

# **Futures Fire Risk Assessment**

Futures Homeway, Flats 4-7 Dee Walk: NN11 4QN, - UPRN: 1650000 / 171925 / QA Approved / Paul Doodson

Flagged items	2	Actions	16
SITE NAME:			Futures Homeway, Flats 4-7 Dee Walk: NN11 4QN, - UPRN: 1650000, Fire Risk Assessments, Futures Homeway

Complete

#### **PROPERTY IMAGE**



UPRN:	1650000	
JOB NUMBER:	171925	
FRA COMPLETED BY:	Pennington Choices Limited	
FIRE RISK ASSESSOR NAME:	Lee Grint	
INSPECTION DATE:	8 Sep 2023	
REPORT STATUS:	QA Approved	
REASSESSMENT PRIORITY	Low - 3 Years	
VALID TO: (QA Use Only)	1 Oct 2026	
VALIDATION DATE: (QA Use Only)	1 Oct 2023	
VALIDATED BY: (QA Use Only)	Paul Doodson	

VALIDATOR'S SIGNATURE: (QA Use Only)



Photo 2

Flagged items & Actions	2 flagged, 16 actions
Flagged items	2 flagged, 0 actions
Assessment Risk Ratings / Premises Risk Rating	
Accordingly, it is considered that the risk to life from fire at these premises is:	MODERATE
Assessment Risk Ratings	
On satisfactory completion of all remedial works the risk rating of this building may be reduced to	TOLERABLE
Other actions	16 actions

## Detailed Risk Assessment Part 2 / C - Arson / C1

# Are premises secure against arson by outsiders? (Please state how)

The block is installed with an access control system and self closing entrance doors. The rear entrance door to the block was noted not to be closing fully under the power of its self closing device.



**Open** | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

## **C1**

The self closing device installed to the rear entrance door to the block should be repaired or replaced to ensure that the door closes fully from all angles.

Detailed Risk Assessment Part 2 / C - Arson / C2

#### Are bins secured or fire loading stored in a suitable location? (Please state bin type, location, if and how it is secured)

No

No

Wheelie bins were noted to be stored away from the building within an enclosed rear garden area with the exception of bin no. 4, which was located adjacent to the rear entrance door to the block.









Photo 12

Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

The bin noted should be relocated to the dedicated bin storage area away from the building. The residents should be informed that bins must remain in the dedicated storage area. Regular checks should be conducted to ensure compliance.

Detailed Risk Assessment Part 2 / F - Lightning / F1

### Does the building have a lightning protection system?

No lightning protection system was identified.

#### **Open** | Created by Lee Grint

### F1

At the time of the assessment, it could not be confirmed that lightning protection was installed or required, it is PCL recommendation that advice is sought from a competent person to determine whether lightning protection is required or not for the building in accordance with BS EN 62305-2:2012.

Detailed Risk Assessment Part 2 / G - Housekeeping / G2

# Are the escape routes kept clear of items combustible materials or waste and free of any trip hazards?

The following items were noted on the 1st floor landing:

- Building waste was discarded between the two flat entrance doors,
- Plants were located in multiple locations on the 1st floor landing,
- Furniture and other miscellaneous items were seen to be discarded on the first floor landing.



Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

#### G2

Items noted should be removed from the communal areas as soon as is reasonably practicable. Residents should be informed that items must not be stored in the communal areas at any time. Regular checks should be conducted to ensure compliance.

Detailed Risk Assessment Part 2 / L - Flat Entrance Doors / L1

# Are the sample inspection flat entrance door or doors in good condition and appropriately fire rated?

Flat entrance doors were seen to be FD30 fire rated doors. (NB. - from limited visual inspection, certification not seen; adequacy of installation not confirmed).

Flat 5 entrance door was seen to be a certified FD30 fire door leaf. The frame appeared to be a composite frame which was installed with intumescent strips and cold smoke seals. The door was installed with an overhead positive action self closing device.

No other flats accessed at the time of the assessment. Remaining flat entrance doors appeared uniform in design and appearance with Flat 5 entrance door.

Unknown

No

N/A

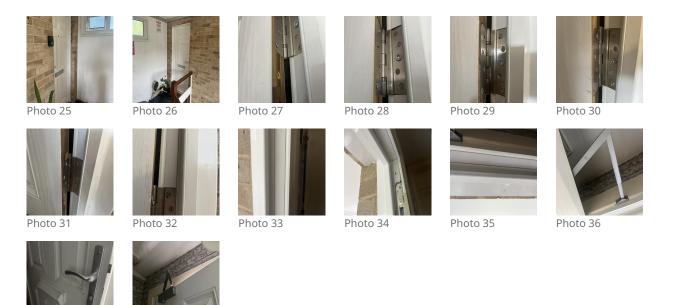


Photo 37

Photo 38

#### Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

#### L1

Management should establish an ongoing programme of rolling checks to flat entrance doors to ensure they are installed with combined intumescent strips/cold smoke seals and positive action self-closing devices.

Open	Priority Medium	Due 2 Jan 2024 12:00 AM UTC	Created by Lee Grint
------	-----------------	-----------------------------	----------------------

## L1

As flat entrances have been fitted with composite frames/doorsets, these should have test evidence demonstrating they meet the performance requirement in Building Regulations guidance for fire resistance and smoke control from the flat side only. Management should confirm that suitable fire door test certificates are held and that these relate to the doors fitted. If adequacy cannot be confirmed it may be necessary for frames/doorsets to be replaced under a risk-based programme.

Detailed Risk Assessment Part 2 / M - Common Area Fire Doors / M1

#### Are all common area fire door and frames in good condition and appropriately fire rated?

No

Doors to the electrical intake cupboard were seen to be 44mm thick solid core timber fire doors. The timber frame was installed with combined intumescent strips/cold smoke seals. The seals were noted to be missing at the time of the assessment.

The door to the electrical intake cupboard was unlocked at the time of the assessment.









Photo 39

Photo 41

Photo 42

Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

#### M1

The combined strips and seals noted to the electrical intake cupboard should be replaced.

Open | Priority Low | Due 1 Oct 2024 11:00 PM UTC | Created by Lee Grint

#### M1

The electrical intake cupboard door should remain locked shut at all times when not in use. Regular checks should be conducted to ensure compliance.

Detailed Risk Assessment Part 2 / O - Fire Safety Signs and Notices / O1

#### Is there adequate provision of visible fire safety signs and notices? (Consider directional, exits, stairs, fire action notices, Fire door keep shut, fire equipment and 'do not use lift' signage)

A fire action notice was installed to the common areas of the block denoting a 'Stay Put' evacuation strategy.

