

Building Futures Together

Barker Associates

Heath Lane Academy - New External Entrance
Screen & Internal Safeguarding Works

Design & Access Statement

P24-0713

March 2025



Barker

Contents

Barker Associates Heath Lane Academy - New External Entrance Screen & Internal Safeguarding Works Design & Access Statement

Heath Lane Academy - New External Entrance Screen &
Internal Safeguarding Works
Heath Lane Academy
Heath Lane
Earl Shilton
Leicester
LE9 7PD

Prepared For and on Behalf of:

United Learning Trust
World Wide House
Thorpe Wood
Peterborough
PE3 6SB

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1 Introduction 2

1.1 Purpose of the Report2

1.2 Reasoning & Overview of the Proposed Works2

1.3 Planning History2

2 Context 3

2.1 Site Location3

2.2 Site Photos4

2.3 Site Appraisal10

3 Context 10

3.1 Scale10

3.2 Layout10

3.3 Materials.....10

4 Access 11

4.1 Site Access.....11

4.2 Design Access11

Appendix A: Flood Risk Map

Appendix B: Existing & Proposed Drawings



1 Introduction

1.1 Purpose of the Report

This design and access statement is being produced to support the planning application for Heath Lane Academy regarding the replacement of the existing entrance screen and doors to the main entrance. The proposed work also includes the replacement of the existing uPVC cladding above the entrance screen and replacement school signage to reflect that Heath Lane Academy is now part of the United Learning Trust. This document will provide background information on the site and the school alongside reasoning for the application. Finally, it will go through the proposed design for the replacement entrance screen and related information to provide a fuller understanding of the proposed work.

1.2 Reasoning & Overview of the Proposed Works

The school has recognised that the original aluminium frame entrance screen and doors serving the main school entrance are in need of replacement. The existing entrance and exit doors are manually operated swing doors and the proposed replacement entrance screen will provide fully automatic double sliding doors which will provide a fully accessible entrance to the school. The replacement screen will provide an opportunity to improve U-values to the main entrance area and therefore energy efficiency of the school. Solar gain and glare is also an issue with the existing screen which has glazed panels at high level and faces south. The replacement screen proposes solid panels at high level to reduce solar gain and glare and the new glazing will also reduce solar gain.

Plans are attached in Appendix B.

1.3 Planning History

Application Number: 24/00257/FUL.

Replacement of windows.

Status: Granted with conditions 30 May 2024.

Application Number: 24/00824/FUL.

Replacement roof to the main block and associated works.

Status: Granted with conditions 23 October 2024.

2 Context

2.1 Site Location

The site is located at Heath Lane Academy, Heath Lane, Earl Shilton, Leicester, LE9 7PD.

The surrounding area is mainly residential to the south, east and west with farmland to the north.



Red line highlighting the location for the entrance screen replacement works and the blue arrow noting the access to the site. Yellow line indicates the reception lobby.

2.2 Site Photos



Image 01: Main school entrance showing the existing glazed screen with entrance and exit doors.



Image 02: Existing school signage at first floor level and above the upper glazed screen to be replaced with new signage. Existing white uPVC shiplap cladding above the upper screen (behind the signage) to be replaced with new white uPVC shiplap cladding to match the existing.

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Image 03: Existing manually operated entrance doors to be replaced with new fully automatic sliding doors.



Image 04: Existing manually operated exit doors to be replaced with new fully automatic sliding doors.



Image 05: Existing white uPVC shiplap cladding damaged by numerous fixing holes to be replaced with new white uPVC shiplap cladding to match the existing. The school signage is to be replaced to reflect the change from 'The Midland Academies Trust' to 'United Learning'.



Image 06: Existing white uPVC shiplap cladding damaged by numerous fixing holes to be replaced with new white uPVC shiplap cladding to match the existing. The school signage is to be replaced to reflect the change from 'The Midland Academies Trust' to 'United Learning'.



Image 07: Typical image showing the new windows installed to the ground floor of the main block. The proposed entrance screen will match the colour and finish of the new windows, RAL 7016 Anthracite Grey.



Image 08: Existing internal door to reception area to be provided with access control.

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Image 08: Existing internal doors to reception area to be provided with access control.



Image 09: Existing internal doors to reception area to be provided with access control.



Image 09: Existing opening to the top of the stairs at first floor level to be provided with new secure PPC aluminium sliding door.



2.3 Site Appraisal

The site area where the entrance scree, uPVC cladding and signage are being replaced is set back within the grounds of the school. There is no impact on parking with the work being undertaken and as only the existing main entrance elevation is being impacted there is no change to the local landscape or habitats either.

The internal safeguarding works comprise of new access control to the existing internal doors within the reception lobby and a new PPC aluminium sliding door at the top of the stairs at first floor level. The internal work will not be visible from the exterior of the

This area is not in a flood risk zone. See Appendix A.

The building is not listed nor is it on the grounds of a listed building.

The site is not within a conservation area.

3 Context

3.1 Scale

The elevation that is part of the application faces south and spans 7.7m wide. The main entrance is set back between the two adjacent block elevations. The scale and volume of the building will not change with the proposed entrance screen being the same size as the existing. The replacement uPVC cladding will be installed to match the existing arrangement.

The new school signage will be located in the same locations as the existing signage.

Internally, the scale and volume of the building will not change. A new secure PPC aluminium sliding door is proposed to the top of the stairs at first floor level. All other doors within the reception area are existing.

3.2 Layout

There is no impact on the internal layout of the school with this work as shown on the floor plans supplied. The proposed entrance screen comprises glazed panels to the ground floor with solid panels to the upper(first floor) level. The proposed doors to the new entrance screen are fully automatic sliding doors.

Internally, the only aspect to note is the proposed secure PPC aluminium sliding door to the top of the stairs at first floor level.

See Appendix B for the proposed floor plan layout.

3.3 Materials

The proposed entrance screen and sliding doors consist of polyester powder coated aluminium to be finished with an Anthracite Grey (RAL 7016) colour. This will match the new aluminium windows installed to the main building and provide a consistent finish and appearance for the main school building and the main entrance.

The upper screen and screen at first floor level, will be provided with solid insulated aluminium panels to help reduce solar gain and glare. The panels will be finished with an Anthracite Grey (RAL 7016) colour.

