



Knowsley Council

**REGENERATION AND ECONOMIC DEVELOPMENT
DEPARTMENT**

TOWN AND COUNTRY PLANNING ACT 1990

PLANNING PERMISSION

Application No: 23/00011/FUL

Name and address of applicant

Manor Hall Academy Trust
Finch Woods Academy Baileys Lane
Park Farm
Halewood
Knowsley
L26 0TY

Name and address of agent

Scropton & Partners
York House
1-3 Newton Close
Park Farm
Wellingborough
NN8 6UW

Date of Receipt: 16 January 2023

Date Valid: 10 May 2023

Address/Location Of Development:

**Finch Woods Academy
Baileys Lane
Halewood
Knowsley
L26 0TY**

Description of Development:

**ERECTION OF A SINGLE STOREY DETACHED ANNEXE BUILDING FOR USE AS
A LEARNING INSTITUTION (USE CLASS F1 (A))**

The Council of the Metropolitan Borough of Knowsley hereby give notice in pursuance of the above Act(s) that Planning Permission has been **granted** for the carrying out of the development referred to above in accordance with the application and plans submitted subject to the following condition(s):

1. The development must be begun not later than the expiration of three years beginning with the date of this permission.

Reason: In order to comply with the requirements of Section 91 of the Town and Country Planning Act 1990 (as amended).

2. The development hereby permitted shall be carried out in accordance with the approved plans and documents listed in Schedule 1.

Reason: For the avoidance of doubt.

3. Notwithstanding any description of materials in the application, no above ground construction works shall take place until samples and/or full specification of materials

to be used externally on the building have been submitted to and approved in writing by the Local Planning Authority. Such details shall include the type, colour and texture of the materials. The development shall be carried out only in accordance with the agreed schedule of materials.

Reason: In the interests of visual amenity and to with Policy CS19 of the Knowsley Local Plan Core Strategy, adopted January 2016, and the National Planning Policy Framework.

4. No work for the construction of this development, including demolition and deliveries to and from the site shall take place on the site except between the hours:

08:00 - 18:00 Monday to Friday; and
08:00 - 13.00 on Saturdays.

In particular, no work should be carried out on Sundays or officially recognised public holidays without the prior agreement in writing of the Local Planning Authority.

Reason: To safeguard the amenities of nearby residents.

5. No part of the development hereby permitted shall be commenced until a Construction/Demolition Management Plan has been submitted to and agreed in writing by the Local Planning Authority that details the means of mitigation of construction/demolition effects. This shall include but not limited to the following:-
 - Methods for the mitigation of noise and vibration from building works, including any piling works, and also from the operation of any temporary power generation or pumping plant which will operate overnight.
 - Methods for dust control and suppression.
 - Details of wheel washing facilities including location and type.
 - The areas for the storage of plant and materials.
 - Location of site compound.
 - Details of relevant pest control measures to be taken during both the construction and demolition phases.

All site works shall then proceed only in accordance with the approved management plan.

Reason: To ensure the satisfactory development of the site and in the interests of protecting the amenity of neighbouring occupiers and to comply with the National Planning Policy Framework; Policies CS2 and CS19 of the Knowsley Local Plan Core Strategy (adopted January 2016); Policy WM9 of the Merseyside and Halton Joint Waste Local Plan 2013 and saved Policies H5 and ENV2 of the Knowsley Replacement Unitary Development Plan (adopted June 2006).

6. In the event that contamination is found at any time when carrying out the approved development that was not previously identified it must be reported immediately to the Local Planning Authority. Development on the part of the site affected must be halted and a risk assessment carried out and submitted to and approved in writing by the Local Planning Authority. Where unacceptable risks are found remediation and verification schemes shall be submitted to and approved in writing by the Local Planning Authority. These shall be implemented prior to the development being brought into use.

No topsoil is to be imported to the site until it has been tested for contamination and assessed for its suitability for the proposed development; a suitable methodology for testing this material should be submitted to and agreed by the Local Planning

Authority prior to the soils being imported onto site. The methodology should include the sampling frequency, testing schedules, criteria against which the analytical results will be assessed (as determined by the risk assessment) and source material information. The analysis shall then be carried out and evidence submitted to and approved in writing to by the Local Planning Authority.

Reason: In the interests of safety, to prevent pollution of the water environment and to comply with Saved Policy ENV5 of the Knowsley Replacement Unitary Development Plan, adopted June 2006.

