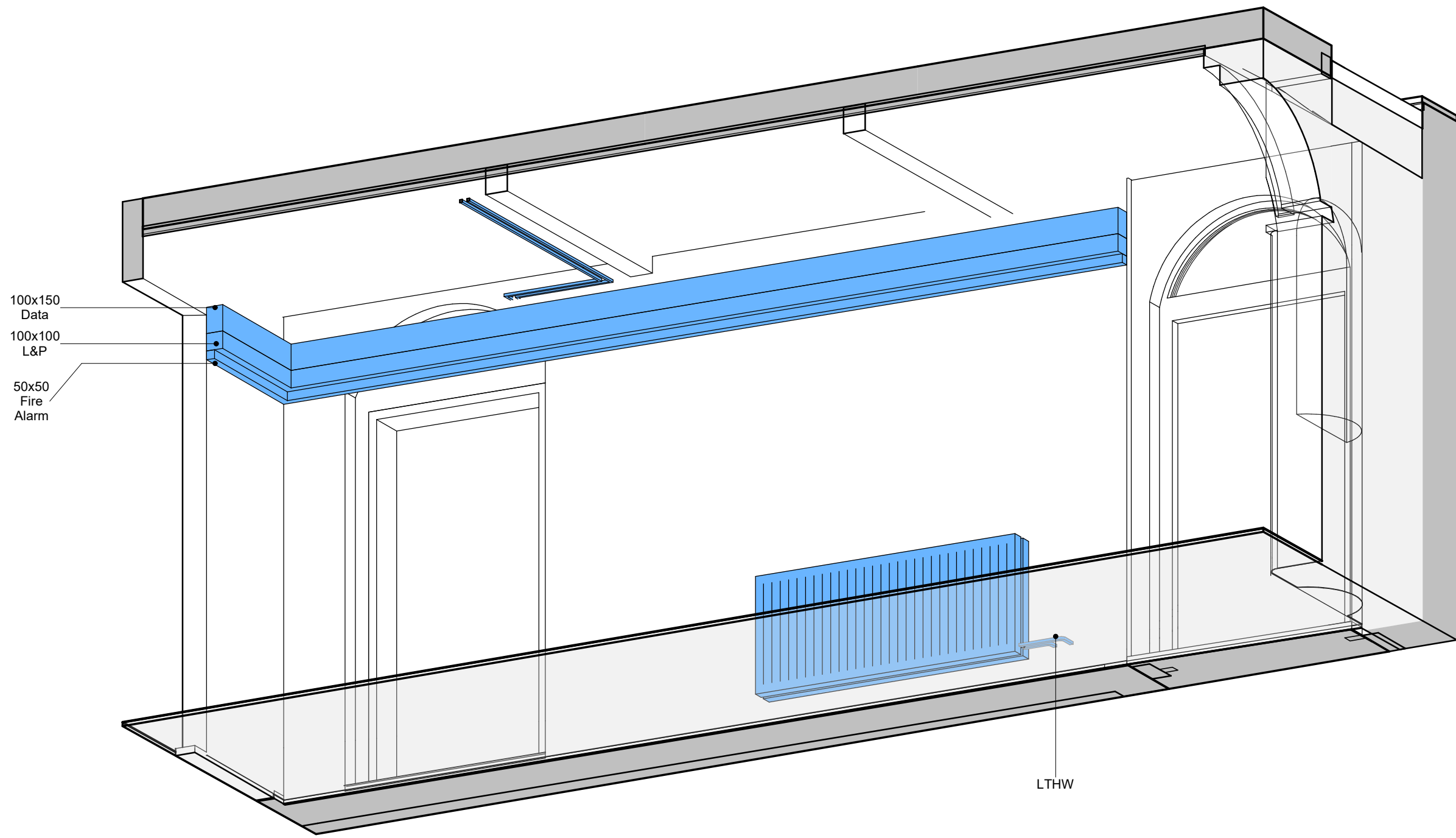
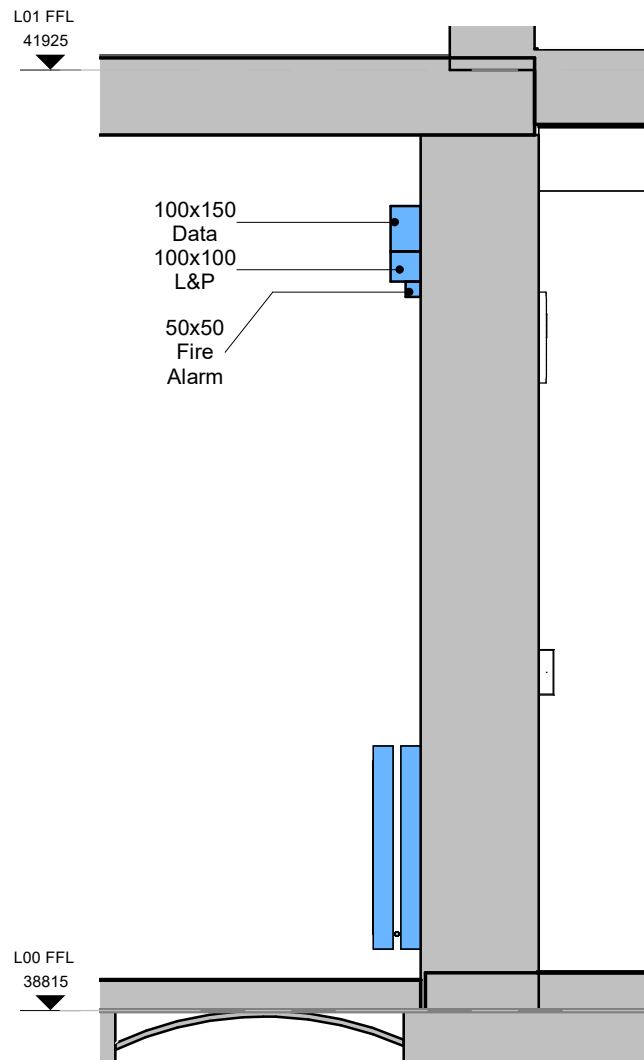


