

Fence panels to be designed in same style as gate side panels, attached to post by welded bracket security bolted (using shear nuts) through to matching bracket welded to post. Posts to be same Spec. as gate posts. Fence panels as gate posts. 1500mm length to be supported by 50x10mm central supporting lug welded to bottom member and installed in concrete foundations.

Panel widths that are below 100mm to have horizontal rails only (no vertical bar).

DETAIL 3:
Overhang barriers - rawbolled to top of wall and welded to face of steel post.
Construction to match railings.

Panels less than 300mm width to be factory welded to posts. Fence panels over 300mm width to be attached to posts by welded bracket security bolted, (using shear nuts), through to matching bracket welded to post.

21.3mm diameter hollow steel infill bar with 3mm wall thickness welded to frame (Passed through drilled holes in all horizontal bars and welded).

300 x 80 x 6 Lock Protector System mounted on alley side of gate

Existing Metal Railings 1.7m High

Slam plate, 60 x 5mm-thick, welded onto the outside face of the left hand side 50x50mm upright SHS, extends to the top of the gate.
Cut away to allow access to keyhole.

Monkey tail bolts to be 16mm gauge mounted on alley side of gates.

[illegible]

1. WELDING:
All welds to be continuous
seam or fillet welds. Any
irregularities to be ground down
prior to galvanising.

All fabricated steelwork to be hot-dip galvanised to BS 1461.

All steel surface shall be free of any slag, spatter or grease.

All galvanised surfaces to be degreased using Dacrylate Thinner R5. The material shall then be treated with Dacrylate Mor-dant Solution (T Wash) and then painted without delay with the following system:

Dacrylate Vinadac HB MIO, ref: 41-177, to an approximate wet film thickness of 190 microns to achieve a dry film thickness of 75 microns (Colour: 41-177 (Matt Black)).

4. The Contractor should satisfy himself to the accuracy of all measurements shown in relation to existing features.

NOTE: These gates have been designed in consultation with 'Crime and Disorder' team

ASOI -
Standard
Elevation
of double
leaf gates