

# SGP

Architects + Masterplanners



## Symmetry Park, Oxford Response on Crime Prevention

August 2023



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## 1. Introduction

This document has been prepared to demonstrate how the proposed development for Symmetry Park, Oxford can create accessible and safe environments, including addressing crime and disorder and fear of crime.

These principles have been encompassed throughout the design process to date, and balanced to meet the operational requirements of Siemens Healthineers for their new high quality combined research, development and production facility. The site will benefit from 24/7 security, CCTV, and controlled and segregated access arrangements for staff, visitors and deliveries. The entrance and approach must deliver a high quality and welcoming environment for such a leading facility, and this has been achieved through a carefully considered landscaping strategy that provides both a security and amenity function.

## 2. Car Parking / Site Security

### 2.1 Car Park and Pedestrian Access

#### Boundaries

The car park boundaries are set as an open swale to the north east, secure service yard to the north west and the A41 and diverted watercourse to the south east, for general definition with CCTV to be installed to BS EN 50132-Y 2012 + A1:2013. A 2.4 metre paladin fence will be provided to external yard areas. Siemens Healthineers (SH) brief requires as a soft landscape car park with a corporate and brand sensitive sense of arrival. A fenced car park would significantly detract from the intended sense of place and identity. The soft landscaping has been designed to protect the unfenced areas.