Fire door signage was not installed to the electrical intake cupboard doors.



Photo 44

Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

## 01

Fire Door - Keep Locked Shut" signage should be installed to the electrical intake cupboard doors.

Detailed Risk Assessment Part 2 / P - Means of Giving Warning in Case of Fire / P7

If applicable, is a separate domestic hard-wired smoke/heat alarm within the flats installed to a suitable standard?

No

No

Sample inspection of Flat 5 found it to be installed with Grade D LD3 detection.

## Open | Priority Low | Due 1 Oct 2024 11:00 PM UTC | Created by Lee Grint

## P7

It is recommended that management undertake a rolling schedule of inspection to ensure that all flats are fitted with a suitable, automatic fire detection and warning system. The system should meet compliance with BS5839-6:2019, with the level of protection from the system meeting Grade D, LD2 standard. Where this standard is not present, upgrades should take place. All work must be completed by a third-party accredited contractor.

Detailed Risk Assessment Part 2 / Q	· Measures to Limit Fire Spread and Development / Q1
-------------------------------------	--

## Is there adequate levels of compartmentation between floors and between flats and the common escape routes?

No

The property is a purpose built block with what appears to be an adequate standard of compartmentation (subject to recommendations which may be noted elsewhere in this report). It was noted that the steel conduit entering into flat 4 had a visible hole where services entered the flat.



#### Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

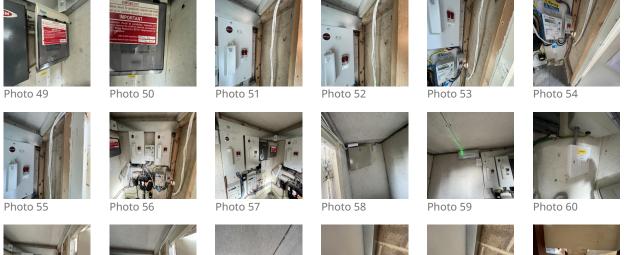
#### Q1

Penetrating services noted should be fire stopped from both sides to prevent the passage of smoke and other products of combustion between compartments in the event of a fire. It is also recommended that other service penetrations entering into flats are checked to ensure services are adequately fire stopped. Remedial works should be completed by a competent third party accredited contractor.

Detailed Risk Assessment Part 2 / Q - Measures to Limit Fire Spread and Development / Q5

#### Are electrics, including embedded meters, enclosed in fire rated construction?

The electrical intake cupboard did not appear to be adequately fire resisting. Compartment boundaries were not adequately sealed and construction to the front wall and ceiling did not appear to be constructed from fire resisting materials. As the cupboard is located directly beneath the escape stairs which appear to be constructed from timber, this is deemed a high risk. Penetrating services were also not seen to be adequately fire stopped.









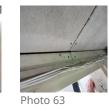








Photo 66

## Open | Priority High | Due 2 Nov 2023 12:00 AM UTC | Created by Lee Grint

#### Q5

The electrical intake cupboard should be upgraded to ensure that the compartment offers a minimum of 60 minutes resistance from fire. This should include the fire stopping of all

No



penetrating services. Remedial works should be completed by a competent third party accredited contractor.

Detailed Risk Assessment Part 2 / Q - Measures to Limit Fire Spread and Development / Q9

#### Does the premises have any external balconies, cladding or materials which may promote external fire spread?

The external wall construction of the building appears to be of sufficiently low risk that it can be assessed visually as part of this Type 1 assessment. The external wall is constructed from traditional brick and block under a pitched and tiled roof.

It was noted that timber panels were present between ground and first floor windows for the common areas and for flats. This could promote fire spread from one storey to another.



Open | Priority Low | Due 1 Oct 2024 11:00 PM UTC | Created by Lee Grint

#### **Q**9

It is recommended that an FRAEW be commissioned to assess the materials noted and their likelihood of promoting external fire spread.

Detailed Risk Assessment Part 2 / T - Procedures and Arrangements / T6

#### Are there adequate procedures in place for the evacuation of disabled people who are likely to be present?

Although this is a general needs block, it was not possible to establish if there were any disabled persons present.

**Open** | Created by Lee Grint

## T6

PEEPs are currently not applicable in general needs properties, however a Person-Centred Fire Risk Assessment (PCFRA) may be appropriate, if a resident has been identified as especially vulnerable and at risk from fire hazards in their property. It is recommended that the provider works with the identified vulnerable resident or their representative to help to reduce risk from fire and where necessary involve other agencies.

Detailed Risk Assessment Part 2 / W - Records / W1

#### Is all routine testing and staff training including fire drills suitably recorded and available for inspection?

Records were not available at the time of the assessment.

Open | Priority Low | Due 1 Oct 2024 11:00 PM UTC | Created by Lee Grint

#### W1

The client should ensure they are keeping accurate records of testing, maintenance and staff



Unknown

Unknown

Unknown

training in relation to fire training and other relevant sections of this report. Records can be kept on site in paper format or held centrally by electronic means.

#### Detailed Risk Assessment Part 2 / Y - Engagement with Residents / Y1

# Has all Fire Safety information & procedures been disseminated to the residents?

It could not be confirmed if the fire safety information and procedures have been disseminated to the residents of the block.

Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

Y1

The client should ensure that residents are provided with a copy of the fire safety instruction notice for the premises (when moving in and annually thereafter). The client should also ensure that information regarding Fire Door is provided to new residents when they move in and re-issued to all residents as required by the Fire Safety (England) Regulations 2022.

Unknown

**Detailed Risk Assessment Part 1** 

## 1. General Information

1.1 FRA Type:	Type 1 (Non-Destructive)	
1.2 Property Type:	Purpose Built Block of Flats	
1.3 Property Designation:	General Needs	
1.4 Responsible Person:	Lindsey Williams - CEO Futures Housing Group	
1.5 No of Floors:	2	
1.6 No of Flats (if applicable):	4	
1.7 Ground Floor Area (m2):	120m2	
1.8 Total Area of all Floors (m2)	240m2	

## **1.9 Building Description:**

4-7 Dee Walk is a purpose built block of 4 self contained general needs flats set across 2 floors. Flats 4 & 6 are located on the ground floor and flats 5 & 7 are located on the first floor. Flats are accessed directly off of the means of escape without lobby protection.

The block entrance door opens into the ground floor lobby which contains the electrical intake cupboard,  $2 \times flat$  entrance doors, the rear entrance door to the block and the stairs to the first floor. The first floor contains the landing, and  $2 \times flat$  entrance doors.

