

A fire tender accessible location is one which meets the following requirements:

1. The minimal width between kerbs on fire tender access roadways is to be less than 3.7m;
2. The minimal width of a fire tender accessible gateway is 3.1m;
3. The minimal clearance height is to be no less than 4m;
4. The minimum turning circles between kerbs is to be 26m and between walls is 29m;
5. The minimum carrying capacity should be no less than 17 tonnes

Where the length of a dead-end fire tender accessible roadway exceeds 20m, the route should be provided with turning facilities (i.e. a turning circle or hammerhead).

- Notes:-
1. It is to be ensured that fire hydrants are provided within 90m of dry riser inlet points. Additional hydrants, if required are to be provided in accordance with BS 9990:2015
  2. Buildings fitted with a dry fire main should have access for a fire appliance to within 18m of each fire main connection point, typically on the face of the building close to the entrance point leading to the fire-fighting shaft, with the inlet visible from the fire appliance.
  3. Location of nearest fire hydrants need to be confirmed.

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Drawing Title

Proposed Fire Vehicle Access Plan

Project Title

Boundary House

Project Number

30499

Scale @ A#

1:100

Date

15/12/2023

Drawn

Checked

Rev.

HV

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Hempel (Middlesex) Limited  
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Project:  
Boundary House  
Cricketfield Road, Uxbridge, UB8 1QG

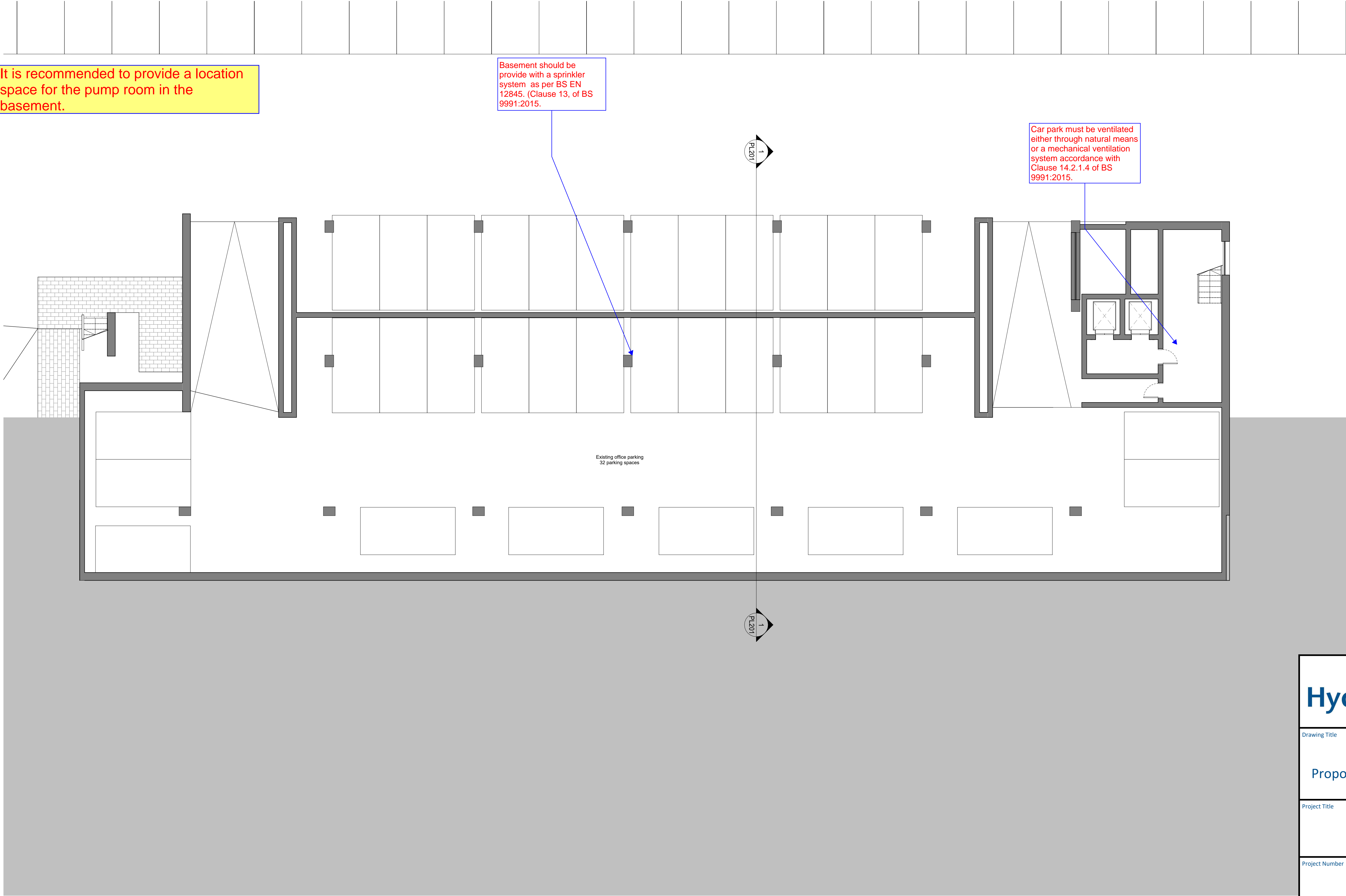
Drawing Title:  
Proposed Site Plan  
Project Status

