



Knowsley Council

**REGENERATION AND ECONOMIC DEVELOPMENT
TOWN AND COUNTRY PLANNING ACT 1990**

This application is subject to a Section 106 Agreement and needs to be read in conjunction with that Agreement.

PLANNING PERMISSION

Application No: 21/00857/FUL

Name and address of applicant

Seybourne Estates Ltd
180 Piccadilly
Victoria
W1J 9HF

Name and address of agent

Hale Architecture Limited
22c Leathermarket Street
London
SE1 3HP

Date of Receipt: 10 November 2021

Date Valid: 9 December 2021

Address/Location of Development:

Image Business Park
Acornfield Road
Knowsley Industrial Park
Kirkby
Knowsley
L33 7UF

Description of Development:

**ERECTION OF 1 NO. INDUSTRIAL UNIT (MIXED E(G)(III), B2 & B8 USES) WITH
ANCILLARY OFFICES, CAR PARKING, SERVICE AREA AND SOFT LANDSCAPING**

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 comply with Policy CS19 of the Knowsley Local Plan Core Strategy, adopted January 2016, and the National Planning Policy Framework.

4. A. Risk Assessment

No development shall take place until an assessment of the risks posed by any contamination has been submitted to and approved in writing by the Local Planning Authority. This assessment must be undertaken by a suitably qualified contaminated land practitioner, in accordance with authoritative guidance (CLR 11), and shall assess any contamination on the site, whether or not it originates on the site.

Moreover, it must include (were relevant):

- i. a survey of the extent, scale and nature of contamination;
- ii. an assessment of the potential risks to:
 - human health,
 - property (existing or proposed) including buildings, crops, livestock, pets, woodland and
 - service lines and pipes,
 - adjoining land,
 - groundwaters and surface waters,
 - ecological systems,
 - archaeological sites and ancient monuments.

B. Submission of Remediation Scheme

Where land affected by contamination is found which poses unacceptable risks, no development shall take place until a detailed remediation scheme has been submitted to and approved in writing by the Local Planning Authority. The scheme must include an appraisal of remediation options, identification of the preferred option(s), the proposed remediation objectives and remediation criteria, and a description and programme of the works to be undertaken including the verification plan. As a minimum, the scheme must ensure that the site will not qualify as contaminated land under Part 2A of the Environmental Protection Act 1990 in relation to its intended use.

C. Implementation of Approved Remediation Scheme

The approved remediation scheme shall be implemented and a verification report submitted to and approved in writing by the Local Planning Authority, prior to the development (or relevant phase of development) being brought into use.

D. Reporting of Unexpected Contamination

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 (or relevant phase of development) being brought into use.

E. Materials Management Plan

Prior to the reuse of site won materials ('waste' and non-waste) a Materials Management Plan, signed off by a Qualified Person, shall be submitted to and agreed in writing with the local planning authority. The MMP shall demonstrate that any reuse of contaminated materials does not result in increased risk to the environment or human health.

F. Importation of Soil/Material

No soil 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 Policy ENV5 of the Knowsley Replacement Unitary Development Plan, adopted June 2006.

5. No construction work shall take place outside the hours of 08:00-18:00 hours Monday to Friday, 08:00-13:00 hours Saturday and not at all on Sundays/Public Holidays without the prior written permission of the Local Planning Authority.

Reason: To safeguard the amenities of nearby residents and to comply with Saved Policies S2 and H5 of the Knowsley Replacement Unitary Development Plan, adopted June 2006.

6. Fixed plant and machinery associated with the development shall be designed to a level that is at least 5dB(A) below the existing LA90 background noise level, as measured during the relevant time period. Any tonal, impulsive and/or irregular noise would be addressed by imposing a penalty as per the methodology set out in BS 4142:2014+A1:2019, Methods for Rating and Assessing Industrial and Commercial Sound. Noise limits for fixed plant are to apply at a position 1 metre from the closest affected window of the nearest noise sensitive property.

Reason: To safeguard the amenities of nearby residents and to comply with Saved Policies S2 and H5 of the Knowsley Replacement Unitary Development Plan, adopted June 2006.

7. Prior to commencement of development a Construction Management Plan shall be submitted to and agreed in writing by the Local Planning Authority that details the means of mitigation of construction effects. This shall include but not be limited to the following:
- a. Layout of the site compound including identification of areas for the storage of plant and materials, loading/unloading and turning areas for delivery vehicles
 - b. A scheme for the control of noise
 - c. Management of deliveries including prevention of waiting/layover of construction related traffic on the highway, measures for the control of traffic to and from the site and consideration of any temporary traffic management arrangements which may be necessary during periods of construction. Note reversing on the highway is not permitted without a Banksman.
 - d. Construction staff parking arrangements
 - e. Control of transfer of mud out of the site - details of wheel washing facilities including location and type.
 - f. Methods for dust control and suppression.
 - g. A programme of works including phasing, if applicable.
 - h. Adequate provision for addressing any abnormal wear and tear to the highway, if applicable.

