

DETAILED
Cavity membrane floor and wall build ups

DETAILED
Utility room 12 plan



Ground Floor Office 33 Belsize Lane London NW3 5AS Office: +44 (0) 207 431 9014 info@xularchitecture.co.uk www.xularchitecture.co.uk

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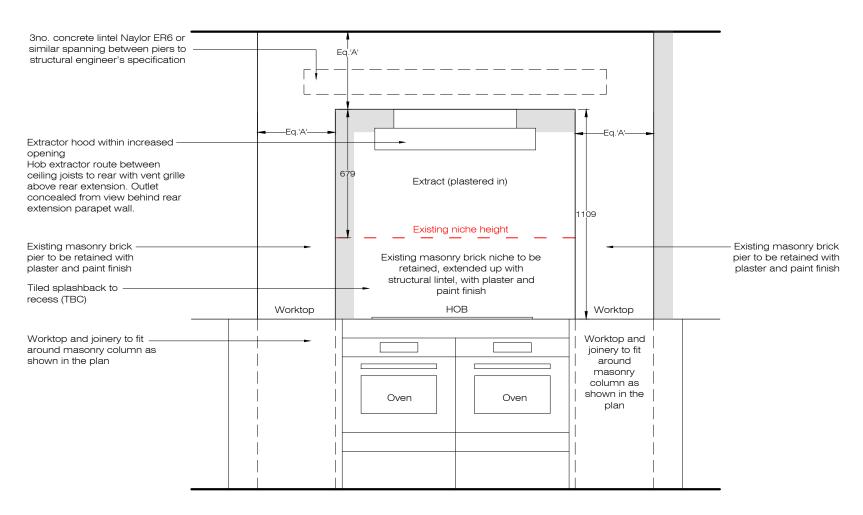
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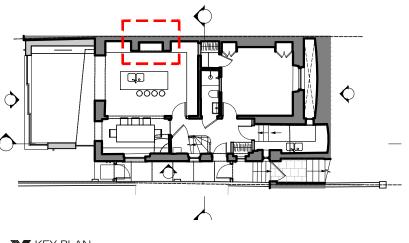
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All finishes to XUL Architecture's satisfaction. 8. All drawings to be approved by XUL Architecture

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	Issue k	Proje	ect Adre	ess	Issue For:		
	Information (I)			vost Rd,	NW3 4	ST	PLANNING
	Plannir	ng (P)	Scale	1:2	20@A3	DETAIL	

ADDITIONNAL NOTE: Rev. Date 03.09.23 Utility room build-ups Tender (T) Construction (C) Drawn TP Dwg. No. AD-01 Rev. P-01 23066 As Built (B) IW Project Number

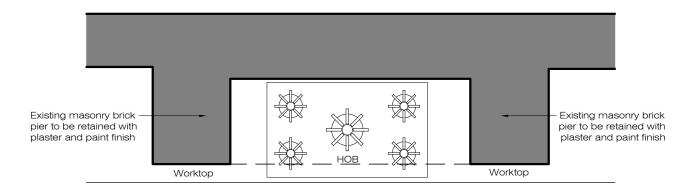




KEY PLAN

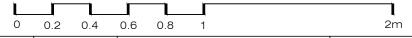
DETAILED

Hob in fireplace elevation 1:20@A3



DETAILED

Hob in fireplace plan 1:20@A3





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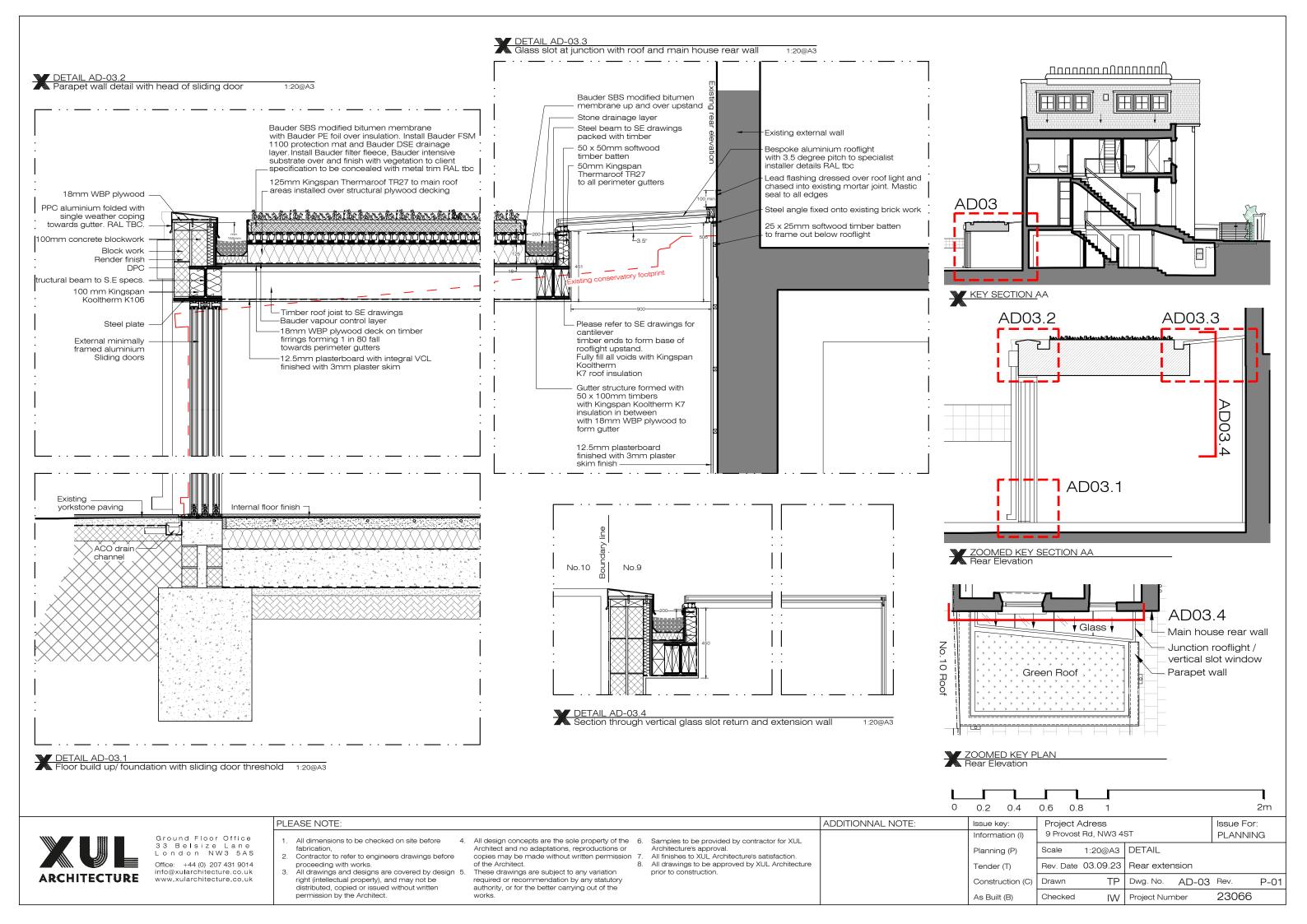
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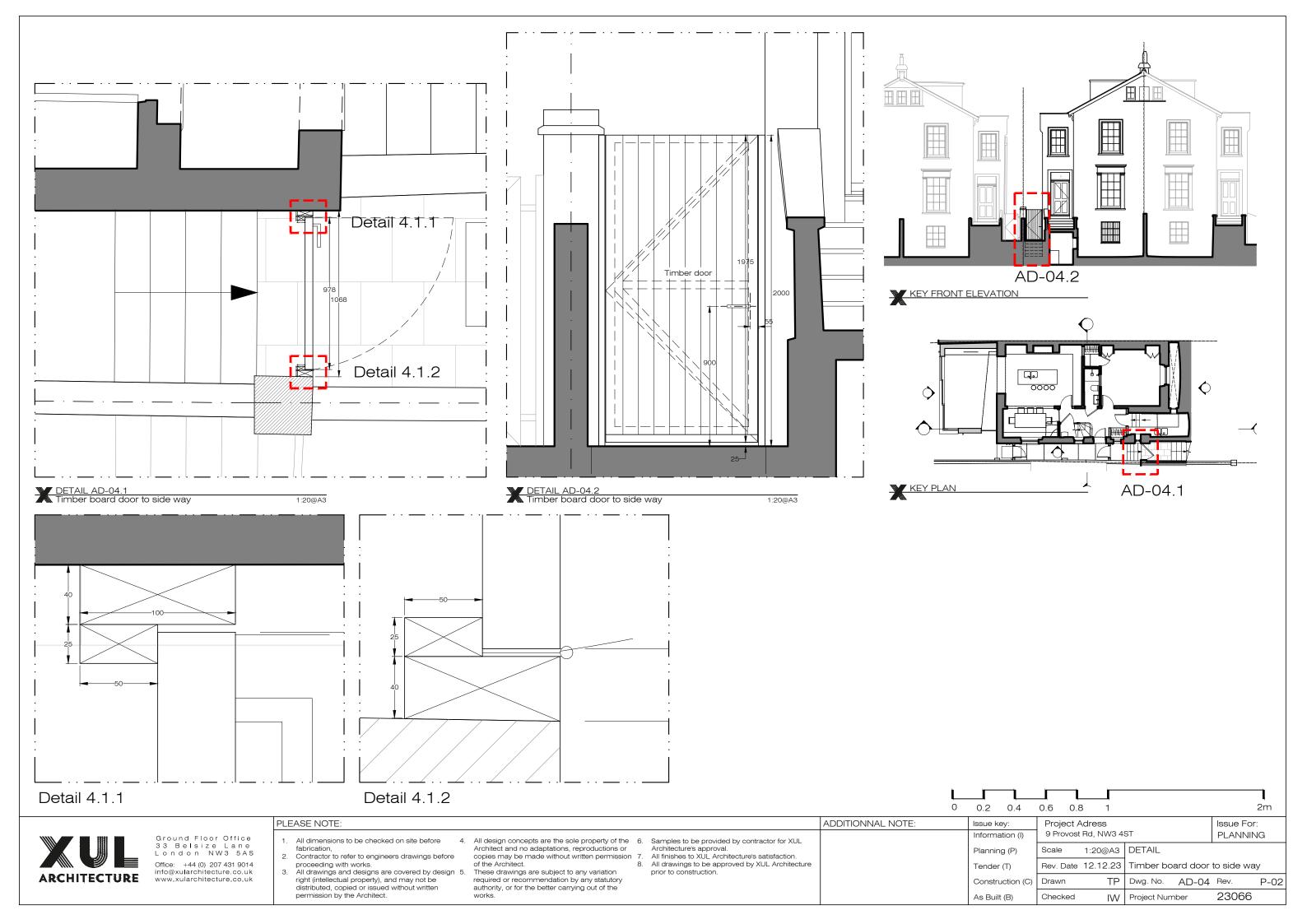
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Information (I)	9 Provost	Rd, NW3 45	PLANNIN	IG		
Planning (P)	Scale 1:20@A3 DETAIL			•		
Tender (T)	Rev. Date	03.09.23	Hob in fire	place in n	new kitcher	1
Construction (C)	Drawn	TP	Dwg. No.	AD-02	Rev.	P-01

