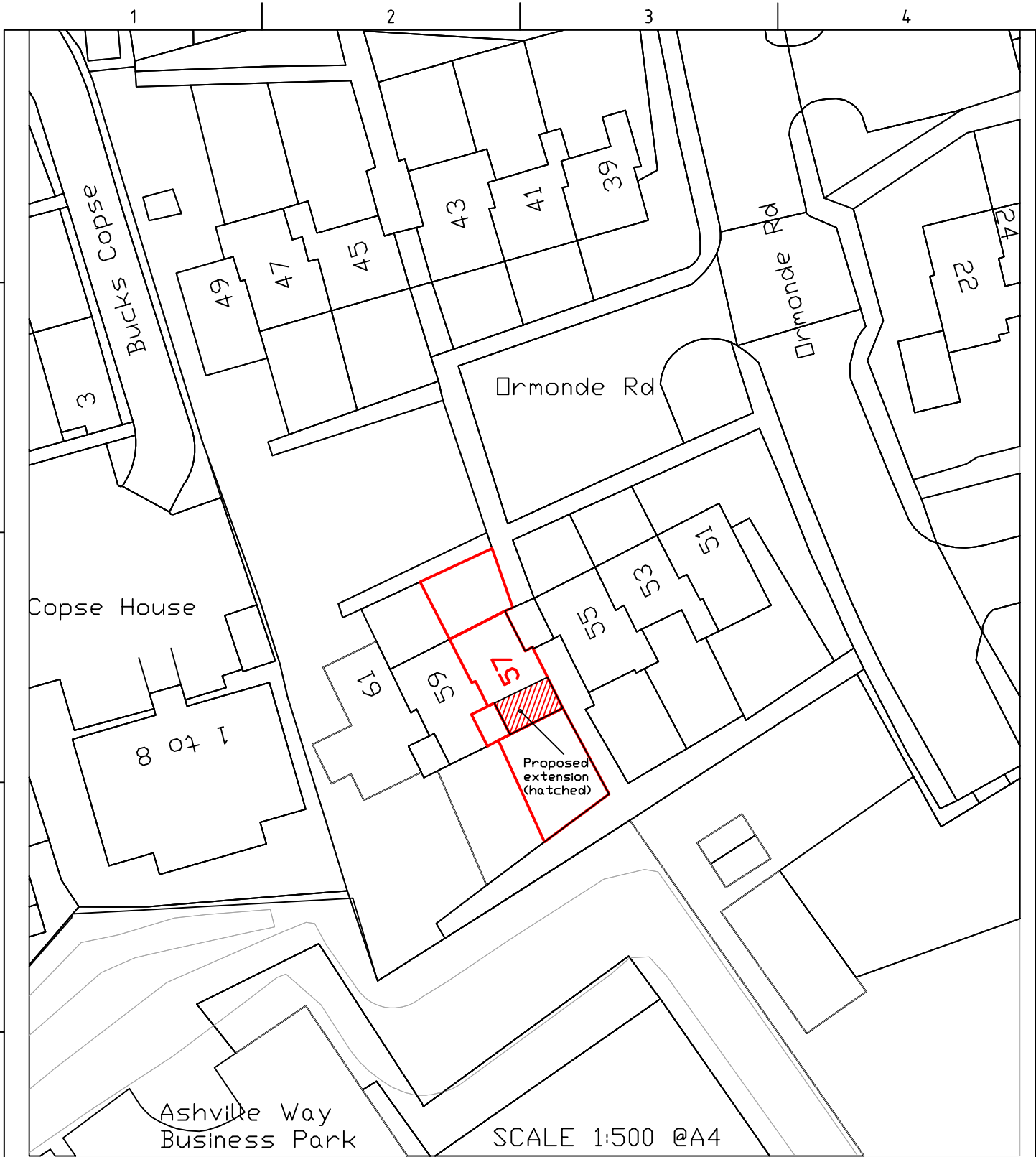


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Title: 57 Ormonde Road Wokingham Berkshire RG412RA
Map Produced for: Miss Mollie Lacey
Crown copyright and database rights 2024 OS 100042766
Project ID:
Date of Purchase: 11-12-2024
1 Years subscription from 11-12-2024 for 1 workstation.