All site works shall then be carried out in accordance with the approved Plan unless otherwise agreed in writing beforehand with the Local Planning Authority

Reason: To ensure the satisfactory development of the site and in the interests of protecting the amenity of neighbouring occupiers and to comply with saved Policies H5, and ENV2 of the Knowsley Replacement Unitary Development Plan, adopted June 2006 and Policy CS2 of the Core Strategy, adopted January 2016.

8. No development shall take place, with the exception of demolition, until a scheme to permanently close off the existing vehicular and/or pedestrian access on to Acornfield Road (circa 150m south of the Main Gate access for Image Business Park) has been submitted to and agreed in writing by the Council as Local Planning Authority. The scheme shall be implemented as agreed before any part of the development has been brought into use.

Reason: In the interests of highway safety and to comply with Policies CS2, CS7 and CS19 of the Knowsley Local Plan Core Strategy, adopted January 2016.

9. The development shall not be brought into use until the areas indicated on Site Plan Drawing 21066 – PL1102 Rev I (Received 1st March) to be set aside for parking, servicing, vehicular manoeuvring, and pedestrians have been surfaced, drained and permanently marked out or demarcated in accordance with the details and specifications shown. These areas shall be retained as such thereafter.

Reason: In the interests of highway and pedestrian safety and to comply with Policy CS7 of the Core Strategy, adopted January 2016.

10. The proposed development shall not be brought into use until precise scheme detail of the proposed cycle storage highlighted on Site Plan Drawing 21066 – PL1102 Rev I have been submitted to and approved in writing by the Council as Local Planning Authority. The scheme shall be implemented as agreed before any part of the development has been brought into use. The cycle stores must be retained for use.

For the avoidance of doubt, long stay cycle parking must be covered and offer a means to secure the cycles.

Reason: To ensure that adequate provision is made for parking cycles and motorcycles on the site and to comply with Policy CS7 of the Core Strategy, adopted January 2016.

11. During the construction phase of the development, Reasonable Avoidance Measures (RAMs) must be implemented to safeguard any amphibians, reptiles or mammalian wildlife (including great crested newts and badgers) that may be present at the site. The RAM's should include the following:

- Existing vegetation on the site will be gradually cut and removed under ecological supervision to encourage any amphibians/reptiles/mammals present to move away from the affected areas;
- The working area, together with any storage areas, will be kept clear of debris, and any stored materials will be kept off the ground on pallets so as to prevent amphibians/reptiles/mammals from seeking shelter or protection within them; and
- Any open excavations (e.g. foundations / footings / service trenches etc) will be covered with plywood sheeting (or similar) at the end of each working day. The edges of these sheets will be covered with a thick layer of topsoil or similar) to prevent amphibians/reptiles/mammals from seeking shelter beneath them. Any excavation must be in-filled and made good to ground level with compacted stone or similar at the earliest opportunity, so as to remove any hazard to amphibians / reptiles.

Reason: To ensure that adequate protection measures are in place for great crested newts and badgers which are a priority species to ensure compliance with Policy CS8 in the Knowsley Local Plan Core Strategy adopted 2016.

12. No tree felling, scrub clearance or hedgerow removal is to take place during the period 1 March to 31 August inclusive. If it is necessary to undertake works during the bird breeding season then all trees, scrub and hedgerows are to be checked first by an appropriately experienced ecologist to ensure no breeding birds are present. If present, details of how they will be protected are required to be submitted for approval. and the works to carried out in accordance with the approved details.

Reason: To mitigate for the loss of bird nesting habitat and to ensure compliance with Policy CS8 in the Knowsley Local Plan Core Strategy adopted 2016

13. Prior to commencement of development a Landscape and Ecological Management Plan (as outlined within the Ecological Impact Assessment) shall be submitted to and agreed in writing by the Local Planning Authority. This shall include but not be limited to the inclusion of bat and bird nesting boxes. The approved details shall be implemented prior to the occupation of the building.

Reason: To mitigate for the loss of bird nesting habitat and to ensure compliance with Policy CS8 in the Knowsley Local Plan Core Strategy adopted 2016.

