

APPENDIX 1 - ACTION PLAN

Estates	Observation/Issues	Consideration and recommendation	Block	Risk Priority & Action completed by Date	Responsible Team	Timescale	Cost	Comments
Barbican Estate	Evidence was not available to confirm relevant electrical equipment such as communal area heating appliances; are subject to PAT.	Ensure relevant equipment is subject to a robust PAT by a competent person.	Only Tower blocks (Except Lambert Jones Mews, Postern & Wallside)	Priority-C 28 days Medium	Housing Property Services	Completed	N/A	Regular testing programme in place. Certificates filed centrally. Will be made available before commencement of future FRA's.
Barbican Estate	Evidence was not available to confirm the fixed wiring installation is subject to an appropriate programme of periodic testing.	Ensure a robust programme of 5 year fixed wiring testing is implemented.	All blocks and car parks	Priority-C 28 days Medium	Housing Property Services	Completed	£20,000 per annum	Detailed pre-survey completed, programme now commenced.
Barbican Estate	Due to the survey being undertaken during daylight hours it was not possible to determine if an adequate provision of emergency lighting exists throughout the premises.	A survey should be undertaken by a competent person; with any identified issues being rectified to ensure the system complies with BS 5266.	All blocks and car parks	Priority-E Project Planning Medium	Housing Property Services	Completed	N/A	Emergency lighting maintenance contract in place.
Barbican Estate	<ul style="list-style-type: none"> The flat entrance door is consistent with those throughout the block. It does not comply with current standards. It appears to be of substantial construction, without substantial rebates, smoke strips or intumescent seals, hinges x3 do not appear to be of fire resisting standard. The centre hinge appears to be of spring loaded design, to assist with door closing; however it was noted that this arrangement did not result in the door self-closing effectively. 	Due to the opportunity for means of escape in 2 directions; this situation is considered acceptable. Consideration should be given to upgrading/replacing doors on the means of escape routes; to current standards as part of any future refurbishment program. Consideration should be given to implementing a robust program of testing and servicing for spring loaded hinges; to ensure final exit doors close effectively.	All blocks	Priority-D 3 Months Low (Project)	Housing Property Services	31-Dec-23	£20million	Destructive testing of front entrance doors confirm that they are generally not up to modern standard. Successful capital bid made for funding to replace all doors.
Barbican Estate	It was noted that in some instances lobby doors are not provided with smoke seals. Ensure all such doors are provided with adequate protection against the spread of smoke.	Ensure all such doors are provided with adequate protection against the spread of smoke.	All blocks (Except Lambert Jones Mews & Postern)	Priority-D 3 Months Low	Housing Property Services	31-Dec-22	£70,000	Pre-survey to identify full extent of works. Included in Arup Survey. Survey underway but delayed due to Covid.
Barbican Estate	<ul style="list-style-type: none"> It was noted that numerous doors to electrical intakes, service risers, plant rooms, stores and similar; within escape routes are not provided with 'fire door keep shut' signs. Lobby doors are not provided with 'fire door keep shut signs'. 'Do not use lift in case of fire' signs are not displayed adjacent to lift enclosures. 	Ensure appropriate signs are displayed.	Andrew House , Ben Johnson, Brandon Mews	Priority-C 28 days Medium	Housing Property Services	31-Mar-23	£120,000	Included in Fire Signage Improvement Programme - work suspended due to further works relating to Listed Building Consent.
Barbican Estate	Fire action notices are inconsistently displayed in communal areas and the guidance is ambiguous in respect of a 'stay put' evacuation strategy.	Consideration should be given to replacing this signage with more definitive instructions; displayed in a consistent manner.	All blocks	Priority-D 3 Months Low	Housing Property Services	31-Mar-23	£120,000	Included in Fire Signage Improvement Programme - work suspended due to further works relating to Listed Building Consent.
