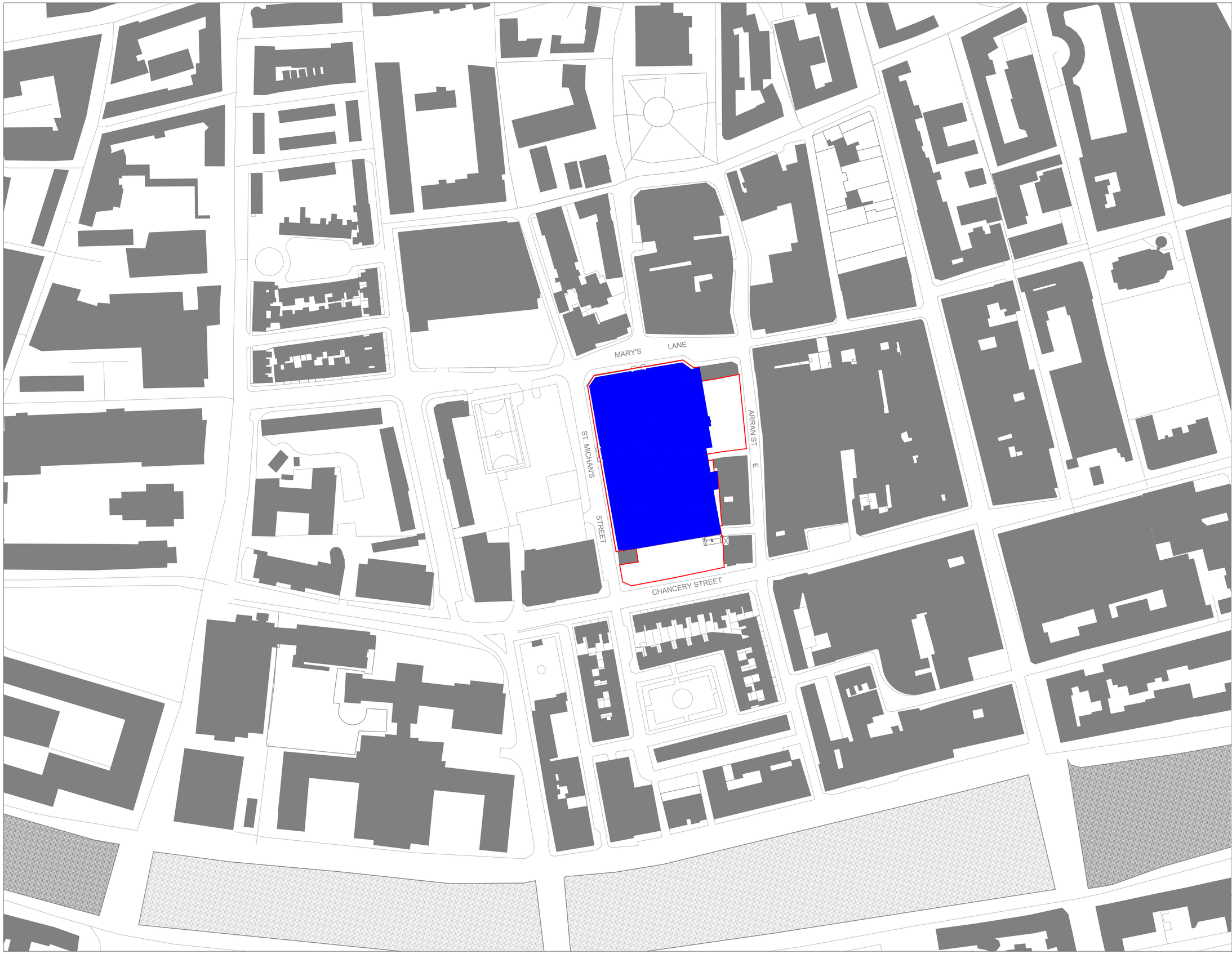


FIRE LEGEND

Building subject to this Fire Safety Certificate Application

Adjacent buildings not subject to this Fire Safety Certificate Application

Site Boundary

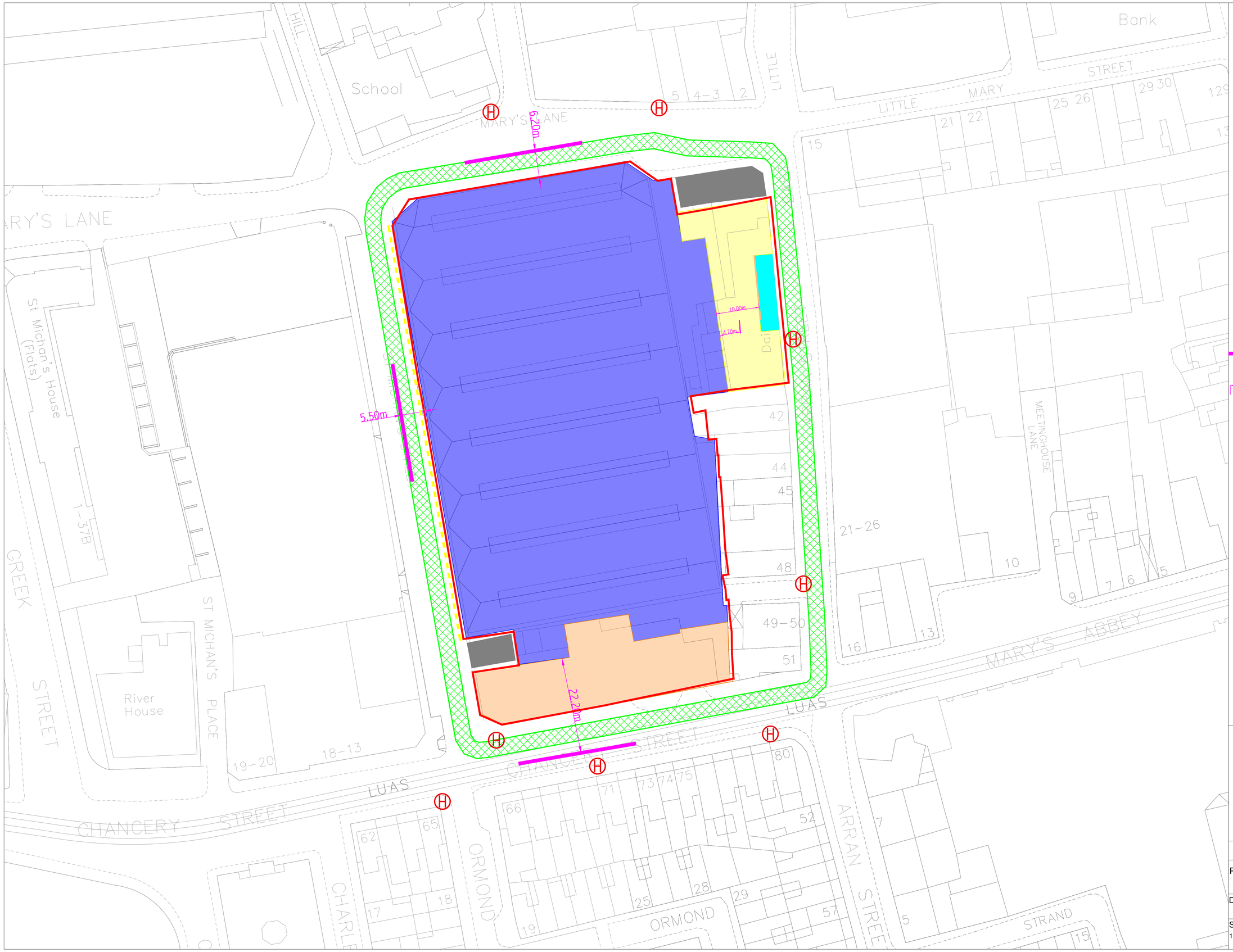
N

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

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Fire Safety Certificate Application

Project	Dublin City Council Fruit Market St Michan's Street, Smithfield, Dublin 7			
Drawing Title	Site Location Plan		BY KX	CHK MC
Scale 1:1000 @ A1	Date 10/05/24	Drawing No. GG/1213/01/01	Revision -	



FIRE LEGEND

- Building subject to this Fire Safety Certificate Application
- Adjacent buildings not subject to this Fire Safety Certificate Application
- Proposed Sub-Station and store not subject to this Fire Safety Certificate Application
- Service yard
- Chancery Street Open Air Market/Public space.
- Site Boundary
- Fire tender access
- Code Required 15% perimeter access for pump appliance.
- Indicative location of Existing Hydrants
- Notional Boundary
- XXm Distance to the Relevant Boundary

N

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

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Fire Safety Certificate Application