14. All hard and soft landscape works shall be carried out in accordance with the approved details shown on the approved plans in Schedule 1. The works shall be carried out before any part of the development is occupied or in accordance with a programme to be agreed in writing with the Local Planning Authority prior to any development commencing. Any trees / shrubs which are removed, die, become

severely damaged or diseased within five years of their planting shall be replaced in the next planting season with trees / shrubs of similar size and species to those originally required to be planted and ensuring all tree stakes and ties are removed 3-5 years after planting, so the ties don't strangle the trees.

Reason: To ensure that the site is satisfactorily landscaped having regard to its location and the nature of the proposed development and to comply with, Policies CS2 and CS19 of the Knowsley Local Plan Core Strategy, adopted January 2016, Saved Policy H5 of the Knowsley Replacement Unitary Development Plan, adopted June 2006 and the National Planning Policy Framework.

15. The development hereby permitted shall not be commenced, with the exception of demolition, until a scheme for the provision and implementation of a surface water regulation system to manage the risk of flooding from both overland flow and from the sewer network, has been submitted to and approved in writing by the Local Planning Authority. The scheme shall include hydraulic calculations for a 1 in 30 yr. storm and a 1 in 100yr storm with 30% climate change. The agreed scheme shall be implemented prior to the first occupation of the development. The surface water drainage scheme should be consistent with the Non-Statutory Technical Standards for Sustainable Drainage Systems (March 2015) or any subsequent replacement national standards. Notwithstanding plans submitted with the application, the approved surface water drainage rate remains to be agreed under this condition. 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 ensure a satisfactory form of development and to prevent an undue increase in surface water run off and to reduce the risk of flooding. To ensure a satisfactory drainage system is provided to serve the site in accordance with Paragraph 163 of the National Planning Policy Framework, House of Commons Written Statement 161 for Sustainable Drainage Systems, Non-Statutory Technical Standards for Sustainable Drainage Systems (March 2015) and Policies CS2 and CS24 of the Knowsley Local Plan: Core Strategy (January 2016).

16. 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.

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. To ensure effectiveness of the flood risk measures during the lifetime of the development policies CS2 and CS24 of the Knowsley Local Plan: Core Strategy (January 2016).

17. Prior to the first occupation of the building, full details of the provision of photovoltaics (as contained within the approved Energy Statement document) shall be submitted to and approved by the Local Planning Authority. The approved details shall be implemented prior to the occupation of the building.

Reason: To reduce carbon emissions in accordance with Knowsley Local Plan Core Strategy Policies CS2, CS11 and CS22.

18. Prior to the first occupation of the building, details of Electric Vehicle Charging Points to be provided for that phase shall be submitted to and approved in writing by the Local Planning Authority. The works shall be implemented and made available for use in accordance with the approved details prior to first occupation of the building and thereafter retained in accordance with the approved details.

Reason: In the interests of air quality, promoting sustainable travel opportunities and to comply with Policies CS2, CS7 and CS19 of the Knowsley Local Plan Core Strategy, adopted January 2016.

SCHEDULE 1

Date Received	Ref. No	Version	Drawing/Document Title
10/11/2021	NOVEMBER 2021		DESIGN & ACCESS STATEMENT
10/11/2021	NOVEMBER 2021	2	ENERGY STRATEGY
10/11/2021	2180/EH/AMS001		ARBORICULTURAL METHOD STATEMENT (SEPTEMBER 2021)
10/11/2021	2180/EH/AIA001		ARBORICULTURAL IMPACT ASSESSMENT (SEPTEMBER 2021)
10/11/2021	SEPTEMBER 2021		TRANSPORT STATEMENT
10/11/2021	SEPTEMBER 2021		ECOLOGICAL IMPACT ASSESSMENT
10/11/2021	SEPTEMBER 2021		LANDSCAPE AND ECOLOGICAL MANAGEMENT PLAN
26/05/2022	21066-PL1000	A	SITE LOCATION PLAN
24/06/2022	21066-PL1001	C	EXISTING SITE PLAN
26/05/2022	21066-PL1102	J	PROPOSED SITE PLAN
24/06/2022	21066-PL1103	E	PROPOSED BLOCK PLAN
24/06/2022	21066-PL1105	C	PROPOSED SITE PLAN WASTE MANAGEMENT PLAN
01/03/2022	9879-PTA-XX-XX-DR-C-8320	P02	LEVELS PLAN OVERVIEW
01/03/2022	9879-PTA-XX-XX-DR-C-8321	P02	LEVELS PLAN SHEET 1/2