Means of escape from the block is via the stairs which terminate in the ground floor entrance lobby. This in turn leads to the front or rear entrance doors, both of which discharge outside to places of ultimate safety.

The block operates a 'Stay Put' evacuation strategy. No communal fire detection and warning system was seen to be installed. Emergency escape lighting was installed throughout.

## **1.10 Building Construction:**

The building is constructed from traditional brick and block construction under a pitched and tiled roof. The internal walls separating the common areas from the flats is brick and block. Internal floors are constructed from concrete.

## 1.11 Extent of common areas:

Lobby, electrical intake cupboard, landing, external areas.

## 1.12 Areas of the building to which access was not available:

None.

1.13 If applicable, state which flats were sample inspected:

# 2. The Occupants

### 2.1 Management Extent

Non Managed - eg GN

Purpose Built Blocks

### 2.2 Details of any onsite Management

Occasional staff attendance expected - low numbers anticipated.

## 2.3 Person managing fire safety in the premises

Lindsey Williams - CEO Futures Housing Group.

## 2.4 Person consulted during the fire risk assessment

Resident of flat 5.

## 2.5 Number of occupants (maximum estimated)

Assumed to be two residents per flat - Exact numbers not known.

#### 2.6 Approximate maximum number of employees at any one time

No staff on site - Occasional staff attendance expected – low numbers anticipated.

## 2.7 Number of members of the public (maximum estimated)

Residential block - low number of visitors expected at any one time.

#### 2.8 Identify any people who are especially at risk (Sleeping **Occupants, Disabled Occupants, Occupants in remote areas** and Lone Workers, Young Persons, Others)

General Needs - No information, however, General Needs premises so occupants are typical of the general population.

# 3. Fire Safety Legislation

3.1 The following fire safety legislation applies to these premises	Regulatory Reform (Fire Safety) Order 2005
3.2 The above legislation is enforced by	Northamptonshire Fire and Rescue Service
3.3 Other key fire safety legislation (other than Building Regs 2000)	Housing Act 2004
3.4 The other legislation referred to above is enforced by	
The Local Housing Authority.	
3.5 Guidance used as applicable to premises and occupation	Home Office Fire Safety in Purpose Built Blocks

## 3.6 Is there an alteration or enforcement notice in force?

No evidence of an alterations or enforcement notice in place.

## 3.7 Fire loss experience (since last FRA)

None known or reported.

Unknown

Unknown

# A - Electrical Ignition Sources

## **A1**

# Is the fixed electrical installation periodically inspected and tested, (include dates if known)?

A sticker affixed to the electrical distribution board showed a last test date of 27/05/2020. See Policy Principle.



Photo 3

Policy Principle: FHG complete Fixed wire testing in line with current regulations every 5 years and complete an annual visual inspection on all properties.

## **A2**

## Is PAT testing in common areas carried out?

No portable appliances noted. See Policy Principle.

Policy Principle: PAT testing is complete at the time of the visual inspection as mentioned above. All items in the communal areas will be tested.

## **A3**

# Is there a policy for personal electrical appliances (consider restrictions of communal supply points such as outlets and T pin outlets)?

No portable appliances noted. See Policy Principle.

Policy Principle: PAT testing is complete at the time of the visual inspection as mentioned above. All items in the communal areas will be tested.

## **A4**

## Is the use of adapters and leads limited?

No adapters or leads present in the common areas.

## A5

## Are they any PV cells installed and do they have the

16 actions

Yes



N/A

N/A

N/A

#### appropriate isolation systems and signage to assist the fire and rescue service?

No PV cells noted.

# **B** - Smoking Policies

## **B1**

#### Are there suitable arrangements to prevent fire as a result from smoking?

See policy principle.

Policy Principle: No smoking policy in all communal areas- signage displayed.

## **B2**

#### Is the policy being adhered to and are "No smoking" signs provided in the common areas?

Residents who wish to smoke can do so within their private accommodation only. No evidence of illicit smoking was seen in the common area at the time of inspection. 'No Smoking' signage is provided in the common area as required by the Smoke-free (Premises and Enforcement) Regulations 2006.

Yes

Yes

No

2 actions

1 action



Photo 4

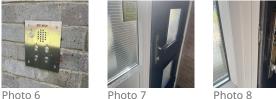


# C - Arson

**C1** 

### Are premises secure against arson by outsiders? (Please state how)

The block is installed with an access control system and self closing entrance doors. The rear entrance door to the block was noted not to be closing fully under the power of its self closing device.



## Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

**C1** 

The self closing device installed to the rear entrance door to the block should be repaired or replaced to ensure that the door closes fully from all angles.

Action/Recommendation Required?	Yes
Action Priority:	Medium - 3 Months
C2	1 action

#### Are bins secured or fire loading stored in a suitable location? (Please state bin type, location, if and how it is secured)

Wheelie bins were noted to be stored away from the building within an enclosed rear garden area with the exception of bin no. 4, which was located adjacent to the rear entrance door to the block.









Photo 9

Photo 11

Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

#### C2

The bin noted should be relocated to the dedicated bin storage area away from the building. The residents should be informed that bins must remain in the dedicated storage area. Regular checks should be conducted to ensure compliance.

Action/Recommendation Required?	Yes
Action Priority:	Medium - 3 Months

# **D** - Portable Heaters and Installations

## **D1**

## If used, is the use of portable heaters regarded as safe?

No portable heaters were noted within the common area at the time of inspection.

## **D2**

## Are fixed heating systems maintained annually?

The common area has no form of fixed heating and individual residential units have their own heating systems.

Policy Principle: All Safety inspections carried out annually by qualified persons.

# E - Cooking

No

N/A

# Are reasonable measures in place to prevent fires as a result N/A of cooking, including replacing filter(where necessary)? No common cooking facilities are provided in the premises. F - Lightning 1 action F1 1 action Does the building have a lightning protection system? N/A No lightning protection system was identified. **Open** | Created by Lee Grint F1 At the time of the assessment, it could not be confirmed that lightning protection was installed or required, it is PCL recommendation that advice is sought from a competent person to determine whether lightning protection is required or not for the building in accordance with BS EN 62305-2:2012. Policy Principle: No lightning protection policy in place **Action/Recommendation Required? Action Priority: Recommendation - No Timescale** G - Housekeeping 1 action **G1** Are combustible materials kept away from any sources of Yes ignition, including gas and electrical intake cupboards? The electrical intake/meter cupboard was clear of combustible storage at the time of inspection. **G2** 1 action Are the escape routes kept clear of items combustible No materials or waste and free of any trip hazards?

