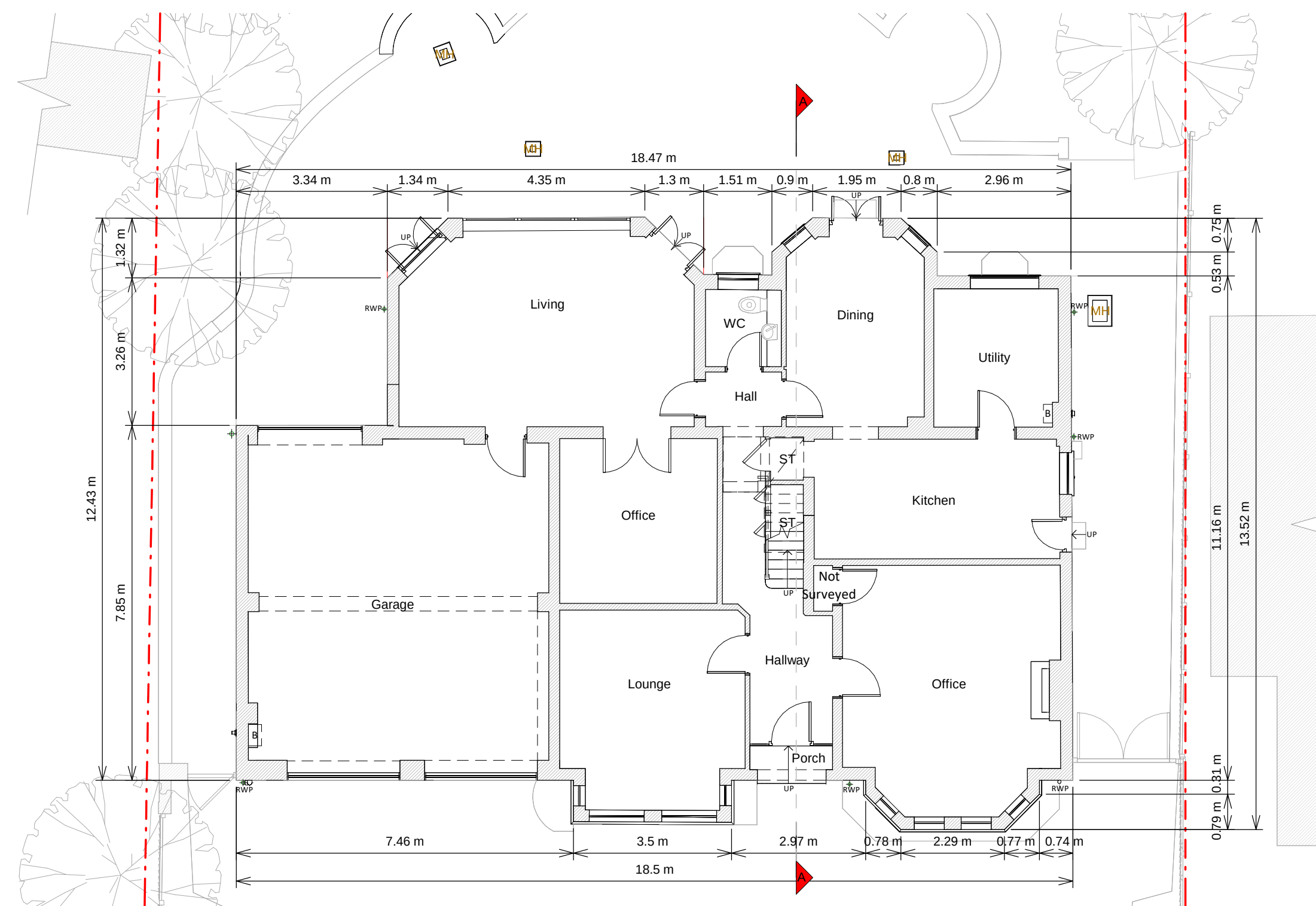
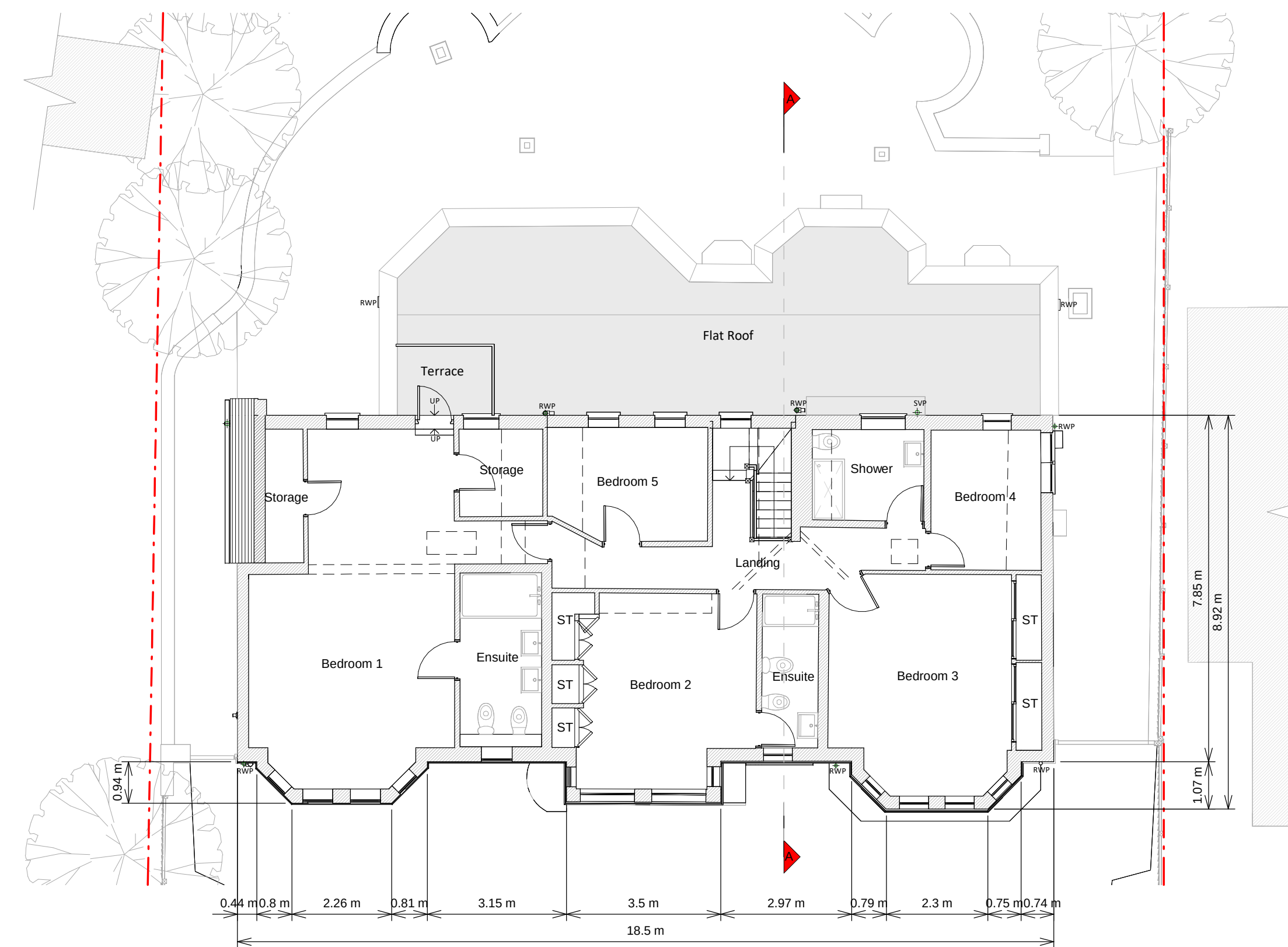


