Q40 Fencing
PROJECT:
To be read with Preliminaries/General conditions.
FENCING TYPE: TANGORAIL TR900 ELEGANCE RAILING SYSTEM

FENCING
- Manufacturer: Heras UK Fencing Systems, Herons Way, Carr Hill, Doncaster, DN4 8WA
  Tel: 01302 364551 Fax: 01302 322401
  E-mail: heras.sales@herasuk.co.uk Web: www.heras.co.uk

- PANELS: TANGORAIL TR900
  Nominal Height: 0.9m/1.0m/1.2m
  Nominal Panel Width: 2450mm
  Verticals: 10 No. 19mm diameter CHS Bows at 119mm vertical centres.
  Nominal Rake: 500mm Maximum (11 degrees)
  Finish: Galvanised & polyester powder coated Green RAL 6005/Black RAL 9005.

- POSTS SHS
  0.9m/1.0m/1.2m/1.5m 50 x 50 x 2mm SHS with bendable angle cleat, m10x25 cup sq. bolt, shear
  nut and washer for SHS cleat to post fixing m8x80mm cup sq. bolt, shear nut & washer.
  Finish: Galvanised & polyester powder coated Green RAL 6005/Black RAL 9005.

- OTHER:
  Method of setting posts: In concrete foundations to comply with the design loading requirements
  specified by manufacturers technical specifications for this category of fence.
  Conformity:
  - Upon receipt on site, or during storage off site, all care to be taken to ensure
    that no damage is incurred and that all precautions are taken against
    vandalism or theft.

- INSTALLATION:
  Set out and erect fencing:
  As shown on drawings
  Gradients:
  In the event of installing on sloping ground, posts must be erected vertically and
  panels can rake 500mm maximum.
  With posts set rigid, plumb and to specified depth, or greater where necessary to
  ensure adequate support.
  Panels that are cut on site are to be made good using a zinc-etch primer paint,
  followed by a top coat of 2 pack polyurethane repair paint.
  With correct fixings and all components securely fixed.

- COMPETENCE:

The contractor shall employ experienced installers and provide qualified supervision to complete works
as specified by the manufacturer for this category of fence.

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**SETTING POST IN CONCRETE:**

Holes: Excavate neatly and with vertical sides.
Concrete mix: GEN1 or ST2 – to BS EN 206-1 using 20mm nominal size graded aggregates.
Alternative for small batch: the mix should not be leaner by mass than 1 part cement to 10 parts 20mm nominal graded aggregates.
All concrete should be thoroughly compacted prior to the initial set.
Exposed concrete foundations
  - Filling: Compact until are bubbles cease to appear on the upper surface.
  - Finishing: Weathered to shed water and trowelled smooth.