

Design and Access Statement Huyton Police Station Perimeter Security

Location: Huyton Police Station

Background:

On the 14/04/2021 a Perimeter Security Assessment was carried out at Huyton Police Station. The assessment was in response to a number of security breaches at the location.

The assessment solely focused on the site boundary and its purpose was to –

- Design out security breaches by preventing trespassers entering the site,
- Improve security for operational vehicles,
- Improve security of private vehicles &
- Address safety concerns for staff working within the Police Station.

As it stands Huyton Police station has –

- North Boundary – Approx. 2m high Palisade Fencing. The Palisade Fencing separates the Police site from the neighbouring ASDA store



- East Boundary – A mixture of Approx. 2m High Palisade Fencing and Approx. 2m High Domestic fencing. This fencing separates the Police Site from private dwellings.



- South Boundary – No Demarcation



- West Boundary – No Demarcation

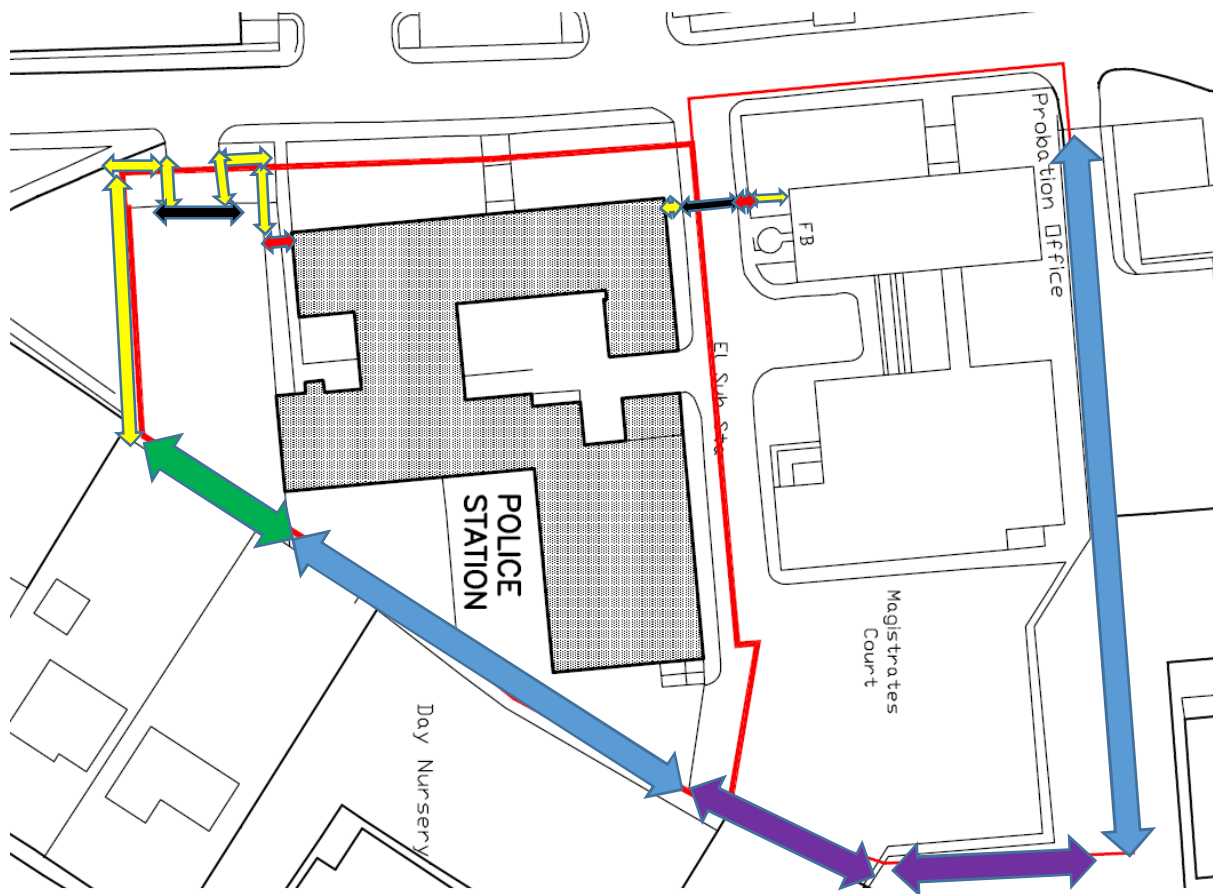


Due to the lack of perimeter fencing on the South and West boundaries the station is vulnerable to trespassers as there is no clear demarcation of the site. The addition of a new fence line would –

- Enclose the site,
- Clearly define the site boundary,
- Improve station security and
- Create a safer working environment for Police Officers and Police Staff.

Recommendations:

Please see the below site plan



BLUE – No action required – Existing Palisade Fencing. The fencing is Approx. 2m high and whilst not Secure by Design and not something I would specify for a police site, it is in good condition and should remain in place. The benefits of swapping the fence is outweighed by the cost.

