Siemens Healthineers UK

New Entrance and alterations internally to existing building, Northern Road, Sudbury

Design & Access Statement

July 2021

SIEMENS Healthineers

Roberts Limbrick ARCHITECTS

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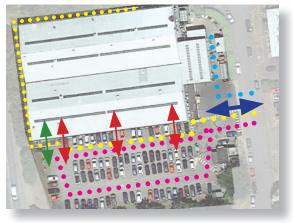

05: Access

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5.1 Access to and from the Site
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This Design & Access Statement has been prepared by **Roberts Limbrick Architects** on behalf of **Siemens Healthineers UK**

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Roberts Limbrick ARCHITECTS

SIEMENS Healthineers

01: Introduction

1.1 Purpose
1.2 Background
1.3 The Project Brief

01: Introduction

1.1 Purpose

This Design and Access Statement, prepared by Roberts Limbrick Architects on behalf of Siemens Healthineers UK, has been produced in support of a full planning application for the demolition of the existing lobby and canopy, and construction of a new extension with alterations internally to the existing building located at Chilton Industrial Estate, Northern Road in Sudbury, Suffolk.

The statement is intended to provide an overview of the proposed scheme and site, including the principles and concepts governing the design.

All drawings in this report are for illustrative purposes only.
The drawings which constitute the application will be submitted separately and should be referred to in all matters of record.

1.2 Background

This Planning Application seeks full planning permission for the demolition of the existing lobby and canopy, and construction of a new extension with alterations internally to the existing building located at Chilton Industrial Estate, Northern Road in Sudbury, Suffolk.

Siemens Healthineers is a worldwide leading medical technology company with over 120 years of experience and is connected to the larger corporation, Siemens AG.

At Siemens Healthineers UK and Ireland, the mission is to enable healthcare providers to increase value by empowering them on their journey towards expanding precision medicine, transforming care delivery and improving patient experience, all enabled by digitalising healthcare.

An estimated five million patients worldwide everyday benefit from their innovative technologies and services in the areas of diagnostic and therapeutic imaging, laboratory diagnostics and molecular medicine as well as digital health and enterprise services.

At Sudbury, Siemens Healthcare Diagnostics Manufacturing Limited design and assemble specialist instrumentation for laboratories and hospitals around the world to do quick blood and urine analysis. They are responsible for the manufacturing of blood gas consumable cartridges, reagents and sensors along with all support services.

The existing building consists production areas with laboratories and research areas on ground floor with first floor offices.

1.3 The Project Brief

The clients brief for this project is to:

- create a high quality entrance / reception environment
- create a visitor centre

02: Context

2.1 Site Location
2.2 Site Access
2.3 Site Photographs
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2.5 Surveys
2.6 Site Characteristics
2.7 Existing Building: Ground Floor
2.8 Existing Building: First Floor
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02: Context

2.1 Site Location

The application site is located on the popular and esblished Chilton Industrial Estate on the North East side of Sudbury on Milner Road. The site is situated on the A134 Eastern bypass and close to the town centre.

Sudbury is located North West of Colchester, south of Bury St Edmunds and close to the county town of Ipswich. The East coast ports of Harwich and Felixstowe, the M11 and M25, with Cambridge and Stansted airport both within close proximity.

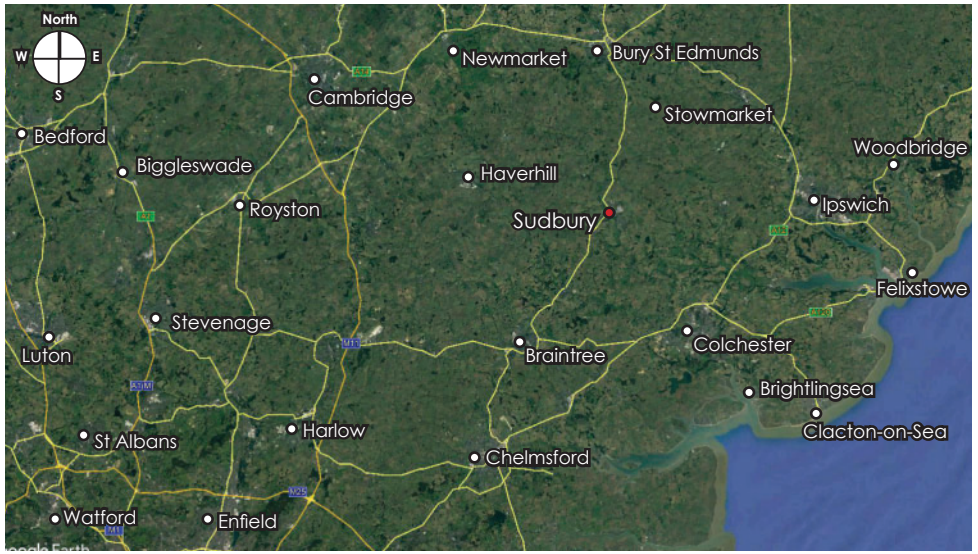
The site is identified in red on the adjacent aerial images and on the accompanying Planning Application drawings.

2.2 Site Access

The site is located fronting on to Northern Road, which is the central spine road to the Chilton Industrial Estate, and forms part of the town's Northern by-pass. The site have good access to the local and regional road network by virtue of being only 0.4 miles from the A134 Northern Road, which in turn provides excellent access to the wider regional road network.

The site have good access in terms of road links, pedestrians, cyclists and buses. Visitors and staff enter via Milner Road off the A134 (Northern Road) to designated parking in front of the building.

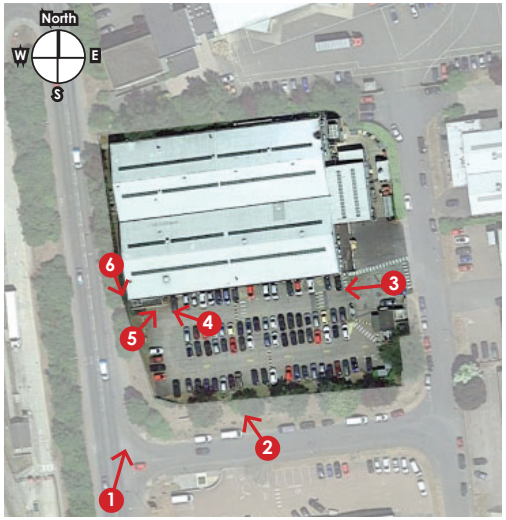
Aerial view of the proposed site in the context of the immediate area



Aerial views showing the location of Sudbury and proposed site

2.3 Site Photographs

The photos below provide some key views of the existing site. The existing single storey entrance and canopy will be demolished.



