

Fire hydrant and distance in meters



Hard standing



Main access point





BUILDING LAYOUT								
Size		990m2 approx.						
Construction	Walls:	Concrete and brick construction with Spandrel panels and cladding to the front of the building. Windows are UPVC.						
	Floors:	Concrete						
	Stairs:	Concrete						
	Roof:	Flat						
Numbers of floors		17						
Layout		Entering through the main entrance leads to a communal lobby with CPs and a FAP, reception, electrical riser cupboards, 2 x lifts and stairs to all floors. Residential areas on all floors have stairs, lifts, and risers.						
Lifts		Two						
Types of Front Entrance Doors		Flat front FD30s						
Rubbish chutes/bin rooms		Refuse room to the rear and bin chutes on the 1 <sup>st</sup> to the 17 <sup>th</sup> floors.						
Common voids		On each floor						
Access to roof/service rooms		On the 17 <sup>th</sup> floor via the stairs.						
Occupants		200 based on 2 per flat						
Fire alarm system		Standard fire panel, no zone map						
Evacuation strategy		Full evacuation.						

FIREFIGHTING SYSTEMS								
Smoke control systems	AOV on the 17 <sup>th</sup> floor							
Sprinkler systems	None Identified							
Water supplies	Hydrants							
	10m along Crows Rd							
	80m along Harts Ln							
	River Rodding 60m							
Water mains	Riser locations Dry Riser Inlet to the right-hand side of the front entrance into the building, Dry Riser Outlets located within the Flat lobbies on floors 3,5,7,9,11,13,15							
Firefighting lifts	2							
Firefighting shafts	Protected Staircase							
	HAZARDOUS MATERIALS							
Location, type, quantity	N/A							
SERVICES								
Electricity	Within riser cupboards.							
Gas	No communal gas							



Dry Riser Inlet

DRM (O) Dry Riser Outlet

AOV Call Point

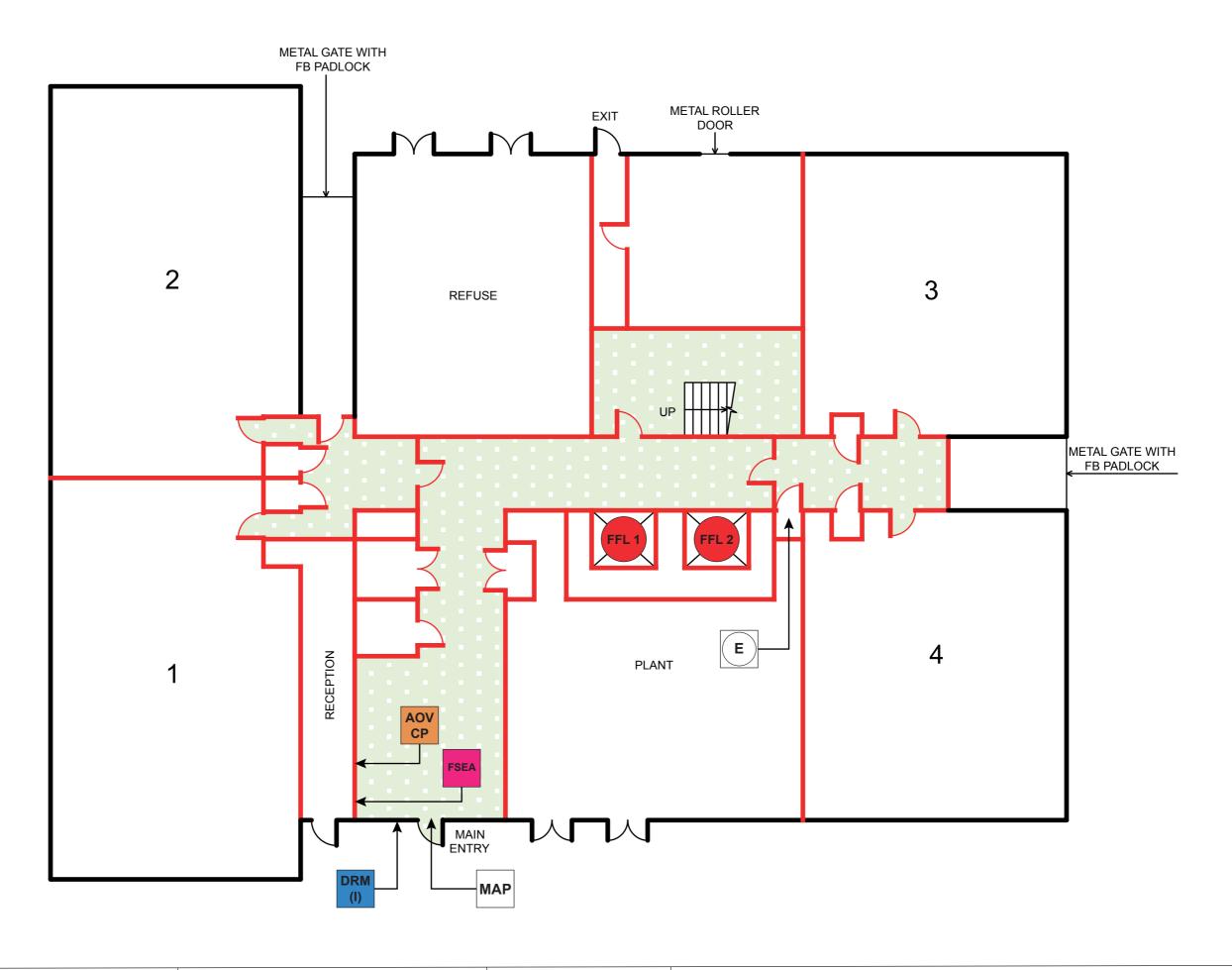
AOV AOV

Fire Fighters Lift

MAP Main Access Point

E Main Electrical Intake

FSEA Fire Alarm Control Panel





Address : Mersea House, 104 Harts Lane, IG11 8LN Survey Date: January 2023

**GROUND FLOOR** 

DRM (I)

Dry Riser Inlet

DRM (O)