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PROPOSED SINGLE STORY REAR EXTENSION FOR No57 ORMONDE RD WOKINGHAM BERKS RG412RA			Title: BLOCK PLAN		
			Drg No: RG412RA-REX1	Revision 170225	Sheet 1 of 9 Sheet size A4

1

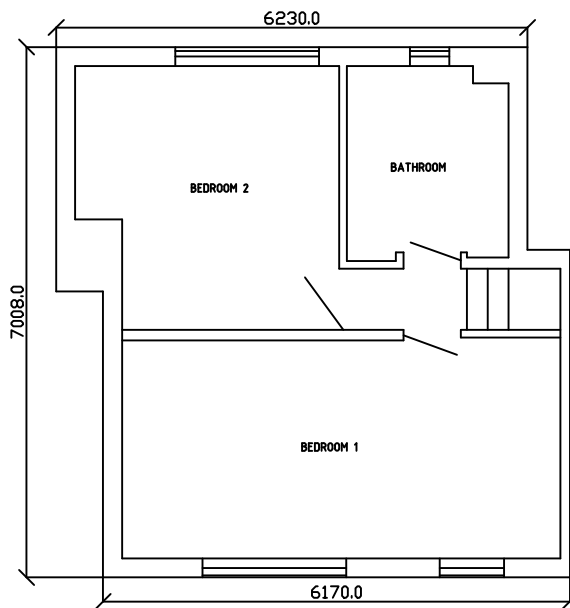
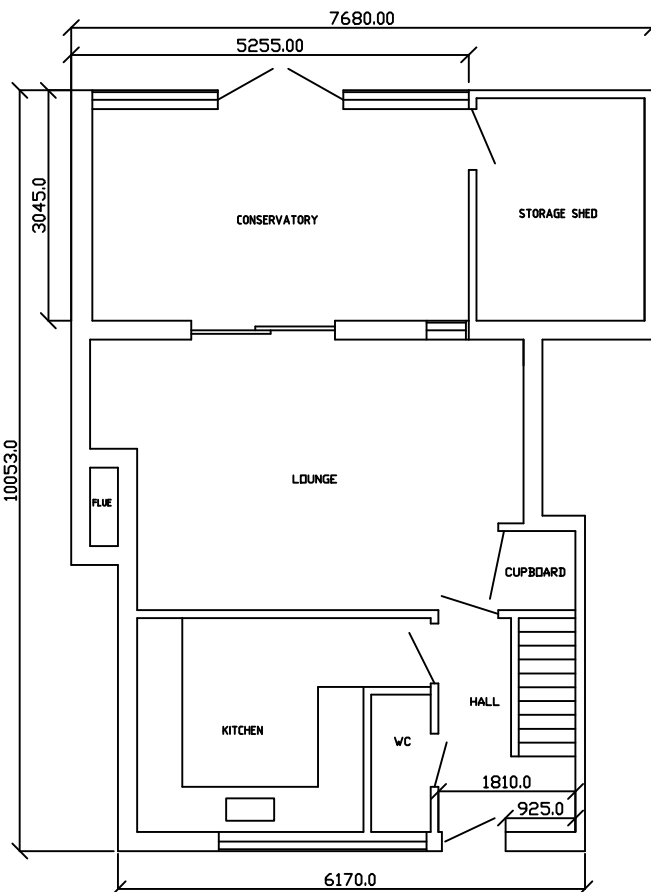
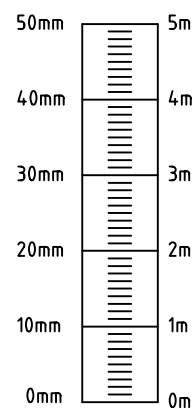
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DRG No: RG412RA-REX1

DO NOT SCALE

TOP
FLOOR
PLAN VIEWGROUND
FLOOR
PLAN VIEW

Scale 1 : 100 @A4

Designed: AJS	Checked: ECS	Approved: CDS	File: C:\EMD...	Date: 17/02/2025	Scale: 1:100
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PROPOSED SINGLE STORY REAR
EXTENSION FOR No57 ORMONDE RD
WOKINGHAM BERKS RG412RA