7. Prior to the commencement of development, details of a sustainable surface water drainage scheme and a foul water drainage scheme shall be submitted to and approved in writing by the Local Planning Authority. The drainage schemes must include:
 - i. An investigation of the hierarchy of drainage options in the National Planning Practice Guidance (or any subsequent amendment thereof). This investigation shall include evidence of an assessment of ground conditions and the potential for infiltration of surface water in accordance with BRE365;
 - ii. A restricted rate of discharge of surface water agreed with the local planning authority (if it is agreed that infiltration is discounted by the investigations);
 - iii. Levels of the proposed drainage systems including proposed ground and finished floor levels in AOD;
 - iv. incorporate mitigation measures to manage the risk of sewer surcharge where applicable; and
 - v. Foul and surface water shall drain on separate systems. The approved schemes shall also be in accordance with the non-statutory technical standards for Sustainable Drainage Systems (March 2015) or any subsequent replacement national standards. Prior to occupation of the proposed development, the drainage schemes shall be completed in accordance with the approved details and retained thereafter for the lifetime of the development.

Reason: To promote sustainable development, secure proper drainage and to manage the risk of flooding and pollution and to comply with development policies CS2 and CS24 of the Knowsley Local Plan: Core Strategy (adopted January 2016).

8. At least five days written notice has been given to the Local Planning Authority of the intention to commence development. The protective fencing referred to in parts (a) and (b) shall be in place prior to the written notice of the start of development being given to the Local Planning Authority and shall be retained in place until the development is complete.

Reason: To protect existing trees on the common law boundary and to comply with Policies CS2 and CS19 of the Knowsley Local Plan Core Strategy (adopted January 2016) and saved Policy DQ4 of the Knowsley Replacement Unitary Development Plan (adopted January 2006).

9. Prior to commencement of development Reasonable Avoidance Measures shall be implemented on site to prevent harm to mammals (e.g., Hedgehogs) during the construction phase of the development hereby approved in accordance with the following measures:
 - All trenches and excavations should have a means of escape (e.g., a ramp);
 - Any exposed open pipe system should be capped to prevent mammals gaining access; and
 - Appropriate storage of materials to ensure mammals do not use them.

The avoidance measures shall be implemented in accordance with the above details and shall remain in force as such for the full duration of the construction phase of the development:

Reason: To ensure that the development does not cause harm to any protected species in accordance with the National Planning Policy Framework (2021) and Policies CS2 and CS8 of the Knowsley Local Plan Core Strategy, adopted January 2016.

SCHEDULE 1

Date Received	Ref. No	Version	Drawing/Document Title
10/05/2023	1481 SAP V1V-GF DR A 10110 SO	REV 06	PROPOSED GROUND FLOOR PLAN
10/05/2023	1481 SAP XX 00 DR A 10001 SO	REV 06	PROPOSED SITE PLAN
10/05/2023	ARBTECH AIA 01	-	ARBORICULTURAL IMPACT ASSESSMENT
10/05/2023	-	-	ARBORICULTURAL METHOD STATEMENT
10/05/2023	ARBTECH TPP 01	-	TREE PROTECTION PN
13/06/2023	1481 SAP V1 XX DRA 30100 SO	REV 04	PROPOSED ELEVATIONS
16/01/2023	1481 SAP V1 RP DR A 10111 SO	REV 02	PROPOSED ROOF PLAN
16/01/2023	1481 SAP XX 00 DR A 00000 SO	REV 01	LOCATION PLAN

REASON(S) FOR THE GRANTING OF PLANNING PERMISSION

The decision to grant planning permission has also been taken having regard to the policies and proposals as set out below, and to all relevant material considerations including supplementary planning guidance:-

CS2 - Development Principles
CS7 - Transport Networks
CS19 - Design Quality and Accessibility in New Development
CS21 - Greenspaces and Trees
SUE2b - Sustainable Urban Extensions - East of Halewood

This informative is only intended as a summary of the reason(s) for the granting of planning permission. Should you require any further details relating to the decision please contact the relevant case officer (John Fleming on 0151 443 2216)

ARTICLE 35 STATEMENT

The Local Planning Authority has acted positively and proactively in determining this application by assessing the proposal against all material considerations, including planning policies and any representations that may have been received and subsequently determining to grant planning permission in accordance with the presumption in favour of sustainable development, as set out within the National Planning Policy Framework.