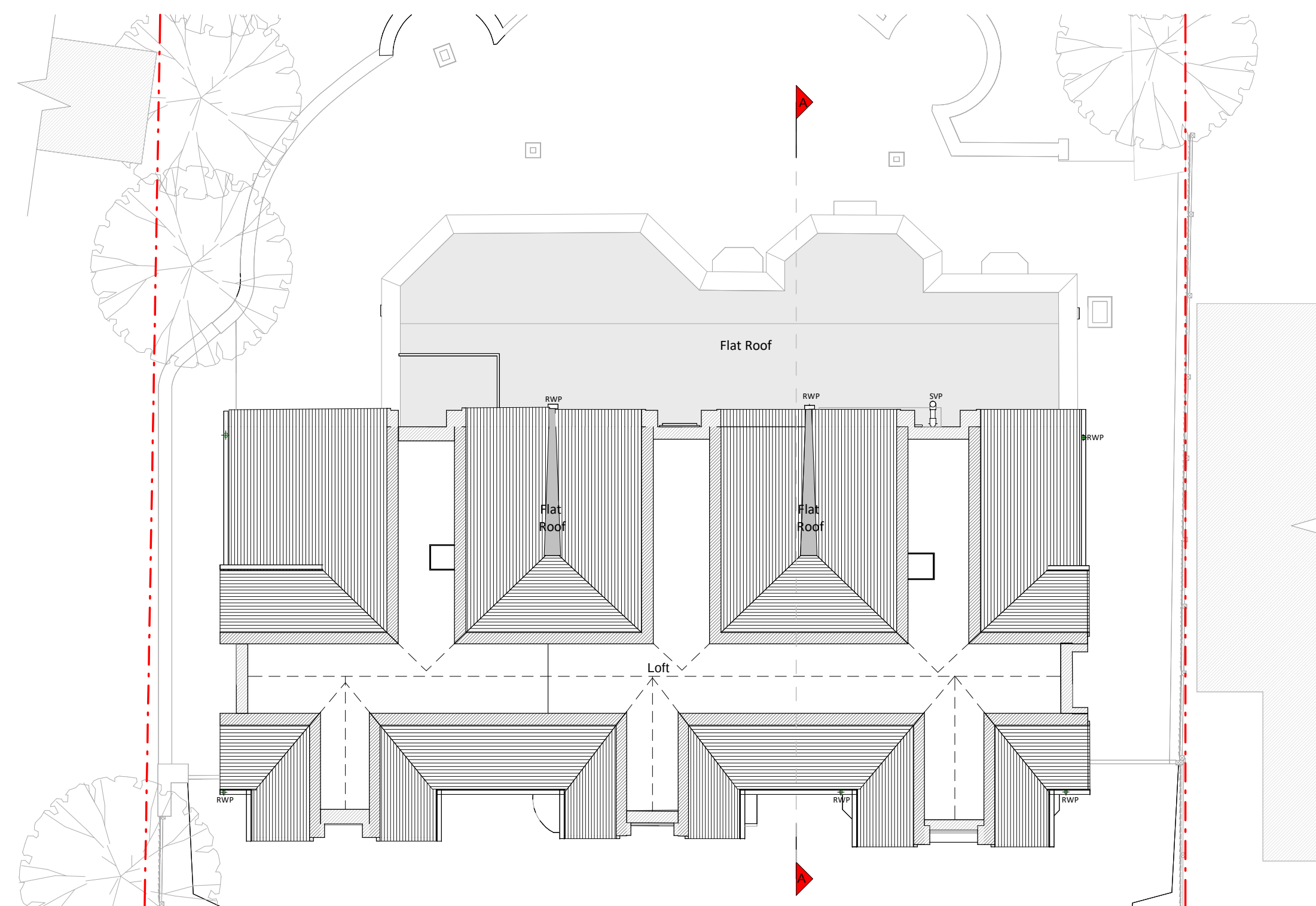
Do not advise using planning drawings for the construction stages. All dimensions to be cross-checked on-site prior to manufacture and construction. Any discrepancies to be reported to us immediately.