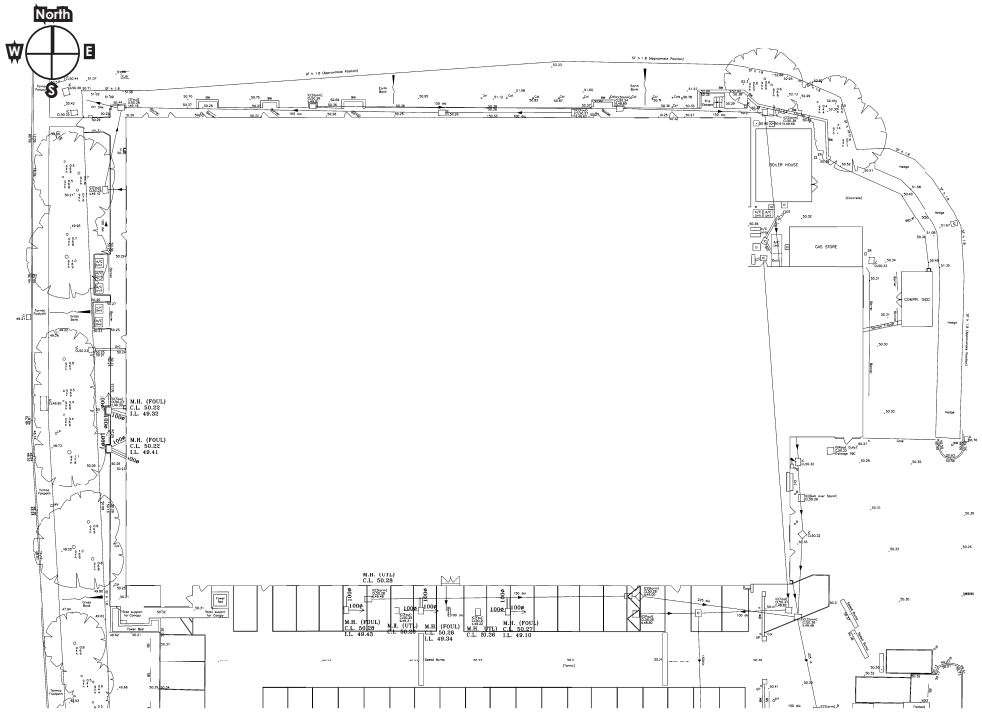
Photograph Key

2.4 Ownership, Restrictions & Use

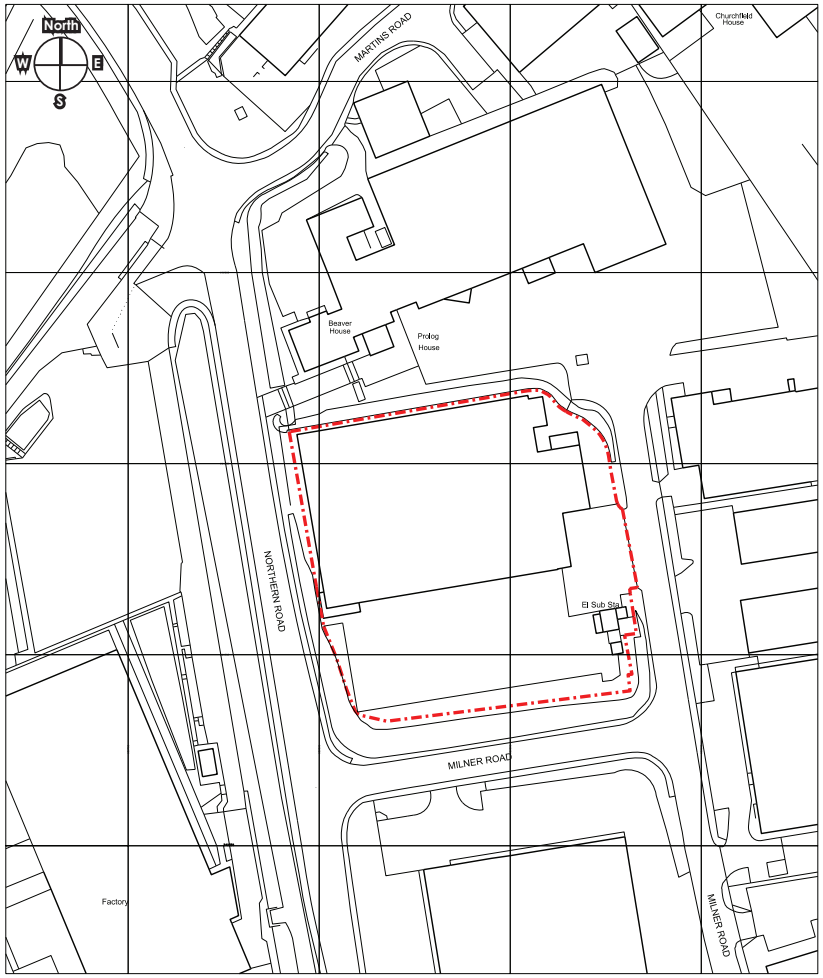
The extent of the site ownership is as clearly indicated on the submitted Planning Application Site Location drawings. The site is currently occupied, it is an employment site. All works will be contained within the site boundaries.

2.5 Surveys

A topographical survey of the site and building of the existing building has been commissioned and produced and has been submitted as part of this Planning Application. This survey forms the basis for the submitted drawings.



Topographical Survey (not to scale)



Location Plan (not to scale)

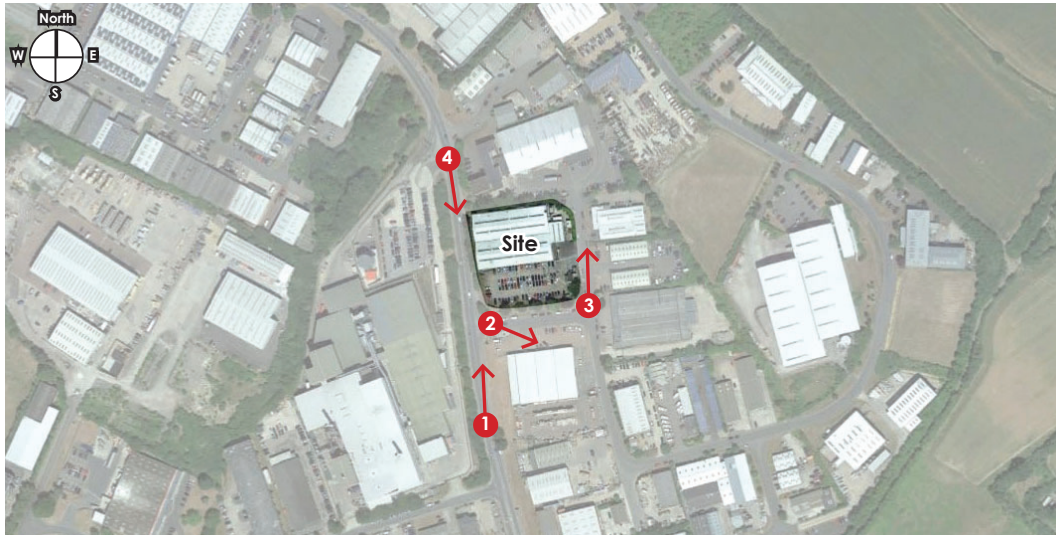
2.6 Site Characteristics

The proposed site forms part of a larger mixed-use area, which generally has a commercial / industrial purpose. The site comprises a production building with laboratory and research area on ground floor, and first floor office facilities together with car park surrounded by grassed areas, planted shrubs and trees.

The existing hedgerows form the North site boundary and beyond the vegetation is an industrial unit. To the South and East the site is bounded by Milner Road with industrial units beyond. Immediately West of the site, existing hedgerows, separating the site from a Northern Road (A134).