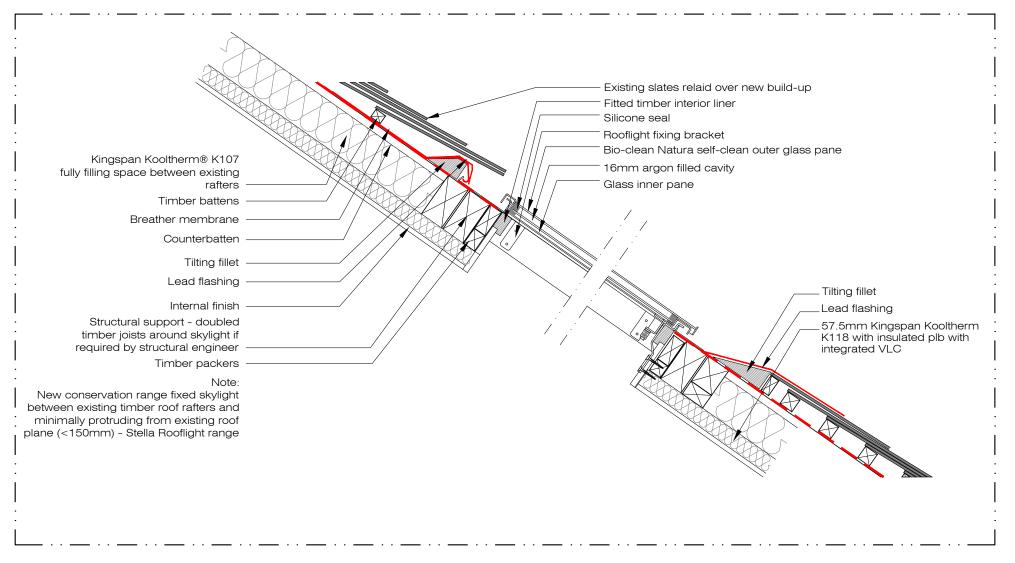
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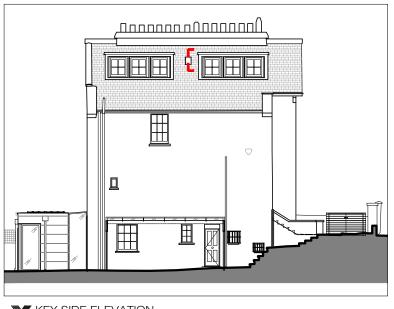
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As Built (B)





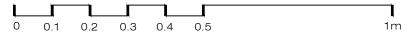




KEY SIDE ELEVATION

DETAILED

New skylights





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All dimensions to be checked on site before

PLEASE NOTE:

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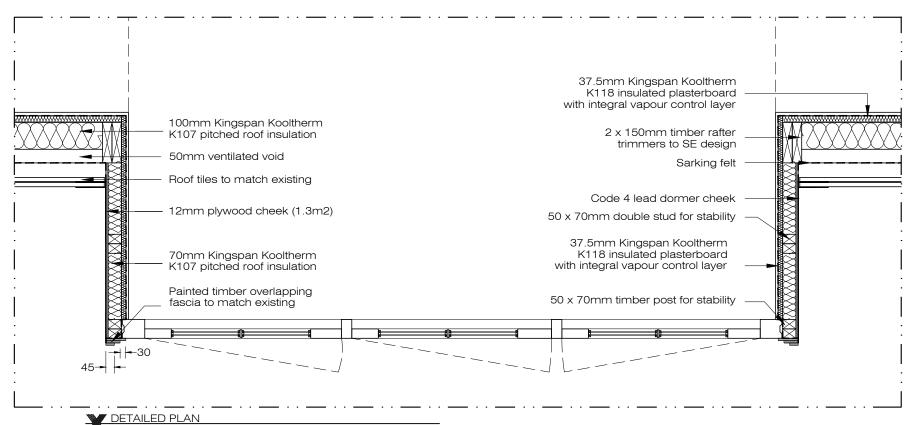
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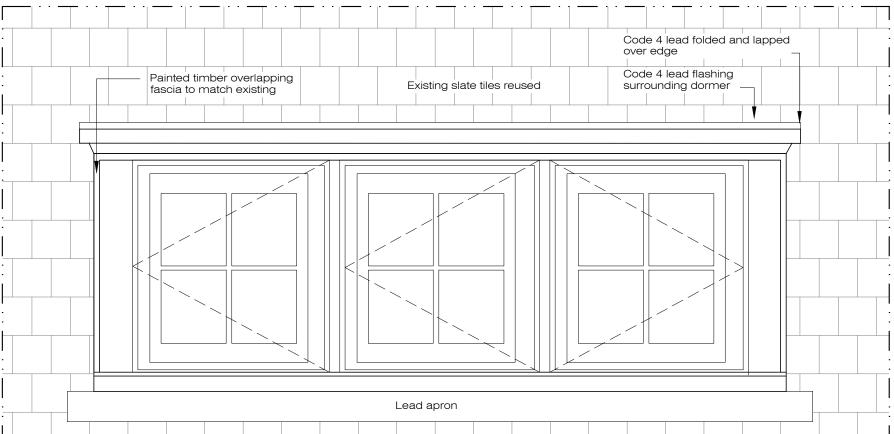
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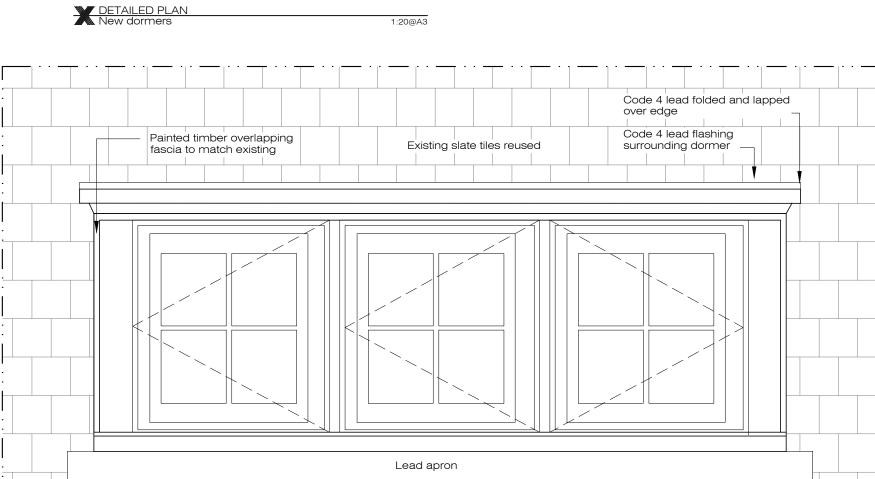
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Information (I) 9 Provost Rd, NW3 4ST PLANNING 1:10@A3 DETAIL Planning (P) Tender (T) Rev. Date 03.09.23 Skylight Dwg. No. AD-05 Rev. P-01 Drawn Construction (C) As Built (B) Project Number 23066 IW







DETAILED ELEVATION
New dormers

1:10@A3

0.2 0.4 0.6 0.8 2m

KEY SIDE ELEVATION



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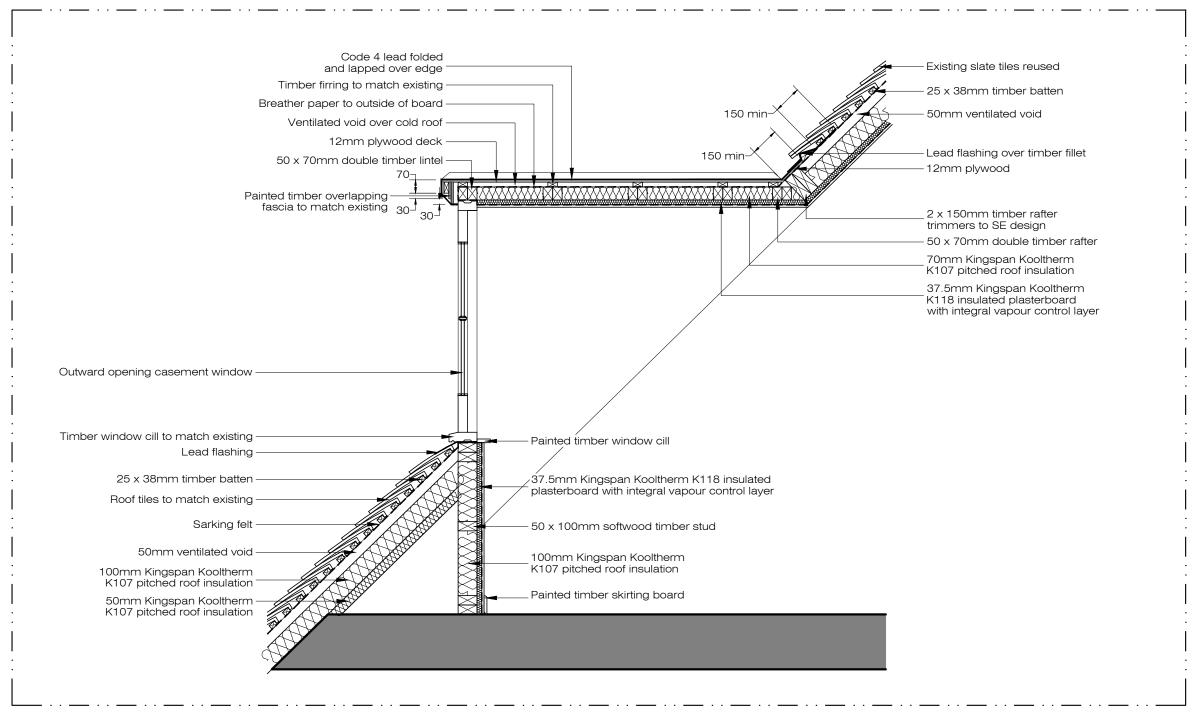
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ADDITIONNAL NOTE:

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Issue key:	Project A			Issue For:				
Information (I)	9 Provost	Rd, NW3 4		PLANNING				
Planning (P)	Scale	1:10@A3	DETAIL					
Tender (T)	Rev. Date	03.09.23	Dormers					
Construction (C)	Drawn	TP	Dwg. No.	AD-06.	1Rev.	P-01		
As Built (B)	Checked	IW	Project Num	nber	23066			



DETAILED SECTION
New dormers



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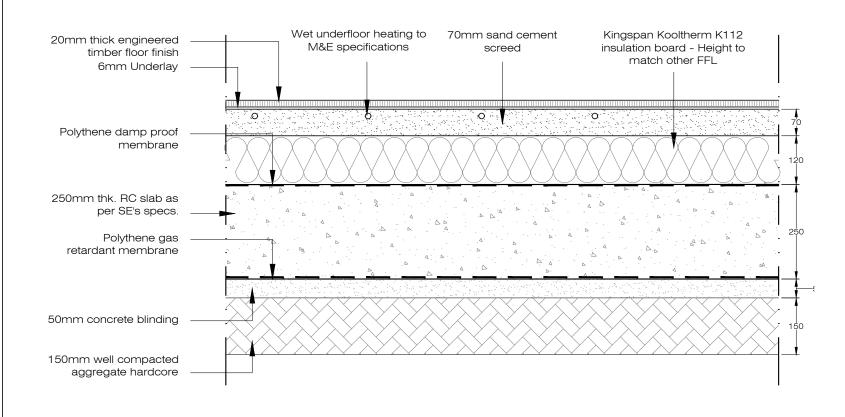
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ADDITIONNAL NOTE: Project Adress Issue key: Issue For: 9 Provost Rd, NW3 4ST Information (I) **PLANNING** 1:10@A3 DETAIL Planning (P) 8. All drawings to be approved by XUL Architecture Rev. Date 03.09.23 Dormers Tender (T) Construction (C) Drawn TP Dwg. No. AD-06.2Rev. P-01 23066 IW Project Number As Built (B)



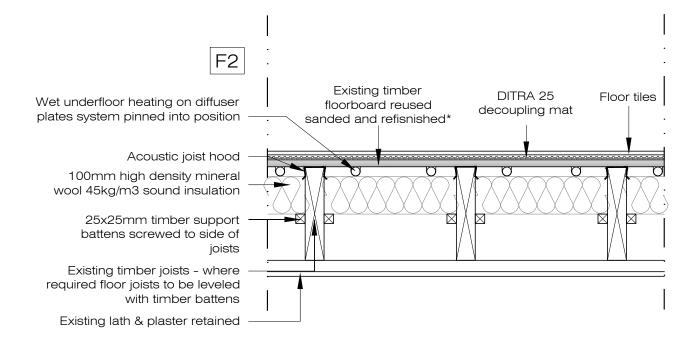
Floorboards are to be numbered, taken up and relaid after instalation of UFH, insulation and F1 other making good work. If existing floorboards are in poor condition additional layer of Existing timber engineered timber boards to be Wet underfloor heating on diffuser floorboard reused fitted over on floating underlay plates system pinned into position sanded and refisnished* Acoustic joist hood 0 100mm high density mineral wool 45kg/m3 sound insulation 25x25mm timber support battens screwed to side of Existing timber joists - where required floor joists to be leveled with timber battens Existing lath & plaster retained

DETAIL AD-08
Ground floor rear extension floor build up

1:10@A3

DETAIL AD-08
Floor build up F1

1:10@A3



F3 Existing timber Carpet Wet underfloor heating on diffuser Carpet underlay floorboard reused plates system pinned into position sanded and refisnished* Acoustic joist hood 100mm high density mineral wool 45kg/m3 sound insulation 25x25mm timber support battens screwed to side of Existing timber joists - where required floor joists to be leveled with timber battens Existing lath & plaster retained

1:10@A3

DETAIL AD-08
Floor build up F2

1:10@A3

DETAIL AD-08
Floor build up F

ADDITIONNAL NOTE:

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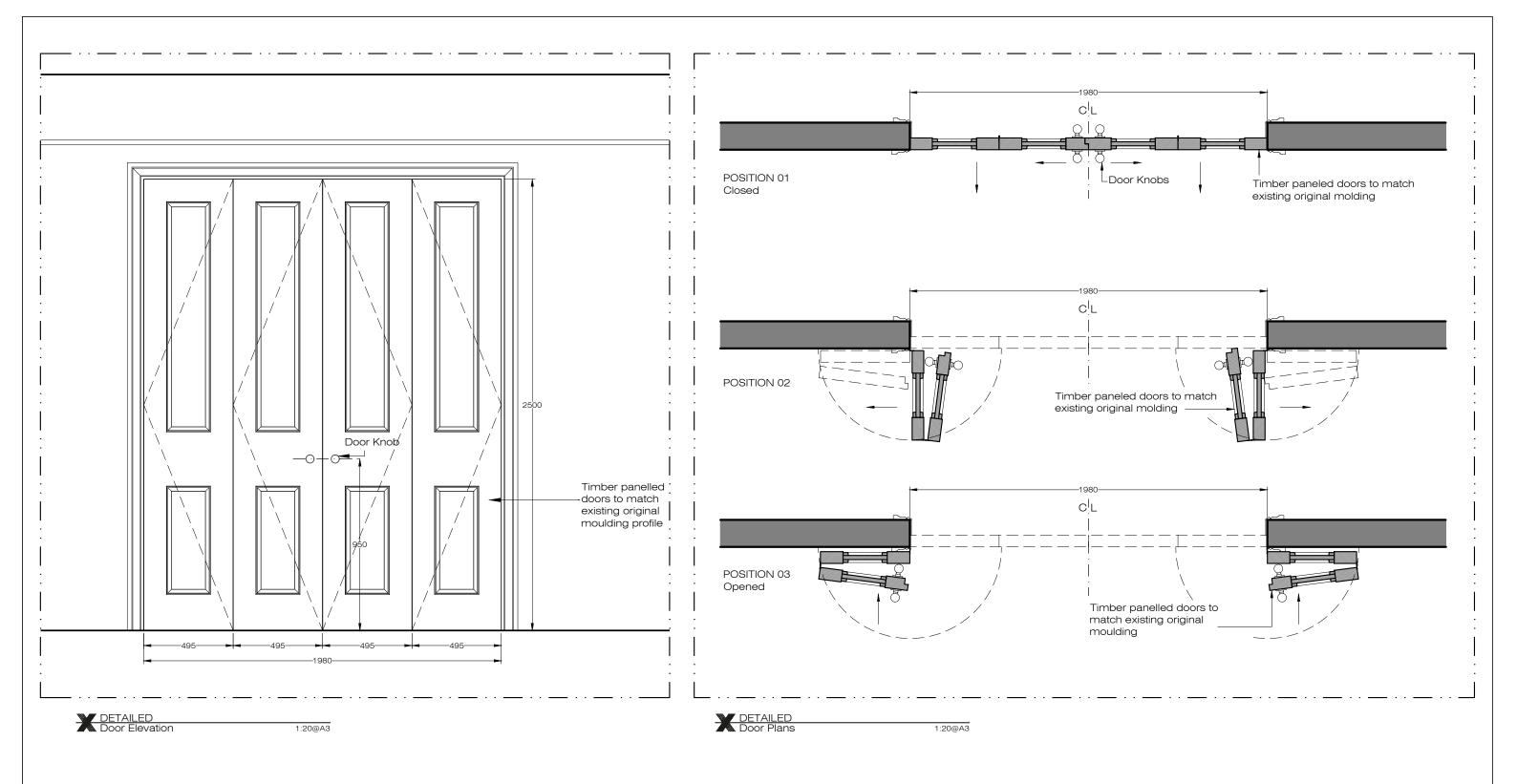
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- Architecture's approval.
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Project Adress Issue For: Issue kev Information (I) 9 Provost Rd, NW3 4ST **PLANNING** 1:10@A3 DETAIL Planning (P) Tender (T) Rev. Date 03.09.23 Floor Build-ups Dwg. No. AD-08 Drawn TP Rev. P-01 Construction (C) As Built (B) Project Number 23066 IW



Bi-fold doors to fit the existing structural opening.