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Date of First Issue:  
10/12/23

Drawing No:  
PL003



Drawing Title

Proposed Basement Floor Plan

Project Title

Boundary House

Project Number

30499

Scale @ A# Date

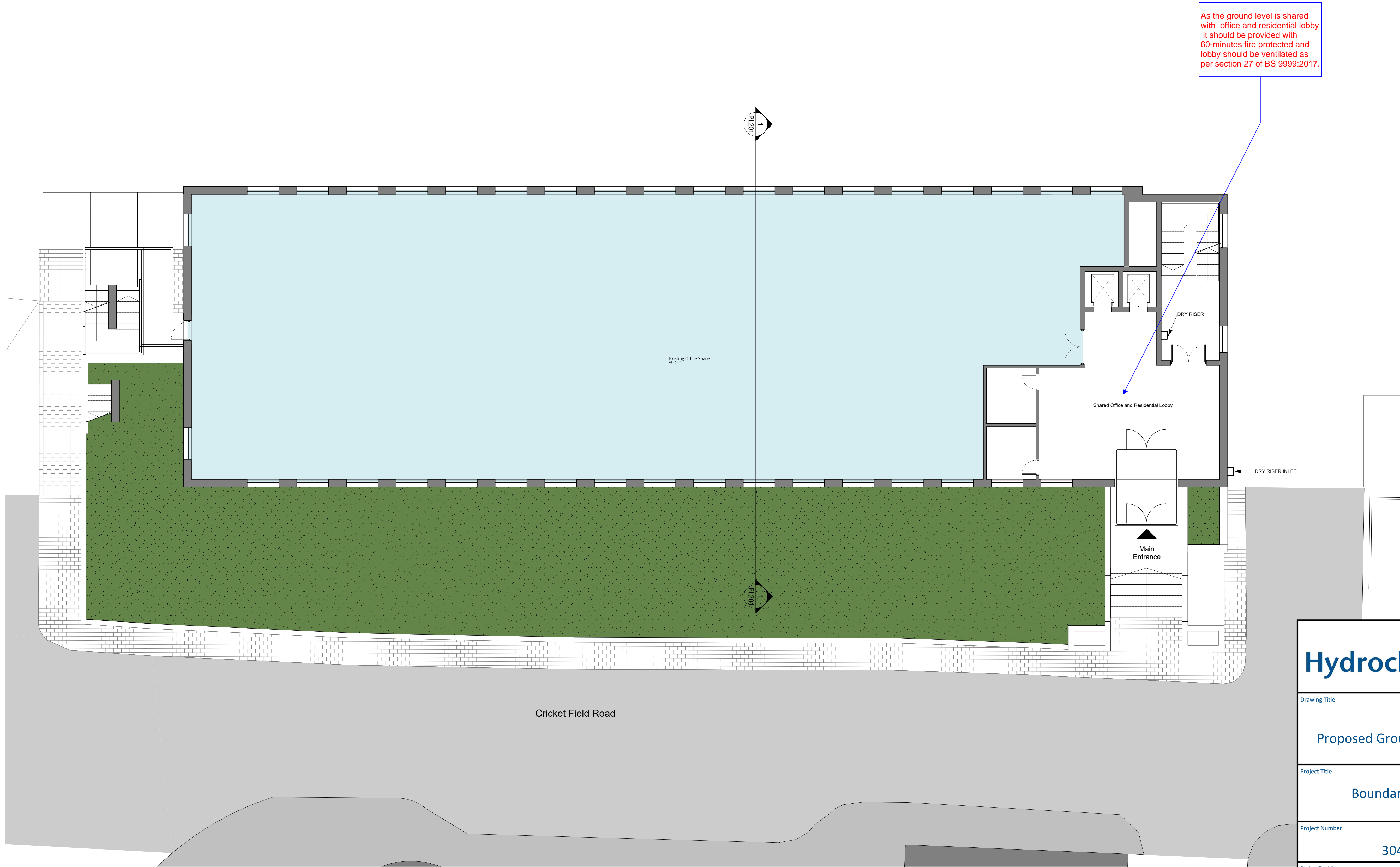
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Drawing Title		
Proposed Ground Floor Plan		
Project Title		
Boundary House		
Project Number		
30499		
Scale @ A#	Date	
1:100	15/12/2023	
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Project:  
**Boundary House**  
Cricket Field Road,  
Uxbridge, UB8 1QG

