

**Fire Strategy Legend**

- 30min FR Separation - NEW
- 60min FR Separation - NEW
- 30min FR Separation - EXISTING  
Existing wall to provide 30 minutes fire resistance - survey & repair as required
- 60min FR Separation - EXISTING  
Existing wall to provide 60 minutes fire resistance - survey & repair as required
- FD30 Door - NEW  
FD30 indicates smoke seals are required
- FD60 Door - NEW  
FD60 indicates smoke seals are required
- FD30 Door - EXISTING  
FD30 indicates smoke seals are required
- FD60 Door - EXISTING  
FD60 indicates smoke seals are required
- Room Occupancy  
Call quantities are based on the occupancies shown and these must not be exceeded
- 900 x 1400mm Wheelchair Refuge
- Door on hold opener
- Final exit  
Directional escape signage shown on plan. Final locations to be agreed with RBCA on site. Fire escape signage will follow the format type as per MEP specification or as N15
- Circulation - Access
- Circulation - Escape Stair
- Areas of Special Fire Hazard
- Extent of Fire Compartment - boundary to be 60mins fire resisting construction
- 30/15 ceiling loft cavity barrier  
Specification: P10432A
- 60/60 ceiling loft cavity barrier  
Specification: P10432B
- 60/60 smoke and fire curtain  
Specification: L20610A
- 60/30 smoke and fire curtain  
Specification: L20610B

**Compartment Sizes**

**MB Ground Floor Area = 1986m<sup>2</sup>**

- Compartment GA = 657m<sup>2</sup>
- Compartment GB = 748m<sup>2</sup>
- Compartment GC = 580m<sup>2</sup>

**MB First Floor Area = Below 800m<sup>2</sup>**

- No further compartmentation required

**MB Second Floor Area = 1426m<sup>2</sup>**

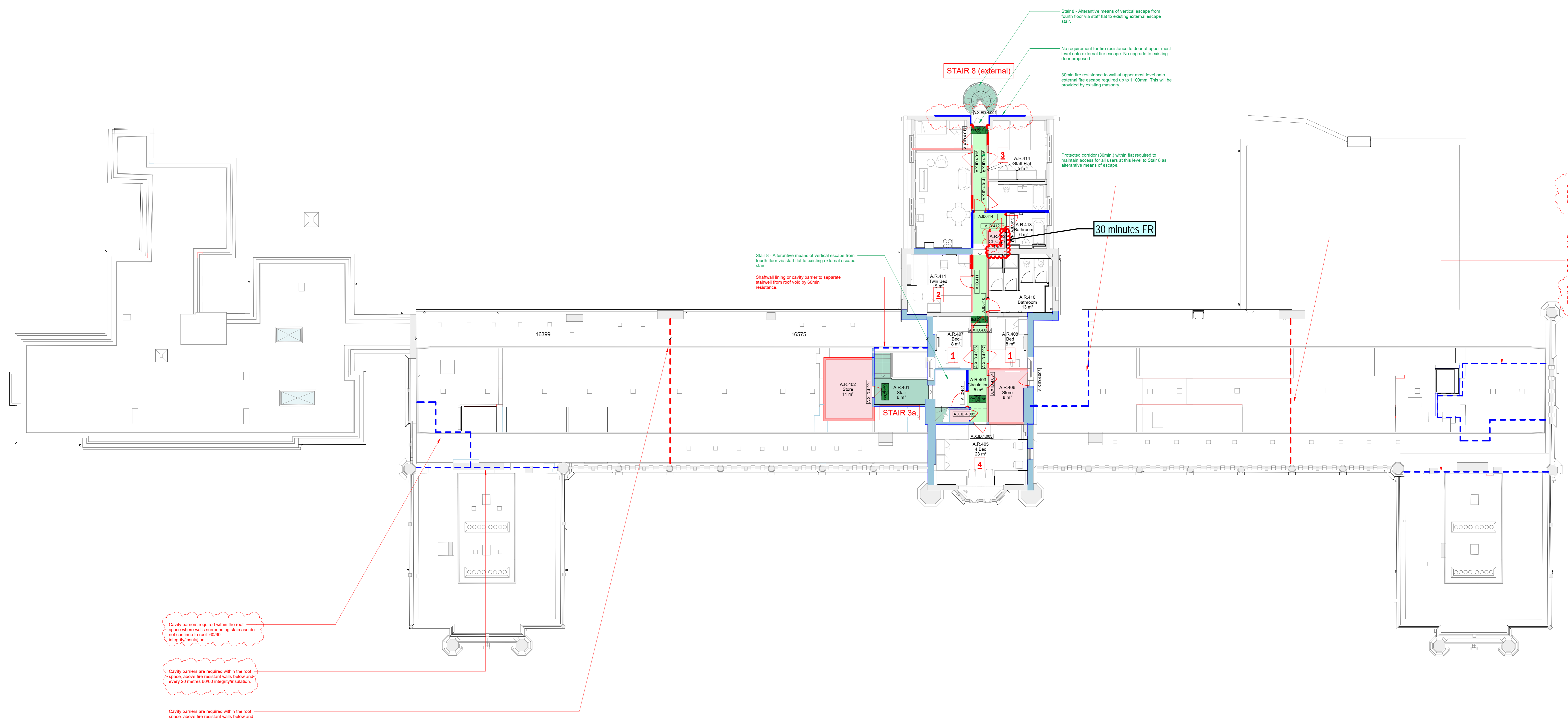
- Compartment ZA = 699m<sup>2</sup>
- Compartment ZB = 737m<sup>2</sup>