The glazing to the entrance screen will be provided with SunGuard SuperNeutral SN75H coating.



The existing white uPVC shiplap cladding above the entrance screen will be replaced with new white uPVC shiplap cladding which will match the existing cladding both in terms of colour and detail.

The existing school signage will be replaced to reflect the change of the school to 'United Learning' and will be located in the same position as the existing signage. The new signage will be of composite aluminium.

Internally the proposed secure PPC aluminium sliding door to the top of the stairs at first floor level will be the same finish and colour as the new sliding doors to the entrance screen.

See Appendix B elevation drawings of the proposed design for reference.

4 Access

4.1 Site Access

The overall site is accessed from Heath Lane as seen on the above satellite site location image. This leads directly to the main parking area and has clear access to the proposed site of work. Access to the site will not be affected by the proposed work and will remain as existing.

The proposed entrance screen will retain the general arrangement of separate entrance and exit doors. The proposed doors are fully automatic double sliding doors.

4.2 Design Access

The proposed access screen includes fully automatic double sliding doors to improve accessibility to the main entrance.

This application will have no impact on the access to the building.

Appendix A: Flood Risk Map



Flood map for planning

Your reference
<Unspecified>

Location (easting/northing)
445236/297714

Created
6 Mar 2025 9:49

Your selected location is in flood zone 1, an area with a low probability of flooding.

You will need to do a flood risk assessment if your site is **any of the following:**

- bigger than 1 hectare (ha)
- In an area with critical drainage problems as notified by the Environment Agency
- identified as being at increased flood risk in future by the local authority's strategic flood risk assessment
- at risk from other sources of flooding (such as surface water or reservoirs) and its development would increase the vulnerability of its use (such as constructing an office on an undeveloped site or converting a shop to a dwelling)

Notes

The flood map for planning shows river and sea flooding data only. It doesn't include other sources of flooding. It is for use in development planning and flood risk assessments.

This information relates to the selected location and is not specific to any property within it. The map is updated regularly and is correct at the time of printing.

Flood risk data is covered by the Open Government Licence **which** sets out the terms and conditions for using government data. <https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/>

Use of the address and mapping data is subject to Ordnance Survey public viewing terms under Crown copyright and database rights 2024 OS AC0000807064. <https://flood-map-for-planning.service.gov.uk/os-terms>

Flood map for planning

Your reference
<Unspecified>

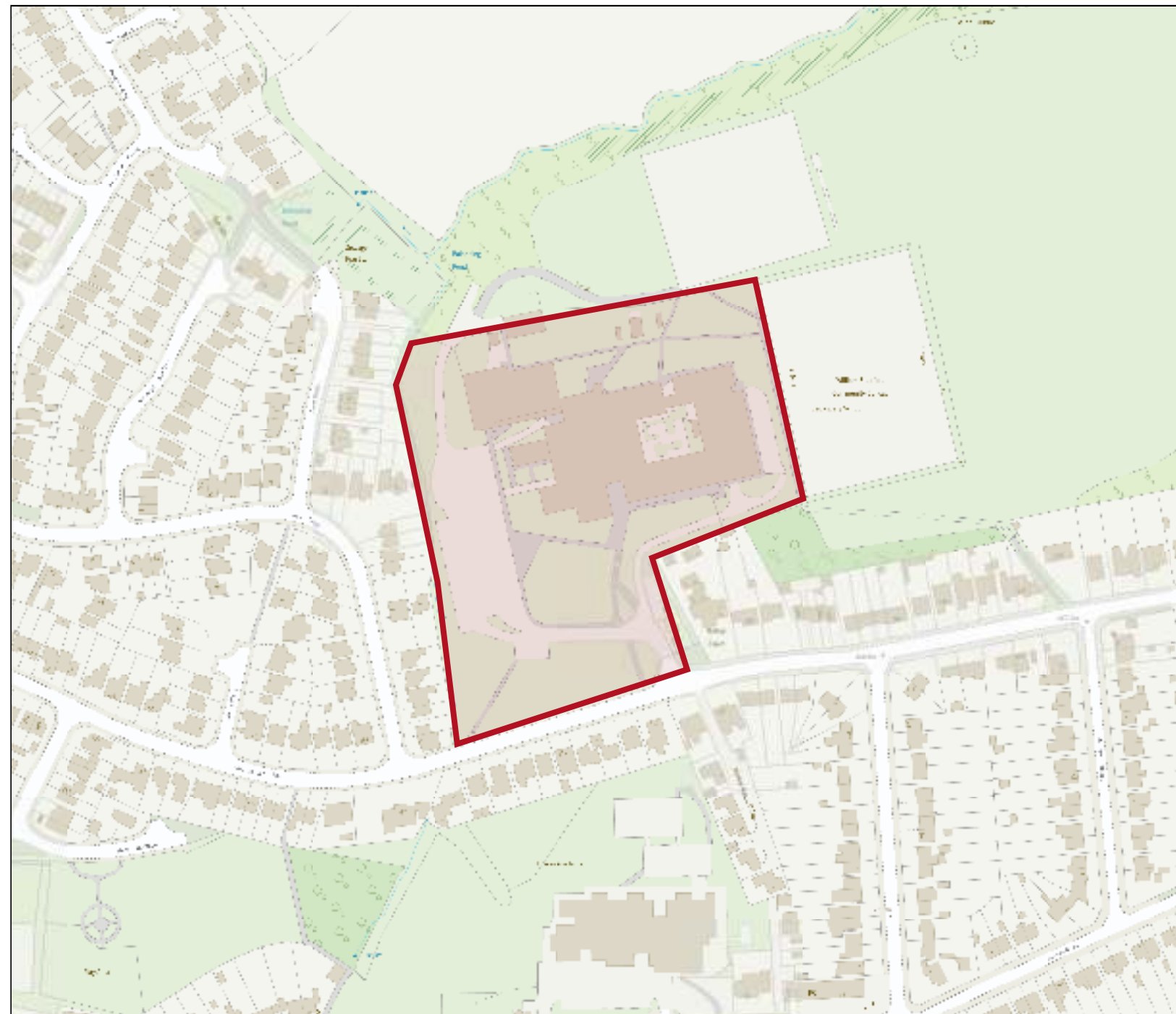
Location (easting/northing)
445236/297714