Drawing Title:  
**Proposed Ground Floor Plan**  
Project Status

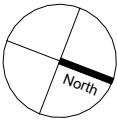
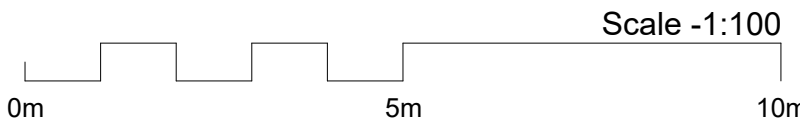
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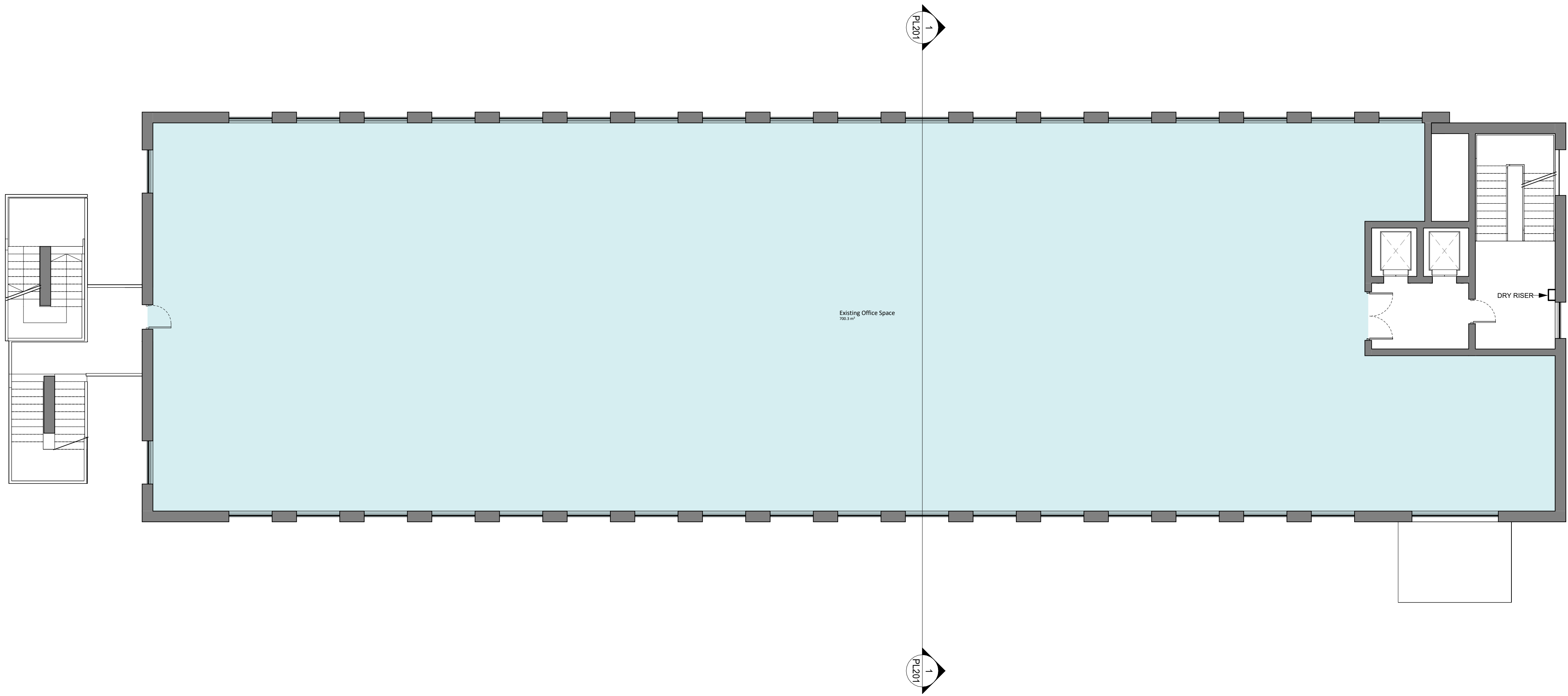
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Drawing No:  
**PL100**

