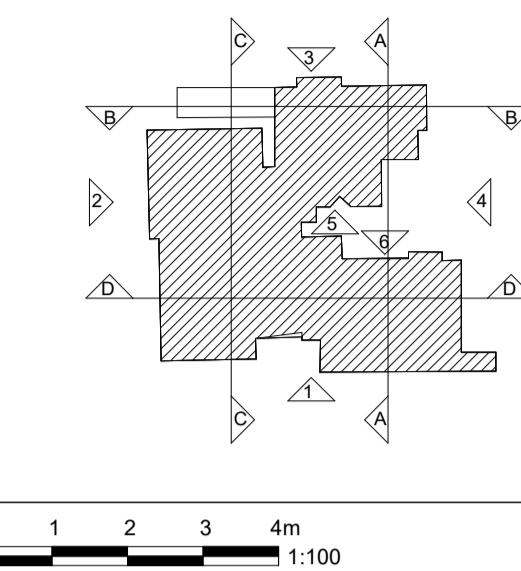


Notes

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- If in doubt ask
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Key Plan



GENERAL NOTES:

M&E Servicing

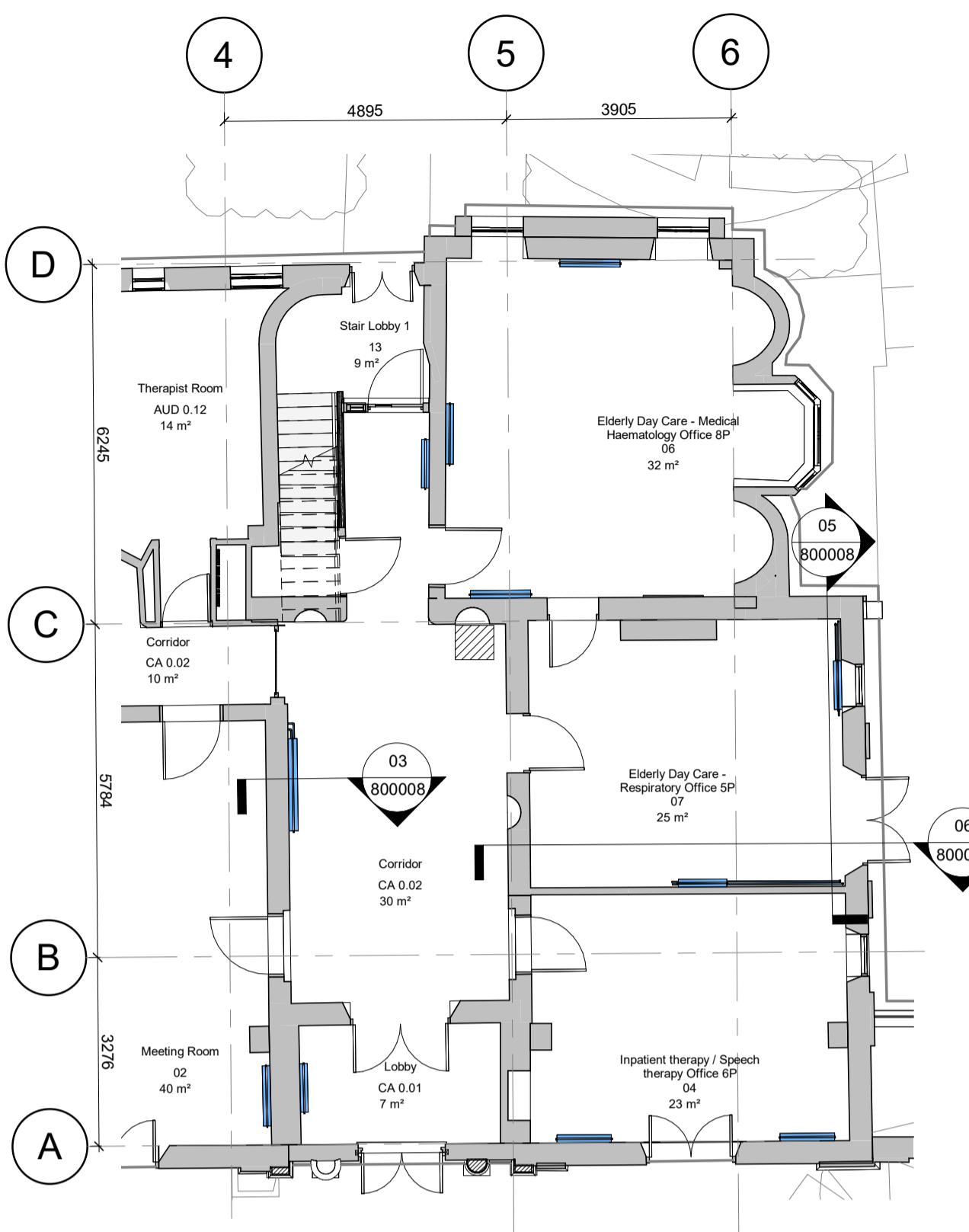
Pipework within the Furze has been modified to be surface mounted for several reasons. Initially, the design involved routing the pipework through an existing ceiling void along existing routes. However, intrusive surveys revealed that this void was not feasible due to the presence of wooden beams throughout (refer to image), obstructing the route of services.

Additionally, in some areas where services were intended to run through the floor, further investigation revealed that existing pipework had been embedded in concrete (refer to image). Maintaining the existing routing would necessitate demolishing or removing sections of floors/walls to ensure proper installation of the pipework to meet required standards.

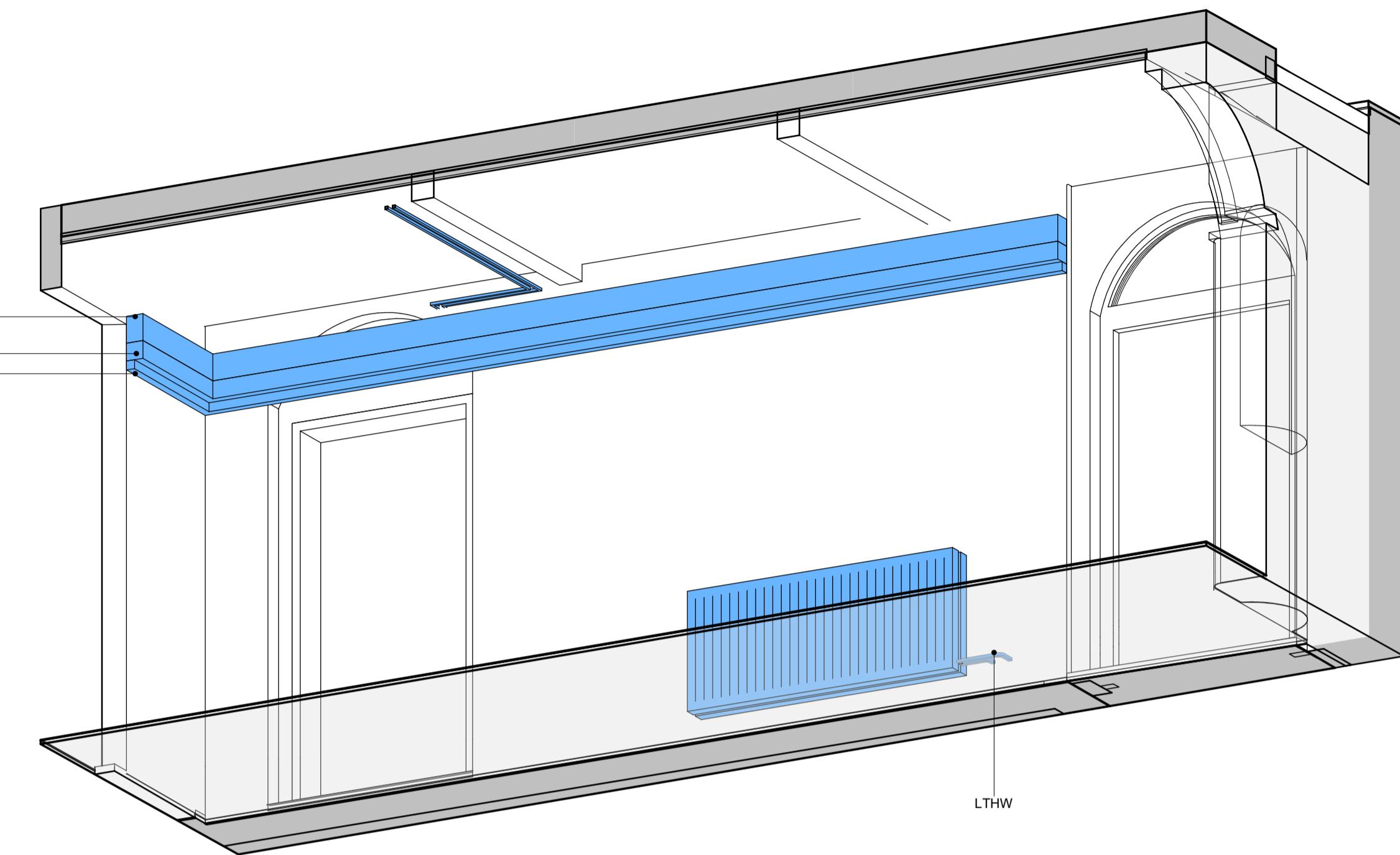
However, this would entail potential damage to multiple areas of the building, particularly within the original structure.