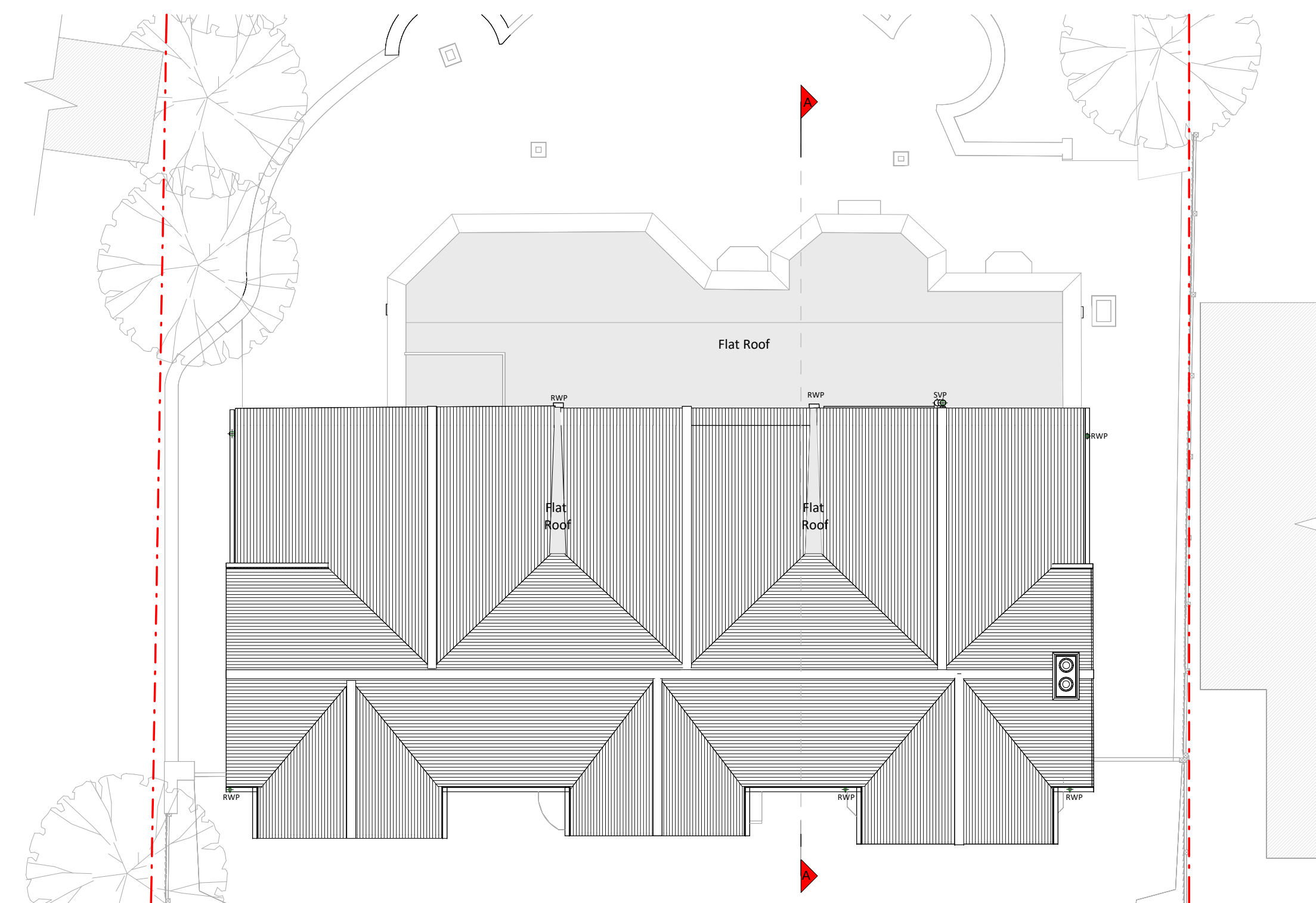
Ground Floor Plan



First Floor Plan

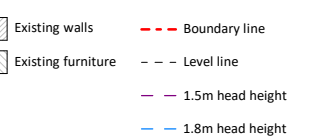


Loft Plan



Roof Plan

EY

[illegible]

