

New Fire Rated Elements and Fire Signage

- Final Exit
- New structural elements - to be 60minute fire resistant
- Fire rated secondary glazing fitted inside existing historic window
- Retained existing fire door - not upgraded
- New fire door to be installed
- Existing fire door to be upgraded
- Fire alarm call point
- Refuge area 900x1400mm
- Existing fire compartment - 30min fire rated
- New fire compartment - 30min fire rating
- 30mins fire rated window
- 30mins integrity & insulated fire rated door with smoke seals
- Fire Exit Signage (Final Exit) - FEA
- Fire Exit Signage (Straight on from here) - FEU
- Fire Exit Signage (Straight on and down from here) - FED
- Fire Exit Signage (Left from here) - FEL
- Fire Exit Signage (Right from here) - FER
- Fire Exit Signage (Down and right from here) - FEDR

NOTES:

For more information of the buildings fire alarm system, emergency lighting and illumination of exit signs refer to Services Engineer's drawings and specifications.

Fire Signage to conform to BS 5499.

The emergency exit signage layout here reflects the design intent. Final locations of exit signs to be confirmed and agreed on site with the Approved Inspector.

Fire Compartmentation/Protection is required to all escape routes. An indication of the fire compartmentation of existing walls has been shown. Any new service penetrations to existing wall should be provided with suitable fire stop.

All new structural elements and floors to be to a 60 minute fire resistance. Non structural elements to be 30 minute fire resistant.

Category LD1 Fire System to be provided throughout

FIRE EXTINGUISHER PROVISION:

1 x 21A rated water (with additive)
1 x 34B CO2
at each fire alarm break glass call point

1 x Light duty fire blanket at each pantry/kitchen

- LEGEND :
- AH Arch Height
 - ASH Arch Spring Height
 - BH Beam Height
 - BL Beam Level
 - CAH Ceiling Arch Height
 - CH Ceiling Height
 - CL Ceiling Level
 - CPD Cupboard
 - CSH Ceiling Spring Height
 - DH Door Height
 - DOH Door Opening Height
 - DP Downpipe
 - ESG Electrical Switch Gear
 - F-H Floor - Head Height
 - F-S Floor - Sill Height
 - FBH False Beam Height
 - FCH False Ceiling Height
 - FL Floor Level
 - G Gully
 - GL Ground Level
 - H High
 - HB Hand Basin
 - HL Head Level
 - HWT Hot Water Tank
 - IC Inspection Cover
 - RAD Radiator
 - RL Roof Level
 - RWP Rainwater Pipe
 - S-AH Sill - Arch Height
 - S-H Sill - Head Height
 - S-SH Sill - Spring Height
 - SL Sill Level
 - SVP Soil Vent Pipe
 - VP Vent Pipe
 - WAD Window Above Door
 - WAW Window Above Window
 - WC Water Closet
 - WS Work Surface
 - Floor Level Steps Up
 - Ceiling Level Slopes Up

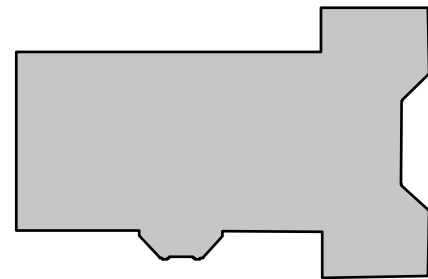
NOTES :

The accuracy of this survey drawing is dependent upon the scale at which it is produced. Users should not re-scale this drawing without consent.

All level values refer to the following OSBM:-

South East Face, No.11 Bedford Square; Value 27.73m

BUILDING KEY



DRAWING TITLE KEY

BEDFORD SQUARE - (i) - (ii) - (iii)
- 00 - 1002 - A

(i) BUILDING LEVEL

00 - Ground Level
01 - First Floor
02 - Second Floor
03 - Third Floor
04 - Roof Level
99 - Basement Level
99 - Whole Building
S - Site

(ii) DRAWING TYPE / NUMBER

00(XX) - Site Drawings (drawing no.)
10(XX) - Existing Plan Drawings (drawing no.)
11(XX) - Demolition Plan Drawings (drawing no.)
12(XX) - Proposed Plan Drawings (drawing no.)
13(XX) - Reflected Ceiling Plans (drawing no.)
15(XX) - Floor Finishes Drawings (drawing no.)
16(XX) - Fire Strategy Drawings (drawing no.)
20(XX) - Elevation Drawings (drawing no.)
30(XX) - Section Drawings (drawing no.)
40(XX) - External Detail (drawing no.)
50(XX) - Internal Detail (drawing no.)

(iii) DRAWING REVISION

(W.B.01) - Window number
(R.B.01) - Room number
(D.B.01) - Door number
(F.B.01) - Fireplace number
 - Internal room elevation
 - Proposed max. desk allowance

Revision	Date	Initial	Amendment
A	28.11.14	AJL	Planning Issue

Notes

No dimensions are to be scaled from this drawing. The contractor / manufacturer is responsible for checking all dimensions and querying any discrepancies.

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Royal Holloway, University of London
11 BEDFORD SQUARE-1-1603
Proposed First Floor Fire Strategy

Scale 1:50 @ A1 Status Planning

Date 20.10.14 Drawn AJL Checked ---

Drawing RL001 11 BEDFORD SQUARE-1-1603-A

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