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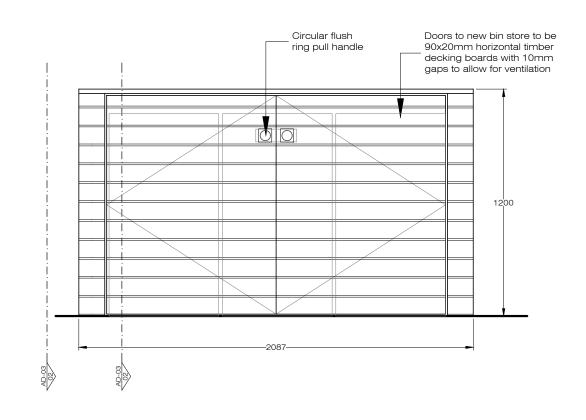
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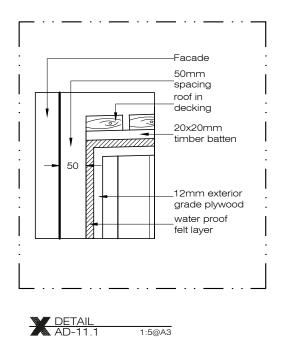
0.2 0.4 0.6 0.8 2m Issue key: Project Adress Issue For: 9 Provost Rd, NW3 4ST Information (I) PLANNING 1:10@A3 DETAIL Planning (P) Rev. Date 12.12.23 Bi-fold door Tender (T) Drawn Dwg. No. AD-10 Rev. P-02 Construction (C)

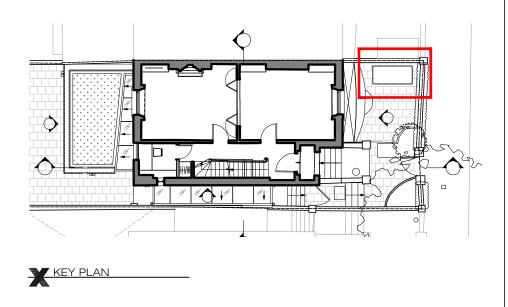
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Project Number

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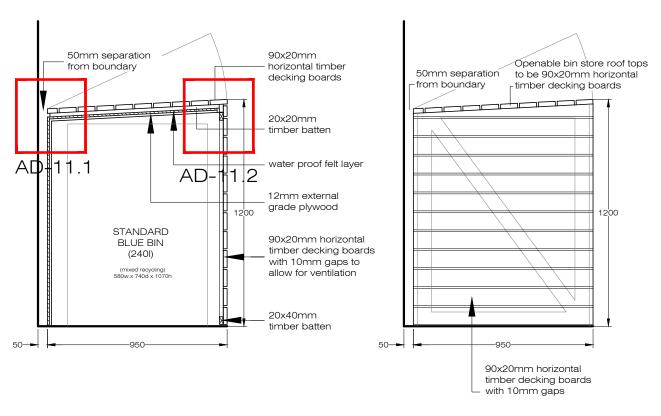


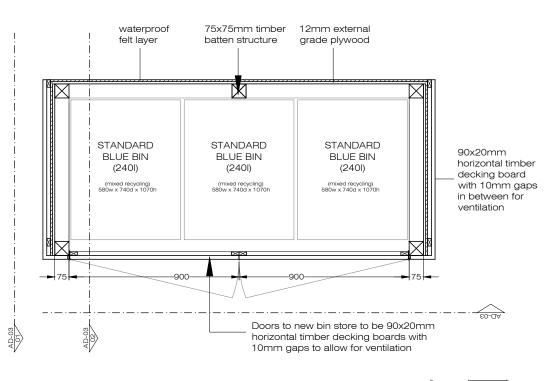




DETAILED Front elevation

1:20@A3

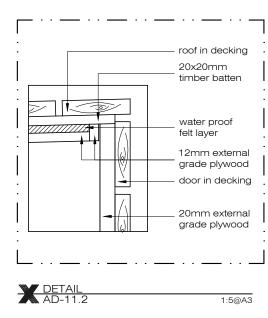




ADDITIONNAL NOTE:

As Built (B)

Checked



DETAILED
Section, Side Elevation and Plan

1:20@A3

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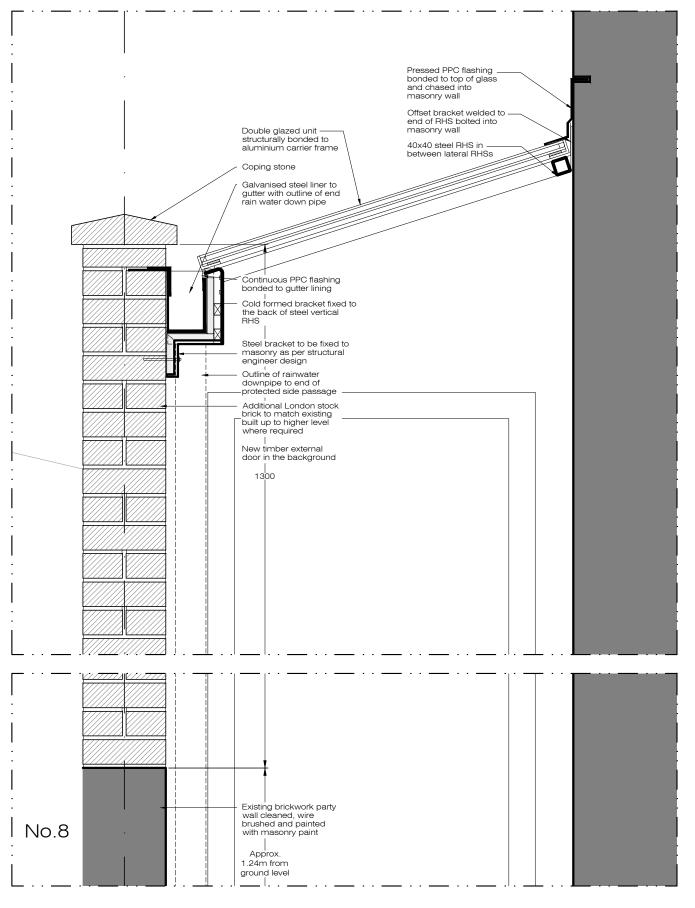


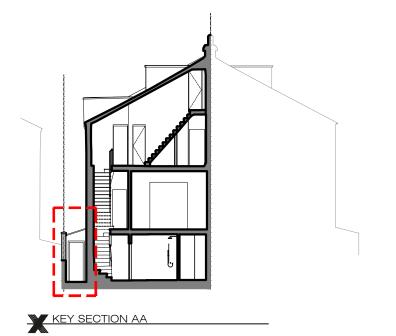
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Issue For: Issue key: Project Adress 9 Provost Rd, NW3 4ST Information (I) **PLANNING** 1:10@A3 | DETAIL Planning (P) Scale Rev. Date 03.09.23 Bin Enclosure Tender (T) Construction (C) Drawn TP Dwg. No. AD-11 Rev. P-01

IW Project Number





DETAILED

Side passage way Lean to roof section

PLEASE NOTE:

1:10@A3

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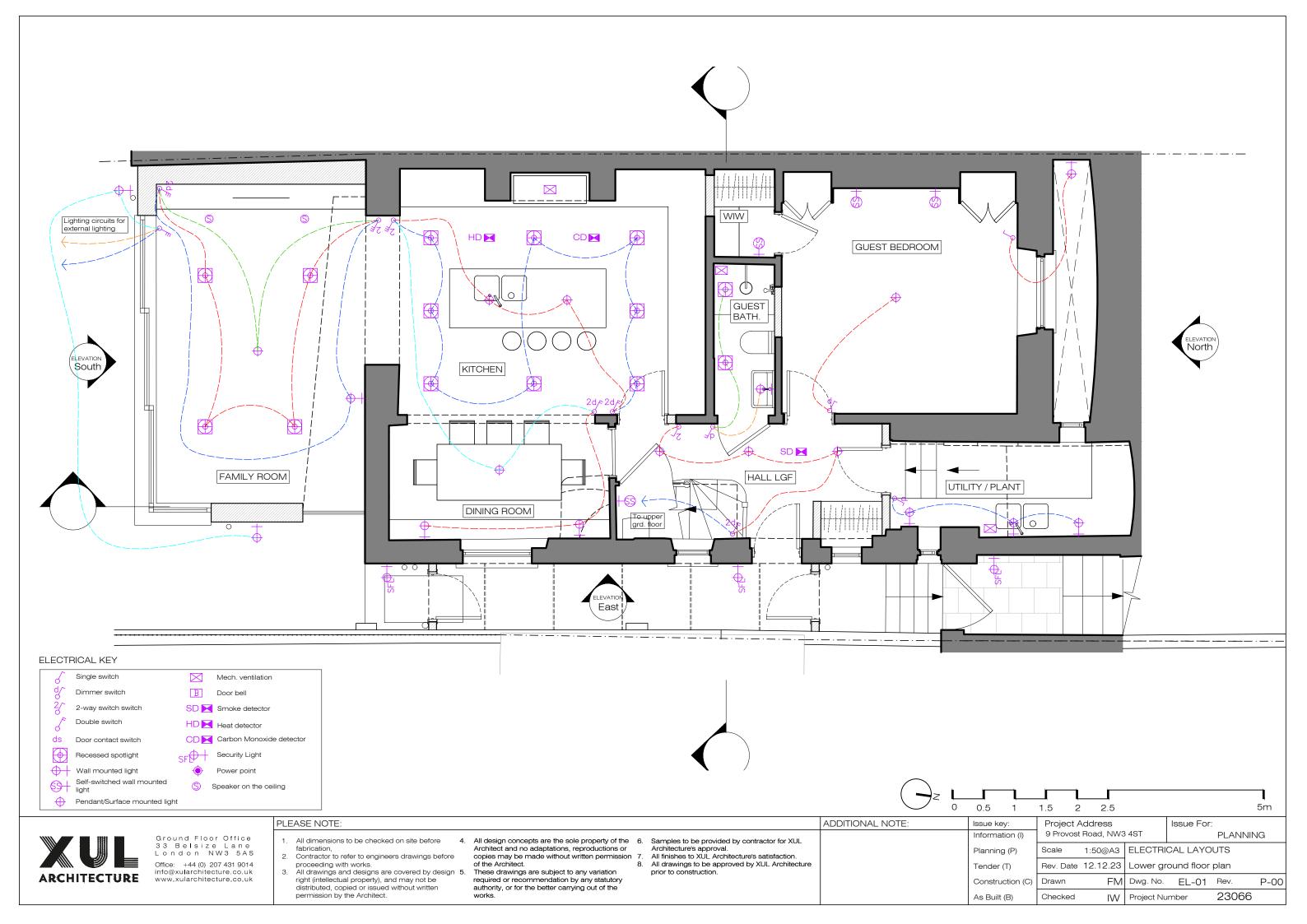
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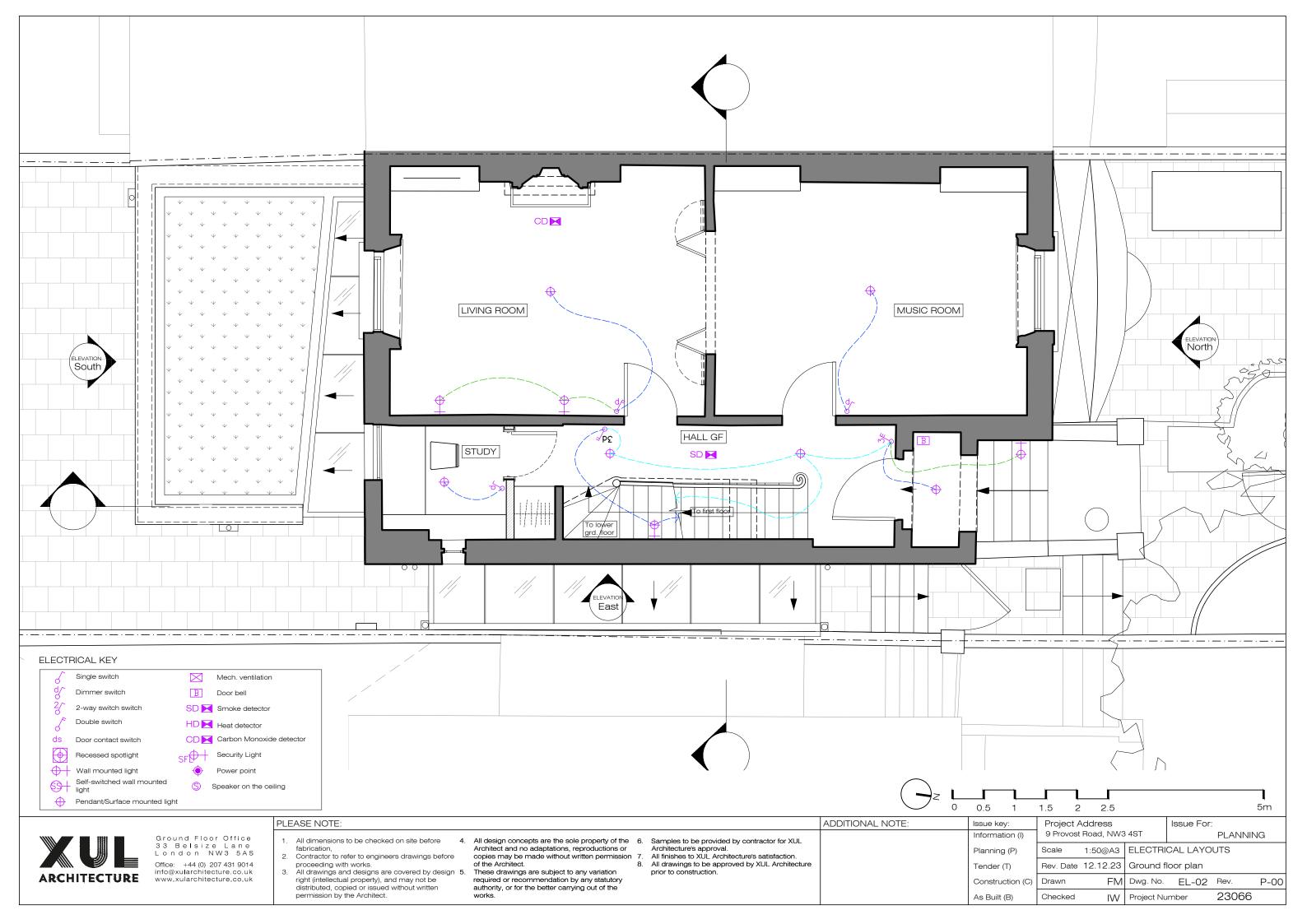
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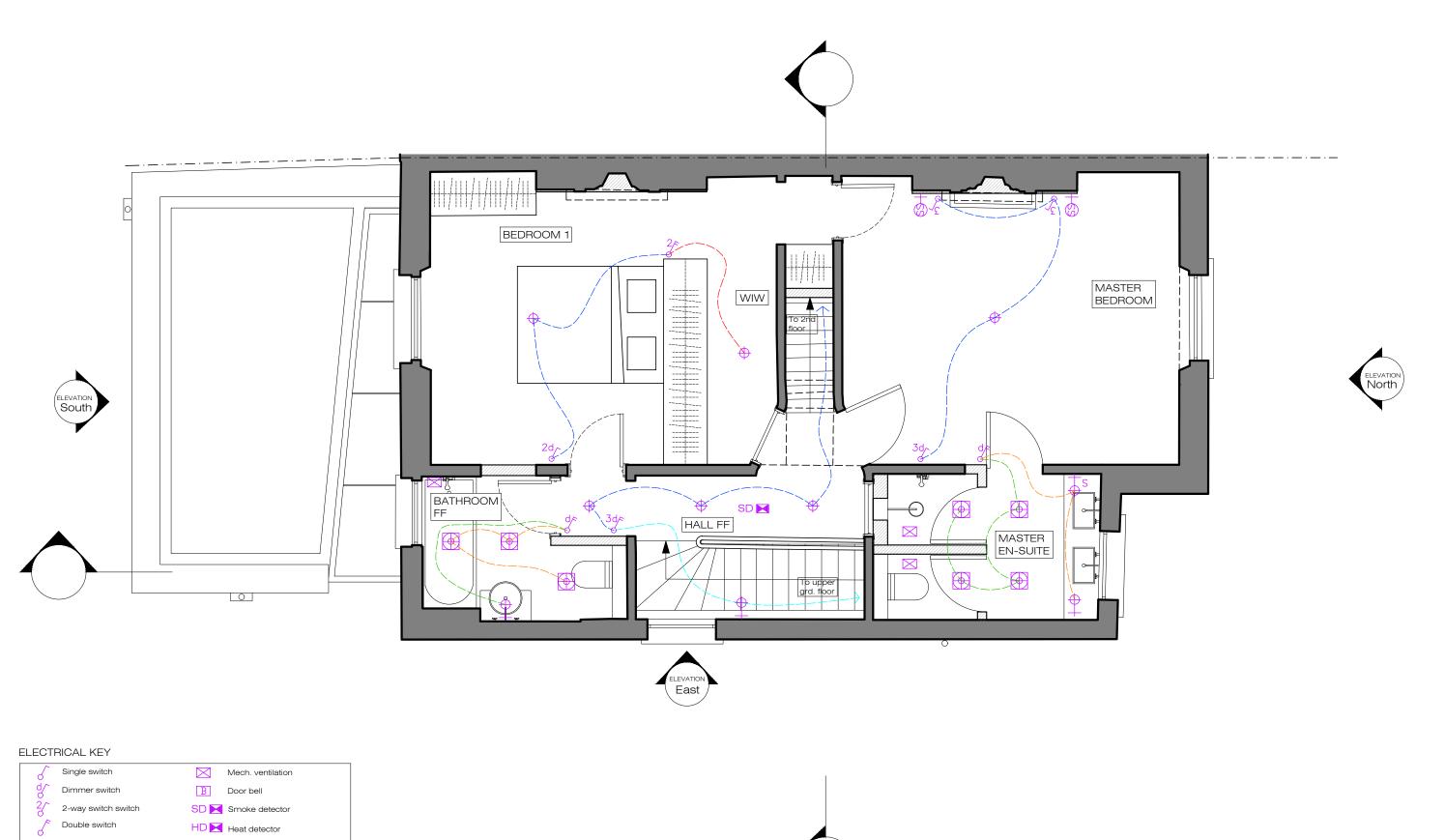
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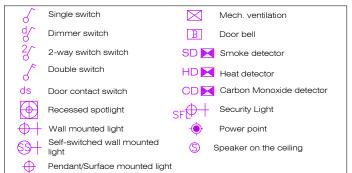
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	ADDITIONNAL NOTE:	Issue key:	Project A	Adress			Issue For:	:
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		Planning (P)	Scale	1:10@A3	DETAIL			
		Tender (T)	Rev. Date	03.09.23	Side passa	ageway le	an-to roof	i
		Construction (C)	Drawn	TP	Dwg. No.	AD-12	Rev.	P-01
		As Built (B)	Checked	I\A/	Project Num	ber	23066	

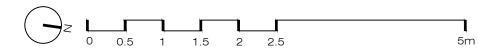












As Built (B)