01/03/2022	9879-PTA-XX-XX-DR-C-8322	P02	LEVELS PLAN SHEET 2/2
10/11/2021	21066-PL114	B	GA SECTIONS
10/11/2021	21066-PL113	B	GA ROOF PLAN
10/11/2022	21066-PL1112	C	GA ELEVATIONS
10/11/2021	21066-PL1111	B	GA GF MAIN ENTRANCE, FF, SF GA PLAN
10/11/2021	21066-PL1110	C	GROUND FLOOR GA PLAN
01/03/2022	21066-PL1106	A	BUILDING 18 EXISTING & PROPOSED
01/03/2022	SP20222244	5.0	TYPICAL FOUNDATION PLINTH FOR 11kV UNIT SUBSTATION WITH 3.0 X 2.45M GRP ENCLOSURE
01/03/2022	21-80-03	A	TREE RETENTION & REMOVAL PLAN
01/03/2022	21-80-04	B	TREE PROTECTION PLAN
01/03/2022	21-80-05	C	LANDSCAPE PROPOSALS
10/11/2021	21-80-03	-	TREE RETENTION & REMOVAL PLAN
10/11/2021	21-80-02	-	TREE CONSTRAINTS PLAN
10/11/2021	21-80-01	-	TREE SURVEY PLAN
01/03/2022	9879-PTA-XX-XX-DR-C-9310	P01	ROOT PROTECTION SYSTEMS

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: -

SAVED POLICIES - KNOWSLEY REPLACEMENT UNITARY DEVELOPMENT PLAN (ADOPTED JUNE 2006)

EC3 - Primarily Industrial Areas
T8 - Transport Assessments
T9 - Travel Plans
DQ4 - Trees and Development
ENV2 - Noise and Vibration
ENV5 - Contaminated Land

KNOWSLEY LOCAL PLAN: CORE STRATEGY

CS1 - Spatial Strategy for Knowsley

CS2 - Development Principles
CS4 - Economy and Employment
CS7 - Transport Networks
CS8 - Green Infrastructure
CS11 - Principal Regeneration Area - Knowsley Industrial and Business Parks
CS19 - Design Quality and Accessibility in New Development
CS21 - Greenspaces and Trees
CS24 - Managing Flood Risk
CS27 - Planning and Paying for New Infrastructure

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 (Jo Sheridan on 0151 443 2376)

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. Please see attached correspondence from Merseyside Fire & Rescue Service
2. Highways S278 Agreement
It is an offence to carry out any works within the public highway without the permission of the Highway Authority. The grant of planning permission will require the developer to enter into an agreement under s278 of the Highways Act 1980 with the Council. The applicant is advised to contact SiteDevelopment@knowsley.gov.uk to discuss the matter further.
3. Bicycle Storage Security
Bicycle storage must be provided to security standard LPS 1175 Issue 8 AR1 / LPS 1175 SR1 set by the Loss Prevention Certification Board (LPCB). Similarly, a 'Sold Secure' standard to certification SS104 or SS314 can be provided



Executive Director - Regeneration and Economic Development

Date: 17th August 2022

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. 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.**

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.
- If you want to appeal against your local planning authority's decision then you must do so within 6 months 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**

Planning & Building Regulations Team
Service Headquarters
Bridle Road
Bootle
Merseyside
L30 4YD

Telephone: 0151 296 4000 (Calls may be recorded)

Inspecting Officer: Linda Kirby

Email: planningandbuildingregulationsteam@merseyfire.gov.uk

Fax: 0151 296 4594 Office Hours

Web Site: www.merseyfire.gov.uk

Your ref: 21/00857/FUL

Our ref: CFP/874602/LK/BOC

Date: 20th January 2022

Dear Sir / Madam

THE TOWN AND COUNTRY PLANNING ACT 1990

PLANNING APPLICATION NO: 21/00857/FUL

PROPOSAL: Erection of Mixed E(g)(iii), B2 and B8 Uses, with Ancillary Offices, Car Parking, Service Area and Soft Landscaping

ADDRESS: Image Business Park, Acornfield Road, Knowsley Industrial Park, Kirkby, Knowsley L33 7UF

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:

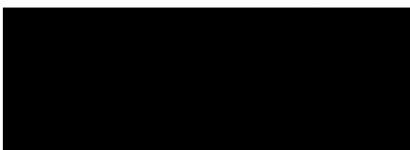
- * Access for fire appliances should comply with the requirements of Approved Document B5 of the Building Regulations.
- * Water supplies for fire-fighting purposes should be risk assessed in accordance with the undermentioned guidance in liaison with the water undertakers (United Utilities - 0161 907 7351) with suitable and sufficient fire hydrants supplied.

Industry

- * The premises should comply with Section 55 of the County of Merseyside Act 1980.

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

Yours faithfully,



Linda Kirby
Authorised Fire Safety Inspecting Officer
And on behalf of Merseyside Fire & Rescue Authority

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.