

**Project No.** 150457

**Client:** Council of the Isles of Scilly

**Tender Issue** 10/11/2017

**STRIDE TREGLOWN**  
ARCHITECTURE

## **Carn Gwavel School**

**10 November 2017**

**This document includes:**

Code	Section	Revision	Dated
Q40	Fencing		

## Q40 Fencing

To be read with Preliminaries/ General conditions.

### FENCING SYSTEMS

- 410A PURPOSE MADE FENCING To external areas, refer to drawing 90001 for panel setting out
- Standard: To BS 1722- 5 except as varied on drawings and below.
  - Height: 2100 mm.
  - Materials: Wood.
    - Finish: External protective treatment.
    - Colour: Wood finish.
  - Centres of posts (maximum): As recommendations.
  - Method of setting posts: As recommendations.
- 410B PURPOSE MADE FENCING To Entrance Lobby, refer to drawing 90001 for panel setting out
- Standard: To BS 1722- 5 except as varied on drawings and below.
  - Height: 1100 mm.
  - Materials: Wood.
    - Finish: External protective treatment.
    - Colour: Wood finish.
  - Centres of posts (maximum): As recommendations.
  - Method of setting posts: As recommendations.
- 410C PURPOSE MADE ENCLOSURE To Buggy Store
- Standard: To BS 1722- 5 except as varied on drawings and below.
  - Height: To match existing walls.
  - Materials: Wood.
    - Finish: External protective treatment.
    - Colour: Wood finish.
  - Centres of posts (maximum): As recommendations.
  - Method of setting posts: As recommendations.
- 570A GATES
- Manufacturer: Purpose made to match fencing, as Clause 410A.
    - Product reference: Purpose made.
  - Sizes: 1000 mm clear opening.
  - Posts: Not required.
  - Finish as delivered: As Clause 410A.
  - Fittings: Panic hardware:
    - Exidor panic bar and bolt, with extra protective coating to withstand external environment, silver.
    - Borg digital keypad lock, marine grade, black..
    - Finish: As Clause 410A.
  - Method of fixing: Fixed back to timber fencing posts.
  - Accessories: Security notice (supplied by Employer).

## **EXECUTION**

### **710 INSTALLATION GENERALLY**

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

### **720 SETTING POSTS IN CONCRETE**

- Standard: To BS 8500-2.
- Mix: Designated concrete not less than GEN1 or Standard prescribed concrete not less than ST2.
- 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.
- Admixtures: Do not use.
- Holes: Excavate neatly and with vertical sides.
- Filling: Position post/ strut and fill hole with concrete to not less than the specified depth, well rammed as filling proceeds and consolidated.
- Backfilling of holes not completely filled with concrete: Excavated material, well rammed and consolidated.

### **740 SETTING POSTS IN EARTH**

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

### **750 DRIVEN POSTS**

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

### **760 NAILED WOOD RAILS**

- Length (minimum): Two bays, with joints in adjacent rails staggered.
- Fixing: Nail each length of rail to each post with two 100 mm galvanized nails.
- Rails with split ends: Replace.

### **770 SITE CUTTING OF WOOD**

- General: Kept to a minimum.
- Below or near ground level: Cutting prohibited.
- Treatment of surfaces exposed by minor cutting and drilling: Two flood coats of solution recommended for the purpose by main treatment solution manufacturer.

### **790 SITE PAINTING**

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

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Signed Off **Tender Issue 10/11/2017**

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### **COMPLETION**

#### 910 CLEANING

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

#### 920 FIXINGS

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

#### 930 GATES

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