Scale
1:2500

Created
6 Mar 2025 9:49

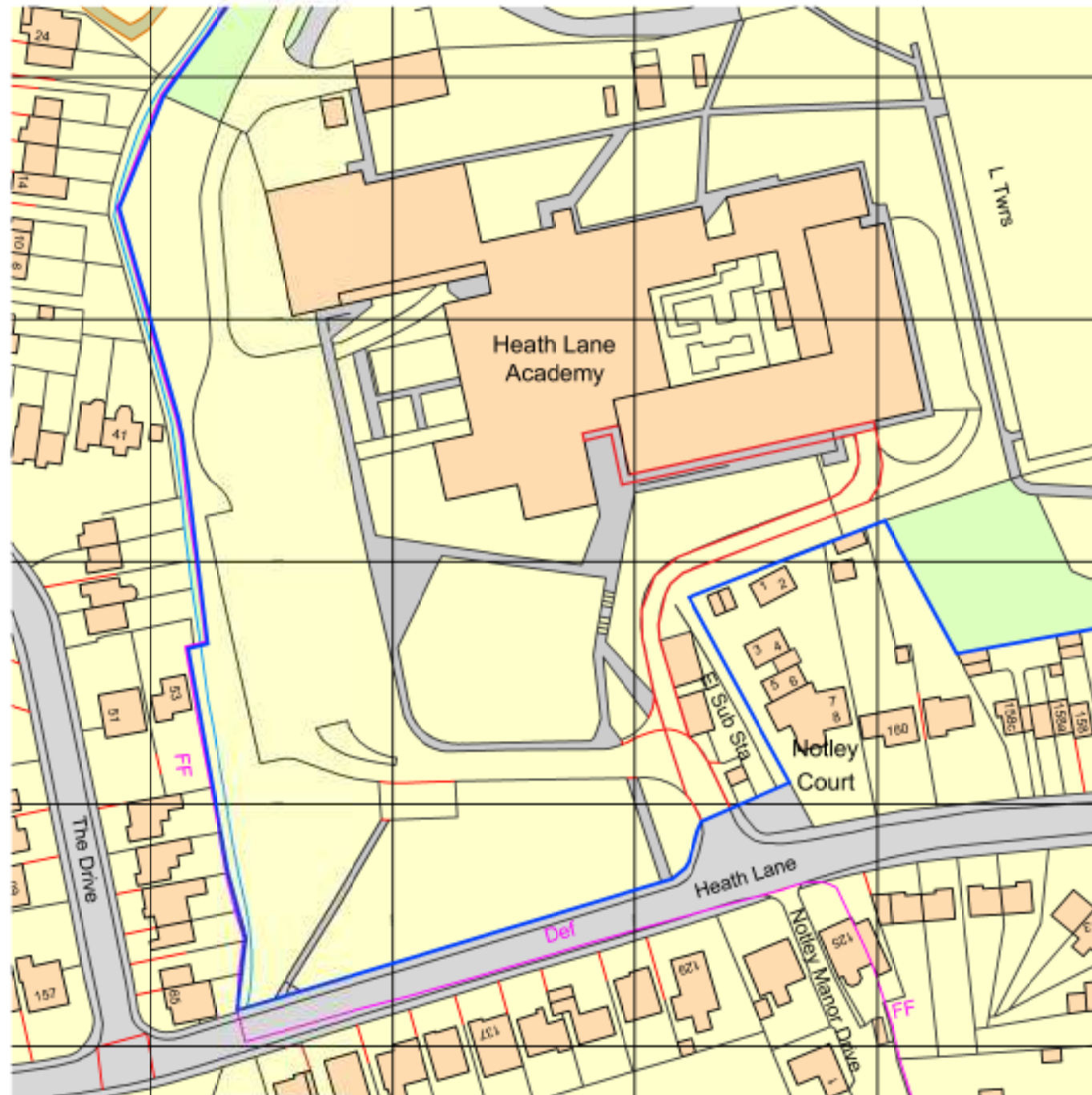
-  Selected area
-  Flood zone 3
-  Flood zone 2
-  Flood zone 1
-  Flood defence
-  Main river
-  Water storage area

