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17th August 2023

Daylight and Sunlight Assessment to the surrounding properties at 13 Kemplay Road, NW3 1TA

This report assesses the levels of daylighting and sunlighting received by the surrounding properties at 13 Kemplay Road, NW3 1TA.

The proposed development has been altered in a way to increase the natural light entering the proposed windows and rooms and also received to the neighbouring properties at 15 and 17 Kemplay Road

Our analysis was carried out in accordance with the latest criteria set out for national discretionary guidance in the publication Site Layout Planning for Daylight and Sunlight published by the Building Research Establishment (the BRE Report).

RESULTS: SURROUNDING PROPERTIES

Daylighting (Vertical Sky Component or VSC)	
Pass Rate (Previous Assessment)	Pass Rate (Changes Applied)
100%	100%
Daylight Distribution (NSL or DD)	
Pass Rate (Previous Assessment)	Pass Rate (Changes Applied)
100%	100%
Annual Probable Sunlight Hours (APSH)	
Pass Rate (Previous Assessment)	Pass Rate (Changes Applied)
100%	100%

Pass rate comparison

Daylighting has been assessed using the Vertical Sky Component (VSC) test to 10 windows of which all 10 pass the BRE guidelines. This equates to an 100% pass rate.

It is important to note that VSC is a spot measurement taken from the centre point of a window. This method of assessing daylight does not consider the size or number of windows serving a room. Therefore, these results should be read in conjunction with the internal daylighting figures.

Other methods of calculations have been assessed using the annual Probable Sunlight Hours (APSH) to the 10 windows and Daylight Distribution (NSL) methodologies to 10 rooms.

Results demonstrate that the 10 rooms meet the BRE recommended NSL levels. This equates to a 100% pass rate for both tests.

Sunlighting has been assessed in 10 windows, all windows meet the BRE recommended levels for summer months and all 10 windows meet the BRE recommended levels for winter months.

Based on the above results, we can confirm that the proposed alterations made from the previous submission are effective in improving the daylighting and sunlighting conditions to the proposed development and the neighbouring buildings 15 and 17 Kemplay Road. The development is more than suitable, and the figures demonstrate that internal daylighting will be sufficient and provide for good homes for occupiers to enjoy.



Daniel Keen-Gray
Senior Technical Rights of Light and Daylight/Sunlight Analyst





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12 Dorrington Street.



DO NOT SCALE OFF DRAWINGS. USE FIGURED DIMENSIONS ONLY.
IN THE CASE OF DISCREPANCIES IN DRAWN INFORMATION PLEASE NOTIFY ARCHITECT.

SOURCES

EXISTING AND SURROUNDING PROPERTIES

002410_Kemplay Road.Hampstead_HD_MASTER.dwg

Data Received on 14th January 2022.

PROPOSED

Charlton Brown Architecture & Interiors Proposed Scheme.

Plans and Elevations
Data Received on 23rd June 2023

Data received on 19th June 2019.

NEIGHBORING PROPERTY INTERNAL LAYOUT
4M for Residential and 6M for Commercial Assumed Layouts

N/A for Residential and SM for Commercial/Assumed Exposed.