Drawing No:



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Drawing Title		
Proposed First Floor Plan		
Project Title		
Boundary House		
Project Number		
30499		
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**Proposed First Floor Plan**  
Project Status

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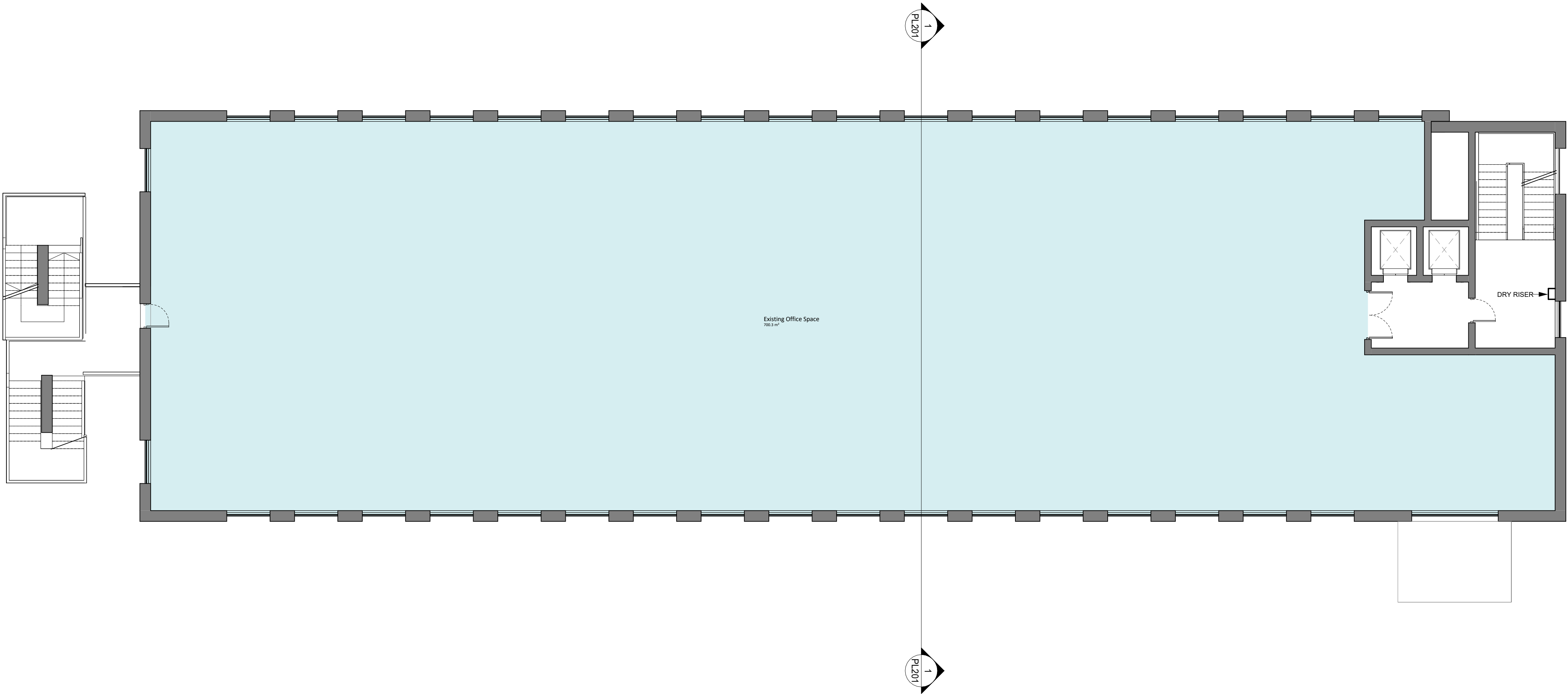
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**PL101**