Given the compliance to listed building requirements, which prohibit the addition of secondary/suspended ceilings and boxing around skirting/ceilings/walls, the exposed routing was proposed as a last option design solution.

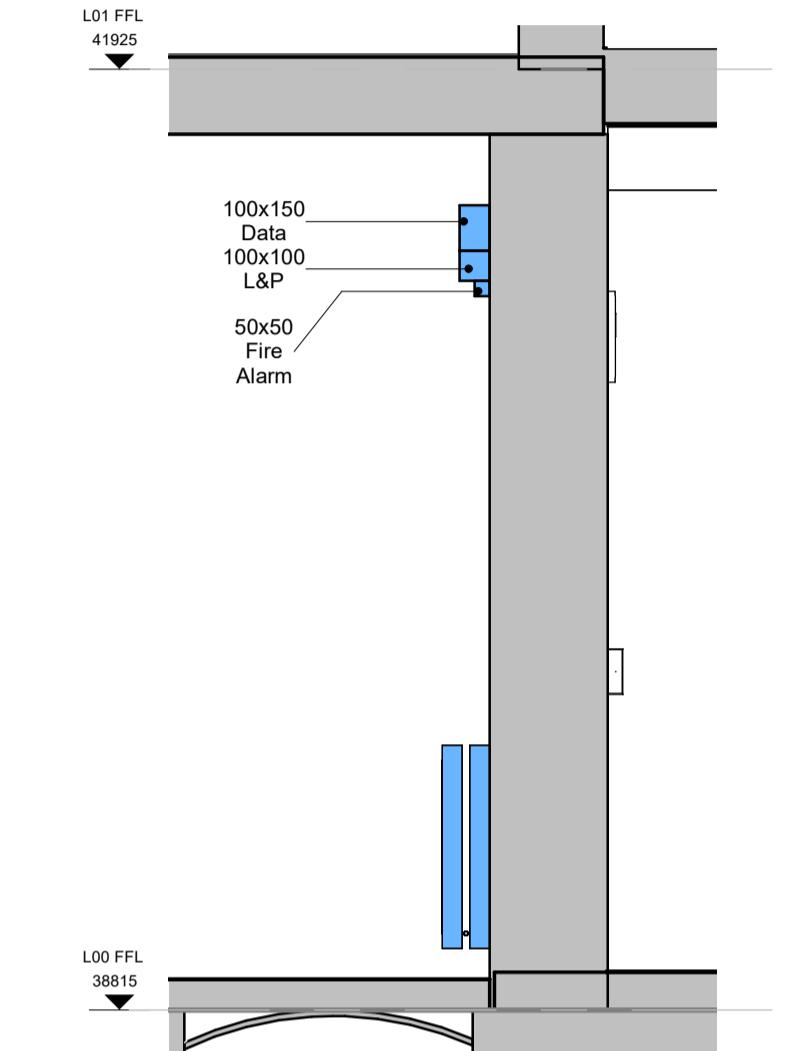
Furthermore, all routes have been designed to either wrap around columns/walls or avoid important features, in line with maintaining building's architectural integrity.



