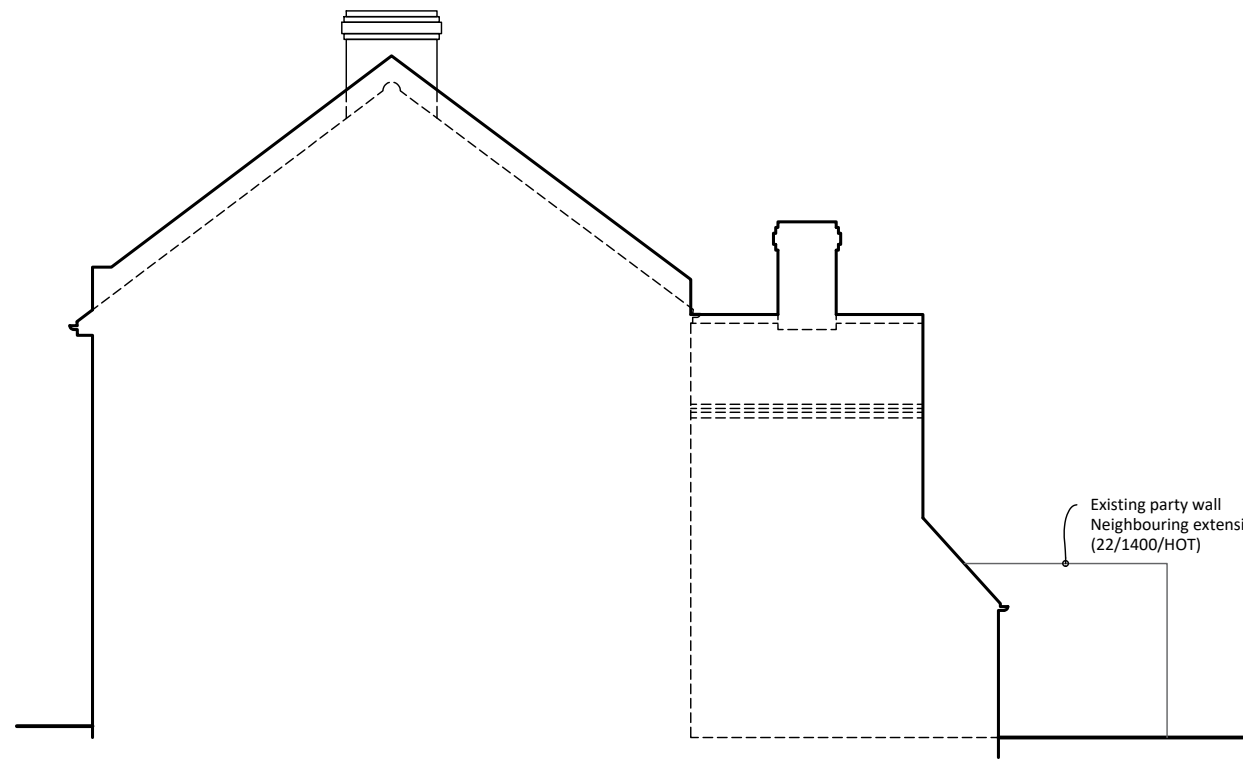
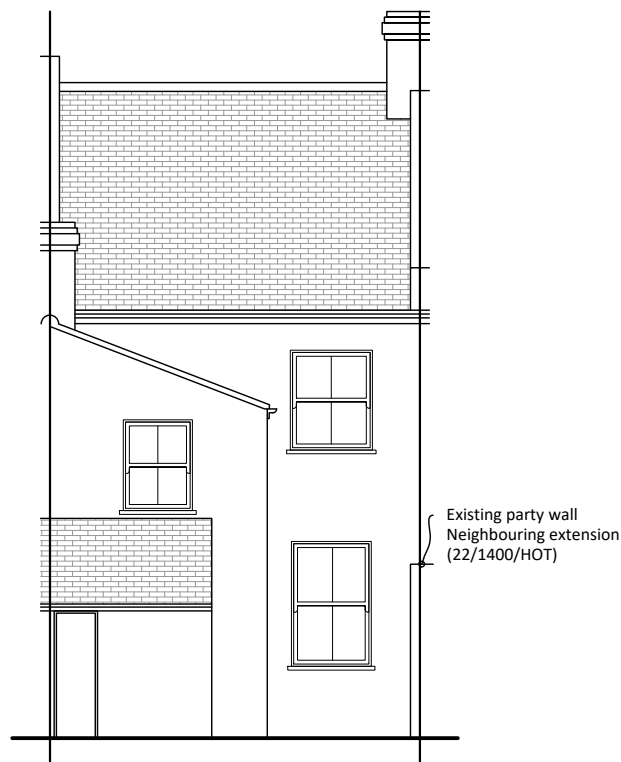


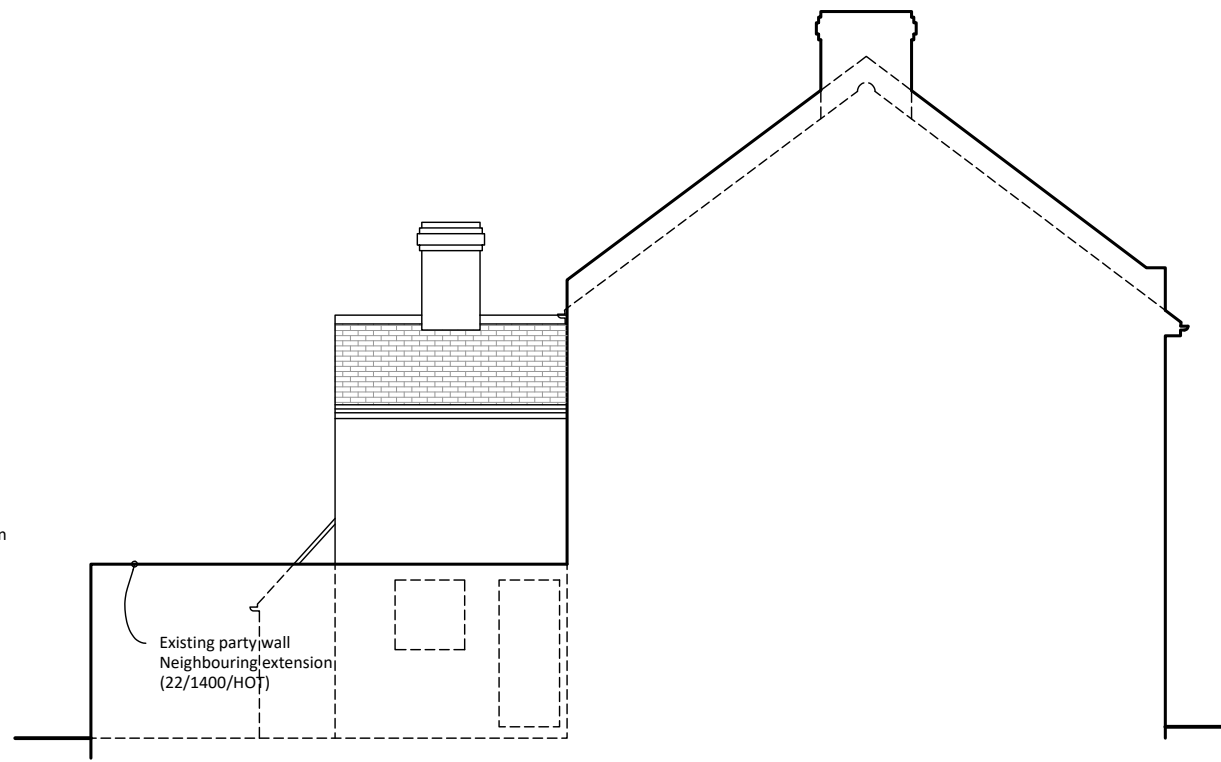
Pre-Existing Front Elevation
Scale 1/100@A3



Pre-Existing RHS Elevation
Scale 1/100@A3



Pre-Existing Rear Elevation
Scale 1/100@A3



Pre-Existing LHS Elevation
Scale 1/100@A3

Comments

Notes:

The General contractor is responsible for the verification of all dimensions on site and shall inform the contract administrator of any discrepancies.

