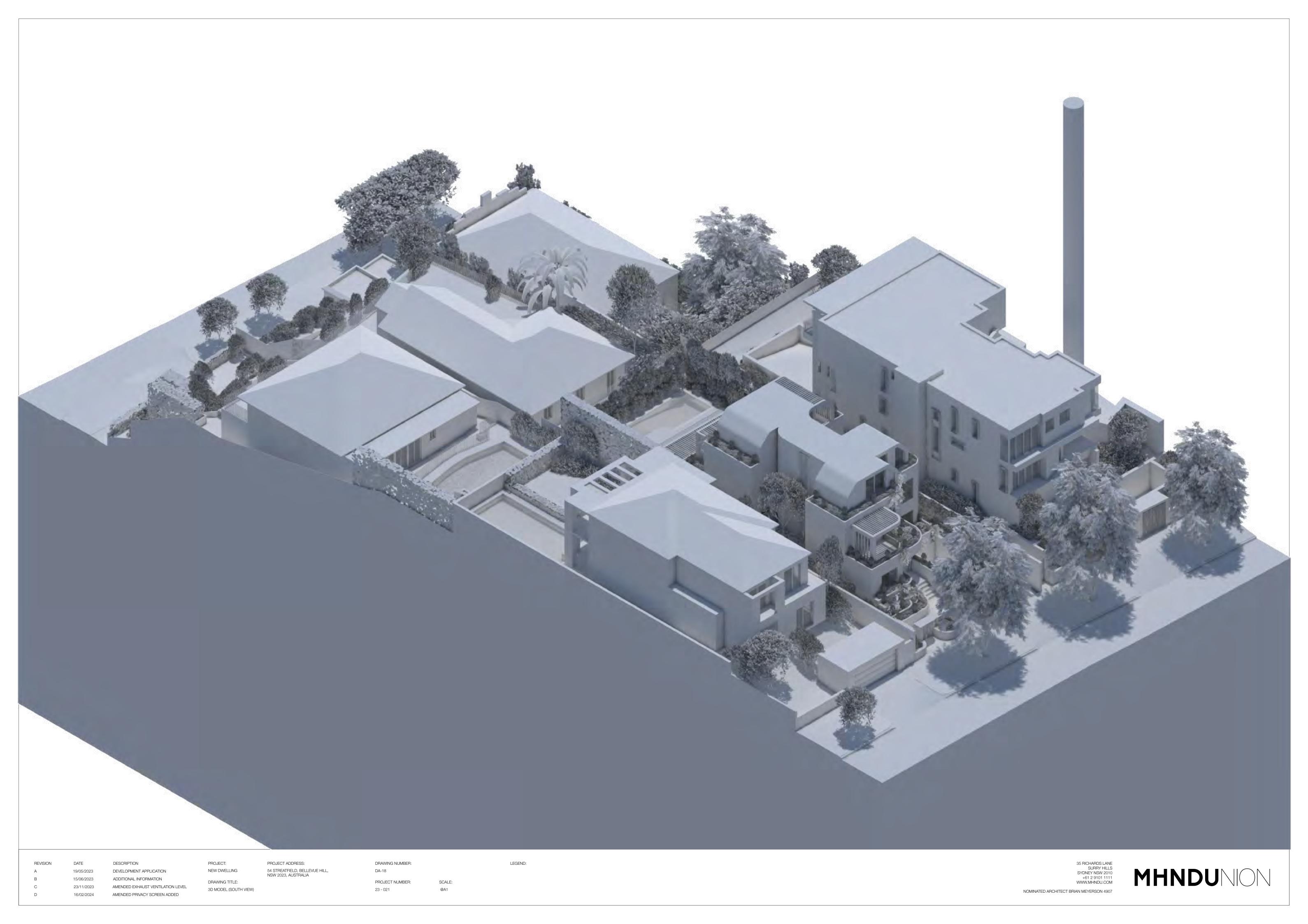
DRAWING NUMBER:

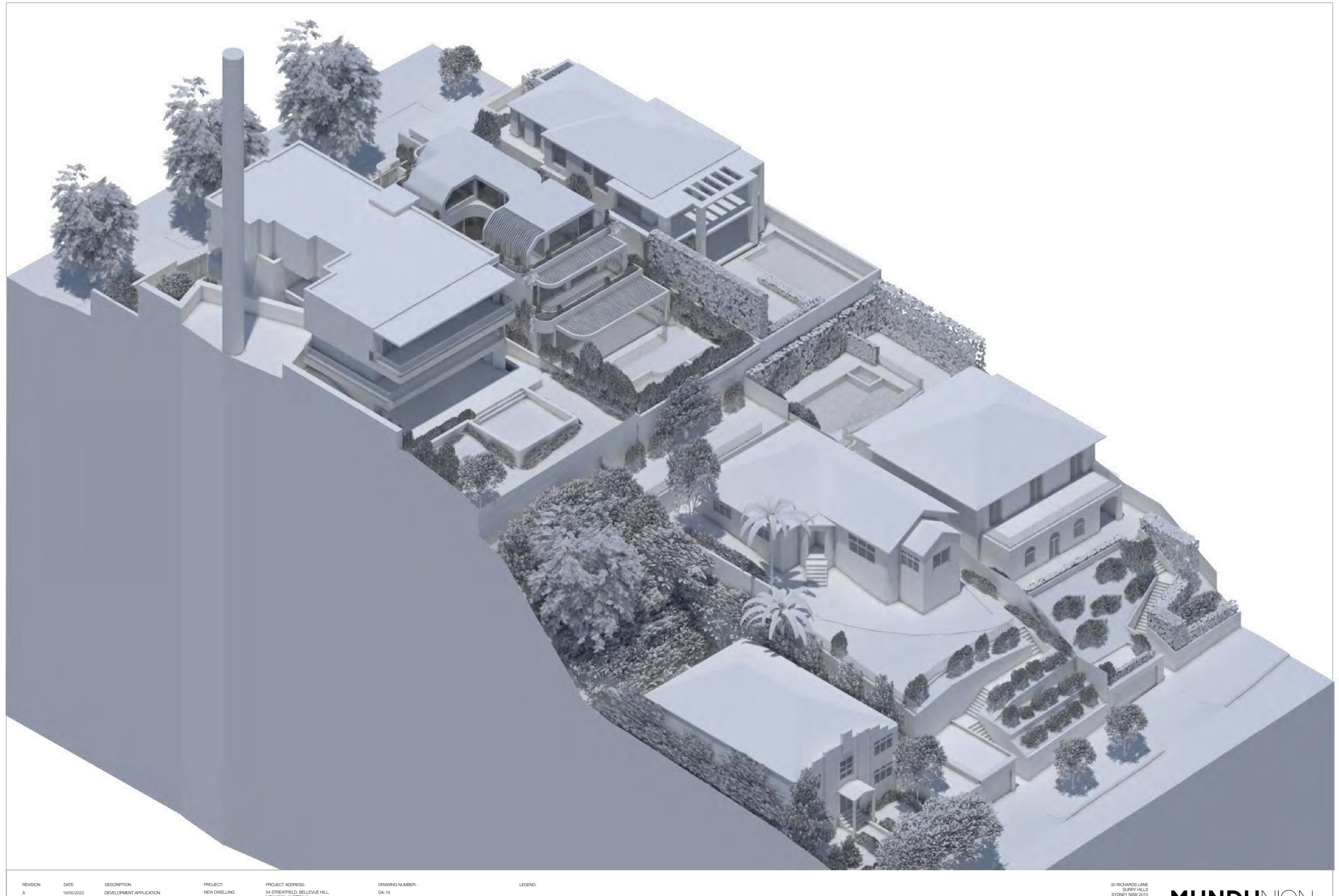
23 - 021

PROJECT NUMBER:

LEGEND:







15/06/2023

NEW DWELLING ADDITIONAL INFORMATION DRAWING TITLE: AMENDED EXHAUST VENTILATION LEVEL 3D MODEL (NORTH VIEW) AMENDED PRIVACY SCREEN ADDED

