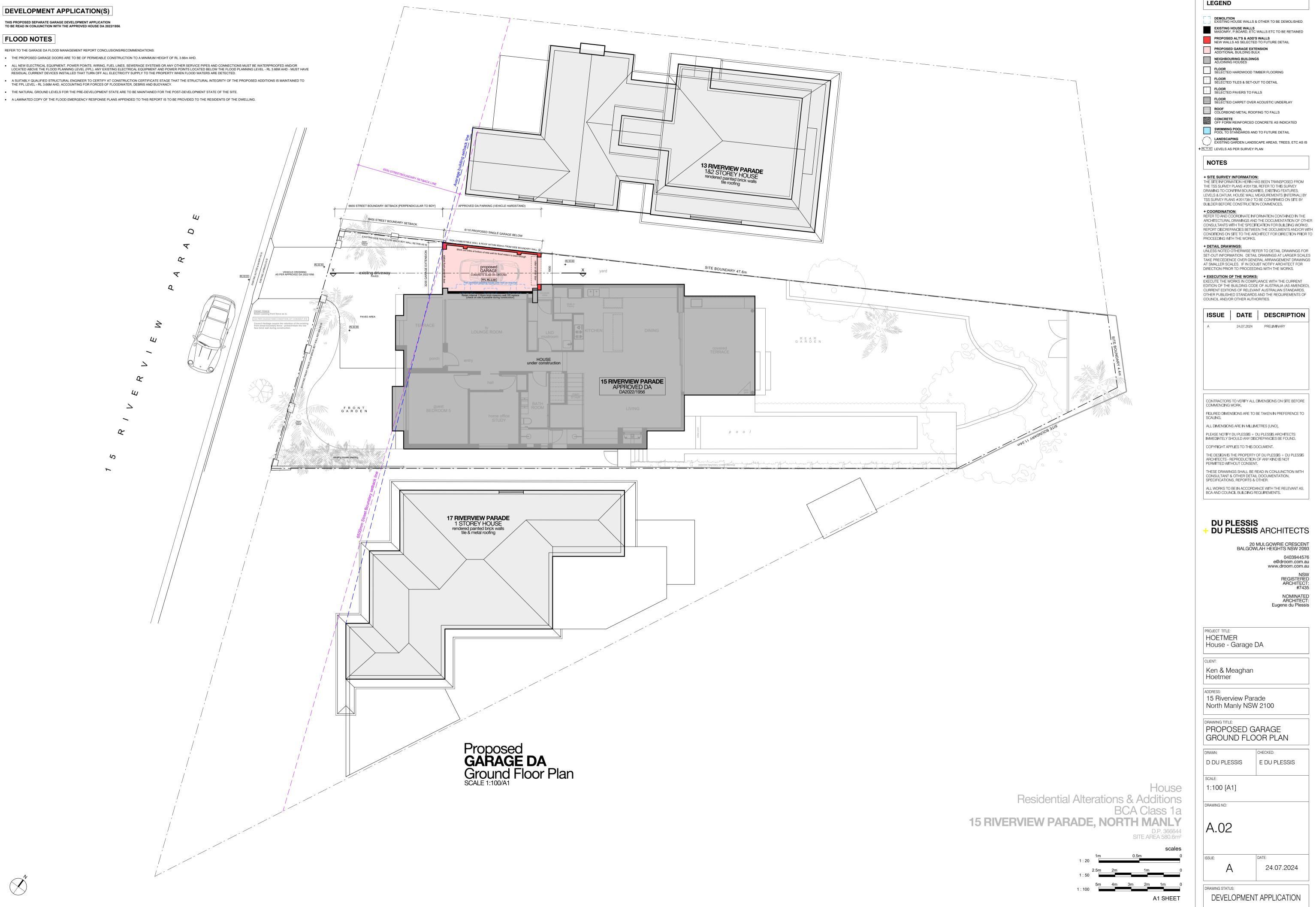


e@droom.com.au www.droom.com.au



LEGEND



LEGEND

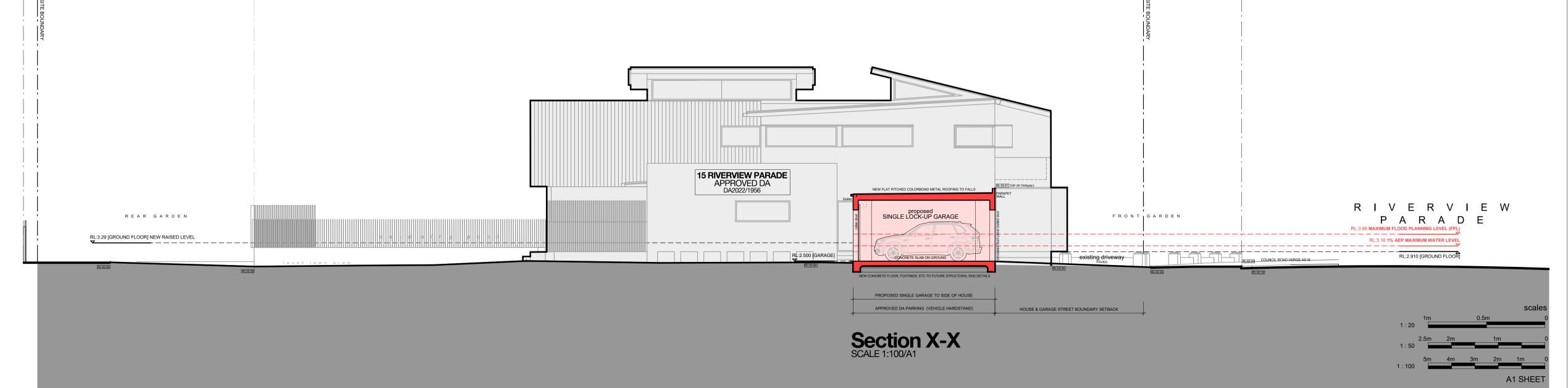
### **DEVELOPMENT APPLICATION(S)**

THIS PROPOSED SEPARATE GARAGE DEVELOPMENT APPLICATION TO BE READ IN CONJUNCTION WITH THE APPROVED HOUSE DA 2022/1956.

### FLOOD NOTES

REFER TO THE GARAGE DA FLOOD MANAGEMENT REPORT CONCLUSIONS/RECOMMENDATIONS:

- THE PROPOSED GARAGE DOORS ARE TO BE OF PERMEABLE CONSTRUCTION TO A MINIMUM HEIGHT OF RL 3.66m AHD.
- ALL NEW ELECTRICAL EQUIPMENT, POWER POINTS, WIRING, FUEL LINES, SEWERAGE SYSTEMS OR ANY OTHER SERVICE PIPES AND CONNECTIONS MUST BE WATERPROOFED AND/OR
  LOCATED ABOVE THE FLOOD PLANNING LEVEL (FPL). ANY EXISTING ELECTRICAL EQUIPMENT AND POWER POINTS LOCATED BELOW THE FLOOD PLANNING LEVEL RL 3.66M AHD MUST HAVE