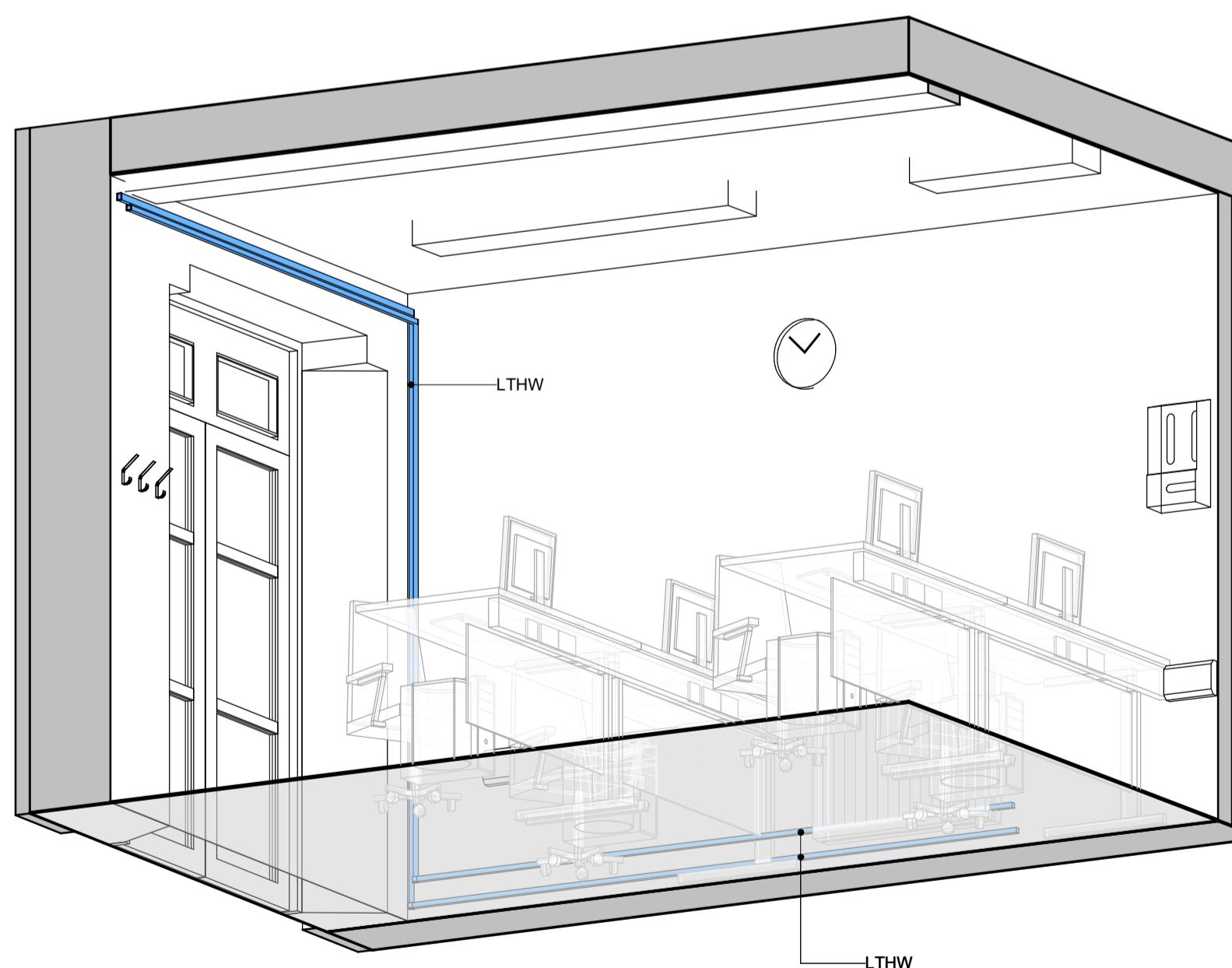
Proposed Ground Floor
1: 100



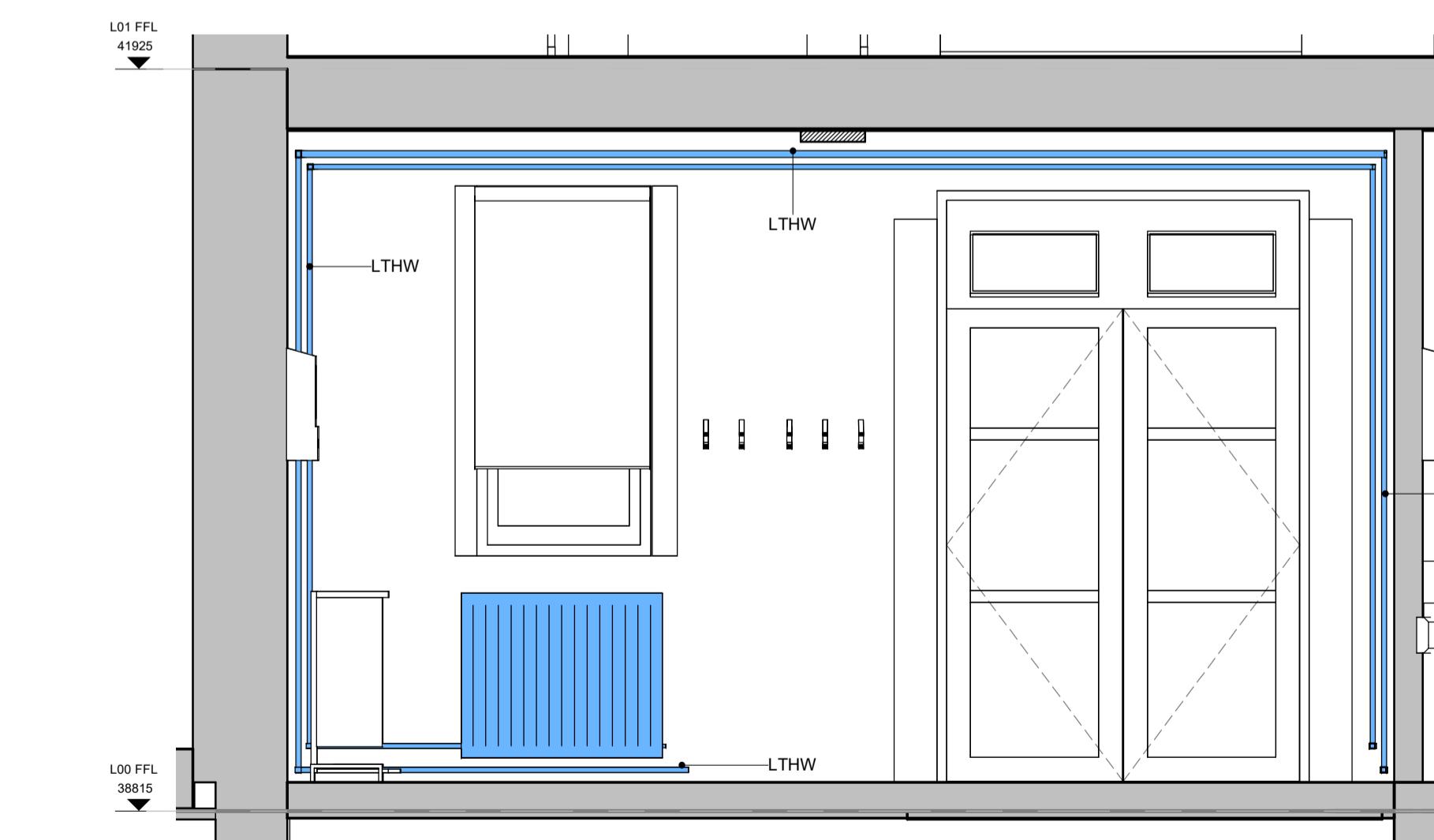
Corridor CA 0.02 - Worms Eye View



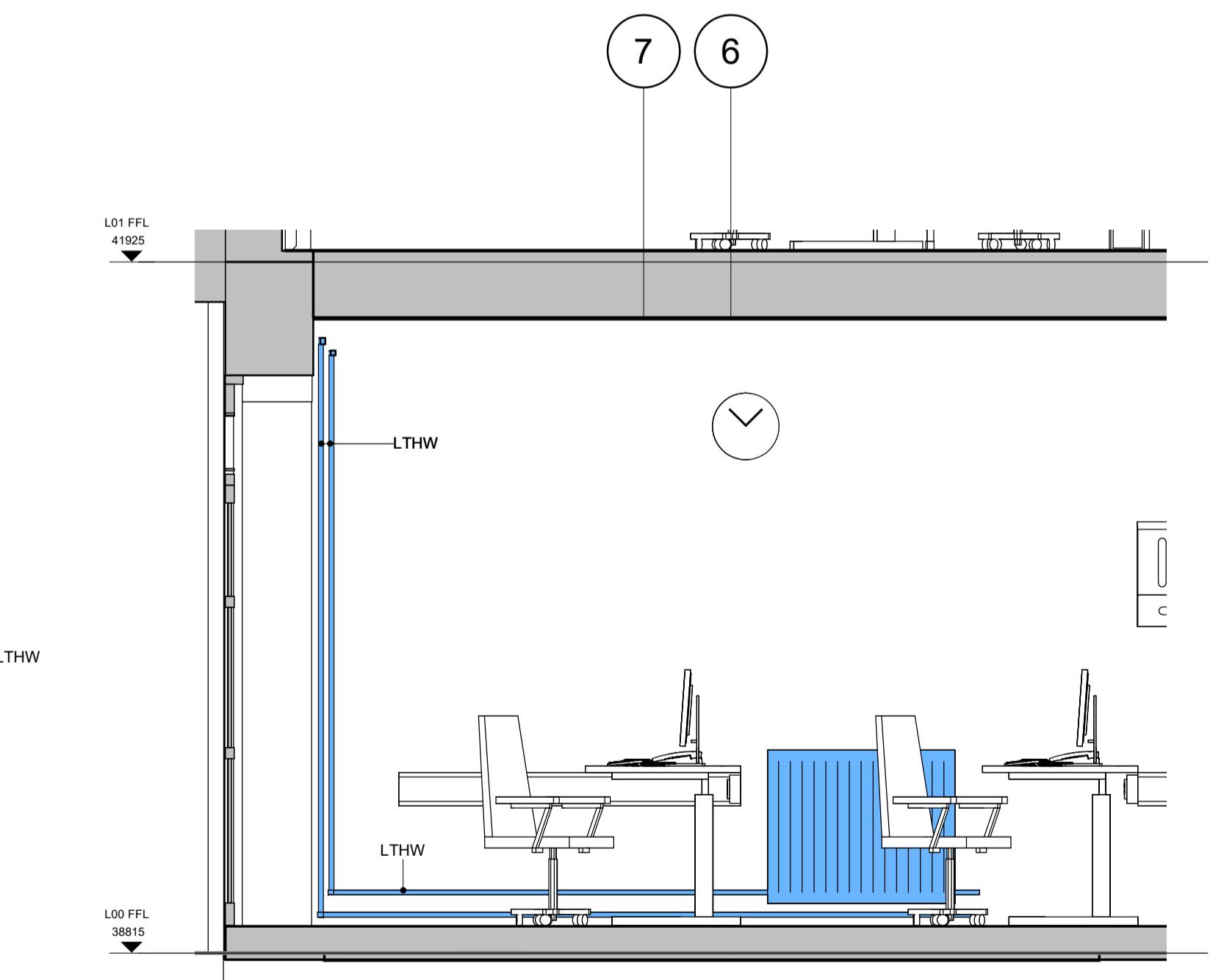
Corridor CA 0.02 - Section 03
1 : 25



Elderly Day Care - Respiratory Office 5P - 07 - Worms Eye View



Elderly Day Care - Respiratory Office 5P - 07 - Section 05
1 : 25



Elderly Day Care - Respiratory Office 5P - 07 - Section 06
1 : 25

Project Work Stage

P01	For Planning	23/04/24	HC	LD
REV	DESCRIPTION	DATE	BY	CK
	Structural Consultant			Services Consultant
	CAMPBELL REITH			CPW
	Cost Consultant			
	CURRIE & BROWN			
	Project Title			
	HILLINGDON HOSPITAL - THE FURZE			
	Client			
	THE HILLINGDON HOSPITAL NHS FOUNDATION TRUST			
	Drawing Title			

M&E DETAIL

Project Number	Project Status
LD20 192.00	
Drawing Number	Revision
THHFP1-LDW-ZZ-00-DR-A-800008	P01
Scale @ A1	Date
As indicated	23/04/24
Architect	

