



The United Kingdom Holocaust Memorial Foundation

THE UNITED KINGDOM HOLOCAUST MEMORIAL AND LEARNING CENTRE

RIBA Stage 4+ - Fire Statement for Planning





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EXECUTIVE SUMMARY

This document is the Fire Statement to support the Planning Application for the design of the proposed UK Holocaust Memorial Learning Centre (HMLC) development located in Westminster, London. The proposed exhibition gallery is a 2-storey building, which is entirely located underground. The exhibitions will be accessed from a secured HMLC Memorial courtyard area at ground level, which encompasses seating spaces, café and security search facilities.

The content of this document is based upon Policy D12 of the Mayor of London's published London Plan 2021 [Ref. 1] and the associated draft guidance sheet for Policy D12(B) [Ref. 11]. Policy D12 sets out that the highest standards of Fire Safety are expected for buildings and the associated guidance notes explain how to clearly demonstrate to the Local Planning Authorities that such expectations have been achieved by the documentation submitted to support a planning application.

The Planning Application was submitted in 2018 and subject to a public inquiry in 2020, predating the adoption of the London Plan. This Fire Statement has been prepared as part of an update of the Planning Application in the context of current policy to enable redetermination of the Planning Application to take place.

Per Reference 3: *"A Fire Statement is a standalone document which defines the fire safety objectives and performance requirements of a development, and the methods by which these objectives will be provided/satisfied. The Fire Statement should evidence the provisions made for the safety of occupants and protection of property as well as the provision of suitable access and equipment for firefighting in light of London Plan fire safety policy requirements and the justification for these measures."*

This document is not a design fire strategy and is intended only to summarise the standard of Fire Safety provisions for the planning application in accordance with section D12 of the London Plan [Ref. 1] and associated guidance notes [Ref. 3][Ref. 10].

Declaration of Compliance to London Plan Policy D12(B) – Fire safety

In accordance with the London Plan [Ref. 1] and the associated guidance [Ref. 11] a Form 1 – this Fire Statement is showing the site-specific responses to the London Plan Policy D12(A) and demonstrates the intent to consider and seek compliance with the Policy D12(B) standards of fire safety throughout the development life cycle.

The Fire Design is subject to the consent, work and/or decisions of other third parties/multiple stakeholders (as indicated in the section Third Party Fire Design Considerations), and verified by approval of the Authority Holding Jurisdiction, and hence a Declaration of Compliance to the London Plan Policy D12(B) is hereby subject to a Reasonable Exceptions Statement [Ref. 11] until all the related Fire Safety Design aspects are evidenced as approved.

Declaration of Compliance to London Plan Policy D5(B5) – Dignified evacuation

In accordance with the London Plan [Ref. 1] and the associated draft guidance [Ref. 11], there is a dedicated item in Table 1 – Site specific responses to the London Plan D12(B) that addresses Policy D5(B5). The above demonstrates the intent to consider and seek compliance with the Policy D5(B5) for dignified evacuation of all building users throughout the development life cycle.

The Fire Design is subject to the consent, work and/or decisions of other third parties/multiple stakeholders (as indicated in the section Third Party Fire Design Considerations) and verified by approval of the Authority Holding Jurisdiction. Hence, a Declaration of Compliance to the London Plan Policy D5(B5) is hereby subject to a Reasonable Exceptions Statement [Ref. 11] until all the related Fire Safety Design aspects are evidenced as approved.

Forms required for the planning submission for a major development in London [Ref. 11] are provided in the following sections of this document:

Appendix A: Fire Service Access Mark-up and Building Site-wide Plan

GUIDANCE USED

All new buildings must comply with the Building Regulations 2010 [Ref. 4] and for aspects of Fire Safety Approved Document B Volume 2 [Ref. 5] provides design guidance pertinent to all other building types other than dwellings which are covered by the Building Regulations.

The Approved Documents are suited to buildings of low complexity (e.g. ones with a minimal floor area, low height and simple internal layout) and further guidance is provided in British Standards to facilitate the design of larger and/or more complex buildings.

One means to comply with Building Regulations is by considering a performance-based approach to Fire Design (i.e. considering the risk level to the occupants and reducing this to As Low As Reasonably Practicable by the introduction of measures such as fire and smoke alarm, detection and/or sprinkler systems). The guidance document that is used to achieve Building Regulations compliance for a performance-based Fire Design is BS 9999:2017 [Ref. 6].

Where a performance-based approach is shown to be inadequate, a fully fire engineered approach can be adopted (i.e. showing by detailed calculation and/or computer software modelling that the proposed design will meet criteria agreed by relevant Authorities and stakeholders for the Life Safety of the occupants, for example smoke will not accumulate to a dangerous level before the estimated time required for occupants to escape). The guidance document that will be used to achieve Building Regulations compliance for a fully engineered approach is BS 7974:2019 [Ref. 7].

It should be noted that Approved Document B, BS 9999:2017 and BS 7974:2019 are concerned with matters of Life Safety. Consideration is also to be given to insurers and other stakeholders' requirements which consider other aspects such as Asset Protection (e.g. reducing the damage to building in the event of a fire for financial purposes) and Business Continuity (e.g. avoiding damage to critical equipment such as Information Technology equipment so that business services are not interrupted).

The construction phase is outside the scope of this document and is the subject to other legislation and guidance.