Project	Dublin City Council Fruit Market St Michan's Street, Smithfield, Dublin 7
Drawing Title	Site Layout Plan
BY	KX
CHK	MC
Scale	1:400 @ A1
Date	10/05/24
Drawing No.	GG/1213/01/02
Revision	-

FIRE LEGEND

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

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Fire Safety Certificate Application

Project	Dublin City Council Fruit Market St Michan's Street, Smithfield, Dublin 7		
Drawing Title	Existing Ground Floor Plan	BY	CHK
		KX	MC
Scale	Date	Drawing No.	Revision
1:200 @ A1	10/05/24	GG/1213/01/03	-

Existing Ground Floor Plan

Proposed Ground Floor Plan

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

Notional Boundary

XXm — Distance to the Relevant Boundary

Exit 1 (3300)
Exit 2 (2950)
Exit 3 (2950)
Exit 4 (2800)
Exit 5 (3400)
Exit 6 (2800)
Exit 7 (850)
Exit 8 (850)
Exit 9 (3300)
Exit 10 (3300)
Exit 11 (3400)
Exit 12 (3300)
Exit 13 (2950)
Exit 14 (2950)
Exit 15 (2950)
Exit 16 (2800)
Exit 17 (3100)
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

TD 1 Travel Distance 33m
TD 2 Travel Distance 35.2m
Travel Distance: 33.7m
Travel Distance: 25.1m
Travel Distance: 33.3
Single Direction 5.5m
Single Direction 14.4m
Single Direction 16.3m
Single Direction 3.4m
Travel Distance 14.8m
Travel Distance 23.6m
During occupied hours doors will be maintained in the open position
4.70m
10.00m

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 30 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.

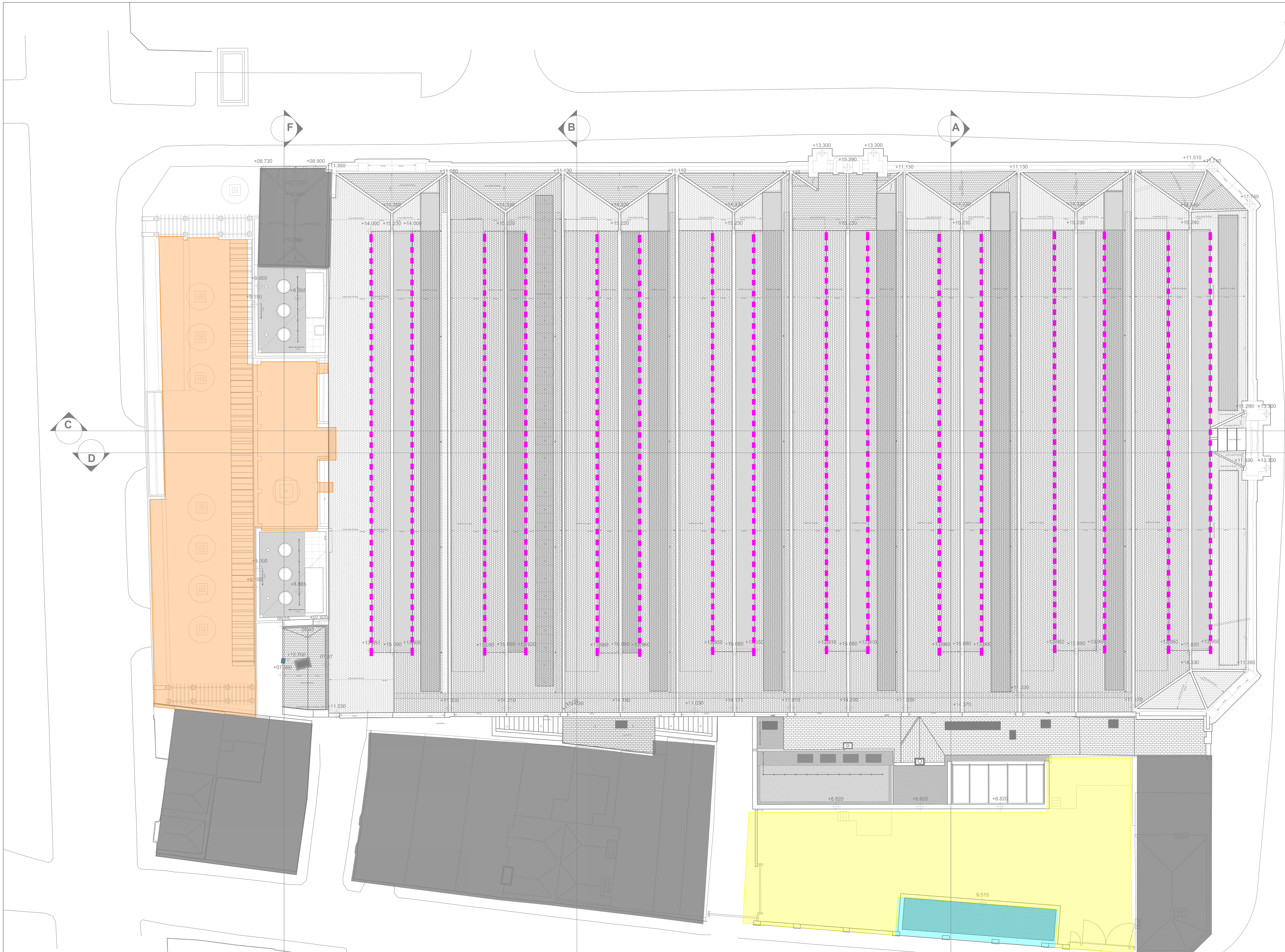
Width of Escape Route: is the width at 1500mm above floor level when defined by walls (handrails fixed to walls which do not intrude more than 100mm into this width may be ignored) or, elsewhere, the minimum width of passage available between any fixed obstructions.