Dry Riser Outlet

AOV CP

AOV Call Point

AOV

AOV

AC

FFL

Fire Fighters Lift

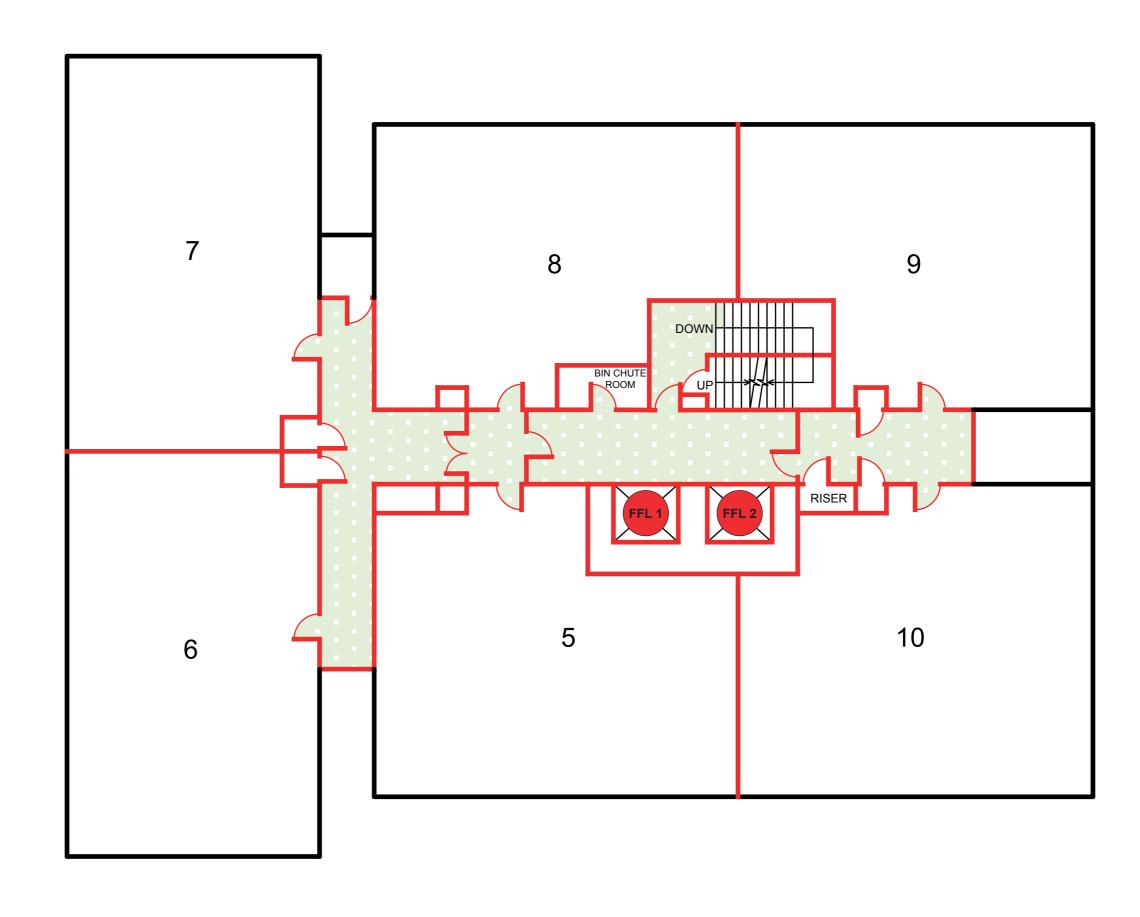
MAP

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Main Electrical Intake

FSEA





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Dry Riser Outlet

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Fire Fighters Lift

MAP

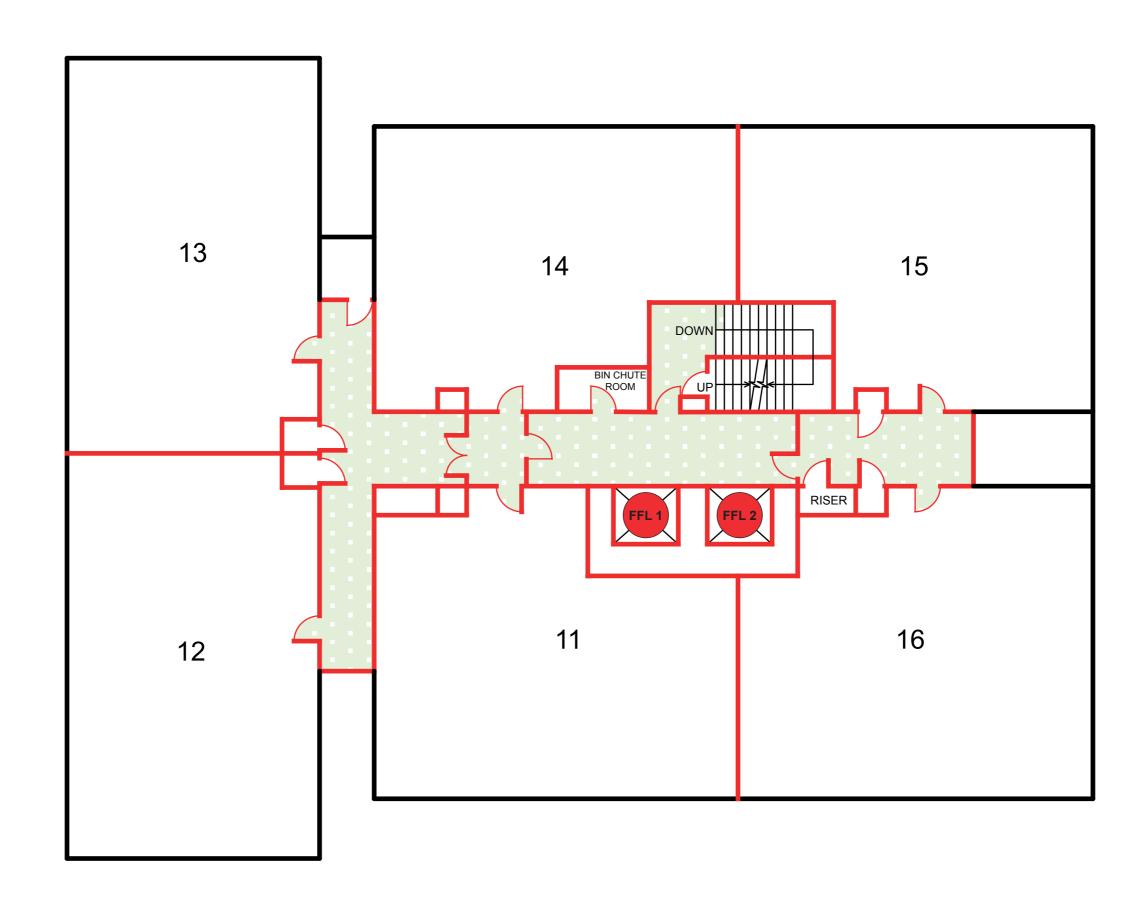
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Fire Alarm Control