AUTHORING, COMPETENCE AND COMPLIANCE

This document is authored by WSP UK Limited (a limited company registered in England & Wales with registered number 01383511. Registered office: WSP House, 70 Chancery Lane, London, WC2A 1AF)

utilising the combined fire design knowledge, competence, and experience of the following permanent employees from the Fire Engineering department:

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- Professional membership(s): None
- Academic qualification(s): Engineering Diploma, Civil Construction (Portugal, 1978)

Technical Director: Andrej Cebela

- Relevant experience: Approximately 12.5 years of Fire Engineering experience ranging from Commercial, Residential, Railway to Mixed Use development Fire Safety design
- Professional membership(s): AIFireE, Associate Member of the Institution of Fire Engineers (UK) since 2013
- Academic qualification(s):
 - International Master of Science in Fire Safety Engineering (MSc) – IMFSE, Ghent University (Belgium), Lund University (Sweden) & University of Edinburgh (UK), 2012
 - Bachelor's Diploma in Occupational and Fire Safety, University of Ljubljana (Slovenia, 2010)

N.B. Any statements of compliance, explicitly made in this document or inferred from the contents of this document, are made on behalf of, and are the full and sole liability of, WSP UK Limited.

If the above-named contributors are not the signatories of the version of this document being read, then the version of the document being read is not valid.

SITE DETAILS

The site is located in Westminster, London (SW1) and is bounded as follows:

- to the west is the Abingdon Street and Millbank road.
- to the east is the river Thames.
- to the north is Black Rod's Gardens and Palace of Westminster; and
- to the south is Millbank / Lambeth Bridge Roundabout.

An overview of the site is presented in **Figure 1**.

Planning permission for the "installation of the United Kingdom Holocaust Memorial and Learning Centre including excavation to provide a basement and basement mezzanine for the learning centre (Class D1); erection of a single storey entrance pavilion; re-provision of the Horseferry Playground and refreshments kiosk (Class A1); repositioning of the Spicer Memorial; new hard and soft landscaping and lighting around the site; and all ancillary and associated works" was granted in July 2021 (ref. 19/00114/FULL), however is now subject to redetermination following the quashing of the grant of planning permission .

The building's height of the uppermost occupied storey will not exceed 18 m above the Fire Service Access level.



Figure 1 – Location Plan of the HMLC site.

RESPONSE TO PART D12(A) OF THE LONDON PLAN

The response to Part D12(A) of the London Plan [Ref. 1] is not required for major developments according to the guidance [Ref. 11] and therefore is not required for UKHMLC as it is considered a major development (see the response to Part D12(B) below). However, there are policy items that are relevant and hence this section is provided for information.

The response to Part D12(A) of the London Plan is normally given in a document entitled the Planning Fire Safety Strategy (PFSS) that only non-major development applications in London must produce for their planning applications [Ref. 11] and hence this is not required for this development.

Per the London Plan D12 all development proposals must achieve the highest standards of fire safety and ensure that they:

- A1) identify suitably positioned unobstructed outside space: a) for fire appliances to be positioned on b) appropriate for use as an evacuation assembly point.
- A2) are designed to incorporate appropriate features which reduce the risk to life and the risk of serious injury in the event of a fire, including appropriate fire alarm systems and passive and active fire safety measures.
- A3) are constructed in an appropriate way to minimise the risk of fire spread.
- A4) provide suitable and convenient means of escape, and associated evacuation strategy for all building users.
- A5) develop a robust strategy for evacuation which can be periodically updated and published, and which all building users can have confidence in.
- A6) provide suitable access and equipment for firefighting which is appropriate for the size and use of the development.

It is to be noted that the PFSS is not a design fire strategy.

RESPONSE TO PART D12(B) OF THE LONDON PLAN

Section 3.12.9 of The London Plan states, “*Fire statements should be submitted with all major development proposals.*” The London Plan Definitions section states:

“Major development; For a full definition, see Part 1 of The Town and Country Planning (Development Management Procedure) (England) Order 2015. Generally, major developments are:

- Development of dwellings where 10 or more dwellings are to be provided, or the site area is 0.5 hectares or more.
- Development of other uses, where the floor space is 1,000 square metres or more, or the site area is 1 hectare or more.”

The UKHMLC development scheme will contain:

- Basement and basement mezzanine for the learning centre; erection of a single storey entrance pavilion; re-provision of the Horseferry Playground and refreshments kiosk; repositioning of the Spicer Memorial.
- A site area of approximately 3423 m² or 0.3423 hectares (see Figure 2).



Figure 2 – Area of the site

UKHMLC is therefore a Major Development proposal based on the floor area in excess of 1000 m² as per the London Plan D12 should be submitted for Planning Permission with a Fire Statement that will detail how the development proposal will function in terms of:

B1) the building's construction: methods, products and materials used, including manufacturers' details.

B2) the means of escape for all building users: suitably designed stair cores, escape for building users who are disabled or require level access, and associated evacuation strategy approach.

B3) features which reduce the risk to life: fire alarm systems, passive and active fire safety measures and associated management and maintenance plans.

B4) access for fire service personnel and equipment: how this will be achieved in an evacuation situation, water supplies, provision and positioning of equipment, firefighting lifts, stairs and lobbies, any fire suppression and smoke ventilation systems proposed, and the ongoing maintenance and monitoring of these.

B5) how provision will be made within the curtilage of the site to enable fire appliances to gain access to the building.

B6) ensuring that any potential future modifications to the building will take into account and not compromise the base build fire safety/protection measures.

Site specific responses to the London Plan D12(B) listed above are provided in Table 1 below. Figures referenced in Table 1 are provided in a dedicated section.

Table 3.1 of the London Plan Guidance on Fire Safety that was issued in February 2022 [Ref. 10] states that Fire Statement for a major development only needs to address Part B of London Plan Policy D12 (i.e., is not required to consider D12(A) as well).