Title: EXISTING FLOOR PLAN

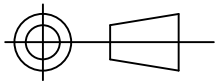
Drg No: RG412RA-REX1

Revision
170225Sheet
2 of 9Sheet size
A4

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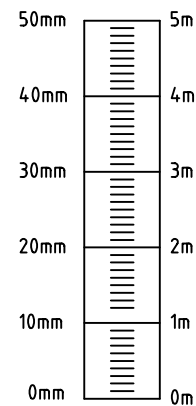
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Third Angle Projection



DRG No: RG412RA-REX1

EXISTING
PLAN VIEW



Scale 1 : 100 @A4

DO NOT SCALE

EXISTING
REAR VIEW

EXISTING
FRONT VIEW

EXISTING
SIDE VIEW

PROPOSED SINGLE STORY REAR
EXTENSION FOR No57 ORMONDE RD
WOKINGHAM BERKS RG412RA

Drg No:
RG412RA-REX1

Date
17/02/2025

Revision
170225

Sheet
3 of 9

Sheet size
A4

Title: Existing Elevation

Designed: AJS

File: C:\...

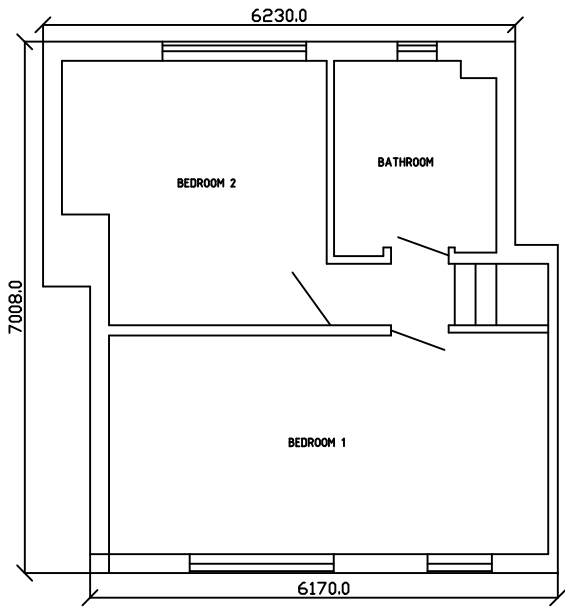
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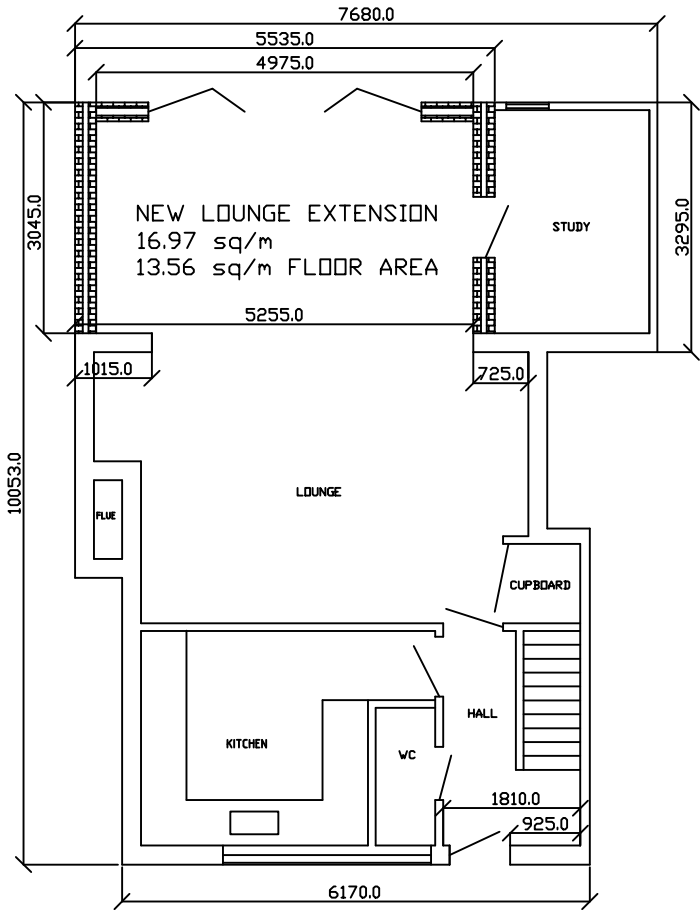
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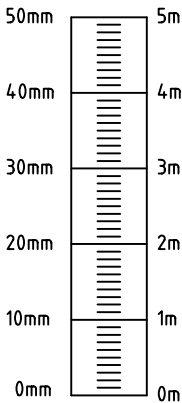
DRG No: RG412RA-REX1