Do not scale from this drawing unless for Planning purposes. Use figure dimensions only for construction purposes.

Existing foundations, lintels and wall to be exposed if required by Building Control for assessment and upgrading if found inadequate.

Fire Precautions:

All doors marked with FD30 to be to current British Standards.
All new fire doors to be fitted with 3x4" steel butt hinges or 3x30min fire rated hinges, with appropriate CE and BS EN stamps on each hinge if using brass or chrome.

Self contained mains operated interlinked smoke alarms (BS 5446) and fitted with battery backup to be provided to all landings and hall ceiling shown as (SD).

Date	Description	Rev
28.11.24	Titles changes to Pre-Existing & Existing.	I
28.05.24	Structural amendments	G
26.04.24	Party Wall - Structure	F
28.03.24	Client's amendments	C
14.03.24	Client's amendments	B
11.02.24	Client's amendments	A
06.03.24	Preliminary Plans	Prelims

MARDESIGN

STRUCTURAL ENGINEER
Mob: 07810 840 890
E-mail: carmen.mar design@gmail.com

Title

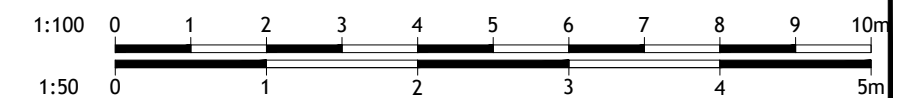
Pre - Existing Elevations

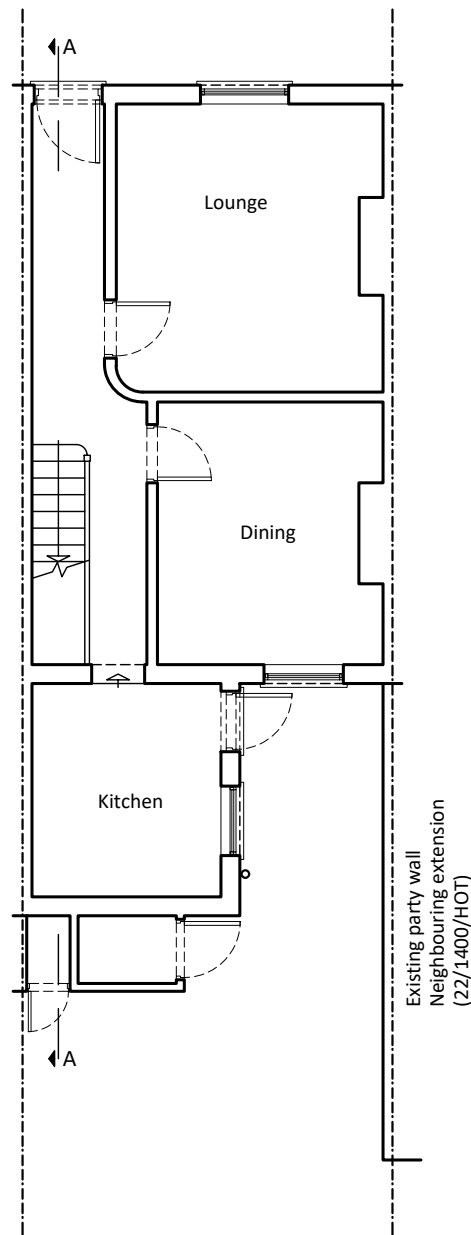
Project

3 Teddington Park, Teddington, TW11 8DB

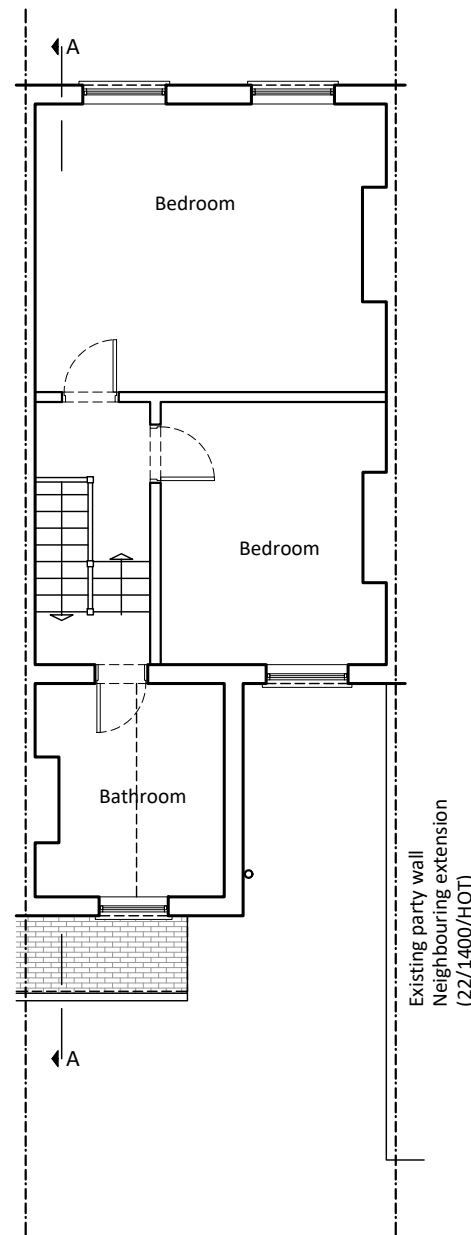
Loft conversion with L-shaped dormer

Date	Scale	Drawn
06.03.24	1/100 @ A3	SK
Job No.	Dwg No.	Checked by
Job No.	01	CM

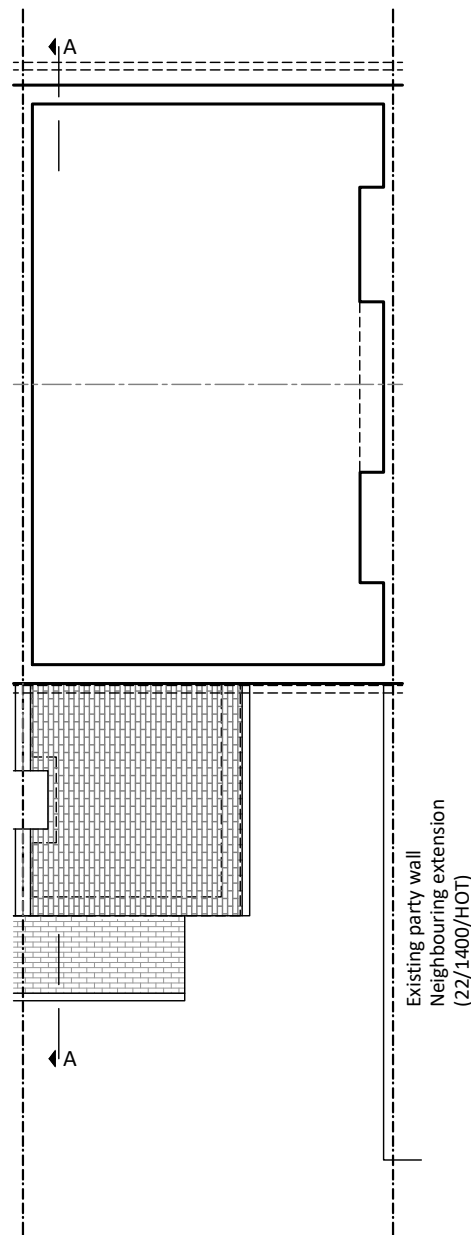




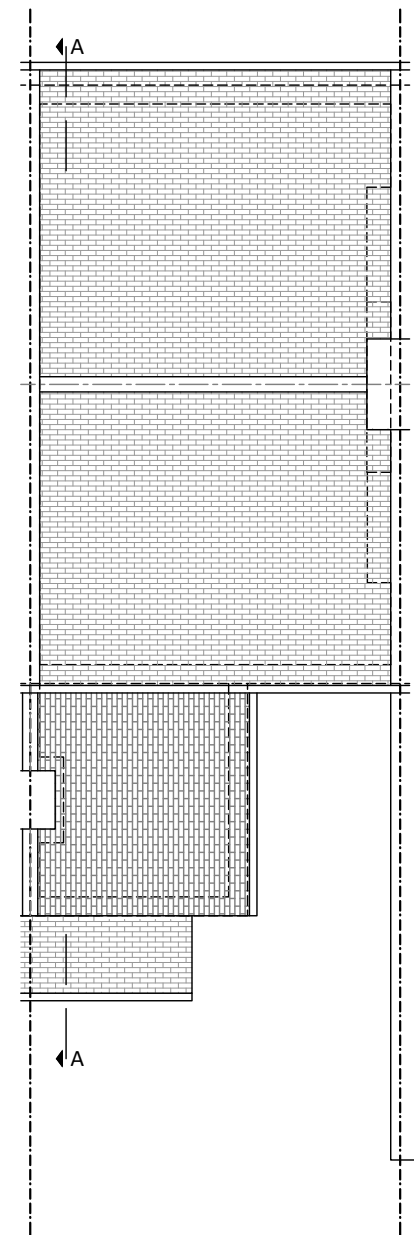
Pre-Existing Ground Floor Plan
Scale 1/100@A3



Pre-Existing First Floor Plan
Scale 1/100@A3



Pre-Existing Loft Plan
Scale 1/100@A3



Pre-Existing Roof Plan
Scale 1/100@A3

Comments

Notes:
The General contractor is responsible for the verification of all dimensions on site and shall inform the contract administrator of any discrepancies.

Do not scale from this drawing unless for Planning purposes. Use figure dimensions only for construction purposes.

Existing foundations, lintels and wall to be exposed if required by Building Control for assessment and upgrading if found inadequate.

Fire Precautions:
All doors marked with FD30 to be to current British Standards.
All new fire doors to be fitted with 3x4" steel butt hinges or 3x30min fire rated hinges, with appropriate CE and BS EN stamps on each hinge if using brass or chrome.

Self contained mains operated interlinked smoke alarms (BS 5446) and fitted with battery backup to be provided to all landings and hall ceiling shown as (SD).

Date	Description	Rev
28.11.24	Titles changes to Pre-Existing & Existing.	I
28.05.24	Structural amendments	G
26.04.24	Party Wall - Structure	F
28.03.24	Client's amendments	C
14.03.24	Client's amendments	B
11.02.24	Client's amendments	A
06.03.24	Preliminary Plans	Prelims

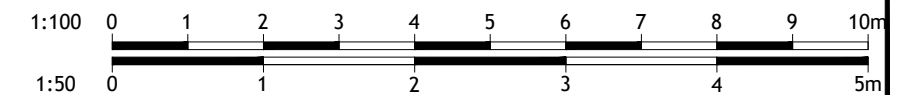
MARDESIGN

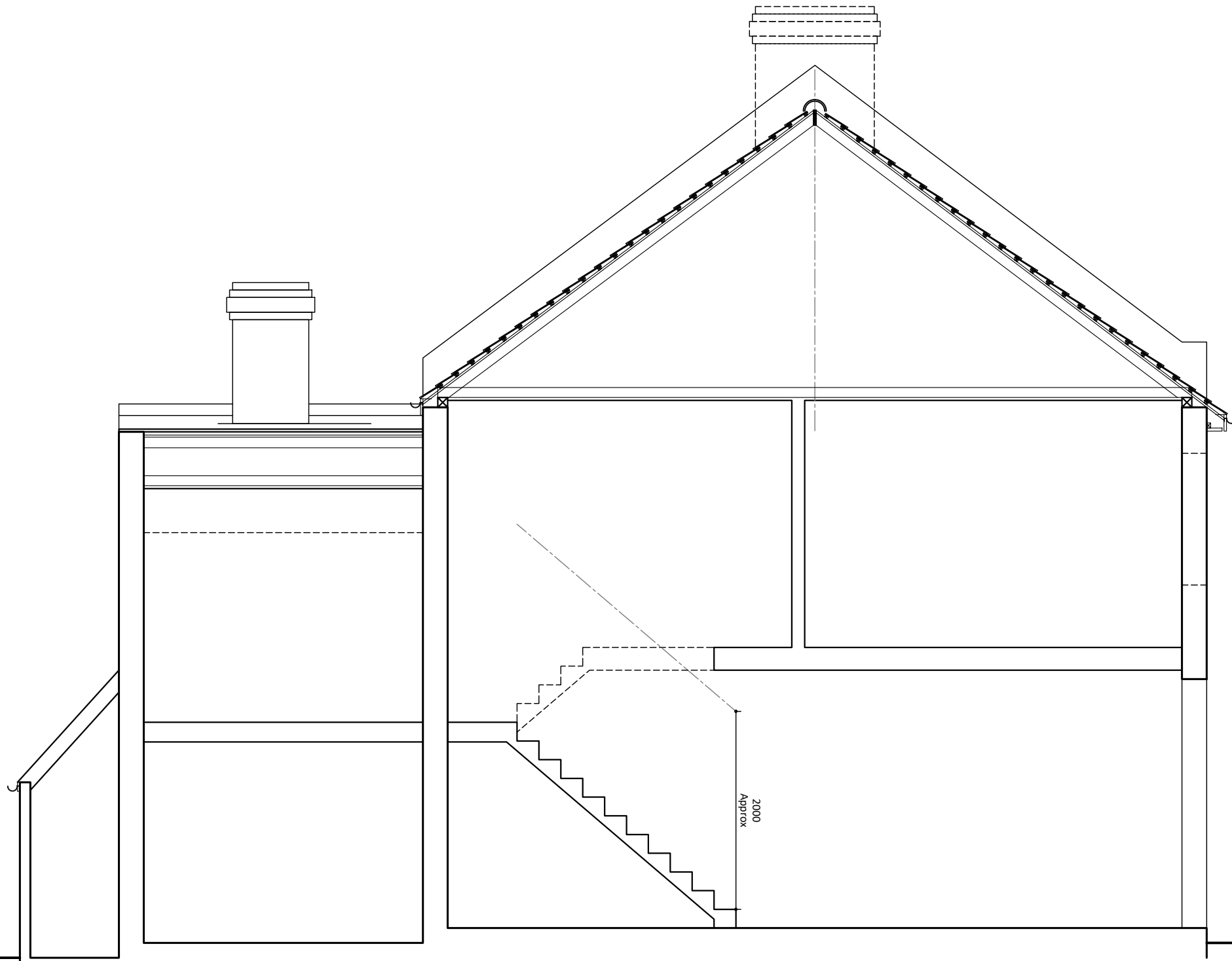
STRUCTURAL ENGINEER
Mob: 07810 840 890
E-mail: carmen.mardesign@gmail.com

Title
Pre-Existing Floor Plans

Project
3 Teddington Park, Teddington, TW11 8DB
Loft conversion with L-shaped dormer

Date	Scale	Drawn
06.03.24	1/100 @ A3	SK
Job No.	Dwg No.	Checked by
Job No.	02	CM





Pre-Existing Section A-A
Scale 1/50@A3

Comments

Notes:
The General contractor is responsible for the verification of all dimensions on site and shall inform the contract administrator of any discrepancies.