Table 1 – Site specific responses to the London Plan D12(B)

London Plan D12 Policy	Site specific response and WSP Fire Engineering comments
B1) the building's construction: methods, products and materials used, including manufacturers' details	As the primary purpose of the proposed building is an learning centre, for structural fire purposes a B risk profile has been applied to the building. For a B1 risk profile basement museum building with depth not exceeding 10m (measured from the access level to the lowest basement), the load bearing elements of structure require a minimum of 60 minutes fire protection (R60). Where the roof forms part of escape route or floor (e.g. accessible public area, or the structure is essential for the stability of the external walls that require fire protection), the structure that supports the roof will also be protected. It is considered that 60 minutes fire protection to the structure of the fins supporting the roof is deemed acceptable, given that roof (lawn) area will be occasionally accessed by a limited number of people. It should be noted that where one element of structure supports or gives stability to another element of structure, the supporting element will have no less fire resistance than the other element. The Entrance Pavilion building will evacuate at the same time as the main building via a single exit door that opens to the Memorial courtyard. People can leave the Memorial Courtyard through the two exits next to the Entrance Pavilion building on the east and west sides. The occupants of the Cafe Kiosk building will be only staff members and maintenance people in the generator room. The public toilets and caretaker office next to the Café Kiosk are not part of this project. However, the generator room in the Café Kiosk will be provided with 120 minutes fire rated walls, door and louvres to guarantee that occupants of the toilets and caretaker office are not compromised in their escape routes. Any storage of materials during construction is subject to the CDM regulations and will be responsibility of the Principal Contractor.
B2) the means of escape for all building users: suitably designed stair cores, escape for building users who are disabled or require level access, and associated evacuation strategy approach	Policy 3.12.4 states “Applicants should also show on a site plan appropriate evacuation assembly points. These spaces should be positioned to ensure the safety of people using them in an evacuation situation.” <u>Evacuation strategy:</u> The UKHMLC development will operate on a simultaneous evacuation strategy. <u>Disabled Occupants evacuation strategy:</u> Evacuation of disabled occupants is catered for by means of refuge areas provided within the firefighting shaft at basement and mezzanine floors and the threshold area. An emergency voice communication (EVC) system, designed and installed in accordance with BS 5839-9 will be provided to each refuge. The lift in the firefighting shaft will also function as evacuation lifts designed and installed as per BS EN 81-76 (2025). In addition to the protected lobbies, the external Threshold area will be used as a place of refuge when there is a high number of mobility impaired persons on the floor plate. Whereas the ramp facilitates the evacuation of people with restricted mobility from Mezzanine level, the evacuation from the Basement can be conducted by using the Memorial stairs. <u>Evacuation assembly points:</u> The assembly point is located in the nearby Burghers of Calais and Parliamentary education centre Park. The assembly point is shown on the site plan mark up in Appendix A. This location has been indicated as a primary location for assembly suitable for routine fire drills and in the event of a fire. Secondary assembly point could be located at the Abingdon Street Gardens – see Appendix A for approximate location. <u>Building users and their associated risk profiles:</u> Awake and familiar, A2 risk profile: - Places of special fire hazard e.g. kitchen; storage, server room and low-risk plantrooms Awake and familiar, A1 risk profile: - Commercial offices

London Plan D12 Policy	Site specific response and WSP Fire Engineering comments
	- Back of house circulation areas - Lobbies / entrance areas Awake and familiar, A3 risk profile: - Generator rooms and high-risk plantrooms Awake and unfamiliar, B1 risk profile: - Exhibition area and Learning Centre *Note: Risk profiles are based on the building having sprinklers installed. This allows the fire growth rate to be reduced by a factor of one e.g. A2 risk profile can become A1. Final exits: Ground floor exits will be located such that the distance travelled from any point on the ground floor where a person may be located to a final exit is below the guidance distances set in BS 9999:2017. A Fire Engineered approach as per BS 7974 was used for wheelchair users at Mezzanine level extended travel distance in a single direction, and the analysis show that single direction travel distance is acceptable. Vertical escape: There are three evacuation stairs from the building. The north stair is a fire-fighting stair of minimum 1200mm clear width and protected by a fire-fighting lobby. The stairs from the threshold area are considered open stairs although the area is partly covered by the roof structure. The east stair is not lobby protected. A review of stair widths has been performed in accordance with BS 9999 (2017) and this concluded that the proposed widths provided sufficient capacity to allow for simultaneous evacuation of all floors in the event of a fire. Protected Lobbies: Protected lobbies are provided on all storeys to the fire-fighting stair. Protected Stairs: All of the stairs described in the vertical escape section above will be designed as protected stairs (i.e. with suitable fire resistance). Evacuation Lift(s): The lift within the fire-fighting shaft will also serve as an evacuation lifts. Level access: Level access will be provided from the evacuation lift at the evacuation exit landing (EEL) to the outside of the building. Timeframe for periodic review and notifying the building occupants of the changes / updates A timeframe for the periodic review and update of the Fire Strategy report over the lifetime of the development will need to be set up by the Building's Facility Management team. At the same time, the changes will need to be communicated to the building occupants.
B3) features which reduce the risk to life: fire alarm systems, passive and active fire safety measures and associated management and maintenance plans	Fire alarm and detection: The fire alarm and detection system will be designed and installed in accordance with BS 5839-1 (2025). The UK HMLC building shall be provided with a Category L1 automatic fire detection and alarm system. A Category L1 fire alarm and detection in accordance with BS 5839-1 shall be provided to the basement plant rooms and other ancillary areas. The fire detection system will consist in a combination of smoke and heat detectors. Manual call points will be provided at all storey exits in accordance with BS 5839-1 (2025) and BS EN 54-11:2001. The building shall be provided with fire alarm sounders to provide means of warning to all areas in accordance with BS 5839-1.