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Proposed Second Floor Plan		
Project Title		
Boundary House		
Project Number		
30499		
Scale @ A#	Date	
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Project:  
Boundary House  
Whitfield Road,  
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Drawing Title:  
Proposed Second Floor Plan  
Project Status

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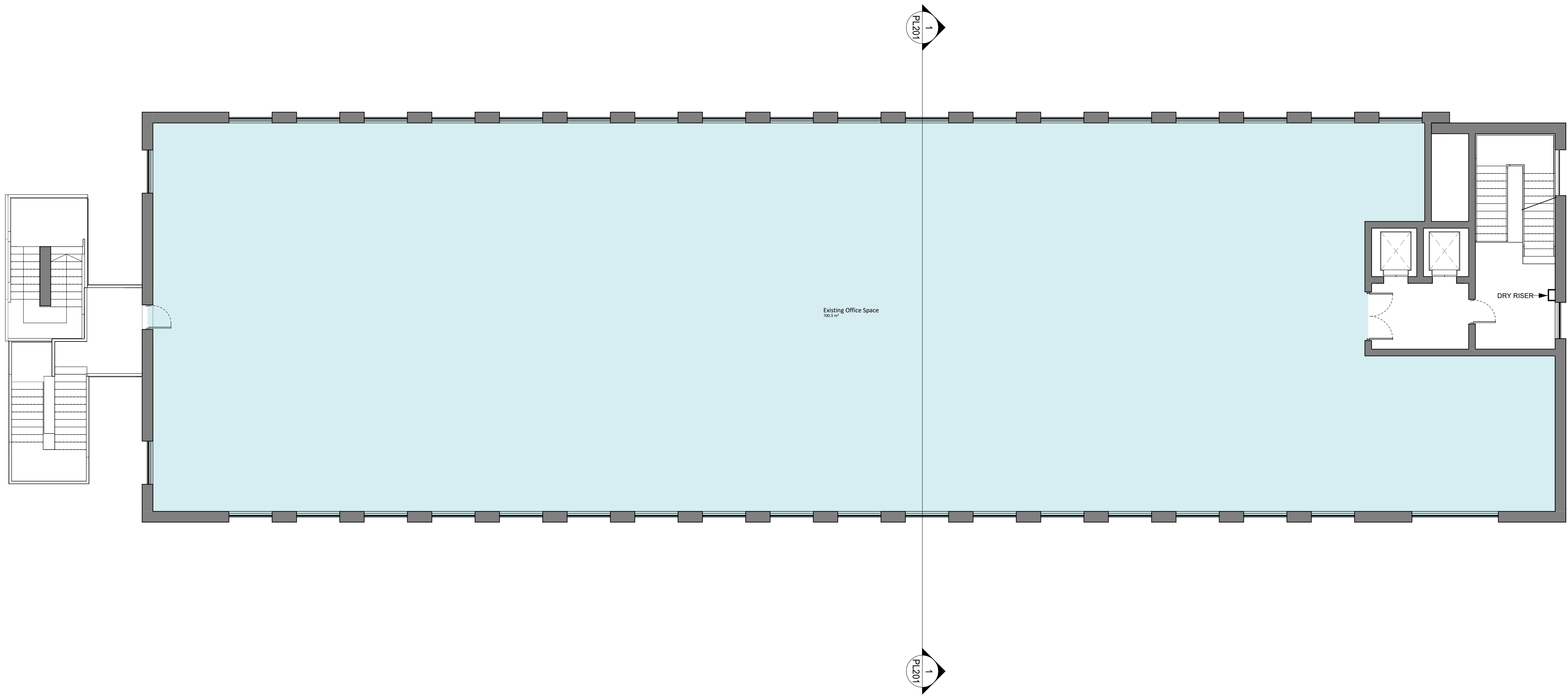
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PL102