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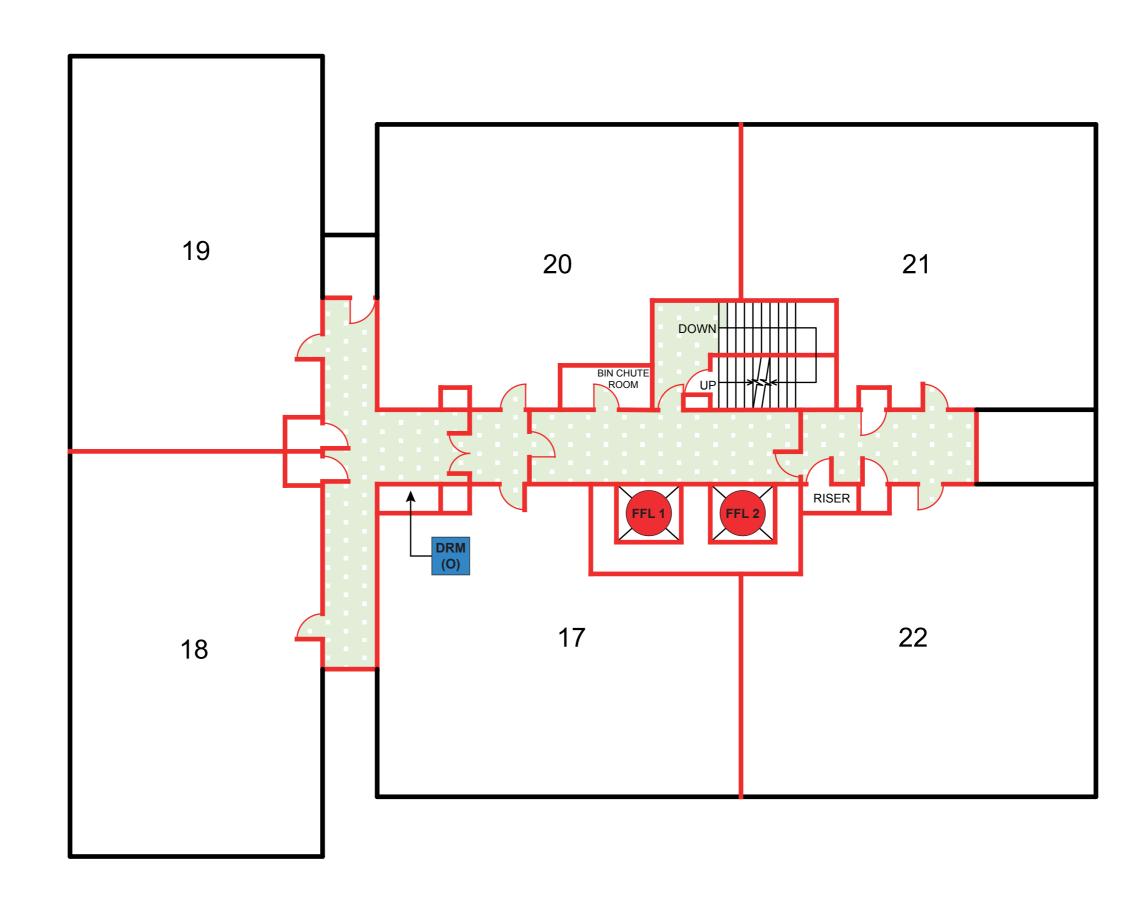
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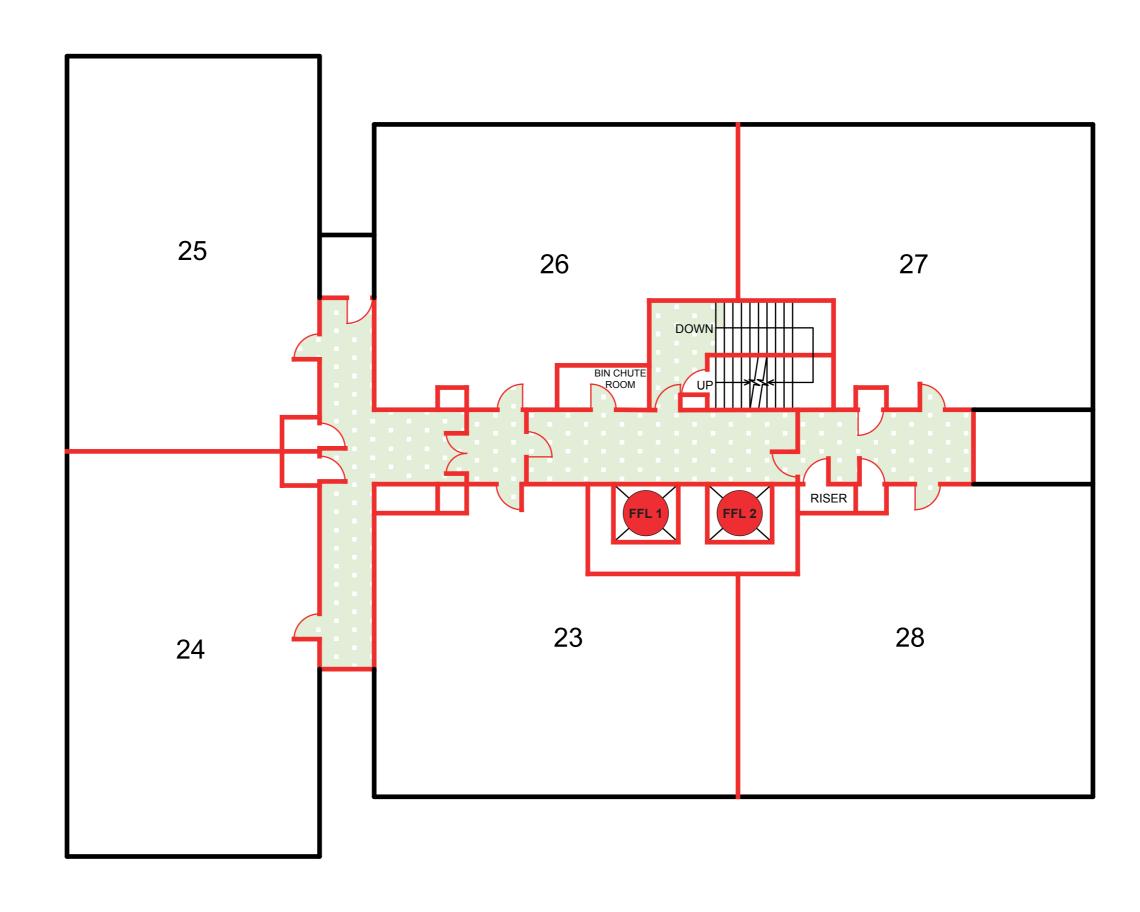
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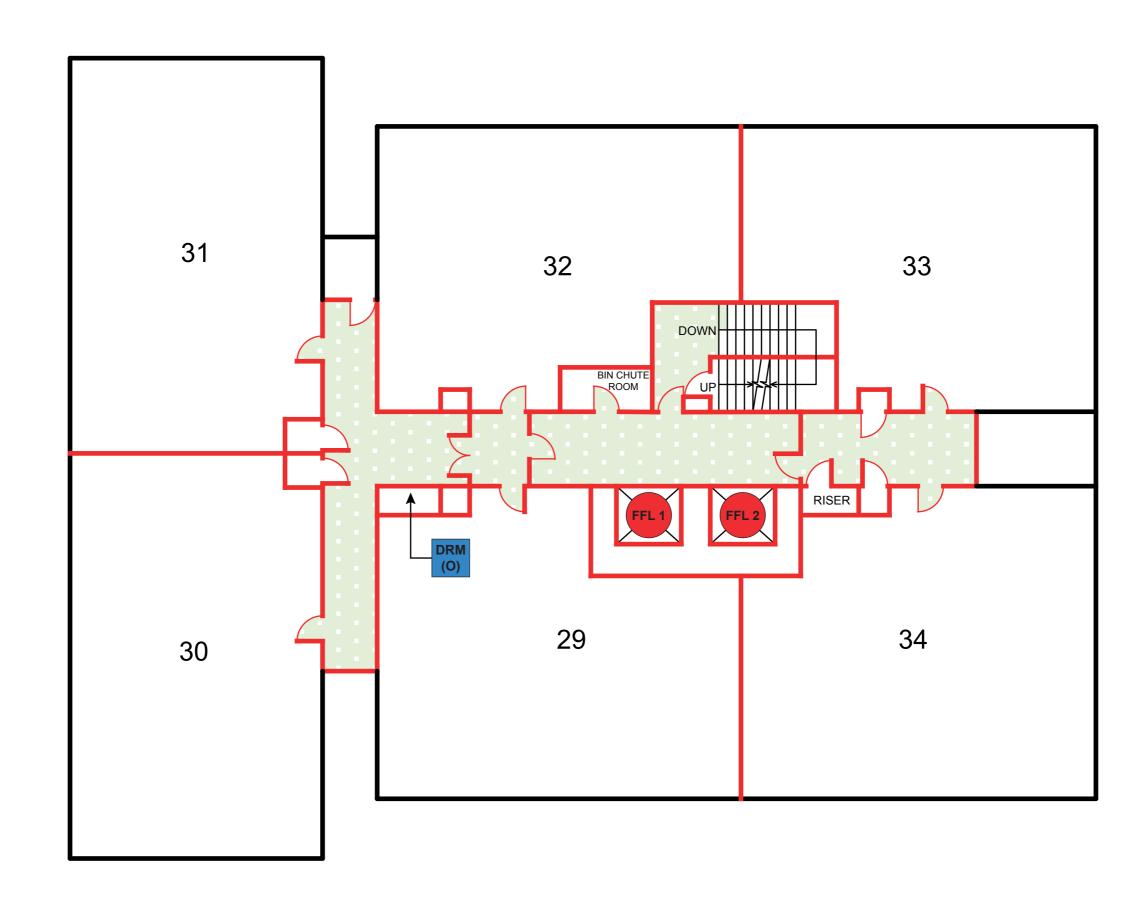