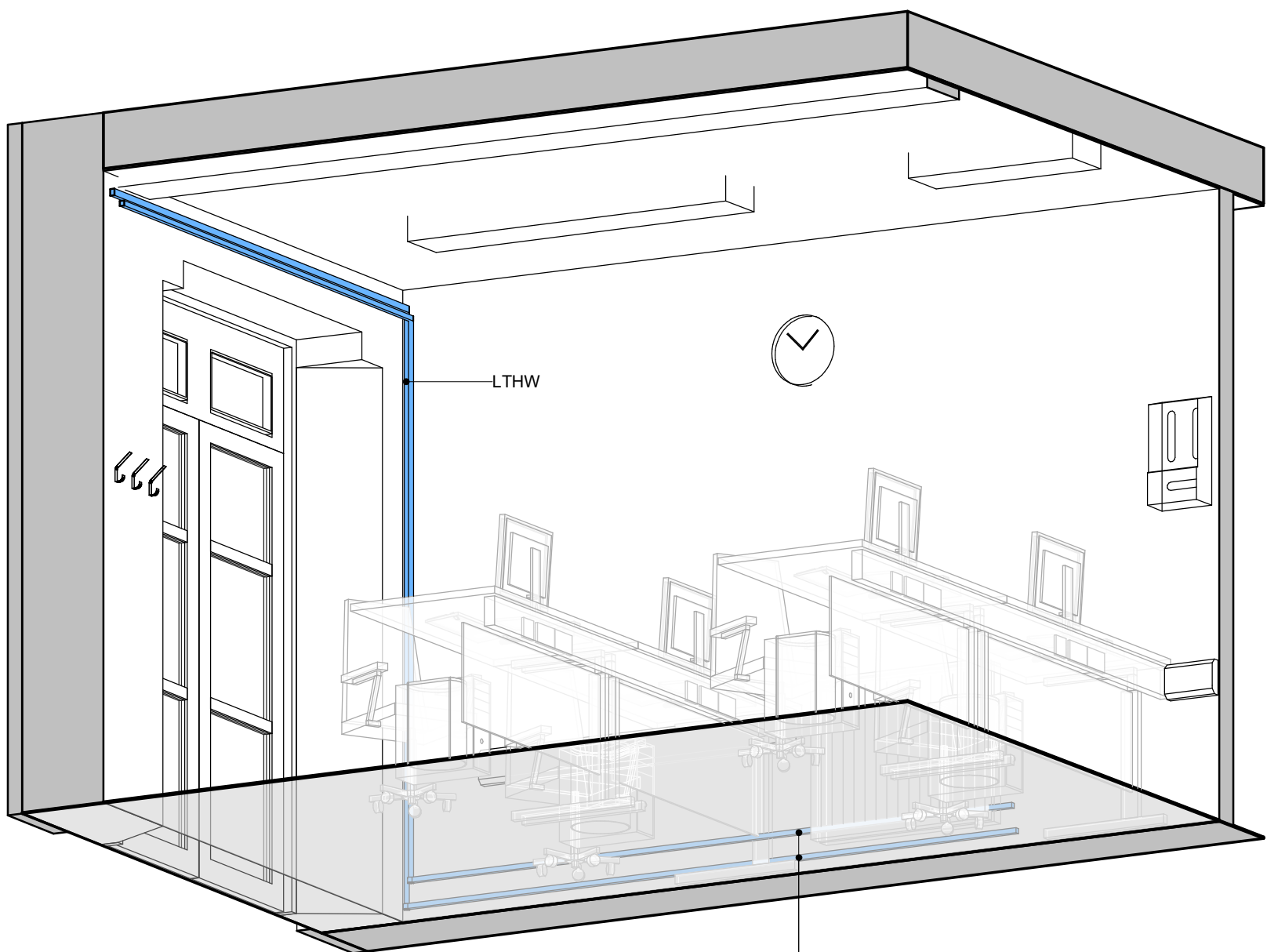
Proposed Ground Floor  
1 : 100



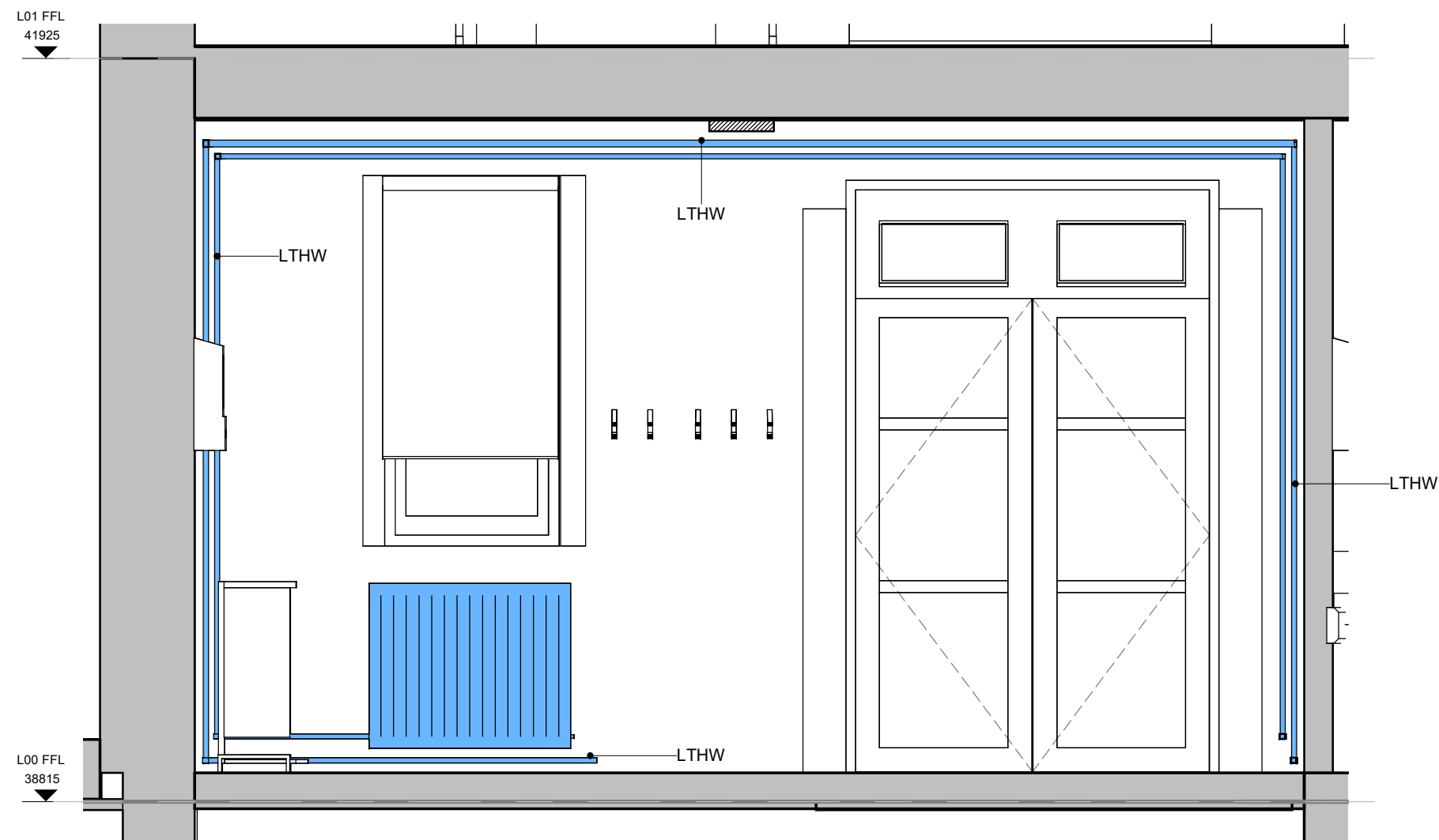
Corridor CA 0.02 - Worms Eye View



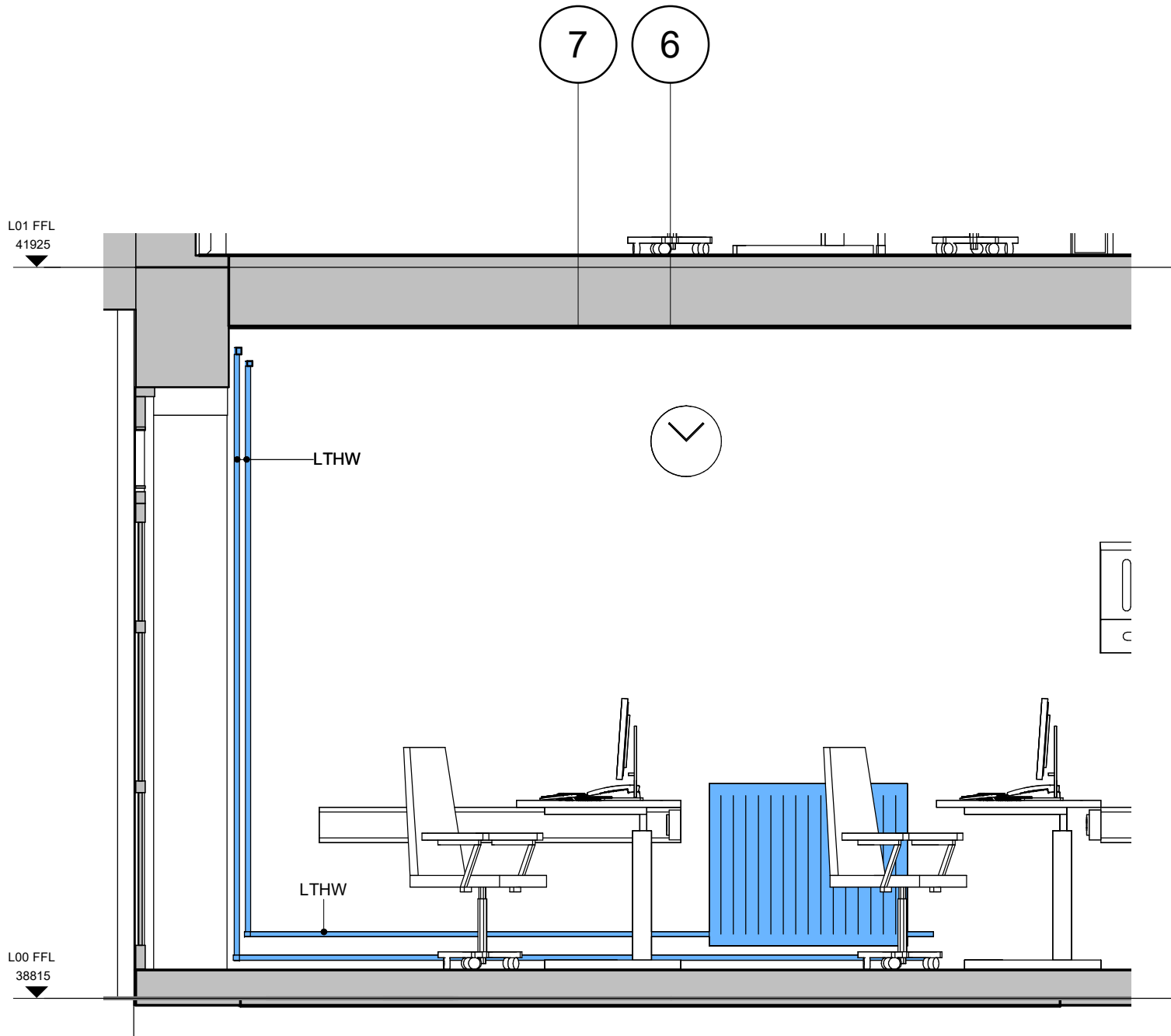
Corridor CA 0.02 - Section 03  
1 : 25



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



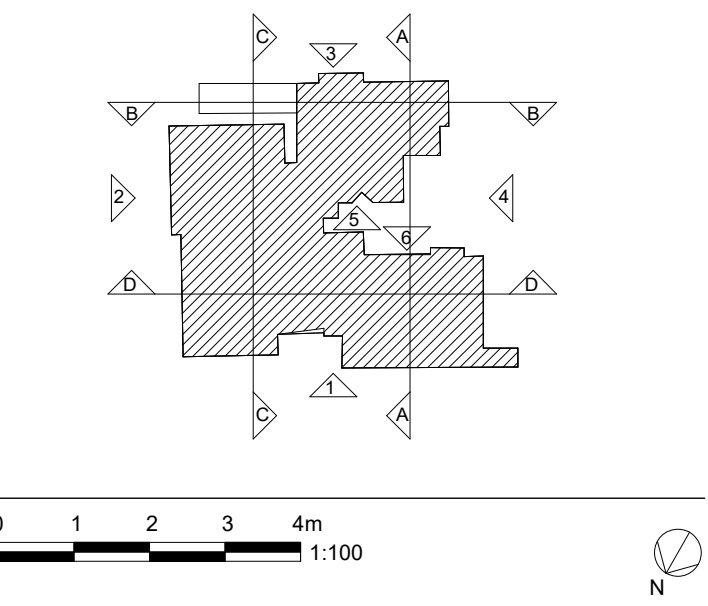
Elderly Day Care - Respiratory Office 5P - 07 - Section 05  
1 : 25



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

- Notes**
- All dimensions to be checked on site
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  - Refer to drawing issue sheet for purpose of issue