Key

Surroundings

Existing

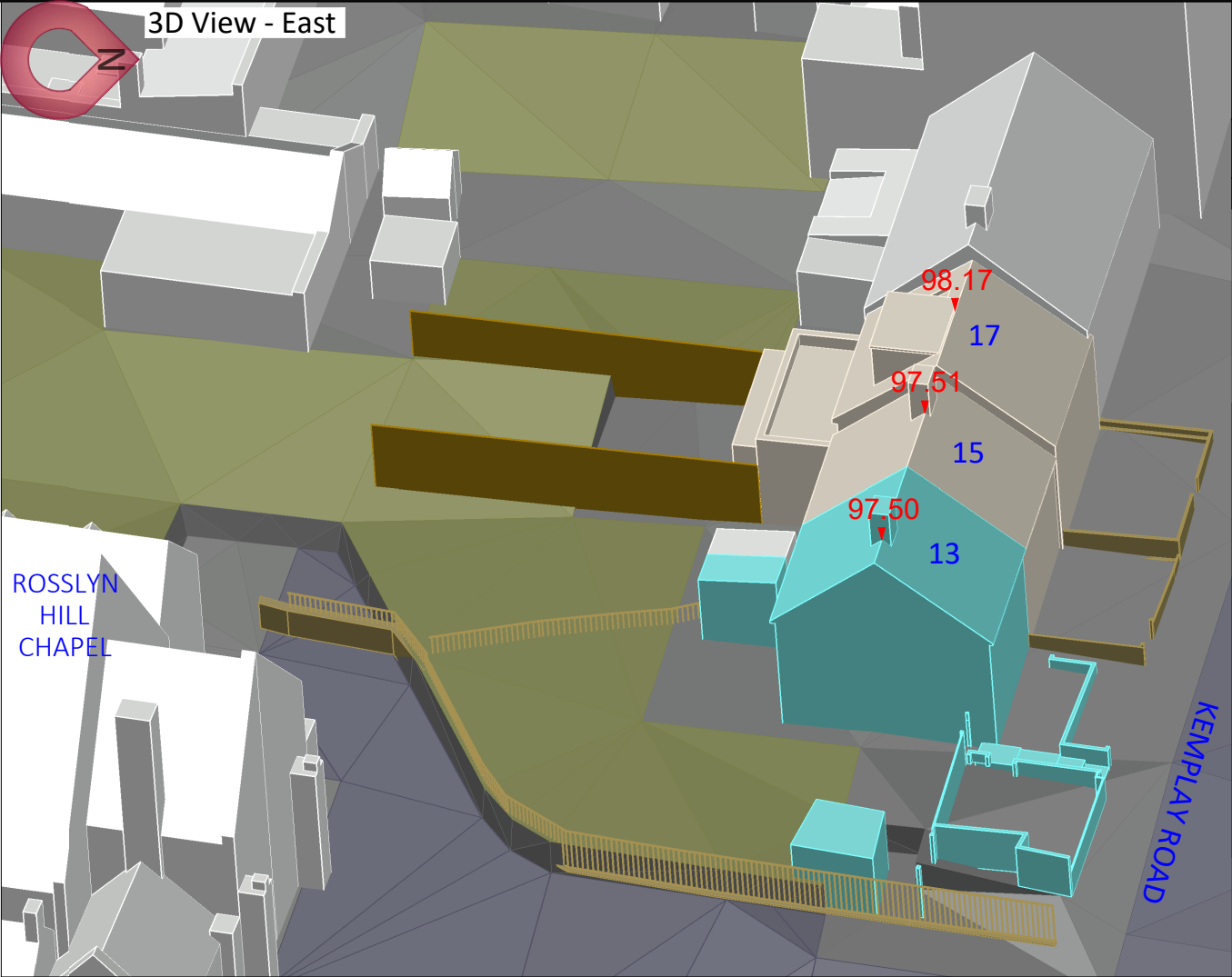
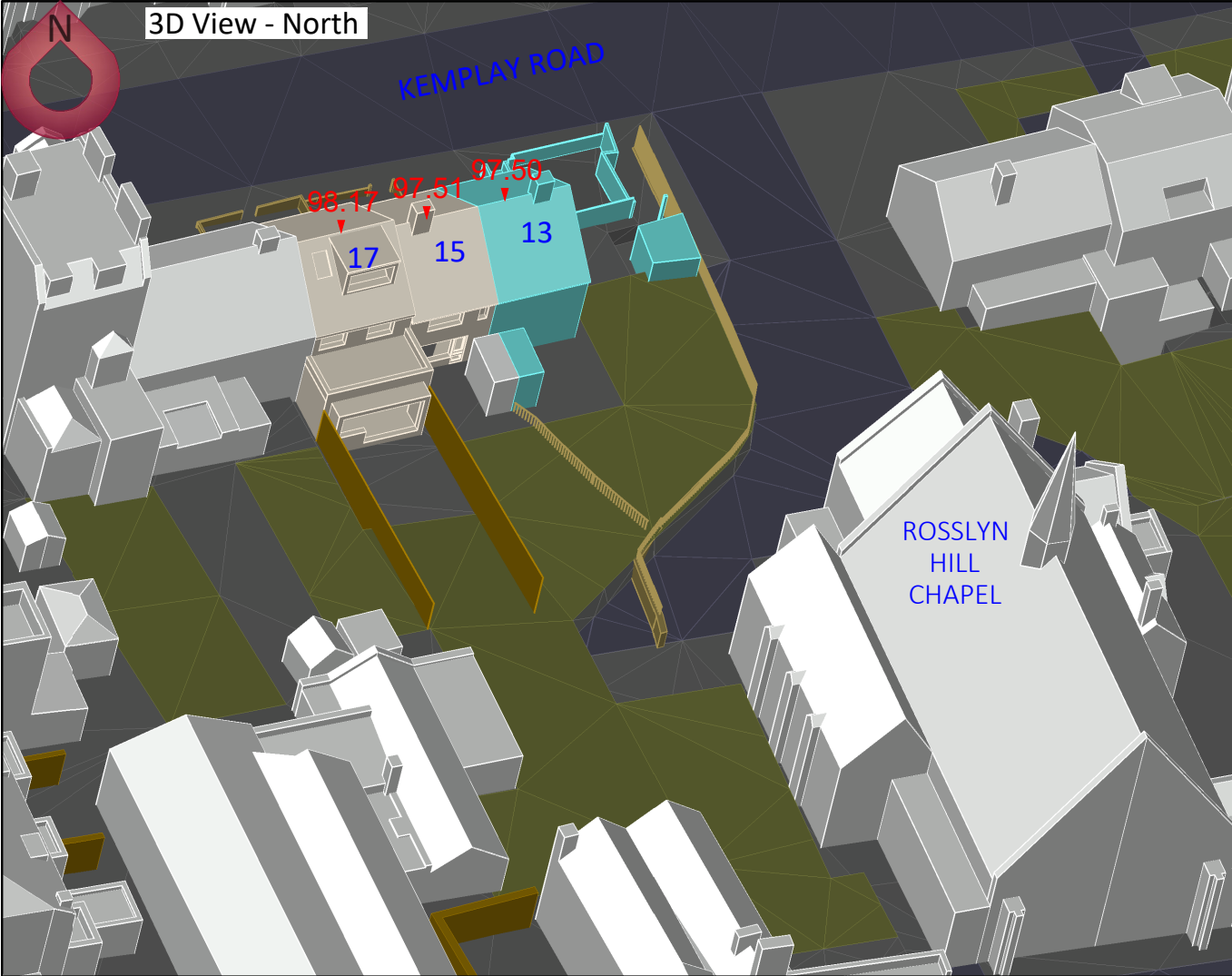
Site Plan Existing

Client
MRPP

Project
13 Kemplay Rd,
Vale Of Health, Hampstead,
NW3 1TA

Drawing Title	Existing Site Plan
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Drawn By	Checked By	Scale	Date
DKG	EW	NTS	17/08/2023
Project No./Drawing Type/Drawing No.			Release No.
26780_EX2D_01			2



