

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.

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

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.

25x8mm x 2600mm long steel flat bar welded to post to protect locking system. Top of plate to finish flush with top of post, bottom of plate to extend into concrete foundations.

Wall - 1.8m High

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 6mm Lock Protector System mounted
on alley side of gate

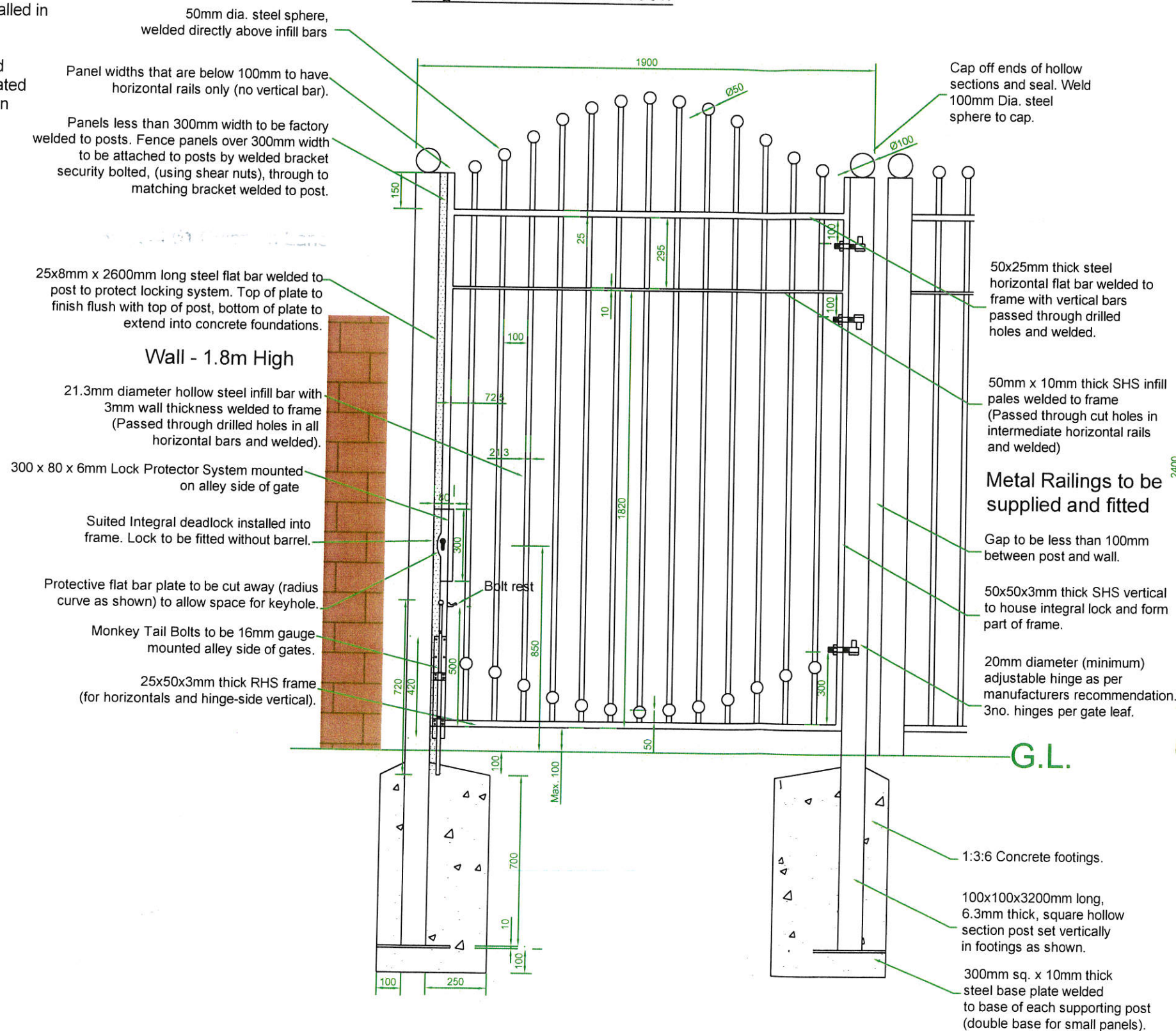
Suited Integral deadlock installed into frame. Lock to be fitted without barrel.

Protective flat bar plate to be cut away (radius curve as shown) to allow space for keyhole.

Monkey Tail Bolts to be 16mm gauge -
mounted alley side of gates.

25x50x3mm thick RHS frame
(for horizontals and hinge-side vertical).

Single Gate - 2400h x 1900w



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.

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