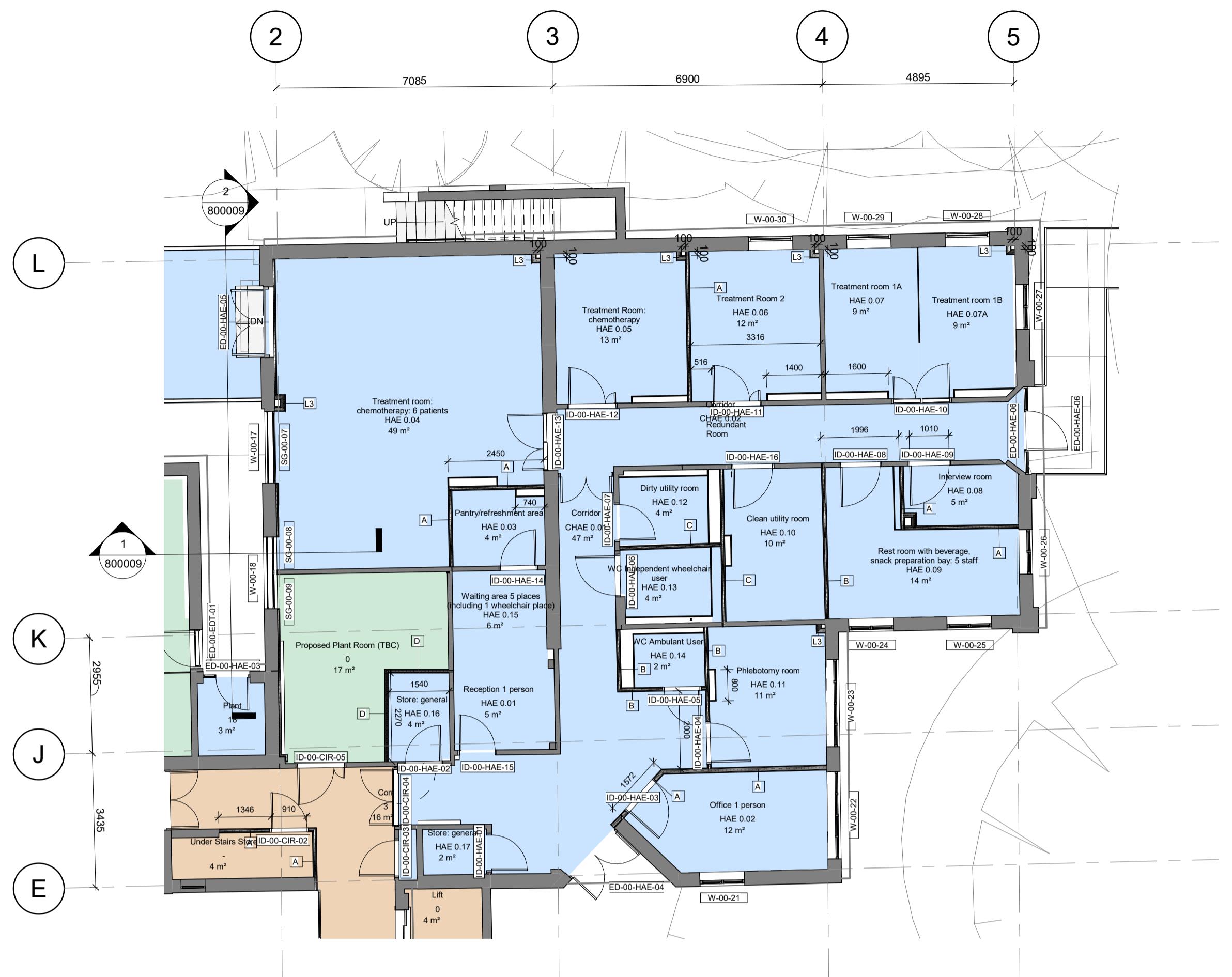
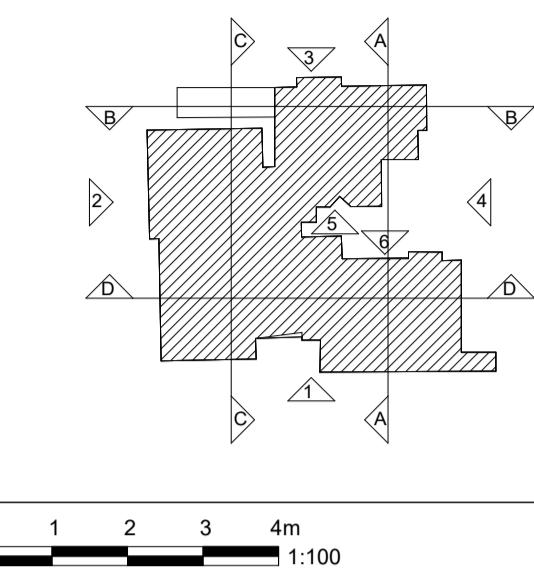
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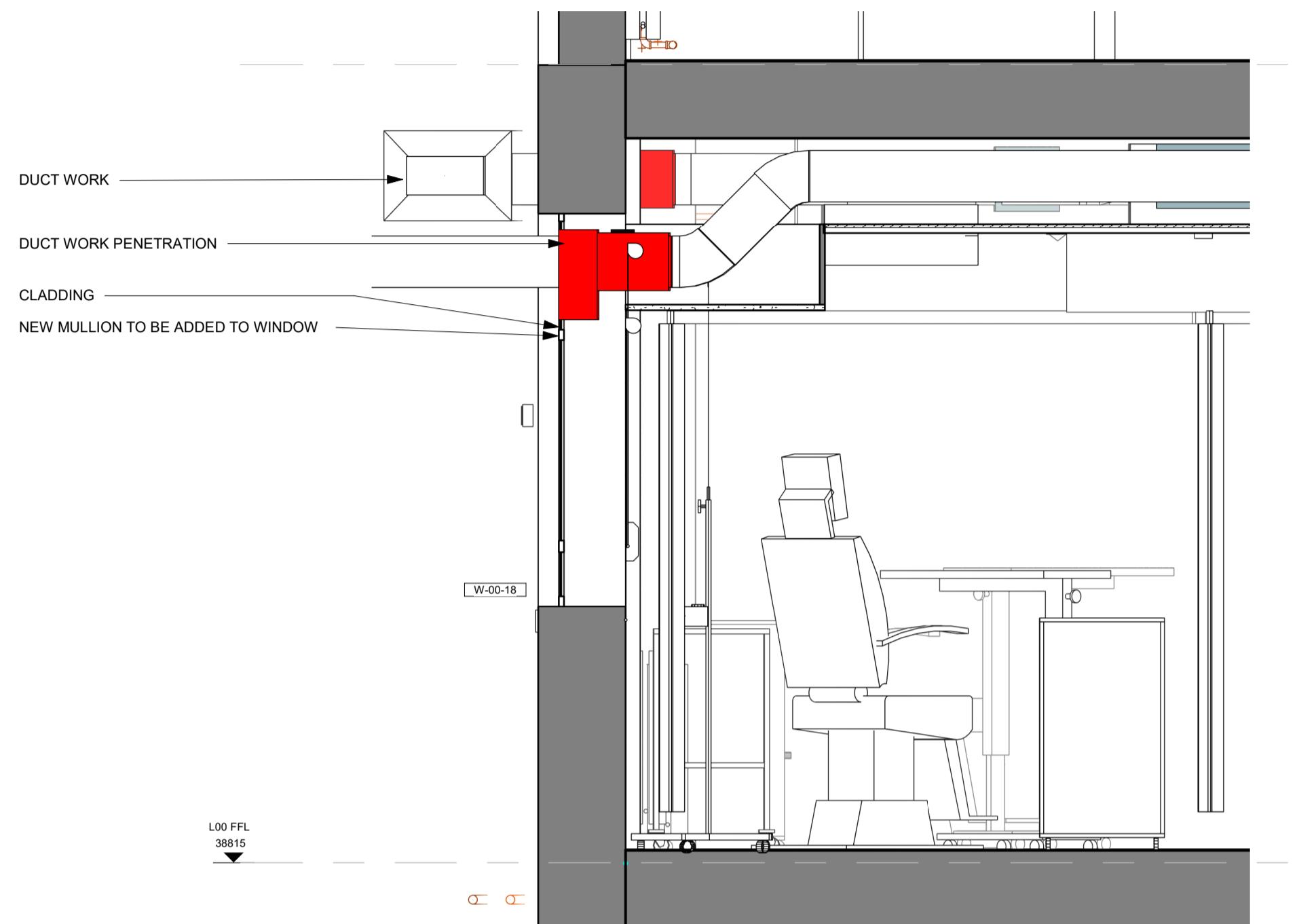
Notes