Barbican Estate	It was noted that portable fire extinguishers are provided within communal areas. Typically fire extinguishers are not provided within this type of property as residents are unlikely to have been appropriately trained.	Consideration should be given to their removal.	All blocks and car parks	Priority-C 28 days Medium	Barbican Estate Office	Completed	N/A	Fire extinguishers in plant rooms serviced to ensure they are fit-for-purpose.
Barbican Estate	As part of the fire risk assessment process a documentation audit was undertaken in respect of the specific premises. The brief was to randomly sample 6 categories from a detailed list detailed above. In this instance the only records available at the Estate Office were as follows; <ul style="list-style-type: none"> Whilst it is evident that Allied Protection are maintaining fire alarm systems; contractors are not updating documented records. Records were not available to evidence the recently implemented program of fire door inspections. Fire stopping registers are not in place; this has specific relevance in respect of PDA's & EDA's. Records of fire brigade operation attendances are not maintained. It is recommended that robust arrangements be implemented to ensure the requirements of CoL Guidance Note on Fire Log Books on CoL premises are achieved. Portable firefighting equipment is out of test date; this situation is expected to be resolved in response to relevant guidance provided elsewhere in this report.	It is recommended that robust arrangements be implemented to ensure the requirements of CoL Guidance Note on Fire Log Books on CoL premises are achieved.	All blocks and car parks	Priority-C 28 days Medium	Housing Property Services	Completed	N/A	Regular testing programme in place. Certificates filed centrally. Will be made available before FRA in future.
Barbican Estate	The emergency services box contained; <ol style="list-style-type: none"> Estate block plan map. Useful telephone numbers list. Block plan. 	Consideration should be given to liaising with London Fire Brigade to rationalise/standardise the information contained within the premises information box.	All blocks	Priority-C 28 days Medium	Barbican Estate Office	Completed	N/A	All 36 'Premises Information' boxes at the entrances to the blocks and car parks have been updated to include Estate plans, block plans, and contact numbers for the emergency services.
Barbican Estate	It was noted that portable fire extinguishers within communal areas and plant rooms (provided for use by competent persons) have not been subject to servicing within the past 12 months.	Subject to comments in 19.4, ensure all such equipment is robustly maintained.	All block and car parks (Except Lambert Jones Mews & Postern)	Priority-C 28 days Medium	Housing Property Services	Completed	N/A	
Barbican Estate	<p>What appears to be a BS 5839 pt 6 category LD3 grade F fire alarm system is installed.</p> <ul style="list-style-type: none"> A means of providing detection and warning was not provided. The domestic smoke detector did not function when tested. Accommodation is largely of open plan design across all levels. Where provided doors to the internal escape route are unlikely to comply with current standards. It should be noted that issues exist in respect of the ability for CoL to effectively manage residents actions; which may compromise the internal means of escape from their or a neighbouring dwelling. What appear to be original nonfire rated room dividers are present (Cromwell Tower) Domestic smoke detectors x2 were provided. (John Trundle Court) A means of providing detection and warning was not provided. (John Trundle Court) Accommodation is largely of open plan design across all levels. (John Trundle Court) Where provided doors to the internal escape route are unlikely to comply with current standards. (John Trundle Court) Alternative means of escape routes provide direct access to the communal escape balcony at both the lower level and at the upper level, to a shared enclosed balcony; from where further escape should be made via the neighbouring dwelling. (John Trundle Court). Significant structural alterations have created a largely open plan flat; with non-fire rated room dividers. (Lauderdale Tower) 	As a compensatory feature in respect of internal configuration; consideration should be given to installing/upgrading a fire alarm system to BS 5839 pt 6 category LD2 grade D.	All blocks	Priority-B 4 days High	Housing Property Services	31-Dec-22	£70,000	Pre-survey to identify full extent of works. Included in Arup Survey. Survey underway but delayed due to Covid.

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Barbican Estate	It should be noted that issues exist in respect of the ability for CoL to effectively manage residents actions; which may compromise the internal means of escape from their or a neighbouring dwelling.	CoL should undertake a strategic review of management protocols regarding tenants/leaseholders actions which may implications the overall fire safety of the premises.	All blocks	Priority-C 28 days Medium	Barbican Estate Office	Completed	N/A	Part of ongoing inspection regime carried out by House Officers in Barbican Estate Office.