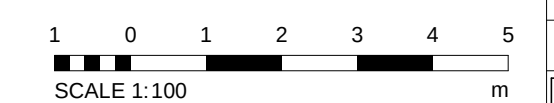
proposed ground and first floor
extension, pergola, heat
pump, solar panels, floor plan
design and all associated works
16 Shinfield Road

Getting Drawings

eng Luo

Planning Floor and Roof Plans

00 @ A1	Drawn AR
ch 2025	Checked RA
ing No. 186-1100	Rev A





Front Elevation



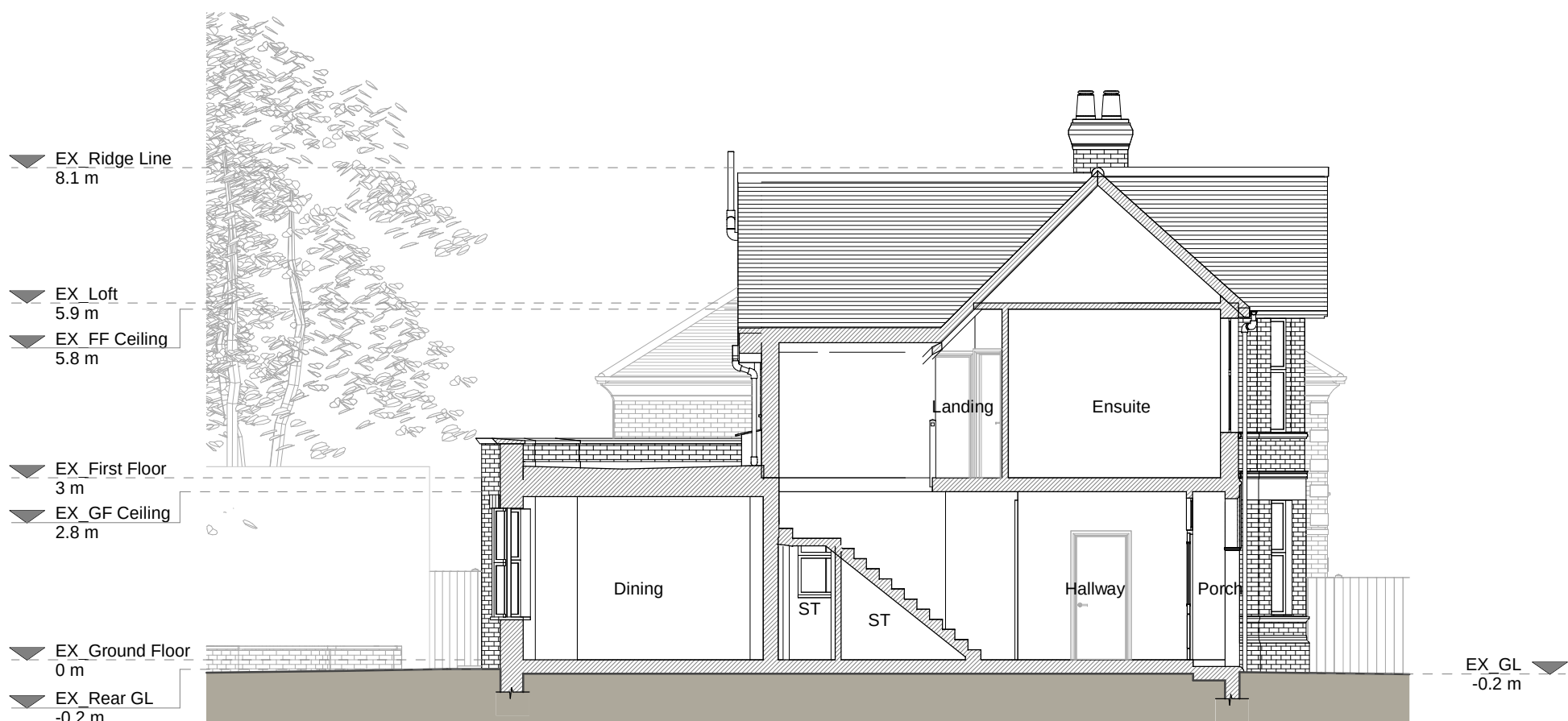
Rear Elevation



Left Side Elevation



Right Side Elevation



Section A - A

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Read do not advise using planning drawings for the construction stage. All measurements to be taken should be made on the ground and construction. Any discrepancies to be reported to RESI immediately.