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Fire Safety Certificate Application

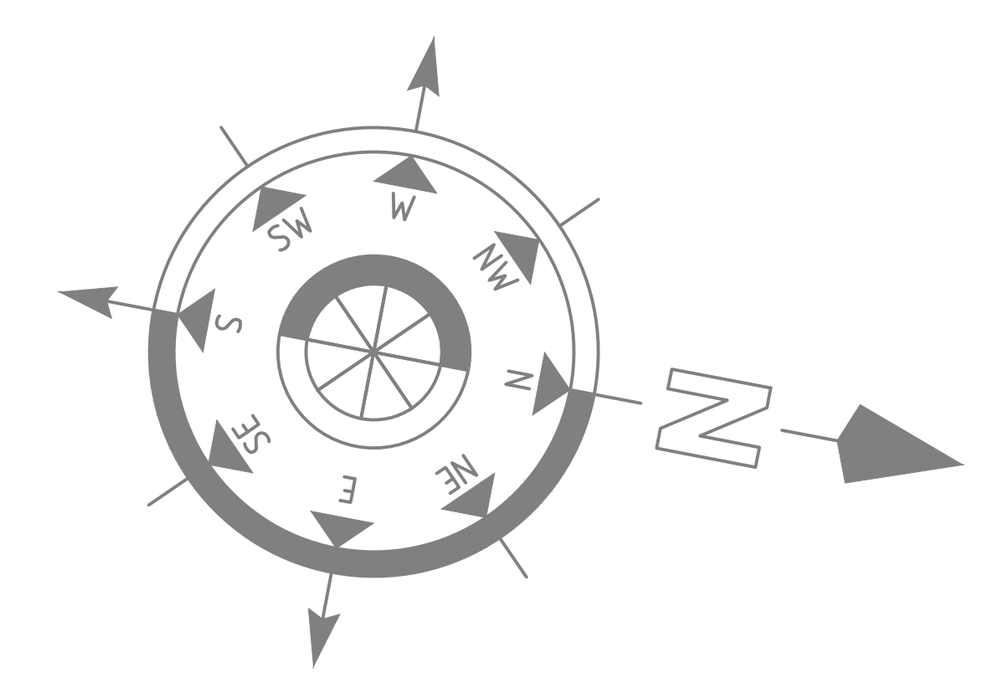
Project	Dublin City Council Fruit Market St Michan's Street, Smithfield, Dublin 7
Drawing Title	Proposed Ground Floor Plan
BY	KX
CHK	MC
Scale	1:200 @ A1
Date	10/05/24
Drawing No.	GG/1213/01/04
Revision	-



Roof Plan

FIRE LEGEND

- Adjacent buildings not subject to this Fire Safety Certificate Application
- Proposed Sub-Station and store not subject to this Fire Safety Certificate Application
- Service yard
- Chancery Street Open Air Market/Public Space
- Venting at roof level equating to approximately 212m² over the 8 roof lantern bays



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

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Fire Safety Certificate Application