Barbican Estate	<ul style="list-style-type: none"> Vertical service risers which serve multiple dwellings are present; residents/contractors potentially have access to these enclosures for the purposes of alterations/maintenance to services. It was not possible to determine the standard of fire resistance provided between the flat and communal stair afforded by glazed partitions. It appears that flats were originally provided with a non-fire rated 'pass door' arrangement adjacent to the main entrance/exit door; in this instance this facility is still available. 	Consideration should be given to the targeted inspections of a sample of dwellings to undertake Type 4 fire risk assessments; to address specific areas of concern. Consideration should be given to implementing a program of scheduled cleaning for communal kitchen extraction installations.	Andrew House , Ben Johnson, Brandon Mews, Defoe House, Frobisher Crescent, Speed House	Priority-C 28 days Medium	Housing Property Services	31-Dec-22	£70,000	Pre-survey to identify full extent of works. Included in Arup Survey. Survey underway but delayed due to Covid.
Barbican Estate	Appropriate 'no smoking' signs are not prominently displayed within communal areas.	Ensure appropriate signs are displayed.	Brandon Mews	Priority-D 3 Months Low	Housing Property Services	Completed	N/A	
Barbican Estate	It was noted that the final exit doors to alternative MOE from rooftop plant rooms are fitted with inappropriate locking mechanisms.	It is recommended that failsafe devices; such as push paddles or similar are fitted.	Brandon Mews	Priority-E Project Planning Low	Housing Property Services	Completed		Part of maintenance programme.
Barbican Estate	<p>Where provided doors to the internal escape route do not appear to comply with current standards.</p> <ul style="list-style-type: none"> A loft hatch and ladder arrangement provide internal access from 02 level the 03 level garage; where an alternative means of escape is available. It is assumed that the original design provide a permanent staircase between these levels. A means of providing detection and warning was not provided. 	As a compensatory feature in respect of internal configuration; consideration should be given to installing/upgrading a fire alarm system to BS 5839 pt 6 category LD2 grade D.	Brandon Mews	Priority-B 4 days High				
Barbican Estate	<ul style="list-style-type: none"> Vertical service risers which serve 2 dwellings are present; residents/contractors potentially have access to these enclosures for the purposes of alterations/maintenance to services. 	Consideration should be given to the targeted inspections of a sample of dwellings to undertake Type 4 fire risk assessments; to address specific areas of concern.	Brandon Mews,	Priority-C 28 days Medium	Housing Property Services	Completed	£5,000	Further specialist detailed Fire Management Survey has been carried out. Several of the improvements identified in the FRA's confirmed as unnecessary and are mitigated by the design of the building. Some minor improvements required.
Barbican Estate	The inadequate provision of electrical socket outlets, within the kitchen area; encourages the potentially hazardous use of multi adapters, trailing leads and similar.	Consideration should be given to providing additional electrical socket outlets in the kitchen area.	Ben Johnson, Breton House, Bryer Court, Bunyan Court, Defoe House, Mountjoy House, & Willoughby House	Priority-C 28 days Medium	Housing Property Services	Completed	£100,000	We are only responsible for the kitchens in our rented homes. We have introduced an electrical testing programme that will pick up this improvement work.
Barbican Estate	It was noted that in some instances discarded trade materials and general waste has been allowed to accumulate in riser cupboards.	Implement robust management arrangements to ensure all such areas are maintained free from inappropriate storage.	Cromwell Tower, Lauderdale Tower & Shakespeare Tower	Priority-C 28 days Medium	Barbican Estate Office	Completed	N/A	Dealt with through inspection process carried out by Barbican Estate Office.