The following items were noted on the 1st floor landing:

**E1** 

- Building waste was discarded between the two flat entrance doors,

- Plants were located in multiple locations on the 1st floor landing,

- Furniture and other miscellaneous items were seen to be discarded on the first floor landing.



## Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

#### G2

Items noted should be removed from the communal areas as soon as is reasonably practicable. Residents should be informed that items must not be stored in the communal areas at any time. Regular checks should be conducted to ensure compliance.

Action/Recommendation Required?	Yes
Action Priority:	Medium - 3 Months
G3	
Are mobility scooters or electric vehicles stored in the means of escape? If yes has an assessment been undertaken in line with the NFCC "Mobility Scooter Guidance for Residential Buildings"?	N/A

No mobility scooters noted.

# H - Hazards Introduced by Contractors

#### H1

# Is there satisfactory control over works carried out in the building by contractors (e.g. hot work permits)?

No hot works noted at the time of the assessment. See policy principle.

Policy Principle: All contractors must submit RAMS for procurement processes, and these are reviewed annually by FHG. A specific risk assessment is to be completed for each job.

# I - Dangerous Substances

## **I1**

If dangerous substances are used, has a risk assessment been carried out as required by the Dangerous Substances and Explosives Atmospheres Regulations 2002 and are they stored correctly?

N//

N/A

No dangerous substances were noted being stored or in use at the time of inspection.

# J - Other Significant Hazards

## **J1**

## Are all issues deemed satisfactory? [1]

There were no other fire hazard issues noted at the time of inspection.

## **J2**

## Are all issues deemed satisfactory? [2]

There were no other fire hazard issues noted at the time of inspection.

# **K** - Means of Escape

## **K1**

#### Is the escape route design deemed satisfactory? (Consider current design codes)

The means of escape design is broadly in accordance with current design codes and is deemed satisfactory.

## **K2**

#### Is the fire-resisting construction (including any glazing) protecting escape routes and staircases of a suitable standard and maintained in sound condition?

The escape routes are considered to be adequately protected (subject to recommendations which may be noted elsewhere in this report).

## **K3**

#### Is there adequate provision of exits (including exit Widths) for the numbers who may be present?

The provision of exits is considered adequate for the number of people expected to be present. The exit widths provided appear adequate for the numbers expected to be present.

## K4

#### Are doors on escape routes easily opened? (and are sliding or revolving doors avoided?)

All doors on escape routes are fitted with ironmongery which is easily opened without the use of a key, and there are no sliding or revolving doors.

Thumb turn mechanisms are installed to the front and rear entrance doors.

Yes

Yes

Yes

Yes



Yes



Photo 19

## K5

### Do final exits open in the direction of escape where necessary?

Final exit doors open inwards. This is deemed acceptable due to the occupancy levels expected.

## **K6**

#### Are travel distances satisfactory? (consider single direction and more than one direction, property risk profile and occupancy characteristics)

Travel distances appear to be in line with that allowed in LGA - 'Fire safety in purpose built blocks of flats' – 2012.

## **K7**

#### Are there suitable precautions for all inner rooms? N/A

No inner rooms noted.

## **K8**

## Are escape routes separated where appropriate?

There is a single means of escape route within the property, which leads to a final exit. Escape route separation is not required.

## **K9**

## Are corridors sub-divided where appropriate?

No corridors requiring cross-corridor fire doors were noted in the property.

## **K10**

#### Do escape routes lead to a place of safety? Yes

Escape routes lead to a place of safety.

## K11

Are the stairs and/or lobbies provided with adequate ventilation? (If considered satisfactory, please state provision)

Yes



Yes

Yes

N/A

N/A

The communal areas are adequately ventilated via a combination of manually opening doors located on the ground floor and manually opening windows on the first floor landing.



Photo 21

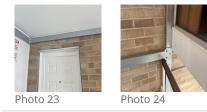
## K12

L1

#### Are there any other issues that could affect the means of escape, for example plastic conduit/loose cables not secured by fire rated fastening?

No

Wiring appeared to be enclosed within non-combustible conduit.



# L - Flat Entrance Doors

2 actions

### Are the sample inspection flat entrance door or doors in good condition and appropriately fire rated?

Flat entrance doors were seen to be FD30 fire rated doors. (NB. - from limited visual inspection, certification not seen; adequacy of installation not confirmed).

Flat 5 entrance door was seen to be a certified FD30 fire door leaf. The frame appeared to be a composite frame which was installed with intumescent strips and cold smoke seals. The door was installed with an overhead positive action self closing device.

No other flats accessed at the time of the assessment. Remaining flat entrance doors appeared uniform in design and appearance with Flat 5 entrance door.



Photo 25





Photo 32



Photo 27



Photo 33





Photo 34





Unknown







2 actions

Photo 30



Photo 36



Photo 37

Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

L1

Management should establish an ongoing programme of rolling checks to flat entrance doors to ensure they are installed with combined intumescent strips/cold smoke seals and positive action self-closing devices.

Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

#### L1

As flat entrances have been fitted with composite frames/doorsets, these should have test evidence demonstrating they meet the performance requirement in Building Regulations guidance for fire resistance and smoke control from the flat side only. Management should confirm that suitable fire door test certificates are held and that these relate to the doors fitted. If adequacy cannot be confirmed it may be necessary for frames/doorsets to be replaced under a risk-based programme.

Action/Recommendation Required?	Yes
Action Priority:	Medium - 3 Months
M - Common Area Fire Doors	2 actions

## **M1**

#### Are all common area fire door and frames in good condition and appropriately fire rated?

Doors to the electrical intake cupboard were seen to be 44mm thick solid core timber fire doors. The timber frame was installed with combined intumescent strips/cold smoke seals. The seals were noted to be missing at the time of the assessment.

The door to the electrical intake cupboard was unlocked at the time of the assessment.









Photo 39

Photo 40

Photo 41

Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

2 actions

No

#### M1

The combined strips and seals noted to the electrical intake cupboard should be replaced.

#### Open | Priority Low | Due 1 Oct 2024 11:00 PM UTC | Created by Lee Grint

#### M1

The electrical intake cupboard door should remain locked shut at all times when not in use. Regular checks should be conducted to ensure compliance.

Action/Recommendation Required?	Yes
Action Priority:	Medium - 3 Months

# **N** - Emergency Lighting

## **N1**

#### If emergency lighting is provided, is the coverage sufficient and in good repair? (Internal and external)

A visual inspection of the emergency lighting system installed to the client's premises confirmed that it appears to be in accordance with BS 5266.