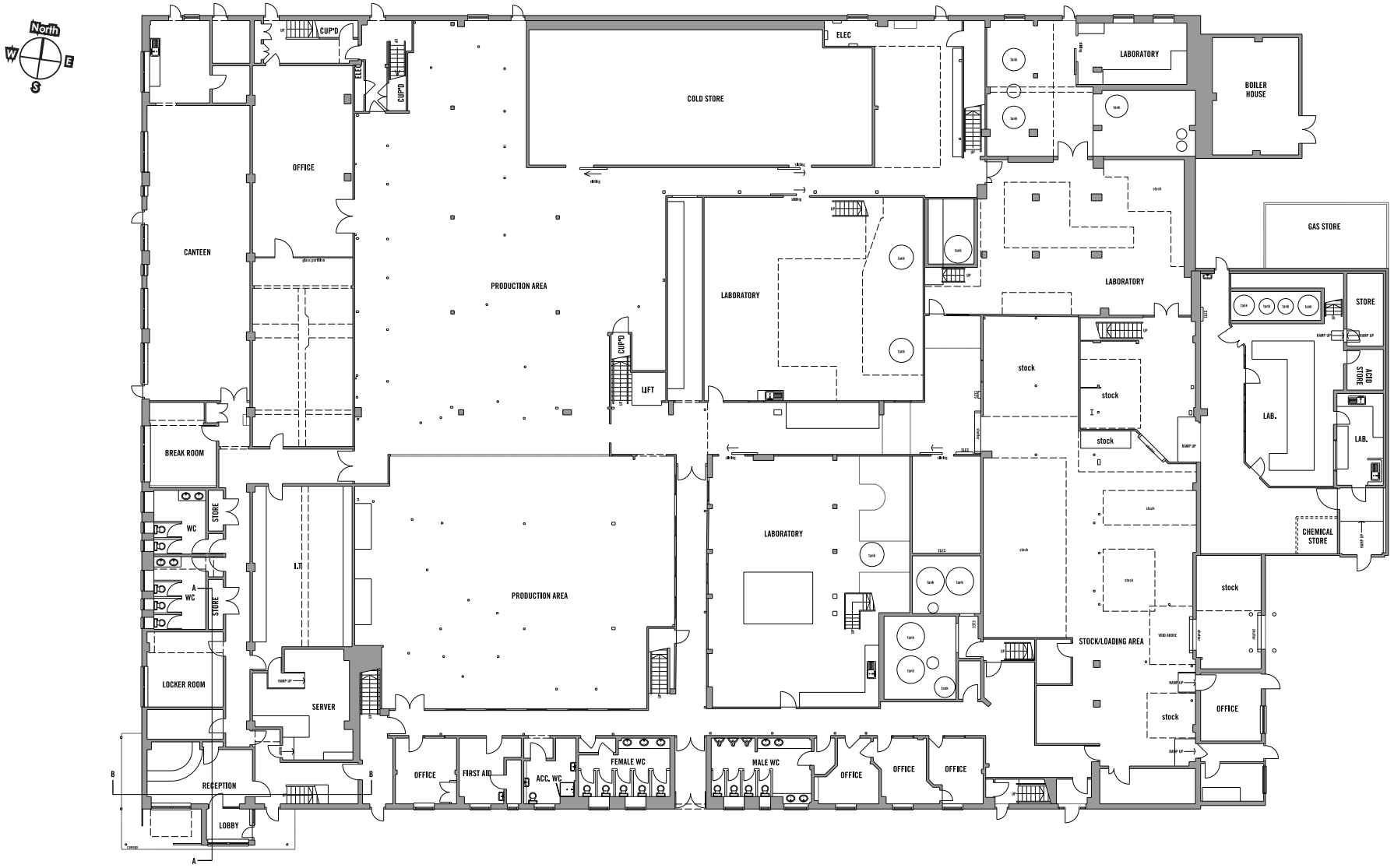
The site does not lie within a Conservation Area, nor does it contain any listed buildings or structures.

The proposed site is within flood zone 1 and therefore deemed not at risk of flooding.



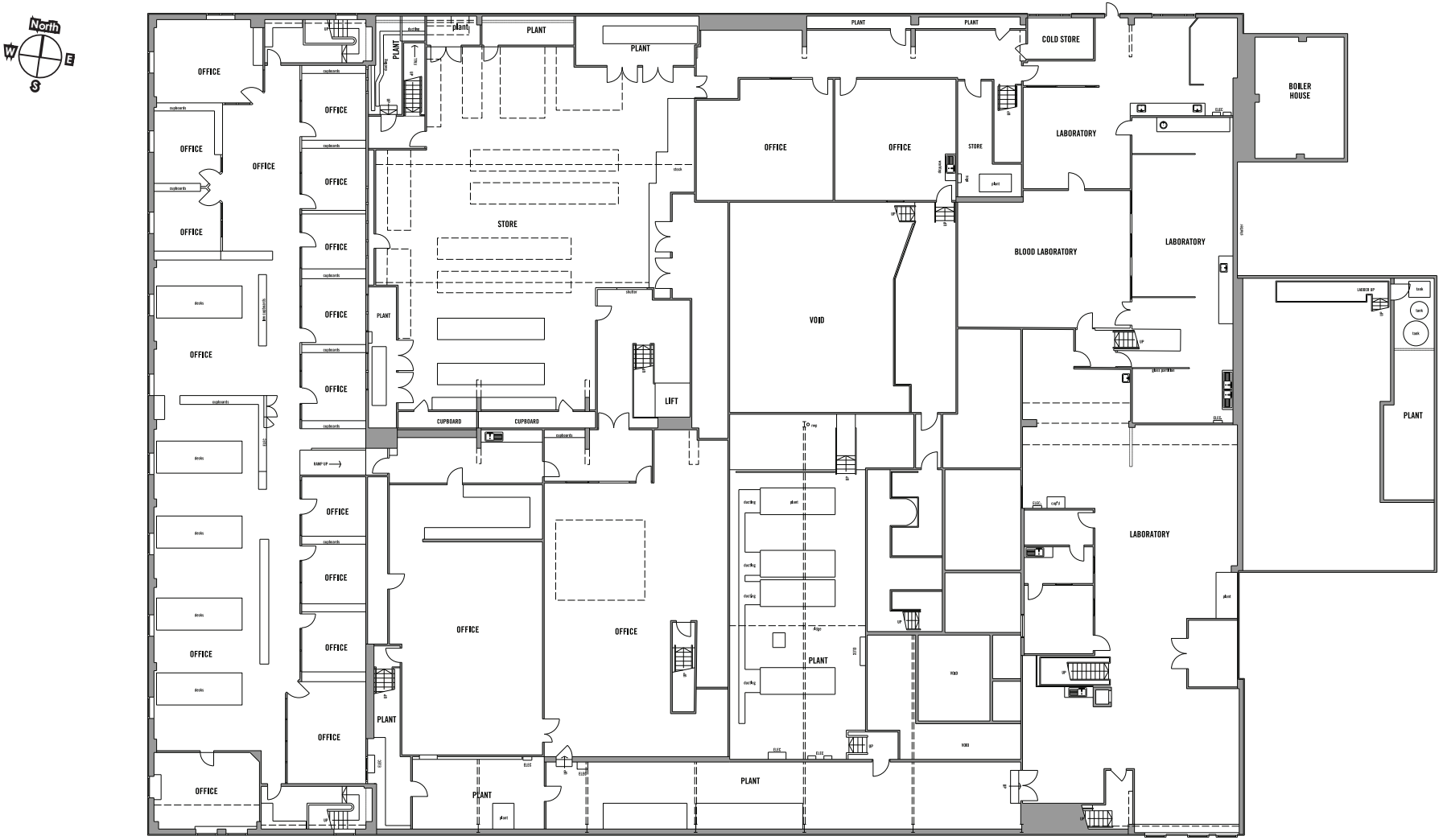
Photograph Key

2.7 Existing Building: Ground Floor



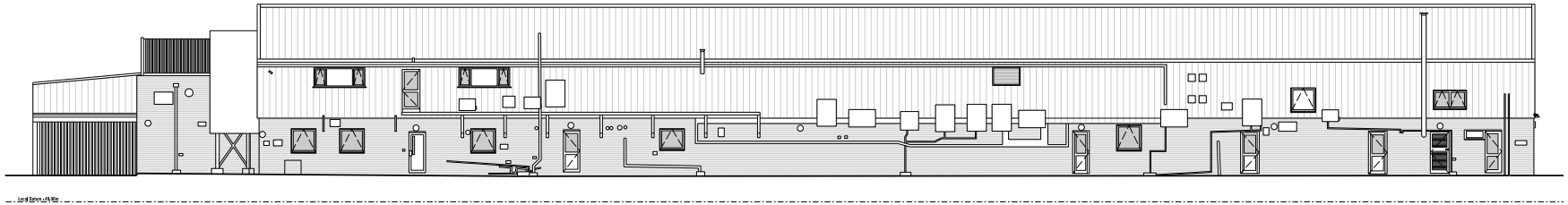
Existing Ground Floor Plan (not to scale)