Do not scale from this drawing unless for Planning purposes. Use figure dimensions only for construction purposes.

Existing foundations, lintels and wall to be exposed if required by Building Control for assessment and upgrading if found inadequate.

Fire Precautions:
All doors marked with FD30 to be to current British Standards.
All new fire doors to be fitted with 3x4" steel butt hinges or 3x30min fire rated hinges, with appropriate CE and BS EN stamps on each hinge if using brass or chrome.

Self contained mains operated interlinked smoke alarms (BS 5446) and fitted with battery backup to be provided to all landings and hall ceiling shown as (SD).

28.11.24	Titles changes to Pre-Existing & Existing.	I
28.05.24	Structural amendments	G
26.04.24	Party Wall - Structure	F
28.03.24	Client's amendments	C
14.03.24	Client's amendments	B
11.02.24	Client's amendments	A
06.03.24	Preliminary Plans	Prelims
Date	Description	Rev

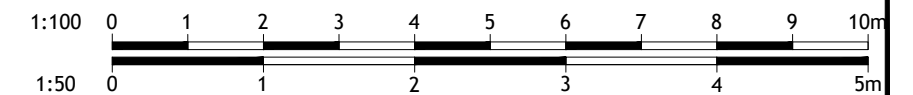
MARDESIGN

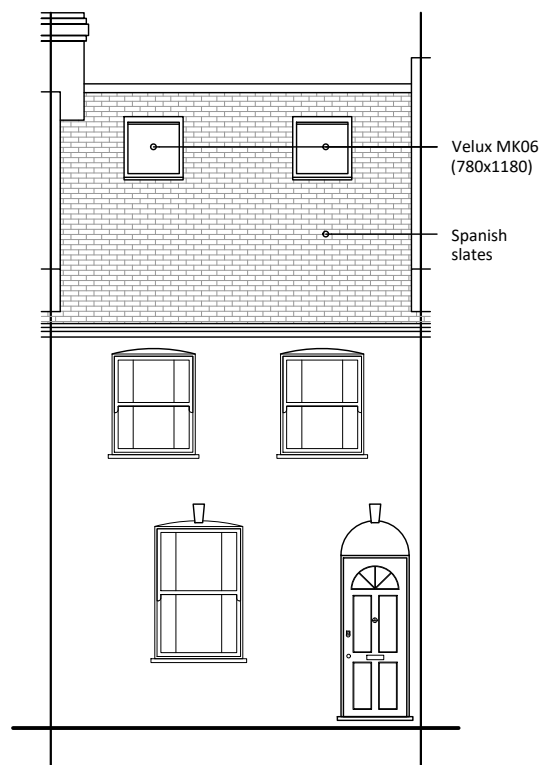
STRUCTURAL ENGINEER
Mob: 07810 840 890
E-mail: carmen.mar design@gmail.com

Title
Pre-Existing Section A-A

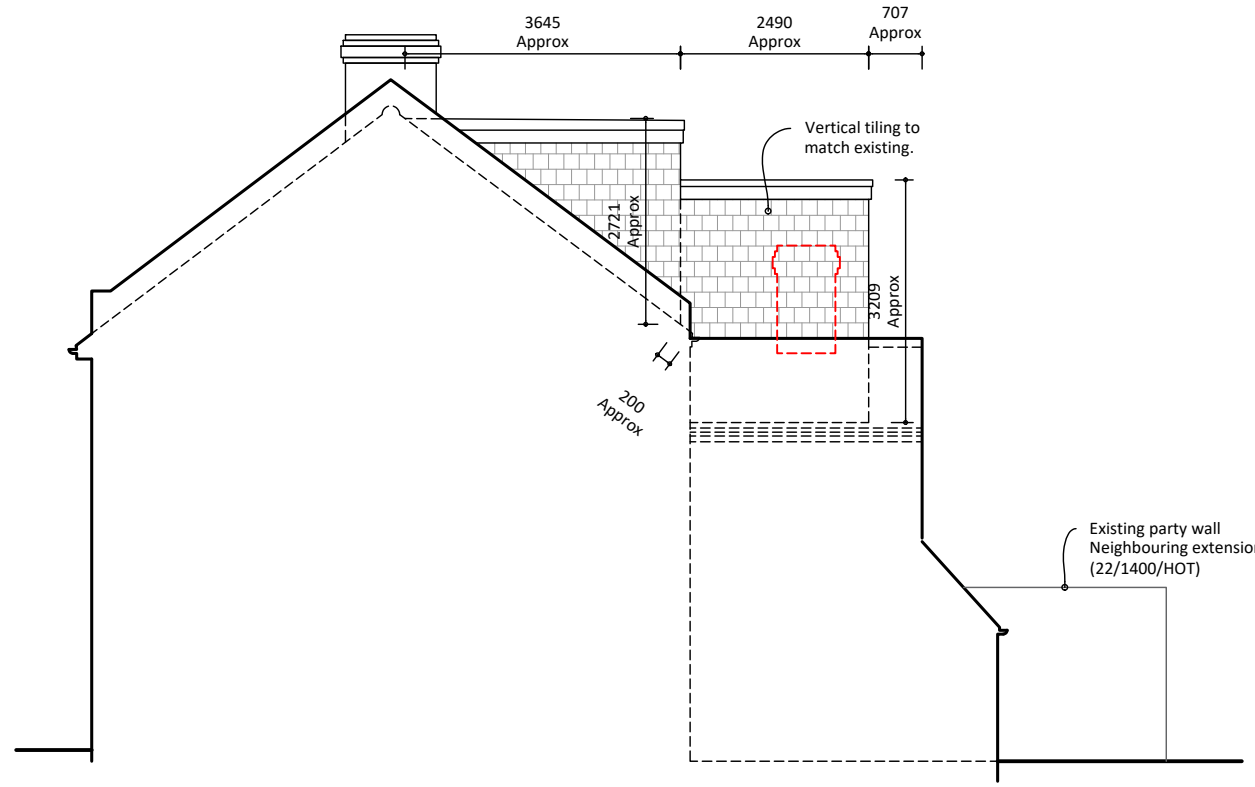
Project
3 Teddington Park, Teddington, TW11 8DB
Loft conversion with L-shaped dormer