GREEN – No action required – Existing Domestic Fence Panels set in concrete posts. The fencing is also screened by dense planting. The fence is Approx. 2m high and whilst not Secure by Design and not something I would specify for a police site it appears to be brand new, well maintained and should therefore remain in place. The benefits of swapping the fence is outweighed by the cost.

PURPLE – No action required – Existing Domestic concrete panel / wood panel fencing set in concrete posts. The is in poor condition but has not deteriorated over the last few years. The fence is a minimum of 2m high and whilst not Secure by Design and not something I would specify for a police site at this time I see no reason to disturb it and recommend it remain in place. This should be reviewed if there is any further damage or deterioration to this section of fence line.

YELLOW – Action required –

- 2m, Green, Weldmesh fencing to be installed
- The fencing should be Ultimate Extra SR1 High Level Security Fencing System
- The fencing should follow the yellow line around the outside of the flower beds as otherwise the flower bed itself would become a climbing aid.

Specifications:

- Fence must be 'Secure By Design' (SBD)
- Must conform to BS1722-14
- 2.4 metre Weld Mesh fencing (2m will suffice on this site)
- If location dictates 3.2 metre Weld Mesh fencing should be considered
- Colour – Green
- Fixings – All fixing must be on the Police side of the fence
- Mesh – 165 x 25mm
- Wire Diameter – Min 6mm
- Post spacing – no more than 2520mm between post centres
- Top Edge Protection 25mm
- Posts – Min 80x40mm
- Full length Clamp Bar for secure fixing
- Fencing should complement barriers
 - There should be no gaps
 - Barrier controls should not be able to be used as a climbing aid

For example see CLD Fencing –

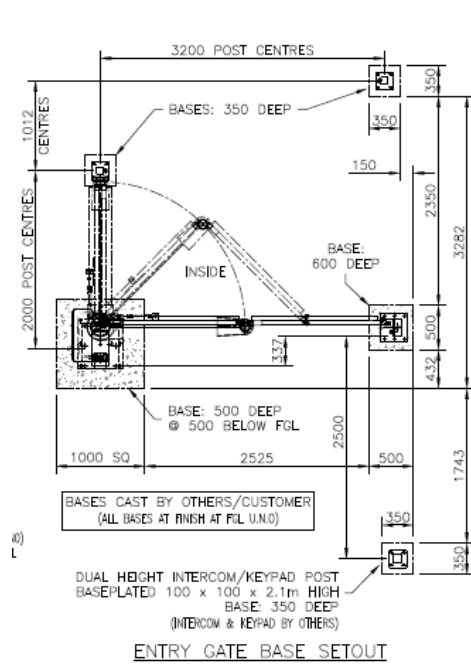
- Product Reference: Ultimate Extra SR1 High Level Security Fencing System

RED – Action Required – Pedestrian Gate to be installed

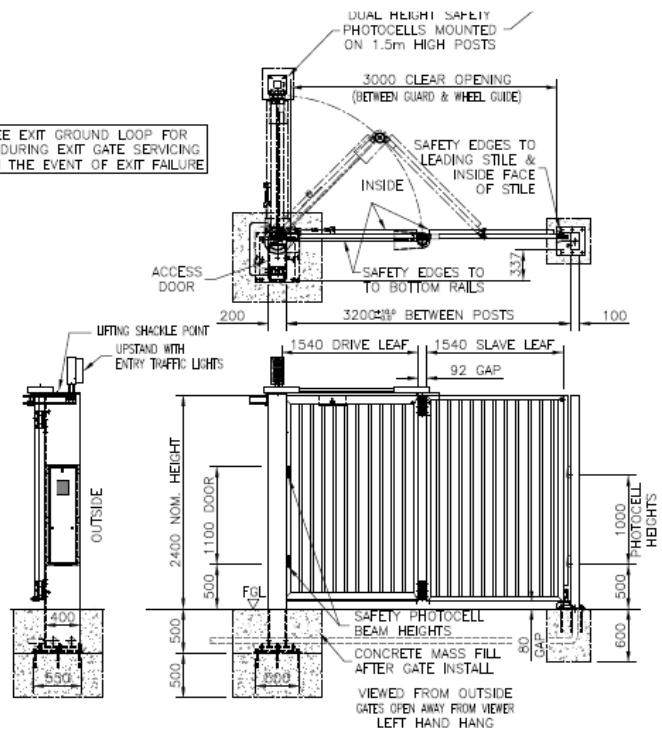
- Gate Height should match neighbouring fencing
- Gate Construction should be black weldmesh to match Neighbouring Fence – Same specification
- Door Access required – Card and PIN
- Green Exit button – This should be positioned so that it cannot be reached from outside by someone reaching through with a stick etc.

BLACK – Action Require – Bi-Fold gate to be installed

- Fast moving Bi-Fold gate (See below Jacksons Gate)
- Colour Green
- Infill as illustrated below should be vertical Bars



FREE EXIT GROUND LOOP FOR USE DURING EXIT GATE SERVICING OR IN THE EVENT OF EXIT FAILURE



GROUND MUST BE LEVEL ACROSS COMPLETE GATE WAY

ENTRY SINGLE BI-FOLDING SPEED GATE

Insp Chris Burnham
ES Operational Support Manager