TOP FLOOR
PLAN VIEW



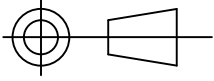
GROUND
FLOOR
PLAN VIEW



Scale 1 : 100 @A4

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PROPOSED SINGLE STORY REAR EXTENSION FOR No57 ORMONDE RD WOKINGHAM BERKS RG412RA			Title: PROPOSED FLOOR PLAN		
Drg No: RG412RA-REX1			Revision 170225	Sheet 4 of 9	Sheet size A4

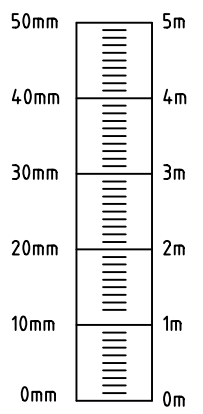
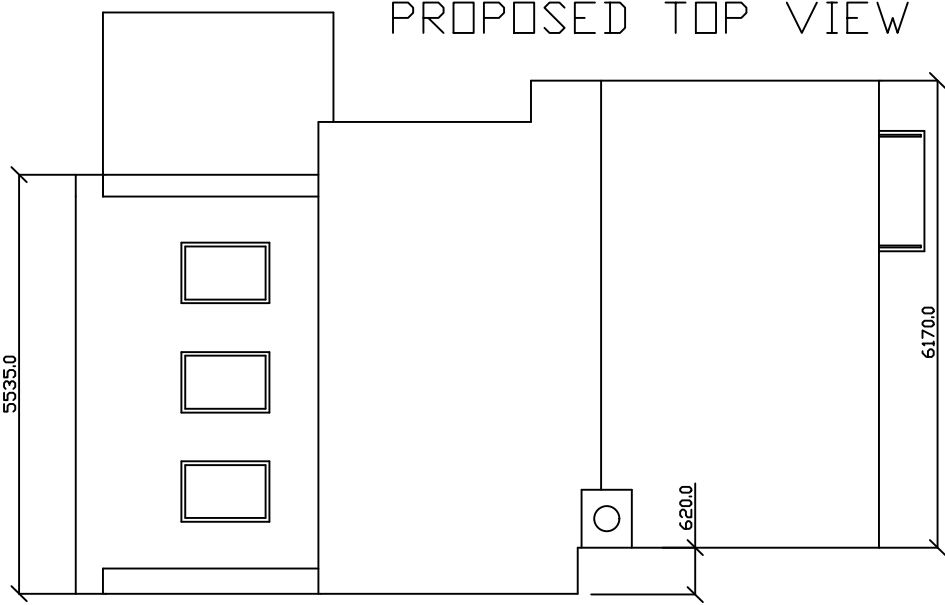
Third Angle Projection