2.8 Existing Building: First Floor

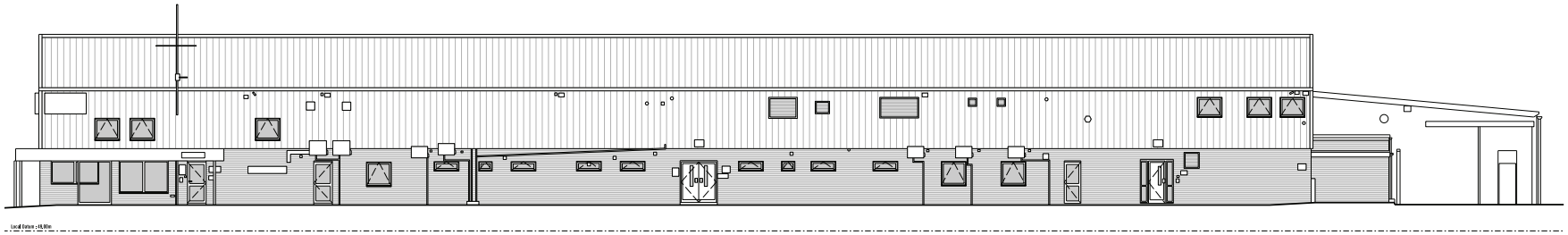


Existing First Floor Plan (not to scale)

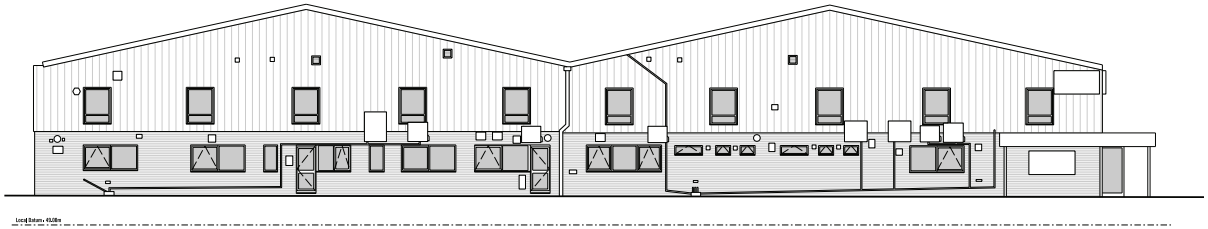
2.9 Existing Building: Elevations



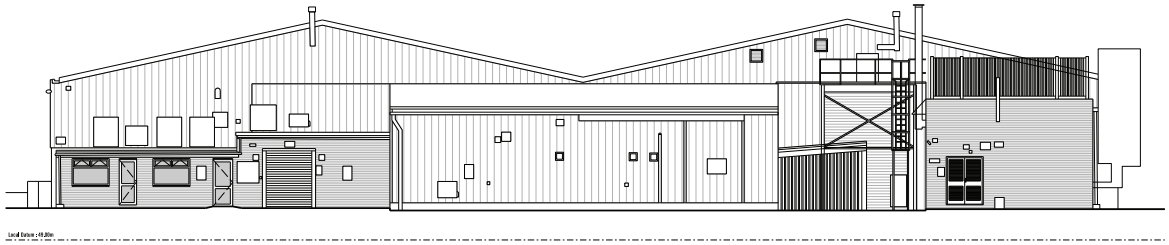
Existing North Elevation (not to scale)



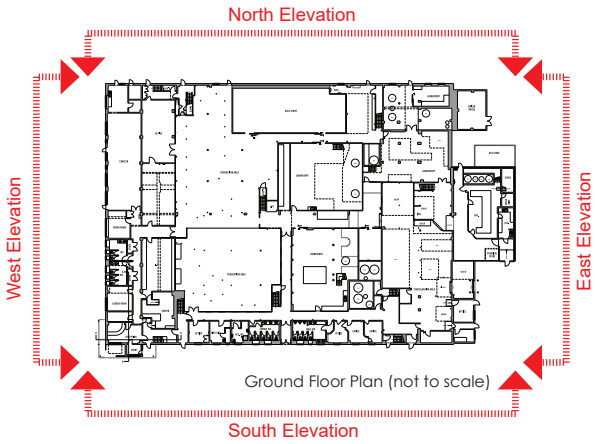
Existing South Elevation (not to scale)



Existing West Elevation (not to scale)



Existing East Elevation (not to scale)