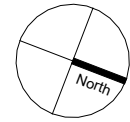
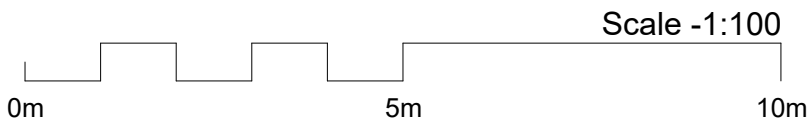
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Drawing Title		
Proposed Third Floor Plan		
Project Title		
Boundary House		
Project Number		
30499		
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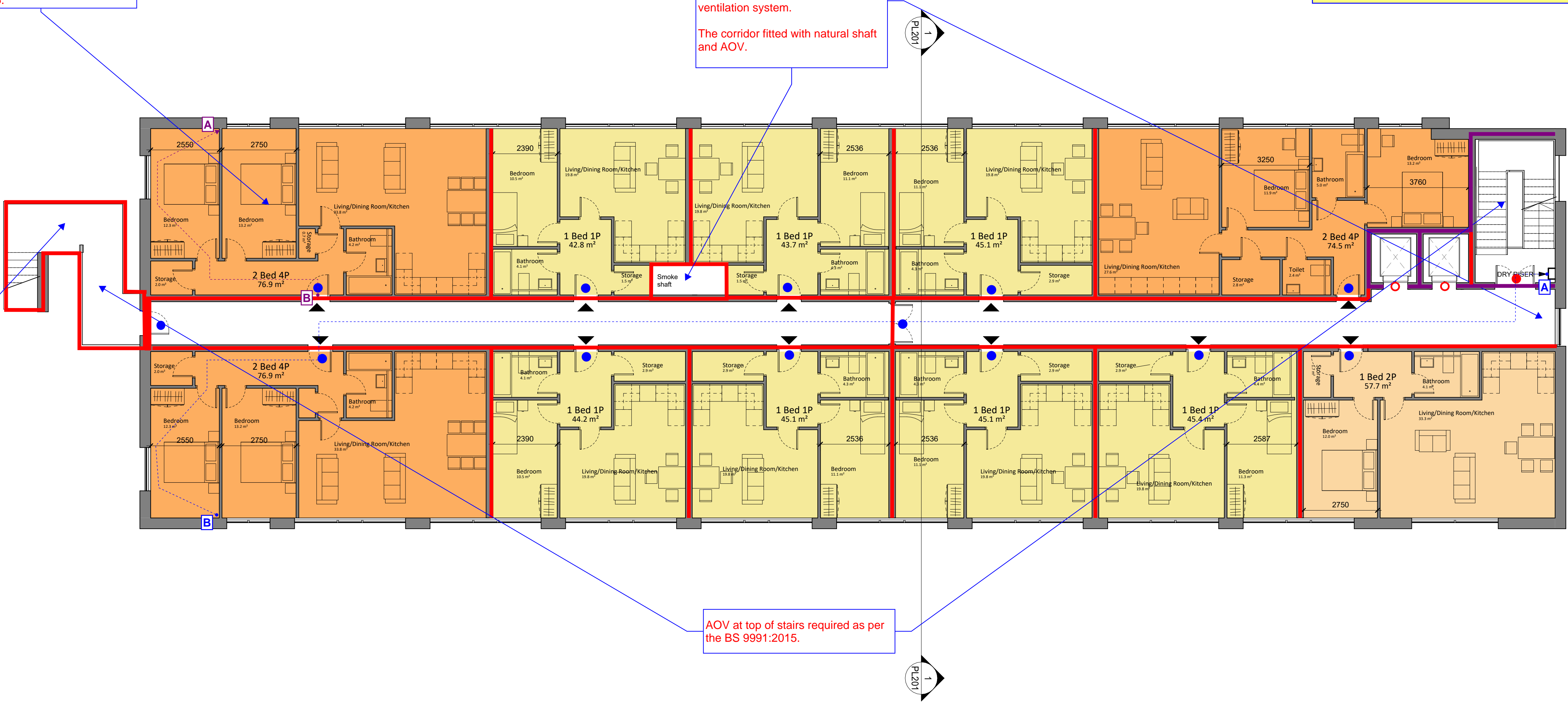
As per the BS 9991:2015, the total travel distance from any point of the flat to the entrance door of the flat should be limited to 9m. This limit may be extended to 20m if an AWFSS and an LD1 fire detection and fire alarm system in accordance with BS 5839-6:2019 are installed. Travel distance and fire resistance rating of the residential units shall be designed as per Figure 10 of BS 9991:2015.

The corridor on the residential levels needs to be ventilated by one of these: Automatic Opening Vent or natural shaft or mechanical smoke ventilation system.  
  