Photo 43

## **N2**

If EL not provided, is borrowed/artificial lighting sufficient for escape? (Internal and external)	N/A
O - Fire Safety Signs and Notices	1 action
01	1 action
Is there adequate provision of visible fire safety signs and	

notices? (Consider directional, exits, stairs, fire action notices, Fire door keep shut, fire equipment and 'do not use lift' signage)

A fire action notice was installed to the common areas of the block denoting a 'Stay Put' evacuation strategy.

Fire door signage was not installed to the electrical intake cupboard doors.





Photo 44

Photo 45



Yes

No

Fire Door - Keep Locked Shut" signage should be installed to the elect	rical intake cupboard door
Action/Recommendation Required?	Yes
Action Priority:	Medium - 3 Months
02	
Wayfinding Signage (buildings over 11 metres in height). Are there clear markings for flat and floor recognition provided?	N/A
The building is less than 11m in height.	
P - Means of Giving Warning in Case of Fire	1 act
P1	
Is a reasonable fire detection and fire alarm system provided in the common areas, where necessary?	N/A
The building is a purpose built block of flats with an adequate standar (subject to recommendations made elsewhere in this report). The bloc 'Stay Put' evacuation strategy. A fire detection and warning system is t	k is suitable to operate a
(subject to recommendations made elsewhere in this report). The bloc	k is suitable to operate a
(subject to recommendations made elsewhere in this report). The bloc 'Stay Put' evacuation strategy. A fire detection and warning system is t	k is suitable to operate a
(subject to recommendations made elsewhere in this report). The bloc 'Stay Put' evacuation strategy. A fire detection and warning system is t P2 If installed, is the common area AFD adequate for the	k is suitable to operate a herefore not required.
(subject to recommendations made elsewhere in this report). The bloc 'Stay Put' evacuation strategy. A fire detection and warning system is t P2 If installed, is the common area AFD adequate for the occupancy and fire risk?	k is suitable to operate a herefore not required.
(subject to recommendations made elsewhere in this report). The bloc 'Stay Put' evacuation strategy. A fire detection and warning system is t P2 If installed, is the common area AFD adequate for the occupancy and fire risk? See P1.	k is suitable to operate a herefore not required.
(subject to recommendations made elsewhere in this report). The bloc 'Stay Put' evacuation strategy. A fire detection and warning system is t P2 If installed, is the common area AFD adequate for the occupancy and fire risk? See P1. P3 If not installed, are the premises deemed safe without a	k is suitable to operate a herefore not required. N/A
(subject to recommendations made elsewhere in this report). The bloc 'Stay Put' evacuation strategy. A fire detection and warning system is t P2 If installed, is the common area AFD adequate for the occupancy and fire risk? See P1. P3 If not installed, are the premises deemed safe without a common area AFD system?	k is suitable to operate a herefore not required. N/A
(subject to recommendations made elsewhere in this report). The bloc 'Stay Put' evacuation strategy. A fire detection and warning system is the P2 If installed, is the common area AFD adequate for the occupancy and fire risk? See P1. P3 If not installed, are the premises deemed safe without a common area AFD system? See P1.	k is suitable to operate a herefore not required. N/A

Where appropriate, has a fire alarm zone plan been provided?	N/A
P6	
Where appropriate, are there adequate arrangements for silencing and resetting an alarm condition?	N/A
P7	1 action
If applicable, is a separate domestic hard-wired smoke/heat alarm within the flats installed to a suitable standard?	No
Sample inspection of Flat 5 found it to be installed with Grade D LD3	detection.
Open   Priority Low   Due 1 Oct 2024 11:00 PM UTC   Created by	/ Lee Grint
meet compliance with BS5839-6:2019, with the level of protection fro D, LD2 standard. Where this standard is not present, upgrades shou completed by a third-party accredited contractor. Action/Recommendation Required?	
Action Priority:	Low - 12 Months
P8	
If applicable (Sheltered scheme) is the smoke detection within the flats monitored by an alarm receiving centre/on site scheme manager via a telecare system?	N/A
Q - Measures to Limit Fire Spread and Development	3 actions
Q1	1 action
Is there adequate levels of compartmentation between floors and between flats and the common escape routes?	No

and between flats and the common escape routes?

The property is a purpose built block with what appears to be an adequate standard of compartmentation (subject to recommendations which may be noted elsewhere in this report).

It was noted that the steel conduit entering into flat 4 had a visible hole where services entered the flat.



Photo 46

Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

## Q1

Penetrating services noted should be fire stopped from both sides to prevent the passage of smoke and other products of combustion between compartments in the event of a fire. It is also recommended that other service penetrations entering into flats are checked to ensure services are adequately fire stopped. Remedial works should be completed by a competent third party accredited contractor.

Action/Recommendation Required?	Yes
Action Priority:	Medium - 3 Months

## **Q2**

Are hidden voids appropriately enclosed and/or fire-stopped? N/A (consider above suspended ceilings)

No hidden voids were identified during this inspection. (A Type 1 Fire Risk Assessment (non-intrusive/non-destructive) is unable to provide full information in this regard).

## **Q**3

Is there adequately fire protected service risers and/or ducts in common areas, that will restrict the spread of fire and smoke?

No riser cupboards or ducts noted.

## **Q4**

#### Is compartmentation maintained in the roof space?

Compartmentation within the roof space showed adequate separation between the flats and common areas.



**Q5** 

1 action

## Are electrics, including embedded meters, enclosed in fire

No

Yes

#### rated construction?

The electrical intake cupboard did not appear to be adequately fire resisting. Compartment boundaries were not adequately sealed and construction to the front wall and ceiling did not appear to be constructed from fire resisting materials. As the cupboard is located directly beneath the escape stairs which appear to be constructed from timber, this is deemed a high risk. Penetrating services were also not seen to be adequately fire stopped.

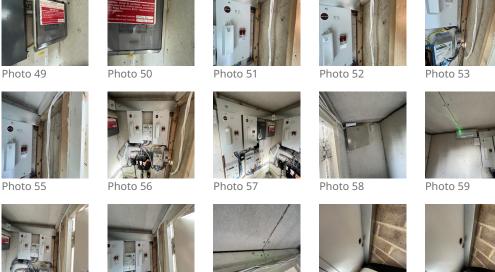






Photo 54



Photo 60



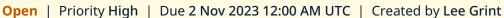
Photo 66

Photo 61 Photo 62

Photo 63

Photo 64





## Q5

The electrical intake cupboard should be upgraded to ensure that the compartment offers a minimum of 60 minutes resistance from fire. This should include the fire stopping of all penetrating services. Remedial works should be completed by a competent third party accredited contractor.