Existing Materials:

Brickwork / Walls - Red brickwork, grey brickwork, mixed red brickwork, white uPVC cladding, red brick, sandstone and concrete details

Pitched roof - Clay tiles

Flat roof - Paving slabs on 3 layer felt or similar, felt or similar

Windows - White uPVC

Doors - White uPVC frame front door, white painted timber frame and white uPVC frame rear / side doors, and white aluminium garage doors

Roofs / Gutters / Fascia - Black uPVC guttering, black / grey downpipes, white uPVC fascia and barge boards

KEY	
	Existing walls
	Existing furniture
	Boundary line
	Level line
	1.5m head height
	1.8m head height

Revision		
Rev	Notes	Date
A	Planning Issue	14/03/2025



RESI
Grow your home

Job Title

Proposed ground and first floor rear extension, pergola, heat pump, solar panels, floor plan redesign and all associated works at 46 Shinfield Road

Drawing Status

Existing Drawings

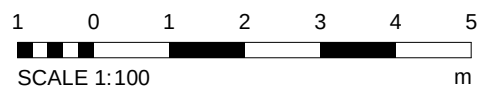
Client

Jinfeng Luo

Drawing Title

Existing Elevations, Sections and 3D Views

Scale	1:100 @ A1	Drawn	AR
Date	March 2025	Checked	RA
Drawing No.	8237186-1200	Rev	A



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This drawing contains the indication only of some and not all trees present at 46 Shinfield Road.

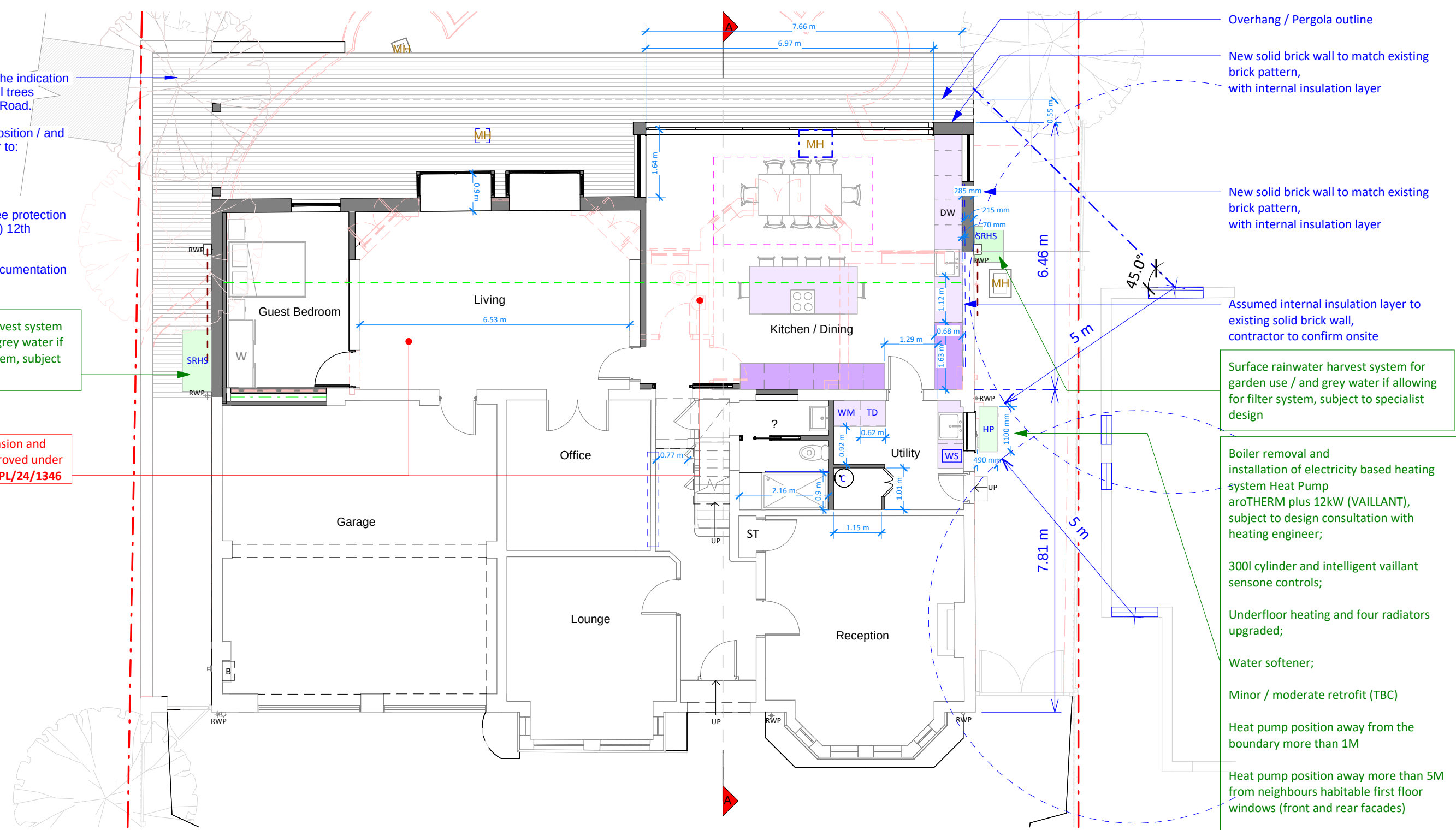
For all trees species/ position / and method statement refer to:

Arboricultural report
Arboricultural Impact Assessment
Method statement & tree protection plan (to BS: 5837 2012) 12th September 2024

included in planning documentation

Surface rainwater harvest system for garden use / and grey water if allowing for filter system, subject to specialist design

Ground Floor rear extension and internal alterations approved under planning reference No: PL/24/1346



