

Document Control Sheet

Issued by:	HLM Architects Fifth Floor 10 Alie Street London, E1 8DE T: +44 (0)20 7921 4800 E: london@hlmarchitects.com
Client:	
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Specification-Systems

Q40 Fencing1

Q40 Fencing

Fencing systems - Not Used

Gates, posts and stiles

560D Steel G04

1. Description: Maintenance Access Gate to Quench Pipe Area
2. Manufacturer: Lang + Fulton or similar and approved
3. Standard
 - 3.1. Domestic gates: To BS 4092-1.
 - 3.2. Steel palisade gates: To BS 1722-12.
4. Manufacturer: Lang + Fulton or similar and approved
 - 4.1. Product reference: To match Fence F01 (Novara-34 Fencing) Style.
 - 4.2. Gate Height: 1.5m
 - 4.3. Gate Opening: 1.2m clear opening
5. Finish: Powder-coated to BS 1722-16
 - 5.1. Colour: Black RAL9005
6. Jointing: Welded.
7. Fittings: Two self closing adjustable hinges and a ring latch
8. Finish: Powder-coated to BS 1722-16
9. Method of fixing: Concrete foundation, 450 mm square x 600 mm deep

Accessories - Not Used

Execution

710 Installation generally

1. Set out and erect
 - 1.1. Alignment: Straight lines or smoothly flowing curves.
 - 1.2. Tops of posts: Following profile of the ground.
 - 1.3. Setting posts: Rigid, plumb and to specified depth, or greater where necessary to ensure adequate support.
 - 1.4. Fixings: All components securely fixed.

715 Competence

1. Operatives: Contractors must employ competent operatives.
2. Qualifications: Submit certification of training.
 - 2.1. NHSS Sector Scheme 2A sub categories: (b)
 - 2.2. NHSS Sector Scheme 2C sub categories: (a)

720 Setting posts in concrete

1. Standard: To BS 8500-2.
2. Mix: Designated concrete not less than GEN1 or Standard prescribed concrete not less than ST2.
3. Alternative mix for small quantities: 50 kg Portland cement to 150 kg fine aggregate to 250 kg 20 mm nominal maximum size coarse aggregate, medium workability.
4. Admixtures: Do not use.

5. Holes: Excavate neatly and with vertical sides.
6. Filling: Position post/ strut and fill hole with concrete to not less than the specified depth, well rammed as filling proceeds and consolidated.
7. Backfilling of holes not completely filled with concrete: Excavated material, well rammed and consolidated.

730 Exposed concrete foundations

1. Filling: Compact until air bubbles cease to appear on the upper surface.
2. Finishing: Weathered to shed water and trowelled smooth.

740 Setting posts in earth

1. Holes: Excavated neatly, with vertical sides and as small as practicable to allow refilling.
2. Filling: Position posts/ struts and replace excavated material, well rammed as filling proceeds.

750 Driven posts

1. Damage to heads: Minimize.
 - 1.1. Repair: Neatly finish post tops after installation.

780 Making good galvanized surfaces

1. Treatment of minor damage (including on fasteners and fittings): Low melting point zinc alloy repair rods or powders made for this purpose, or at least two coats of zinc-rich paint to BS 4652.
2. Thickness: Apply sufficient material to provide a zinc coating at least equal in thickness to the original layer.

790 Site painting

1. Timing: Prepare surfaces and apply finishes as soon as possible after fixing.

Completion

910 Cleaning

1. General: Leave the works in a clean, tidy condition.
2. Surfaces: Clean immediately before handover.

920 Fixings

1. All components: Tighten.
 - 1.1. Timing: Before handover.

930 Gates

1. Hinges, latches and closers: Adjust to provide smooth operation. Lubricate where necessary.
 - 1.1. Timing: Before handover.

Ω End of Section