03: Design: Proposed

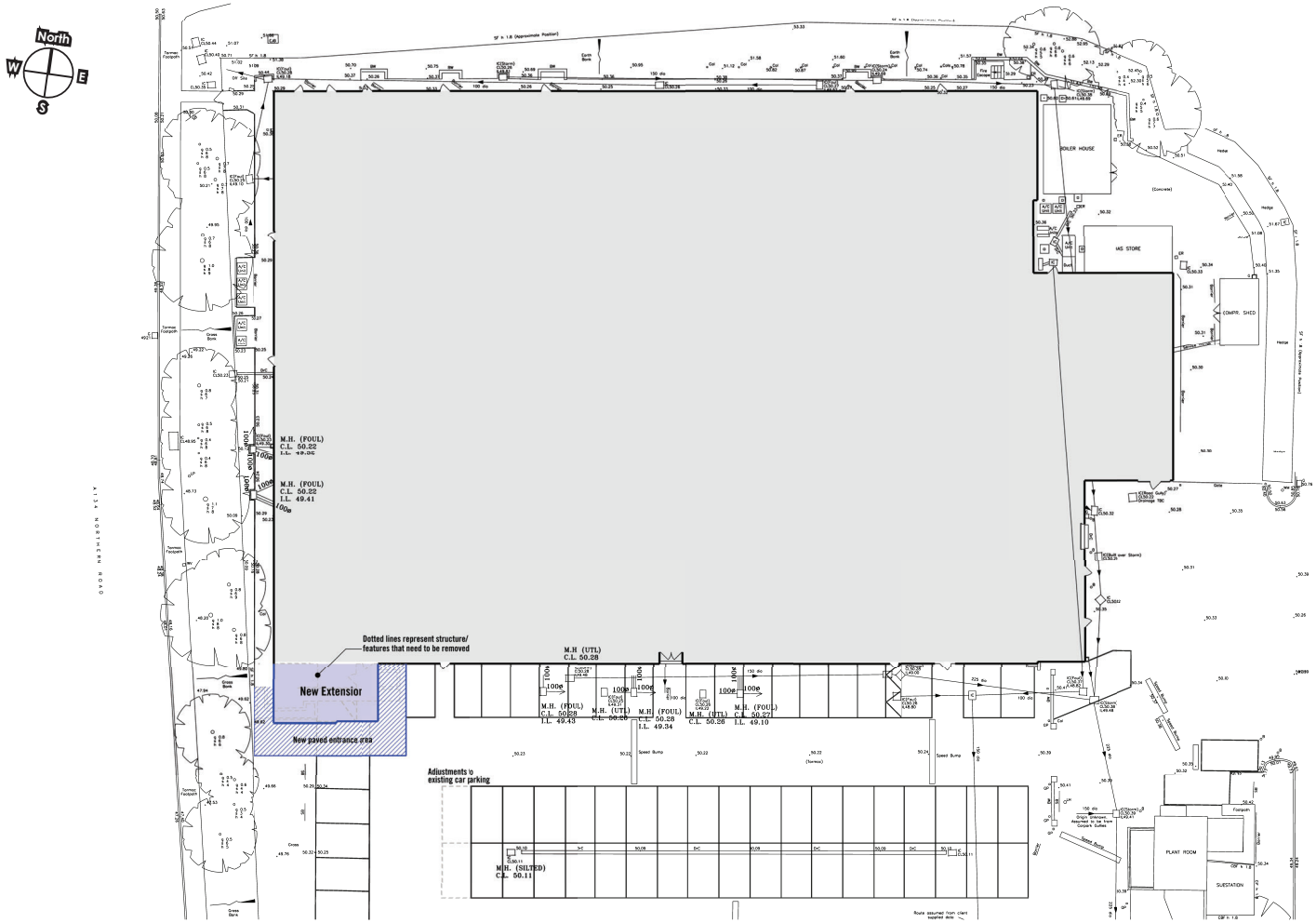
3.1 Proposed Layout: Site
3.2 Proposed Layout: Ground Floor
3.3 Proposed Layout: First Floor
3.4 Proposed Layout: Enlarged Floor Plans
3.5 Elevations Treatment, Massing and Form
3.6 Proposed Elevations
3.7 Enlarged Proposed Elevations
3.8 Proposed 3D Visualisations

03: Design: Proposed

3.1 Proposed Layout: Site

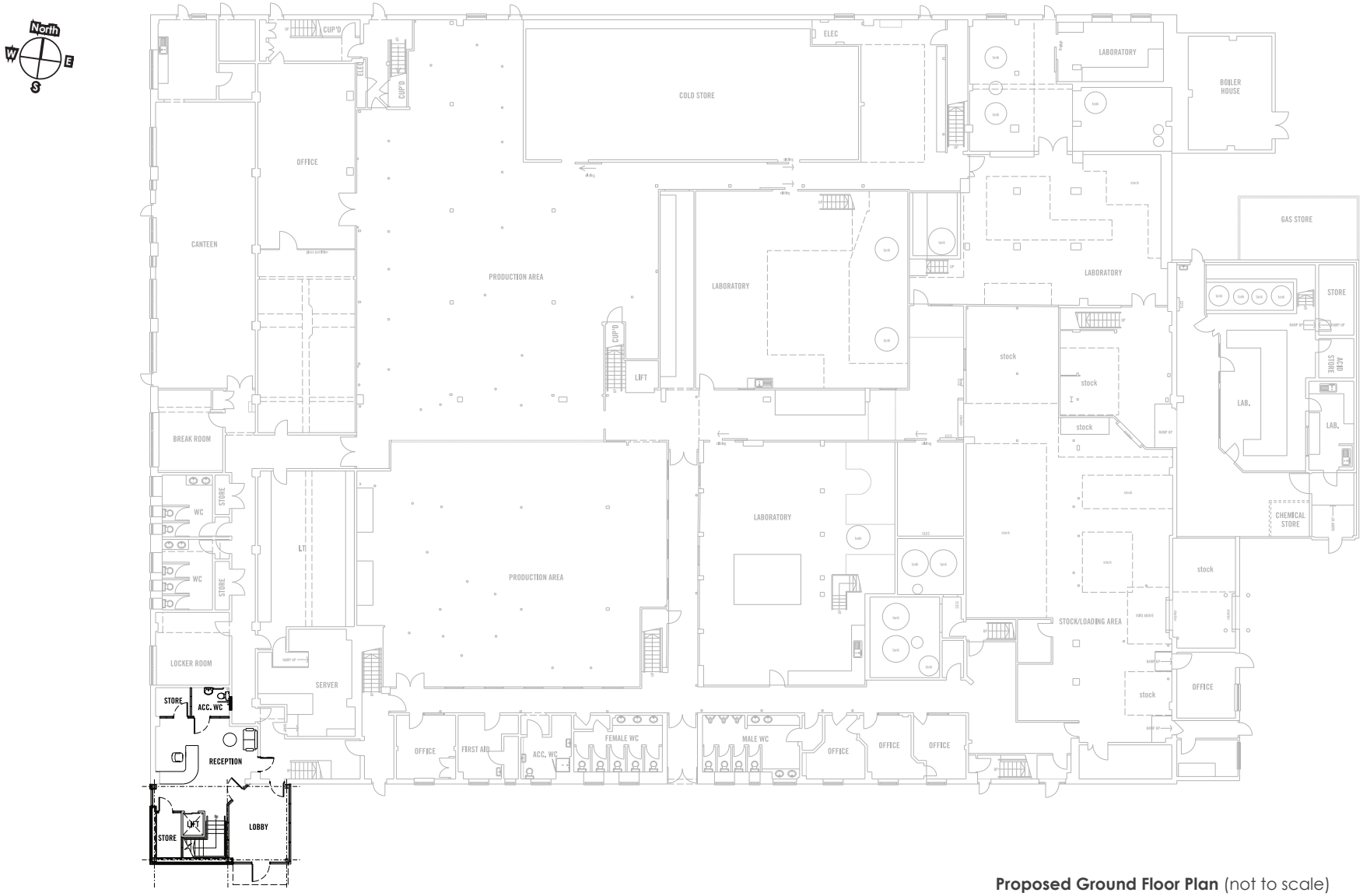
The development will result in no changes to the existing access & egress to the site off the public highway neither will there be any major changes to the car parking areas with exception of the loss of 2 spaces to enable the extension to be constructed.

Please see the accompanying drawings for further details.