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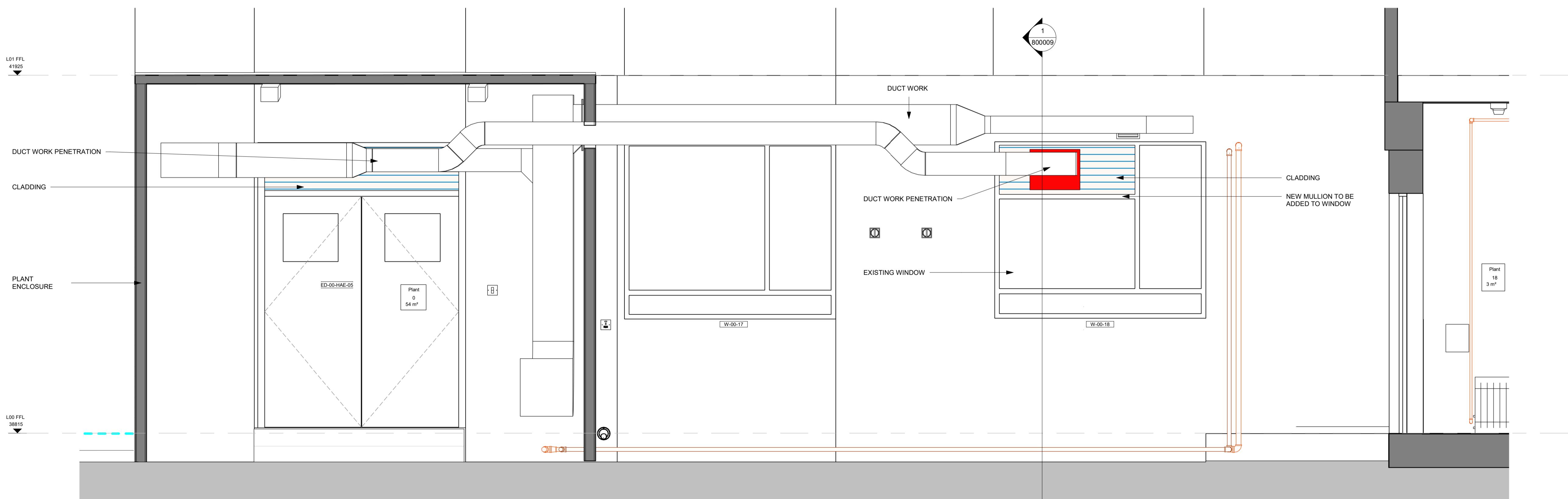
Key Plan



Proposed Ground Floor
1 : 100



01 - HAEMATOLOGY SECTION
1 : 20



02 - HAEMATOLOGY ELEVATION
1 : 20

Project Work Stage

P02 For Information		10/05/24	HC	LD
P01 For Planning		24/04/24	HC	LD
REV	DESCRIPTION	DATE	BY	CK
Structural Consultant	CAMPBELL REITH	CPW	Services Consultant	

CAMPBELL REITH

Cost Consultant

CURRIE & BROWN

Project Title

HILLINGDON HOSPITAL - THE FURZE

Client
THE HILLINGDON HOSPITAL NHS FOUNDATION TRUST

Drawing Title

M&E DETAIL HAEMATOLOGY WINDOW

Project Number

Project Status

LD20 192.00

Drawing Number

Revision

THHFP1-LDW-ZZ-00-DR-A-80009

P02

Scale @ A1

Date

As indicated

10/05/24

Architect

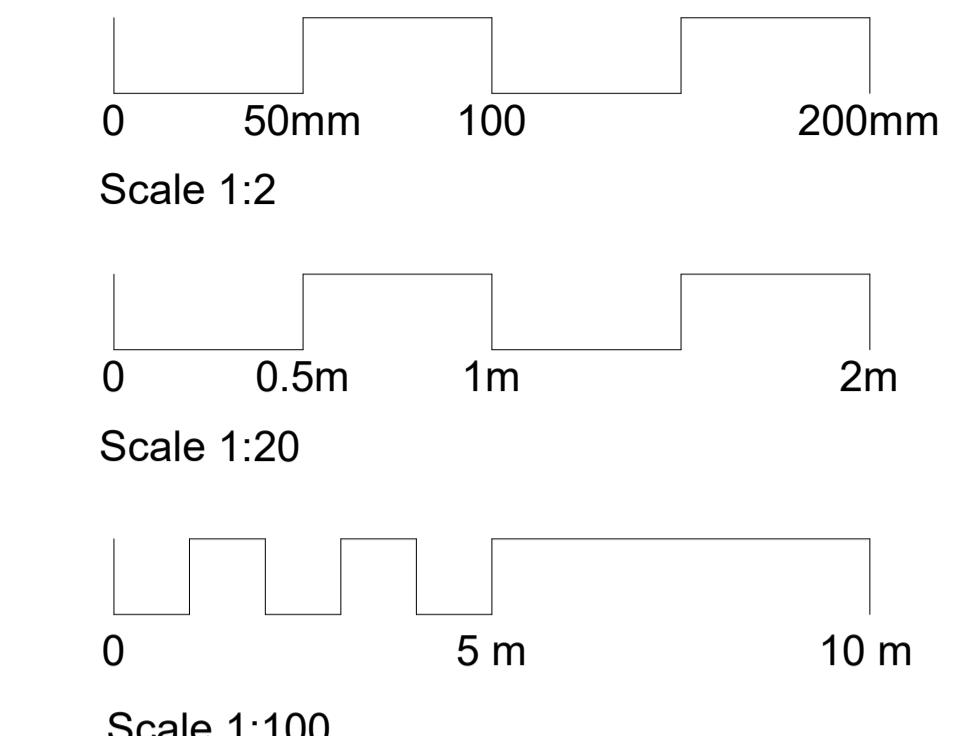
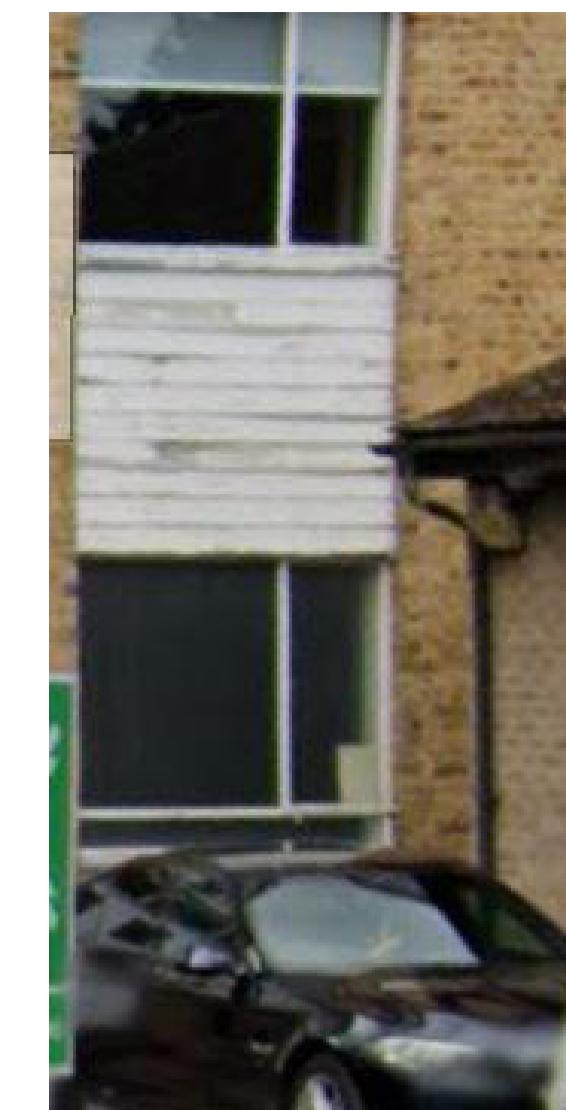
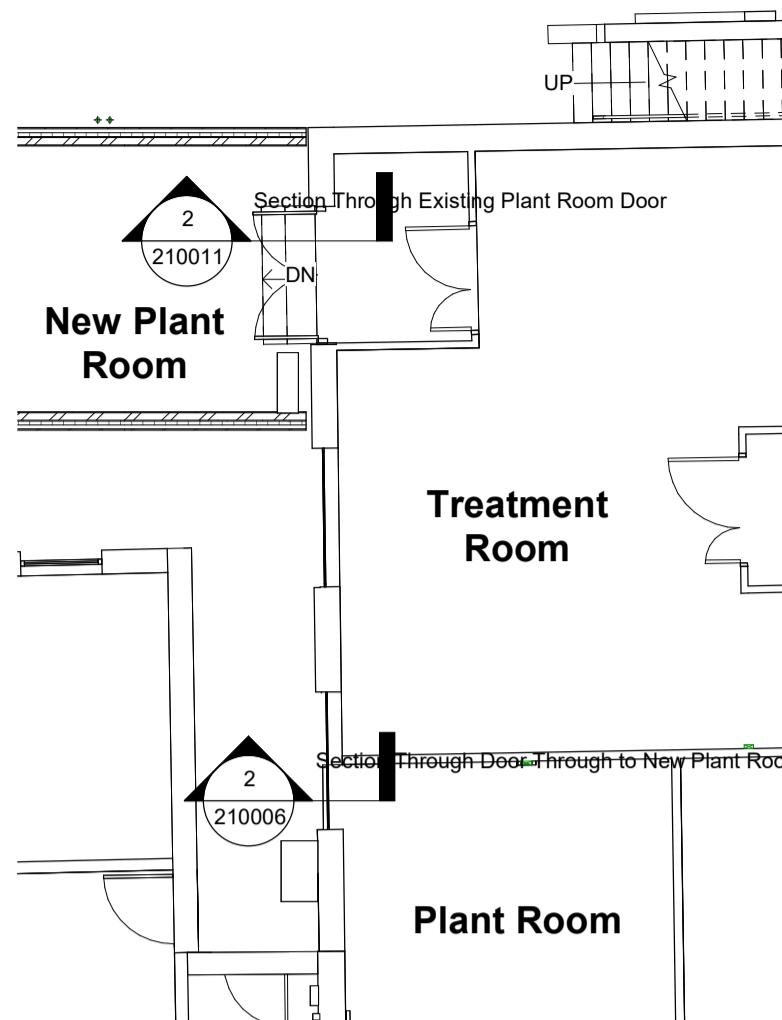
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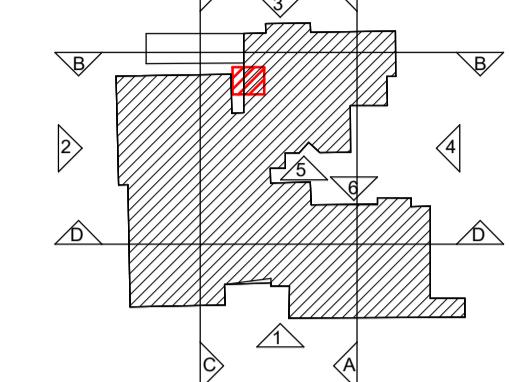