**MB Third Floor Area = 818m<sup>2</sup>**

- Compartment ZA = 610m<sup>2</sup>
- Compartment ZB = 358m<sup>2</sup>

**MB Fourth Floor Area = Below 600m<sup>2</sup>**

- No further compartmentation required



Cavity barriers required within the roof space above fire resistant walls below and every 20 metres 60/60 integrity/insulation.

Cavity barriers are required within the roof space above fire resistant walls below and every 20 metres 30/15 integrity/insulation.

REV	DESCRIPTION	DATE
P03	Revised as Client Comments	01/03/24
P02	IG - Revised as Client	28/02/24
P01	Stage 4 - Tender Issue	22/02/24



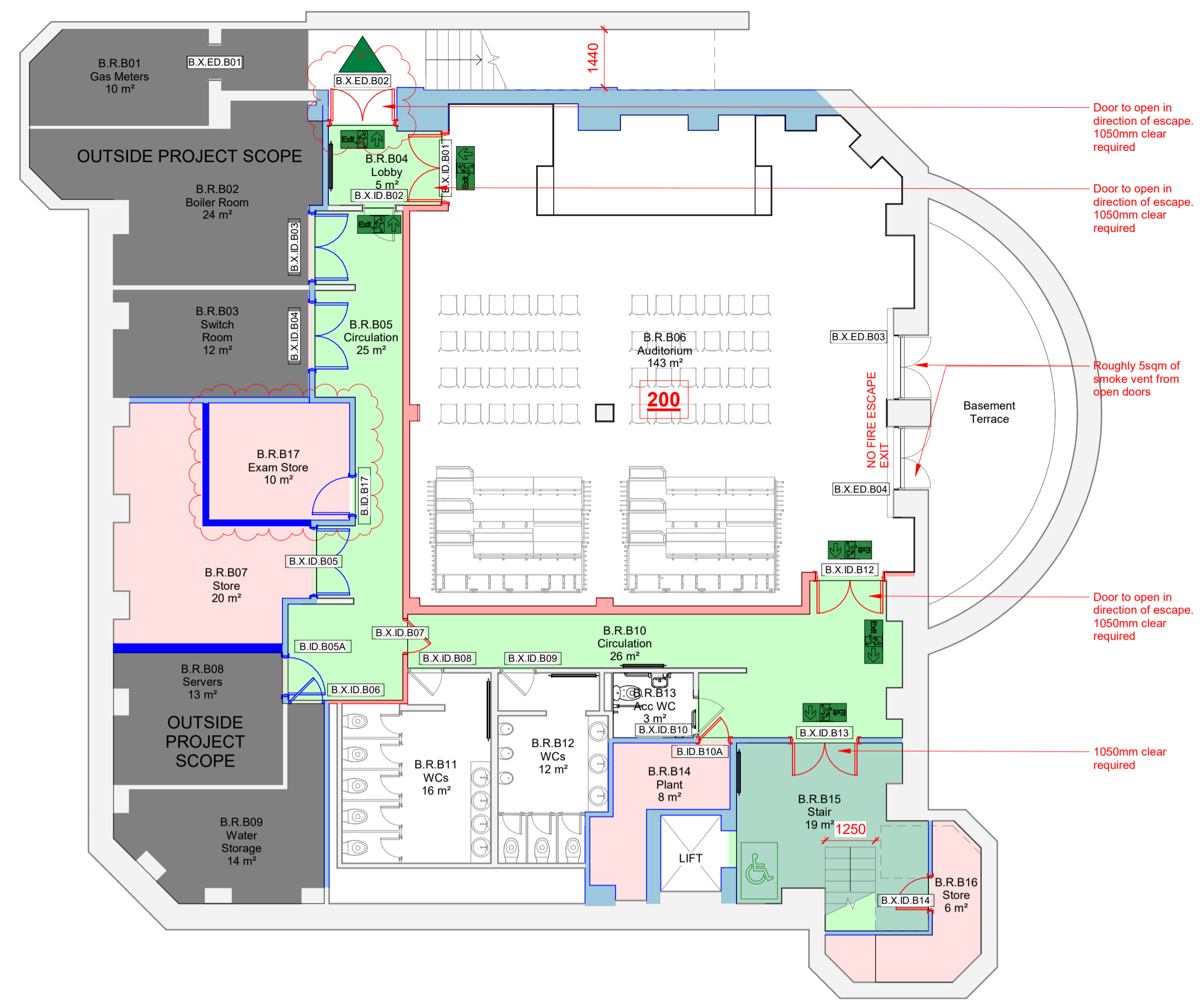
**CLIENT**  
Thomas's London Day Schools