0 20 40 60m



Appendix B: Existing & Proposed Drawings

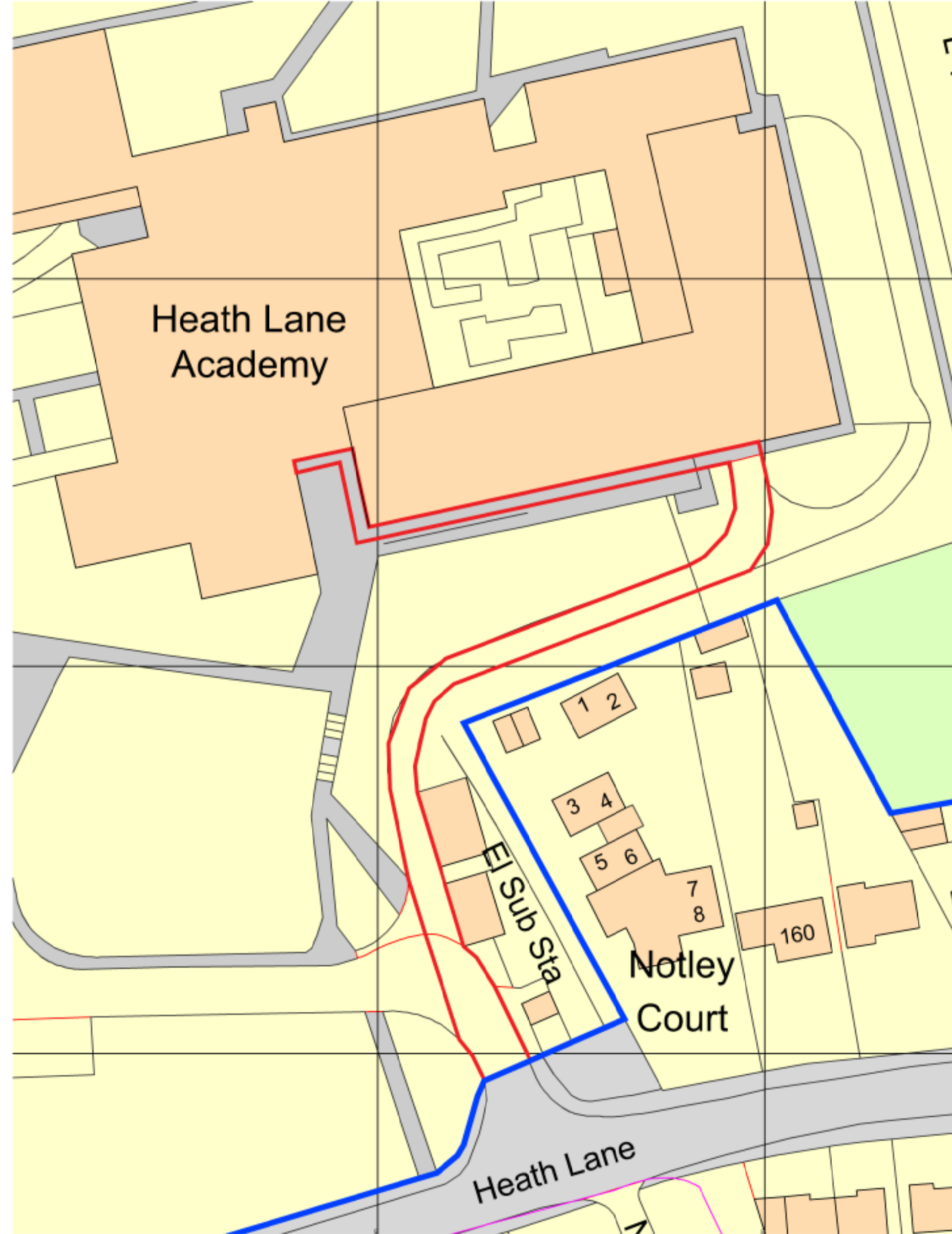




Location Plan
Scale - 1:1250

Scale 1:1250
100 (metres)

- Site boundary (582.29m²).
- Ownership boundary.

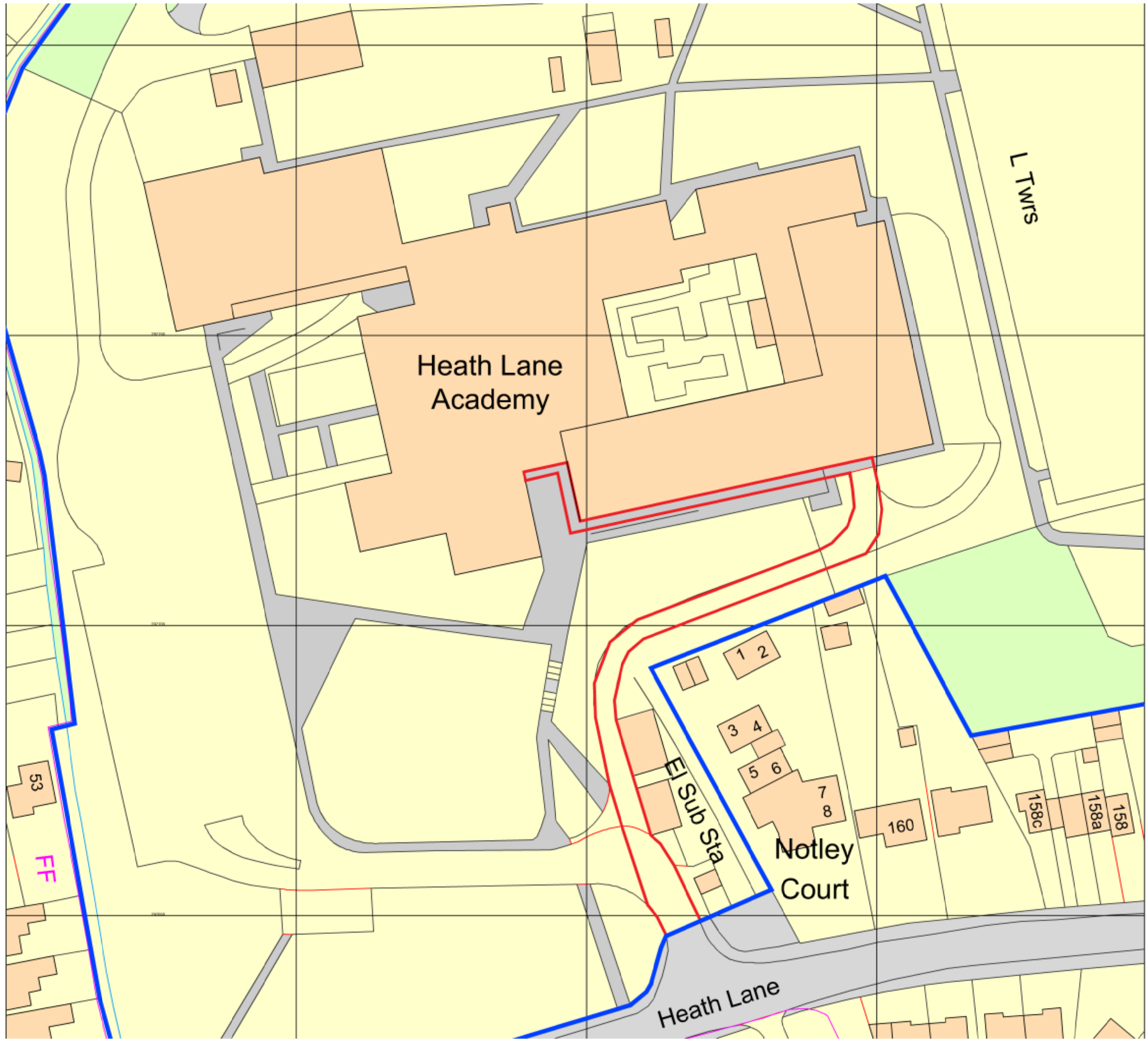


Block Plan
Scale - 1:500

Scale 1:500
50 (metres)

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NOTES:
ALL LEVELS, ANGLES AND DIMENSIONS TO BE CHECKED ON SITE
PRIOR TO COMMENCEMENT OF WORKS.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL
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SPECIFICATIONS AND SCHEDULES.