  RESIDUAL CURRENT DEVICES INSTALLED THAT TURN OFF ALL ELECTRICITY SUPPLY TO THE PROPERTY WHEN FLOOD WATERS ARE DETECTED.
- A SUITABLY QUALIFIED STRUCTURAL ENGINEER TO CERTIFY AT CONSTRUCTION CERTIFICATE STAGE THAT THE STRUCTURAL INTEGRITY OF THE PROPOSED ADDITIONS IS MAINTAINED TO THE FPL LEVEL RL 3.66M AHD, ACCOUNTING FOR FORCES OF FLOODWATER, DEBRIS AND BUOYANCY.
- THE NATURAL GROUND LEVELS FOR THE PRE-DEVELOPMENT STATE ARE TO BE MAINTAINED FOR THE POST-DEVELOPMENT STATE OF THE SITE.
- A LAMINATED COPY OF THE FLOOD EMERGENCY RESPONSE PLANS APPENDED TO THIS REPORT IS TO BE PROVIDED TO THE RESIDENTS OF THE DWELLING.



# LEGEND

DEMOLITION
EXISTING HOUSE WALLS & OTHER TO BE DEMOLISHED **EXISTING HOUSE WALLS**MASONRY, P.BOARD, ETC WALLS ETC TO BE RETAINED