Project	Dublin City Council Fruit Market St Michan's Street, Smithfield, Dublin 7		
Drawing Title	Roof Plan	BY: KX	CHK: MC
Scale: 1:200 @ A1	Date: 10/05/24	Drawing No.: GG/1213/01/05	Revision: -

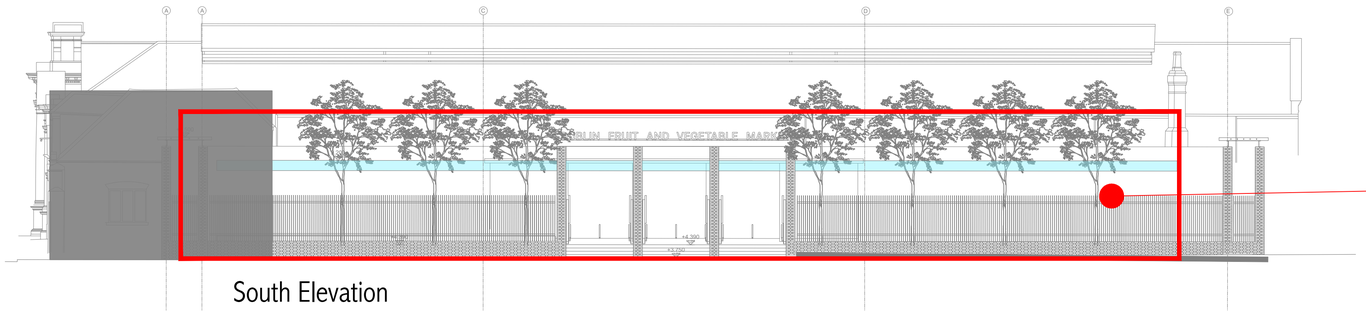


West Elevation
Compartment Enclosure: 6.6m x 96.4m
Appropriate Enclosing Rectangle: 9m x 100m
Relevant Boundary: 5.5m
Permitted unprotected area: 20%
Actual unprotected area:15%
Please See Note 1.

West Elevation

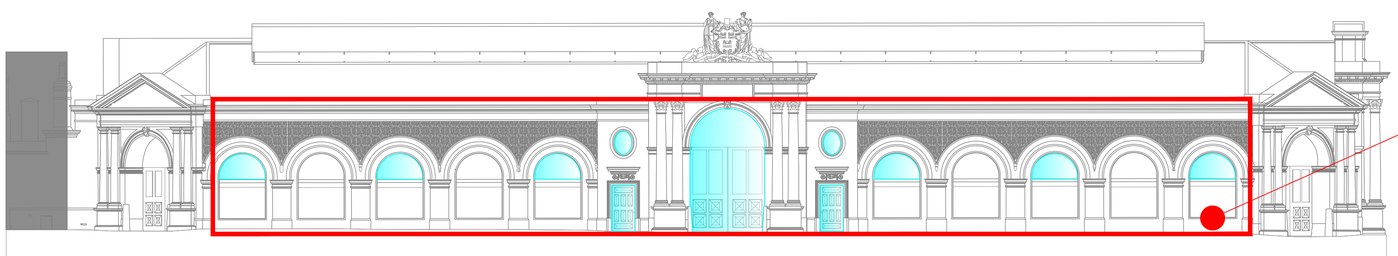


East Elevation



South Elevation
Compartment Enclosure: 7.2m x 48.9m
Appropriate Enclosing Rectangle: 9m x 50m
Relevant Boundary: 22.2m
Permitted unprotected area: 100%

South Elevation



North Elevation
Compartment Enclosure: 6.6m x 50.8m
Appropriate Enclosing Rectangle: 9m x 60m
Relevant Boundary: 6.2m
Permitted unprotected area: 20%
Actual unprotected area: 8%
Please See Note 1.

North Elevation

FIRE LEGEND

Adjacent buildings not subject to this Fire Safety Certificate Application

Enclosing rectangle relevant to this Fire Safety Certificate application

Unprotected areas

Note 1: The unprotected areas of the west and north elevation is based on the windows/doors being the only unprotected areas. Therefore, the existing walls shall achieve 30-minutes fire resistance construction i.e. block work/ brick work construction.

