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HEALTH & SAFETY LABORATORY

EMERGENCY EXIT

Design & Access Statement

Submitted in support of planning application for the proposed Emergency Exit

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HEALTH & SAFETY LABORATORY

PROPOSED HSL EMERGENCY SITE EXIT
DESIGN & ACCESS STATEMENT

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1. Project Background

The Health and Safety Laboratory (HSL) carry out incident investigation and root cause analysis not only in support of the Health and Safety Executive (HSE) but also other public and private sector organisations.

The HSL have reviewed their traffic management and security strategy and concluded that there is a need for a new emergency exit for staff and their vehicles from site located at a safe distance from the existing gate house.

The proposed 4m wide road will be located to the east of the site ring road. It will extend for approximately 50m and join the access road to the higher units within Harpur Hill Industrial Estate. The road will allow safe exit from site during high level security alerts. The road is designed for the use of cars and light commercial vehicles only. Any heavy goods vehicles would remain on site until the security alert has finished.

2. The Site

The site is located between the HSL internal ring road and Harpur Hill Industrial Estate. The location and proposed details are shown on the submitted drawings. The proposed site area is shown on P2005285(0-)AP100 Site Location Plan Rev -.

The neighbours that are adjacent to, and will be directly affected by the proposed work are the high units on Harpur Hill Industrial Estate.

Availability of vacant land:

- The HSL previously commissioned the Derbyshire Wildlife Trust (DWT) to carry out an ecological assessment of the HSL estate. The site is located in an area described by the DWT as "species poor neutral grassland, with low nature conservation value, with no Priority UK BAP Habitats and no Peak District Local BAP Habitats".

- This land is a grassed area which has previously been landscaped with the demolition waste from the original building knocked down during the construction of the Main Building.

3. Use

The proposed emergency exit will improve the site security. It will only be used occasionally, having minimal impact on neighbours on Harpur Hill Industrial Estate.

4. Layout

The proposed emergency exit will be between the HSL internal ring road and Harpur Hill Industrial Estate.

The levels have been determined by the existing road gradients and cross falls.

A new gate, details to be confirmed by the HSL, will be provided within the existing external security fence.

5. Scale

Please see the following submitted drawing for the overall layout.

- P2005285 (95) CP102 Rev D. General Arrangement.
- P2005285 (95) CP104 Rev C. P P C Kerb Types & Road Markings.
- P2005285 (95) CP106 Rev B. Proposed Drainage Layout.
- P2005285 (95) CP108 Rev C. Swept Path Analysis 7.5t Panel Van
- P2005285 (95) CD100 Rev B. Proposed Pavement Construction & Standard Details.
- P2005285 (95) CD101 Rev B. Typical Cross Sections.
- P2005285 E(6-)001 Rev A. External Lighting Proposals.

The proposed road width has been design using Autotrack and allows light commercial vehicles to exit the site safely in both directions from the internal ring road, refer to drawings P2005285 (95) CP108.

Lighting is from 3 number 8 meter high road lanterns on steel columns. These give predominantly down light directly onto the road with only nominal up light, refer to drawings P2005285 E(6-)001.

6 Landscaping

All ground to be affected by the work will be landscaped to sympathetic contours and grass seeded.