

SOAS into Senate House

Specification for architectural works N15 Internal fire and safety signage systems

28731-SOAS-A-SPC-GEN-XX-N15

Created by: DL

Checked by: EF

Approved by: RP

Rev.	Date	Description	Created	Checked	App
C1	12/02/16	CONSTRUCTION	DL	EF	RP

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Furniture/Equipment

Section Revision History

No.	Purpose	
C1	Construction issue	16th Feb 2016

Clauses amended in Revision C1

This is the first revision stamp for this section. For all future revision stamps, details of all clauses amended at that revision will be included here.

N15 Internal fire and safety signage systems

To be read with Preliminaries/ General Conditions.

GENERAL**110A FIRE SIGNAGE SYSTEMS FOR ESCAPE ROUTE**

- System manufacturer: Submit proposals.
 - Product reference: Submit proposals.
- Layout and dimensions: As report 28731-SOAS-A-REP-XXX-XX-029.
 - Language: English.
- Sign type: Photoluminescent, rigid plastic as cl 400.
 - Manufacturing process: Submit proposals.
- Supports/ Fixings: Wall mounted, self adhesive (to manufacturers recommendations. Ceiling mounted and hung via suspended cable and clip system.
- Accessories: Clip connectors and cables where suspended, as noted above. Recessed concealed sleeve for soffit mounted locations in new ceilings. Soffit fixed direct to existing ceilings. Submit proposals .
See report 28731-SOAS-A-REP-XXX-XX-029 for direction and hanging type. Provide Design Submittal and detailed proposal to conclude sizes, fixing types etc
Size of sign as noted in report, subject to specialist supplier review.
All signs to comply with BS EN ISO 7010.
NO SUPPLEMENTARY TEXT TO BE USED TO ESCAPE SIGNS

120 SAFETY SIGNAGE SYSTEMS MANDATORY ACTION

- System manufacturer: Submit proposals.
 - Product reference: Submit proposals.
- Layout and dimensions: As report 28731-SOAS-A-REP-XXX-XX-029.
 - Language: English.
- Sign type: Stove enamelled steel plate, or metal based plate where recommended by manufacturer.
 - Manufacturing process: Manufacturer's standard.
- Supports/ Fixings: Generally door mounted, screw fixed.
- Accessories: Colour matched fixings.

120A SAFETY SIGNAGE SYSTEMS - PROHIBITION DANGER

- System manufacturer: Submit proposals.
 - Product reference: Submit proposals.
- Layout and dimensions: As report 28731-SOAS-A-REP-XXX-XX-029.
 - Language: English.
- Sign type: Stove enamelled steel plate, or metal based plate where recommended by manufacturer.
 - Manufacturing process: Manufacturer's standard.
- Supports/ Fixings: Generally door mounted, screw fixed.
- Accessories: Colour matched fixings.
REFER TO REPORT 28731-SOAS-A-REP-XXX-XX-029

120B SAFETY SIGNAGE SYSTEMS - WARNING

- System manufacturer: Submit proposals.
 - Product reference: Submit proposals.
 - Layout and dimensions: As report 28731-SOAS-A-REP-XXX-XX-029.
 - Language: English.
 - Sign type: Stove enamelled steel plate, or metal based plate where recommended by manufacturer.
 - Manufacturing process: Manufacturer's standard.
 - Supports/ Fixings: Generally door mounted, screw fixed.
 - Accessories: Colour matched fixings.
- REFER TO REPORT 28731-SOAS-A-REP-XXX-XX-029

SYSTEM PERFORMANCE

210 GENERAL REQUIREMENTS

- Signage system design:
 - Complete to: BS 559 and BS ISO 16069.
 - Comply with the requirements of: Fire Strategy Report and wayfinding strategy (to be determined).
- 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 ISO 3864-1.
- Escape route: In accordance with BS 5499-4 and BS ISO 16069.
- Safety meaning: In accordance with BS ISO 7010.
- Water safety: In accordance with BS ISO 20712-1.

270 FIRE REACTION OF FIRE SIGNAGE SYSTEM

- Non flammable surface:
 - Standard: Class 1 to BS 476-7.

270A FIRE REACTION OF SAFETY SIGNAGE SYSTEM

- Non flammable surface:
 - Standard: Class 1 to BS 476-7.

280 DESIGN LIFE OF FIRE SIGNAGE SYSTEM

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

280A DESIGN LIFE OF SAFETY SIGNAGE SYSTEM

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

290 SIGNAGE SAMPLES

- Sign type: Fire and Safety.
 - 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.

400 PHOTOLUMINESCENT SIGNS

- Standard: In accordance with Photoluminescent Safety Products Association (PSPA) Standard 002, Part 1.
- PSPA material: Class I.
- Manufacturer: Contractor's choice.
 - Product reference: Submit proposals.
- Base material: Rigid plastic.
- Component thickness: to manufacturer's recommendation.
- Finish: Manufacturer's standard.
- Perimeters: Radiused corners.

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: One set suspension adjustment tools.