Action/Recommendation Required?	Yes
Action Priority:	High - 1 Month

### **Q6**

As far as can reasonably be ascertained, are fire dampers provided as necessary to protect critical means of escape against passage of fire, smoke and products of combustion in the early stages of a fire?

N/A

There were no common ventilation systems or dampers noted within this property.

## **Q7**

Is there reasonable limitation of linings to escape routes that might promote fire spread?

## The wall and ceiling linings would appear to be appropriate to limit fire spread.

Photo 67

## **Q8**

### Are soft furnishings in common areas appropriate to limit fire spread/growth?

There were no soft furnishings noted within the common areas at the time of inspection.

## **Q9**

### Does the premises have any external balconies, cladding or materials which may promote external fire spread?

The external wall construction of the building appears to be of sufficiently low risk that it can be assessed visually as part of this Type 1 assessment. The external wall is constructed from traditional brick and block under a pitched and tiled roof.

It was noted that timber panels were present between ground and first floor windows for the common areas and for flats. This could promote fire spread from one storey to another.

# It is recommended that an FRAEW be commissioned to assess the materials noted and their likelihood of promoting external fire spread.

Open | Priority Low | Due 1 Oct 2024 11:00 PM UTC | Created by Lee Grint

Action/Recommendation Required?	Yes
Action Priority:	Low - 12 Months

## Q10

Q9

Has a note been prepared of the external walls of the building and details of construction materials used? Does the note include and identify the level of risk that the design and materials used?

N/A





1 action

N/A

Unknown

Does the External wall note include any mitigating circumstances that may have been taken to reduce the risk?	N/A
Q12	
Has the responsible person reviewed the external wall note on a regular basis and revised it if there have been any significant changes in the external walls.	N/A
Q13	
Are all other fire spread/compartmentation issues satisfactory?	Yes
See Q9.	
R - Fire Extinguishing Appliances	
R1	
If required, is there reasonable provision of accessible portable fire extinguishers?	N/A
S - Relevant Automatic Fire Extinguishing Systems	
S1	
Are there any automatic fire suppressant systems on site?	N/A
S2	
Are there any fixed fire fighting mains within the premises?	N/A
S3	
If any other relevant systems / equipment is installed, state type of system and comment as necessary	N/A
T - Procedures and Arrangements	1 action
T1	
Recommended evacuation strategy for this building is:	Stay Put
T2	

#### Has a competent person(s) been appointed to assist in undertaking the preventative and protective measures including in house checks?

Yes

Yes

Regular checks of the block are conducted by the clients representatives in the form of property managers.

## **T3**

#### Are there appropriate documented fire safety arrangements and procedures in place in the event of fire?

Fire action notices are suitable and sufficient to cover the requirements stated in this section.



## **T4**

Are there suitable arrangements for liaison and calling the **Fire Service?** 

Residents are responsible for calling the FRS in the event of a fire situation.

## **T5**

## Are there suitable fire assembly points away from any risk?

Assembly point not required for general needs block operating a stay put strategy.

#### **T6**

### Are there adequate procedures in place for the evacuation of disabled people who are likely to be present?

Although this is a general needs block, it was not possible to establish if there were any disabled persons present.

#### **Open** | Created by Lee Grint

**T6** 

PEEPs are currently not applicable in general needs properties, however a Person-Centred Fire Risk Assessment (PCFRA) may be appropriate, if a resident has been identified as especially vulnerable and at risk from fire hazards in their property. It is recommended that the provider works with the identified vulnerable resident or their representative to help to reduce risk from fire and where necessary involve other agencies.

Action/Recommendation Required? Yes
-------------------------------------

Yes

<u>Unk</u>nown

1 action

#### **Action Priority:**

N/A

N/A

#### **T7**

#### Are staff nominated and trained on the use of fire extinguishing appliances?

No staff present.

#### **T8**

#### Are staff nominated and trained to assist in evacuation (Where applicable e.g. Offices, supported schemes)?

No staff present.

## **U** - Training

## **U1**

#### Do staff receive adequate induction and annual refresher fire safety training? (To include fire risks in the premises, fire safety measures in the building, action in the event of fire and on hearing alarm, location and use of fire extinguishers, calling the fire service)

No staff present.

Policy Principle: All touchdown points (small offices) staff receive Inductions and annual refreshers on fire safety fire safety. But at all the schemes no permanent staff are present.

## **U2**

Are employees nominated to assist in the event of fire given additional training?

No staff present.

## V - Testing and Maintenance

## **V1**

#### Are all fire safety provisions for the building (AFD, Emergency Lighting, sprinklers etc.) routinely tested and maintained?

Yes

See policy principle.

Policy Principle: Alarms- FHG Greenscapes, MITIE. E/L- FHG Greenscapes, MITIE. Assets Surveyor Extinguishers- MITIE. Fire Doors- FHG Greenscapes, Assets Surveyor Final Exits/ Escape Routes-Greenscapes/ Neighbourhoods.

N/A

N/A

## W - Records

# Is all routine testing and staff training including fire drills suitably recorded and available for inspection?

Records were not available at the time of the assessment.

Open | Priority Low | Due 1 Oct 2024 11:00 PM UTC | Created by Lee Grint

W1

**W1** 

The client should ensure they are keeping accurate records of testing, maintenance and staff training in relation to fire training and other relevant sections of this report. Records can be kept on site in paper format or held centrally by electronic means.

Action/Recommendation Required?	Yes
Action Priority:	Low - 12 Months

# X - Premises Information Box

## **X1**

Is a Premises Information Box located at the premises accessible to the Fire and Rescue Service, secure from unauthorised access and kept up to date?

Policy Principle: Log book is kept on SharePoint with proposed specific QR code access.

Y - Engagement with Residents	1 action

## **Y1**

Has all Fire Safety information & procedures been disseminated to the residents?

It could not be confirmed if the fire safety information and procedures have been disseminated to the residents of the block.

Open | Priority Medium | Due 2 Jan 2024 12:00 AM UTC | Created by Lee Grint

**Y1** 

The client should ensure that residents are provided with a copy of the fire safety instruction notice for the premises (when moving in and annually thereafter). The client should also ensure that information regarding Fire Door is provided to new residents when they move in and re-issued to all residents as required by the Fire Safety (England) Regulations 2022.

Action/Recommendation Required? Yes
-------------------------------------

N/A

Unknown

1 action

1 action

Unknown

1 action

# Z - Any Other Information

# **Z1**

## Are all issues deemed satisfactory? [1]

There were no other relevant issues noted at the time of inspection.