London Plan D12 Policy	Site specific response and WSP Fire Engineering comments
	Visual warning devices (flashing beacons) will be provided in accordance with BS 5839-1. A voice alarm system would be required in the building should a phased evacuation strategy be adopted instead of the currently proposed simultaneous evacuation strategy. The voice alarm system will then be designed and installed in accordance with BS 5839-8. The main fire alarm panel shall be located within the fire-fighting shaft at Ground Floor level final exit lobby. London Fire Brigade access points are indicated on Appendix 1. <u>Active fire protection – Water mist suppression systems:</u> Automatic fire suppression system is provided to UKHMLC because additional benefit can be taken for A1 risk profile for the travel distances (risk profile without sprinklers would be A2). The water mist system will be designed and installed in accordance with BS 8489-1:2016. <u>Active fire protection – Fire curtain barriers:</u> N/A <u>Smoke control/ventilation systems:</u> Refer to the following section B4). <u>Passive fire protection - Compartment floors / walls:</u> UKHMLC has a predominant B1 risk profile and BS 9999:2017 therefore the fire compartmentation will be provided to meet the following strategic objectives: ▪ Maintain separation between different risk profiles. ▪ Enclose places of special fire hazard to meet the recommendations as set out in BS 9999:2017. Areas of ancillary accommodation (plant rooms, storerooms, refuse rooms etc.) will be provided with appropriate fire resistance as per Table 29 of BS 9999:2017 when their contents are confirmed. The walls separating the fire-fighting shafts (i.e., stair, lift shaft and lobby) from the rest of the building will have a 120 minutes fire resistance. All of the floors shall be a compartment floor designed to achieve 120 minutes fire resistance from the underside (REI120 minutes). Fire stopping shall be used for sealing apertures, imperfections or design tolerances between fire resisting walls, floor and ceiling to restrict the passage of both fire and smoke. Fire stopping will achieve the same fire resistance (integrity and insulation (EI)) as the element into which they penetrate. Concealed spaces and cavities in the construction of the building provide a route for smoke and flame spread, especially in voids above and below ceilings/floors. As the smoke or flames would be concealed and unnoticed it presents a greater danger and risk of becoming developed prior to being noticed. Cavity barriers will sub-divide any cavity, including the roof space to restrict the spread of smoke and flame through the building. <u>Passive fire protection - Fire Doors:</u> Fire doors will be specified with an appropriate fire resistance according to the compartmentation element in which they are installed. Smoke seals will be provided for all fire doors located on escape routes. All fire doors will be fitted with self-closers except for fire doors to cupboards and service risers, which are normally kept locked shut. Where a self-closing device is considered of hindrance to the normal use of the building, consideration will be given to the provision of automatic hold-open devices linked to the fire detection and alarm system.
B4) access for fire service personnel and equipment: how this will be achieved in an evacuation situation, water supplies, provision and positioning of equipment, firefighting lifts, stairs and lobbies, any fire	Per BS 9999:2017 Section 22.1 - <i>Fire mains should be designed and installed in accordance with BS 9990. Fire mains should be installed in buildings where any floor is higher than 11 m above fire-fighting access level. Where there are no floors higher than 50 m above ground level, wet or dry fire mains may be installed. Where there are floors higher than 50 m above fire-fighting access level, wet fire mains should be installed owing to the pressures required to provide adequate water supplies at the landing valves at upper floors, and also to ensure that water is immediately available at all floor levels. Fire mains should be installed in any building provided with a fire-fighting shaft, in accordance with Table 17 (see 20.1.1) and located within a protected lobby where provided, or a stair enclosure.</i>

London Plan D12 Policy	Site specific response and WSP Fire Engineering comments
suppression and smoke ventilation systems proposed, and the ongoing maintenance and monitoring of these	Per BS 9990 Section 5.2 - <i>Where fire hydrants are to be installed, they should be included as part of a ring fire main system (see 6.6) and be positioned not more than 90 m from an entry to any building on the site and not more than 90 m apart. They should preferably be sited immediately adjacent to roadways or hard-standing facilities suitable for fire and rescue service appliances. To ensure that they remain usable during a fire, they should be sited to take into account the effect that falling debris and other possible occurrences during a fire might have on the continuing viability of the location and should be not less than 6 m from the building or other risk.</i> Fire-fighting shafts: Single fire-fighting shaft will be provided in all floors down to basement level. Its elements will have a fire resistance as described in the previous section and as per the BS 9999 recommendations. The fire-fighting shaft is accessed via Millbank Road via Lambeth Bridge or via Abingdon Street via Westminster Bridge – see Figure 3. Both routes are primary routes to reach this development so there is always a contingency if one is blocked. Fire-fighting stairs: Fire-fighting shaft will contain fire-fighting stair. Fire-fighting lobbies: A lobby will be provided in front of each of the fire-fighting stair on all below ground storeys that shall connect to the fire-fighting stair. Fire-fighters lifts: No fire-fighting lift is required to be provide. However, the passenger lift within the fire-fighting shaft will also serve as an evacuation lift (see section B2) in this table above). The evacuation lift will be designed as Class A lift as per BS EN 81-76 (2025). Wet or dry fire mains: As per BS 9999, as the building is less than 10m in depth, the building will be fitted with dry fire mains. The fire main outlet will be located within the fire-fighting stair or fire-fighting lobby. It will be possible to reach all areas of the building from this point using a hose reach of 60 m. Water supplies: The London Fire Brigade Hydrant Office has confirmed that there is a live hydrant located on Millbank Road in front of the building, which can provide a satisfactory water supply and each of which are within 90 m of their respective proposed dry fire main inlets. See Figure 4. Suppression systems: As per the previous section, an automatic water mist protection system will be provided throughout the building as per BS 8489-1:2016. Smoke control/ventilation systems: The building contains a basement which has a floor area in excess of 200 m² and is in excess of 3 m below the adjacent ground level and the basement will therefore be provided with smoke ventilation. Smoke ventilation to the basement will be provided by a mechanical system in accordance with Clause 27.2.3 of BS 9999. The fire-fighting shaft will be protected against the ingress of smoke, by smoke control systems. - The stair will be provided with an automatic natural vent in accordance with the relevant requirements of Table 21 within Clause 27.1.4.1 of BS 9999. Typically, this would be an Automatic Opening Vent (AOV) at the head of the stair that opens to the roof. The building contains refuse rooms, and these are to be approached directly from outside, otherwise the refuse stores will be approached through a protected lobby with at least 0.2 m² of permanent ventilation or a mechanical equivalent. Management: The fire strategy will be developed in the following project stages. This document will need to outline the main building management items to be considered with respect to fire systems and any other items that may result from bespoke fire engineered solutions. Maintenance: All maintenance shall be in accordance with manufacturer’s recommendations. The following fire safety systems will require maintenance: ▪ Fire detection and alarm systems ▪ Automatic fire suppression ▪ Smoke ventilation systems ▪ Emergency voice communication systems ▪ Emergency lighting ▪ Active fire and smoke barrier assemblies ▪ Fire and smoke dampers ▪ Fire mains ▪ Lifts ▪ Secondary power supplies