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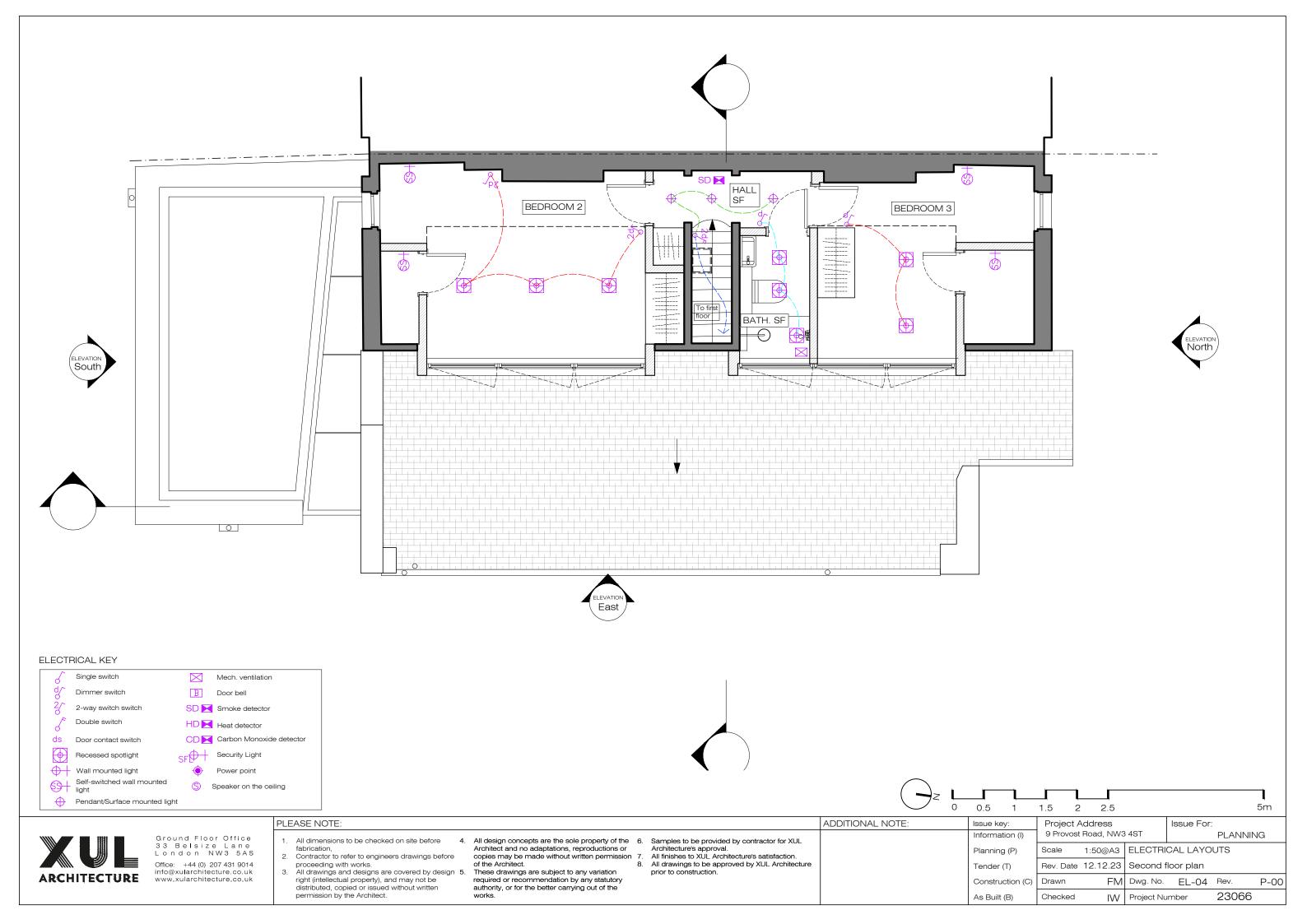
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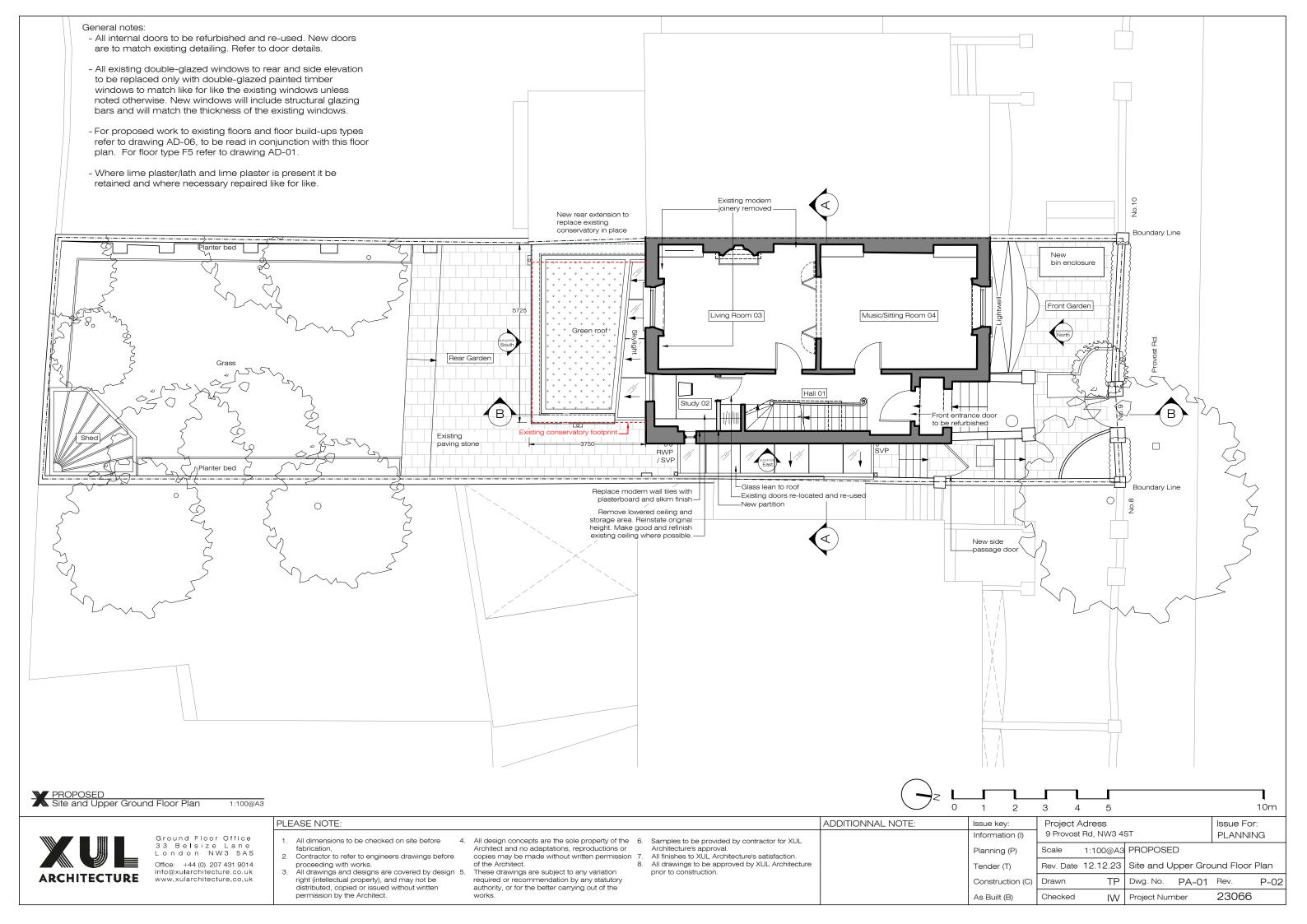
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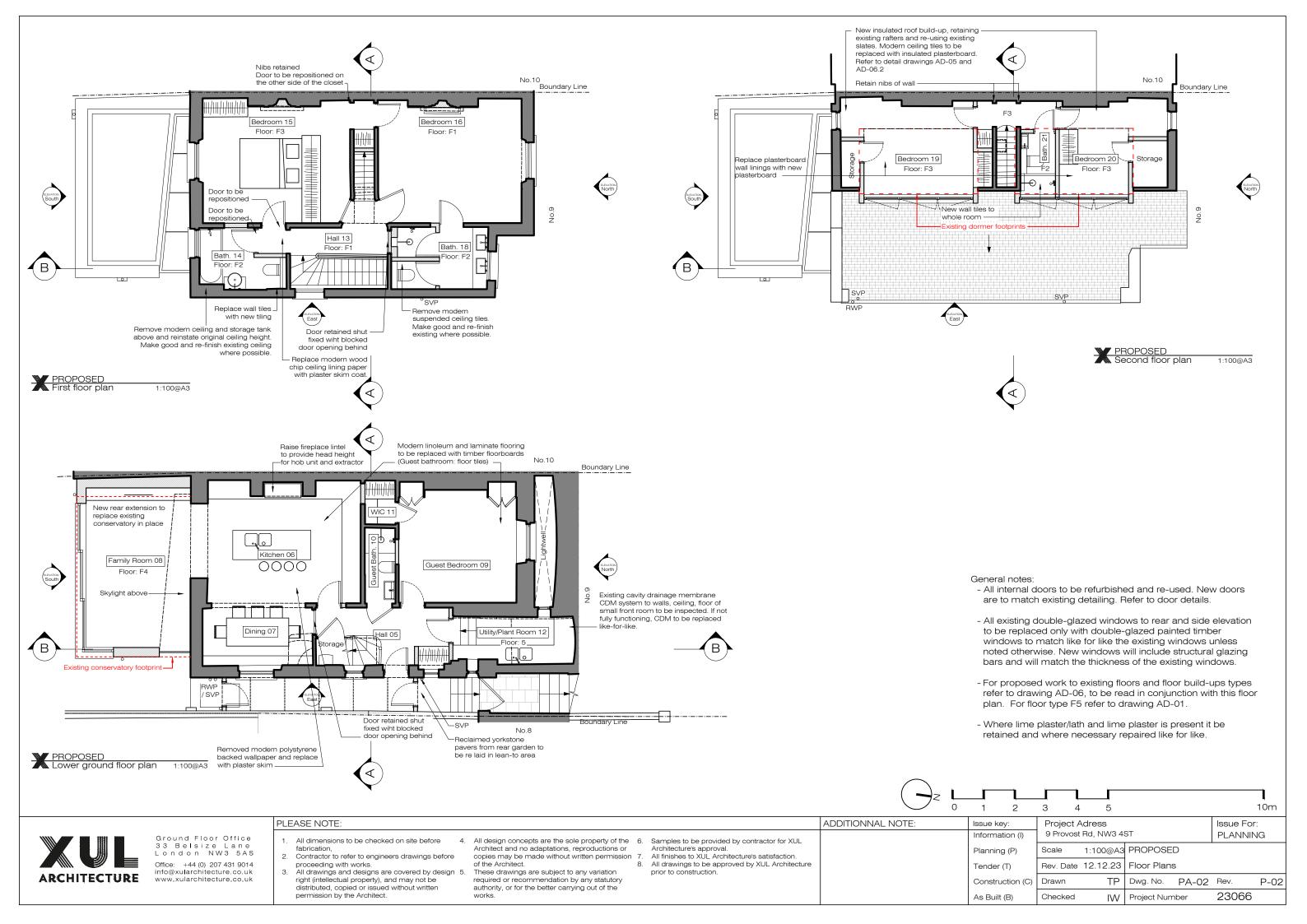
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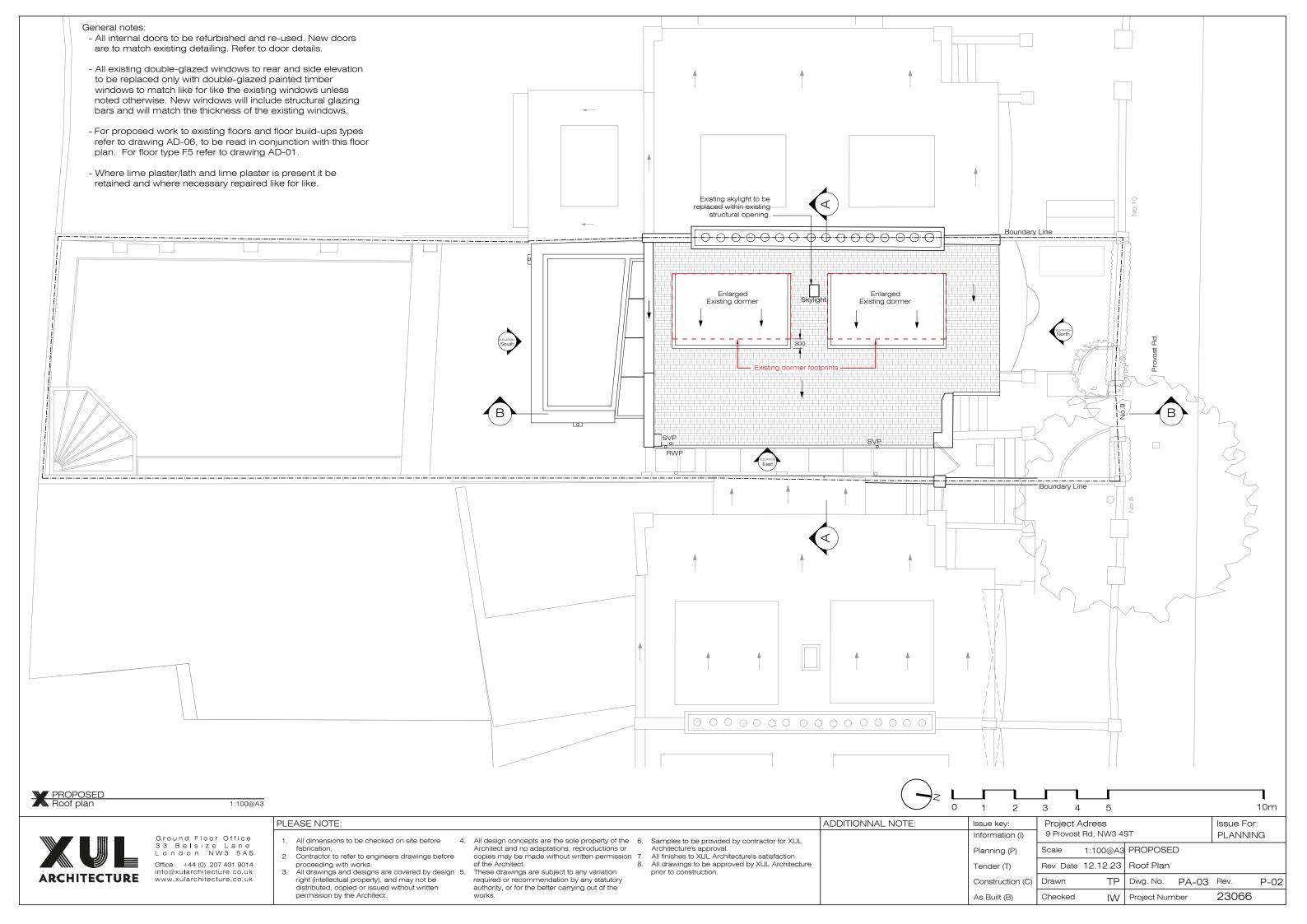
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	Planning (P)	Scale	1:50@A3	ELECTRI	CAL LAYO	UTS	
	Tender (T)	Rev. Date	12.12.23	First floor	plan		
	Construction (C)	Drawn	FM	Dwg. No.	EL-03	Rev.	P-00