Drawing Status:			
PLANNING			
P01	Planning Issue	10.03.25	JW
Rev	Description	Date	By
MAJESTY HOUSE, AVENUE WEST SKYLINE 120, BRAINTREE ESSEX, CM77 7AA T: 01279 647111 W: www.barker-associates.co.uk E: mail@barker-associates.co.uk			
Client			
UNITED LEARNING			
Project Title			
HEATH LANE ACADEMY REPLACEMENT OF FIRST FLOOR WINDOWS & ENTRANCE SCREEN			
Drawing Title			
SITE LOCATION & BLOCK PLAN			
Drawn	Checked	Scale	Date
JW	JM	1:500 1:1250 @ A2	Feb 2025
ARCHITECTURAL			
Drawing Number		Project No. P24-0713	
P24713-BA-A1-XX-DR-A-2001		Status	Revision
		S1	P01



Site Plan
Scale - 1:500

0 5 10 15 20 25



Scale 1:500
50 (metres)

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Drawing Status: PLANNING			
P01	Planning Issue	10.03.25	JW

Rev	Description	Date	By
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Client	UNITED LEARNING
--------	------------------------

Project Title	HEATH LANE ACADEMY REPLACEMENT OF FIRST FLOOR WINDOWS & ENTRANCE SCREEN
---------------	--

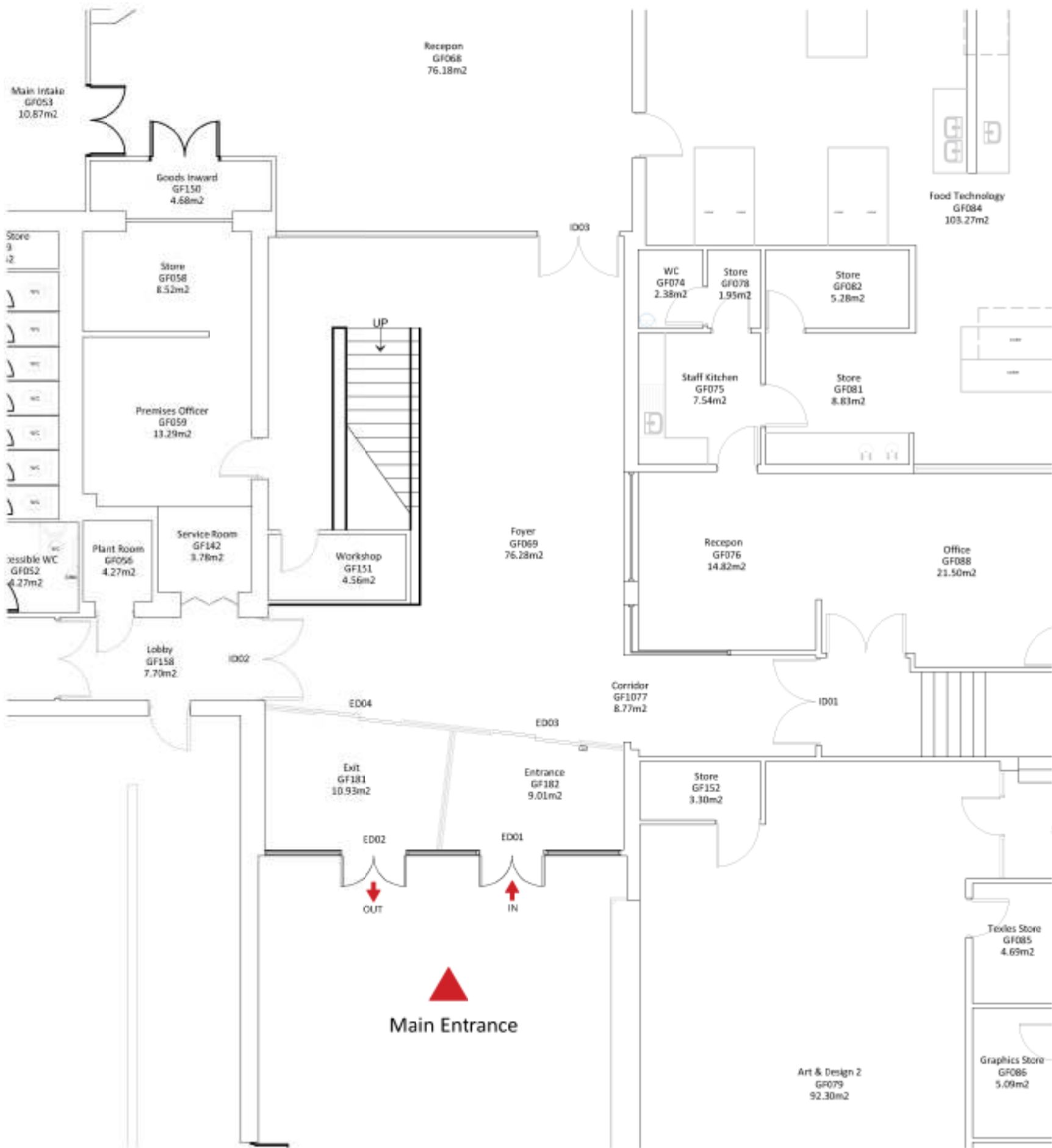
Drawing Title	SITE PLAN
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Drawn	Checked	Scale	Date
JW	JM	1:500 @ A2	Feb 2025

ARCHITECTURAL	
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Drawing Number	Project No. P24-0713
P24713-BA-A1-XX-DR-A-2002	Status Revision
	S1 P01

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SPECIFICATIONS AND SCHEDULES.



GROUND FLOOR



Image 01: Existing school entrance screen & signage to be replaced.



FIRST FLOOR



Image 02: Proposed location of automatic powered sliding door to first floor level at top of stairs. Sliding door to open back in front of the existing timber glazed screen.



