

Manchester City Council
By email

Your ref 137227/FO/2023
Our ref DC/23/2479
Date 07-AUG-23

Dear Planning Team

Location: Plot D Great Jackson Street Manchester M15 4NP.

Proposal: Full planning permission for the demolition of existing structures and the erection of one residential building to a height of 71 storeys comprising 642 homes (Use Class C3) with food and drink uses (Use Class E) and / or drinking establishment (Sui Generis); and one office building (Use Class E); with basement car parking, cycle parking, landscaping and public realm, servicing and access arrangements, highways alterations and associated works

United Utilities wish to make the following comments on the proposal detailed above. The letter and appendix should be read in its entirety to support the determination, design and should the scheme be approved, subsequent delivery of the proposal.

DRAINAGE

The development includes basement car parking. To discharge the below condition, we request that the applicant demonstrates measures to be taken to ensure that the proposed development is not at an increased risk of flooding. This includes mitigating the risk of sewer surcharge.

The LPA should note the risk of overland flow arising from possible sewer surcharge from the existing and any proposed sewers. In order to best minimise the risk to the development, both above and below ground, we recommend the applicant demonstrates an understanding that any proposed Finished Floor Levels will be above the receiving manholes on the drainage network.

To address the above, we request the following condition is attached to any subsequent Decision Notice:

REQUESTED CONDITION – Foul and Surface Water Drainage

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) *An overland flow and exceedance plan;*
- (v) *Incorporate mitigation measures to manage the risk of sewer surcharge where applicable; and*
- (vi) *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.

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).

To discuss their drainage proposals the applicant can contact a **Developer Engineer by email at SewerAdoptions@uuplc.co.uk**. Alternative ways to contact the team are detailed in the appendix 'Section 4. Contacts'.

Management and maintenance of Sustainable Drainage Systems (SuDS)

Without effective management and maintenance SuDS can fail or become ineffective which may have a detrimental impact on the surrounding area. There is also a risk ineffective SuDS could impact the performance of the public sewer network where the two systems interact. Therefore, when SuDS is included in a proposed development, we recommend the Local Authority include a condition relating to SuDS management and maintenance in any subsequent Decision Notice. We provide an *example condition* below that may be suitable in many circumstances.

Please note United Utilities cannot provide comment on an asset that is owned by a third party management and maintenance company. Therefore, whilst we recommend the inclusion of a management and maintenance condition, United Utilities would not be involved its discharge.

Prior to occupation of the development a sustainable drainage management and maintenance plan for the lifetime of the development shall be submitted to the local planning authority and

agreed in writing. The sustainable drainage management and maintenance plan shall include as a minimum:

- a. Arrangements for adoption by an appropriate public body or statutory undertaker, or, management and maintenance by a resident's management company; and*
- b. Arrangements for inspection and ongoing maintenance of all elements of the sustainable drainage system to secure the operation of the surface water drainage scheme throughout its lifetime.*

The development shall subsequently be completed, maintained and managed in accordance with the approved plan.

Reason: To ensure that management arrangements are in place for the sustainable drainage system in order to manage the risk of flooding and pollution during the lifetime of the development.

UNITED UTILITIES PROPERTY, ASSETS AND INFRASTRUCTURE

It is the applicant's responsibility to investigate the existence of any pipelines that might cross or impact their proposed site and also to demonstrate the exact relationship between United Utilities' assets and the proposed development.

The applicant should not rely solely on the detail contained within asset maps when considering a proposed layout. Additional details on this, along with other key information that might impact a proposed layout is contained in the Appendix, Section 'Water and wastewater pipelines and apparatus'.

Where United Utilities' assets exist, it is essential that the applicant, or any subsequent developer, contacts our Developer Services team prior to commencing any works on site, including trial holes, groundworks or demolition. See 'Section 4. Contacts' in the Appendix

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Water main:

A water main crosses the site. It must not be built over, or our access to the pipeline compromised in any way. We require an access strip as detailed in our 'Standard Conditions for Works Adjacent to Pipelines', which can be found on our website: <https://www.unitedutilities.com/builders-developers/your-development/planning/building-over-or-working-near-our-assets/working-near-our-pipes/>. The applicant must comply with this document to ensure pipelines are adequately protected both during and after the construction period.

Public sewer:

A public sewer crosses the site and we will not permit building over it. We require an access strip for maintenance or replacement and this access must not be compromised in any way. The minimum distances that might be acceptable to United Utilities are detailed within Part H of the Building Regulations however, we recommend the applicant determines the precise location, size, depth and condition of the pipeline as this is likely to influence the required stand-off distance from any structure.

We provide the information detailed in this letter to the Local Planning Authority to support their consideration of the planning application.

We attached an appendix, *'Supporting information for the decision maker, applicant/developer and any other interest party'*. It is important that this is read in conjunction with this letter.

We request that a copy of this letter and the appendix is made available to the applicant.

Yours faithfully

The Planning, Landscape and Ecology Team

Appendix:
Supporting information for the decision maker, applicant/developers and any other interested party

Whilst we provide the following information to support the design and delivery of the proposed scheme, we strongly recommend that the applicant, or any subsequent developer, contacts our Developer Services team at the earliest opportunity, using our **free pre-development enquiry service**, to ensure they have fully considered all aspects of development and to avoid any potential issues or unexpected costs at a later date.

Full details of the services offered to developers, guidance and application forms are available on our website: www.unitedutilities.com/builders-developers/

1.0 DRAINAGE DESIGN

1.1 The importance of sustainable drainage systems

We strongly encourage all developments to include sustainable drainage systems to help manage surface water and to offer new opportunities for wildlife to flourish. We request that Local Planning Authorities and applicants do all they can to avoid surface water entering the public sewer. The flows that come from this surface water are very large when compared with the foul water that comes from toilets, showers, baths, washing machines, etc. It is the surface water that uses up a lot of capacity in our sewers and results in the unnecessary pumping and treatment of surface water at our pumping stations and treatment works. If new developments can manage flows through sustainable drainage systems that discharge to an alternative to the public sewer, it will help to minimise the likelihood of sewers spilling into watercourses and the flooding of homes and businesses.

1.2 Adoption and construction of drainage systems

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.

If the proposal incorporates a SuDS component(s) which interacts with a sewer network that may be offered for adoption by United Utilities we recommend the applicant seeks further advice regarding the SuDS design; detailed information is available on our website.

Our acceptance of any drainage strategy submitted by an applicant to the Local Planning Authority for approval does not infer that a detailed drainage design will meet the requirements for a successful adoption application. **We strongly recommend that no construction commences until the detailed drainage design has been submitted directly to United Utilities, assessed and accepted in writing.** Any work carried out prior to the technical assessment being approved is done entirely at the developer's own risk and could be subject to change.

2.0 UNITED UTILITIES PROPERTY, ASSETS AND INFRASTRUCTURE

2.1 Water pipelines

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

For any works in the vicinity of water pipelines, the applicant must comply with our 'Standard Conditions for Works Adjacent to Pipelines', which can be found on our website: <https://www.unitedutilities.com/builders-developers/your-development/planning/building-over-or-working-near-our-assets/working-near-our-pipes/>.

2.2 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).

2.3 Water and wastewater pipelines and apparatus

A number of providers offer a paid for mapping service, including United Utilities (see 'Section 4. Contacts' (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 'Section 4. Contacts' (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.

3.0 WATER AND WASTEWATER SERVICES; METERING AND CHARGES

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 'Section 4. Contacts' (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. See '*Section 4. Contacts*' (below).

4.0 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 - SewerAdoptions@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.