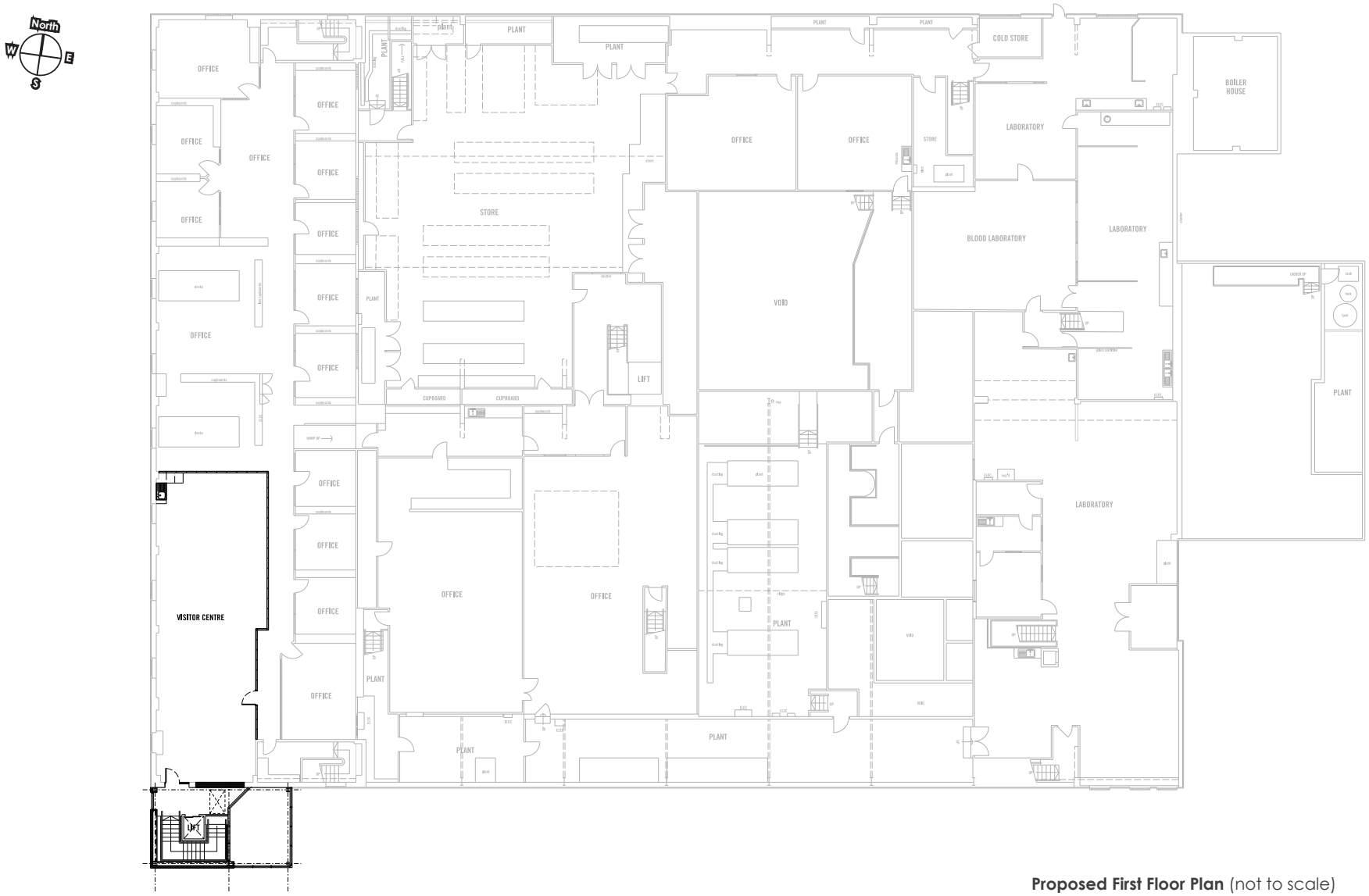
Proposed Site Plan (not to scale)

3.2 Proposed Layout: Ground Floor



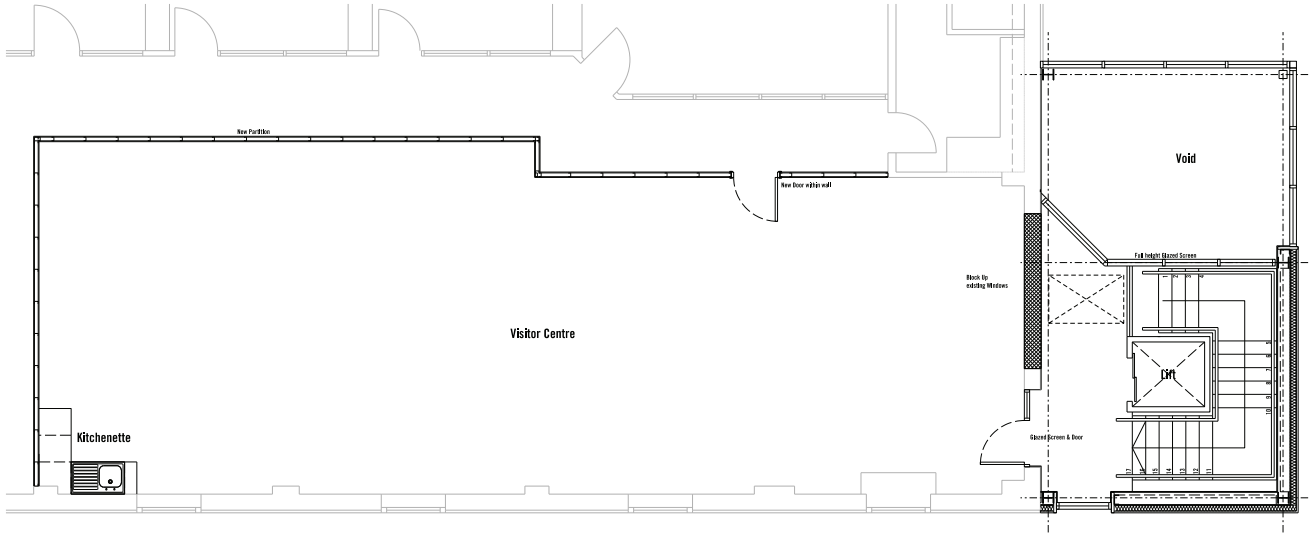
Proposed Ground Floor Plan (not to scale)

3.3 Proposed Layout: First Floor

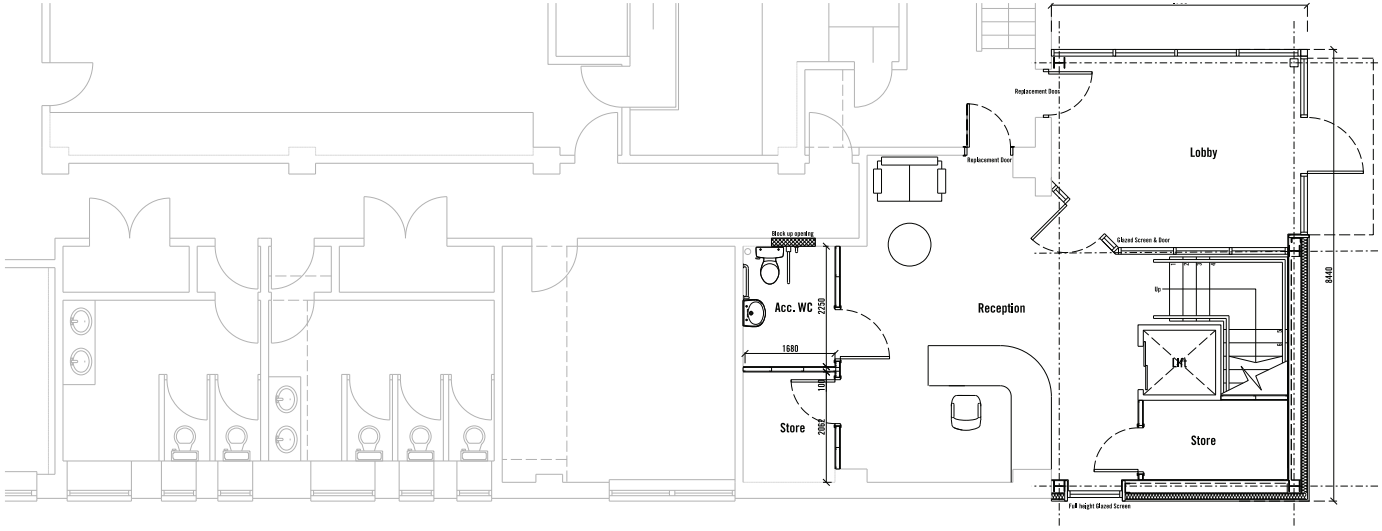


Proposed First Floor Plan (not to scale)

3.4 Proposed Layout: Enlarged Floor Plans



Proposed First Floor Plan (not to scale)



Proposed Ground Floor Plan (not to scale)

3.5 Elevational Treatment, Massing and Form

Our approach has been to seek to develop an attractive, modern building with the necessary associated facilities and parking to 'tie in' to the surrounding area.