NOTE FOR APPLICANT:

IMPORTANT - PLEASE READ CAREFULLY THE NOTES BELOW AS FAILURE TO COMPLY COULD MAKE THE DEVELOPMENT HEREBY PERMITTED UNAUTHORISED

- 1) This planning permission is granted in strict accordance with the approved plans. It should be noted however that:
 - a) Any variation from the approved plans following commencement of the development, irrespective of the degree of variation, will constitute unauthorised development and may be liable to enforcement action.
 - b) You or your agent or any other person responsible for implementing this permission should inform Planning Services immediately of any proposed variation from the approved plans and ask to be advised as to the best method to resolve the matter. Most proposals for variation to the approved plans will require the submission of a new planning application.
- 2) This permission is granted subject to conditions, and it is the owner of the property and the person responsible for the implementation of the development who will be fully responsible for their compliance throughout the development and beyond.
- 3) If there is a condition that requires work to be carried out or details to be approved prior to the commencement of the development this is called a "condition precedent". The following should be noted with regards to conditions precedent.
 - a) If a condition precedent is not complied with prior to the start of development, the whole of the development will be unauthorised, and you may be liable to enforcement action.
 - b) In addition, if the requirements of a condition precedent are subsequently not complied with, the development is unauthorised and the only way to rectify the development is the submission of a new application.

If any other type of condition is breached, then you will be liable to a breach of condition notice.

NOTE FOR APPLICANT: The applicant's attention is drawn to the following comments;

1. The proposed development lies within a coal mining area which may contain unrecorded coal mining related hazards. If any coal mining feature is encountered during development, this should be reported immediately to the Coal Authority on 0345 762 6848.

Further information is also available on the Coal Authority website at:

www.gov.uk/government/organisations/the-coal-authority

Standing Advice valid from 1st January 2023 until 31st December 2024

2. Based on the information available to this division we are not aware of any contamination on this site. However, the responsibility to properly address contaminated land issues lies with the owner/developer of the site, irrespective of any involvement by this Authority. The applicant/developer is requested to contact the Council's Environmental Protection Unit (Tel: 0151 443 4713) as soon as is practicable should contamination be encountered during the development of the site.

If contaminated material is encountered the applicant/developer is required to dispose of the contaminated arisings appropriately. They should also be aware of their health and safety responsibilities to workers in respect of handling such materials. The developer should also ensure that no pathways are created by which any contamination may either migrate off-site or affect site users.

3. Please see attached letter from Merseyside Fire and Rescue.
4. Cadent Gas Ltd own and operate the gas infrastructure within the area of your development. There may be a legal interest (easements and other rights) in the land that restrict activity in

proximity to Cadent assets in private land. The applicant must ensure that the proposed works do not infringe on legal rights of access and or restrictive covenants that exist.

If buildings or structures are proposed directly above the apparatus the development may only take place following diversion of the apparatus. The applicant should apply online to have apparatus diverted in advance of any works, by visiting cadentgas.com/diversions

Prior to carrying out works, including the construction of access points, please register on www.linerearchbeforeudig.co.uk to submit details of the planned works for review, ensuring requirements are adhered to.

Your responsibilities and obligations

Cadent may have a Deed of Easement on the pipeline, which provides us with a right of access for a number of functions and prevents change to existing ground levels, storage of materials. It also prevents the erection of permanent/temporary buildings, or structures. If necessary Cadent will take action to legally enforce the terms of the easement.

This letter does not constitute any formal agreement or consent for any proposed development work either generally or related to Cadent's easements or other rights, or any planning or building regulations applications.

Cadent Gas Ltd or their agents, servants or contractors do not accept any liability for any losses arising under or in connection with this information. This limit on liability applies to all and any claims in contract, tort (including negligence), misrepresentation (excluding fraudulent misrepresentation), breach of statutory duty or otherwise. This limit on liability does not exclude or restrict liability where prohibited by the law nor does it supersede the express terms of any related agreements.

If you need any further information or have any questions about the outcome, please contact us at plantprotection@cadentgas.com or on 0800 688 588.

5. As part of any application to discharge the above condition, the applicant must consider the surface water drainage hierarchy when preparing the drainage strategy.