SMOKESHIELD
CE Marked 'ES' Classified Square/Rectangular & Circular Fire Damper
Locations to M&E Design

Notes

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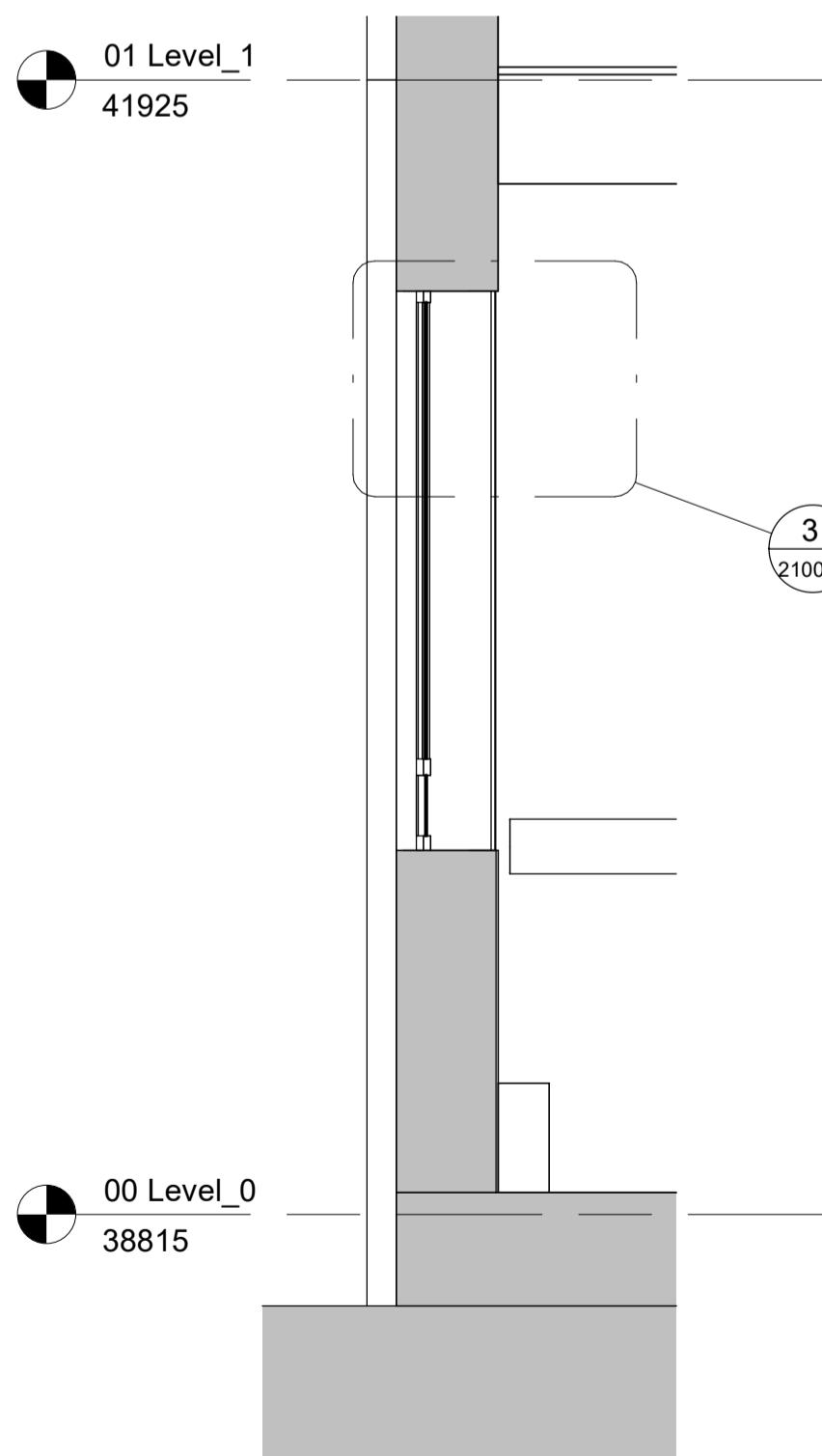
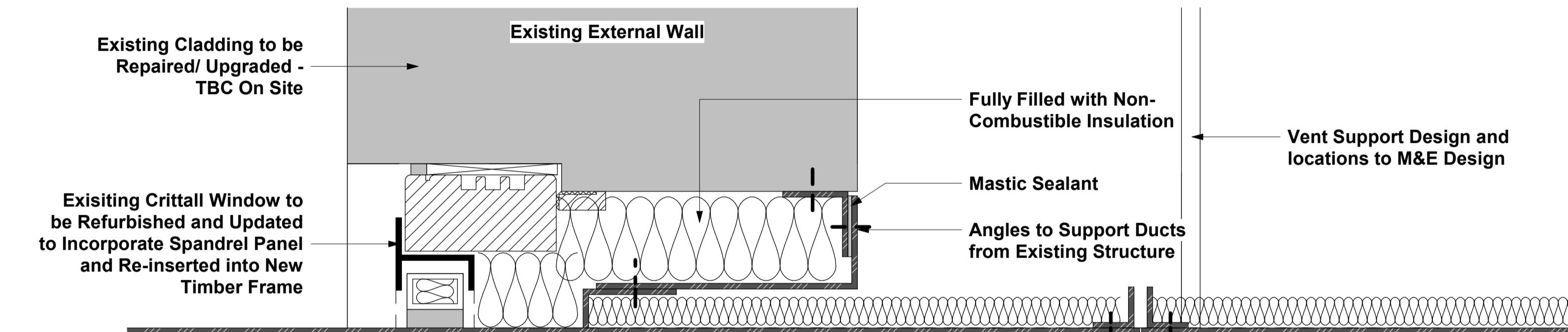
Key Plan