London Plan D12 Policy	Site specific response and WSP Fire Engineering comments
	Emergency signage & lighting
B5) how provision will be made within the curtilage of the site to enable fire appliances to gain access to the building	Policy 3.12.3 states “Applicants should demonstrate on a site plan that space has been identified for the appropriate positioning of fire appliances. These spaces should be kept clear of obstructions and conflicting uses which could result in the space not being available for its intended use in the future.” <u>Fire appliance entry to the site:</u> Appendix A shows there is access to the site from the surrounding public roads (accessed via Millbank Road via Lambeth Bridge or via Abingdon Street via Westminster Bridge). <u>Fire appliance access to the building:</u> Appendix A shows that multiple areas exist on the above-mentioned public roads that may be suitable for one or more fire appliances to be positioned. Existing parking spaces are considered as an obstruction and the exact location for the Fire Appliance will be reviewed with all the relevant stakeholders. As the building is be designed based on the provision of a dry fire main, there will be access for a fire appliance to within 18 m of each fire main inlet connection point, typically on the face of the building close to the entrance point leading to the firefighting shaft, with the inlet visible from the fire appliance. There is one dry riser inlet to this building which fulfil the above requirements and can be identified in Appendix A.
B6) ensuring that any potential future modifications to the building will take into account and not compromise the base build fire safety/protection measures	<u>Potential future modifications:</u> This building has been designed as a learning centre, therefore any potential future modifications will need to be reviewed by a competent fire safety engineer.
Policy D5 (B5) Fire Evacuation Lifts (Note: This is relevant to, but not part of, Policy D12)	An evacuation lift located within the fire-fighting shaft shall be designed to BS EN 81-76 (2025). This will need to be a Class A evacuation lift to the emergency exit level (EEL) at Ground Floor to assist with the evacuation of mobility impaired occupants.

Figure 3 – Discharge from fire-fighting shaft on ground floor and access for the Fire Brigade