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

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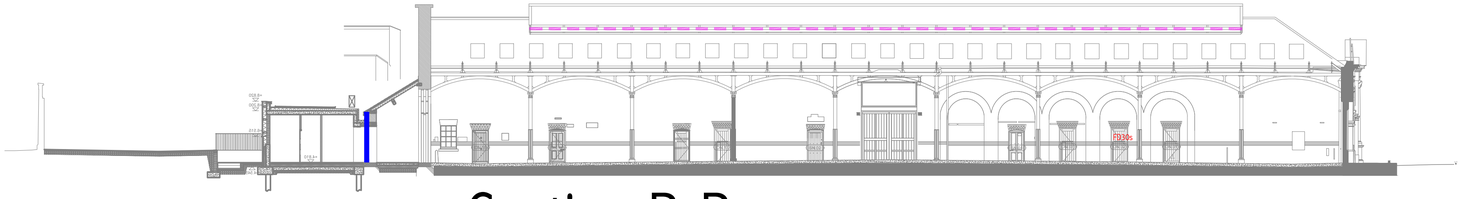
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Fire Safety Certificate Application

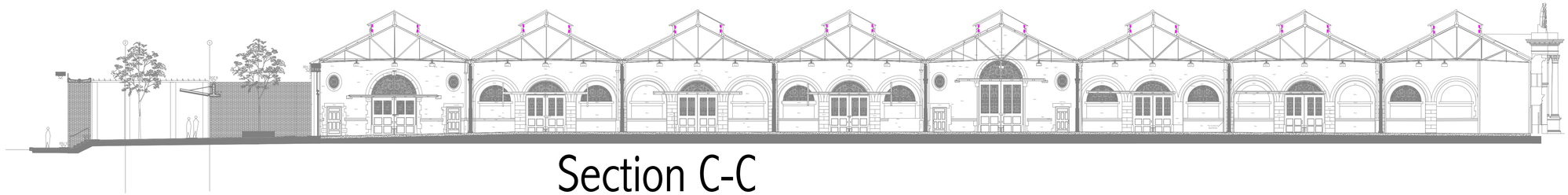
Project	Dublin City Council Fruit Market St Michan's Street, Smithfield, Dublin 7		
Drawing Title Elevations		BY KX	CHK MC
Scale 1:150@ A1	Date 10/05/24	Drawing No. GG/1213/01/06	Revision -



Section A-A



Section B-B



Section C-C



Section D-D

East Elevation - Restaurant Kitchen
Compartment Enclosure: 3.1m x 6.8m
Appropriate Enclosing Rectangle: 6m x 9m
Relevant Boundary: 4.7m
Permitted unprotected area: 94%
Please See Note 2.



East Elevation - Conservatory & market
Compartment Enclosure: 3.1m x 17.3m
Appropriate Enclosing Rectangle: 6m x 18m
Relevant Boundary: 10m
Permitted unprotected area: 100%

Section E-E



Section F-F

FIRE LEGEND

Adjacent buildings not subject to this Fire Safety Certificate Application

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

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.

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.

Venting at roof level equating to approximately 212m² over the 8 roof lantern bays

Enclosing rectangle relevant to this Fire Safety Certificate application (Restaurant and kitchen)

Enclosing rectangle relevant to this Fire Safety Certificate application (Conservatory and market)

Note 2: The permitted unprotected area of the restaurant kitchen is 94% i.e. 50.8m², The actual area of the compartment enclosure is 21m², therefore no further protection is required to this compartment enclosure.

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

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Fire Safety Certificate Application

Project	Dublin City Council Fruit Market St Michan's Street, Smithfield, Dublin 7		
Drawing Title Sections		BY KX	CHK MC
Scale 1:200 @ A1	Date 10/05/24	Drawing No. GG/1213/01/07	Revision -



Occupancy Areas

FIRE LEGEND

- Adjacent buildings not subject to this Fire Safety Certificate Application
- Proposed Sub-Station and store not subject to this Fire Safety Certificate Application
- Circulation areas
- Food Market Stalls
- Ancillary kitchens and restaurant
- Chancery Street Open Air Market/Public Space
- Location of Temporary Stalls
- Dining Area