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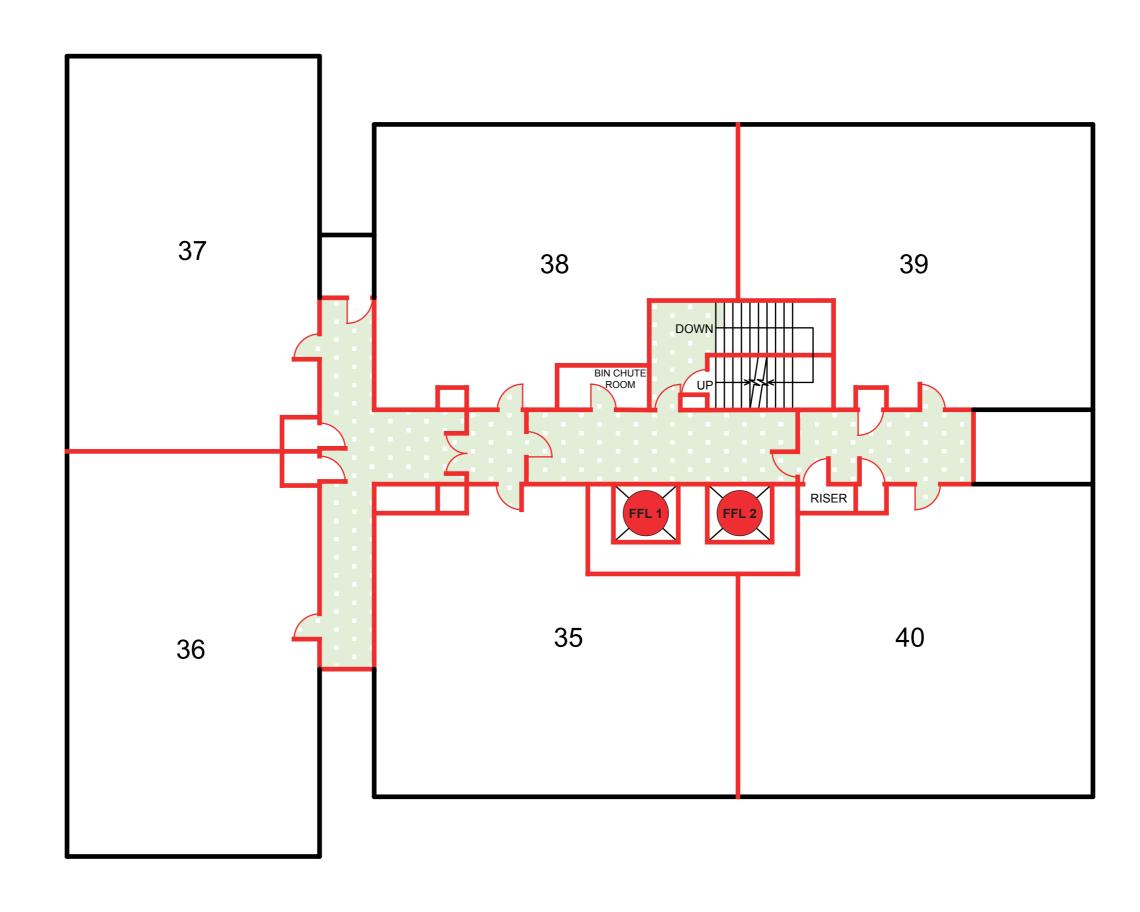
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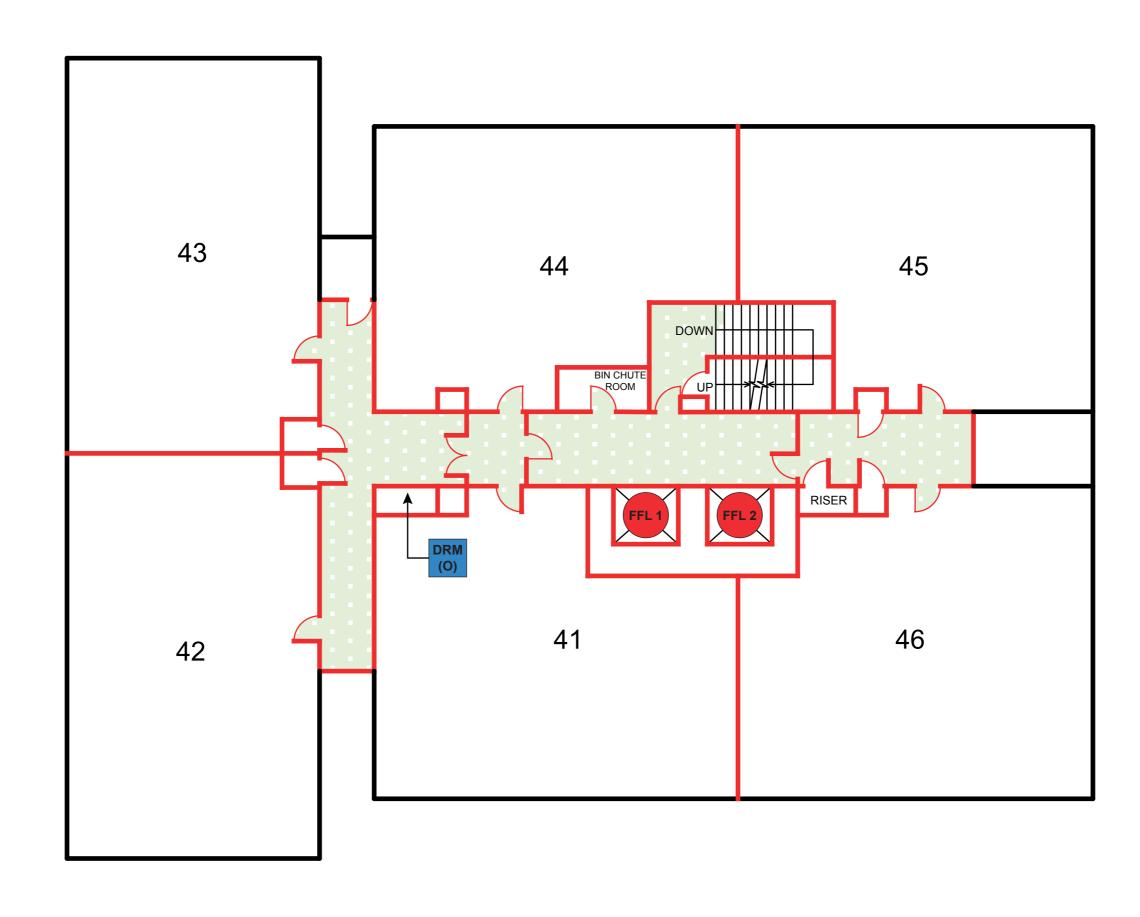
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FLOOR 7