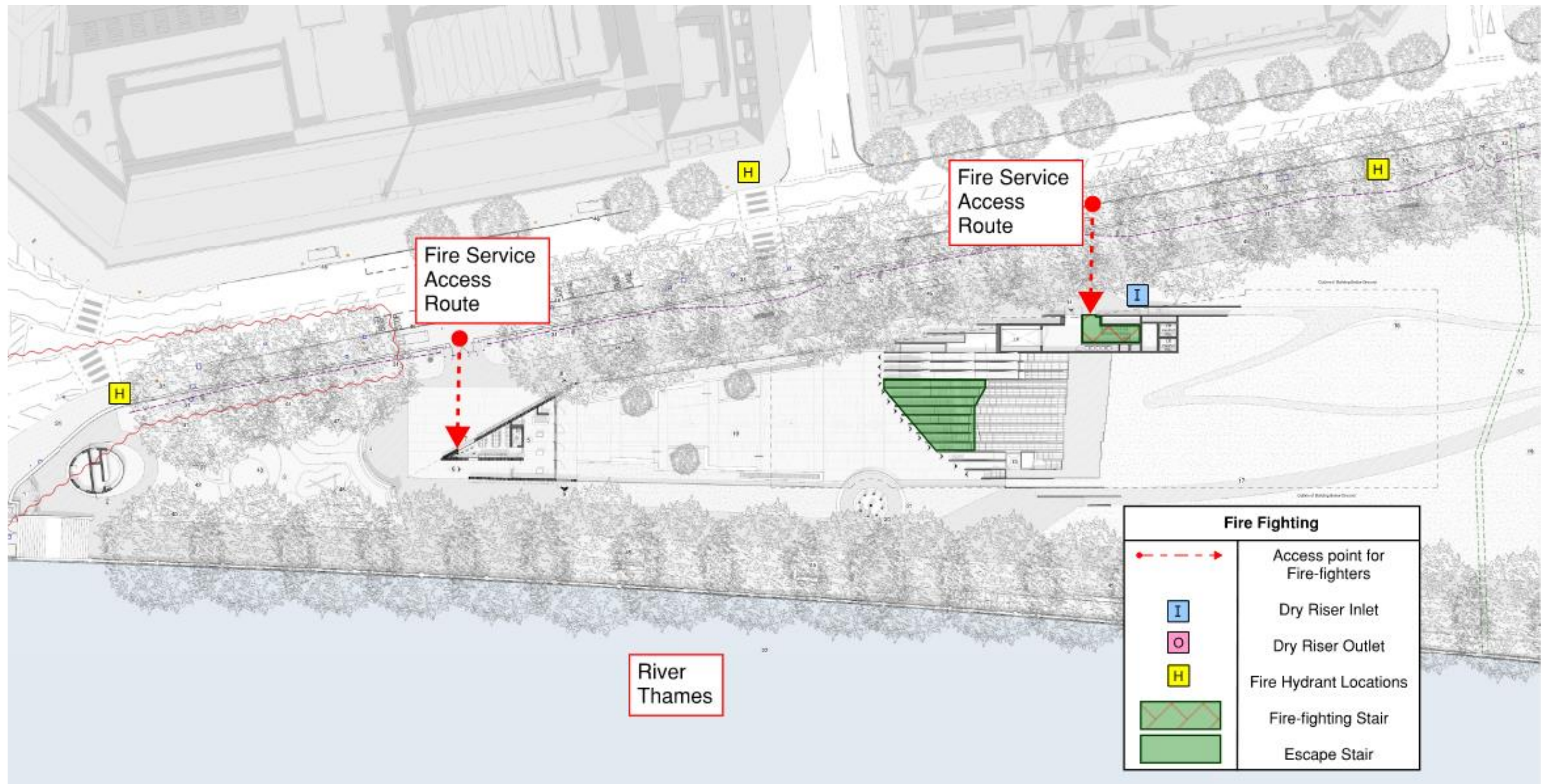


Figure 4 – Location and status of existing street hydrants in the area provided by the London Fire Brigade Hydrant Officer on 27/08/2025



on the map, each hydrant is shown according to its status with the one of the following icons:

-  128633 - Proposed.
-  128634 - Ordered.

-  35196 - Live Satisfactory.
-  2509 - Defective Operable.
-  35187 - Defective Inoperable.
-  128610 - Proposed Abandoned.
-  35243 - Abandoned.