IW Project Number











No changes to front boundary wall

PROPOSED

North Elevation (Front) - Street view

1:100@A3

- All existing double-glazed windows to rear and side elevation to be replaced only with double-glazed painted timber windows to match like for like the existing windows unless noted otherwise. New windows will include structural glazing bars and will match the thickness of the existing windows.
- For proposed work to existing floors and floor build-ups types refer to drawing AD-06, to be read in conjunction with this floor plan. For floor type F5 refer to drawing AD-01.

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- Where lime plaster/lath and lime plaster is present it be retained and where necessary repaired like for like.

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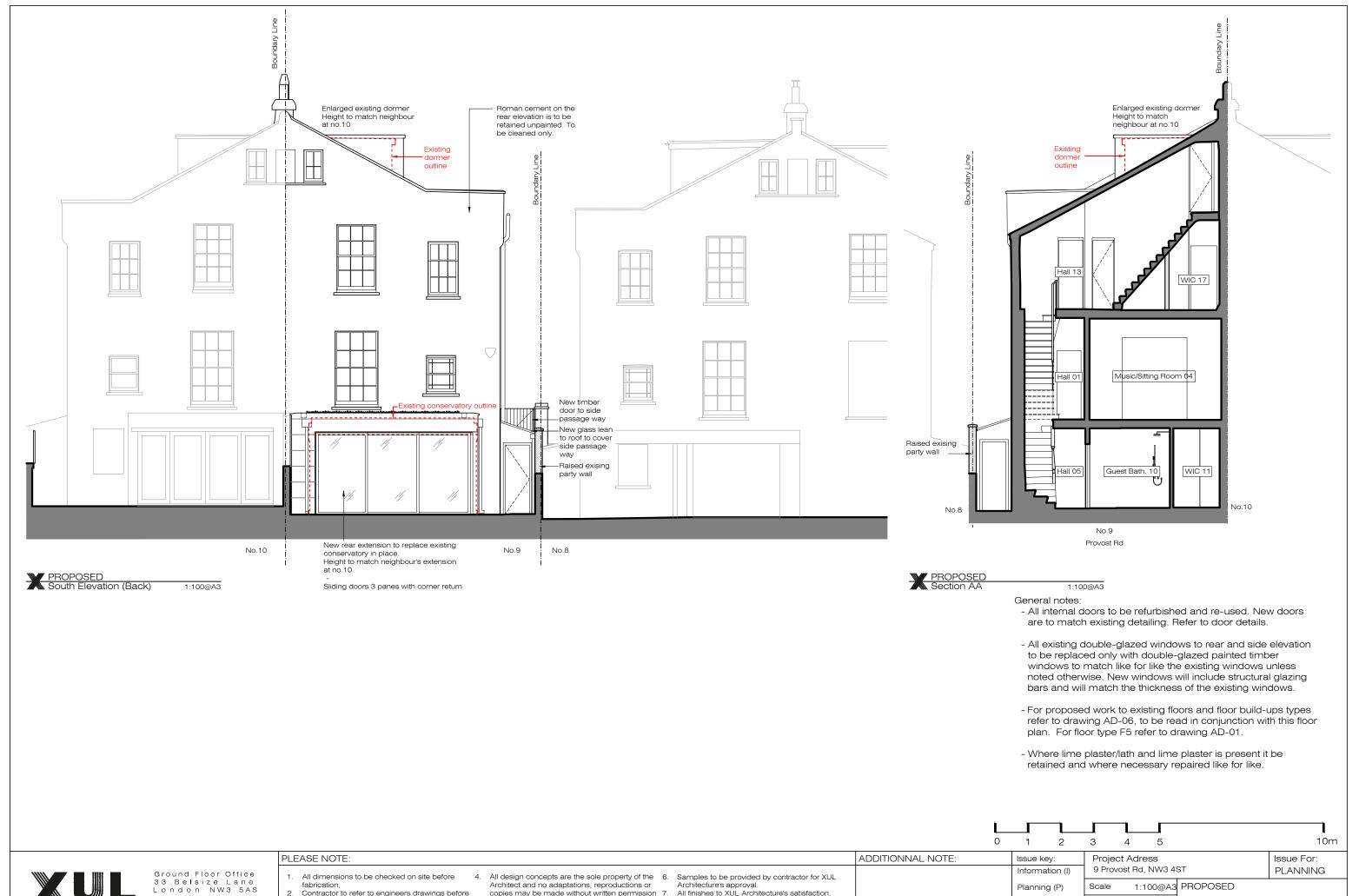
1 3 4 PLEASE NOTE: ADDITIONNAL NOTE: Issue kev: Information (I) All design concepts are the sole property of the 6. All dimensions to be checked on site before Samples to be provided by contractor for XUL



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- Project Adress Issue For: 9 Provost Rd, NW3 4ST PLANNING 1:100@A3 PROPOSED Planning (P) All drawings to be approved by XUL Architecture Tender (T) Rev. Date 12.12.23 Elevations prior to construction. Dwg. No. PA-04 Rev. Drawn TP P-02 Construction (C) As Built (B) Project Number 23066 IW





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Drawn

Construction (C)

As Built (B)

Dwg. No.