The form, shape and overall massing are all a product of the functional requirements. The proposed extension features a simple palette of materials that has been carefully chosen to relate to the architectural language and will provide a high quality finish that can be maintained for years to come.

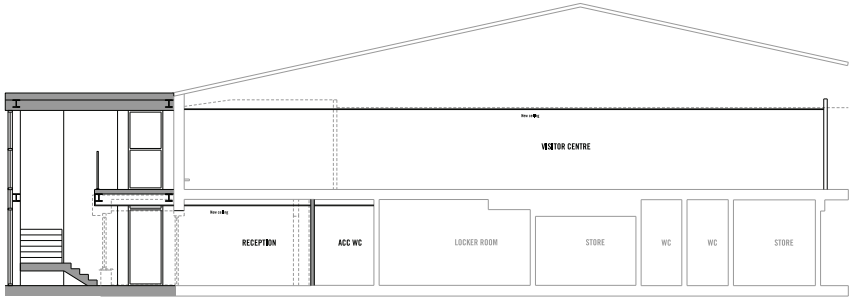
The materials selected for this extension are:

1 - Blue / Grey engineering brick
2 - Horizontal Microrib cladding. Colour coated in HPS 200 Ultra Anthracite (RAL 7016)
3 - Pressed metal flashing - Prisma Anthracite (RAL 7016)
4 - Double glazed curtain walling System. Frame in Anthracite grey (RAL 7016)
5 - Glazed canopy

Proposed South Elevation

Proposed East Elevation

Proposed West Elevation

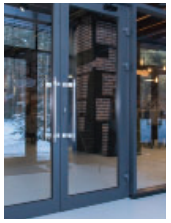


Proposed Section

Grey brickwork

Horizontal composite cladding panel

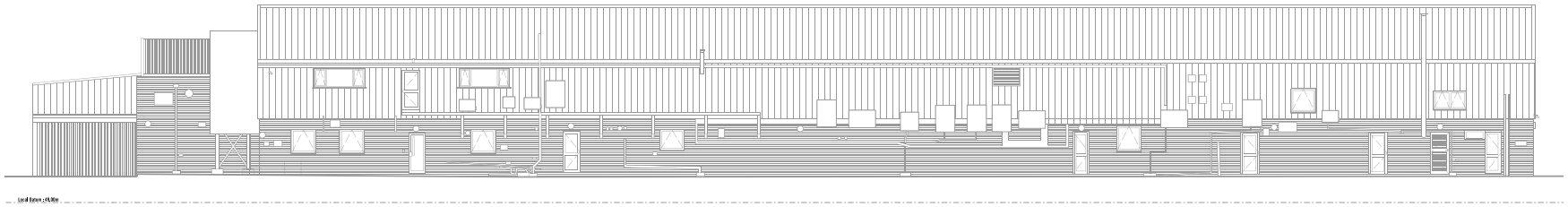
Pressed metal flashing



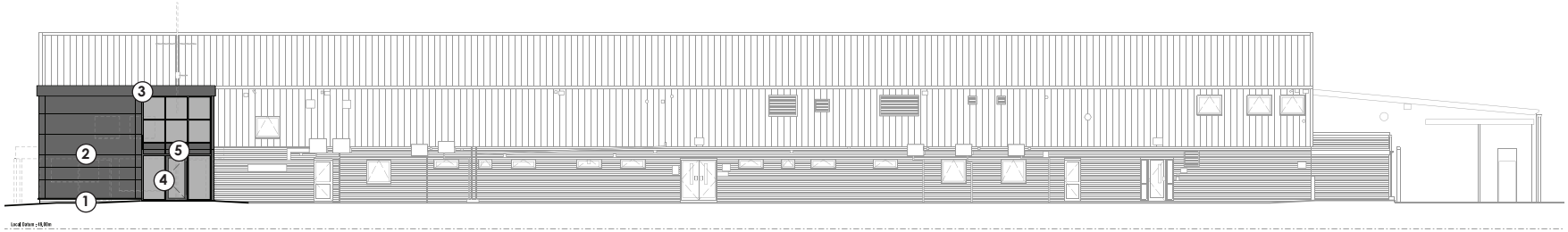
Double glazed curtain walling system

Glazed canopy

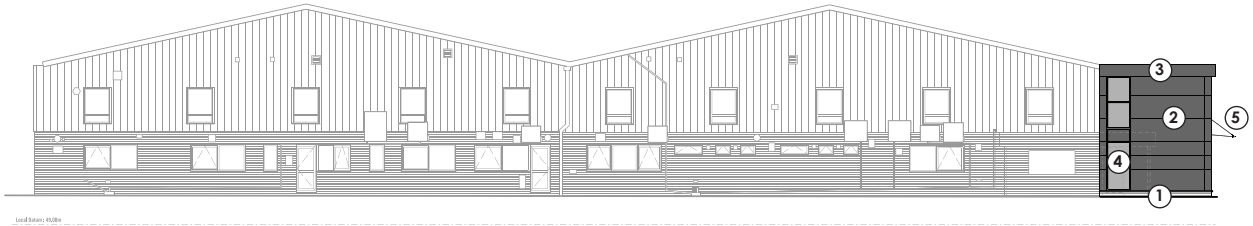
3.6 Proposed Elevations



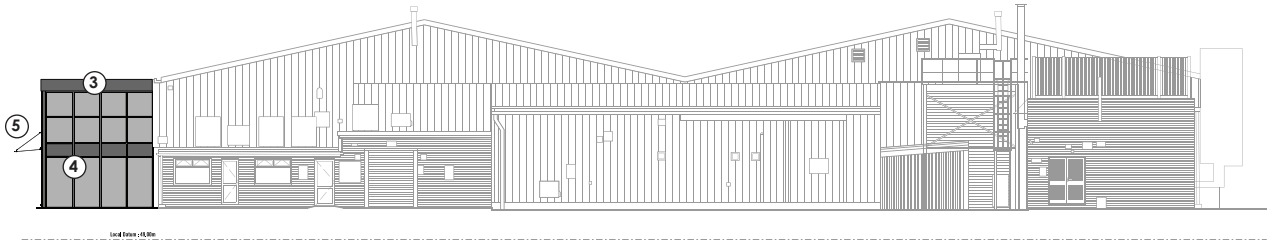
Existing North Elevation (not to scale)



Proposed South Elevation (not to scale)



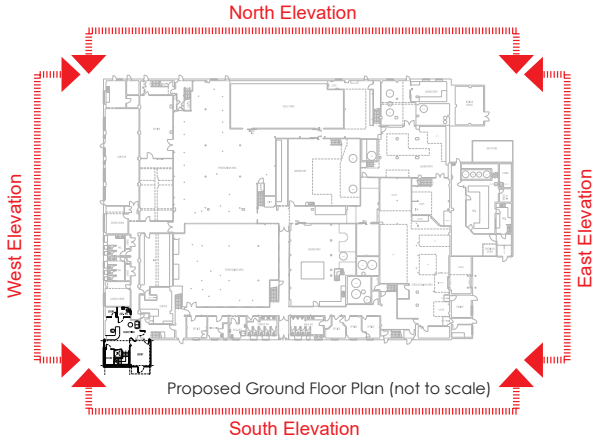
Proposed West Elevation (not to scale)