Ground Floor Plan

Overhang / Pergola outline

New solid brick wall to match existing brick pattern, with internal insulation layer

New solid brick wall to match existing brick pattern, with internal insulation layer

Assumed internal insulation layer to existing solid brick wall, contractor to confirm onsite

Surface rainwater harvest system for garden use / and grey water if allowing for filter system, subject to specialist design

Boiler removal and installation of electricity based heating system Heat Pump aROTHERM plus 12kW (VAILLANT), subject to design consultation with heating engineer;

300l cylinder and intelligent vaillant sensone controls;

Underfloor heating and four radiators upgraded;

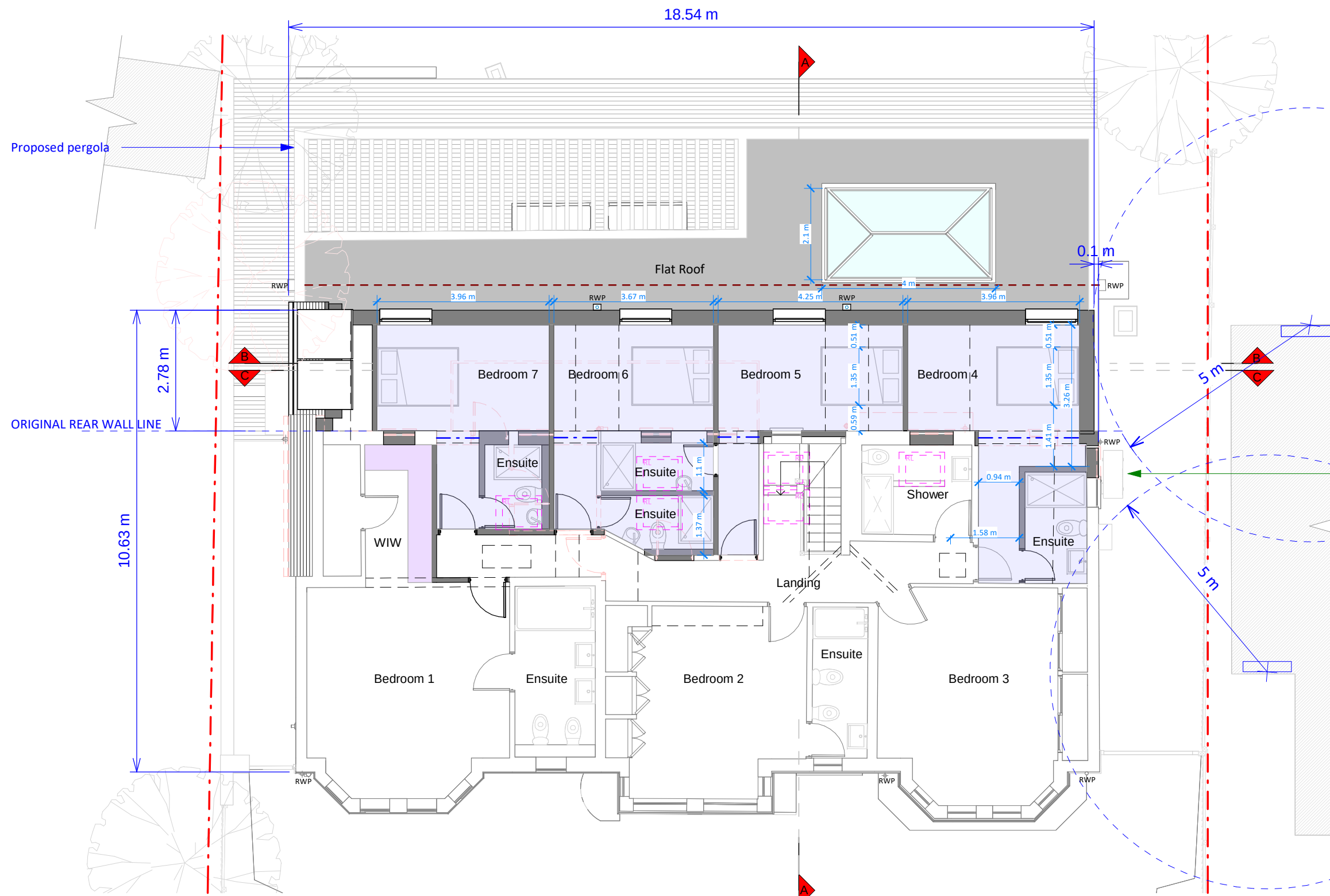
Water softener;

Minor / moderate retrofit (TBC)

Heat pump position away from the boundary more than 1M

Heat pump position away more than 5M from neighbours habitable first floor windows (front and rear facades)

Final position to be confirmed with design consultation with Mechanical & Heating Engineer



