

FENCING NOTE

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 over 1500mm length to be supported by 50x10mm central supporting lug welded to bottom member and installed in concrete foundations.

No fence panel to exceed 2750mm width unless stated otherwise on the elevation drawings.

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

DETAIL 3:
Overhang barriers - rawbolted 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.

Double Gate - 2400h x 2900w - With Overhang Barrier to Left Hand Side

50mm dia. steel sphere, welded directly above infill bars

Cap off ends of hollow sections and seal. Weld 100mm Dia. steel sphere to cap.

50x50x3mm thick SHS frame (for hinge side vertical)

50x25mm thick steel horizontal flat bar welded to frame with vertical bars passed through drilled holes and welded.

50mm x 10mm thick SHS infill pales welded to frame (Passed through drilled holes in intermediate horizontal rails and welded)

Grassed Communal Area

Gap to be less than 100mm between post and wall.

Existing Metal Railings - 1.6m High

20mm diameter (minimum) adjustable hinge as per manufacturers recommendation. 3no. hinges per gate leaf.

25x50x3mm thick RHS frame (for horizontals)

G.L.

Monkey Bolts MS receiver box, Existing surfacing varies, made good to suit, as directed by CA.

1:3:6 Concrete footings.

100x100x3200mm long, 6.3mm thick, square hollow section post set vertically in footings as shown.

300mm sq. x 10mm thick steel base plate welded to base of each supporting post (double base for small panels).

NOTES

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

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

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

3. PAINTING:
All galvanised surfaces to be degreased using Dacrylate Thinner 'R5'. The material shall then be treated with Dacrylate Mordant Solution (T Wash) and then painted without delay with the following system:

Dacrylate Vinadac HB MIO, ref: 41-line, 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.