Proposed East Elevation (not to scale)

Materials Key

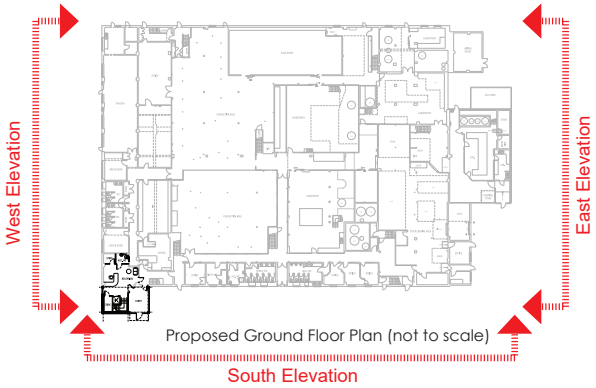
1 - Blue / Grey engineering brick
2 - Horizontal Microrib cladding. Colour coated in HPS 200 Ultra Anthracite (RAL 7016)
3 - Pressed metal flashing - Prisma Anthracite (RAL 7016)
4 - Double glazed curtain walling System. Frame in Anthracite grey (RAL 7016)
5 - Glazed canopy



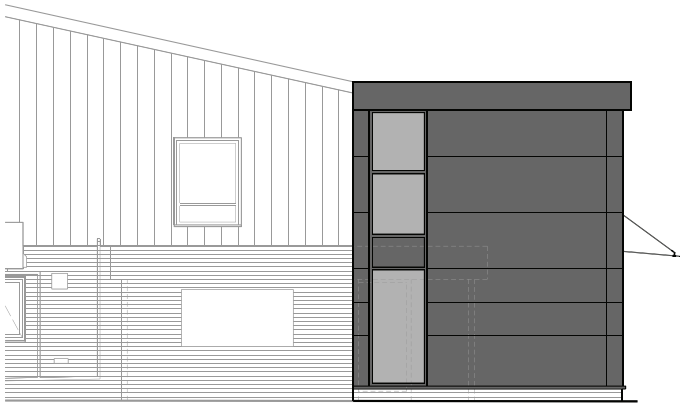
Proposed Ground Floor Plan (not to scale)

3.7 Enlarged Proposed Elevations

Proposed South Elevation (not to scale)

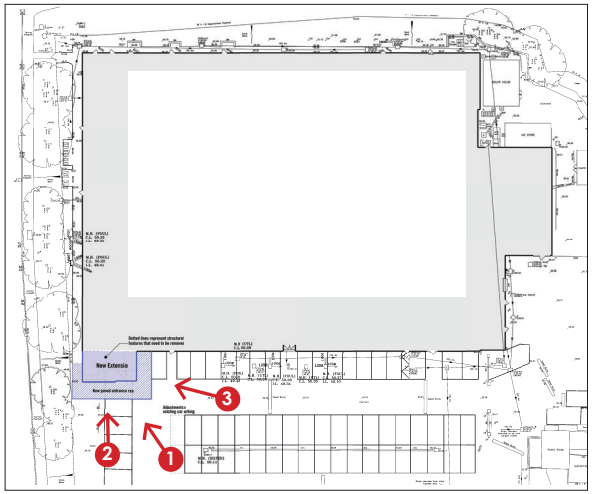


Proposed East Elevation (not to scale)

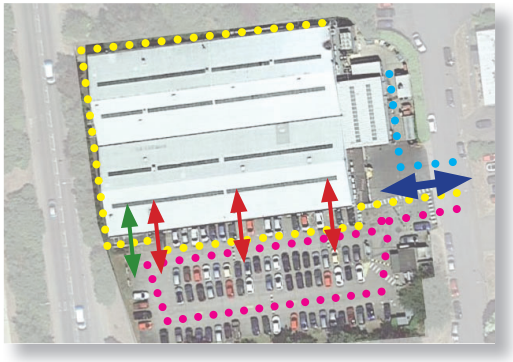


Proposed West Elevation (not to scale)

3.8 Proposed 3D Visualisations



Key Plan - Site Plan (not to scale)



05: Access

5.1 Access to and from the Site
5.2 Access to the Development

05: Access

5.1 Access to and from the Site

The existing vehicular access into the site is via Milner Road off the A134 (Northern Road) to designated visitors / employees car parking in front of the building.

The site have good access in terms of road links, pedestrians, cyclists and buses.

The development will result in no changes to the existing access & egress to the site off the public highway neither will there be any major changes to the car parking areas with exception of the loss of 2 spaces to enable the extension to be constructed.

Within the site the pedestrian routes are well defined and delineated from vehicular routes.

5.2 Access to the development

The design will meet all current regulations and good practice standards, being fully compliant with Approved Document Part M, in order to provide a safe, secure and fully accessible environment to serve all users.

Please see the accompanying drawings for further details.

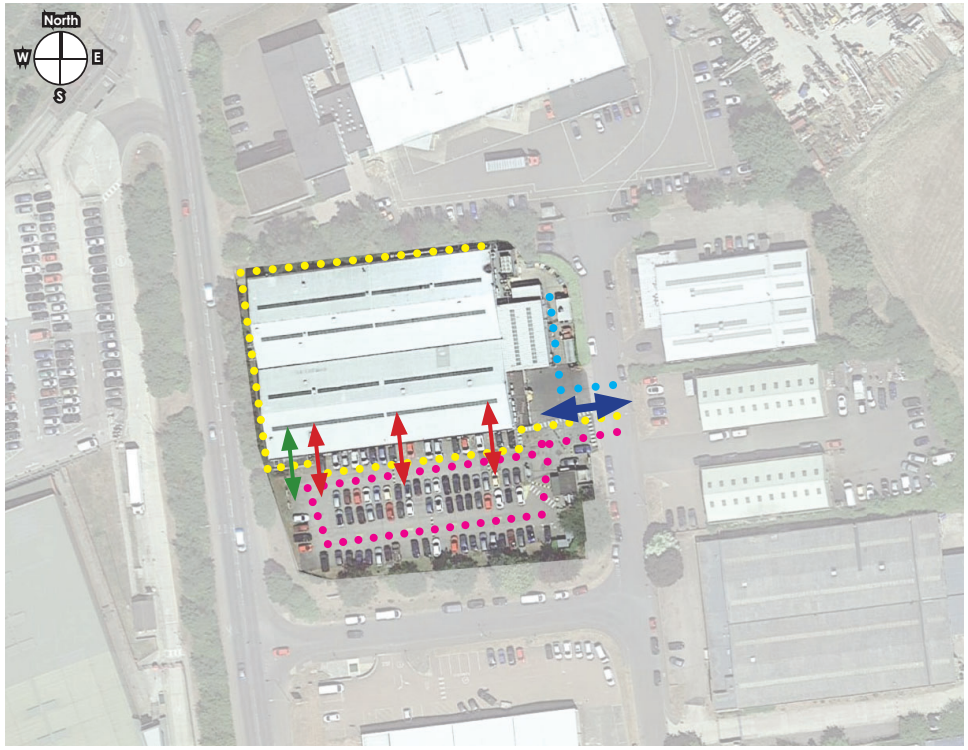


Diagram showing access and movement

Key

- Vehicular access/routes
- Deliveries access/routes
- Pedestrian access/routes
- Site access
- Main entrance
- Fire escape route

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