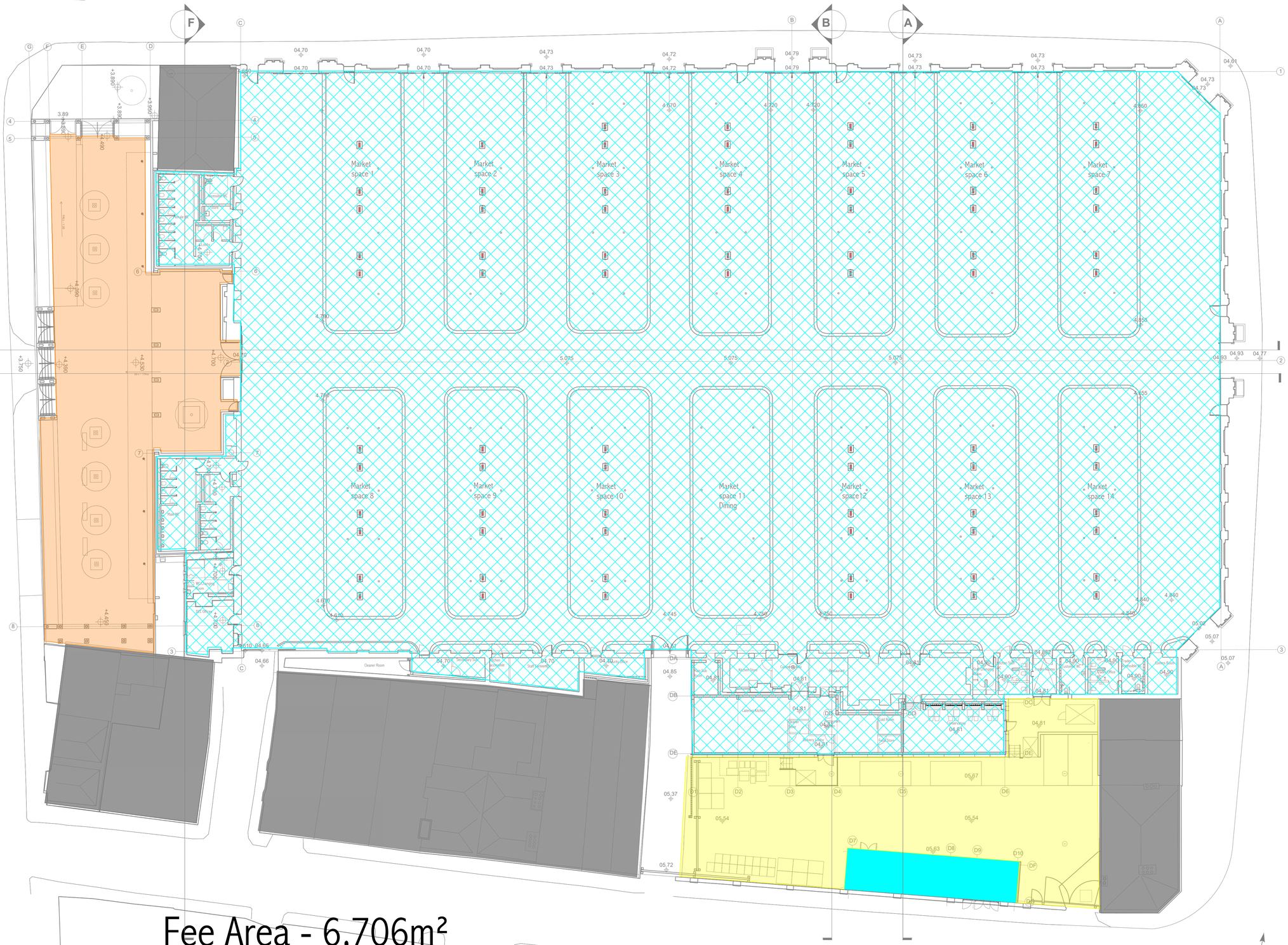
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Fire Safety Certificate Application

Project	Dublin City Council Fruit Market St Michan's Street, Smithfield, Dublin 7		
Drawing Title	Fee Area	BY	CHK
		KX	MC
Scale	Date	Drawing No.	Revision
1:200 @ A1	10/05/24	GG/1213/01/08	-



FIRE LEGEND

- Fee area
- Adjacent buildings not subject to this Fire Safety Certificate Application
- Proposed Sub-Station and store not subject to this Fire Safety Certificate Application
- Service yard
- Chancery Street Open Air Market/ Public Space

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

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Fire Safety Certificate Application

Project	Dublin City Council Fruit Market St Michan's Street, Smithfield, Dublin 7		
Drawing Title Fee Area		BY KX	CHK MC
Scale 1:200 @ A1	Date 10/05/24	Drawing No. GG/1213/01/09	Revision -