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CLICK FOR LINKS

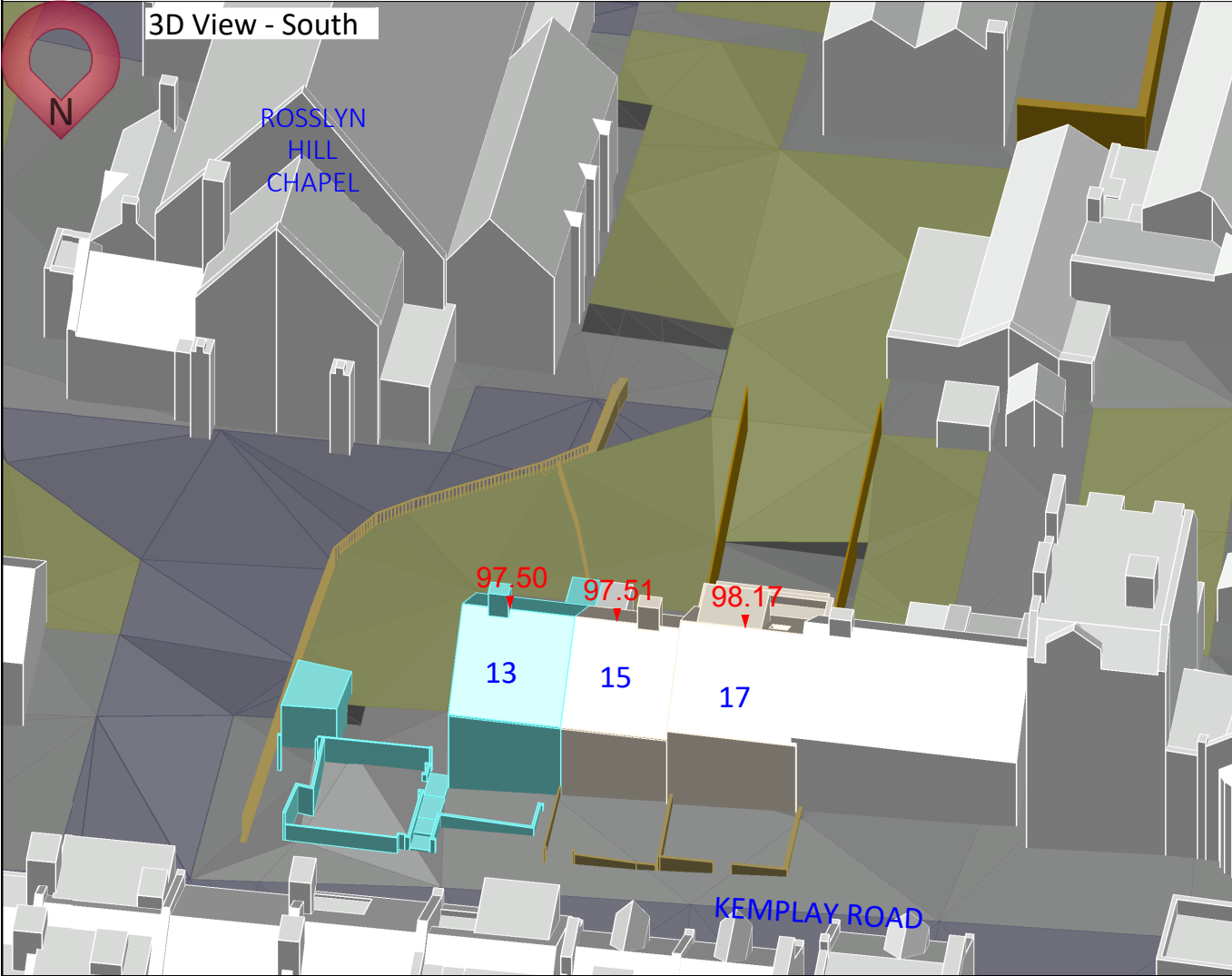
DO NOT SCALE OFF DRAWINGS. USE FIGURED DIMENSIONS ONLY.
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ANALYSIS UNDERTOOK USING MISS SURVEY SOFTWARE FOR DAYLIGHT/SUNLIGHT. RTL.

SOURCES
EXISTING AND SURROUNDING PROPERTIES
3D Model, ZMap based model
002410_Kemplay Road,Hampstead_HD_MASTER.dwg
Data Received on 14th January 2022.

PROPOSED
Charlton Brown Architecture & Interiors Proposed Scheme.
Plans and Elevations
Data Received on 23rd June 2023.

NEIGHBORING PROPERTY INTERNAL LAYOUT
4M for Residential and 6M for Commercial Assumed Layouts.