Date 06.03.24	Scale 1/50 @ A3	Drawn SK
Job No. Job No.	Dwg No. 03	Checked by CM

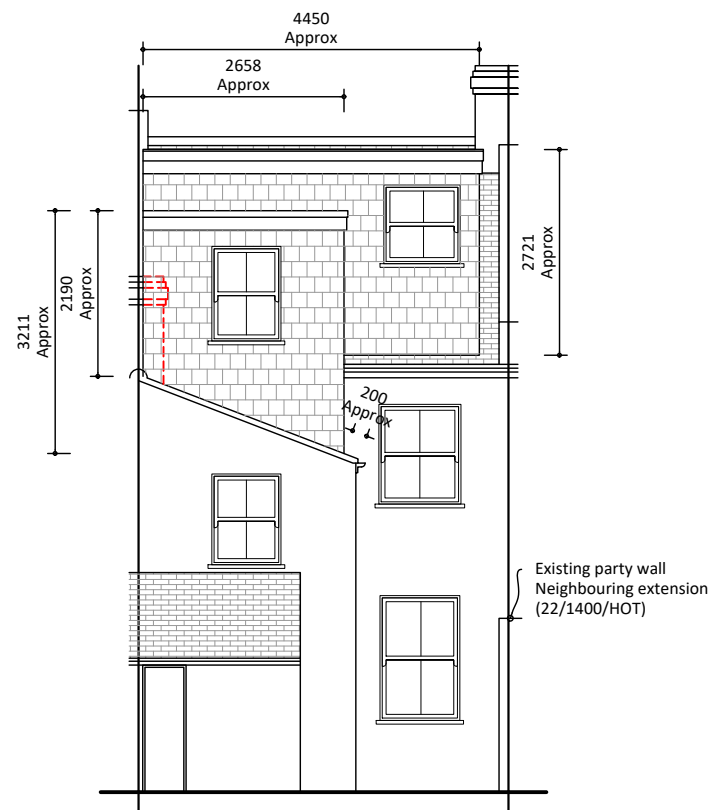




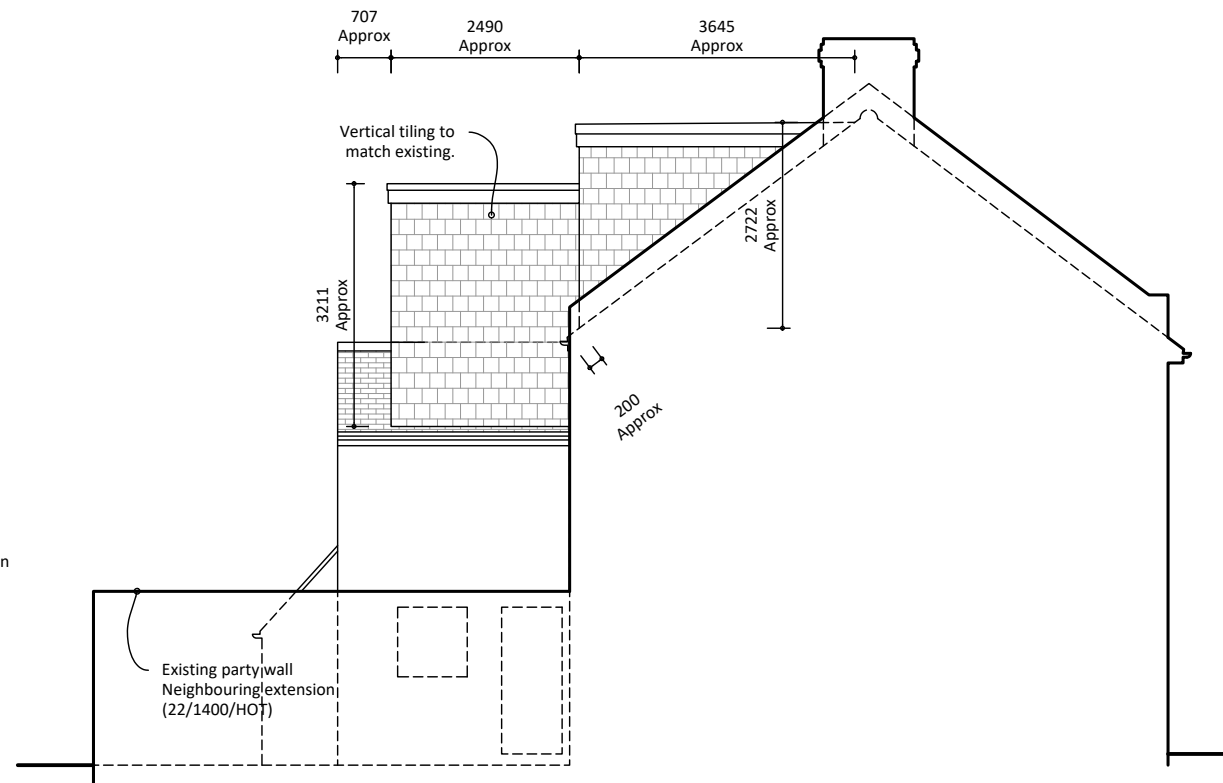
Existing Front Elevation
Scale 1/100@A3



Existing RHS Elevation
Scale 1/100@A3



Existing Rear Elevation
Scale 1/100@A3



Existing LHS Elevation
Scale 1/100@A3

Comments

Notes:
The General contractor is responsible for the verification of all dimensions on site and shall inform the contract administrator of any discrepancies.

Do not scale from this drawing unless for Planning purposes. Use figure dimensions only for construction purposes.

Existing foundations, lintels and wall to be exposed if required by Building Control for assessment and upgrading if found inadequate.

Fire Precautions:
All doors marked with FD30 to be to current British Standards.
All new fire doors to be fitted with 3x4" steel butt hinges or 3x30min fire rated hinges, with appropriate CE and BS EN stamps on each hinge if using brass or chrome.

Self contained mains operated interlinked smoke alarms (BS 5446) and fitted with battery backup to be provided to all landings and hall ceiling shown as (SD).

Date	Description	Rev
28.11.24	Titles changes to Pre-Existing & Existing.	I
28.05.24	Structural amendments	G
26.04.24	Party Wall - Structure	F
28.03.24	Client's amendments	C
14.03.24	Client's amendments	B
11.02.24	Client's amendments	A
06.03.24	Preliminary Plans	Prelims

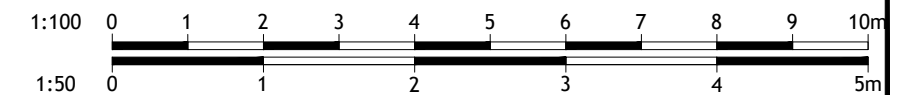
MARDESIGN

STRUCTURAL ENGINEER
Mob: 07810 840 890
E-mail: carmen.mar design@gmail.com

Title
Existing Elevations

Project
3 Teddington Park, Teddington, TW11 8DB
Loft conversion with L-shaped dormer

Date	Scale	Drawn
06.03.24	1/100 @ A3	SK
Job No.	Dwg No.	Checked by
Job No.	04	CM



Comments

Notes:

The General contractor is responsible for the verification of all dimensions on site and shall inform the contract administrator of any discrepancies.

Do not scale from this drawing unless for Planning purposes. Use figure dimensions only for construction purposes.

Existing foundations, lintels and wall to be exposed if required by Building Control for assessment and upgrading if found inadequate.

Fire Precautions:

All doors marked with FD30 to be to current British Standards.
All new fire doors to be fitted with 3x4" steel butt hinges or 3x30min fire rated hinges, with appropriate CE and BS EN stamps on each hinge if using brass or chrome.

Self contained mains operated interlinked smoke alarms (BS 5446) and fitted with battery backup to be provided to all landings and hall ceiling shown as (SD).