  - If in doubt ask
  - © Llewelyn Davies Weeks

**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.

**Project Work Stage**

REV	DESCRIPTION	DATE	BY	CHK
P01	For Planning	23/04/24	HC	LD

Structural Consultant: **CAMPBELL REITH**  
Services Consultant: **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: **LD20 192.00**  
Project Status: **P01**

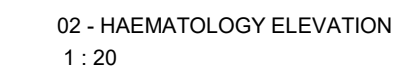
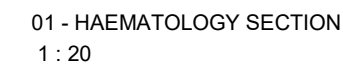
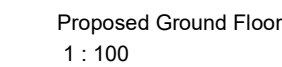
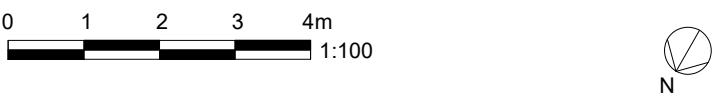
Drawing Number: **THHFP1-LDW-ZZ-00-DR-A-800008**  
Revision: **As indicated**

Scale @ A1: **23/04/24**  
Date: **As indicated**

Architect: **LLEWELYN DAVIES**

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T +44(0)20 7907 7900 | E london@ldavies.com  
www.ldavies.com

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- If in doubt ask
- © Llewelyn Davies Weeks



**CAMPBELL REITH** **CPW**

---

Cost Consultant

CURRIE &amp; 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
THHEP1-I DW-77-00-DB-A-800009	P02

Scale @ A1 \_\_\_\_\_ Date \_\_\_\_\_

As indicated 10/05/24

[[ CVA/CVNM ]]