Site Location Plan



Key

- Surroundings
- Existing
- Height in Meters

3D View Existing

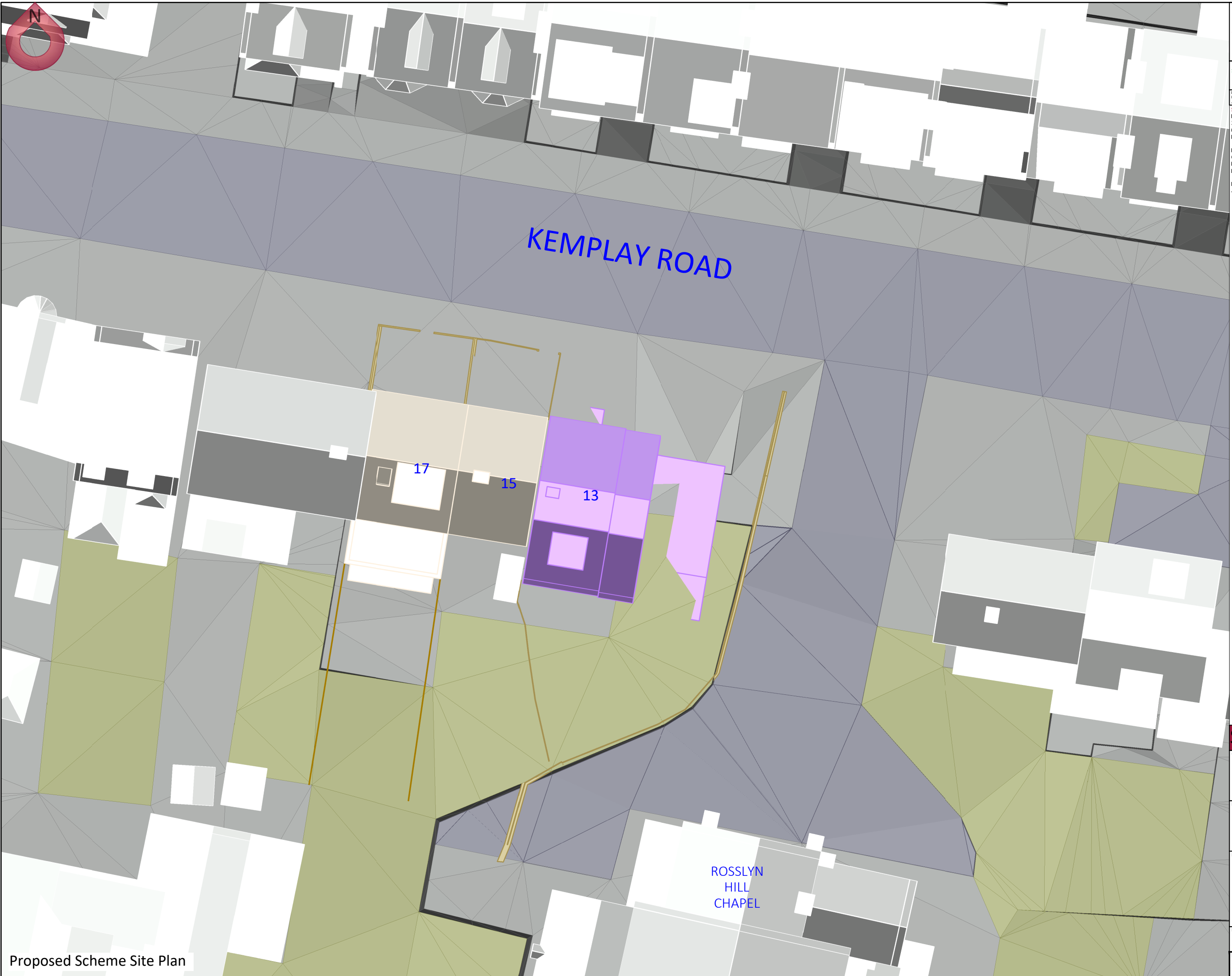
Client
MRPP

Project
13 Kemplay Rd,
Vale Of Health, Hampstead,
NW3 1TA

Drawing Title
3D Views of Existing Site

Drawn By	Checked By	Scale	Date
DKG	EW	NTS	17/08/2023

Project No./Drawing Type/Drawing No.	Release No.
26780_ EX3D_02	2



SOURCES
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002410_Kemplay Road,Hampstead_HD_MASTER.dwg
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NEIGHBORING PROPERTY INTERNAL LAYOUT
4M for Residential and 6M for Commercial Assumed Layouts.