# Symmetry Park, Oxford

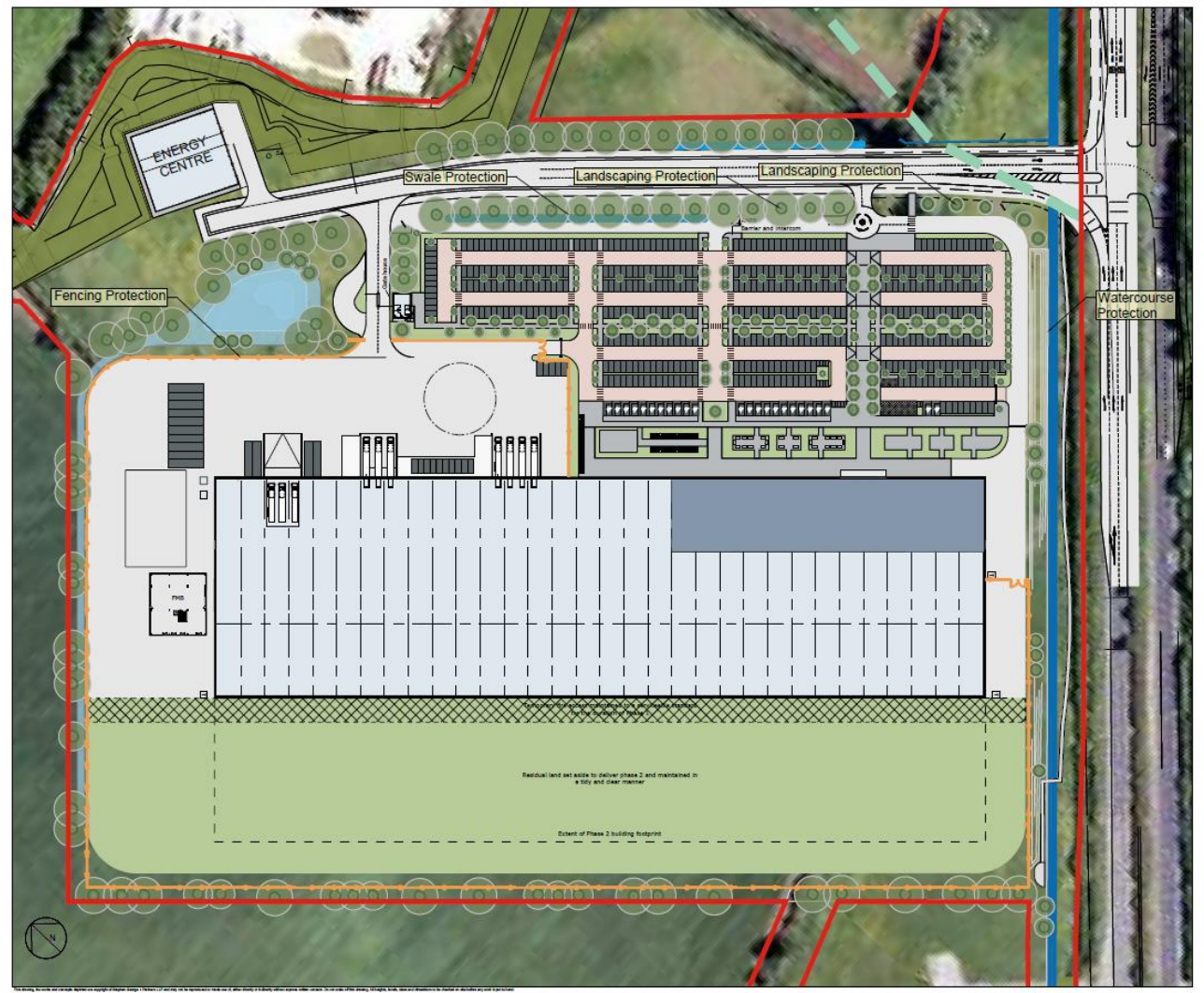


Photo 1 – Protection plan

## Formal surveillance in a rural setting

To mitigate the risk of trespassers, intruders and other crime and disorder SH will install a CCTV system. The CCTV system should be installed to their operational requirement, under the recommendations of BSEN 50132-7:2012 (CCTV Surveillance Systems for use in Security Applications) to be operated under guidance within BS7958:2009 (CCTV Management and Operation Code of Practice)

If remotely monitored off site, this should be done within the guidance of BS8418:2010 (CCTV Systems Code of Practice).

A secondary (landlord) CCTV system to monitor the entrance and remainder of the development. This will be in accordance with BS EN IEC 62676. The camera's will be suitable for low light and provide coverage 24 hours 7 days a week on top of anti-climb columns. Recordings shall be available for 28 days.

The developer and occupier will actively support the authority with their investigations.

## **Lighting**

Lighting of all roads, footpaths and parking areas will be agreed by condition and should be lit to the relevant section of BS 5498-1:2013.

## **2.2 Vehicular Access**

### **Boundaries**

The car park boundaries and landscape treatment will make entry difficult to the carpark by any means other than the designed access points that are protected by site security operated manually raised arm barriers with creep protection. The north east boundary landscape treatment includes tree planting that will provide a dense mass canopy once matured, in addition there will be an open swale with proposed wetland grasses. The south eastern boundary to the A41 is protected by a diverted watercourse and proposed species rich meadow grass.

### **Raising Arm Barriers**

The barrier installations to the proposed carpark will be accompanied by some form of access control system such as GSM intercoms, proximity card sensors, keypads, ANPR or ground loops.

### **Emergency Vehicles**

The drop off and mini bus parking point is eligible for emergency service use given its proximity to the building entrance.

### **Yard Access**

Vehicle barriers prevent access into the yard with a vehicle return loop to divert unwanted traffic.

## **2.3 Waste Compound**

The waste compound is located at the north of the site and away from the A41 access road. The compound will be securely locked and hidden by the building footprint within the fenced yard.

## **3. Intruder Access**

### **Windows, doors and glazing**

MOE doors need to be designed to comply with Part B of the Building Regulations to include door width, exit position to the external realm that must be safe and provide escape away from the building and opening direction. Manual personnel doors to be provided with single point hook-locks with euro profile cylinders.



Automatic personnel doors to be provided with manually operated locking hardware.

Production Hall personnel escape doors and LAD industrial doors are not externally accessible

Any glazing below 2.4 meters should incorporate a pane of 6.8mm laminate externally, or alternatively glass meeting requirements of BSEN 356:2000 category P1A

Automatic venting openings should be located above 2.4 meters in height.

Internal door sets will be fitted with locking furniture for advanced security.

## **Intruder/distress alarms**

Should the user profile necessitate part or full alarm provision, it should be installed by a specialist contractor registered with a UKAS approved third party inspectorate, linked to secure off site monitoring and compliant with the latest National Police Chiefs Council alarms policy.

## **Roof access**

Roof access is only achieved from inside the building via an internal staircore and CAT ladder within the controlled Production Hall. – refer to the roof plan for more details.

## **4. Energy Centre**

The Energy Centre is a facility entirely separate to SH building and as such cannot be demised within their boundary. However, it is bound by walls that are 4m high which are formed with metal cladding.

## **5. Cycle Parking**

The cycle shelters are positioned in front of the office which has a continuously glazed ground floor providing good surveillance and a sense of overlooking. They are positioned within an active frontage, adjacent to the service yard in a location that will be surrounded by operational activity.

Falco cycle storage or equivalent is specified on the application drawings. All Falco products are robust to give years of service and high resistance to vandalism. All steel components are hot-dip galvanised to BS 1461 providing high corrosion resistance. Falco products are CE marked shelters and canopies which meet the UK CPR EN1090 regulations and DDR compliant products.

## **6. Mail Delivery**

Outside of staffed reception hours mail deliveries will be catered for either with a robust external post box or, where through the wall delivery is proposed, into a secure internal letter box with fire retardation and anti-fishing attributes.

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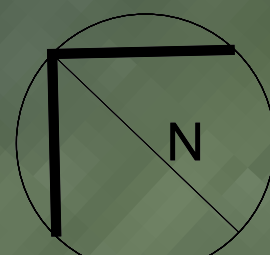
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