The corridor fitted with natural shaft and AOV.

A sprinkler system must be installed as the building height is more than 11m. All parts of the building shall be protected throughout by sprinkler system including the car parks and office areas(existing) to the standards set out in BS 9251:2021 and where relevant to BS EN 12845:2019.


Elements of structure throughout the building are to achieve at least 60 minutes fire resistance, with regard to load-bearing capacity.

AOV at top of stairs required as per the BS 9991:2015.



**Legend:**

- FD30 fire door
- FD30S fire door
- FD60S fire door
- 60 minute fire rated construction
- FD120S fire door
- 120 minute fire rated construction
- A - - - B Single travel distance
- A - - - B - - - C Total travel distance

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Drawing Title	
Proposed Fourth Floor Plan	
Project Title	
Boundary House	
Project Number	
30499	
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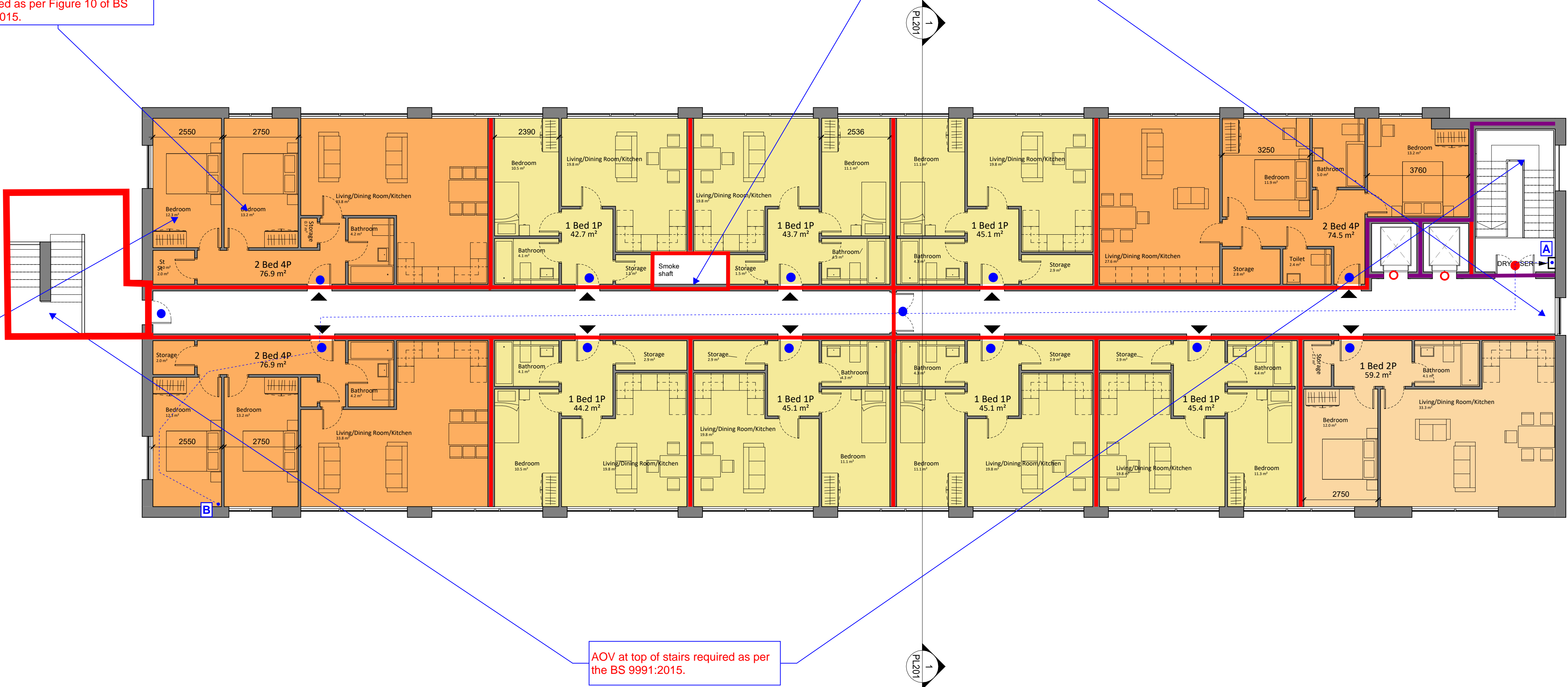
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The corridor fitted with natural shaft and AOV.