PROPOSED ALT'S & ADD'S WALLS
NEW WALLS AS SELECTED TO FUTURE DETAIL

PROPOSED GARAGE EXTENSION
ADDITIONAL BUILDING BULK

NEIGHBOURING BUILDINGS
ADJOINING HOUSES

FLOOR
SELECTED HARDWOOD TIMBER FLOORING

FLOOR
SELECTED TILES & SET-OUT TO DETAIL

FLOOR
SELECTED PAVERS TO FALLS

FLOOR
SELECTED CARPET OVER ACOUSTIC UNDERLAY

ROOF
COLORBOND METAL ROOFING TO FALLS CONCRETE
OFF FORM REINFORCED CONCRETE AS INDICATED

SWIMMING POOL
POOL TO STANDARDS AND TO FUTURE DETAIL LANDSCAPING
EXISTING GARDEN LANDSCAPE AREAS, TREES, ETC AS IS

# NOTES

+ RL 71.40 LEVELS AS PER SURVEY PLAN

+ SITE SURVEY INFORMATION:
THE SITE INFORMATION HERIN HAS BEEN TRANSPOSED FROM
THE TSS SURVEY PLANS #201738. REFER TO THIS SURVEY
DRAWING TO CONFIRM BOUNDARIES, EXISTING FEATURES,
LEVELS & DATUM. HOUSE WALL MEASUREMENTS [INTERNAL] BY
TSS SURVEY PLANS #201738-2 TO BE CONFIRMED ON SITE BY
BUILDER BEFORE CONSTRUCTION COMMENCES.

+ COORDINATION:
REFER TO AND COORDINATE INFORMATION CONTAINED IN THE
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CONSULTANTS WITH THE 'SPECIFICATION FOR BUILDING WORKS'.
REPORT DISCREPANCIES BETWEEN THE DOCUMENTS AND/OR WITH
CONDITIONS ON SITE TO THE ARCHITECT FOR DIRECTION PRIOR TO
PROCEEDING WITH THE WORKS.

+ DETAIL DRAWINGS:
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+ EXECUTION OF THE WORKS:

EXECUTE THE WORKS IN COMPLIANCE WITH THE CURRENT EDITION OF THE BUILDING CODE OF AUSTRALIA (AS AMENDED), CURRENT EDITIONS OF RELEVANT AUSTRALIAN STANDARDS, OTHER PUBLISHED STANDARDS AND THE REQUIREMENTS OF COUNCIL AND/OR OTHER AUTHORITIES.

ISSUE	DATE	DESCRIPTION
A	24.07.2024	PRELIMINARY

CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK.

FIGURED DIMENSIONS ARE TO BE TAKEN IN PREFERENCE TO SCALING. ALL DIMENSIONS ARE IN MILLIMETRES [UNO].

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BCA AND COUNCIL BUILDING REQUIREMENTS.

THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH CONSULTANT & OTHER DETAIL DOCUMENTATION, SPECIFICATIONS, REPORTS & OTHER.

# DU PLESSIS DU PLESSIS ARCHITECTS

20 MULGOWRIE CRESCENT BALGOWLAH HEIGHTS NSW 2093

0403944576 e@droom.com.au www.droom.com.au

REGISTERED ARCHITECT: #7435 NOMINATED ARCHITECT: Eugene du Plessis

PROJECT TITLE: HOETMER House - Garage DA

Ken & Meaghan Hoetmer

North Manly NSW 2100

15 Riverview Parade

PROPOSED GARAGE SECTION X-X

D DU PLESSIS E DU PLESSIS

1:100 [A1]

SCALE:

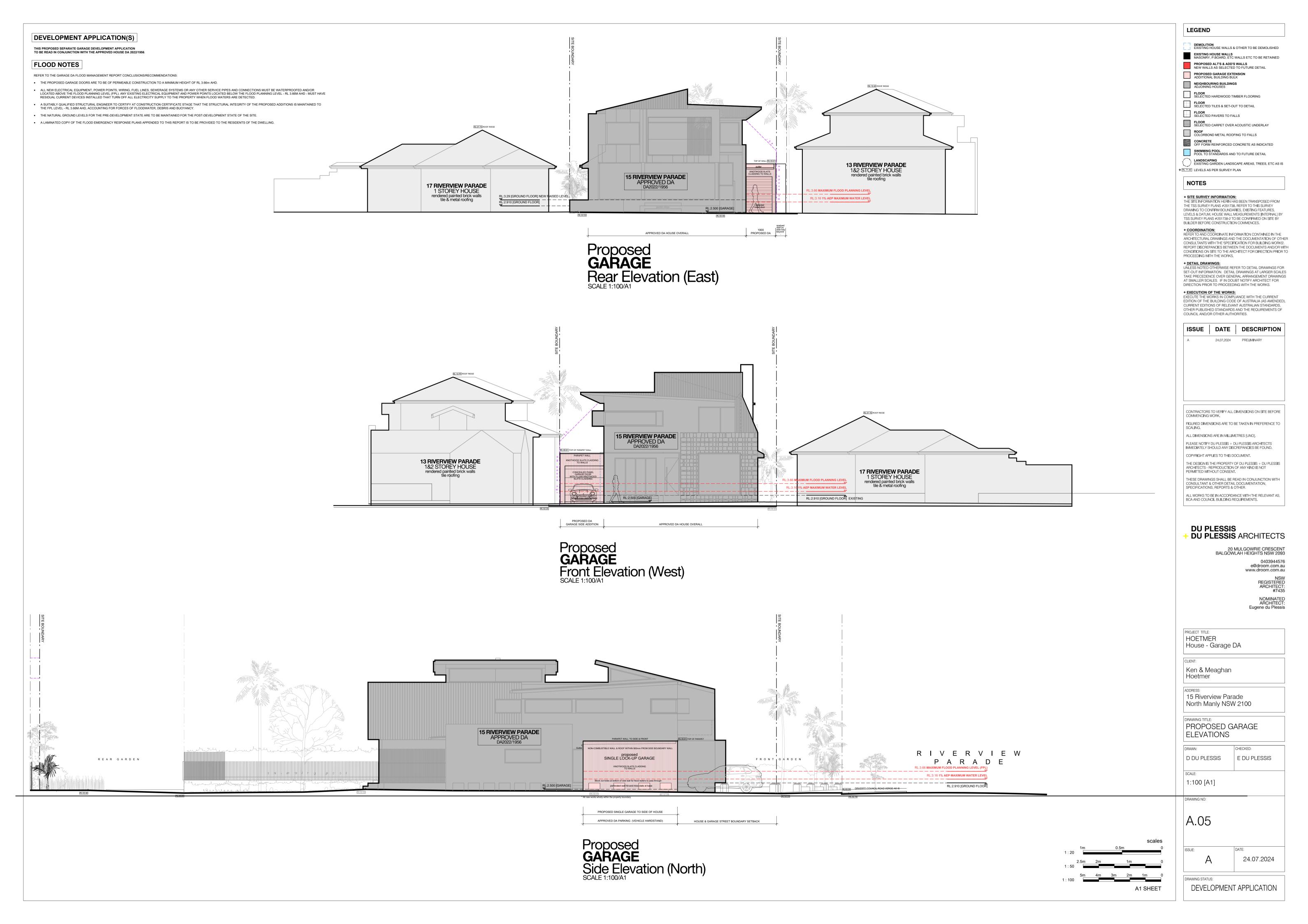
DRAWING NO:

A.04

24.07.2024

DRAWING STATUS:

DEVELOPMENT APPLICATION



# FLOOD INFORMATION



#### FLOOD INFORMATION REPORT – COMPREHENSIVE

Property: 15 Riverview Parade NORTH MANLY NSW 2100 Lot DP: Lot A DP 366644

Issue Date: 15/10/2021 Flood Study Reference: Manly Lagoon Flood Study 2013, BMT WBM

Flood Information for lot 1:

Flood Risk Precinct - See Map A

# Flood Planning Area - See Map A

Maximum Flood Planning Level (FPL) 2, 3, 4: 3.66 m AHD

#### 1% AEP Flood - See Flood Map B

1% AEP Maximum Water Level 2, 3: 3.16 mAHD

#### 1% AEP Maximum Depth from natural ground level<sup>3</sup>: 0.98 m

1% AEP Maximum Velocity: 0.57 m/s 1% AEP Hydraulic Categorisation: N/A See Flood Map D

## Probable Maximum Flood (PMF) - See Flood Map C

PMF Maximum Water Level 4: 5.66 m AHD

#### PMF Maximum Depth from natural ground level: 3.47 m

### PMF Maximum Velocity: 0.95 m/s

# PMF Hydraulic Categorisation: N/A See Flood Map E

**FLOOD NOTES** 

- REFER TO THE GARAGE DA FLOOD MANAGEMENT REPORT CONCLUSIONS/RECOMMENDATIONS:
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  RESIDUAL CURRENT DEVICES INSTALLED THAT TURN OFF ALL ELECTRICITY SUPPLY TO THE PROPERTY WHEN FLOOD WATERS ARE DETECTED.