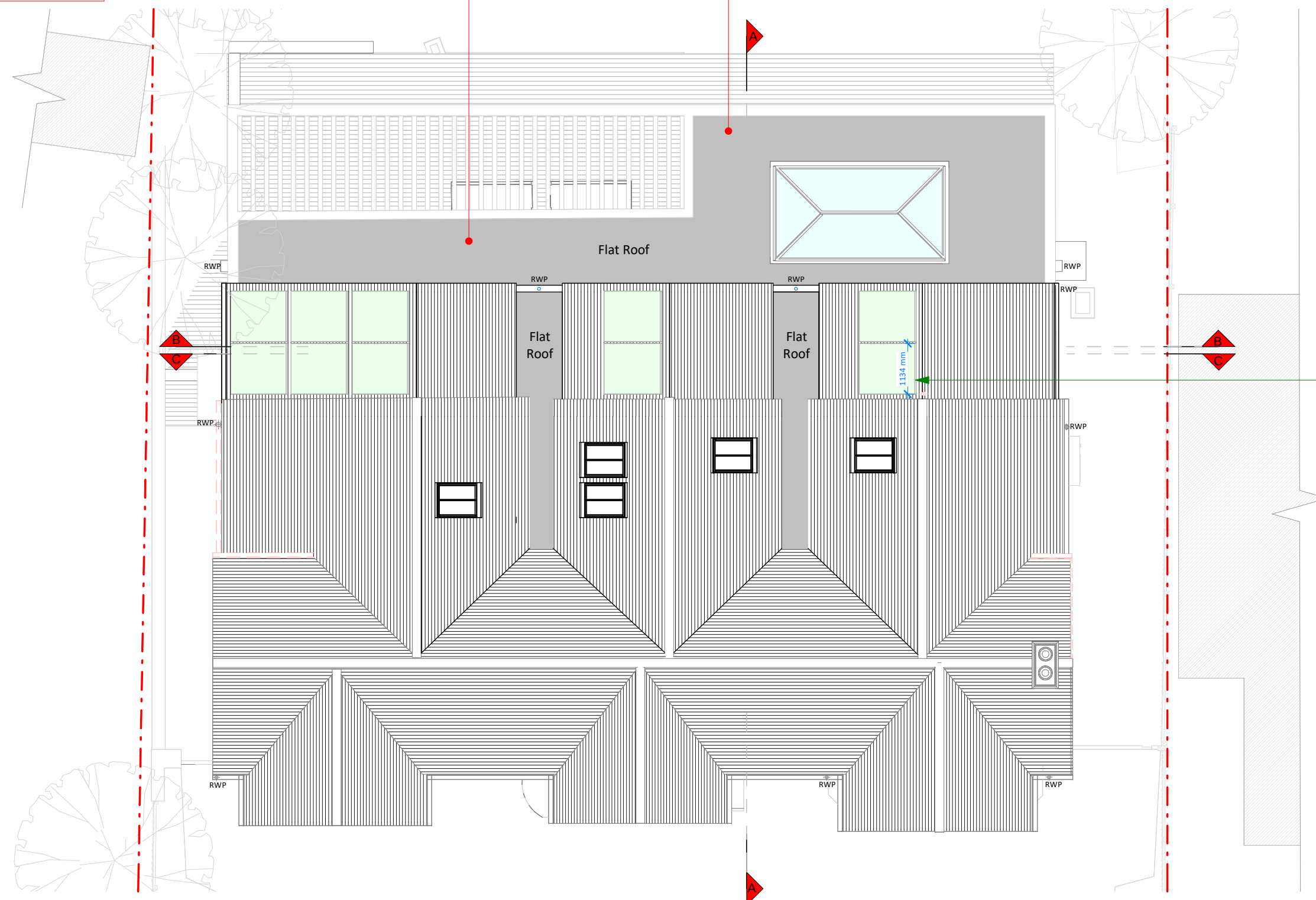
First Floor Plan

Heat pump position away from the boundary more than 1M

Heat pump position away more than 5M from neighbours habitable first floor windows (front and rear facades)

Final position to be confirmed with design consultation with Mechanical & Heating Engineer

Ground Floor rear extension and internal alterations approved under planning reference No: PL/24/1346

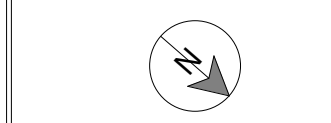


Roof Plan

Solar Panels x 10
Rea Fusion²,
subject to installer specifications
1134mm x 1722mm x 30mm

KEY

Existing walls Proposed walls Boundary line Proposed beam Proposed furniture Proposed drainage Proposed staircase Existing removed Proposed windows 1.5m head height Proposed rooflight 1.8m head height



Revision		
Rev	Notes	Date
A	Planning Issue	14/03/2025

RESI
Grow your home

Job Title
Proposed ground and first floor rear extension, pergola, heat pump, solar panels, floor plan redesign and all associated works at 46 Shinfield Road

Drawing Status
Planning

Client
Jinfeng Luo

Drawing Title
Proposed Floor and Roof Plans

Scale 1:100 @ A1	Drawn PC
Date March 2025	Checked RA
Drawing No. 8237186-2-3100	Rev A

1 0 1 2 3 4 5
SCALE 1:100
m



Front Elevation

Solar Panels x 10
Rea Fusion[®],
subject to installer specifications
1134mm x 1722mm x 30mm



Left Side Elevation

Solar Panels x 10
Rea Fusion[®],
subject to installer specifications
1134mm x 1722mm x 30mm

Ground floor rear extension and
internal alterations approved under
planning reference No: PL/24/1346