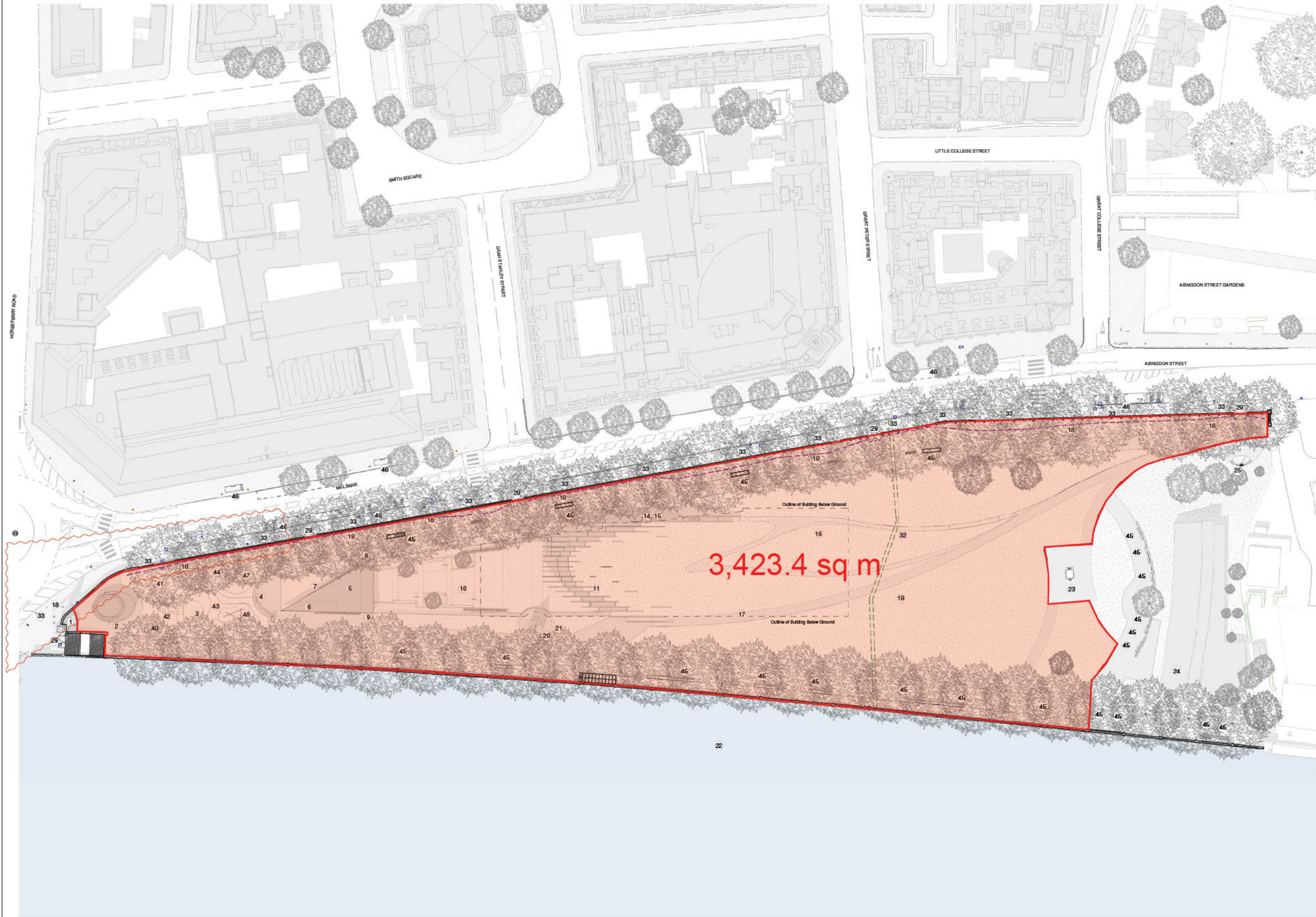
REFERENCES

1. The London Plan 2021, The Spatial Development Strategy for Greater London, March 2021, By: The Greater London Authority, March 2021
https://www.london.gov.uk/sites/default/files/the_london_plan_2021.pdf
2. London Plan Guidance - Fire Safety Policy D12(A), Pre-Consultation Draft March 2021, https://www.london.gov.uk/sites/default/files/fire_safety_d12a_lpg_pre-consultation_draft.pdf
3. London Plan - Guidance Sheet - Policy D12(B), no date or revision given, https://www.london.gov.uk/sites/default/files/draft_guidance_sheet_fire_statements_d12_b_070720_web.pdf
4. 2010 No. 2214, Building and Buildings, England and Wales, The Building Regulations 2010
5. The Building Regulations 2010, Approved Document B Fire Safety Volume 2: Buildings other than Dwellings 2019 Edition incorporating 2020 amendments
6. BS 9999:2017 – Fire safety in the design, management and use of buildings - Code of practice (Incorporating Corrigendum No. 1)
7. BS 7974:2019 Application of Fire Safety Engineering Principles to the Design of Buildings - Code of Practice
8. Adjaye Associates Architects National Holocaust Memorial General Arrangement Plans, dated 15/08/2025
9. BS 8489-1:2016 – TC Fixed fire protection systems. Industrial and commercial watermist systems – Code of practice for design and installation
10. London Plan Guidance - Fire Safety, February 2022 https://www.london.gov.uk/sites/default/files/fire_safety_lpg_consultation_version_-_planning_11_feb_22.pdf
11. Adjaye Associates Architects National Holocaust Memorial Proposed Site Plan, Revision p0.1, dated 15/08/2025
12. BS 5839-1:2025 – Fire detection and fire alarm systems for buildings - Design, installation, commissioning and maintenance of systems in non-domestic premises. Code of practice
13. BS EN 81-76:2025 – Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts - Evacuation of persons with disabilities using lifts

Appendix A

**FIRE SERVICE ACCESS MARK-UP AND
BUILDING SITE-WIDE PLAN**





1 Proposed Site Plan
1:500

- KEY:**
- | | | | | | | |
|------------------------------------|------------------------|----------------------------------|------------------------------------|------------------------------------|-----------------------|--------------------------------------|
| 1. Public WCs | 8. Main exit | 15. Escape stair exit | 21. Buxton seating area | 26. Houses of Parliament | 33. Existing lamppost | 40. Relocated existing dance chimes |
| 2. Café / Bike storage / Generator | 9. Emergency exit | 16. Skylight | 22. River Thames | 27. Lambeth Bridge | 34. Threshold | 41. Relocated existing water pump |
| 3. Playground | 10. Memorial courtyard | 17. Learning centre below ground | 23. Burghers of Calais | 28. Site Boundary | 35. Plant room | 42. Relocated existing wooden horses |
| 4. Spier memorial | 11. Memorial fire | 18. Hostile vehicle perimeter | 24. Parliamentary education centre | 29. Garden entrance gates | 36. Exit ramps | 43. Existing sandpit |
| 5. Entrance pavilion | 12. Memorial fire | 19. Victoria tower gardens | 25. Monument to Emmeline Pankhurst | 30. Garden Blin | 37. Mezzanine level | 44. Relocated existing boulders |
| 6. Main entrance | 13. Passenger lift | 20. Buxton memorial | | 31. Hostile Vehicle perimeter | 38. Feature stair | |
| 7. Bag collection | 14. Good lift entrance | | | 32. Existing Thames overflow sewer | | |
49. Amendment to Cycle and Road Layout at Millbank / Lambeth Bridge Roundabout



General Notes:

Drawing to be read in conjunction with the specification and all relevant drawings.

Do not scale from this drawing.

Contractor to check all dimensions on site. Adjaye Associates to be advised of any discrepancies between this drawing and site conditions immediately.

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Revision	Date	Description
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Status:	Rev.:
Planning	P01

Client: United Kingdom Holocaust Memorial Foundation
Project: National Holocaust Memorial

Drawing Title: Proposed Site Plan

Drawing No.: UKHM-AA-XX-ZZ-DR-A-03-002

Scale: As Indicated @ A1 **Drawn By:** GC
Date: 15/08/25 **Checked By:** JIN



1 Proposed Site Plan
1:500

- KEY:**
- | | | | | | | |
|------------------------------------|------------------------|----------------------------------|------------------------------------|------------------------------------|-----------------------|--------------------------------------|
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| 4. Spier memorial | 11. Memorial fire | 18. Learning centre entrance | 24. Parliamentary education centre | 29. Garden entrance gates | 36. Exit ramps | 43. Existing sandpit |
| 5. Entrance pavilion | 12. Memorial fire | 19. Hostile vehicle perimeter | 25. Monument to Emmeline Pankhurst | 30. Garden Blin | 37. Mezzanine level | 44. Relocated existing boulders |
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48. Amendment to Cycle and Road Layout at Millbank / Lambeth Bridge Roundabout



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Revision	Date	Description
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Status:	Rev.:
Planning	P01

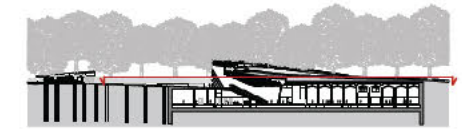
Client:
United Kingdom Holocaust Memorial Foundation
Project:
National Holocaust Memorial