Date	Description	Rev
28.11.24	Titles changes to Pre-Existing & Existing.	I
28.05.24	Structural amendments	G
26.04.24	Party Wall - Structure	F
28.03.24	Client's amendments	C
14.03.24	Client's amendments	B
11.02.24	Client's amendments	A
06.03.24	Preliminary Plans	Prelims

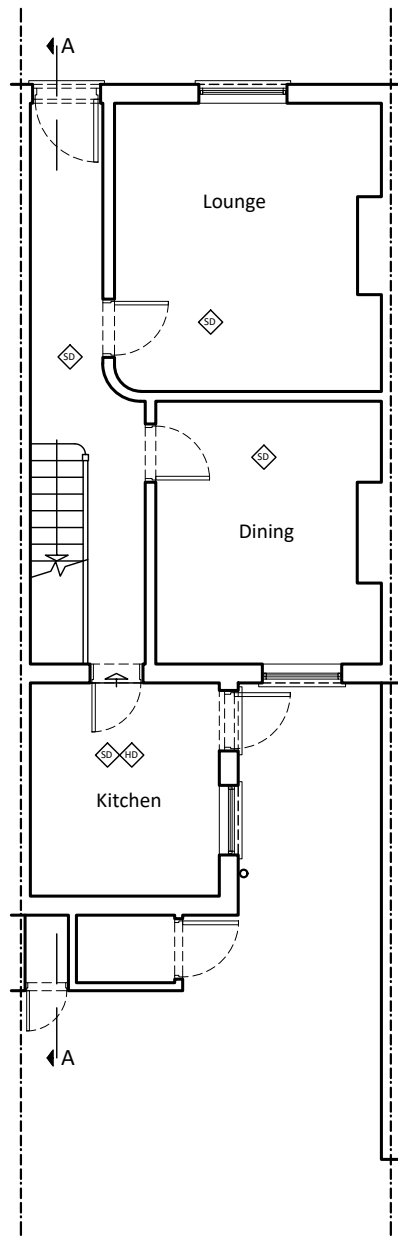
MARDESIGN

STRUCTURAL ENGINEER
Mob: 07810 840 890
E-mail: carmen.mar design@gmail.com

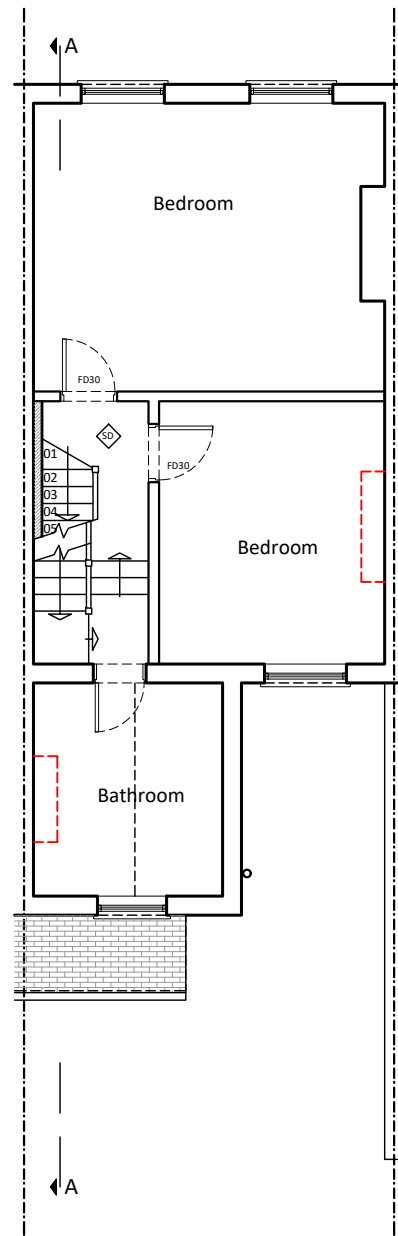
Title
Existing Floor Plans

Project
3 Teddington Park, Teddington, TW11 8DB
Loft conversion with L-shaped dormer

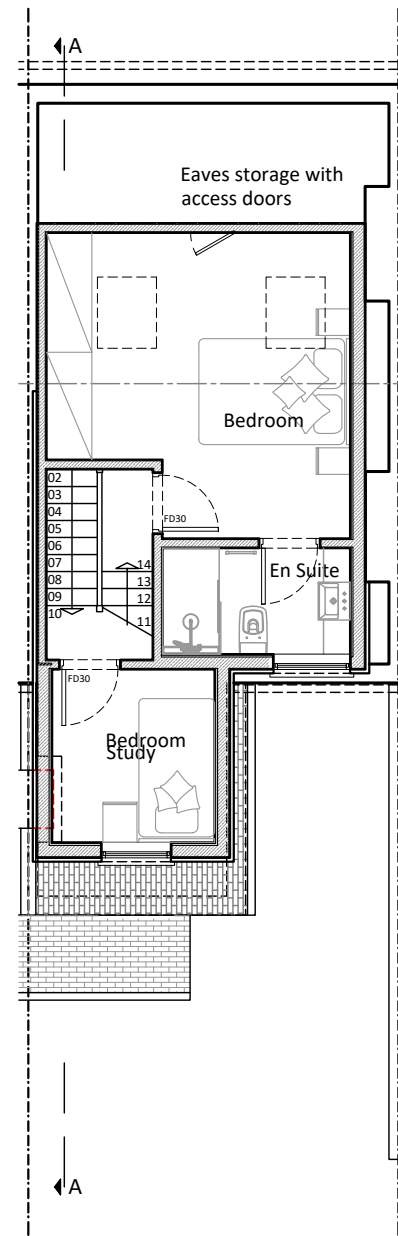
Date	Scale	Drawn
06.03.24	1/100 @ A3	SK
Job No.	Dwg No.	Checked by
Job No.	05	CM



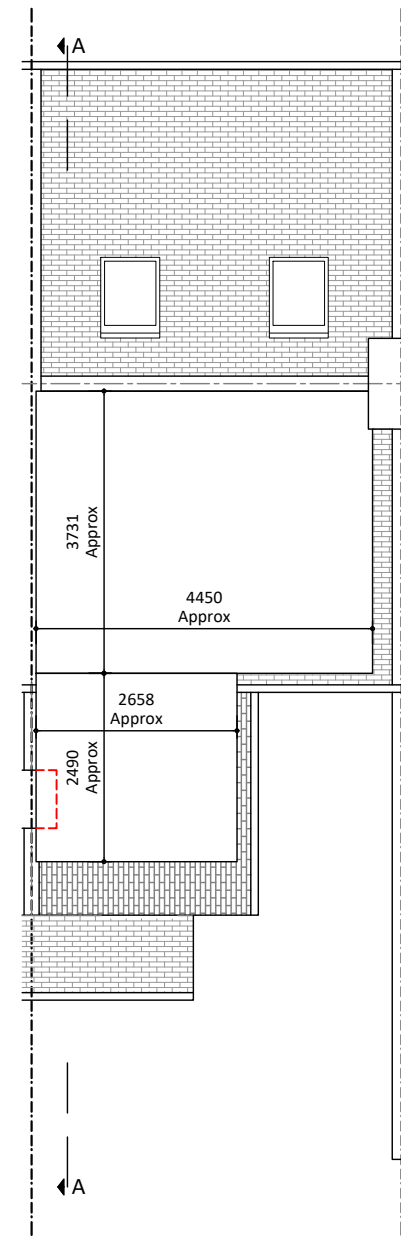
Existing Ground Floor Plan
Scale 1/100@A3