DO NOT SCALE

DRG No: RG412RA-REX1

PROPOSED TOP VIEW

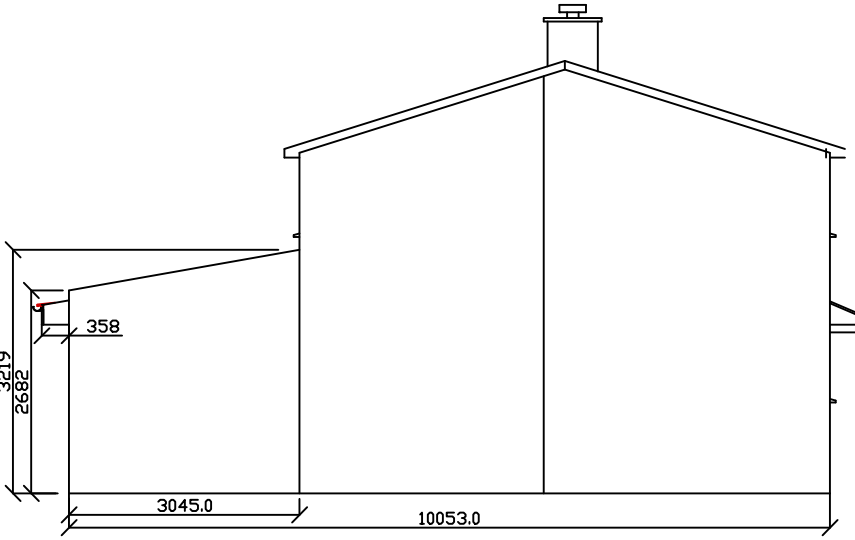


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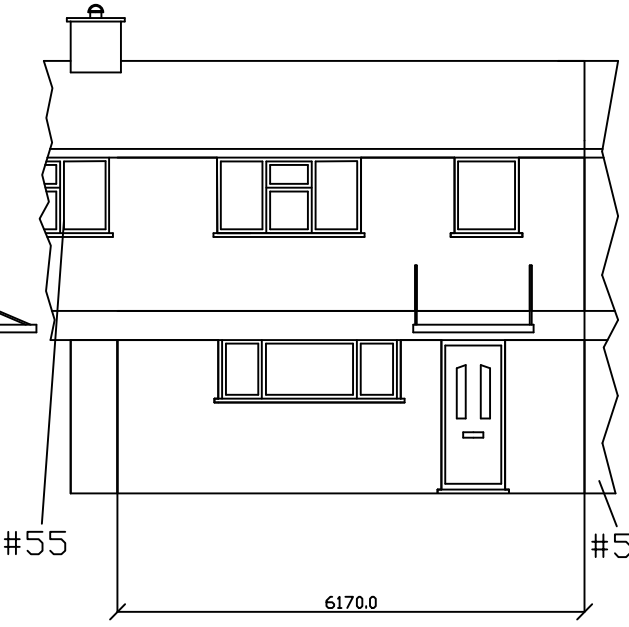
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PROPOSED SIDE VIEW