Scale 1:100
10 (metres)

Drawing Status:			
PLANNING			
P01	Planning Issue	10.03.25	JW
Rev	Description	Date	By



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Client
UNITED LEARNING

Project Title
HEATH LANE ACADEMY
NEW ENTRANCE SCREEN & SECURE
INTERNAL LOBBY

Drawing Title
EXISTING GROUND & FIRST
FLOOR LAYOUT

Drawn	Checked	Scale	Date
PP	JM	1:100 @ A2	Oct 2024

ARCHITECTURAL

Drawing Number		Project No. P24-0713	
P24713-BA-XX-GF-DR-A-2003		Status	Revision
		S1	P01

ACCESS CONTROL & PAXTON NET2 SYSTEM

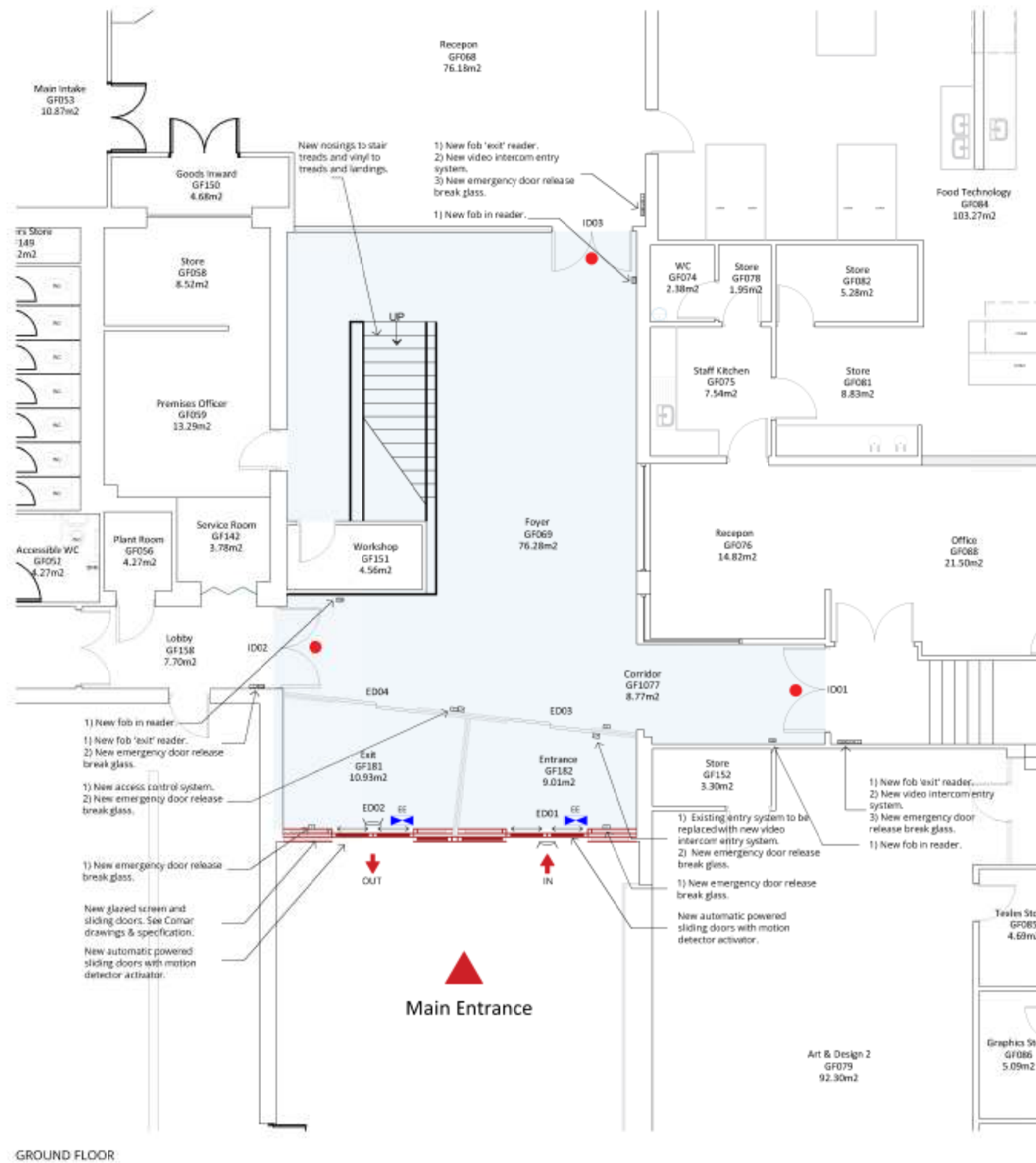
GENERALLY:
The new access control units to the internal doors and internal lobby entrance door are to be linked back to the existing Paxton Net 2 access control system located within the Reception Area.
Include for the new access control to interface with the fire alarm system to ensure doors release in the event of fire alarm activation.
Provide emergency opening device in case of fire alarm activation to ensure the electrically controlled doors are open during fire alarm condition.
All doors forming the proposed work shall be connected to a fire alarm interface unit to ensure all access door are not locked in case of fire alarm activation.
Include for all power supplies from local distribution boards to all systems.
Allow to isolate, disconnect and remove the existing fire exit signage from the existing entrance screen and refit onto the new glazed entrance screen.

