

# SGP

Architects + Masterplanners



## Symmetry Park, Oxford

### Response on Crime Prevention

8th June 2022



## Contents

<b>1.</b>	<b>Introduction</b>	<b>3</b>
<b>2.</b>	<b>Car Parking / Site Security</b>	<b>3</b>
2.1	Car Park and Pedestrian Access	3
2.2	Vehicular Access	4
<b>3.</b>	<b>Intruder Access</b>	<b>4</b>
<b>4.</b>	<b>Energy Centre</b>	<b>5</b>
<b>5.</b>	<b>Cycle Parking</b>	<b>5</b>
<b>6.</b>	<b>Mail Delivery</b>	<b>5</b>

## **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. There is no intent to form a secure fence line around the car park as it would detract from the design intent. Siemens Healthineers (SH) brief requires as a softly 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.

#### **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 the 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).

#### **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 raising arm barriers. 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.

## 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.

Notwithstanding, All openings, doors, windows and shutters, which are at ground floor level or are easily accessible, should be certified to one of the following third party security standards and levels, or an alternative equivalent :-

Loss Prevention Certification Board LPS 1175 level C5.

Exova/Warrington Laboratories STS 201/202/203/204 level BR2.

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

Any framed system which falls out of the scope of third party testing should be specified as to be constructed from a profile and component parts which form part of one of the above approved third party accredited security schedules.

Any clamped glazed system should have glass retained by the use of security tape or a security sealant/gasket.

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

Level Access and doc doors will meet minimum standards of LPS 1175 Issue 7 SR 1. Doors that permit vehicular entry into the building, will be certificated to a minimum LPS 1175 Issue 7, Security Rating 2 or, STS 202 Burglary Resistance 2, Sold Secure Gold

**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.

**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

**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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