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**Legend:**

- FD30 fire door
- FD30S fire door
- FD60S fire door
- 60 minute fire rated construction
- FD120S fire door
- 120 minute fire rated construction
- Single travel distance
- Total travel distance



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Drawing Title

Proposed Fifth Floor Plan

Project Title

Boundary House

Project Number

30499

Scale @ A#

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Date

15/12/2023

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Drawing Title:  
**Proposed Fifth Floor Plan**  
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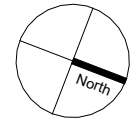
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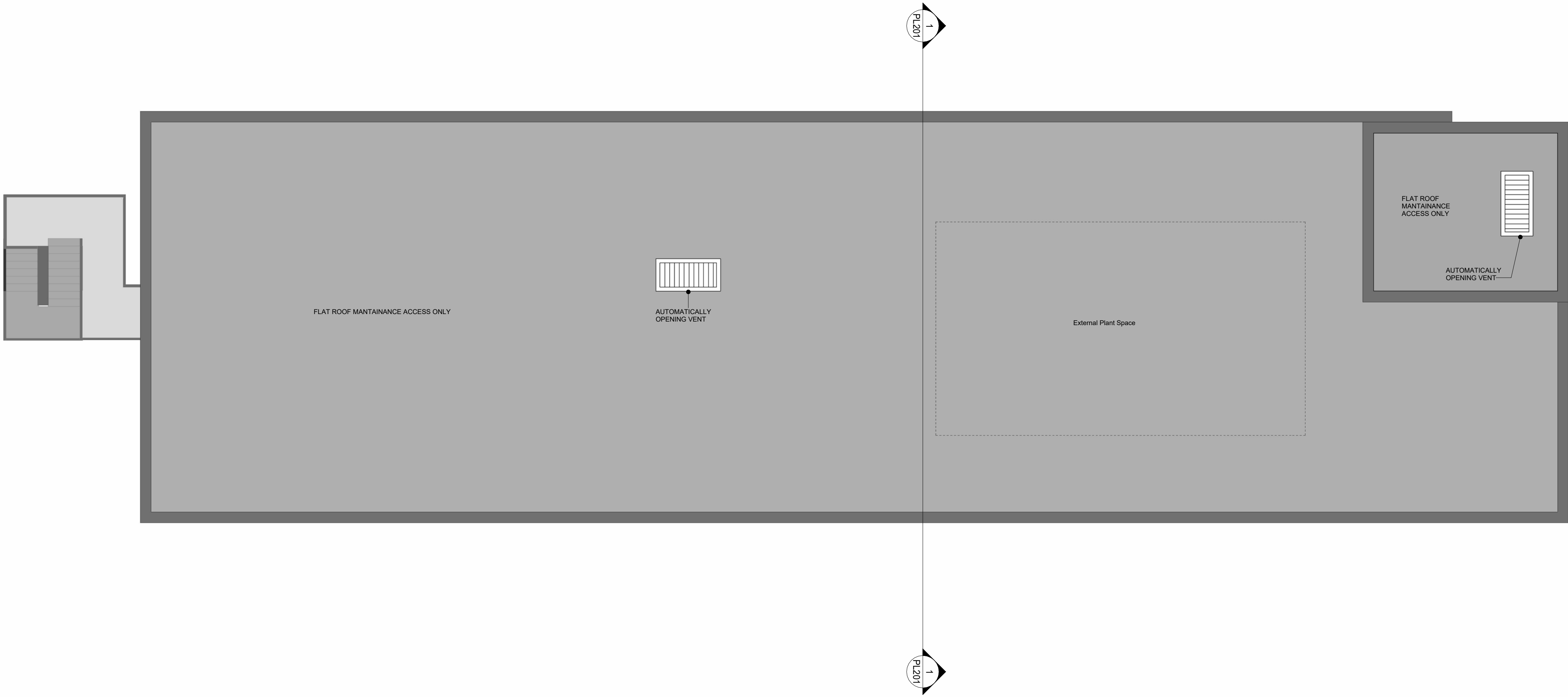
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**PL105**

Drawing No:

Scale -1:100  
0m 5m 10m







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Drawing Title		
Proposed Roof Plan		
Project Title		
Boundary House		
Project Number		
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**PL106**

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