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LEGEND

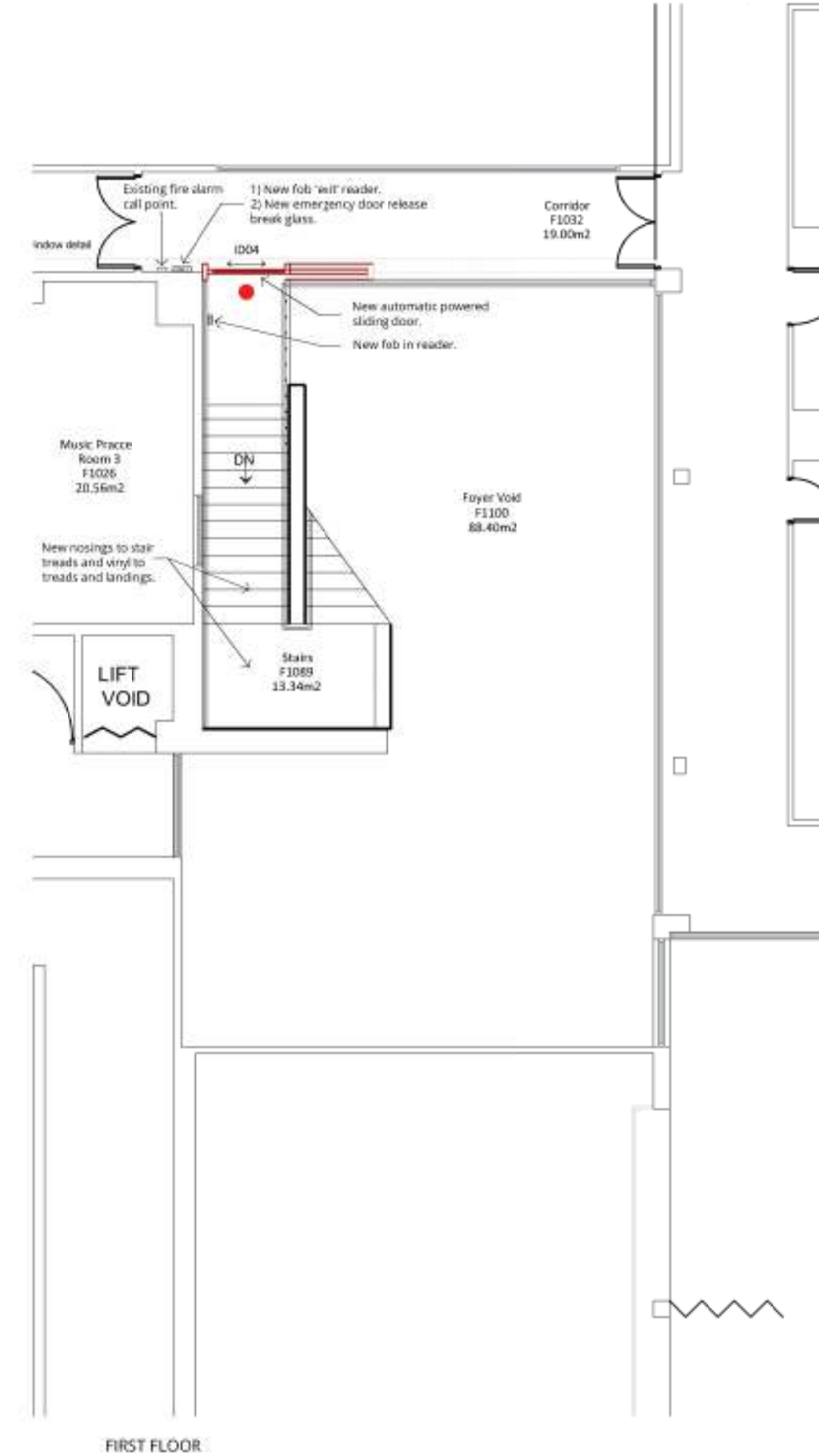
- Secure lobby
- Existing double doors & new door at first floor to be provided with new access control / mag locks.
- ED01 New automatic powered sliding entrance doors with motion detector activator.
New emergency door release break glass.
- ED02 New automatic powered sliding exit doors with motion detector activator.
New emergency door release break glass.
- ED03 New video intercom panel linked to reception.
New emergency door release break glass.
- ED04 New access control system linked to reception.
New emergency door release break glass.
- ID01 & ID03 New mag lock to existing doors.
New video intercom panel linked to reception.
New fob in & out reader.
Emergency door release break glass.
- ID02 New mag lock to existing doors.
New fob in & out reader.
Emergency door release break glass.
- ID04 New automatic powered sliding door.
New fob in & out reader.
Emergency door release break glass.
- EE Existing emergency exit signage to be removed from existing entrance screen & refitted to new glazed screen.



GROUND FLOOR



Image 01: Existing school entrance screen & signage to be replaced.



FIRST FLOOR



Image 02: Proposed location of automatic powered sliding door to first floor level at top of stairs. Sliding door to open back in front of the existing timber glazed screen.

0 1 2 3 4 5

Scale 1:100
10 (metres)

Drawing Status:

PLANNING

P01 Planning Issue 10.03.25 JW

Rev Description Date By

Barker MAJESTY HOUSE, AVENUE WEST
SKYLINE 120, BRAINTREE
ESSEX, CM77 7AA
T: 01279 647111
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Client UNITED LEARNING

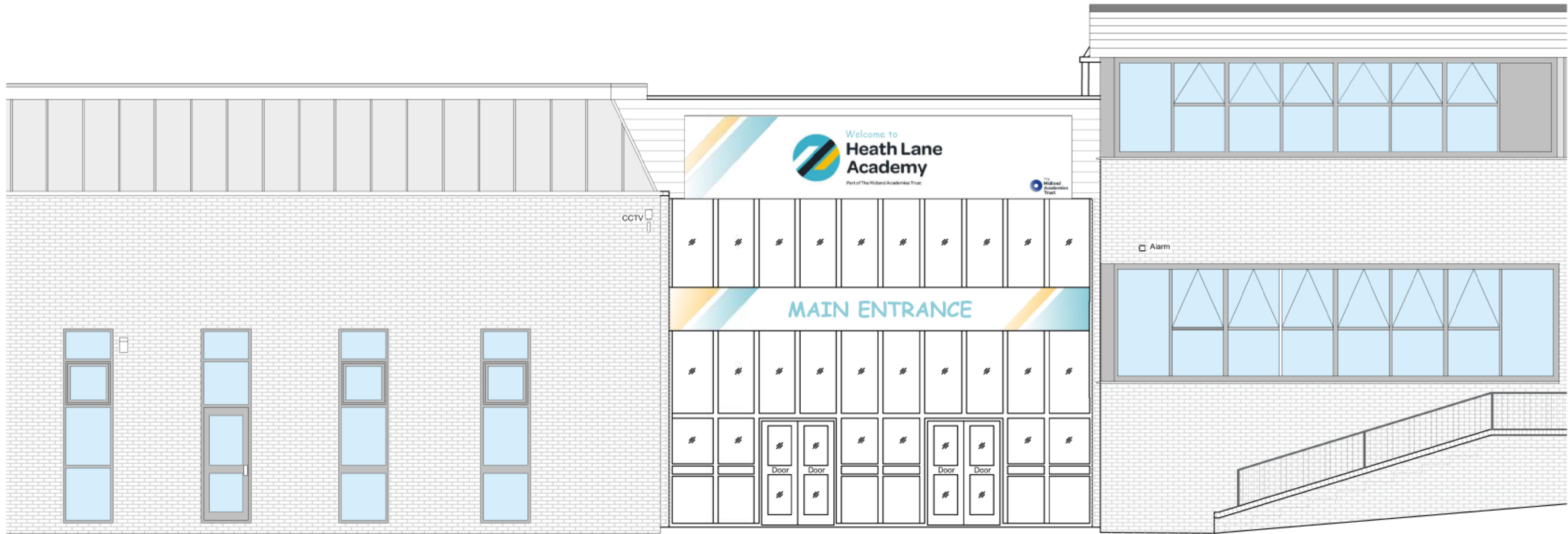
Project Title
HEATH LANE ACADEMY
NEW ENTRANCE SCREEN & SECURE
INTERNAL LOBBY

