External ramp at a gradient of 1:30

Revised Areas R1 Issue 2

Disabled refuge complying with BS 9999 2017, having a minimum dimension of 900mm x 1400mm

Notional Boundary

XXm Distance to the Relevant Boundary

During occupied hours existing sliding doors will be maintained in the open position. Lobby doors will be provided with push bars in accordance with EN 1125

During occupied hours doors will be maintained in the open position

Exit 12 (3000) 04.70

Exit 13 (2630) 04.70

Exit 14 (2630) 04.73

Exit 15 (2630) 04.72

Exit 1 (3000) 04.78

Exit 2 (2630) 04.73

Exit 3 (2630) 04.73

Exit 17 (3100)

Exit 16 (2800)

(2800)

(2800)

Exit 11 (3400)

Exit 10 (2100) 04.70

Exit 9 (2100)

Exit 8 (850)

Exit 7 (850)

Exit 6 (3400) 04.77

Exit 19 (2100)

Exit 18 (1050)

Market space 1

Market space 2

Market space 3

Market space 4

Market space 5

Market space 6

Market space 7

Market space 8

Market space 9

Market space 10

Market space 11 Dining

Market space12

Market space 13

Market space 14

Single Direction 11.5m

Travel Distance: 33.7m

Travel Distance: 25.1m

Single Direction 14.4m

Travel Distance: 33.3

Single Direction 16.3m

TD 2 Travel Distance 35.2m

TD 1 Travel Distance 33m

TD 3 Travel Distance 28.4m

Single Direction 3.4m

Travel Distance 14.8m

Single Direction 7.2m

Travel Distance 23.6m

4.70m

10.00m

During occupied hours doors will be maintained in the open position

During occupied hours doors will be maintained in the open position

During occupied hours doors will be maintained in the open position

Kitchen

Catering Kitchen

Kitchen Store

Staff Canteen

Secondary Sub

Accessible WC

Staff Changing Room

Trader Accessible WC

Customer WC

Comms Room

Cold Room

Food Store

Water Store

Water Room

Substation

Delivery Lobby

Trader Access

Staff Entrance

Kitchen Office

Accessible WC

WC/Changing Room

DCC Offices

Meeting Room

Store

Cleaners Store

Secondary Sub

Staff Canteen

Security Office

Kitchen Accessible WC

Catering Kitchen

Kitchen Store

Staff Changing Room

Trader Accessible WC

Customer WC

Kitchen Office

Comms Room

Cold Room

Food Store

Water Store

Water Room

Substation

Delivery Lobby

Trader Access

Staff Entrance

FD60s

FD30s

FIRE ESCAPE ROUTE KEEP CLEAR

# Proposed Ground Floor Plan

## FIRE LEGEND

Compartment wall achieving 60 minutes fire resistance for load bearing capacity, insulation and integrity in accordance with EN 1364-1:1999/ EN 1365-1:2012/EN 1365-2:2000 as appropriate. Fire rated partitions to be extended full height to the slab.

Fire resisting wall achieving 30 minutes fire resistance for load bearing capacity, insulation and integrity in accordance with EN 1364-1:1999/ EN 1365-1:2012/EN 1365-2:2000 as appropriate. Fire rated partitions to be extended full height to the slab.

Fire Rating glazing achieving 30 minutes for integrity and insulation in accordance with Table A4 of the TGD B 2006 + A1 2020. Glazing system to tested in accordance to EN 1365-1:2012/EN 1365-2:2000

Existing wall to achieve 60 minute fire resistance from both sides

Wall of opposing store room and substation to achieve a minimum of 60-minutes fire resistance as highlighted.

FD60s — Fire resisting doorset achieving 60 minutes fire resistance (Integrity) in accordance with EN 16034: 2014. Doors fitted with smoke seals to be in accordance with EN 1634-3.

FD30s — Fire resisting doorset achieving 30 minutes fire resistance (Integrity) in accordance with EN 16034: 2014. Doors fitted with smoke seals to be in accordance with EN 1634-3.

Emergency exit signage in accordance with BS 5499: Part 5: 2002 and SI 132.
Emergency lighting in stairways and common corridors to IS 3217.

Travel distance (m)

(xxxx) Minimum Clear Width of opening in millimetres

(xxxx) Minimum Clear Width of steps in millimetres

Adjacent buildings not subject to this Fire Safety Certificate Application

Proposed Sub-Station and store not subject to this Fire Safety Certificate Application

Width of a doorway:- is the clear width when the door or doors are open. Door hardware which does not intrude more than 100mm into the width may be ignored.

Width of Escape Route: is the width at 1500mm above floor level when defined by walls (handrails fixed to walls which do not intrude more than 100mm into this width may be ignored) or, elsewhere, the minimum width of passage available between any fixed obstructions.

This drawing to be read in conjunction with Jensen Hughes report submitted with this application.

JENSEN HUGHES
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email galway-jga@jensenhughes.com

**Fire Safety Certificate Application**

| | | | |
|---|---|---|---|
| Project | Dublin City Council Fruit Market<br>St Michan's Street, Smithfield,<br>Dublin 7 | | |
| Drawing Title | Proposed Ground Floor Plan | BY | CHK |
| | | KX | MC |
| Scale | Date | Drawing No. | Revision |
| 1:200 @ A1 | 25/07/24 | GG/1213/01/04 | A |