We would expect the applicant to carry out adequate percolation tests in accordance with BRE 365 to determine whether infiltration would be suitable. If infiltration proves unviable then the applicant must consider a direct connection to the culverted watercourse in Baileys Lane. If evidence is provided to demonstrate that neither options are viable, we would expect any surface water connections to be restricted to a maximum pass forward flow of 5 l/s regardless of storm event with adequate attenuation to ensure that flooding does not occur.

UNITED UTILITIES PROPERTY, ASSETS AND INFRASTRUCTURE

Where United Utilities' assets cross the proposed red line boundary, developers must contact our Developer Services team prior to commencing any works on site, including trial holes, groundworks or demolition. Please see 'Contacts' section below.

Water pipelines

United Utilities will not allow building over or in close proximity to a water main.

Wastewater pipelines

United Utilities will not allow a new building to be erected over or in close proximity to a public sewer or any other wastewater pipeline. This will only be reviewed in exceptional circumstances.

Nb. Proposals to extend domestic properties either above, or in close proximity to a public sewer will be reviewed on a case-by-case basis by either by a building control professional or following a direct application to United Utilities (see our website for further details).

Important information regarding water and wastewater pipelines and apparatus

It is the applicant's responsibility to investigate and demonstrate the exact relationship between United Utilities' assets and the proposed development.

A number of providers offer a paid for mapping service, including United Utilities (see 'Contacts' section below). The position of the underground apparatus shown on water and wastewater asset maps is approximate only and is given in accordance with the best

information currently available. Therefore, we strongly recommend the applicant, or any future developer, does not rely solely on the asset maps to inform decisions relating to the detail of their site and instead investigates the precise location of any underground pipelines and apparatus. Where additional information is requested to enable an assessment of the proximity of proposed development features to United Utilities assets, the proven location of pipelines should be confirmed by site survey; an extract of asset maps will not suffice. The applicant should seek advice from our Developer Services team on this matter. See 'Contacts' Section below. United Utilities Water will not accept liability for any loss or damage caused by the actual position of our assets and infrastructure being different from those shown on asset maps.

Developer's should investigate the existence and the precise location of water and wastewater pipelines as soon as possible as this could significantly impact the preferred site layout and/or diversion of the asset(s) may be required. Unless there is specific provision within the title of the property or an associated easement, any necessary disconnection or diversion of assets to accommodate development, will be at the applicant/developer's expense. In some circumstances, usually related to the size and nature of the assets impacted by proposals, developers may discover the cost of diversion is prohibitive in the context of their development scheme.

Any agreement to divert our underground assets will be subject to a diversion application, made directly to United Utilities. This is a separate matter to the determination of a planning application. We will not guarantee, or infer acceptance of, a proposed diversion through the planning process (where diversion is indicated on submitted plans). In the event that an application to divert or abandon underground assets is submitted to United Utilities and subsequently rejected (either before or after the determination of a planning application), applicants should be aware that they may need to amend their proposed layout to accommodate United Utilities' assets.

Where United Utilities' assets exist, the level of cover to United Utilities pipelines and apparatus must not be compromised either during or after construction and there should be no additional load bearing capacity on pipelines without prior agreement from United Utilities. This would include sustainable drainage features, earth movement and the transport and position of construction equipment and vehicles.

Any construction activities in the vicinity of United Utilities' assets, including any assets or infrastructure that may be located outside the applicant's red line boundary, must comply with national building and construction standards and where applicable, our 'Standard Conditions for Works Adjacent to Pipelines', a copy of which is available on our website. The applicant, and/or any subsequent developer should note that our 'Standard Conditions' guidance applies to any design and construction activities in close proximity to water pipelines and apparatus that are no longer in service, as well as pipelines and apparatus that are currently operational.

It is the applicant's responsibility to ensure that United Utilities' required access is provided within any proposed layout and that our infrastructure is appropriately protected. The developer would be liable for the cost of any damage to United Utilities' assets resulting from their activity.

DRAINAGE

National Planning Policy Framework (NPPF) and the National Planning Practice Guidance (NPPG) advise that surface water from new developments should be investigated and delivered in the following order of priority:

1. into the ground (infiltration);
2. to a surface water body;
3. to a surface water sewer, highway drain, or another drainage system;
4. to a combined sewer.

The applicant should consider their drainage plans in accordance with the drainage hierarchy outlined above.

Please note, United Utilities is not responsible for advising on rates of discharge to the local watercourse system. This is a matter for discussion with the Lead Local Flood Authority and / or the Environment Agency (if the watercourse is classified as main river).