# LEVELLY IN

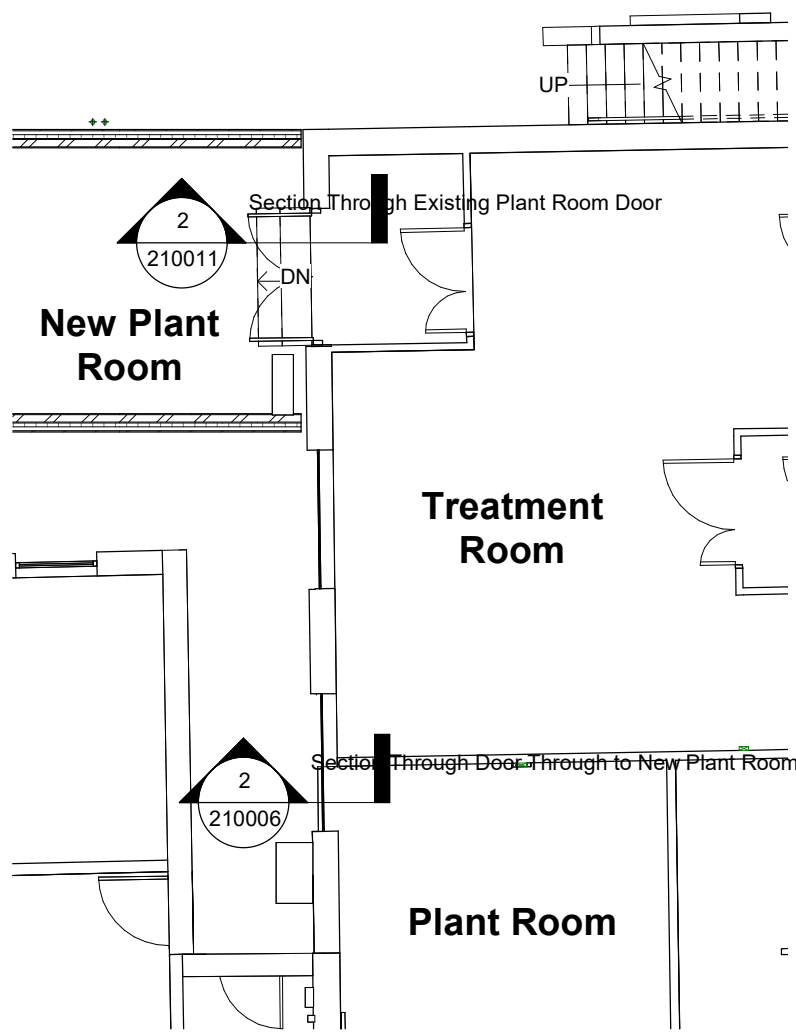
DAVIES

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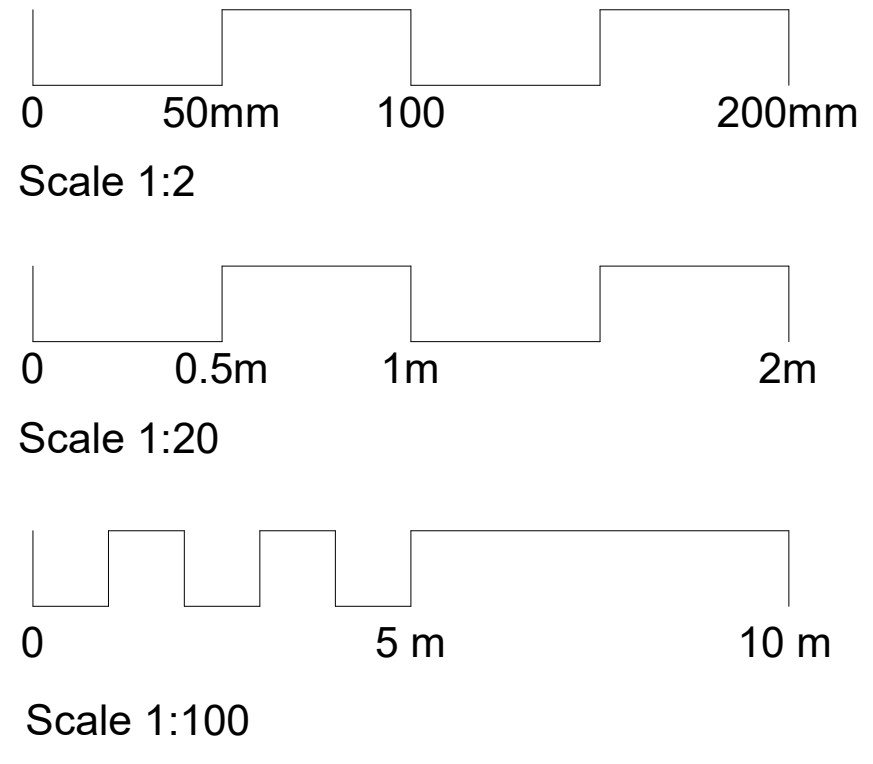




1 Level 0 Plan - New Plant/ Treatment  
1 : 100

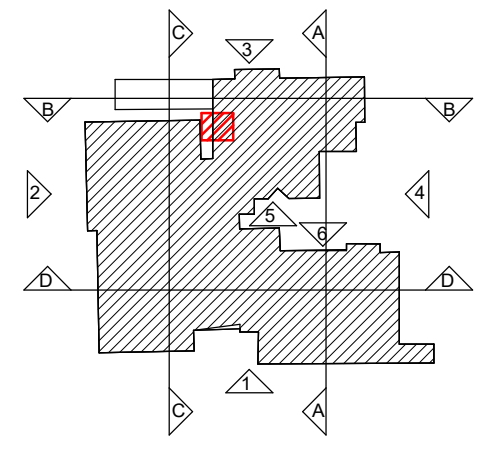


SMOKESHIELD  
CE Marked 'ES' Classified Square/Rectangular  
& Circular Fire Damper  
Locations to M&E Design