Drawing Title:
Proposed Site Plan

Drawing No.:
UKHM-AA-XX-ZZ-DR-A-03-002

Scale: As Indicated @ A1 **Drawn By:** GC

Date: 15/08/25 **Checked By:** JIN



2 Key Section
1:1000

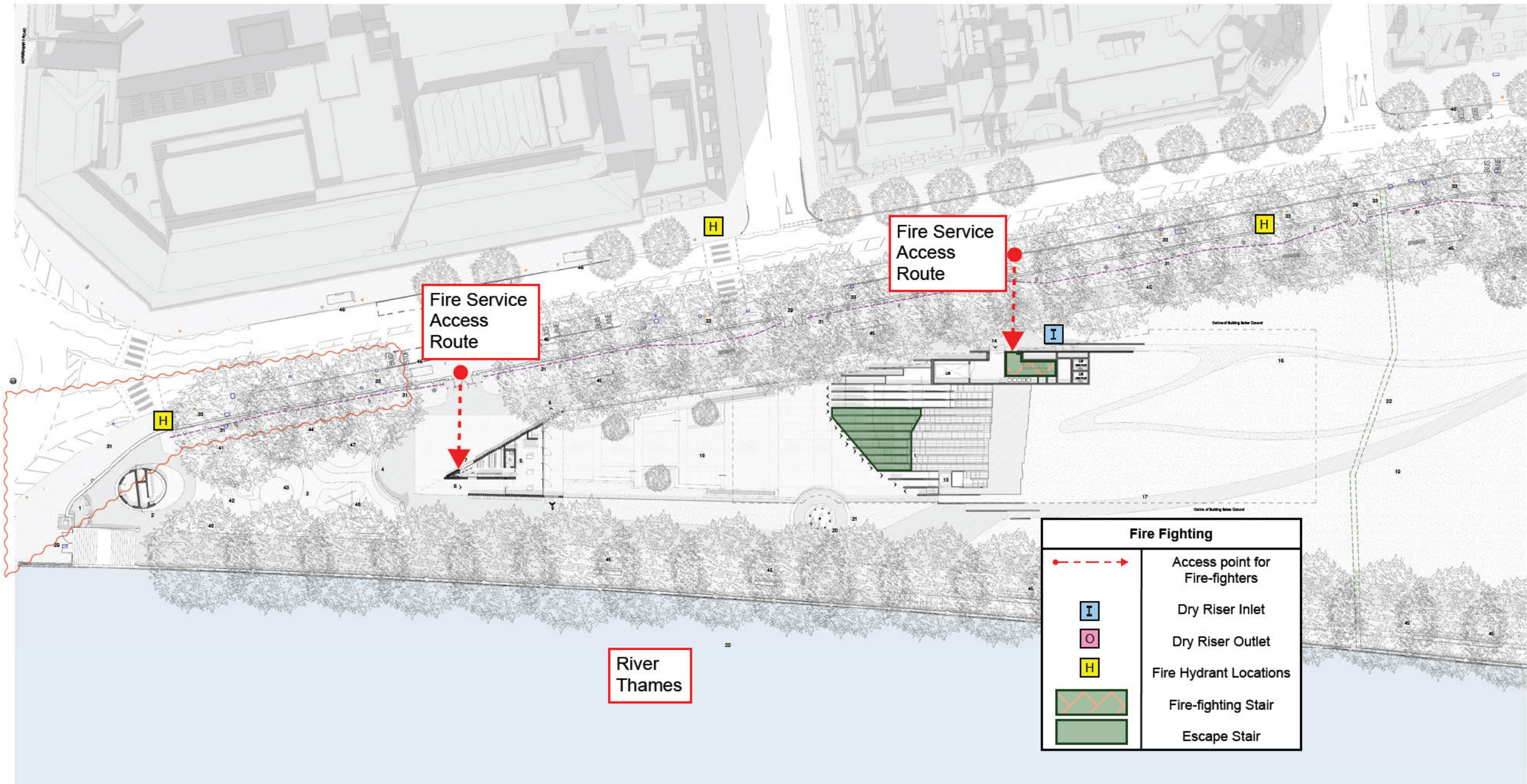
General Notes:
Drawing to be read in conjunction with the specification and all relevant drawings.
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1 Proposed Ground - Part Section
1:250

- KEY:
- Public WC
 - Cafe / Bike storage / Generator
 - Playground
 - Spital memorial
 - Entrance pavilion
 - Main entrance
 - Bag collection
 - Main exit
 - Emergency exit
 - Memorial courtyard
 - Memorial fire
 - Leaning centre entrance
 - Passenger lift
 - Goodwill entrance
 - Escape stair exit
 - Shed
 - Leaning centre below ground
 - Hostile vehicle perimeter
 - Victoria tower gardens
 - Burton memorial
 - Burton seating area
 - River Thames
 - Burghers of Calais
 - Parliamentary education centre
 - Monument to Emmeline Pankhurst
 - House of Parliament
 - Lambeth Bridge
 - Site Boundary
 - Garden entrance gates
 - Garden bins
 - Hostile Vehicle perimeter
 - Existing Thames overflow sewer
 - Existing lampost
 - Theobald
 - Plant room
 - Exit ramps
 - Mazette level
 - Feature stair
 - Relocated existing dance platform
 - Relocated existing under pump
 - Relocated existing wooden house
 - Existing canopy
 - Relocated existing boulders
 - Garden bench
 - Bus stop
 - New basket swing
 - New balancing mobile
 - Mantles and Floor Gullies
 - Amendment to Cycle and Road Layout at Millbank / Lambeth Bridge Roundabout

20.1 m

Revision: **Planning** Date: **PO 1**

Client: **United Kingdom Holocaust Memorial Foundation**
Project: **National Holocaust Memorial**

Drawing Title: **Proposed Ground - Part Section**
Drawing Ref: **UKHM-AA-XX-L0-DR-A-03-100**

Scale: **As Indicated @ A3** Drawn By: **GC**
Date: **15/08/25** Checked By: **JN**



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