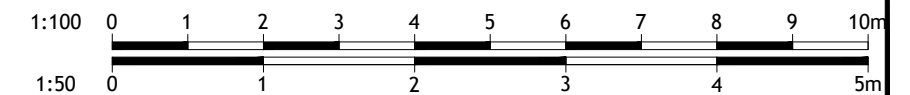
Existing First Floor Plan
Scale 1/100@A3



Existing Second Floor Plan
Scale 1/100@A3



Existing Roof Plan
Scale 1/100@A3



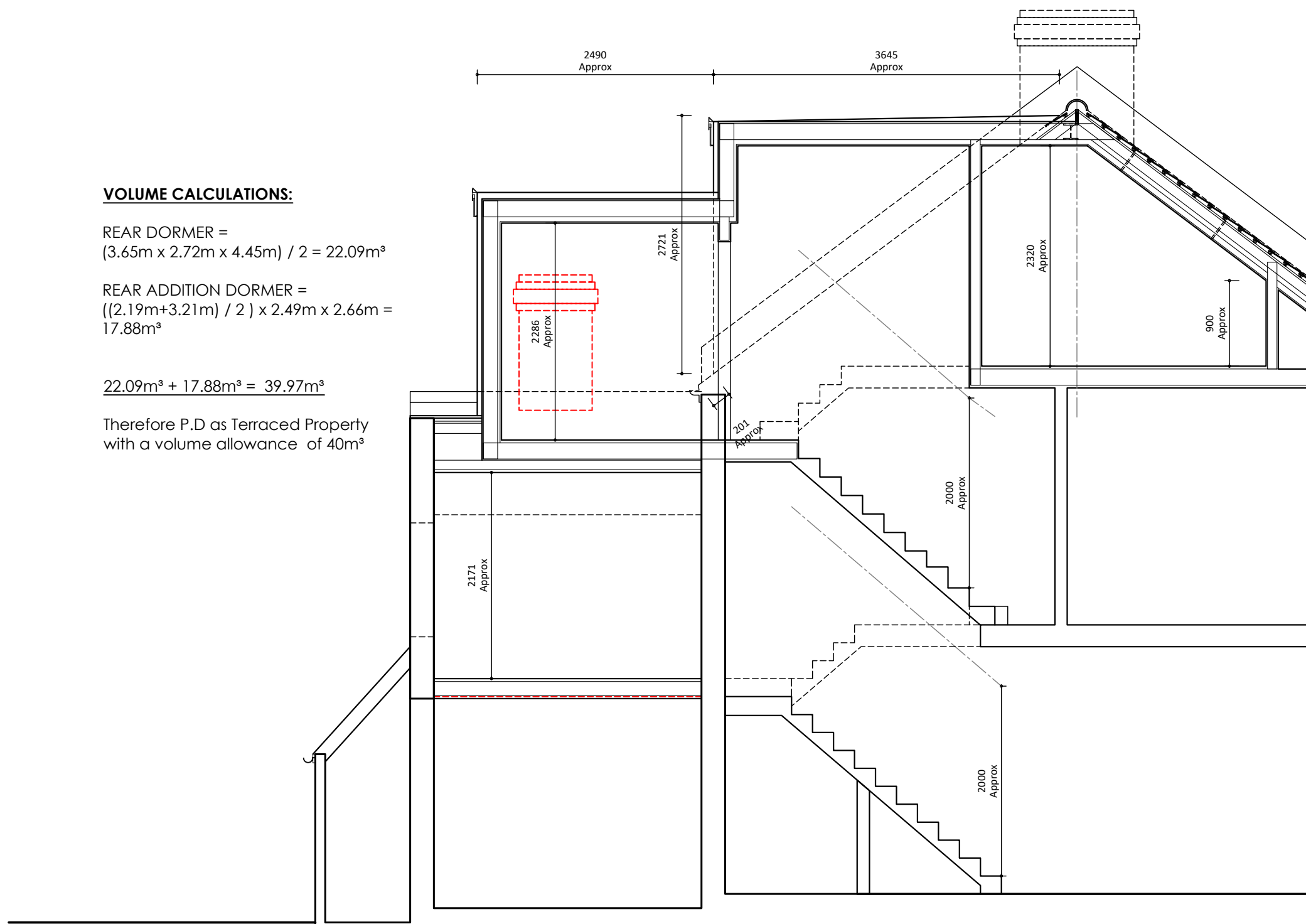
VOLUME CALCULATIONS:

REAR DORMER =
 $(3.65\text{m} \times 2.72\text{m} \times 4.45\text{m}) / 2 = 22.09\text{m}^3$

REAR ADDITION DORMER =
 $((2.19\text{m} + 3.21\text{m}) / 2) \times 2.49\text{m} \times 2.66\text{m} = 17.88\text{m}^3$

$22.09\text{m}^3 + 17.88\text{m}^3 = 39.97\text{m}^3$

Therefore P.D as Terraced Property
 with a volume allowance of 40m^3



Existing Section A-A
 Scale 1/50@A3

Comments

Notes:
 The General contractor is responsible for the verification of all dimensions on site and shall inform the contract administrator of any discrepancies.

Do not scale from this drawing unless for Planning purposes. Use figure dimensions only for construction purposes.

Existing foundations, lintels and wall to be exposed if required by Building Control for assessment and upgrading if found inadequate.

Fire Precautions:
 All doors marked with FD30 to be to current British Standards.
 All new fire doors to be fitted with 3x4" steel butt hinges or 3x30min fire rated hinges, with appropriate CE and BS EN stamps on each hinge if using brass or chrome.

Self contained mains operated interlinked smoke alarms (BS 5446) and fitted with battery backup to be provided to all landings and hall ceiling shown as (SD).

Date	Description	Rev
28.11.24	Titles changes to Pre-Existing & Existing.	I
28.05.24	Structural amendments	G
26.04.24	Party Wall - Structure	F
28.03.24	Client's amendments	C
14.03.24	Client's amendments	B
11.02.24	Client's amendments	A
06.03.24	Preliminary Plans	Prelims