Barbican Estate	It was noted that in a number of instances what appears to have been unauthorised structural alterations have been undertaken by/on behalf of residents. This has resulted in compromised standards of compartmentation between individual flats and the communal risers.	Ensure appropriate remedial actions are implemented to achieve and maintain current standards.	Cromwell Tower, Lauderdale Tower & Shakespeare Tower	Priority-D 3 Months Medium	Housing Property Services	Completed	£40,000 per annum	We have appointed a Technical Surveyor to oversee the Landlord's Approval process.
Barbican Estate	Anecdotal evidence from the tenant suggested that lack of maintenance to the kitchen extraction system has previously resulted in a small fire; elsewhere on the estate.	Consideration should be given to implementing a program of scheduled cleaning for communal kitchen extraction installations.	John Trundle Court	Priority-C 28 days Medium	Housing Property Services	Completed	N/A	Inspection and maintenance programme in place.
Barbican Estate	<ul style="list-style-type: none"> The internal original configuration appears to have been of; entrance hall, kitchen, bedrooms, lounge and bathrooms. Where provided doors to the internal escape route appear to comply with current standards. Alternative means of escape are provided via external stairs to the communal flat roofs and a place of ultimate safety. Domestic smoke detectors are provided. 	As a compensatory feature in respect of internal configuration; consideration should be given to installing/upgrading a fire alarm system to BS 5839 pt 6 category LD2 grade D. CoL should undertake a strategic review of management protocols regarding tenants/leaseholders actions which may have implications to the overall fire safety of the premises.	Lambert Jones Mews, Postern	Priority-D 3Months Low	Housing Property Services	Completed		Further specialist detailed Fire Management Survey is being carried out. Initial surveys suggest that many of the improvements identified in the FRA's are unnecessary and are mitigated by the design of the building. Management protocols have been reviewed and deemed satisfactory. Installation of alarm systems not deemed appropriate.
Barbican Estate	<ul style="list-style-type: none"> Visual inspection of compartmentation between neighbouring dwellings (via walls and ceilings) did not identify any obvious areas of concern. Vertical service risers which serve 2 dwellings may be present; residents/contractors potentially access these enclosures for the purposes of alterations/maintenance to services. 	Consideration should be given to the targeted inspection of a sample of dwellings to undertake Type 4 fire risk assessments; to address specific areas of concern.	Lambert Jones Mews & Postern	Priority-D 3Months Low	Housing Property Services	31-Mar-23	£5,000	Low risk - compartmentation survey underway on sample blocks.
Barbican Estate	Alternative means of escape are provided via communal balconies	Consideration should be given to upgrading/replacing doors on a single means of escape route to achieve compliance with current standards. Where the opportunity for means of escape in 2 directions is available; this situation is considered acceptable. Consideration should be given to upgrading/replacing doors on the means of escape routes; to current	Thomas More House	Priority-C 28 days Medium	Housing Property Services	31-Dec-23	£20million	Destructive testing of front entrance doors confirm that they are generally not up to modern standard. Capital Bid made for funding to replace all doors.
Barbican Estate	Whilst emergency action notices were provided, it not considered that sufficient signs are displayed in prominent positions throughout the car park.	Ensure appropriate signs are displayed.	All car parks	Priority-C 28 days Medium	Housing Property Services	31-Mar-23	£120,000	Included in Fire Signage Improvement Programme - work suspended due to further works relating to Listed Building Consent.
Barbican Estate	It was noted; That fire doors to protected escape routes do not consistently display 'fire door keep shut' signage'. Doors to plant rooms, service cupboards and similar do not consistently display 'fire door keep locked' signage.	Ensure appropriate signs are displayed.	All car parks	Priority-D 3 Months Medium	Housing Property Services	31-Mar-23	£120,000	Included in Fire Signage Improvement Programme - work suspended due to further works relating to Listed Building Consent.
Barbican Estate	Whilst adequate compensatory lighting is provided; it was not possible to determine whether adequate emergency escape lighting is provided to escape routes.	A survey should be undertaken by a competent person; with any identified issues being rectified to ensure the system complies with BS 5266.	All car parks	Priority-E Project Planning Medium	Housing Property Services	Completed	N/A	Emergency lighting maintenance contract in place.