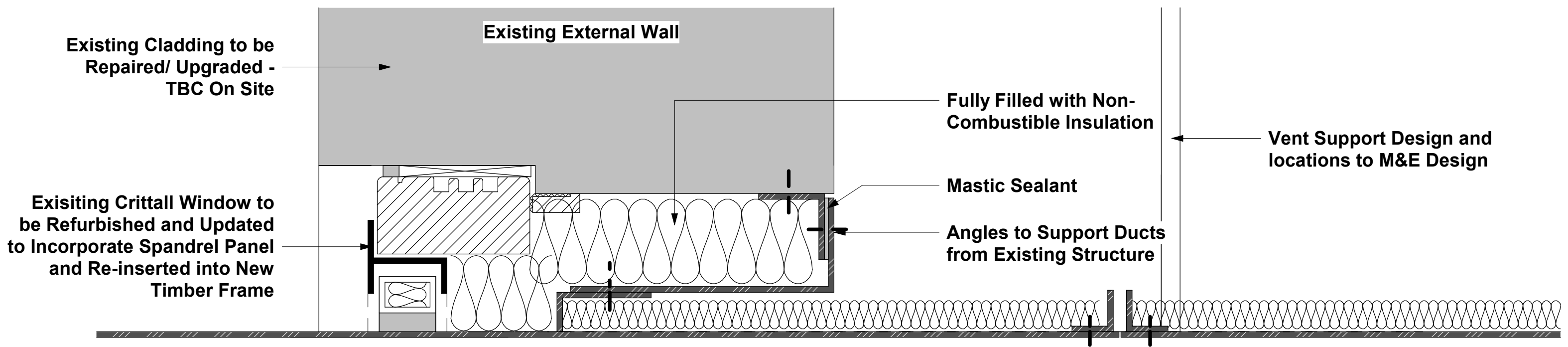


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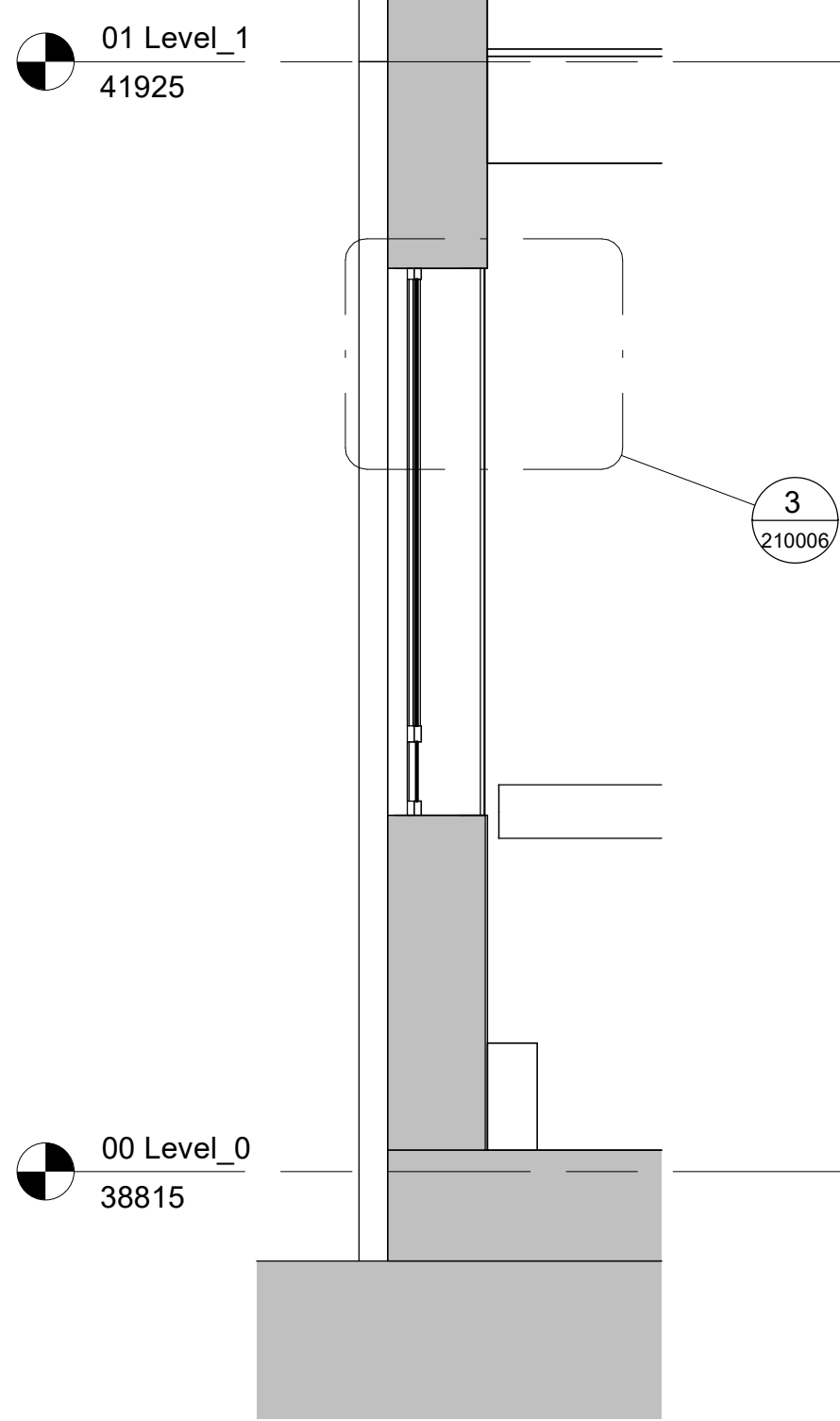
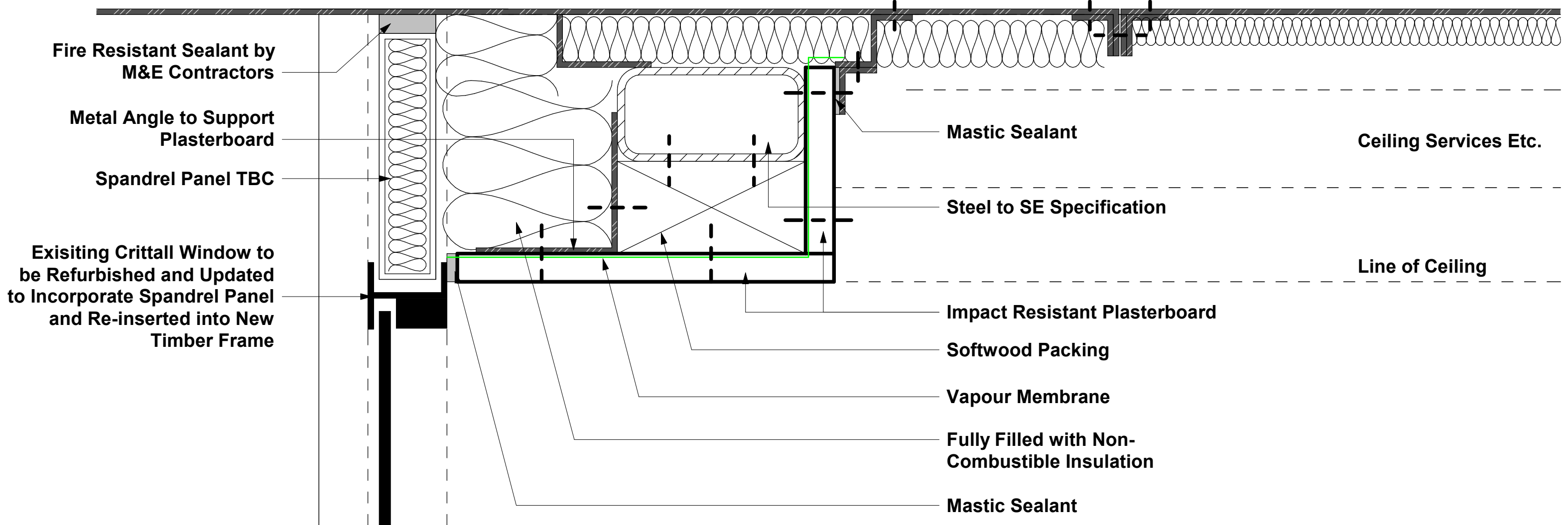
Key Plan



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



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

P03	For Planning	24/04/24	HC	LD
P02	Review of Stage 4	19/03/24	HC	LD
P01	Stage 4 Issue	31/01/24	HC	LD
REV	DESCRIPTION	DATE	BY	CK