Key

Surroundings

Proposed

Site Plan Proposed

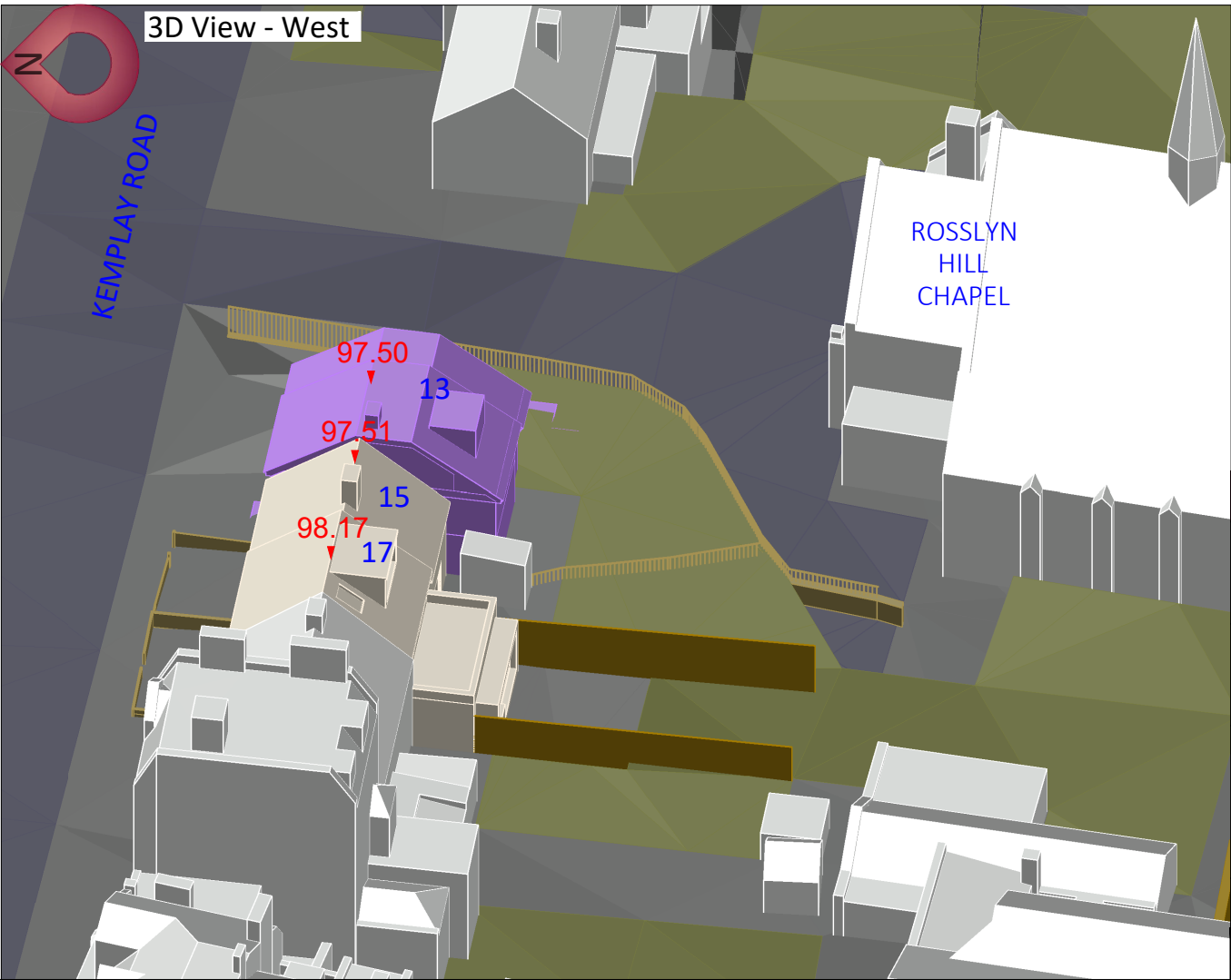
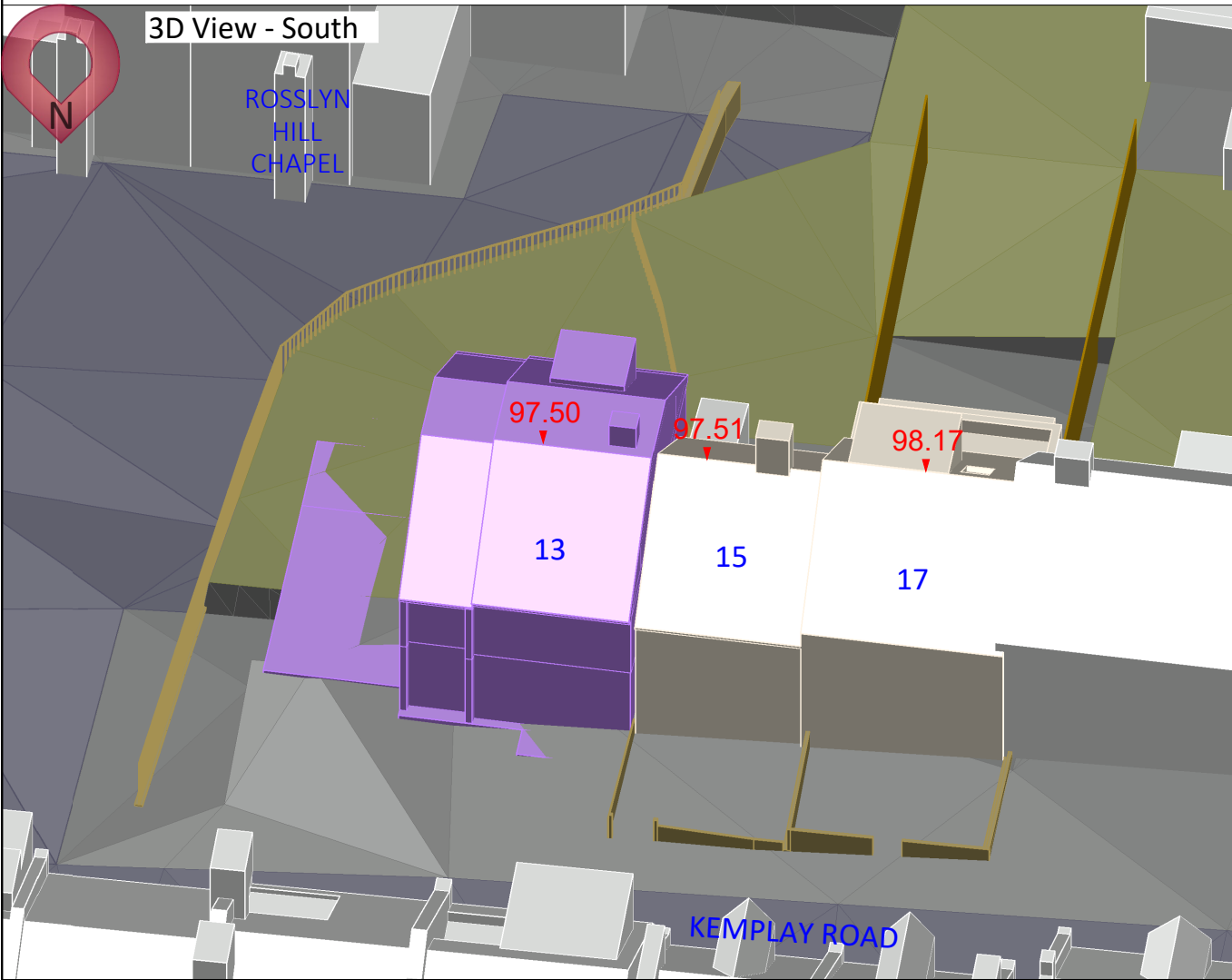
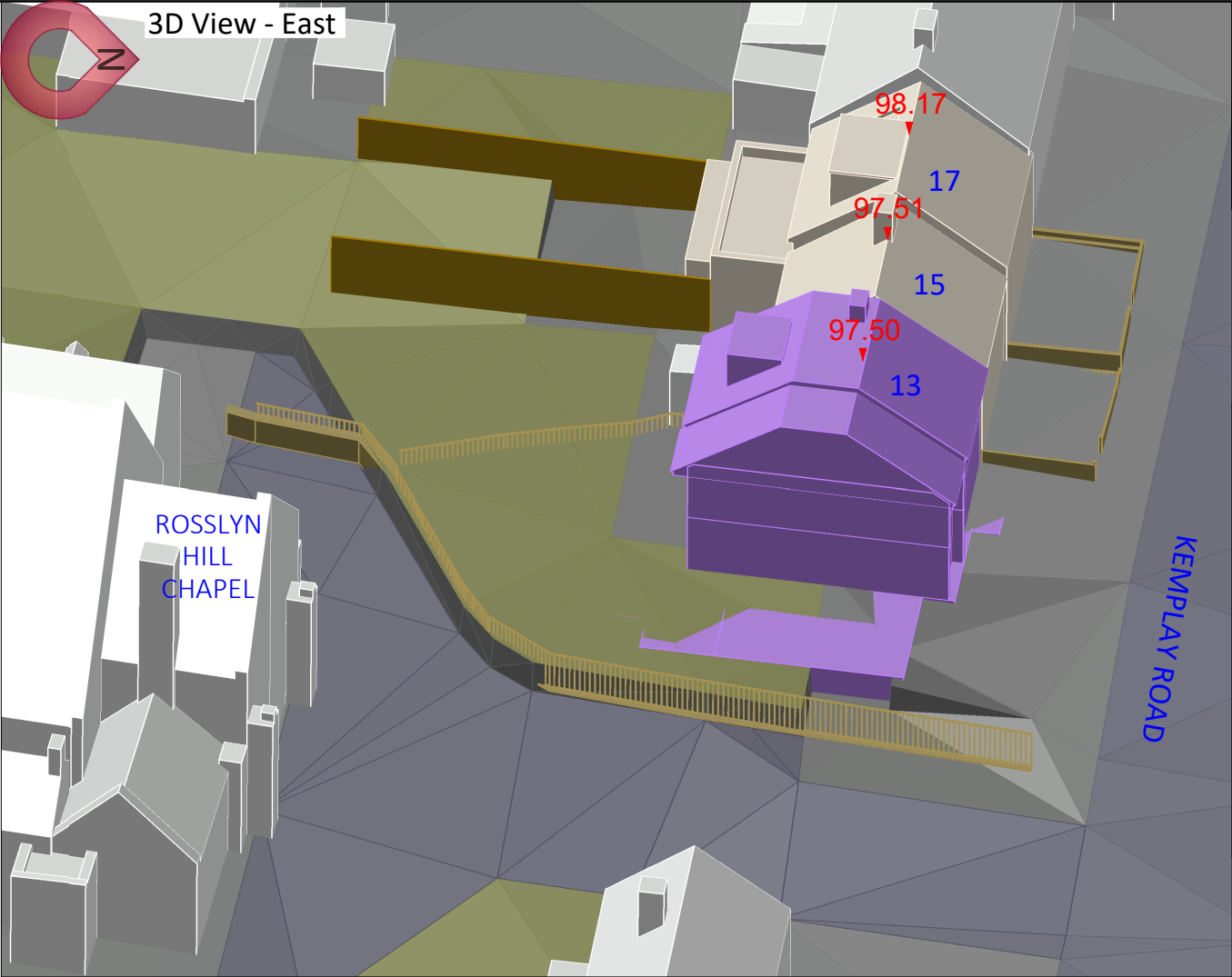
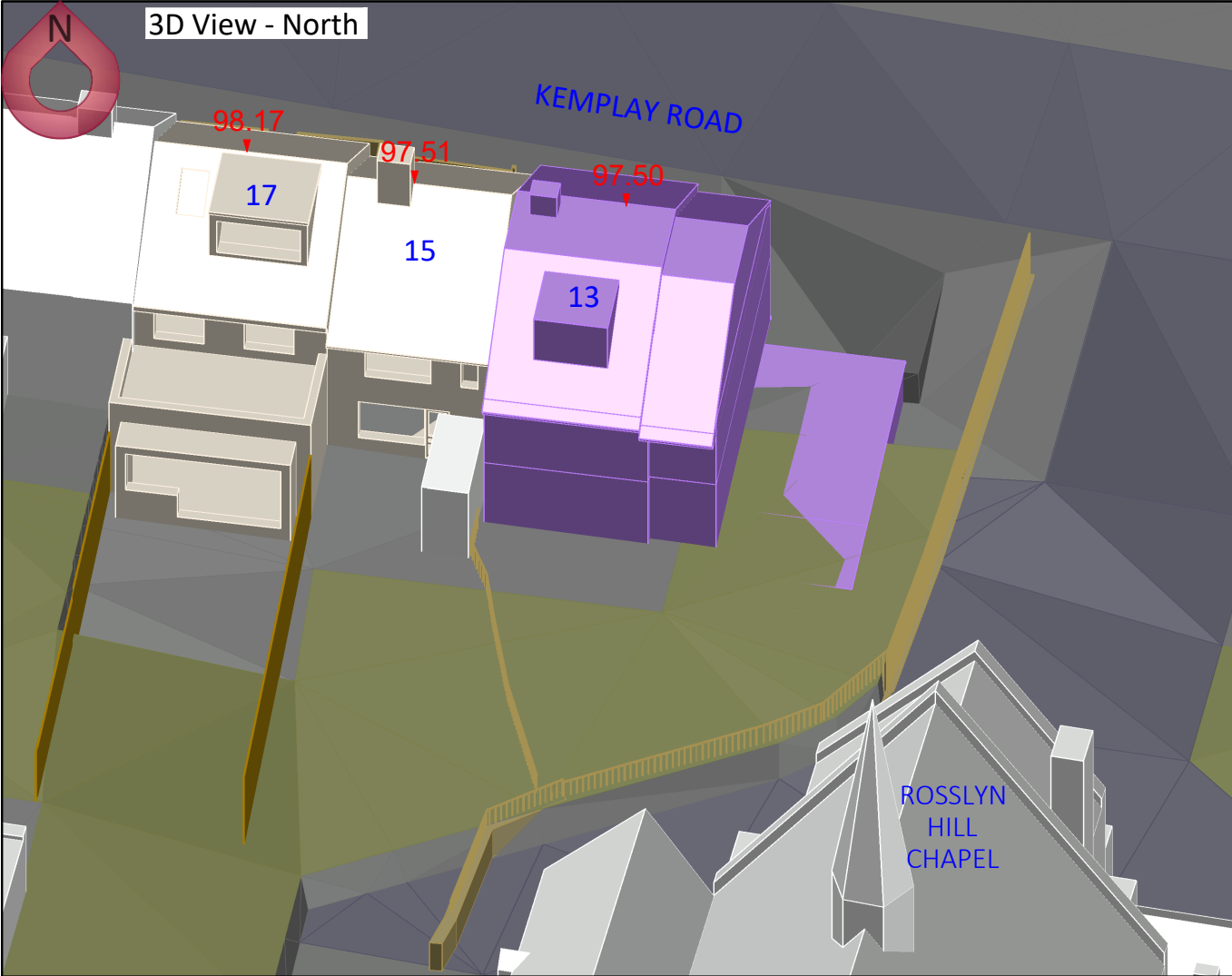
Client	MRPP
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Project
13 Kemplay Rd,
Vale Of Health, Hampstead,
NW3 1TA