Project Number

TP

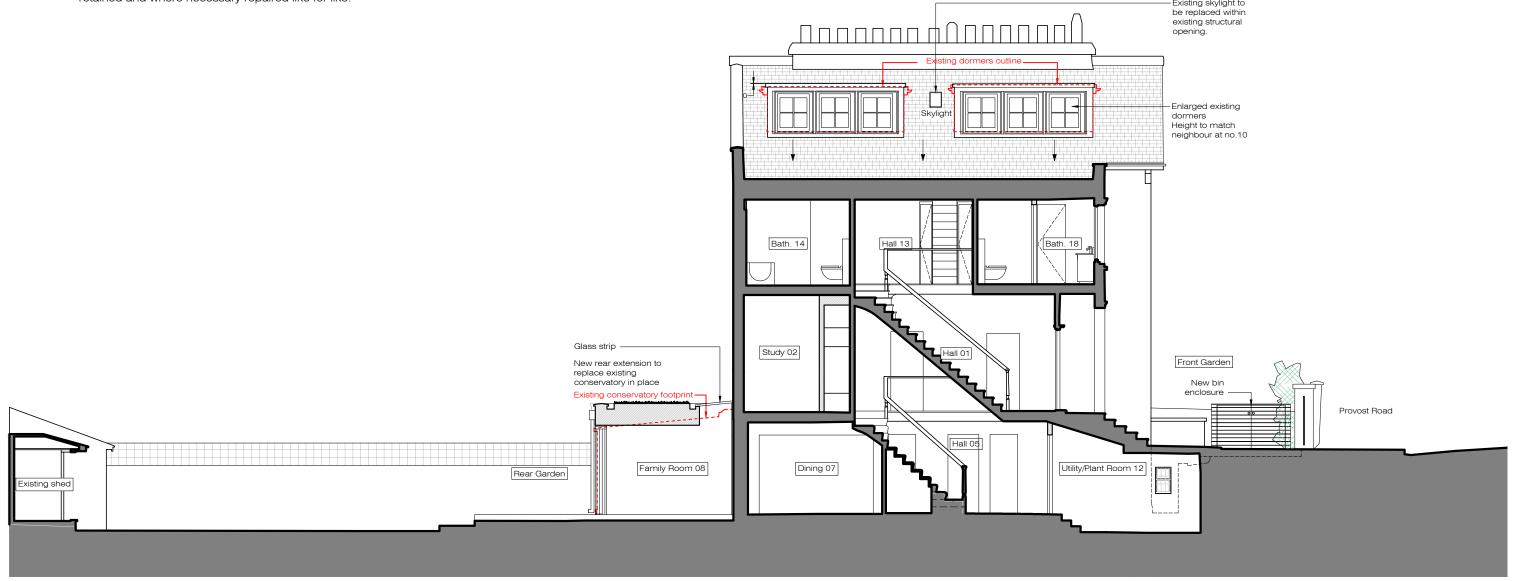
IW

PA-05 Rev.

23066

P-02

- All internal doors to be refurbished and re-used. New doors are to match existing detailing. Refer to door details.
- All existing double-glazed windows to rear and side elevation to be replaced only with double-glazed painted timber windows to match like for like the existing windows unless noted otherwise. New windows will include structural glazing bars and will match the thickness of the existing windows.
- For proposed work to existing floors and floor build-ups types refer to drawing AD-06, to be read in conjunction with this floor plan. For floor type F5 refer to drawing AD-01.
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1:100@A3

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ADDITIONNAL NOTE: Issue For: Project Adress Issue key: Information (I) 9 Provost Rd, NW3 4ST PLANNING Architecture's approval.

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DEVISE.

9 Provost Street, NW3 4ST

Sequence of Works

Contents

Introduction	2
Sequence of Works - Wall Openings	3
5.	
Sequence of Works - Loft Structure	4

Author	Approved by	Revision	Date
Michael Carr	Graham Starling	T1	15/12/2023
MEng	CEng MIStructE		

One

Introduction

Devise Engineers have been asked to prepare a structural design for 9 Provost Street. The existing property is a semi-detached house likely built in the Victorian Era. The external walls are solid masonry, while the floor and roof structures are formed from timber joist construction. The internal walls to the property are formed from solid masonry at lower ground and ground floor level, and timber stud at first and second floor level.

9 Provost Street is a Grade II listed structure.

The scope of the works to the build includes a new rear extension, minor internal remodelling with the changes in the locations of door opening and extending the existing dormers to the loft structure.



Figure 1: Front Elevation of Property

Two

Sequence of Works - Wall Openings

The two existing door openings at first floor level are to be repositioned as shown in Figure 2. Small exploratory works openings have already been made within the walls, see Appendix 1, which shows no diagonal timber bracing is present within the wall at the proposed locations. The work will only require the moving of vertical timber studs and horizontal timber noggins.

The openings will be created in the following sequence:

- Carefully strip back lath and plaster from walls to the line of the proposed opening.
- Carefully remove the timber stud at the head by unscrewing cutting through the nails
- Move and re-use existing timber stud to location of new opening locations.
- Skew nail into headplate and sole plate.
- Follow the same process listed above to move any noggins.
- Reinstate lath and plaster to architect details.
- Apply finishes to wall as per architects' specification.

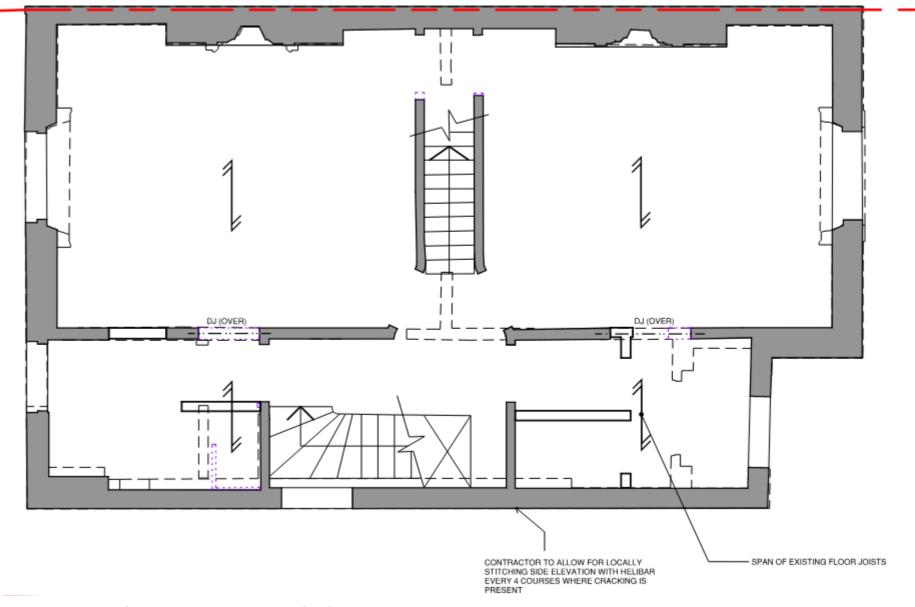


Figure 2: Locations of proposed door openings at first floor level.

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Three

Sequence of Works - Loft Structure

The two existing dormers are to be extended to increase the size of the second-floor plan. Only the existing flat roof structure and dormer walls will be affected by the works.

The openings will be created in the following sequence:

- The existing dormer flat roof to be temporarily propped 500mm away from dormer window opening.
- Finishes to existing dwarf dormer wall to be carefully stripped back to the line of the edge of the proposed dormer.
- Remove the existing windows.
- Carefully remove the timber studs forming the dwarf wall by unscrewing or cutting through the nails, with a view to reuse provided they are in good condition.
- Existing dormer cheeks above pitched roof level to be removed.
- New doubled up timber rafters to be installed to support dormer cheeks, to prevent loading of existing floor structure. Install new dormer cheeks off new doubled up joists.
- Locally strip back existing flat roof structure to expose existing flat roof joists.
- Existing timber flat roof joists to be lengthened via splice connection, this will entail lapping the joists for a metre length and bolting together with M12 bolts at 300mm centres to location of new dormer.
- Install trebled up joist to span over new dormer glazing.
- Build dwarf dormer wall under glazing, using reused timber as far as practicable.
- Install glazing.
- Finishes to roof structure and internals wall to be undertaken to architects' specification.

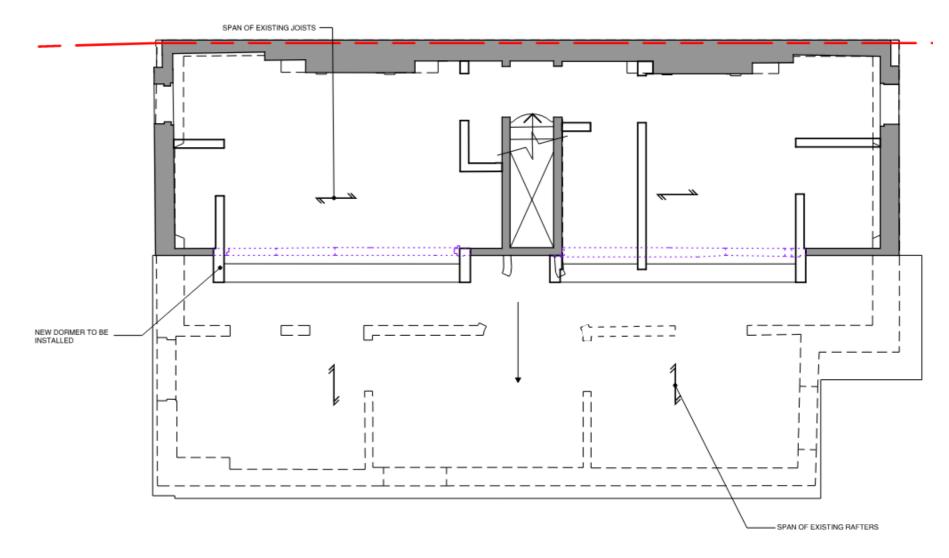


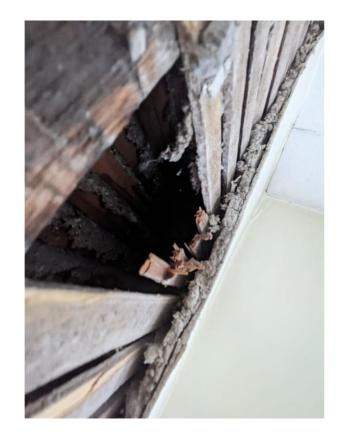
Figure 3 - Proposed works to existing dormers.

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Appendix 1









Photographs of openings in walls where proposed door openings are to be located.