**PROJECT**  
Thomas's College - Main Building

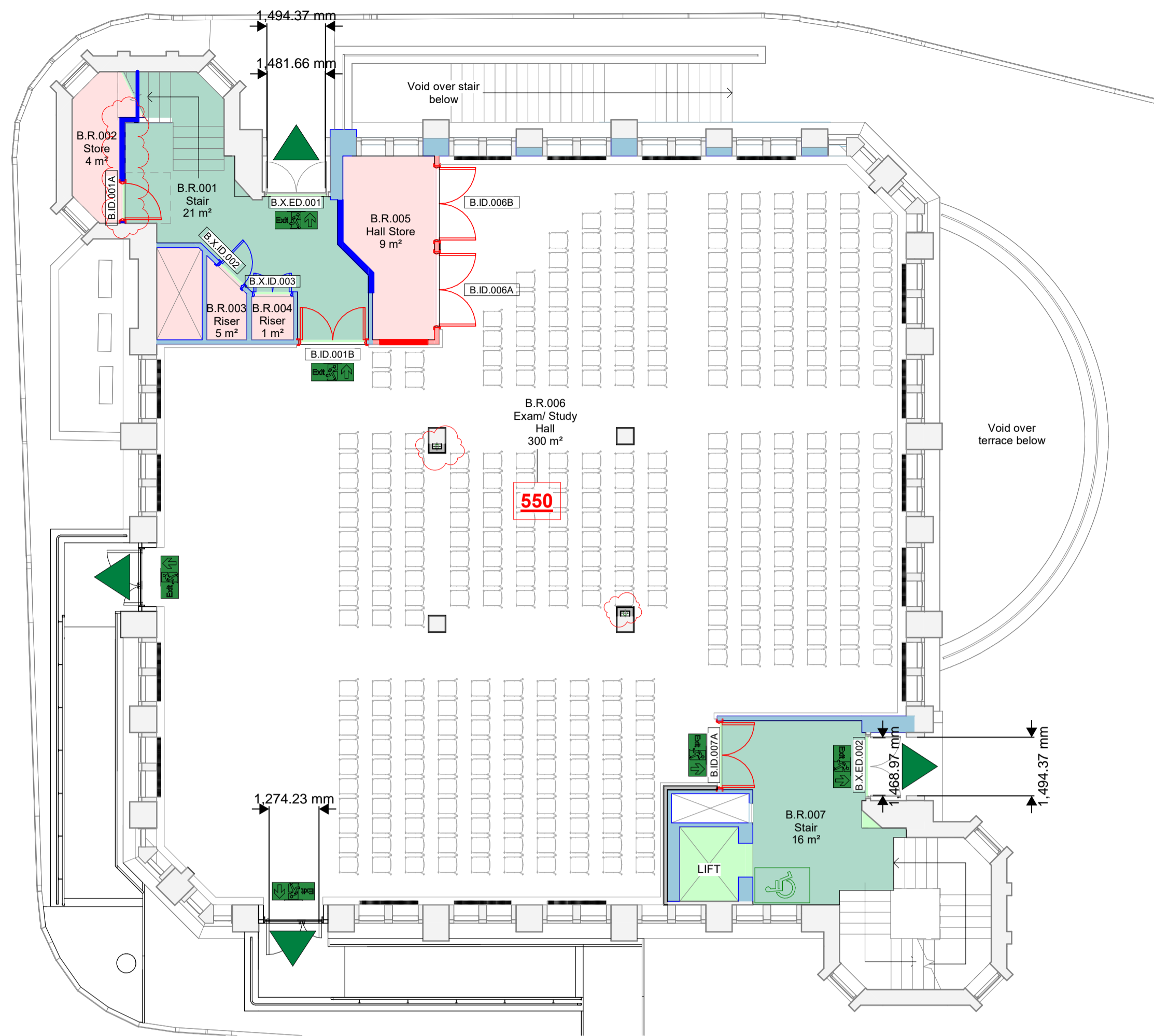
**DRAWING TITLE**  
MB - Fire Strategy Plan - Fourth Floor