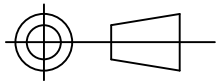


PROPOSED FRONT VIEW



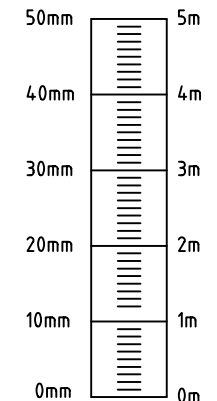
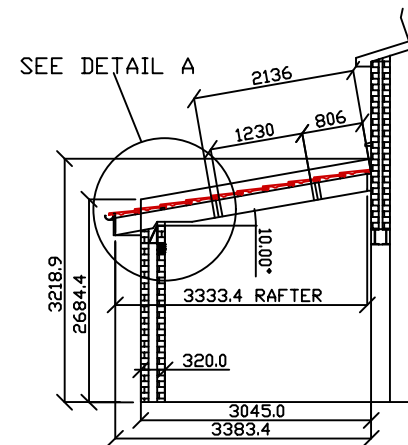
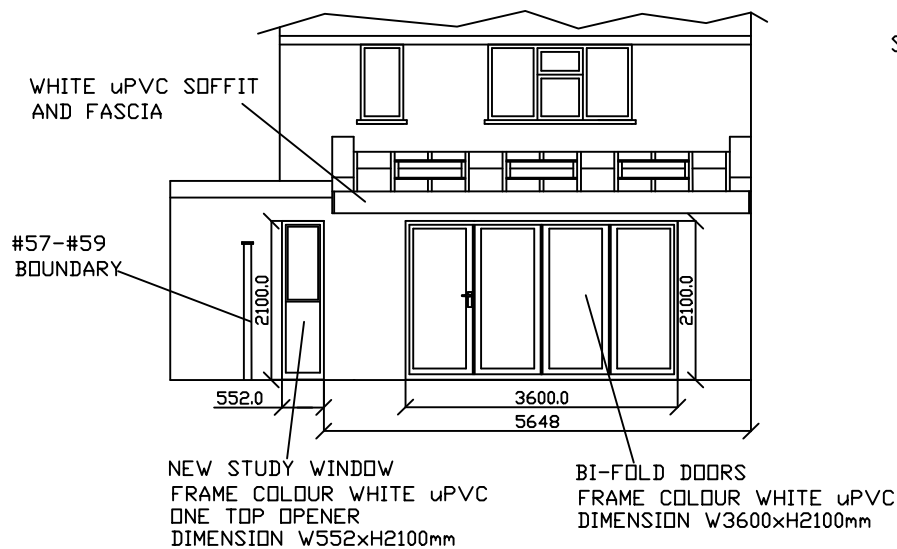
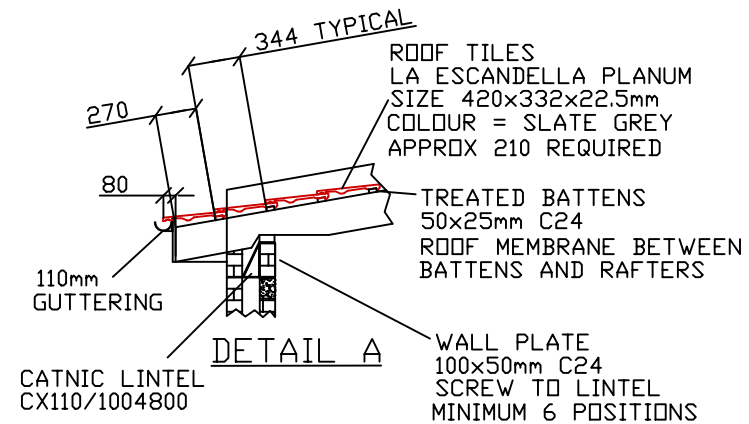
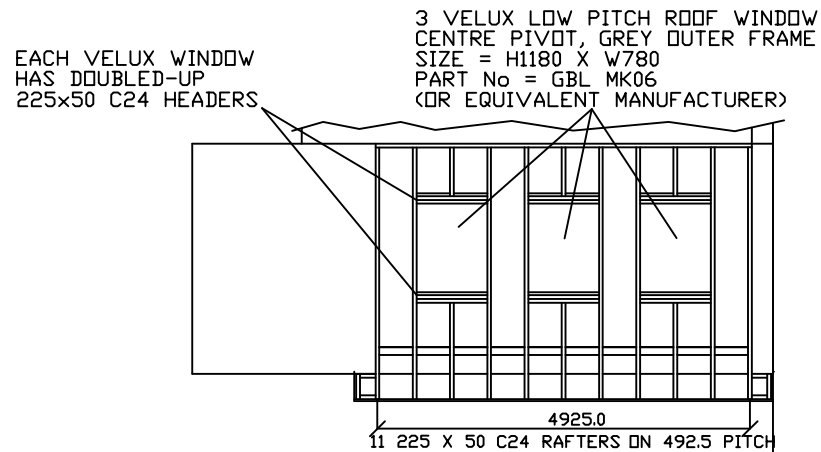
PROPOSED SINGLE STORY REAR EXTENSION FOR No57 ORMONDE RD WOKINGHAM BERKS RG412RA	Drg No: RG412RA-REX1	Date 17/02/2025	Revision 170225	Sheet 5 of 9	Sheet size A4	Title: Proposed Elevations	Designed: AJS		File: C:\...
							Checked: ECS	Approved: CDS	Scale: 1 : 100