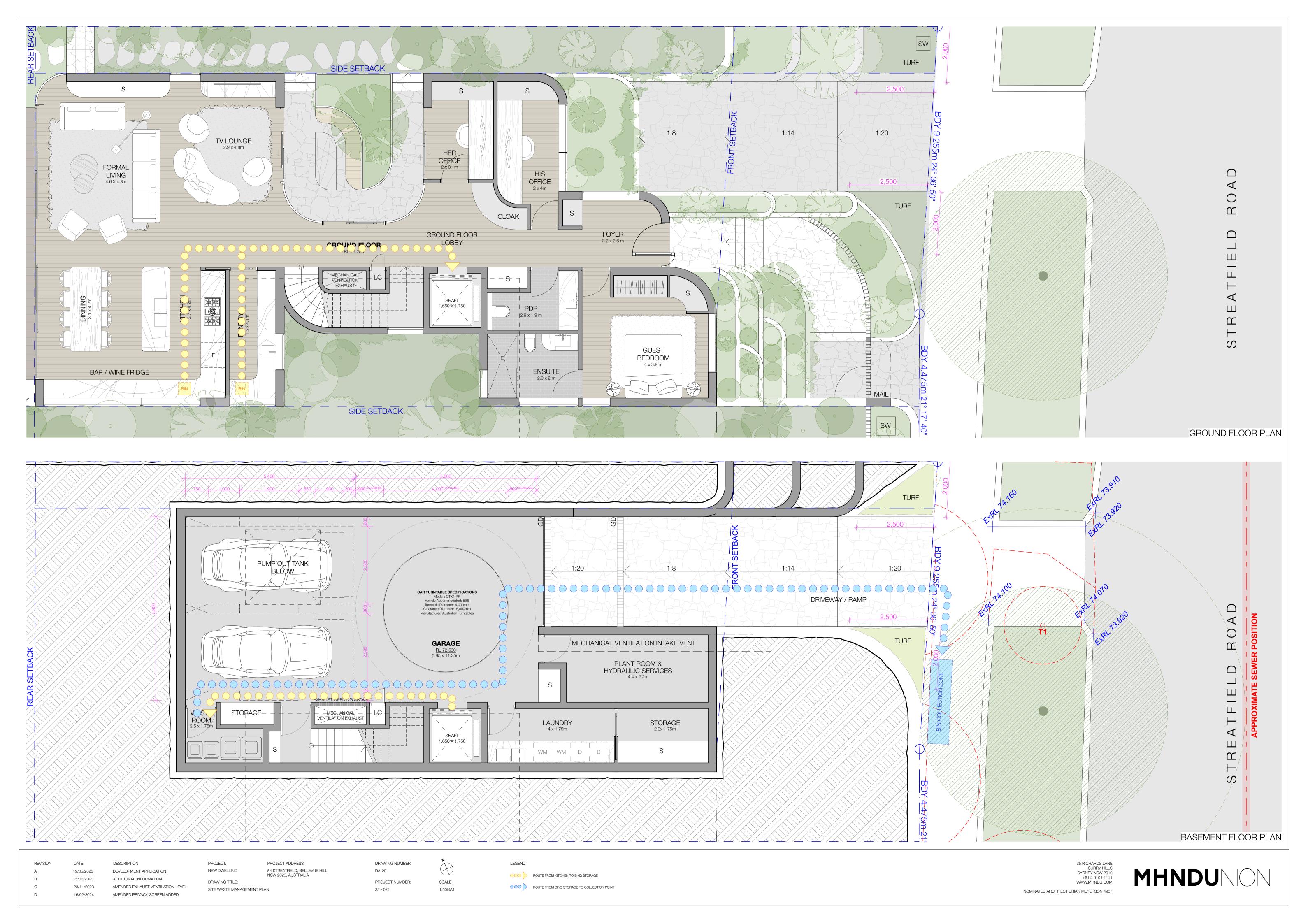
54 STREATFIELD, BELLEVUE HILL, NSW 2023, AUSTRALIA

PROJECT NUMBER:

23 - 021

35 RICHARDS LANE SURRY HILLS SYDNEY NSW 2010 +61 2 9101 1111 WWW.MHNDU.COM NOMINATED ARCHITECT BRIAN MEYERSON 4907

MHNDUNION





ELEVATION SOUTH

REVISION:

DEVELOPMENT APPLICATION

ADDITIONAL INFORMATION

AMENDED

DRAWING TITLE:

SITE NOTIFICATION PLAN

PROJECT ADDRESS:

54 STREATFIELD ROAD, BELLEVUE HILL NSW 2023 PROJECT NUMBER:

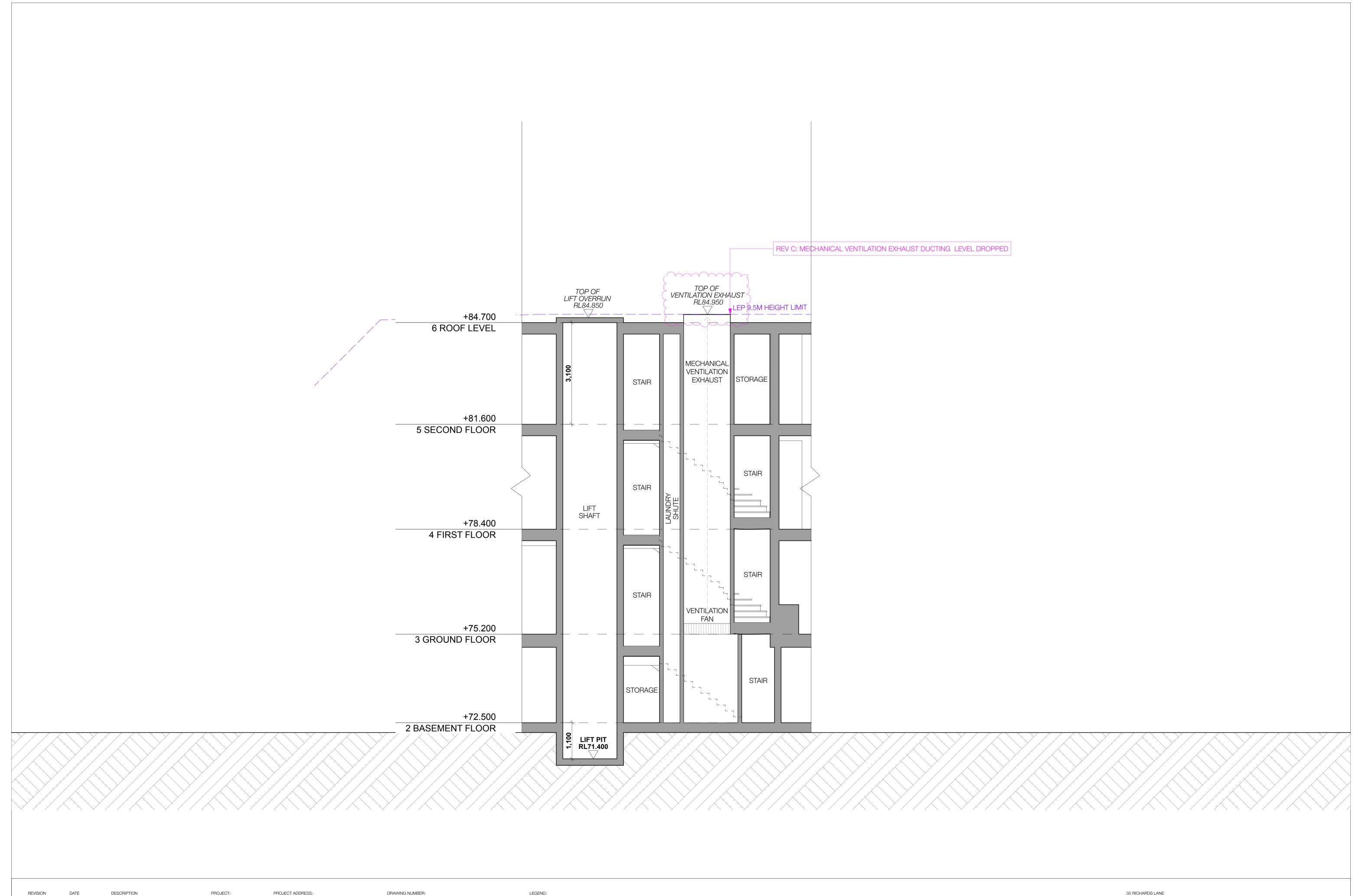
DWG NUMBER: 23-021 **DA-21**

REVISION:

ISSUE DATE:

SCALE: CHECKED: DRAWN BY:

1:500@A4 PL DD



DATE REVISION 19/05/2023 15/06/2023 23/11/2023 16/02/2024

PROJECT: DESCRIPTION NEW DWELLING DEVELOPMENT APPLICATION ADDITIONAL INFORMATION DRAWING TITLE: AMENDED EXHAUST VENTILATION LEVEL SECTION C (CORE SECTION) AMENDED PRIVACY SCREEN ADDED

PROJECT ADDRESS: 54 STREATFIELD, BELLEVUE HILL, NSW 2023, AUSTRALIA

DRAWING NUMBER: PROJECT NUMBER:

23 - 021

SCALE:

@A1