Structural Consultant  
**CAMPBELL REITH**

Services Consultant  
**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**

Scale @ A1  
**As indicated**

Date  
**24/04/24**

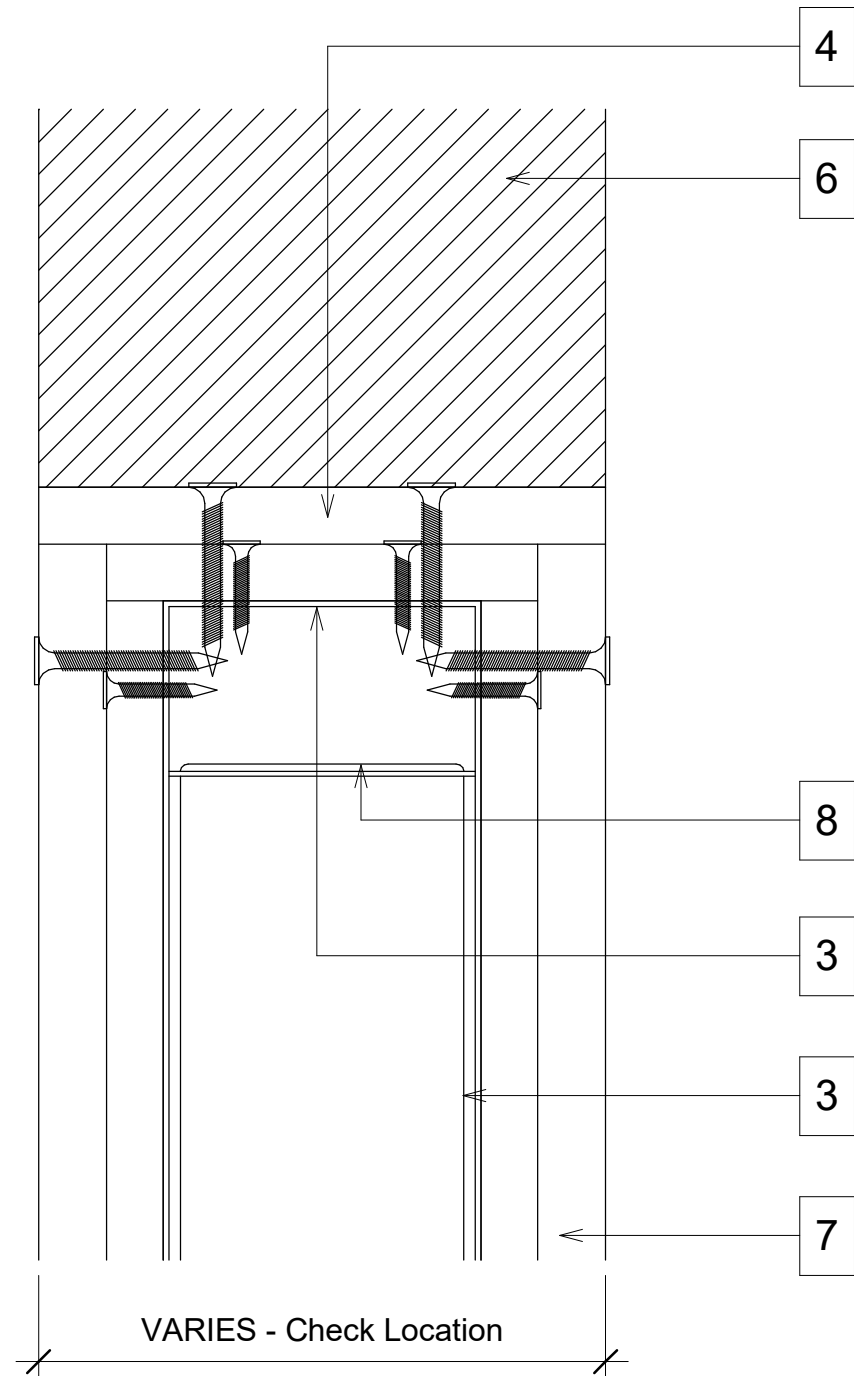
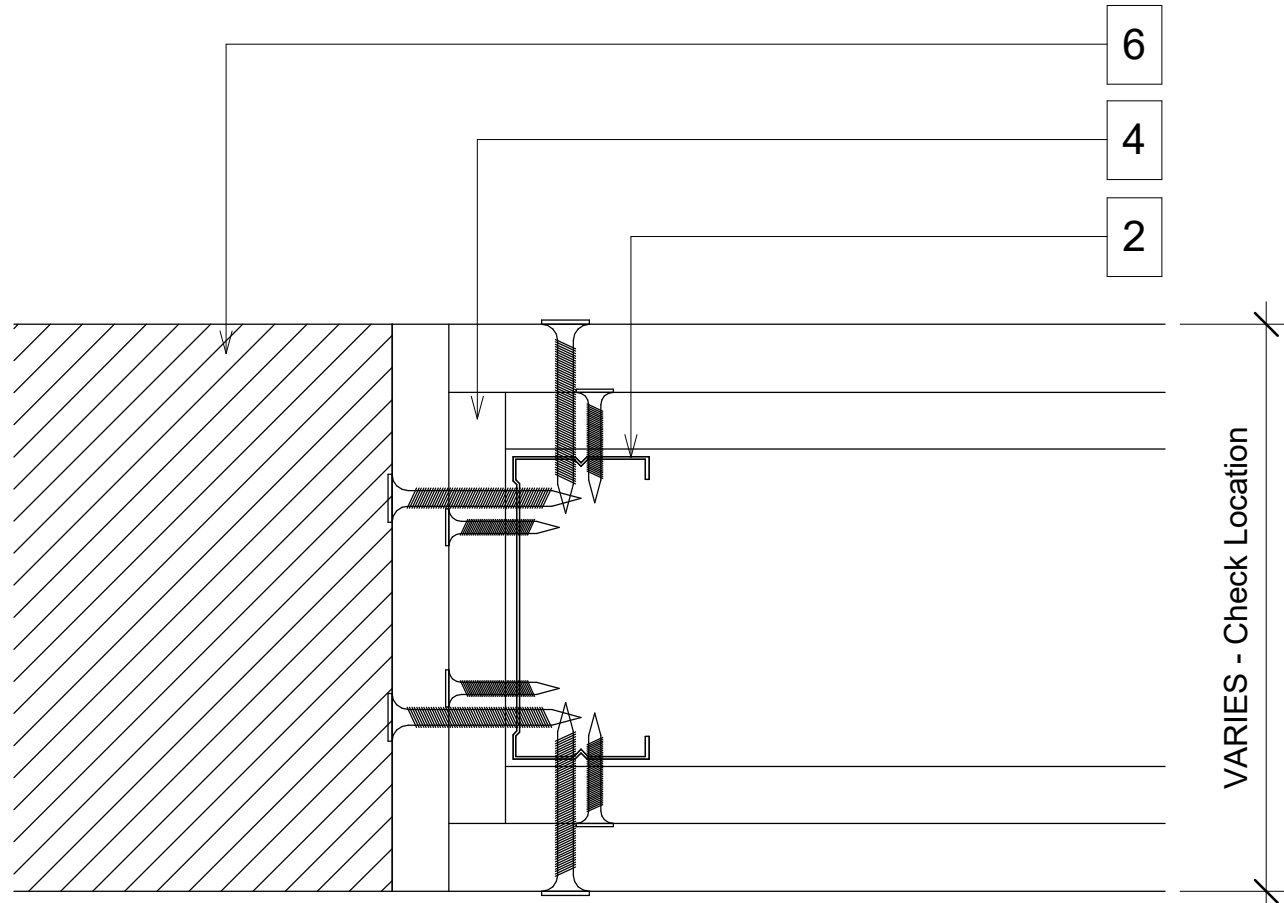
Architect  
**LLEWELYN DAVIES**