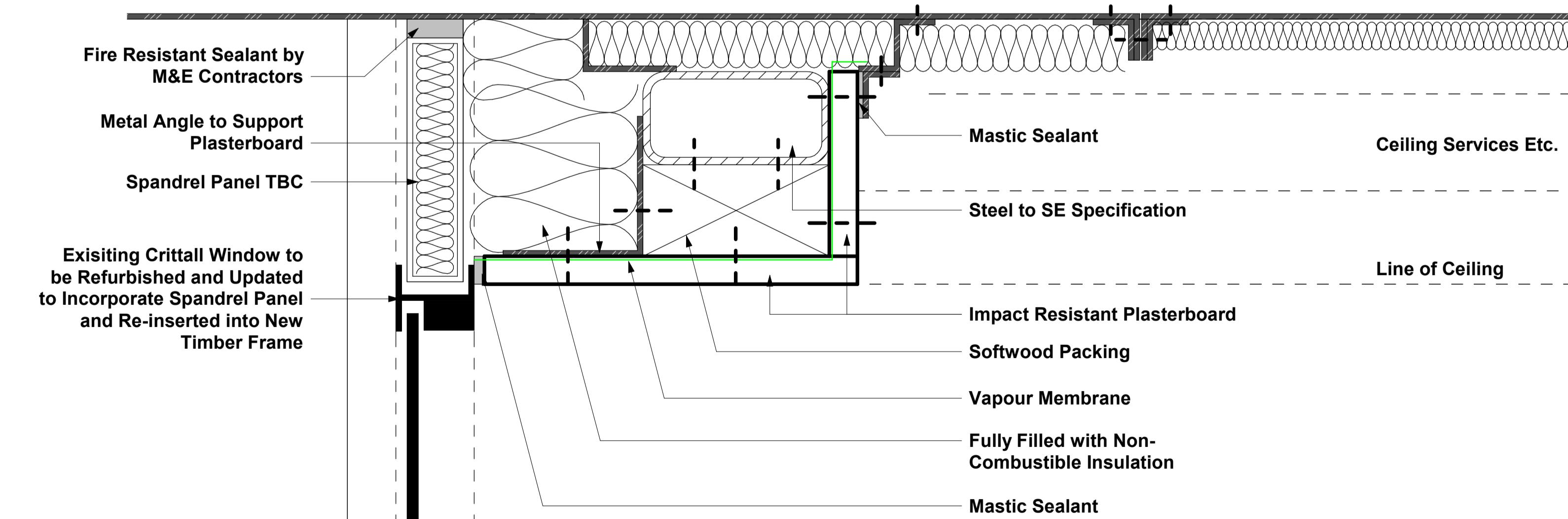
N

All Existing Wall Build-ups to be confirmed on site.

1 Level 0 Plan - New Plant/ Treatment
1 : 100



Duct Sizes to M&E Design.
Ducts to have Smoke/ Fire Dampers as Specified by M&E Contractor.



2 Section Through Door Through to New Plant Room
1 : 20

3 Vent Detail Through Top of Door into New Plant Room
1 : 2

Project Work Stage

P01	For Planning	24/04/24	HC	LD
P02	Review of Stage 4	18/05/24	HC	LD
P03	Stage 4 Issue	31/05/24	HC	CK
REV	DESCRIPTION	DATE	BY	CK

Structural Consultant **CAMPBELL REITH** **CPW**
Cost Consultant **CURRIE & BROWN**

Project Title **HILLINGDON HOSPITAL - THE FURZE**

Client **THE HILLINGDON HOSPITAL NHS FOUNDATION TRUST**
Drawing Title

VENT DETAIL ABOVE EXISTING WINDOW

Project Number **LD20 192.00**

Drawing Number **THHFP1-LDW-ZZ-ZZ-DR-A-210006**

Revision

Scale @ A1

P03

As indicated

Date

24/04/24

Architect

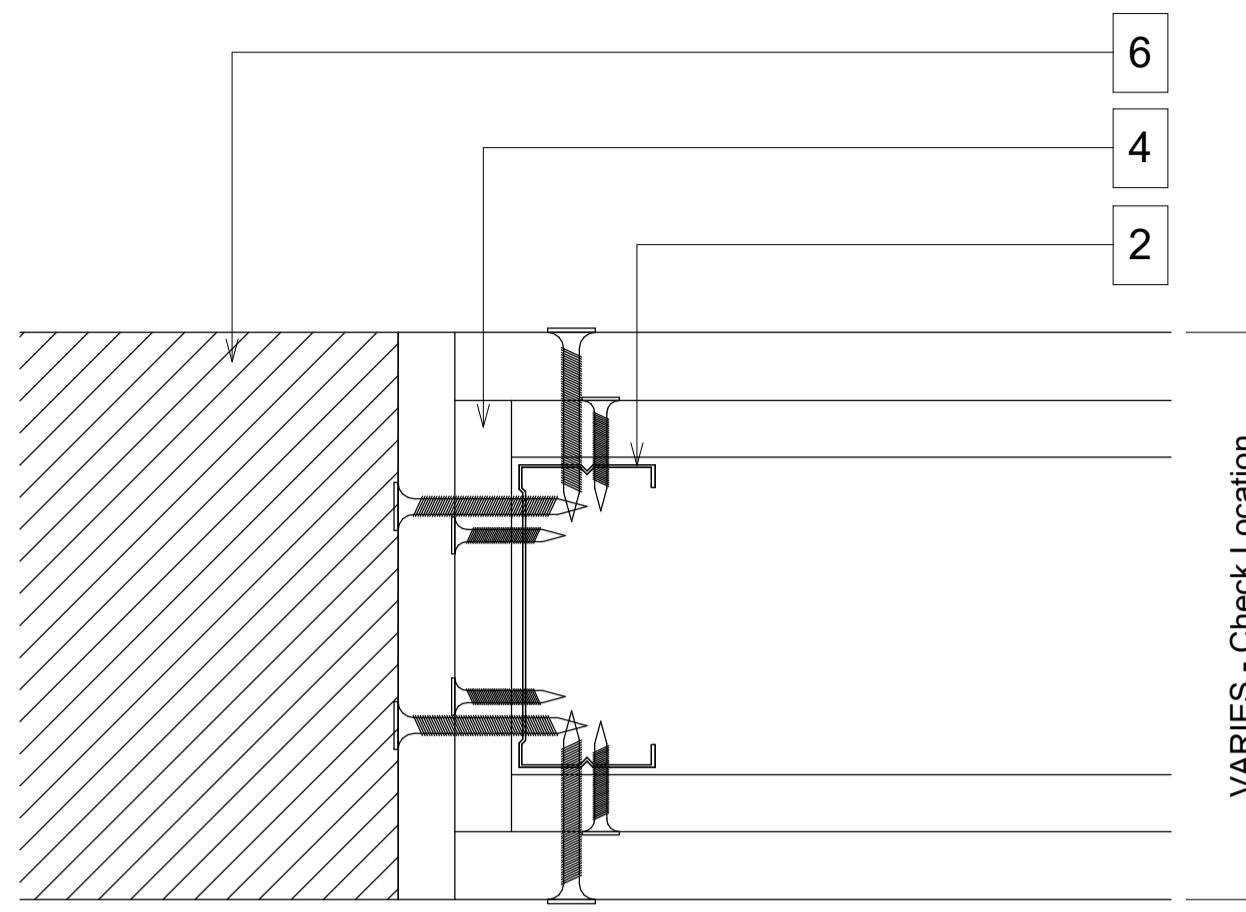
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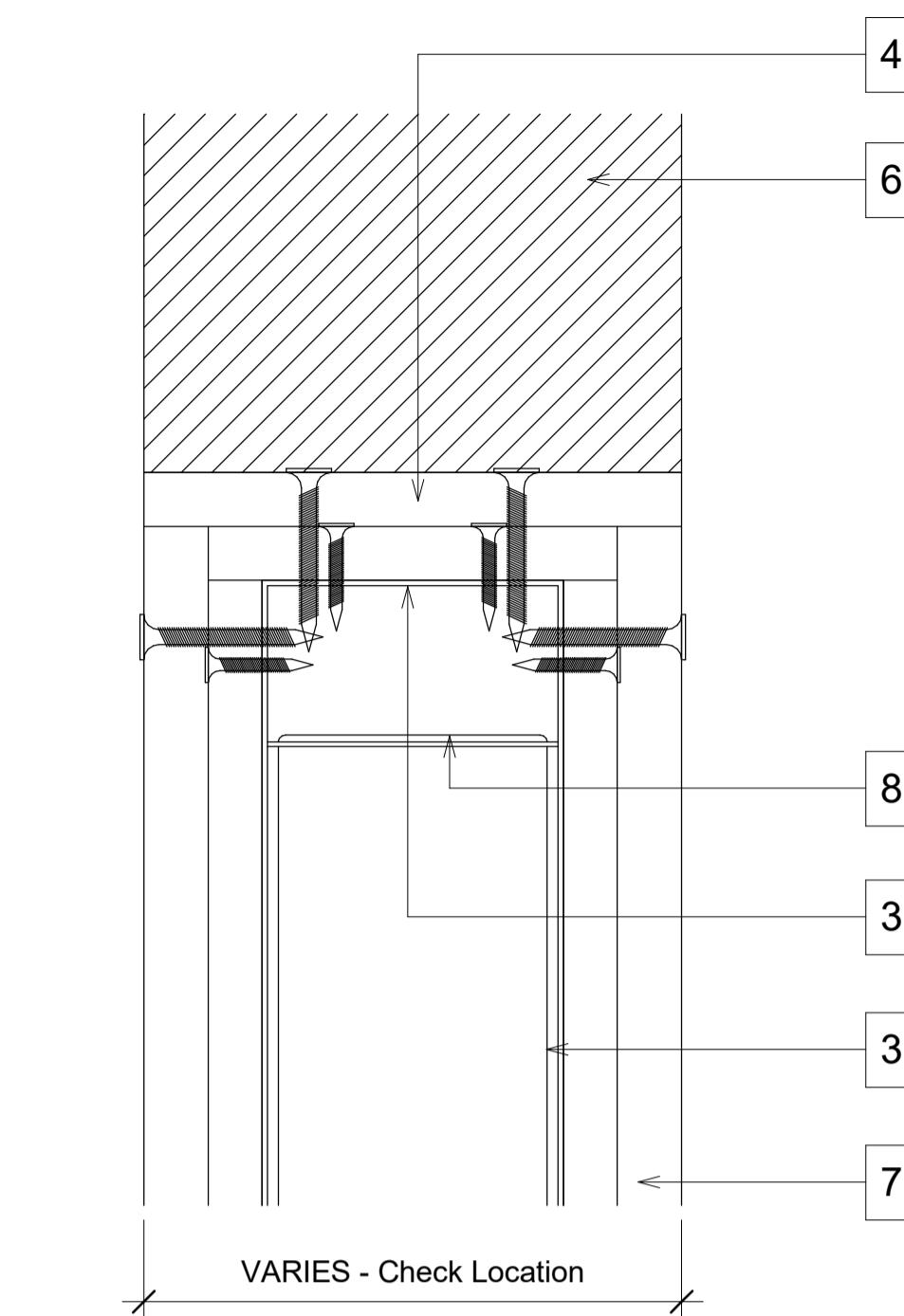
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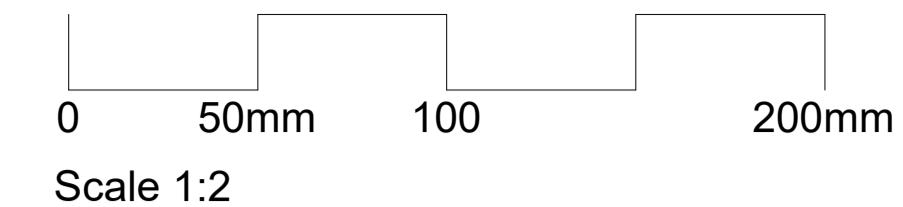
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1 Service Penetrations through New or Existing Partition W