Drawing Title

Proposed Scheme Site Plan

Drawn By	Checked By	Scale	Date
DKG	EW	NTS	17/08/2023
Project No./Drawing Type/Drawing No.			Release No.
26780_ PR2D_03			2



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PROPOSED
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Plans and Elevations
Data Received on 23rd June 2023.

NEIGHBORING PROPERTY INTERNAL LAYOUT
4M for Residential and 6M for Commercial Assumed Layouts.

Site Location Plan

Key

- Surroundings
- Proposed
- Height in Meters

3D View Proposed

Client
MRPP

Project
13 Kemplay Rd,
Vale Of Health, Hampstead,
NW3 1TA

Drawing Title
3D Views of the Proposed Scheme

Drawn By	Checked By	Scale	Date
DKG	EW	NTS	17/08/2023

Project No./Drawing Type/Drawing No.	Release No.
26780_ PR3D_04	2



KEMPLAY ROAD

15

Ground
R1
LD

W1

W3

15 Kemplay Rd - Ground Floor



KEMPLAY ROAD

15

First
R1
Bedroom

W1

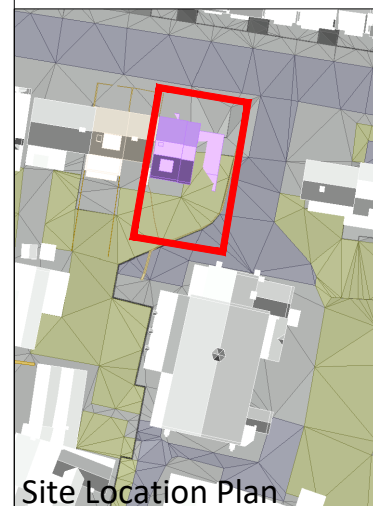
15 Kemplay Rd - First Floor



SOURCES
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3D Model, ZMap based model
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NEIGHBORING PROPERTY INTERNAL LAYOUT
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Site Location Plan