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Dry Riser Inlet

DRM (O)

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AOV CP

AOV Call Point

AOV

AOV

FFL

Fire Fighters Lift

MAP

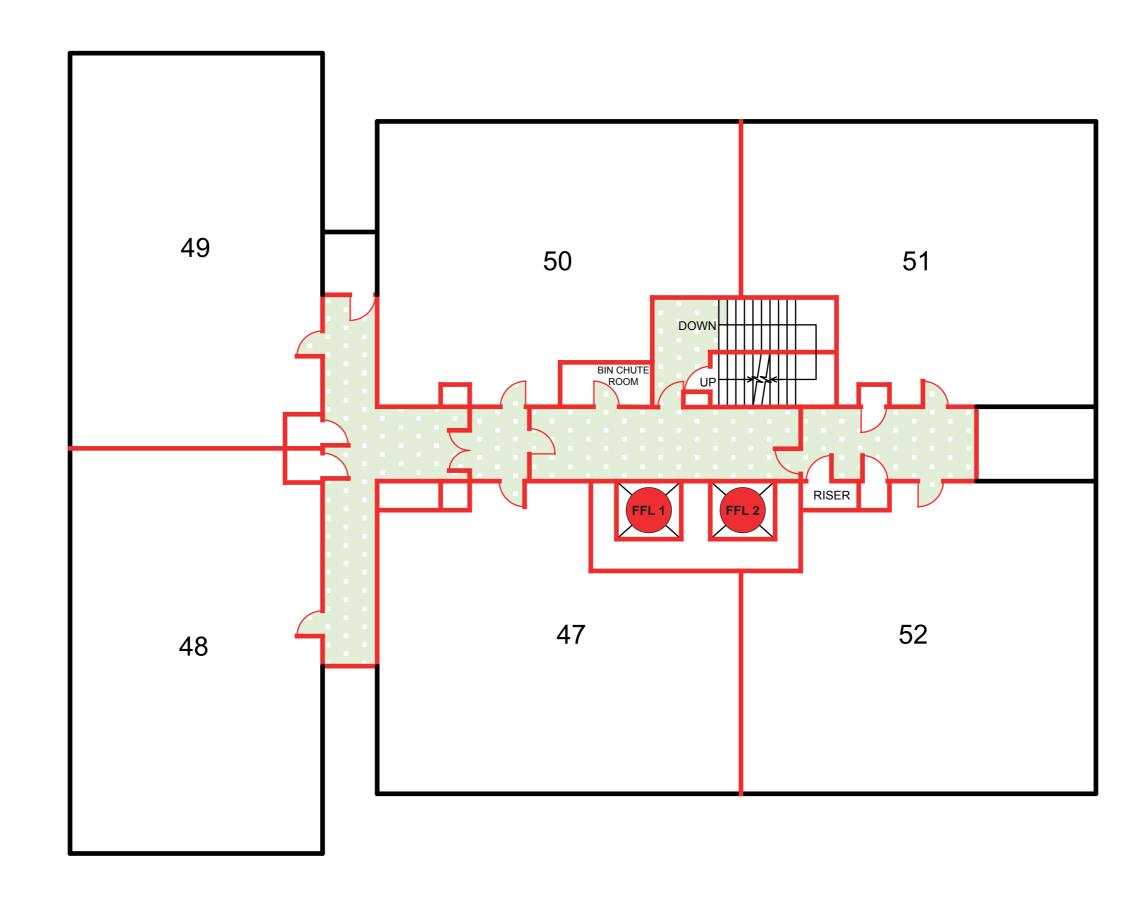
Main Access Point

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FLOOR 8

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Dry Riser Inlet

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AOV

FFL

Fire Fighters Lift

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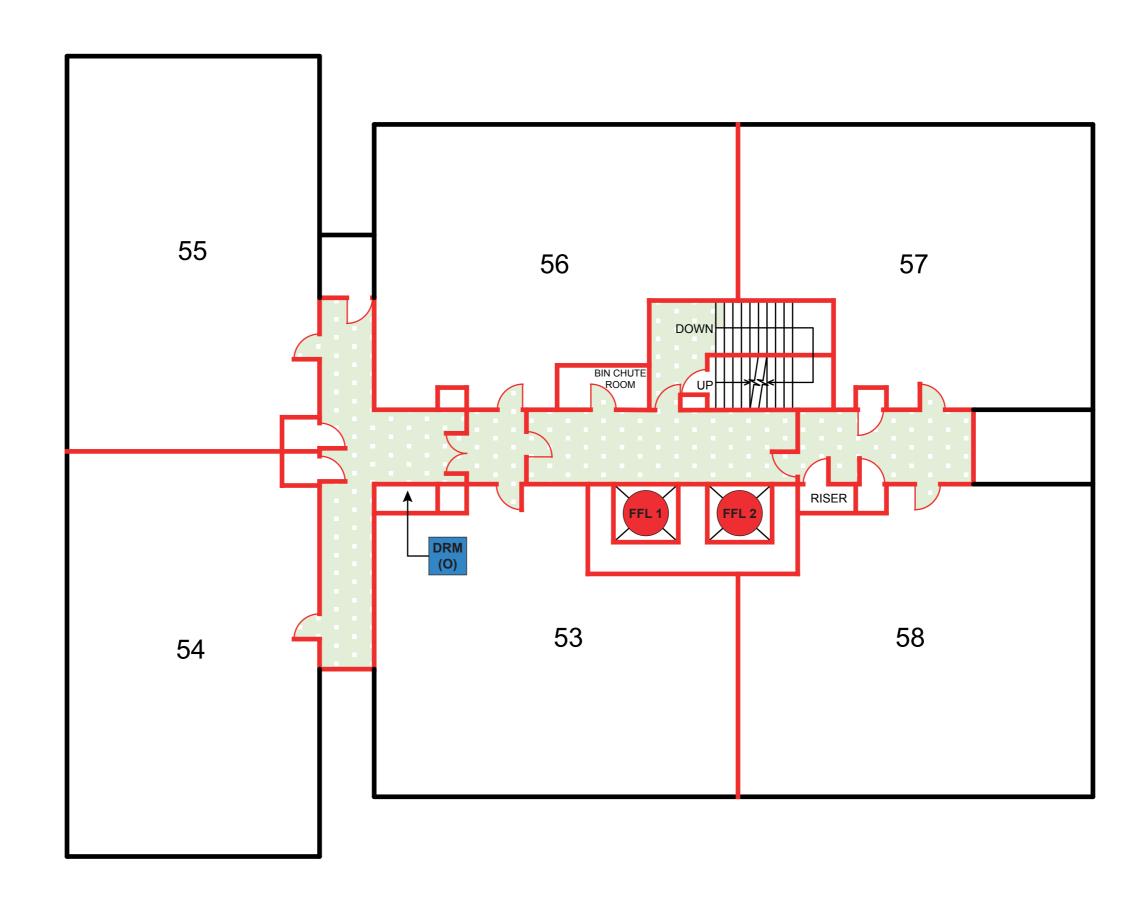
Main Access Point

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Main Electrical Intake

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Fire Alarm Control





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FLOOR 9

DRM (I)

Dry Riser Inlet

DRM (O)

Dry Riser Outlet

AOV CP

AOV Call Point

AOV

AOV

FFL

MAP

Main Access Point

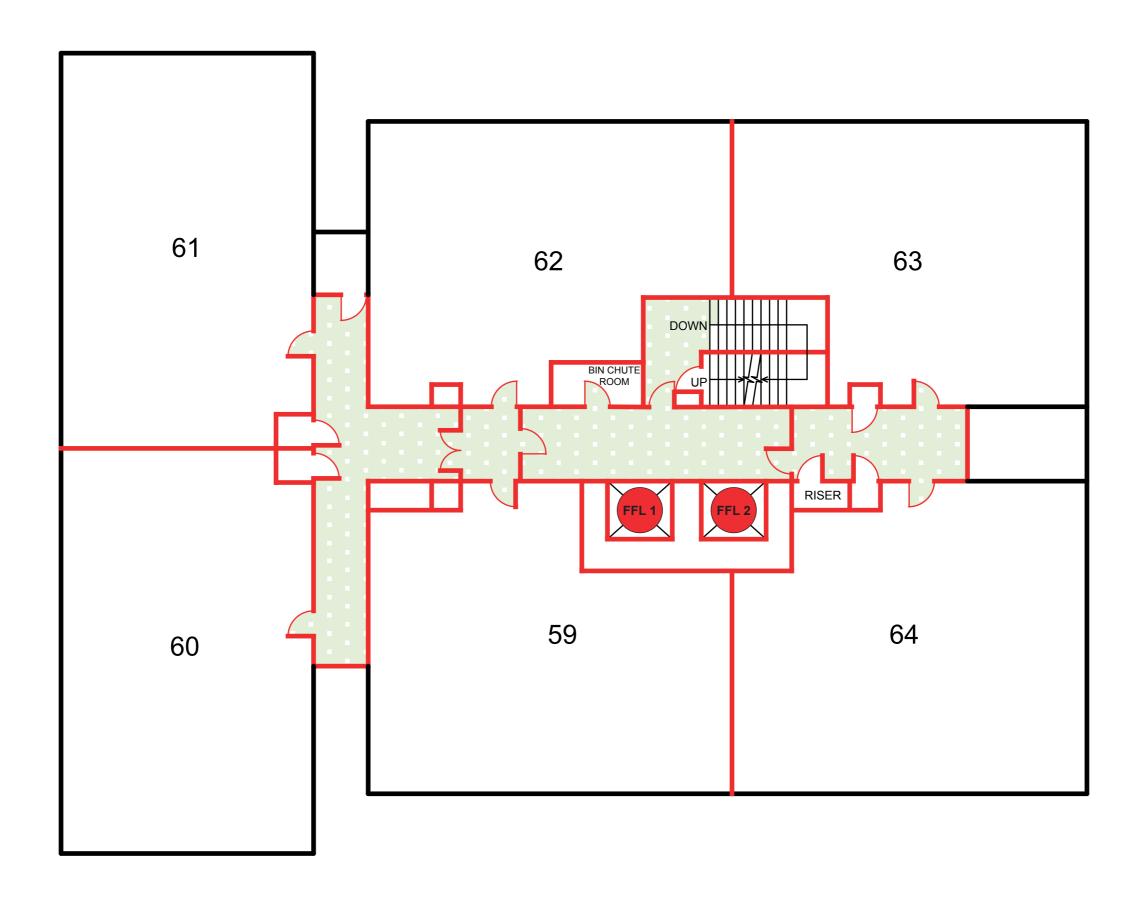
Fire Fighters Lift

**E** 

Main Electrical Intake

FSEA

Fire Alarm Control Panel





DRM (I)