In the event that the applicant, or any subsequent developer, approaches United Utilities regarding a connection for surface water to the public sewer, it is likely that we will request evidence that the drainage hierarchy has been fully investigated and why more sustainable options are not achievable. This will be managed through either our 'S106 Sewer Connections' or 'S104 Adoptions' processes.

If the applicant intends to offer wastewater assets forward for adoption by United Utilities, their proposed detailed design will be subject to a technical appraisal by our Developer Services team and must meet the requirements outlined in 'Sewerage Sector Guidance Appendix C - Design and Construction Guidance v2-2' dated 29 June 2022 or any subsequent iteration. This is important as drainage design can be a key determining factor of site levels and layout.

The applicant should not presume that the principles outlined within a drainage strategy will meet the detailed requirements for a successful adoption application. We strongly recommend that no construction commences until the detailed drainage design, has been assessed and accepted in writing by United Utilities. Any works carried out prior to the technical assessment being approved is done entirely at the developers own risk and could be subject to change.

WATER AND WASTEWATER SERVICES

If the applicant intends to receive water and/or wastewater services from United Utilities they should visit our website or contact the Developer Services team for advice at the earliest opportunity. This includes seeking confirmation of the required metering arrangements for the proposed development. See 'Contacts' Section below.

If the proposed development site benefits from existing water and wastewater connections, the applicant should not assume that the connection(s) will be suitable for the new proposal or that any existing metering arrangements will suffice. In addition, if reinforcement of the water network is required to meet potential demand, this could be a significant project and the design and construction period should be accounted for.

In some circumstances we may require a compulsory meter is fitted. For detailed guidance on whether the development will require a compulsory meter please visit <https://www.unitedutilities.com/my-account/your-bill/our-household-charges-20212022/> and go to section 7.7 for compulsory metering.

To promote sustainable development United Utilities offers a reduction in infrastructure charges for applicant's delivering water efficient homes and draining surface water sustainably (criteria applies). For further information, we strongly recommend the applicant visits our website when considering any water or wastewater design

<https://www.unitedutilities.com/builders-developers/your-development/planning/building-sustainable-homes/>

Business customers can find additional information on our sustainable drainage incentive scheme at <https://www.unitedutilities.com/Business-services/retailers/incentive-schemes/>

To avoid any unnecessary costs and delays being incurred by the applicant or any subsequent developer, we strongly recommend the applicant seeks advice regarding water and wastewater services, and metering arrangements, at the earliest opportunity. Please see 'Contacts' Section below.

CONTACTS

Website

For detailed guidance on water and wastewater services, including application forms and the opportunity to talk to the Developer Services team using the 'Live Chat' function, please visit: <http://www.unitedutilities.com/builders-developers.aspx>

Email

For advice on water and wastewater services or to discuss proposals near to pipelines, email the Developer Services team as follows:

Water mains and water supply, including metering - DeveloperServicesWater@uuplc.co.uk

Public sewers and drainage - WastewaterDeveloperServices@uuplc.co.uk

Telephone - 0345 072 6067

Property Searches (for asset maps):

A number of providers offer a paid for mapping service including United Utilities. For more information, or to purchase a sewer and water plan from United Utilities, please visit <https://www.unitedutilities.com/property-searches/>

Water and sewer records can be viewed for free at our Warrington Head Office by calling 0370 751 0101. Appointments must be made in advance. Public sewer records can be viewed at local authority offices. Arrangements should be made directly with the local authority.

Executive Director - Regeneration and Economic Development

Date: 7 August 2023

IMPORTANT NOTES FOR YOUR ATTENTION:

- 1. This permission refers only to that required under the Town and Country Planning Acts and does not include any consent or approval under any other enactment, bylaw, order or regulation.**
- 2. This permission refers only to those plans submitted as part of the Planning Application a copy of which is retained by the Local Planning Authority. The Local Planning Authority should be contacted in writing if it is proposed to amend these plans in any way as a further permission, may be required.**
- 3. You should ensure that you understand the requirements of all planning conditions and that you fully comply with their requirements. If you are in any doubt about what a condition requires of you, please ask us for assistance. Planning conditions may require you to submit further information to us and await our approval before you can start your development. A failure to do so could result in your development being unlawful and necessitate the submission of a further planning application. A failure to comply with the conditions of the permission/consent may result in the taking of enforcement and potentially legal action, against you to remedy the breach of planning control.**
- 4. A fee is normally payable to discharge planning conditions in accordance with government regulations.**
- 5. This permission does not convey any rights or approval to build on, or develop, any land that is not fully owned or controlled by you, including on party boundaries. You should satisfy yourself that the agreement of any adjoining landowners has been given prior to commencing any building works.**
- 6. If a Building Regulations Consent is required for these works it is your responsibility to ensure that the plans submitted for both the Building Regulations Consent and Planning Permission are the same in all respects. Should the plans relating to one consent vary from the other, it will be necessary for you to submit amended plans to this Department and obtain the relevant approval(s) prior to commencing any works. Knowsley Council's Building Control team are contactable on (0151)-443 2342 and they would be pleased to assist you.**