Rear Elevation

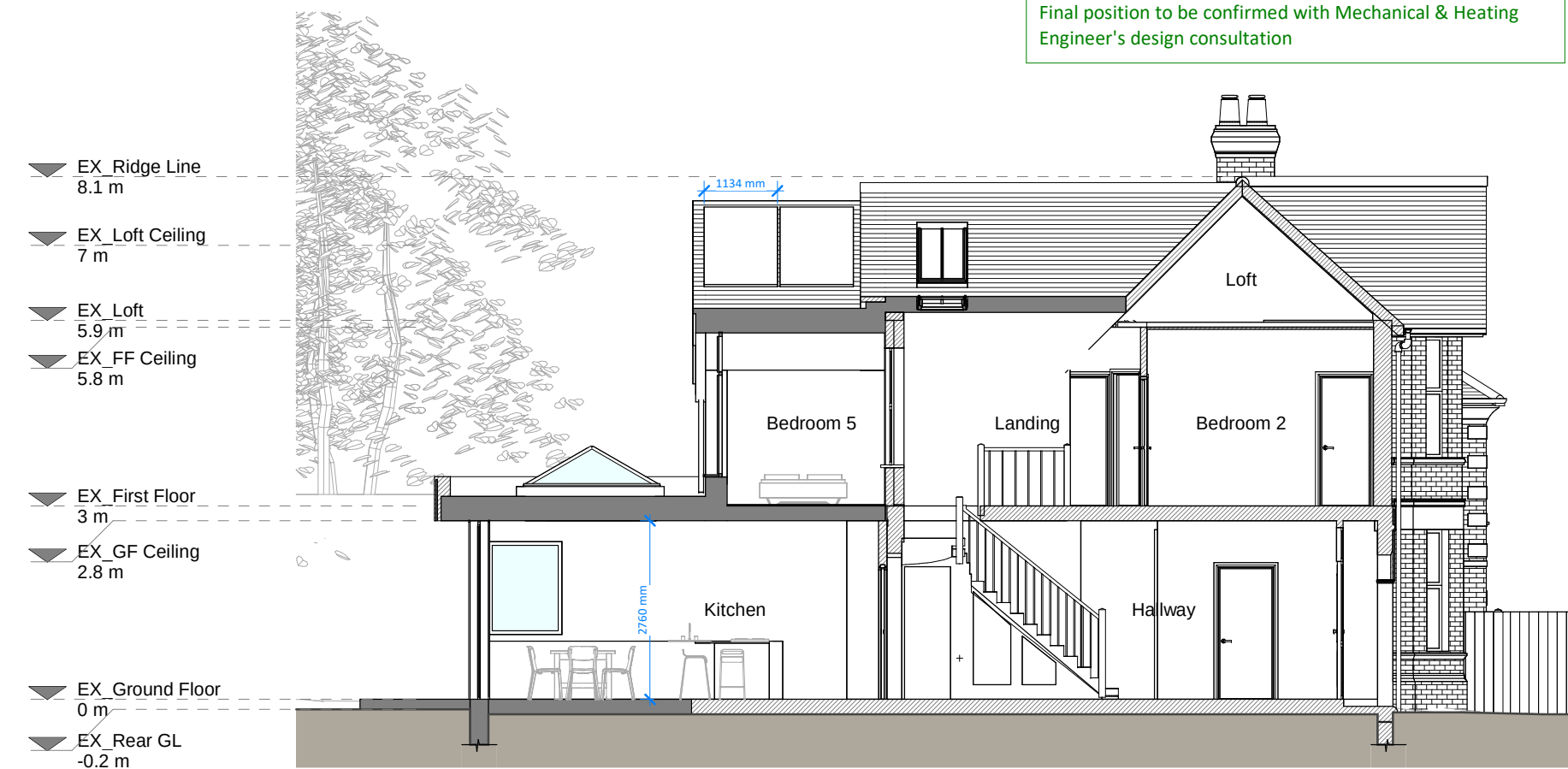


Right Side Elevation

Heat pump position away from the boundary more than 1M
Heat pump position away more than 5M from neighbours
habitable first floor windows (front and rear facades)
Final position to be confirmed with Mechanical & Heating
Engineer's design consultation



Section B - B



Section A - A



Section C - C

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Proposed Materials
Brickwork / Walls - Red brickwork to match existing, white smooth render and dark grey aluminium roof fascias, parapet copings and pergola structure
Pitched roof - Clay tiles to match existing
Flat roof - Fibreglass
Windows - Dark grey aluminium frame windows and lantern rooflight
Doors - Dark grey aluminium frame
Roofs / Gutters / Fascias - Black UPVC downpipes to match existing

KEY
Existing walls - Red dashed line
Existing furniture - Dotted line
Level line - Dashed line
1.5m head height - Pink line
1.8m head height - Blue line

Revision		
Rev	Notes	Date
A	Planning Issue	14/03/2025

RSI
Grow your home

Job Title
Proposed ground and first floor
rear extension, pergola, heat
pump, solar panels, floor plan
redesign and all associated works
at 46 Shinfield Road

Drawing Status
Planning

Client
Jinfeng Luo

Drawing Title
Proposed Elevations, Sections and
3D Views

Scale 1:100 @ A1	Drawn PC
Date March 2025	Checked RA
Drawing No. 8237186-2-3200	Rev A

1 0 1 2 3 4 5
SCALE 1:100 m