Dry Riser Inlet

DRM (O)

Dry Riser Outlet

AOV CP

AOV Call Point

AOV

AOV

AO

FFL

Fire Fighters Lift

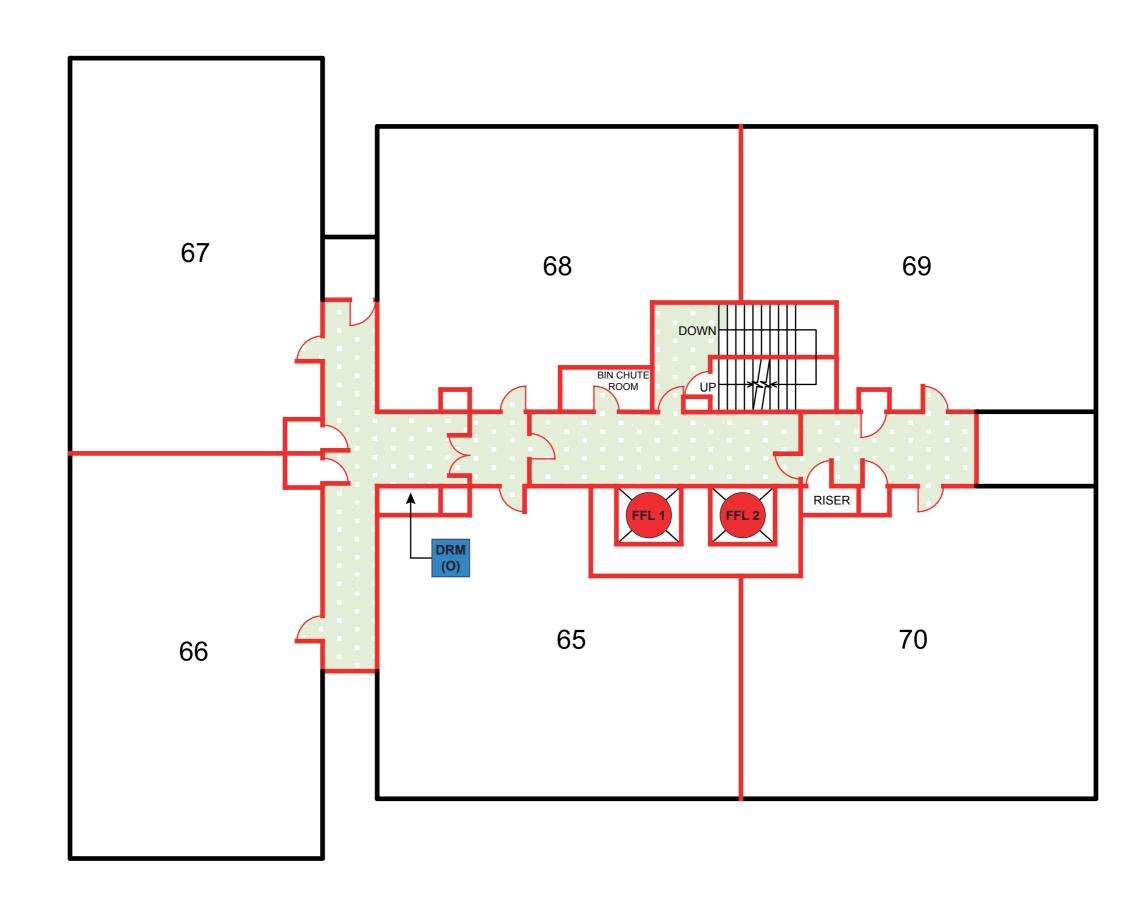
MAP

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FSEA





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DRM (O)

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AOV CP

AOV Call Point

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FFL

Fire Fighters Lift

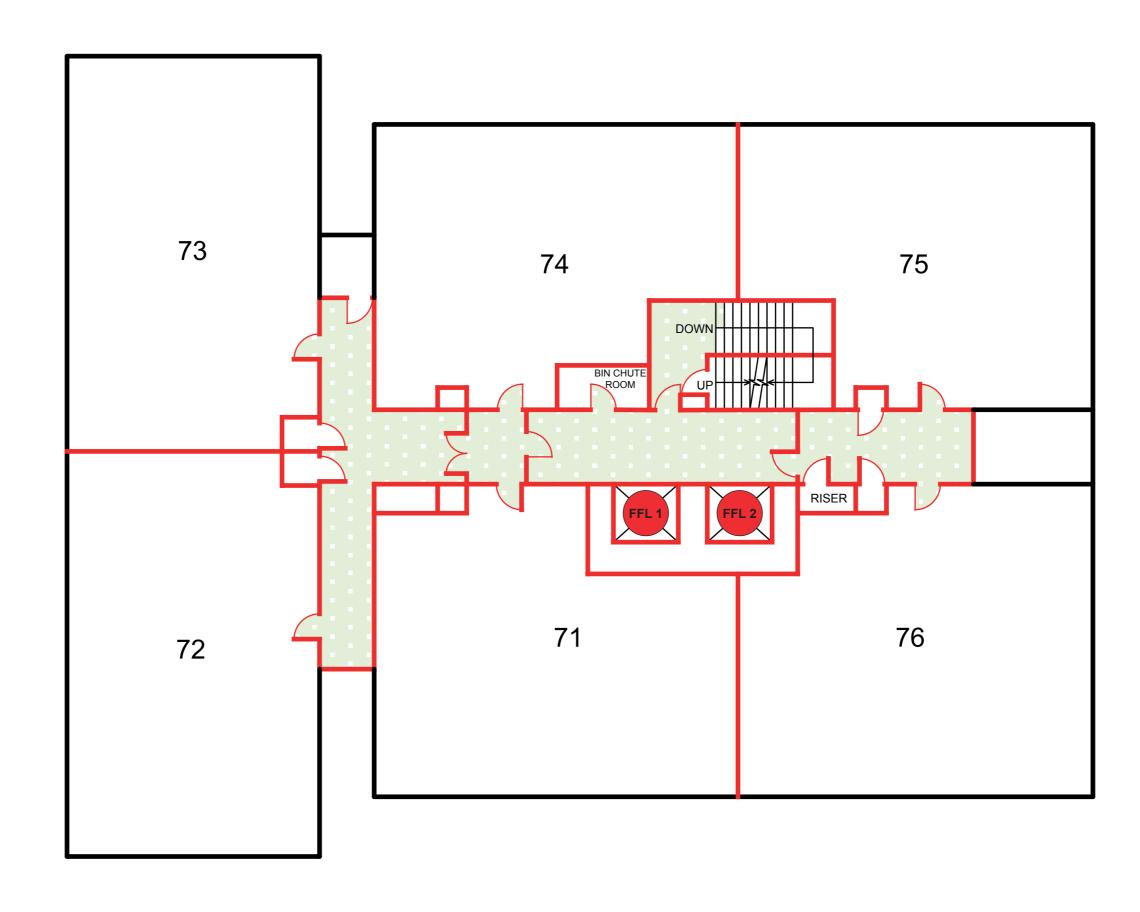
MAP

Main Access Point

E

Main Electrical Intake

FSEA





DRM (I)

Dry Riser Inlet

DRM (O)