Appeals to the Secretary of State

- If you are aggrieved by the decision of your local planning authority to refuse permission for the proposed development or to grant it subject to conditions, then you can appeal to the Secretary of State under section 78 of the Town and Country Planning Act 1990.
- As this is a decision for a minor commercial application, if you want to appeal against your local planning authority's decision then you must do so within 12 weeks of the date of this notice.
- Appeals can be made online at: <https://www.gov.uk/planning-inspectorate>.
If you are unable to access the online appeal form, please contact the Planning Inspectorate to obtain a paper copy of the appeal form on tel: 0303 444 5000.
- The Secretary of State can allow a longer period for giving notice of an appeal but will not normally be prepared to use this power unless there are special circumstances which excuse the delay in giving notice of appeal.
- The Secretary of State need not consider an appeal if it seems to the Secretary of State that the local planning authority could not have granted planning permission for the proposed development or could not have granted it without the conditions they imposed, having regard to the statutory requirements, to the provisions of any development order and to any directions given under a development order.

Knowsley MBC
Planning Department
Municipal Buildings
Archway Road
Huyton
L36 9YU

Email:
dcconsultations@knowsley.gov.uk

Merseyside Fire & Rescue Authority
Community Fire Protection
Fire Engineering Team
Service Headquarters
Bridle Road
Bootle
Merseyside
L30 4YD

Telephone: 0151 296 6590 (Calls may be recorded)
Inspecting Officer: Alison Harrison
Email: fireengineeringteam@merseyfire.gov.uk
web Site: www.merseyfire.gov.uk

Your ref: 23/00011/FUL

Our ref: 00429026/1025793/AH/LC

Date: 24th May 2023

Dear Sir/Madam,

THE TOWN AND COUNTRY PLANNING ACT 1990
PLANNING APPLICATION NUMBER REF: 23/00011/FUL
PROPOSAL: ERECTION OF A SINGLE STOREY DETACHED ANNEXE BUILDING
FOR USE AS A LEARNING INSTITUTION (USE CLASS F1 (a))
ADDRESS: Finch Woods Academy Baileys Lane Halewood Knowsley L26 0TY

The Fire Authority requests that any decision notice includes the following information;

The plans relating to the above application have been examined and below are the Fire Authority's observations:

- * Access for fire appliances should comply with the requirements of Section B5, Schedule 1 of the Building Regulations. Provisions for access will depend on the size and use of the building. The design of the access route, for example minimum road widths and maximum reversing distances, should also be considered (Appendix A, attached).
- * In accordance with Section 55 of the County of Merseyside Act 1980, the position of the premises should not compromise or impede existing means of fire service access to a neighbouring building.
- * Water supplies for firefighting purposes (Appendix B) should be risk assessed in accordance with the undermentioned guidance in liaison with the water undertakers (United Utilities - 0161 907 7351) with suitable and sufficient fire hydrants supplied.
- * **Education, health and community facilities -**
 - **5.1. Village halls**
 - **5.2. Primary schools and single storey health centres**
 - **5.3. Secondary schools, colleges, large health and community facilities**

Primary schools and single storey health centre's— Should have a water supply capable of delivering a minimum flow of 20 litres per second through any single hydrant on the development or within a vehicular distance of 70 metres from the complex.

Secondary schools, colleges, large health and community facilities— Should have a water

supply capable of delivering a minimum flow of 35 litres per second through any single hydrant on the development or within a vehicular distance of 70 metres from the complex.