SCALE @ A0: 1:100

DRAWING NUMBER	REV
1714 IID   A   XX   DR   A-1605	P03



1 Fire Strategy Plan - Basement  
1:100



2 Fire Strategy Plan - Ground  
1:100



3 Fire Strategy Plan - First  
1:100



4 Fire Strategy Plan - Second  
1:100

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FD30s indicates smoke seals are required.
- FD60 Door - NEW**  
FD60s indicates smoke seals are required.
- FD30 Door - EXISTING**  
FD30s indicates smoke seals are required. Refer to schedule for remedial work required.
- FD60 Door - EXISTING**  
FD60s indicates smoke seals are required. Refer to schedule for remedial work required.
- 24 Room Occupancy**  
Exit capacities are based on the occupancies shown and these must not be exceeded.
- 900 x 1400mm Wheelchair Refuge**
- Door on hold opener**
- Final exit**  
Directional escape signage shown on plan. Final locations to be agreed with RBCA on site. Fire escape signage will either be illuminated type as per MEP specification or as N15.
- Circulation**
- Circulation - Escape Stair**
- Areas of Special Fire Hazard**
- Extent of Fire Compartment - boundary to be 60mins fire resisting construction**
- 30/15 ceiling/ loft cavity barrier**  
Specification: P10/432A
- 60/60 ceiling/ loft cavity barrier**  
Specification: P10/432B

**Fire resistance periods for elements of structure:**  
Height of basement below access level: **not more than 10m (60min protection)**  
Height of top occupied storey above access level: **not more than 18m (60min protection)**

REV	DESCRIPTION	DATE
P03	Revised as Clouded-Client Comments	03.05.24
P02	Revised As Clouded For Tender	12.04.24
P01	Stage 4 Tender Issue	22.03.24

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**CLIENT**  
Thomas's London Day Schools