Drawing Title
PROPOSED GROUND & FIRST
FLOOR LAYOUT

Drawn PP Checked JM Scale 1:100 @ A2 Date Oct 2024

ARCHITECTURAL

Drawing Number P24713-BA-XX-GF-DR-A-2004 S1 P01
Project No P24-0713
Status Revision



Existing Elevation
(from measured building survey)



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ARCHITECTS, STRUCTURAL AND ALL OTHER SERVICES
DRAWINGS, SPECIFICATIONS AND SCHEDULES.

NOTES:

- ED01 New automatic powered sliding entrance doors
with motion detector activator.
ED02 New emergency door release break glass.
New automatic powered sliding exit doors with
motion detector activator.
New emergency door release break glass.

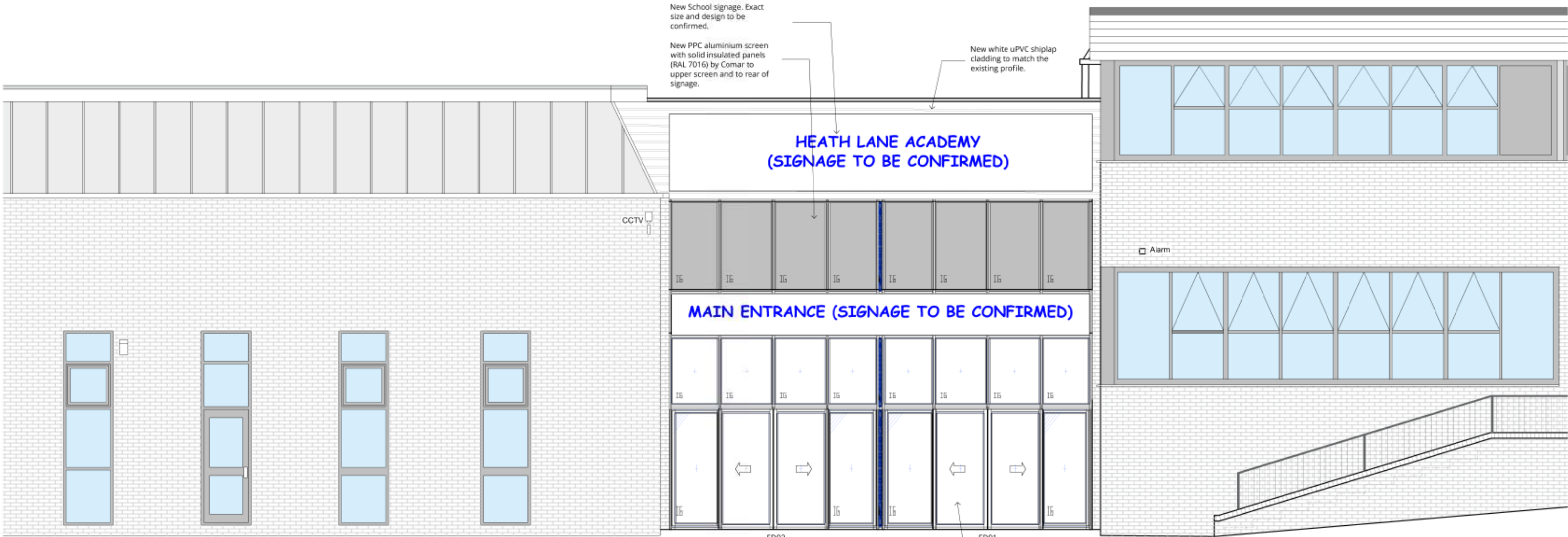
Window Walling and Entrance Doors

Please refer to the Comar drawings and specification
document.
For main entrance screen and upper screen use:
• Comar 5P1, 120mm, Ladder Frame High Performance
Framing System with Thermal Foam.
• 100mm wide section to allow for the pockets screens
to sit correctly see section detail drawing.
• Entrance Doors - Comar 7P1 CD (Auto Slide) Polyamide
Thermally Broken Door with pocket screens.
• Solid insulated panels to upper frame.
• Window walling and solid panel colour to be RAL 7016
(Anthracite Grey).

Please note: Glazing manifestation (two rows of 75mm
diameter solid white circles) to be provided to glazing to
comply with Part K of Building Regulations.

Signage

Two new school signs to be provided above top screen &
above glazing above sliding doors. Size and design of
screens to be confirmed.



Proposed Elevation
(from Comar specification drawing)

Drawing Status:			
PLANNING			
P01	Planning Issue	10.03.25	JW
Rev	Description	Date	By
 MAJESTY HOUSE, AVENUE WEST SKYLINE 120, BRAINTREE ESSEX, CM77 7AA T: 01279 647111 W: www.barker-associates.co.uk E: mail@barker-associates.co.uk			
Client			
UNITED LEARNING			
Project Title			
HEATH LANE ACADEMY NEW ENTRANCE SCREEN & SECURE INTERNAL LOBBY			
Drawing Title			
EXISTING & PROPOSED ENTRANCE SCREEN			
Drawn	Checked	Scale	Date
JW	JM	1:50 @ A1	FEB 2025
ARCHITECTURAL			
Drawing number			Project No:P14-0713
24713-BA-XX-ZZ-DR-A-2008 S1			Status Revision
			P01

0 0.5 1 1.5 2 3 4 Scale 1:50
5 (metres)