Third Angle Projection



DO NOT SCALE

DRG No: RG412RA-REX1



Scale 1 : 100 @A4

PROPOSED SINGLE STORY REAR
EXTENSION FOR No57 ORMONDE RD
WOKINGHAM BERKS RG412RA

Drg No:
RG412RA-REX1

Date
17/02/2025

Revision
170225

Sheet
6 OF 9

SHEET size
A4

TITLE: PITCHED ROOF
AND WINDOW DETAIL

Designed: AJ5

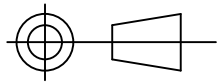
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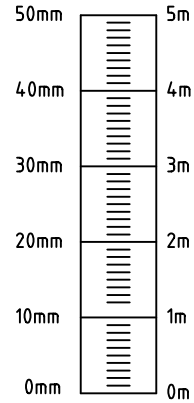
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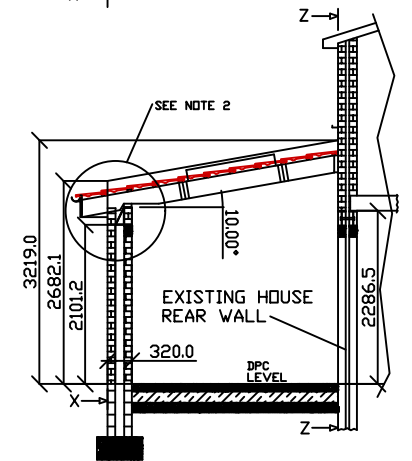
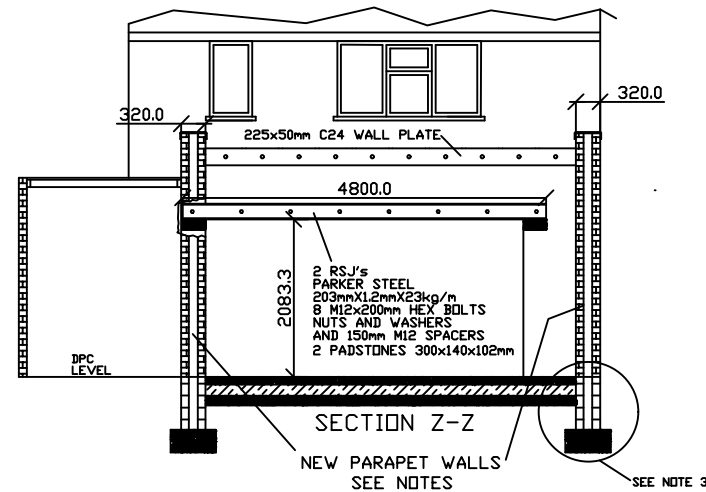
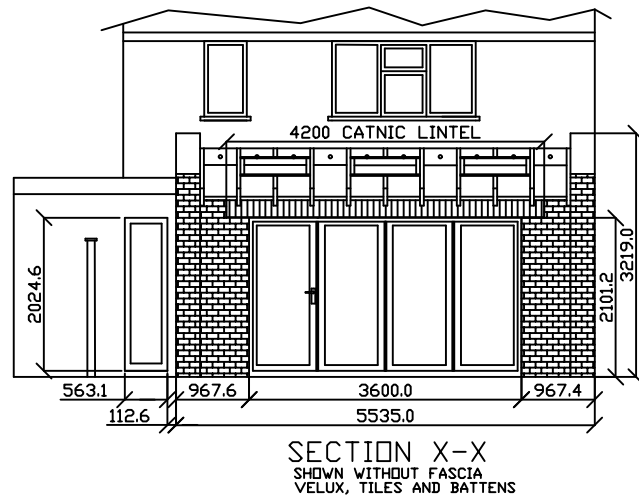
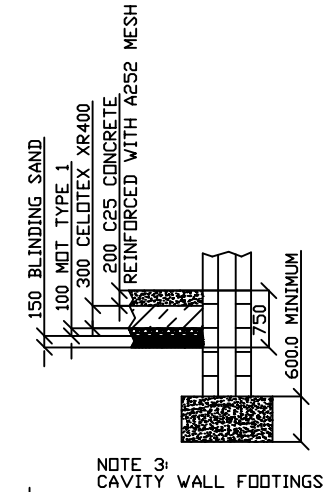
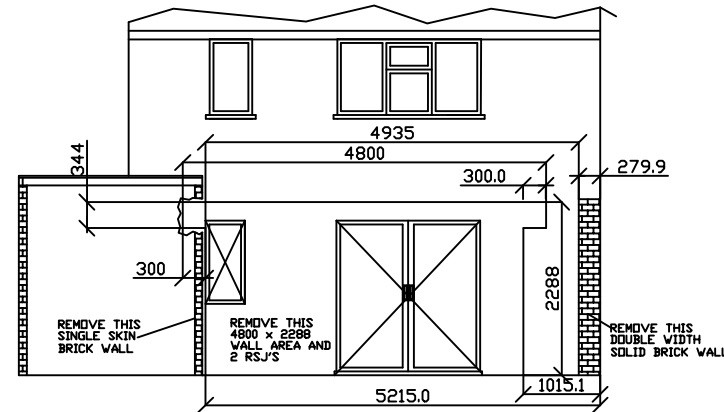
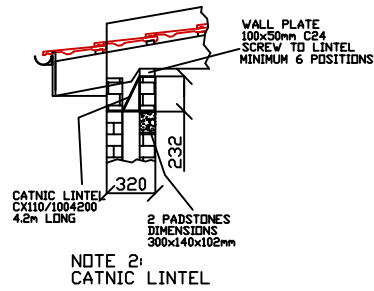
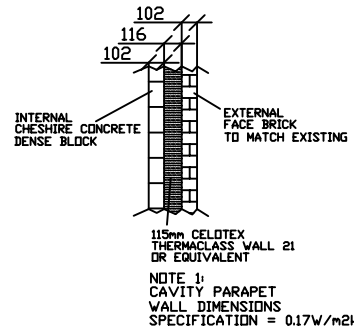


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B

C

D



PROPOSED SINGLE STORY REAR
EXTENSION FOR No57 ORMONDE RD
WOKINGHAM BERKS RG412RA

Drg No:
RG412RA-REX1

Date
17/02/2025

Revision
170225

Sheet
7.0F.9

Sheet size
A4

Title: RSJ , Catnic and
floor/footings

Designed: AJ5

Checked: ECS

Approved: CDS

File: C:\...