**PROJECT**  
Thomas's College - SCT Library

**DRAWING TITLE**  
SCTL - Fire Strategy Plans - Sheet 1

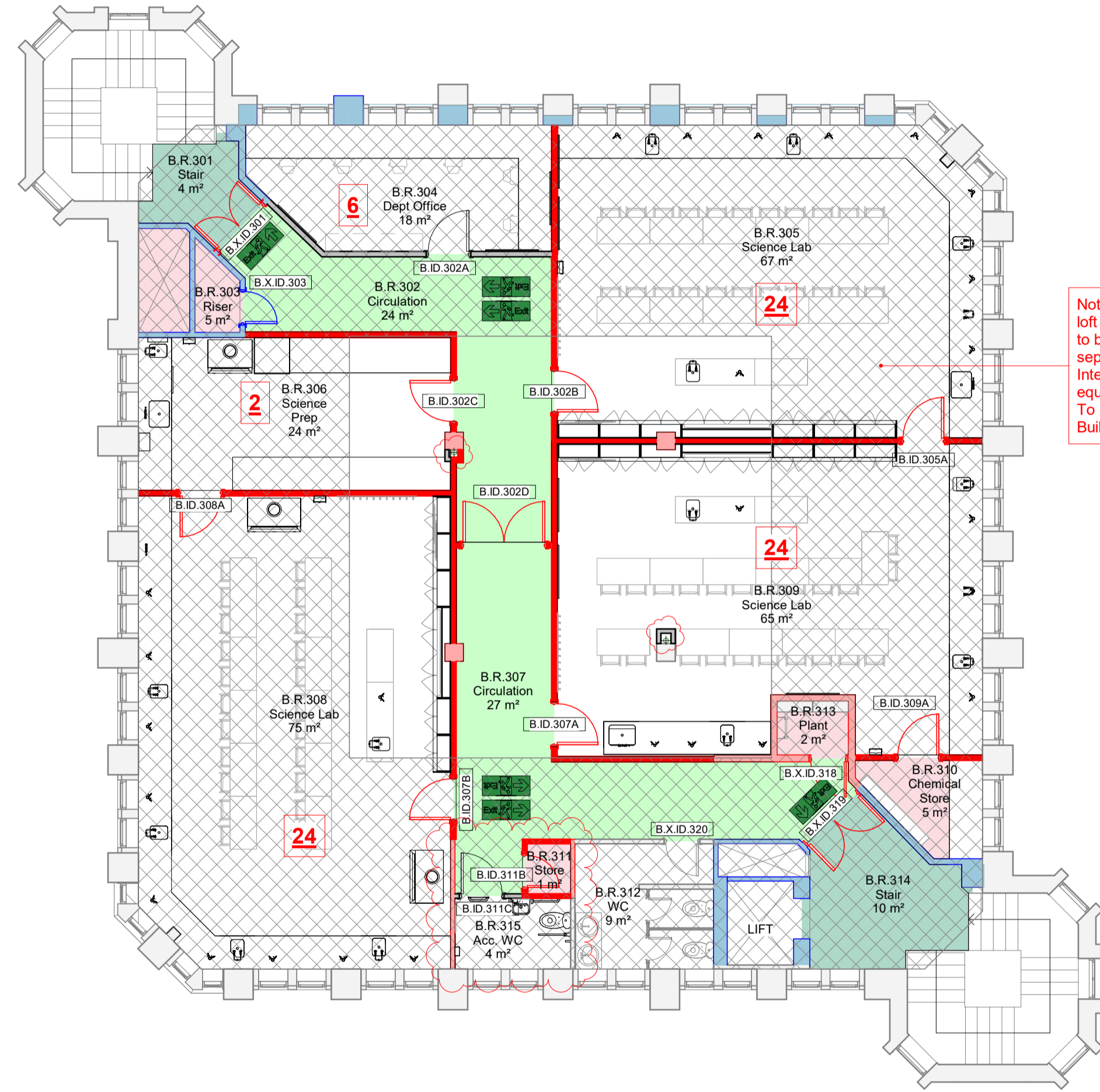
**SCALE @ A1:** 1:100

DRAWING NUMBER	REV
1714 IID B XX DR A-1600 P03	

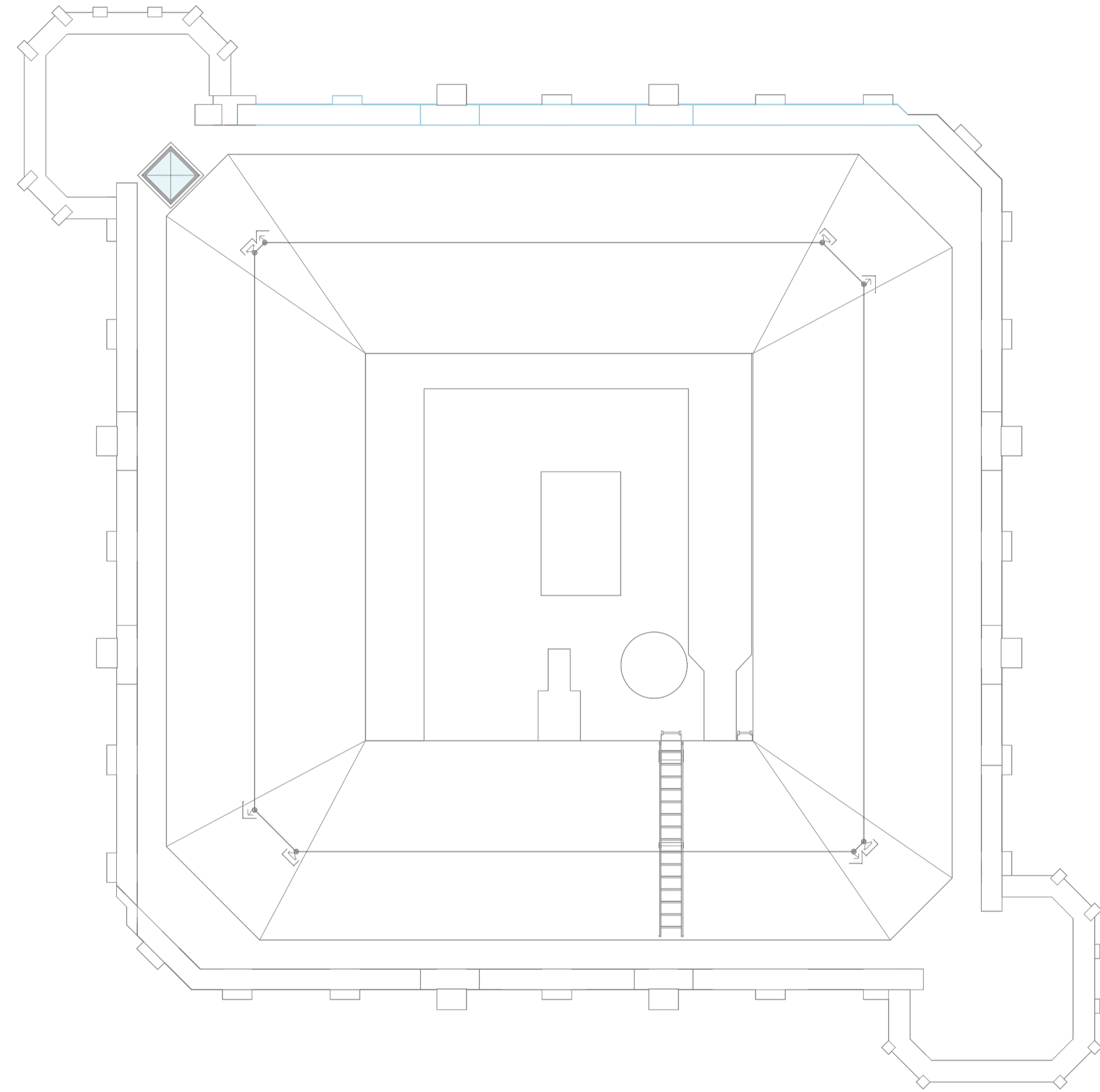
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**Fire resistance periods for elements of structure:**  
Height of basement below access level: not more than 10m (60min protection)  
Height of top occupied storey above access level: not more than 18m (60min protection)



Note grey cross hatch denotes loft space above. Cavity barriers to be installed to take any fire separation line to up to roof. Integrity of fire barrier must equal that of the wall below it. To be confirmed with Regulation Building Control Approver.



1 Fire Strategy Plan - Third  
1:100

2 Fire Strategy Plan - Roof  
1:100

P03	Revised as Clouded-Client Comments	03.05.24
P02	Revised As Clouded For Tender	12.04.24
P01	Stage 4 Tender Issue	22.03.24

REV	DESCRIPTION	DATE
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<b>CLIENT</b>	Thomas's London Day Schools
<b>PROJECT</b>	Thomas's College - SCT Library
<b>DRAWING TITLE</b>	SCTL - Fire Strategy Plans - Sheet 2
<b>SCALE @ A1:</b>	1:100

DRAWING NUMBER	REV
1714 IID B XX DR A-1601 P03	