Further information regarding access requirements can be found in the current version of Approved Document B, which is available for free download via:

<https://www.gov.uk/government/publications/fire-safety-approved-document-b>

Should you require any further information in respect of this correspondence please contact the Officer named above

Yours faithfully



Alison Harrison

Authorised Fire Safety Inspecting Officer

And on behalf of Merseyside Fire and Rescue Authority



Appendix A - Access and Facilities for the Fire Service as given in Section B5 of Approved Document B

Domestic Dwellings

For dwelling houses, access for a pumping appliance should be provided to within 45m of all points inside the dwelling house.

For flats, either: access for a pumping appliance should be provided to within 45m of all points inside each flat of a block, measured along the route of the hose; or fire mains should be provided.

Commercial Buildings

Small buildings (up to 2000m², with a top occupied storey a maximum of 11m above ground level), require access for a pump appliance to 15% of the perimeter, or within 45m of every point of the footprint of the building, whichever is the less onerous.

Larger buildings will require access to a percentage of the perimeter that increases incrementally with size of the total floor area and height of building – please see details in Approved Document B Volume 2 Section 15.

Elevations to which vehicle access is provided will require a door, to give access into the building. The maximum distance between doors, or between a door and the end of the elevation, is 60m (ie a 150m elevation would need a minimum of two doors).

All Buildings

Access routes and hardstanding should comply with Table 13.1 ADB Volume 1 / Table 15.2 ADB Volume 2. Please note: MFRS appliances are 17 tonnes (pump) and 26 tonnes (high reach).

Dead-end access routes longer than 20m require turning facilities (eg a turning circle or hammer head, or other turning point).

Where fire mains are fitted, access should be provided for a pumping appliance to within 18m of each fire main inlet connection point. Inlets should be on the face of the building and visible from the parking position of the appliance. The run of horizontal internal connecting pipe should be a maximum of 18m in length.

Buildings with a storey more than 18m above the fire service vehicle access level, or a basement more than 10m below, should have one or more firefighting shafts containing fire-fighting lifts and fire mains (a minimum of two fire-fighting shafts will be required for buildings with a floor area of 900 m² or more).

Buildings in the 'shop and commercial', 'assembly and recreation' or 'industrial' purpose groups (Groups 4, 5, or 6), with a storey area of 900m² or more and a storey height of 7.5m or more above fire service vehicle access level will require at least two firefighting shafts (firefighting lifts may not be needed).

Entry to a firefighting shaft at fire service access level should be available either directly from the open air or by way of a protected corridor not exceeding 18m in length. The corridor is deemed to be part of the firefighting shaft, and any access to it from the accommodation should be by way of protected lobbies.



Hydrants

Where a building has a compartment with an area of more than 280m² and is being erected more than 100m from an existing fire hydrant, additional hydrants are required as follows:

Buildings with fire main – hydrant within 90m of dry fire main inlet;

Buildings without fire main – hydrant within 90m of an entrance to the building; and a maximum of 90m apart.

Appendix B - Guidelines on flow requirements for firefighting

The following flows represent the ideal requirements on new developments and during permanent system changes.

Housing

Housing developments with units of detached or semidetached houses of not more than two floors should have a water supply capable of delivering a minimum of eight litres per second through any single hydrant. Multi occupied housing developments with units of more than two floors should have a water supply capable of delivering a minimum of 20 to 35 litres per second through any single hydrant on the development.

Transportation

Lorry/coach parks - multi-storey car parks - service stations.

All of these amenities should have a water supply capable of delivering a minimum of 25 litres per second through any single hydrant on the development or within a vehicular distance of 90 metres from the complex.

Industry

The water supply infrastructure to any industrial estate should be as follows with the mains network on site being normally at least 150 mm nominal diameter—

Up to one hectare 20 litres per second.

One to two hectares 35 litres per second.

Two to three hectares 50 litres per second.

Over three hectares 75 litres per second.

Shopping, offices, recreation and tourism

Commercial developments of this type should have a water supply capable of delivering a minimum flow of 20 to 75 litres per second to the development site.



Education, health and community facilities

Village halls— Should have a water supply capable of delivering a minimum flow of 15 litres per second through any single hydrant on the development or within a vehicular distance of 100 metres from the complex.

Primary schools and single storey health centre's— Should have a water supply capable of delivering a minimum flow of 20 litres per second through any single hydrant on the development or within a vehicular distance of 70 metres from the complex.

Secondary schools, colleges, large health and community facilities— Should have a water supply capable of delivering a minimum flow of 35 litres per second through any single hydrant on the development or within a vehicular distance of 70 metres from the complex.