Scale: 1: 100

1

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5

6

BUILDING REGS NOTES

DRAINAGE

Gutters, 75mm dia black plastic RWP's to 110mm dia uPVC underground drains, 1 in 40 fall to new soakaway located not less than 5m from building and consisting of 1 cubic metre excavation filled with graded stone in 150mm layers, 80mm at bottom up to pea gravel at top with 75mm concrete slab and 100mm topsoil over

GENERAL.

All structural timber to be double pressure impregnated against all rot and insect attack.

New windows to be white uPVC to match existing style, manufacturer to provide certification proving compliance with $U\text{-value} = <1.2\text{W/m}^2\text{K}$

Any glazing below 800mm above floor level to be laminated 'kite marked' safety glass

FOUNDATIONS.

Foundations to be minimum 1 metre deep or to depth required by local authority inspector.

Any new cavities to be filled not less than 225mm below dpc with 1:12 fine concrete

WALLING.

New walling external brickwork to match existing, inner leaf to be thermalite or equivalent.

Cavities to be filled with PIR insulations.

Walls to be covered with minimum 10mm plaster.

Cavities to be closed at eaves.

DAMP PROOF COURSES

DPC to both skins, minimum 150mm above ground level.

Horizontal and vertical dpc to BS743

Vertical dpc to all windows and jams.

LINTELS.

New lintels and window openings to be Catnic lintels or equivalent.

All external wall lintels to be insulated with 'U' value no less than $0.54\text{ W/m}^2\text{K}$

All lintels to have minimum 150mm end-bearing

EXTERNAL WALL U-VALUE CALCULATION

$U\text{-Value} = 0.17\text{ W/sq.m/K}$

	Thickness(mm)	Thermal U ($\text{m}^2\text{K/W}$)
Internal surface resistance		0.13
Plaster	13mm	0.0591
inner Thermawall	102mm	0.0903
Insulation	115mm	5.48
Outer Brickwork	102mm	0.1325
External surface		0.04

Designed: AJS

Checked: ECS

Approved: CDS

File: C:\EMD...

Date: 17/02/2025

Scale: N/A

PROPOSED SINGLE STORY REAR
EXTENSION FOR No57 ORMONDE RD
WOKINGHAM BERKS RG412RA

Title: NOTES-1 BUILDING REGS

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8 of 9

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BUILDING REGS NOTES THERMAL CALCS

SOLID GROUND FLOOR U-VALUE CALCULATION

floor design is solid reinforced slab over PIR insulation

floor layers U-Value = 0.1412 W/sq.m/K

Floor construction has the following layers

value	Thickness(mm)	Resistance m2K/W
Internal surface resistance		0.17
reinforced concrete slab	100	0.0588
Celotex XR4000 150mm	150	6.8182
Ground	0	0.04

Construction has all homogenous layers

SOLID GROUND FLOOR

The ground is Clay/silt/Type-1 MDT.

ground conductivity is 1.5

All over insulation

Celotex Xr4000 150mm

Total thermal resistance of insulation layers calculated in accordance with BS EN ISO 6946

And excluding internal surface resistance

6.8182 W/m.sq/K

Exposed perimeter

8.62m

Floor area

16.96 m.sq

Width of internal wall at ground level

320mm

Designed: AJS	Checked: ECS	Approved: CDS	File: C:\EMD...	Date: 17/02/2025	Scale: N/A
PROPOSED SINGLE STORY REAR EXTENSION FOR No57 ORMONDE RD WOKINGHAM BERKS RG412RA			Title: NOTES-2 BUILDING REGS		
			Drg No: RG412RA-REX1	Revision 170225	Sheet 9 of 9
			Sheet size A4		