

**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
Q55	External decks, boardwalks and bridges		

## **Q55 External decks, boardwalks and bridges**

**To be read with Preliminaries/ General conditions.**

### **GENERAL**

- 110A DECK To External Play Area
- Base preparation: Not required.
  - Structure, other than surfacing: Concrete base laid to falls.
  - Surfacing: Deck board as Clause 380A.
  - Guarding: Not required.
  - Edge protection: Not required.

### **SYSTEM PERFORMANCE**

### **PRODUCTS**

- 305 TIMBER PROCUREMENT
- Timber (including timber for wood based products): Obtained from well managed forests and/ or plantations in accordance with:
    - The laws governing forest management in the producer country or countries.
    - International agreements such as the Convention on International Trade in Endangered Species of wild fauna and flora (CITES).
  - Documentation: Provide either:
    - Documentary evidence (which has been or can be independently verified) regarding the provenance of all timber supplied.
    - Evidence that suppliers have adopted and are implementing a formal environmental purchasing policy for timber and wood based products.
  - Certification scheme: Forest Stewardship Council (FSC).
  - Other evidence: None.
- 380A DECKING BOARDS
- Manufacturer: Millboard Company Ltd, The.
    - Web: [www.millboard.co.uk](http://www.millboard.co.uk).
    - Email: [nbs@millboard.co.uk](mailto:nbs@millboard.co.uk).
    - Tel: +44 (0)24 7643 9943.
    - Address: Castle Court, Bodmin Road, Coventry. CV2 5DB.
    - Product reference: Enhanced Grain Decking
    - Fixing: Durafix 4.5mm x 6.0mm fixed to Plas-Pro joists
  - Colour: Smoked Oak.

**380B DECKING BOARD EDGING To Sandpit and Deck Edge**

- Manufacturer: Millboard Company Ltd, The.
  - Web: [www.millboard.co.uk](http://www.millboard.co.uk).
  - Email: [nbs@millboard.co.uk](mailto:nbs@millboard.co.uk).
  - Tel: +44 (0)24 7643 9943.
  - Address: Castle Court, Bodmin Road, Coventry. CV2 5DB.
  - Product reference: Bullnose Edging, step edge 50mm
- Type: Standard.
- Colour: Smoked Oak/ Driftwood.

**380C DECKING FASCIA BOARD To Sandpit and Deck Edge**

- Manufacturer: Millboard Company Ltd, The.
  - Web: [www.millboard.co.uk](http://www.millboard.co.uk).
  - Email: [nbs@millboard.co.uk](mailto:nbs@millboard.co.uk).
  - Tel: +44 (0)24 7643 9943.
  - Address: Castle Court, Bodmin Road, Coventry. CV2 5DB.
  - Product reference: Fascia Boards 146mm x 16mm
- Colour: Smoked Oak / Driftwood.

**395A JOIST SUPPORTS**

- Manufacturer: Millboard Company Ltd, The.
  - Web: [www.millboard.co.uk](http://www.millboard.co.uk).
  - Email: [nbs@millboard.co.uk](mailto:nbs@millboard.co.uk).
  - Tel: +44 (0)24 7643 9943.
  - Address: Castle Court, Bodmin Road, Coventry. CV2 5DB.
  - Product reference: Adjustable Joist Cradles, at 400mm centres
- Design: As drawing.

**395B DECKING SUB FRAME**

- Manufacturer: Millboard Company Ltd, The.
  - Web: [www.millboard.co.uk](http://www.millboard.co.uk).
  - Email: [nbs@millboard.co.uk](mailto:nbs@millboard.co.uk).
  - Tel: +44 (0)24 7643 9943.
  - Address: Castle Court, Bodmin Road, Coventry. CV2 5DB.
  - Product reference: Plas-Pro Plastic Decking Sub-Frame, at 300mm centres
- Design: As drawing.

**FABRICATION**

**510 FABRICATION GENERALLY**

- Design: Complete the detailed design and obtain approval prior to commencing fabrication.
- Shop drawings: Submit.
- Structural calculations: Submit.
- Frameworks: Assemble and brace, including temporary members required for installation.
- Contact between dissimilar metals: Avoid.
- Fixings: Fully bolt together. Tighten bolts.
- Temporary support: Do not subject members to non-design loadings.

## **EXECUTION**

### **610 LOADING**

- Site activities: Restrict, to ensure that design loads are not exceeded, or submit proposals for temporary supports.

### **657 INSTALLATION OF PEDESTALS**

- Ensure that surface to accept pedestals is clean and free of debris.
- Setting out: Mark centre-point of pedestal on substrate surface, with guidelines to ensure square layout.
  - Orientation: Align parallel with adjacent features.
  - Spacing: As manufacturer's recommendations.
  - Additional pedestals: As manufacturer's recommendations.
- Overall movement tolerance (maximum): 3 mm.

### **660 PRESERVATIVE TREATED TIMBER**

- Surfaces exposed by minor cutting and drilling: Treated by immersion or with two flood coats of a solution recommended for the purpose by main treatment solution manufacturer.
- Heavily worked sections: Re-treat.

### **665 INSTALLATION GENERALLY**

- Fasteners and methods of fixing: As section Z20.
- Structural members: Do not modify, cut, notch or make holes in structural members, except as indicated on drawings.
- Temporary support: Do not use stairs, walkways or balustrades as temporary support or strutting for other work.

## **COMPLETION**

### **950 DOCUMENTATION**

- Contents:
  - General product information.
  - Installation information.
  - Inspection and maintenance reports.
- Number of copies: TBA.
- Submission: 2 weeks prior to date when principal contractor expects work to be practically complete.