Dry Riser Outlet

AOV CP

AOV Call Point

AOV

AOV

FFL

Fire Fighters Lift

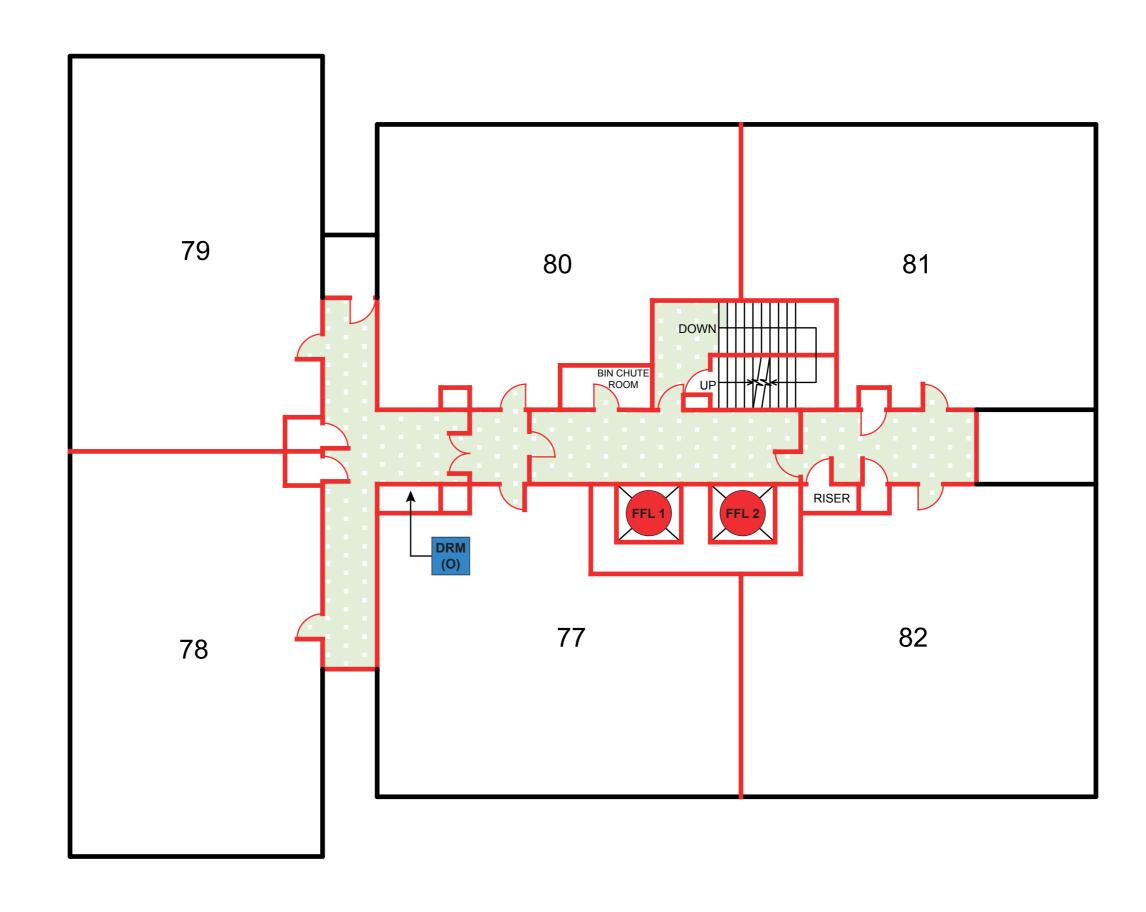
МАР

Main Access Point

E

Main Electrical Intake

FSEA





DRM (I)

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DRM (O)

Dry Riser Outlet

AOV CP

AOV Call Point

AOV

AOV

FFL

Fire Fighters Lift

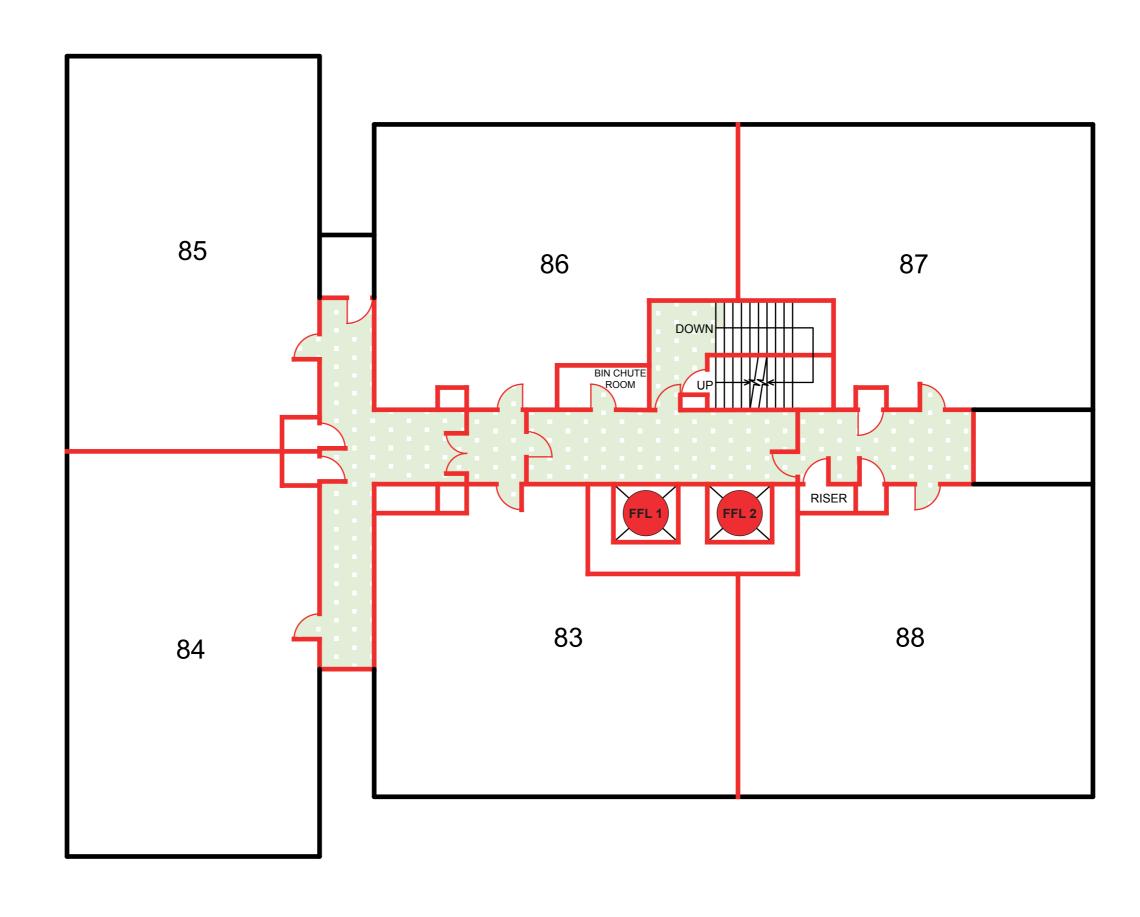
MAP

Main Access Point

E

Main Electrical Intake

FSEA





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DRM (O)