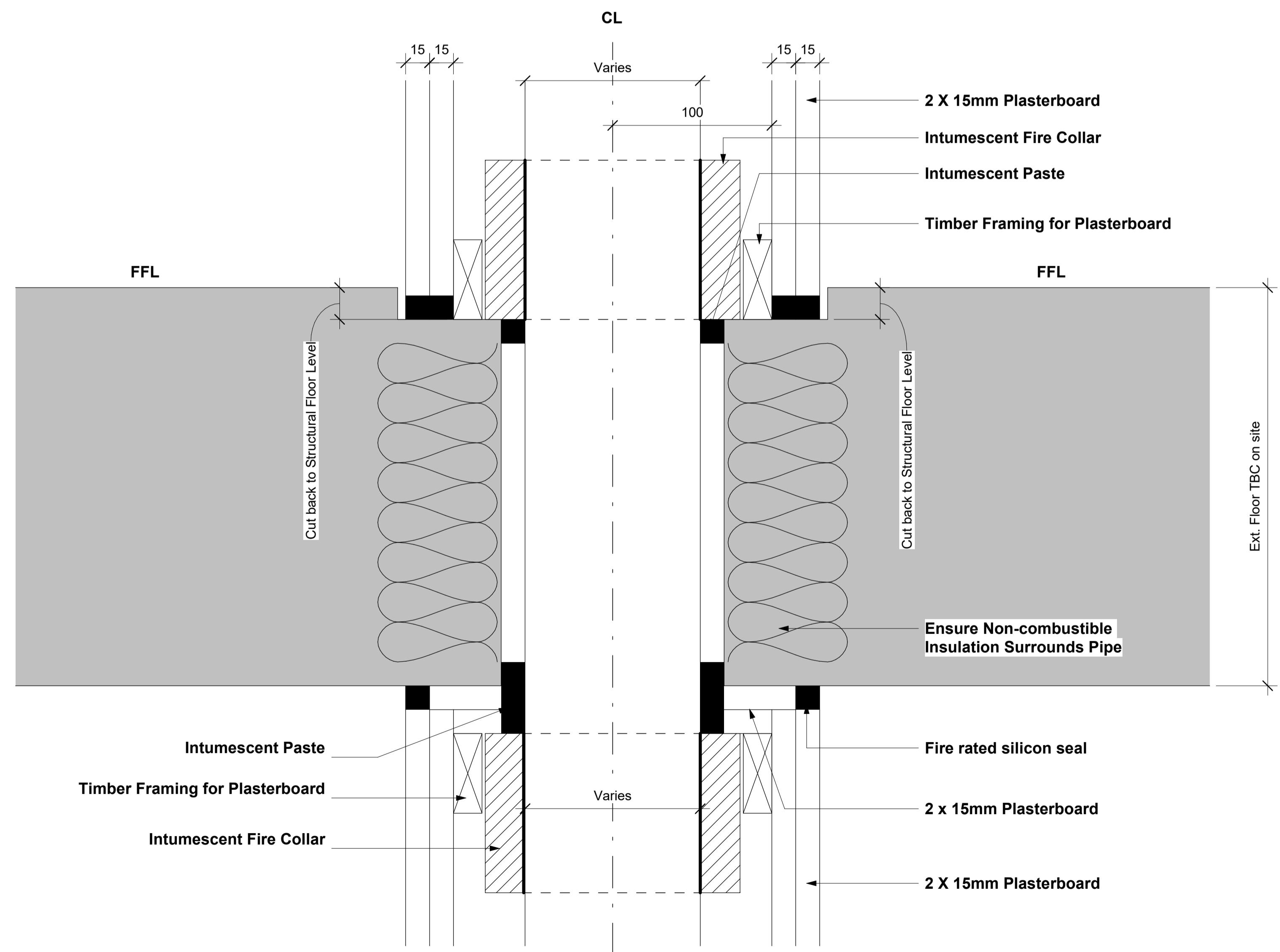
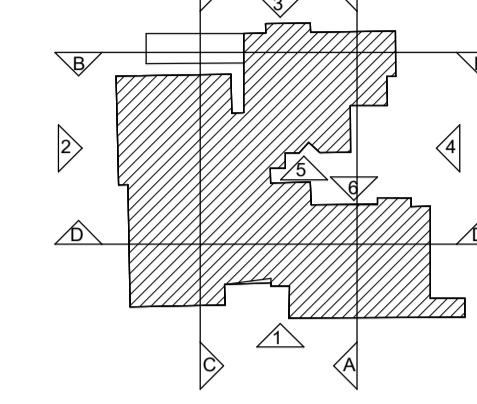
1. Gypframe studs at specified centres
2. Gypframe 'C' Stud at jamb
3. Gypframe Extra Deep Channel cut and bent to extend 150mm up/down studs and fixed through both flangers with two suitable British Gypsum wafer head screws
4. Opening lined with same board as partition (best practice) with screws at 200mm centres. Check with fire stopping manufacturer as requirement may vary.
5. Indicative services independently supported.
6. Suitable fire stopping material by others (see important information)
7. Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
8. Gypframe 'C' Stud inserted into channel and fixed through both flanges with suitable British Gypsum wafer head screws at 150mm centres
9. Gypframe studs at specified centres fixed to transom/cill channel through both flanges with suitable British Gypsum wafer head screws
10. Maximum partition above a large opening is 550mm. The minimum distance is 300mm or refer to three sided opening detail in the BG Standard Details.
11. For existing partionals additional plasterboard will need to be added to retain fire integrity (min 1 layer 15mm).
12. Fire collar required to service penetrations according to fire integrity requirements. TBC by Fire Engineer.



Notes

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scale off this drawing
ensions are shown in mm unless otherwise stated
o drawing issue sheet for purpose of issue
ubt ask
elyn Davies Weeks

Key Plan



2 Service Penetrations through Existing Floor

250028 1 : 2

P02	Reissue of Stage 4	19/03/24	HC	LD
P01	Stage 4 Issue	31/01/24	HC	LD
REV	DESCRIPTION	DATE	BY	CK
Structural Consultant		Services Consultant		
CAMPBELL REITH		CPW		
Cost Consultant				
CURRIE & BROWN				
Project Title				
HILLINGDON HOSPITAL - THE FURZE				
Client				
THE HILLINGDON HOSPITAL NHS FOUNDATION TRUST				
Drawing Title				
SERVICE PENETRATION DETAILS				
Project Number				
LD20 192.00				
Drawing Number		Revision		
THHFP1-LDW-ZZ-ZZ-DR-A-250028		P02		
Scale @ A1		Date		
1 : 2		19/03/24		

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