

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
N15	Internal fire and safety signage systems		

N15 Internal fire and safety signage systems

To be read with Preliminaries/ General Conditions.

GENERAL

110A FIRE SIGNAGE SYSTEMS INTERNALLY

- System manufacturer: Stocksigns, Redhill, Surrey RH1 2LG, OEA or similar
 - Product reference: Standard ranges of Fire and safety signs
 - Layout and dimensions: Positions to be agreed with school
 - Language: English
 - Sign type: Escape signage
 - Manufacturing process: Material Rigid Plastic 2 series
 - Supports/ Fixings: Secured to background with adhesive pads / screw fixings.
- Ceiling Fixing: Suspended with 1mm stainless steel wires with appropriate fixings for hanging off ceiling tiles
- Accessories: As required – suspended / wall mounted frames.

115 ILLUMINATED SIGNAGE

For details and location of any illumination signage see M&E Engineers details.

SYSTEM PERFORMANCE

210 GENERAL REQUIREMENTS

- Signage system design:
 - Complete to: BS 559 and BS ISO 16069.
 - Comply with the requirements of: Fire Strategy Report .
- Proposals: Submit drawings, schedules, technical information, calculations and manufacturer's literature.

240 SIGNAGE SYSTEM SPECIFICATION

- Content: Signs including facing information, components, inserts, accessories and fixings necessary to complete the system.
- Geometric shapes, colours and layout: To BS 5499-1.
 - Font: Helvetica medium.
- Escape route: In accordance with BS 5499-4 and BS ISO 16069
- Safety meaning: In accordance with BS 5499-5.
- Water safety: In accordance with BS 5499-11.

280 DESIGN LIFE OF FIRE SIGNAGE SYSTEM

- Duration: 15 years .
 - Subject to reasonable wear and tear.
- Condition of use: Subject to regular maintenance.

290 SIGNAGE SAMPLES

- Sign type: Fire .
 - Action: Submit labelled samples.
 - Conformity: Retain samples on site for the duration of the contract or until instructed to remove.
 - Delivered products: To conform with labelled samples

290A SIGNAGE SAMPLES

- Sign type: General mix for approval .
 - Action: Submit labelled samples.
 - Conformity: Retain samples on site for the duration of the contract or until instructed to remove.
 - Delivered products: To conform with labelled samples

PRODUCTS

305 INTERNAL SIGNAGE PRODUCTS GENERALLY

- Standard: To BS 559.
- Colorimetric and photometric properties: To BS 5378-2.

320 ALUMINIUM PLATE FOR HAZARD SIGNS

- Manufacturer: Contractor's choice .
 - Product reference: Contractor's choice .
- Component thickness: 2 mm .
- Finish: Manufacturer's standard .
- Perimeters: Manufacturer's standard .

400A PHOTOLUMINESCENT SIGNS

- **PHOTOLUMINESCENT SIGNS**

- Standard: In accordance with Photoluminescent Safety Products Association (PSPA) Standard 002 part 1.
- PSPA material: Class A
- Manufacturer: Stocksigns, Redhill, Surrey RH1 2LG, OEA
- Product reference: Photoluminescent Fire to BS 5499, Part 4 2000
- Base material: S.A. Vinyl / Rigid plastic
- Component thickness: 1.3mm.
- Finish: As supplied.
- Size: 350 x 100mm
- Perimeters: radiused corners
- Wall Fixing: Self Adhesive
- Ceiling Fixing: Suspended with 1mm stainless steel wires with appropriate fixings for hanging off ceiling tiles.
- Reference: See signage drawing for location of signage.
- Type FA - Denotes Straight Ahead Fire Exit Sign (Direction Arrow Up)
- Type FB - Denotes Straight Ahead Fire Exit Sign (Direction Arrow Down)
- Type FC - Denotes Left for Fire Exit Sign (Direction Arrow Left)
- Type FD - Denotes Right for Fire Exit Sign (Direction Arrow Right)
- Type FE - Denotes Left and Down for Fire Exit Sign (Direction Arrow Left & Down)
- Type FF - Denotes Right and Down for Fire Exit Sign (Direction Arrow Right & Down)

401 PHOTOLUMINESCENT REFUGE SIGNS

- Standard: In accordance with Photoluminescent Safety Products Association (PSPA) Standard 002 part 1.
- PSPA material: min class A
 - Manufacturer: Stock signs or equivalent
 - Base material: rigid PVC
- Component thickness: 1.3mm
- Size: 250 x 300mm
- Perimeters: radiused corners
- Fixing: Self Adhesive
- Position: fix at 1500mm affl

Type FG - Refuse Sign

EXECUTION

610 FIXING SIGNS GENERALLY

- Installation: To BS 559.
 - Secure, plumb and level.
- Fasteners and adhesives: As section Z20.
- Strength of fasteners: Sufficient to support live and dead loads.
- Fasteners for external signs: Corrosion resistant material or with a corrosion resistant finish. Isolate dissimilar metals to avoid electrolytic corrosion.
- Fixings showing on surface of sign: Must not detract from the message being displayed.

COMPLETION

910 DOCUMENTATION

- Submit:
 - Manufacturer's maintenance instructions.
 - Guarantees, warranties, test certificates, record schedules and logbooks.

930 SPECIALIST TOOLS

- Supply as follows: 1 set suspension adjustment tools .