## Z2

## Are all issues deemed satisfactory? [2]

There were no other relevant issues noted at the time of inspection.

Yes

Yes

#### 2 flagged

# **Risk Rating**

The following simple risk level estimator is based on a more general health and safety risk level estimator of the type contained in BS 8800:

Likelihood of fire	Potential consequences of fire		
	Slight Harm	Moderate Harm	Extreme Harm
Low	Trivial	Tolerable	Moderate
Medium	Tolerable	Moderate	Substantial
High	Moderate	Substantial	Intolerable

# Likelihood of Fire

Taking into account the fire prevention measures observed at the time of this risk assessment, it is considered that the hazard from fire (likelihood of fire) at these premises is:

In this context, a definition of the above terms is as follows:

Low: Unusually low likelihood of fire as a result of negligible potential sources of ignition.

Medium: Normal fire hazards (e.g. potential ignition sources) for this type of occupancy, with fire hazards generally subject to appropriate controls (other than minor shortcomings).

High: Lack of adequate controls applied to one or more significant fire hazards, such as to result in significant increase in likelihood of fire.

# **Potential Consequences of Fire**

Taking into account the nature of the building and occupants, as well as the fire protection and procedural arrangements observed at the time of this fire risk assessment, it is considered that the consequences for life safety in the event of fire would be:

Potential Consequences of Fire

In this context, a definition of the above terms is as follows:

Slight harm: Outbreak of fire unlikely to result in serious injury or death of any occupant.

Moderate harmful: Outbreak of fire could foreseeably result in injury (including serious injury) of one or more occupants, but it is unlikely to involve multiple fatali-ties.

Extreme harm: Significant potential for serious injury or death of one or more occupants likely to involve multiple fatalities.

## **Premises Risk Rating**

Accordingly, it is considered that the risk to life from fire at these premises is:

MODERATE

**MODERATE HARM** 

MEDIUM

1 flagged

A suitable risk-based control plan should involve effort and urgency that is proportional to risk. The following risk-based control plan is based on one advocated by BS 8800 for general health and safety risks:

Risk Level	Action and time table	
Trivial	No action is required and no detailed records need be kept.	
Tolerable	No major additional controls required. However, there might be a need for improvements that involve minor or limited cost.	
Moderate	It is essential that efforts are made to reduce the risk. Risk reduction measures should be implemented within a defined time period. Where moderate risk is associated with consequences that constitute extreme harm, further assessment might be required to establish more precisely the likelihood of harm as a basis for determining the priority for improved control measures.	
Substantial	Considerable resources might have to be allocated to reduce the risk. If the building is unoccupied, it should not be occupied until the risk has been reduced. If the building is occupied, urgent action should be taken.	
Intolerable	Building (or relevant area) should not be occupied until the risk is reduced.	

(Note that, although the purpose of this section is to place the risk in context, the above approach to fire risk assessment is subjective and for guidance only. All hazards and deficiencies identified in this report should be addressed by implementing all recommendations contained in the following action plan. The fire risk assessment should be reviewed regularly.)

# On satisfactory completion of all remedial works the risk rating of this building may be reduced to

TOLERABLE

#### **Limitations Statement**

Fire Risk Assessment – Limitations

The purpose of the fire risk assessment is solely to provide an assessment of the risk to life from fire, and, where appropriate, to make recommendations to reduce the risk to life from fire. This assessment does not address fire risks to property or business continuity.

Under Article 5(4) of the Regulatory Reform (Fire Safety) Order 2005 or other devolved equivalent regional legislation and relevant United Kingdom law, we have been appointed to provide advice to the Responsible Person only. We have no control over any part of the premises covered within this fire risk assessment, and we have no responsibility for undertaking any of the recommendations made. The assessment is intended to assist the Responsible Person to comply with their responsibilities under the Regulatory Reform (Fire Safety) Order 2005.

Any policy principles included within this Fire Risk Assessment have been provided by the responsible person or their representative and been added in good faith. We cannot take responsibility for the accuracy of the policy principles with regard to the client's internal policies, British Standards or codes of practice.

Any test certificates supplied as part of the Fire Risk Assessment process will be considered but we take no responsibility or liability whatsoever is accepted for the accuracy of such information supplied by others.

The findings of the fire risk assessment will be based upon the conditions found at the Premises at the time the assessment is to be carried out and on relevant information provided by the Responsible Person or others either prior to, during or after the Fire Risk Assessment of the premises.

We consider the External Wall System as part of the Fire Risk Assessment process, however, we take no responsibility for a fire risk appraisal of external wall construction on existing buildings and work to the guidance and limitations detailed in PAS 9980:2022 0.2 Fire risk assessments. Any information supplied to the Fire Risk Assessor is taken in good faith and we accept no responsibility for the accuracy of the information supplied.

No responsibility is accepted for any change in the conditions or circumstances prior after the Fire Risk Assessment has been undertaken.

It is stressed that the assessment should not be regarded as a structural survey for fire safety purposes as such a survey should only be entrusted to a qualified building surveyor. The Fire Risk Assessment did not involve destructive exposure (Unless specifically requested as part of a contractual arrangement), and therefore it is not always possible to survey less readily accessible areas. It is, therefore, necessary to rely on a degree of sampling and also reasonable assumptions and judgements.

All services or penetrations traversing fire resisting compartments are not confirmed as being sufficiently fire stopped with fire resisting material to the appropriate standard. If fire compartments\fire dampers\voids (ceilings, floors or other voids) are considered inaccessible for safety reasons or any other reason and cannot be physically accessed or are outside the visual range of the assessor, technical comment on these areas cannot be provided.

This fire risk assessment will not necessarily identify all minor fire-stopping issues that might exist within the building and should be considered to be a sample of fire compartmentation. Unless a full fire compartmentation survey is contractually included within the scope of the assessment. If there are reasons to suspect the fire resistance within the Premises has not been sufficiently maintained the responsibility to provide this technical information rests with the Responsible Person\duty holder.

This fire risk assessment will not necessarily identify all minor fire door issues that might exist within the building and should be considered a sample of fire doors. Unless a full fire door survey is contractually included within the scope of the assessment.

A full investigation of the design of heating, ventilation and air conditioning (HVAC) systems is outside the scope of this fire risk assessment.

Although reference in the report may be made to relevant British Standards, Codes of Practice and Guides the assessment will not, nor is it intended to, ensure compliance with any of the documents referred to in the assessment. However, deviations from generally accepted codes, standards and universally recognised good fire safety practice will be identified in the assessment.