PROPOSED Flood Storage Plan SCALE 1:100/A1

- A SUITABLY QUALIFIED STRUCTURAL ENGINEER TO CERTIFY AT CONSTRUCTION CERTIFICATE STAGE THAT THE STRUCTURAL INTEGRITY OF THE PROPOSED ADDITIONS IS MAINTAINED TO THE FPL LEVEL RL 3.66M AHD, ACCOUNTING FOR FORCES OF FLOODWATER, DEBRIS AND BUOYANCY.
- THE NATURAL GROUND LEVELS FOR THE PRE-DEVELOPMENT STATE ARE TO BE MAINTAINED FOR THE POST-DEVELOPMENT STATE OF THE SITE. A LAMINATED COPY OF THE FLOOD EMERGENCY RESPONSE PLANS APPENDED TO THIS REPORT IS TO BE PROVIDED TO THE RESIDENTS OF THE DWELLING.

APPROVED DA WORK RAISED UP ABOVE NGL TO ALLOW FLOOD WATER STORAGE UNDER GARAGE ADDITION VEHICLE CROSSING AS PER APPROVED DA 2022/1956 **IOUSE FOOTPRINT** HOUSE ADDITION NEW IN GROUND POOL 31m<sup>2</sup> House Residential Alterations & Additions 15 RIVERVIEW PARADE, NORTH MANLY

LEGEND

BUILDING: EXISTING HOUSE SITE STRUCTURES ON GROUND (AS IS) PORTION OF PROPOSED BLD & OTHER ABOVE GROUND SITE STRUCTURES RAISED UP ABOVE NGL FOR FLOOD

BUILDING: NEW SWIMMING POOL IN GROUND (NEW) SITE FLOOD STORAGE AREA
INCLUDE VOID AREAS BELOW GROUND LEVEL FLOOR TO
ALLOW STORAGE OF FLOOD WATERS UNDERNEATH

EXISTING SITE STORAGE AREA CALCULATION

580.6m² SITE AREA -144.0m² EXISTING HOUSE (ON GROUND)

436.6 m² EXISTING SITE FLOOD WATER STORAGE AREA

PROPOSED SITE STORAGE AREA CALCULATION

580.6m² SITE AREA - 099.0m² PART OF EXISTING HOUSE RETAINED (ON GROUND) 031.0m² NEW SWIMMING POOL (IN GROUND) 450.6 m² PROPOSED SITE FLOOD WATER STORAGE AREA

**Note:**No net loss of overall site flood storage area as a result of the proposed Garage DA on the site.

# NOTES

+ SITE SURVEY INFORMATION:
THE SITE INFORMATION HERIN HAS BEEN TRANSPOSED FROM
THE TSS SURVEY PLANS #201738. REFER TO THIS SURVEY
DRAWING TO CONFIRM BOUNDARIES, EXISTING FEATURES, LEVELS & DATUM. HOUSE WALL MEASUREMENTS [INTERNAL] BY TSS SURVEY PLANS #201738-2 TO BE CONFIRMED ON SITE BY BUILDER BEFORE CONSTRUCTION COMMENCES.

+ COORDINATION:
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# + DETAIL DRAWINGS: UNLESS NOTED OTHERWISE REFER TO DETAIL DRAWINGS FOR SET-OUT INFORMATION. DETAIL DRAWINGS AT LARGER SCALES

TAKE PRECEDENCE OVER GENERAL ARRANGEMENT DRAWINGS AT SMALLER SCALES. IF IN DOUBT NOTIFY ARCHITECT FOR DIRECTION PRIOR TO PROCEEDING WITH THE WORKS. + EXECUTION OF THE WORKS:

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# COUNCIL AND/OR OTHER AUTHORITIES.

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BCA AND COUNCIL BUILDING REQUIREMENTS.

# DU PLESSIS DU PLESSIS ARCHITECTS

20 MULGOWRIE CRESCENT BALGOWLAH HEIGHTS NSW 2093

0403944576 e@droom.com.au www.droom.com.au REGISTERED ARCHITECT: #7435

NOMINATED ARCHITECT: Eugene du Plessis

PROJECT TITLE:
HOETMER
House - Garage DA

Ken & Meaghan Hoetmer

15 Riverview Parade North Manly NSW 2100

DRAWING TITLE: FLOOD PLANS

D DU PLESSIS E DU PLESSIS

SCALE:

1:100 [A1]

DRAWING NO:

DA.101

D.P. 366644 SITE AREA 580.6m<sup>2</sup>

A1 SHEET

24.07.2024

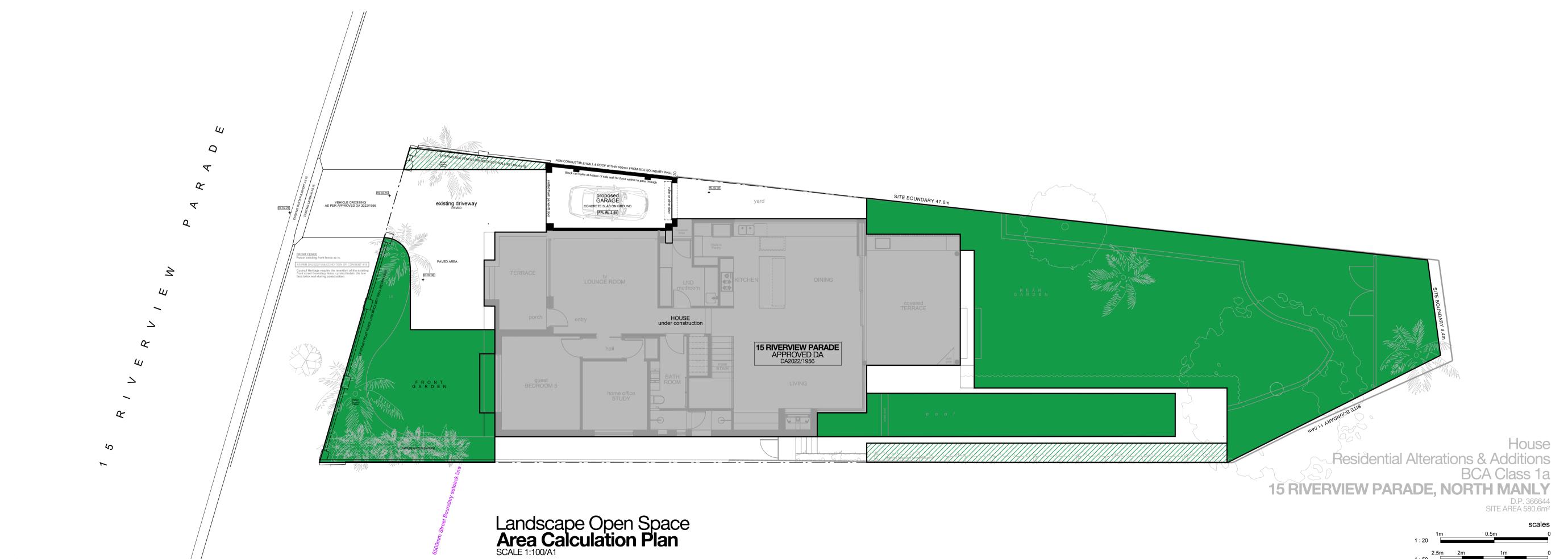
DEVELOPMENT APPLICATION

PROPOSED LANDSCAPED AREA

LANDSCAPE OPEN SPACE [LOS] AREA CALCULATIONS

LANDSCAPE OPEN SPACE AREA = 44% (DCP Requirement 40%)

NOTE: THE PROPOSED GARAGE ADDITION WILL RESULT IN ZERO CHANGE TO THE APPROVED HOUSE DA LANDSCAPE OPEN SPACE AREAS.



LEGEND

SITE BOUNDARY
AS PER SITE SURVEY PLAN

LANDSCAPED AREA
AS PER NBC COUNCIL LEP DEFINITION

LANDSCAPED AREA NOT INCLUDED IN LOR CALCULATIONS NARROW PLANTING STRIPS <2m

NOTES

+ SITE SURVEY INFORMATION:
THE SITE INFORMATION HERIN HAS BEEN TRANSPOSED FROM
THE TRUE NORTH SURVEY PLAN #8706DU. REFER TO THIS
SURVEY DRAWING TO CONFIRM BOUNDARIES, EXISTING
FEATURES, LEVELS & DATUM. HOUSE WALL MEASUREMENTS
[INTERNAL] BY THE ARCHITECT TO BE CONFIRMED ON SITE
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ALL WORKS TO BE IN ACCORDANCE WITH THE RELEVANT AS BCA AND COUNCIL BUILDING REQUIREMENTS.

DU PLESSIS
DU PLESSIS ARCHITECTS

20 MULGOWRIE CRESCENT BALGOWLAH HEIGHTS NSW 2093

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PROJECT TITLE:
HOETMER
House - Garage DA

Ken & Meaghan Hoetmer

ADDRESS:
15 Riverview Parade
North Manly NSW 2100

COUNCIL LOS
AREA CALCULATION PLAN

D DU PLESSIS E DU PLESSIS

1:100 [A1]

DRAWING NO:

DA.201

A1 SHEET

24.07.2024

DEVELOPMENT APPLICATION