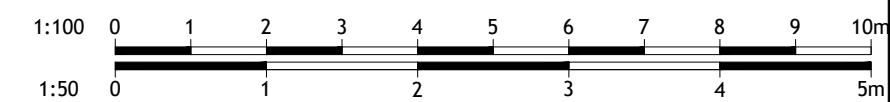
MARDESIGN

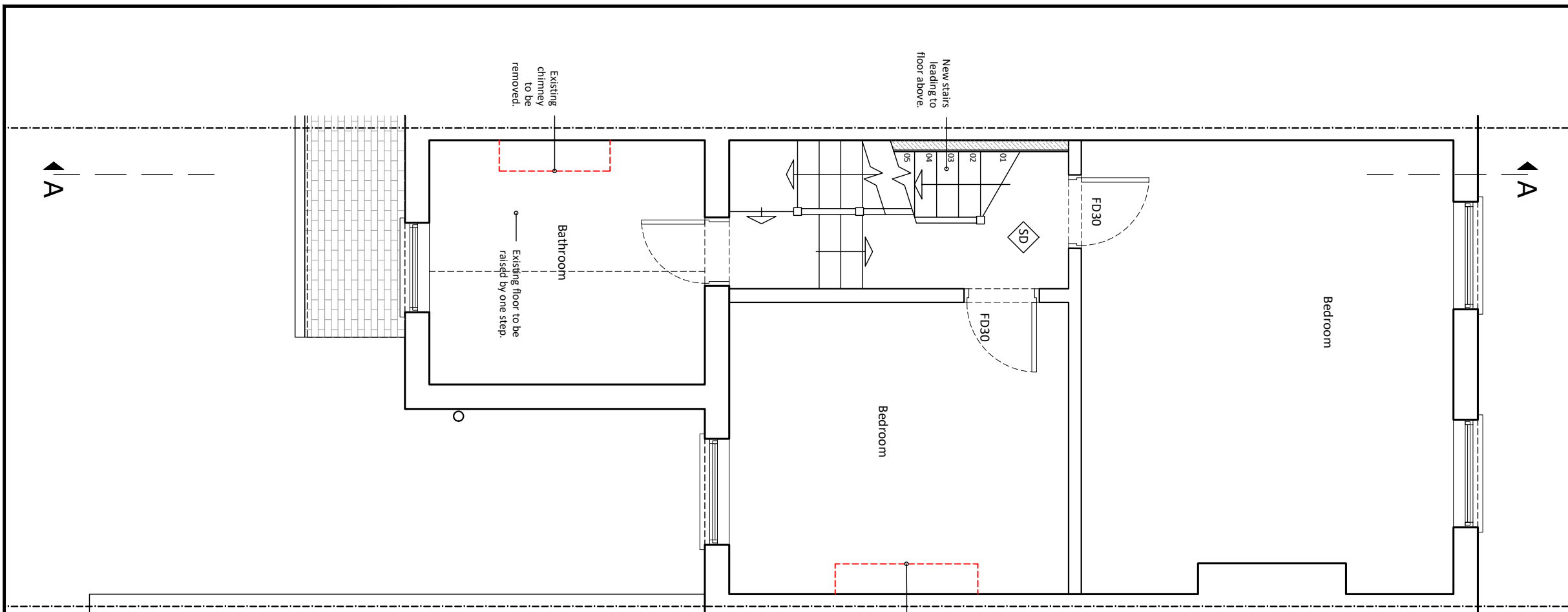
STRUCTURAL ENGINEER
 Mob: 07810 840 890
 E-mail: carmen.mardesign@gmail.com

Title
 Existing Section A-A

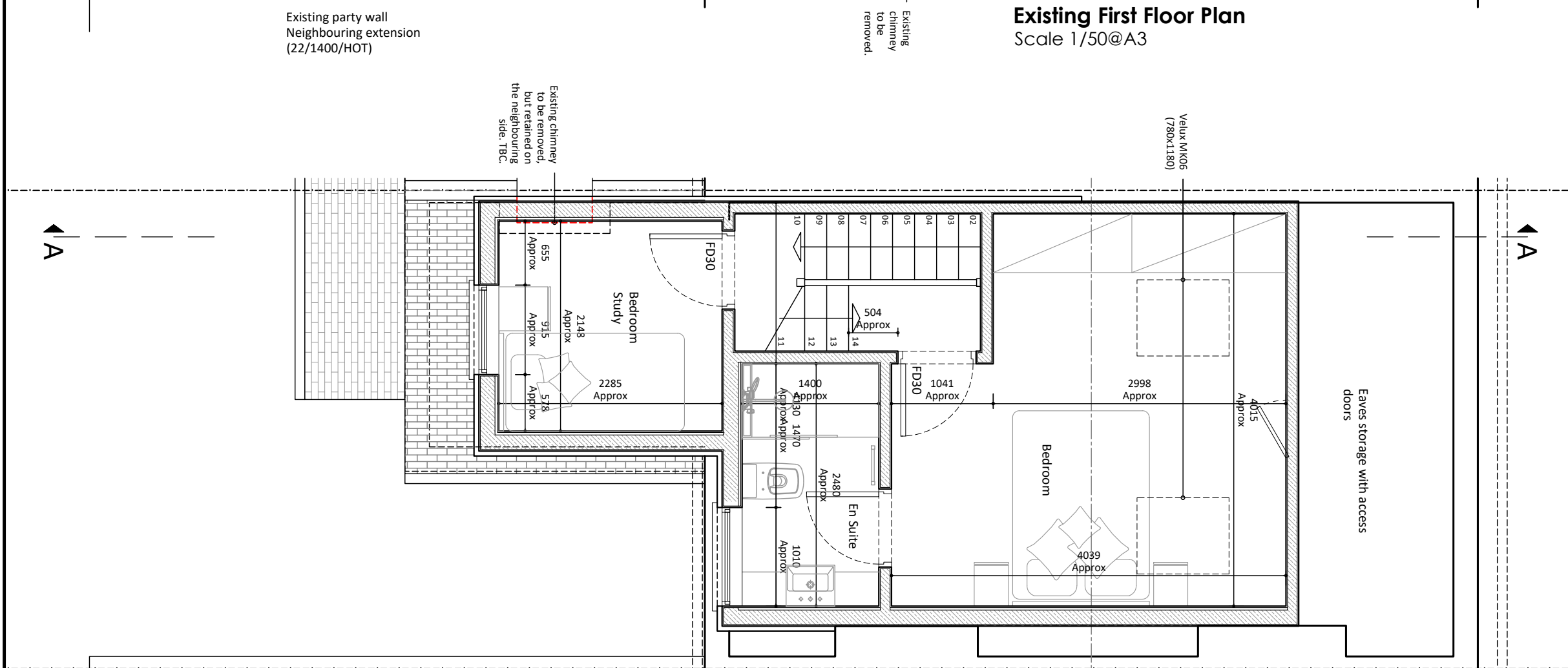
Project
 3 Teddington Park, Teddington, TW11 8DB
 Loft conversion with L-shaped dormer

Date	Scale	Drawn
06.03.24	1/50 @ A3	SK
Job No.	Dwg No.	Checked by
Job No.	06	CM





Existing First Floor Plan
Scale 1/50@A3



Existing Second Floor Plan
Scale 1/50@A3

Comments

Notes:
The General contractor is responsible for the verification of all dimensions on site and shall inform the contract administrator of any discrepancies.

Do not scale from this drawing unless for Planning purposes. Use figure dimensions only for construction purposes.

Existing foundations, lintels and wall to be exposed if required by Building Control for assessment and upgrading if found inadequate.

Fire Precautions:
All doors marked with FD30 to be to current British Standards.
All new fire doors to be fitted with 3x4" steel butt hinges or 3x30min fire rated hinges, with appropriate CE and BS EN stamps on each hinge if using brass or chrome.

Self contained mains operated interlinked smoke alarms (BS 5446) and fitted with battery backup to be provided to all landings and hall ceiling shown as (SD).

Date	Description	Rev
28.11.24	Titles changes to Pre-Existing & Existing.	I
28.05.24	Structural amendments	G
26.04.24	Party Wall - Structure	F
28.03.24	Client's amendments	C
14.03.24	Client's amendments	B
11.02.24	Client's amendments	A
06.03.24	Preliminary Plans	Prelims

MARDESIGN

STRUCTURAL ENGINEER
Mob: 07810 840 890
E-mail: carmen.mar design@gmail.com

Title
Existing First & Second Floor Plan

Project
3 Teddington Park, Teddington, TW11 8DB
Loft conversion with L-shaped dormer

Date	Scale	Drawn
06.03.24	1/50 @ A3	SK
Job No.	Dwg No.	Checked by
Job No.	07	CM