Where an emergency escape lighting system is present, comments are based upon a visual assessment of the system coverage and condition, but no illuminance tests or verification of the installation to the relevant British Standards were carried out.

Where a fire alarm system is present, comments are based upon a visual assessment, but no audibility tests or verification of full compliance with the relevant British Standards were carried out.

Where manual firefighting equipment is present, comments are based upon a visual assessment, but no verification of full compliance with the relevant British Standards or codes of practice were carried out.

It is the expectation that any reference to the testing and maintenance of passive or active fire protection systems within the premises are undertaken to the relevant current British Standards, Codes of Practice and Guides it is the responsible person's duty to ensure this is undertaken.

There will be a brief review of procedures at the time of this fire risk assessment. An in-depth review of documentation is outside the scope of this fire risk assessment, unless otherwise stated in the contract.

The report will highlight the Significant Findings (Split into Recommendations and Action(s)) that the Fire Risk Assessor found at the time of the assessment. It is the responsibility of the Responsible Person to ensure that any deficiencies found during the assessment and subsequently reported to the Responsible Person, by the report or other means, are their responsibility to rectify to a satisfactory standard to meet the requirements of the Regulatory Reform (Fire Safety) Order 2005.

It is wholly the responsibility of the Responsible Person and/or their agent to implement and maintain the Fire Precautions at the Premises to a satisfactory standard and condition to comply with the requirements of the Regulatory Reform (Fire Safety) Order 2005.

Failure to address and/or rectify any deficiencies mentioned in the report may result in serious harm, injury and or death to any relative person, employee, visitor, you or any other person in, on, within or without the perimeter of the Premises.

Failure to address any of the deficiencies highlighted in the report may be considered to be a breach of the Regulatory Reform (Fire Safety) Order 2005 and may result in prosecution by the enforcing authority.

Responsibility for the ongoing management of the Premises and even, if necessary, the decision to allow the Premises to be used for their present purpose, and in the current condition remains with the Responsible Person.

Responsibility for management procedures regarding, evacuation management, and maintenance of firefighting equipment, Fire alarms systems, emergency escape lighting, and any other emergency-related provisions remains a duty of the responsible person, not the fire risk assessor as this is not within their control.

Any faults or deficiencies in any emergency emergency-related staffing levels and\or staff training are the responsibility of the Responsible Person and\or the duty holder.

Portable or moveable items and items brought into the Premises are the responsibility of the Responsible Person and\or the duty holder.

It is recommended that the Assessment is reviewed annually or when there is a significant change, material alteration, change in the use of the Premises, a change in working practices, or following any incident, including fire, which may affect the Fire Precautions of the Premises.

The circumstances of the Premises may change over time and with use and\or occupancy, therefore, failure to review the fire risk assessment by the date indicated may mean that the fire risk assessment is no longer valid.

This Fire Risk Assessment is not a Health and Safety Report. A Health and Safety review should be conducted to ensure compliance with the Health and Safety at Work Act 1974.

Compliance with all other legislation is the responsibility of the Responsible Person. We accept no responsibility for loss, damage or other liability arising from a fire, loss and\or injury due to the failure to observe the safety, observance and practises identified in the Assessment

The Responsible Person will always remain responsible for the outcome of the Fire Risk

Assessment and\or its review. This includes the accuracy of details contained within this report.

By signing for, by payment for services or acknowledgement of receipt of the report you accept full responsibility and accountability for implementing the findings of the report.

#### **BAFE Certificate (QA Use Only)**





## Life Safety Fire Risk Assessment Certificate of Conformity

This certificate is issued by the organization named in Part 1 of the schedule in respect of the fire risk assessment provided for the person(s) or organization named in Part 2 of the schedule at the premises and / or part of the premises identified in Part 3 of the schedule

# Schedule

Part 1b - BAFE Registration Number of Issuing Certified102119Organisation102119	
Part 1c - SSAIB 3rd Party Certificate NumberCHES077	
Part 2 - Name of Client Futures Housing Group	
Part 3a - Address of premises for which the Fire Risk Assessment was carried outFlats 4-7 Dee Walk: NN11 40	ЗN
Part 3b - Part or parts of the premises to which the Fire RiskLobby, electrical inta cupboard, landing, exter are	nal
Part 4 - Brief description of the scope and purpose of the Fire Risk Assessment	
Part 4b - Limitations of FRA See Limitations Statement	
Part 5 - Effective Date of the Fire Risk Assessment1 Oct 20	23
Part 6 - Recommended Date for Reassessment of the premises1 Oct 20	26
Part 7 - Unique Reference Number of this Certificate (Job Number)	25

Signed for on behalf of the Issuing Certified Organisation

James Hutton

4th

Dated:

1 Oct 2023

SSAIB, 7-9 Earsdon Road, West Monkseaton, Whitley Bay, Tyne & Wear. NE25 9SX

BAFE, The Fire Service College, London Road, <u>Moreton-in-Marsh</u>, <u>Gloucestershire</u>, GL56 0RH 01608 653 350 | <u>info@bafe.org.uk</u> | <u>www.bafe.org.uk</u>

## Media summary



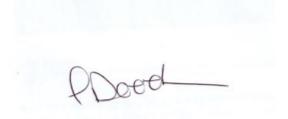
### Photo 1



Photo 3



Photo 5



## Photo 2





Photo 6



Photo 7



Photo 9



Photo 11



Photo 13





Photo 10



Photo 12

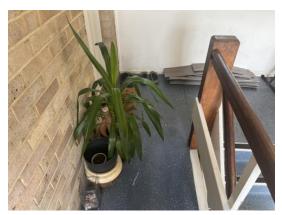


Photo 14



Photo 15



Photo 17



Photo 19



Photo 21



Photo 16



Photo 18



Photo 20



Photo 22



Photo 23



Photo 25



Photo 27



Photo 29



Photo 24



Photo 26





Photo 30



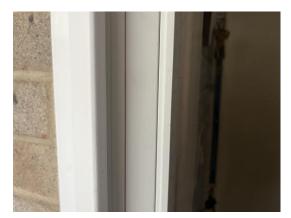


Photo 33



Photo 35



Photo 37



Photo 32



Photo 34



Photo 36





Photo 39



Photo 41



Photo 43



Photo 45



Photo 40



Photo 42



Photo 44



Photo 46



Photo 47



Photo 49



Photo 51



Photo 53





### Photo 50





Photo 54



Photo 55



Photo 57



Photo 59



Photo 61





Photo 58



Photo 60



Photo 62



Photo 63



Photo 65



Photo 67



Photo 69



Photo 64



Photo 66





Photo 70



Photo 71