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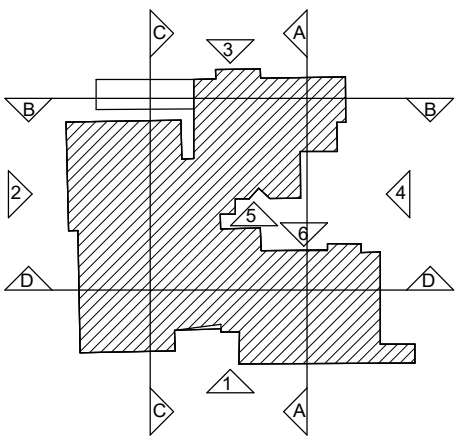
1. Gypframe studs at specified centres
2. Gypframe 'C' Stud at jamb
3. Gypframe Extra Deep Channel cut and bent to extend 150mm up/down studs and fixed through both flangers with two suitable British Gypsum wafer head screws
4. Opening lined with same board as partition (best practice) with screws at 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 partitionals 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.

0 50mm 100 200mm  
Scale 1:2

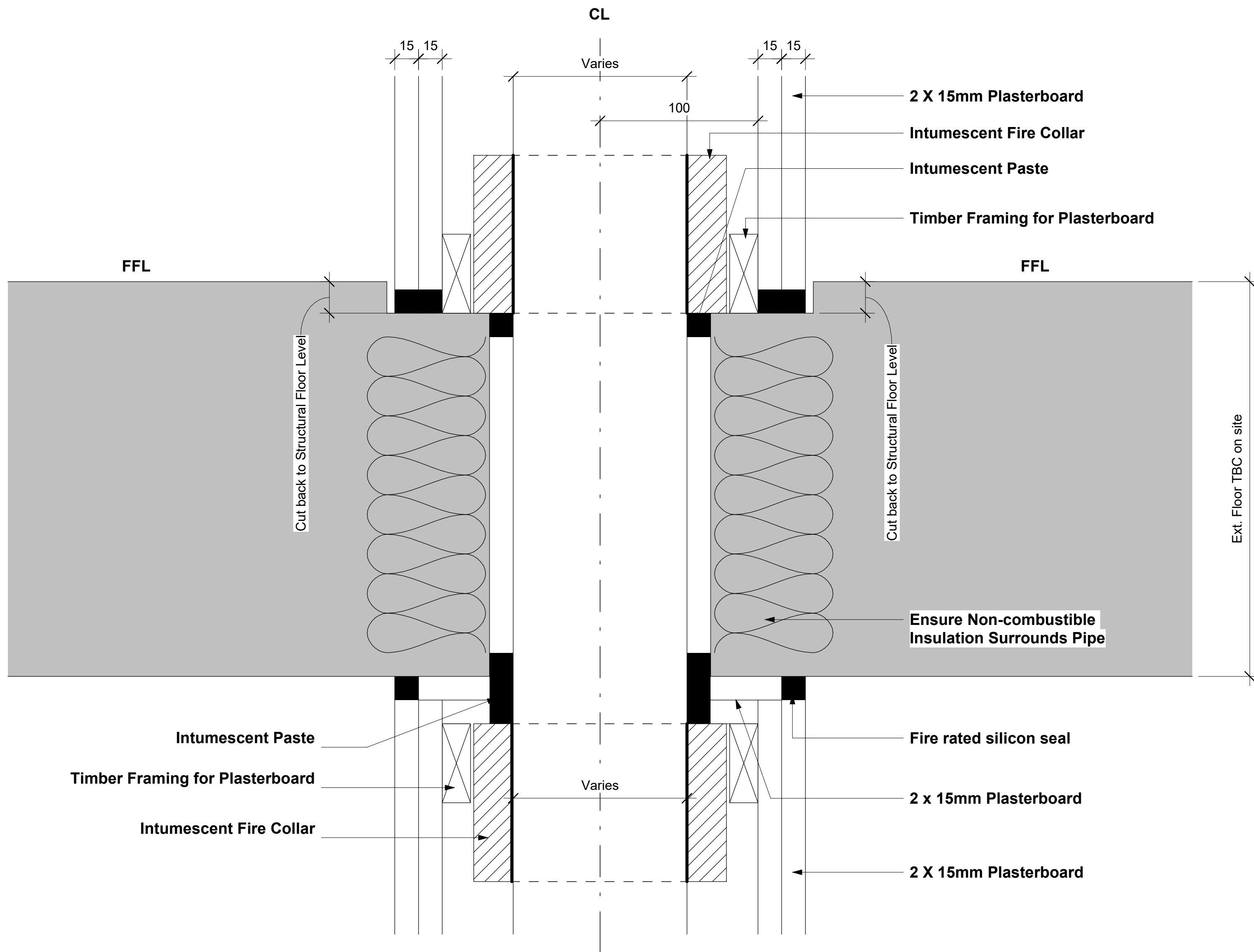
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**Key Plan**



**1** Service Penetrations through New or Existing Partition Wall  
250028 1 : 2



Service penetration sizes vary - See CPW drawings for details.

**2** Service Penetrations through Existing Floor  
250028 1 : 2

Project Work Stage

P02	Release 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**

Architect

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