Key

 Existing Contour

 Proposed Contour

Room Outline

 Area of Loss



Daylight Distribution

Client
MRPP

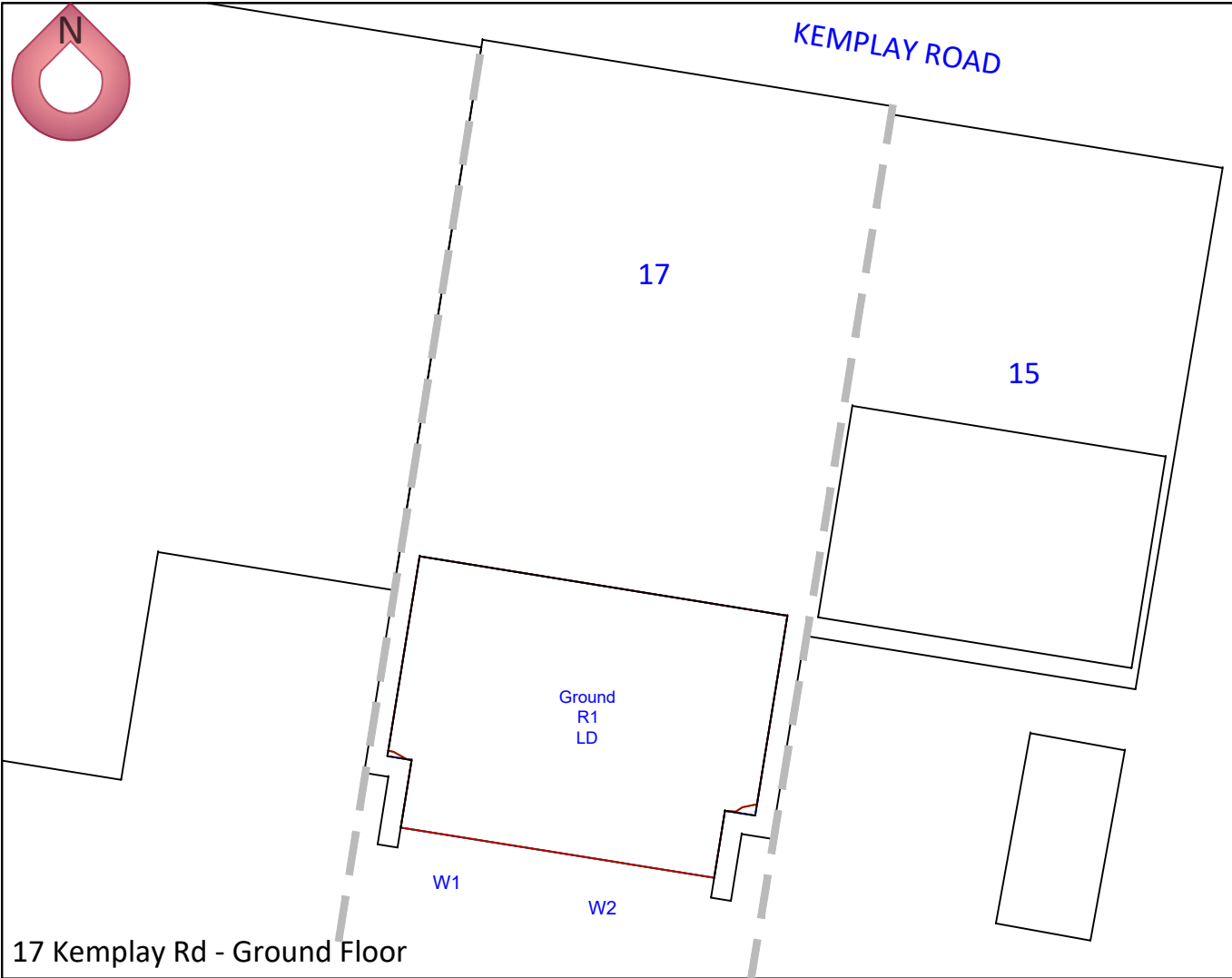
Project
13 Kemplay Rd,
Vale Of Health, Hampstead,
NW3 1TA

Drawing Title

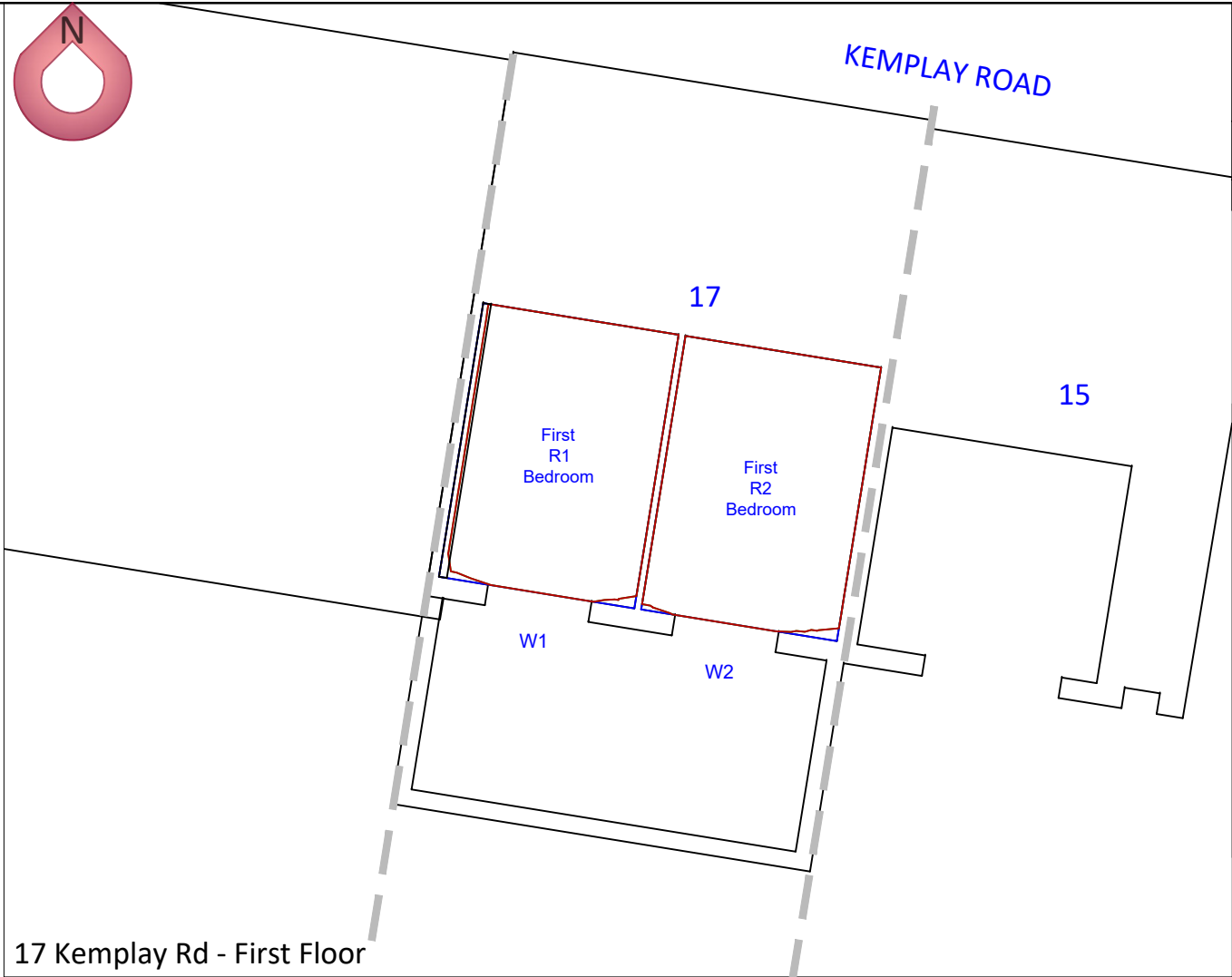
Daylight Distribution Contours
15 Kemplay Rd Vs the Proposed
Scheme

