

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.