Dry Riser Outlet

AOV CP

AOV Call Point

AOV

AOV

OV AC

FFL

Fire Fighters Lift

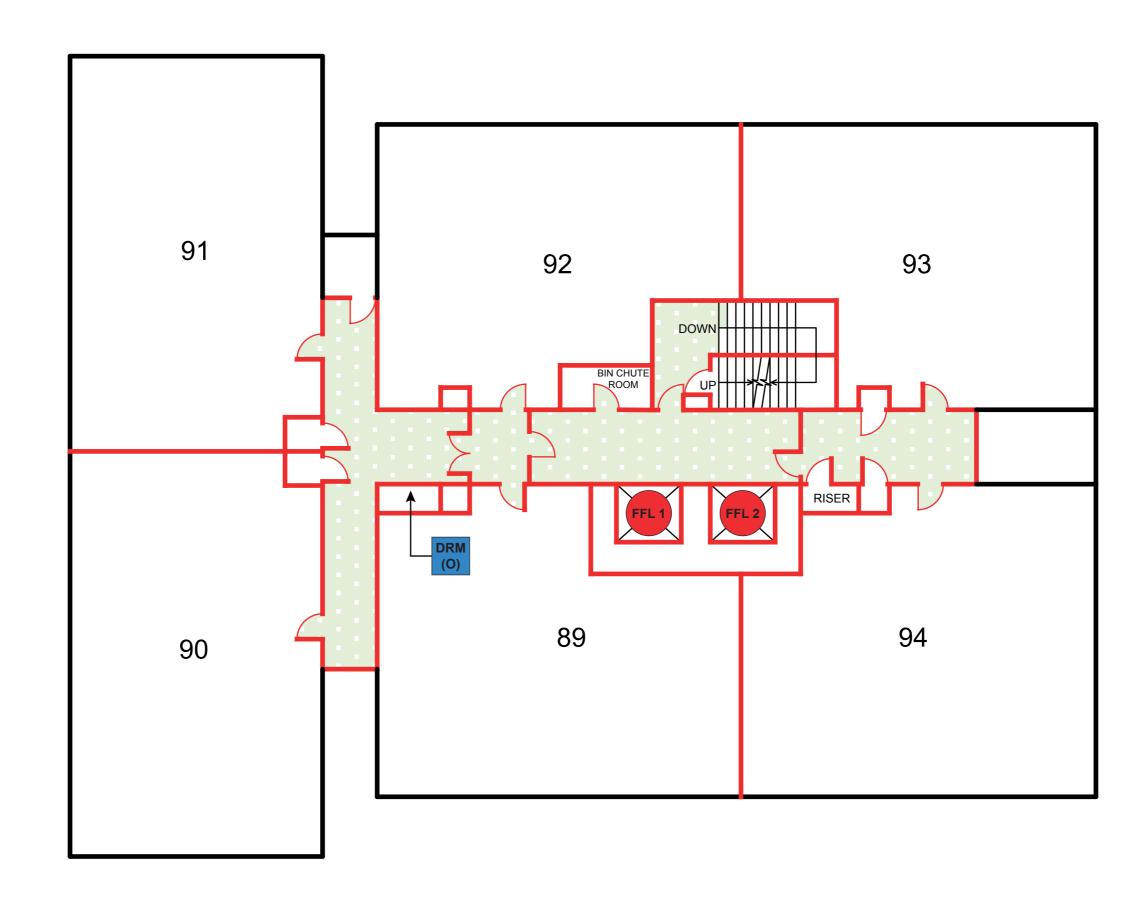
MAP

Main Access Point

E

Main Electrical Intake

FSEA





DRM (I)

Dry Riser Inlet

DRM (O)

Dry Riser Outlet

AOV CP

AOV Call Point

AOV

AOV

710

FFL

Fire Fighters Lift

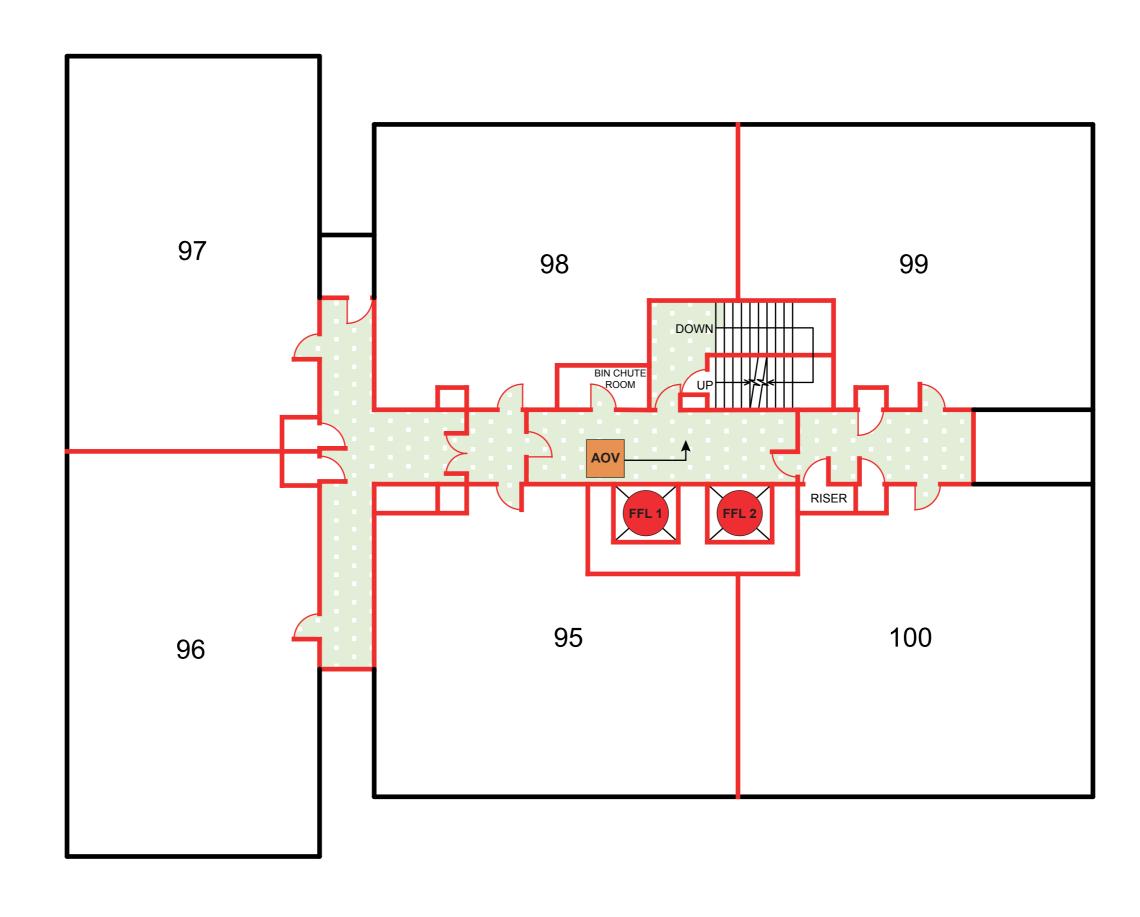
MAP

Main Access Point

E

Main Electrical Intake

FSEA





# SYMBOLS DRM (I) Dry Riser Inlet DRM (O) Dry Riser Outlet MAP Main Access Point

FLOOR				FLAT NO'S	3				
	LIFT MOTOR ROOM		0 0 0 0 0 0	8 8 8 8 8 8			0 0 0 0 0 0		0 0 0 0 0
16	99	98	) 97 97	96	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	LIFT LIFT	100	LOBBY	99
15	93	92	<sub>Аврот</sub> 91	90	∑ No Septimental No	LIFT LIFT	94	LOBBY	93
14	87	86	ABO 85	84	\(\hat{gg}\) 83	LIFT LIFT	88	LOBBY	87
13	81	80	∑8807 79	78	∑ 77	LIFT LIFT	82	LOBBY	81
12	75	74	\hat{gg} 73	72	\hat{gg} 71	LIFT LIFT	76	LOBBY	75
11	69	68	Àgg00 67	66	ÁBBO1 65	LIFT LIFT	70	ГОВВУ	69
10	63	62	ABB007 61	60	∑ <sub>1</sub> 59 59	LIFT LIFT	64	ГОВВУ	63
9	57	56	, S55	54	∑H8007 53	LIFT LIFT	58	ГОВВУ	57
8	51	50	Agg07	48	\A880 47	LIFT LIFT	52	ГОВВУ	51
7	45	44	Agg07 43	42	\text{\ABBO}\] \tag{\ABBO}	LIFT LIFT	46	LOBBY	45
6	39	38	\hat{Agg0} 37	36	∑H807 35	LIFT LIFT	40	LOBBY	39
5	33	32	Д З1	30	∑ <sub>880</sub> 29	LIFT LIFT	34	ГОВВУ	33
4	27	26	kg 25	24	∑ 23	LIFT LIFT	28	ГОВВУ	27
3	21	20	. Говву	18	\text{\lambda}{\text{RBBO}} 17	LIFT LIFT	23	ГОВВУ	21
2	15	14	Д 13	12	\text{\lambda} \text{\lambda} \text{\lambda} \text{\lambda} \text{\lambda}	LIFT LIFT	16	ГОВВУ	15
1	9	8	<b>∀</b> 880 7	6	∆BBO7	LIFT LIFT	10	LOBBY	9
G	3	REFUSE	) Agg 2	1	RECEPTION	LIFT LIFT L	4	ГОВВУ	3
_ <del>-</del>	WEST ELEVATION.  NORTH ELEVATION.  NORTH ELEVATION.  NORTH ELEVATION.								

Date last updated:

Updated by:

Person requiring rescue or evacuation by 3 or more fire-fighters and/or additional equipment.

Person requiring rescue or evacuation by 2 or less fire-fighters with no additional equipment required.





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**VERTICAL PLAN**