Drawn By	Checked By	Scale	Date
DKG	EW	NTS	17/08/2023

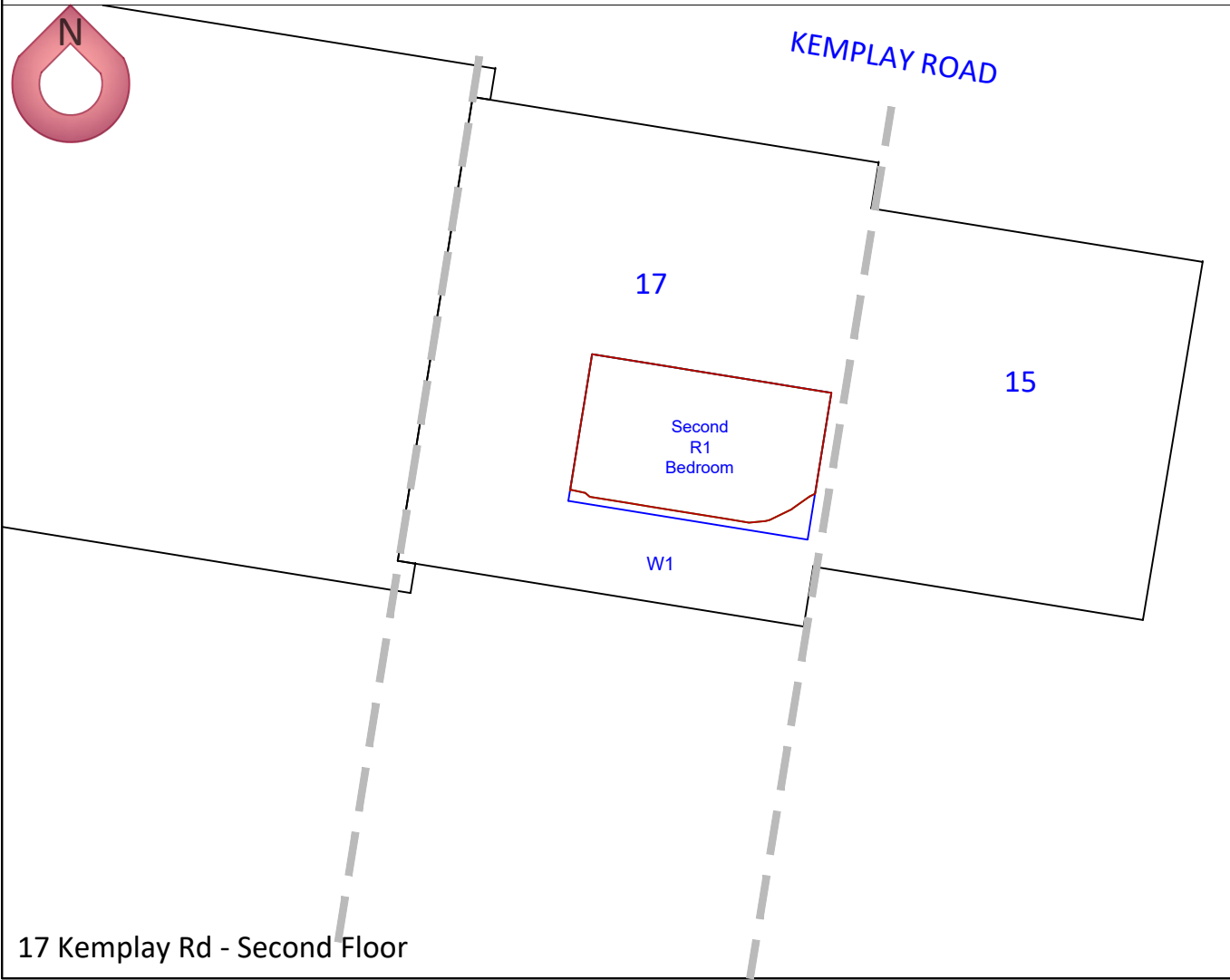
Project No./Drawing Type/Drawing No.	Release No.
26780 DD 01	2



17 Kemplay Rd - Ground Floor



17 Kemplay Rd - First Floor



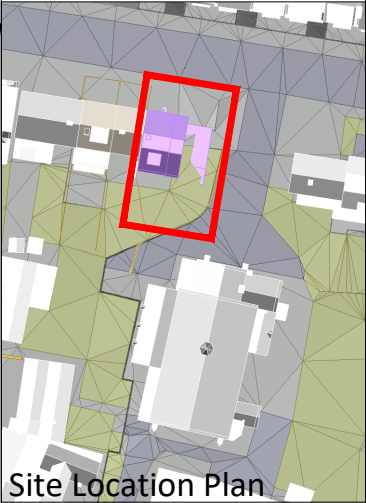
17 Kemplay Rd - Second Floor

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4M for Residential and 6M for Commercial Assumed Layouts.



Site Location Plan

Key

- Existing Contour
- Proposed Contour
- Room Outline
- Area of Loss
- R1

Client			
MRPP			
Project			
13 Kemplay Rd, Vale Of Health, Hampstead, NW3 1TA			
Drawing Title			
Daylight Distribution Contours 17 Kemplay Rd Vs the Proposed Scheme			
Drawn By	Checked By	Scale	Date
DKG	EW	NTS	17/08/2023
Project No./Drawing Type/Drawing No.			Release No.
26780_DD_02			2