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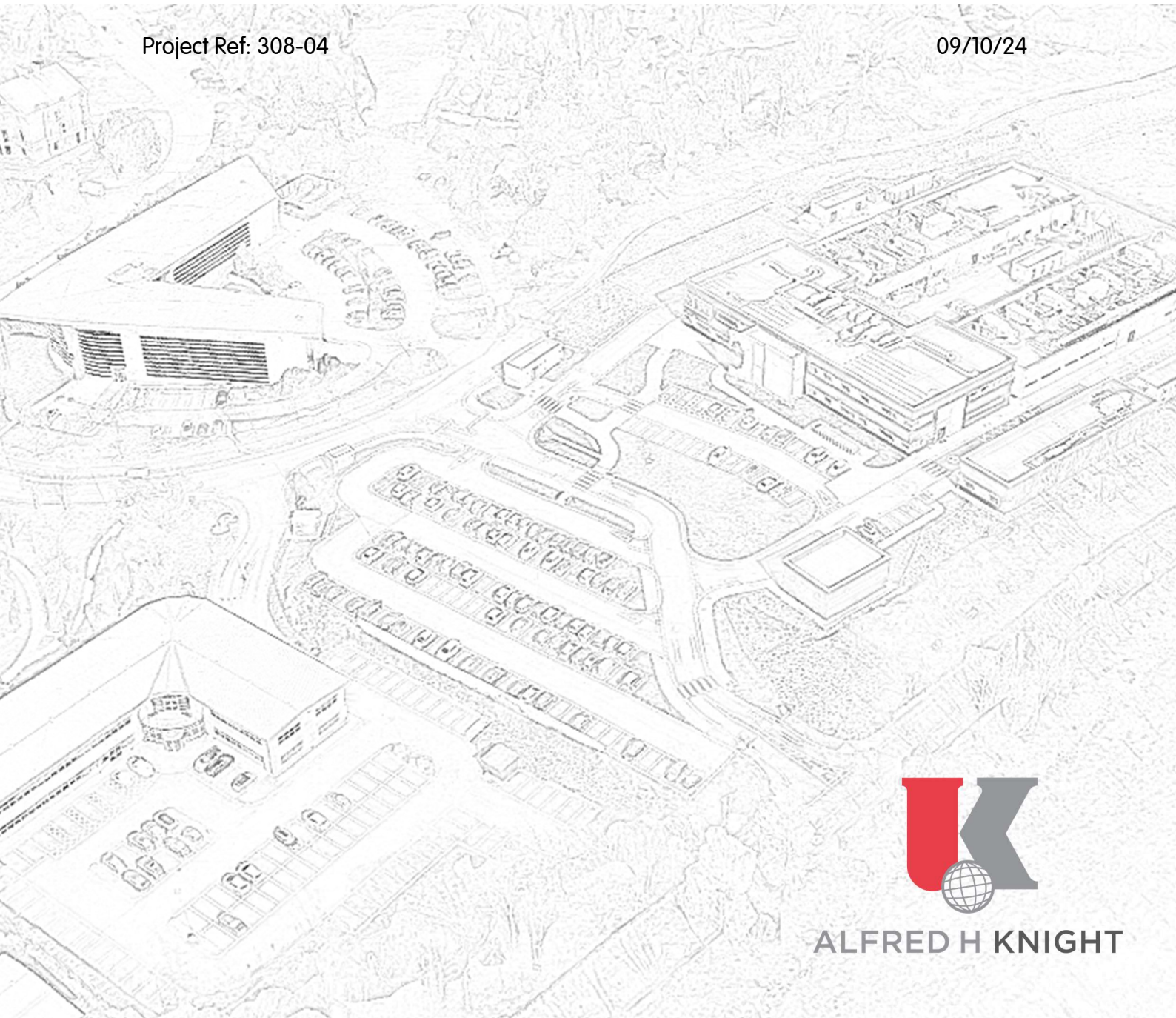
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Project Ref: 308-04

09/10/24



ALFRED H KNIGHT

DESIGN & ACCESS STATEMENT

2No. LABORATORY PROCESS WASTE TREATMENT BUILDINGS

APPLICANT: Alfred H Knight
AHK Group Ltd

ADDRESS: John Knight Laboratory
Kings Business Park
Prescot L34



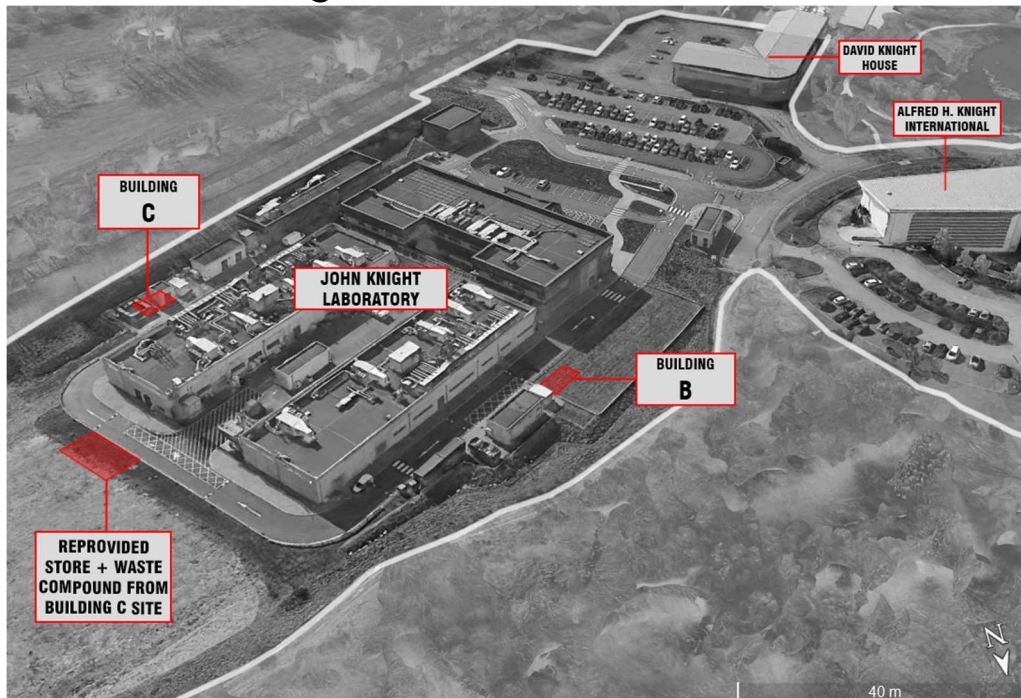
Brief

The Alfred H Knight Group provide services to the global mining, refining industry and commodities market in the sampling and analysis of metalliferous commodities to enable trade. The AHK Group has operations around the world; with its Head Office and main laboratory facilities based at the Kings Business Park, Prescot L34 1PJ. The Laboratory estate also encompasses 3 other satellite Laboratory operations in proximity to the Kings Business Park.

Information to Accompany the Application

Document Reference	Description	Author
AL(E)01	Existing Ground Plan, Building B	MDG
AL(E)02	Existing Ground Plan, Building C	MDG
AL(2)01	Proposed Ground Plan, Building B	MDG
AL(2)02	Proposed Ground Plan, Building C	MDG
AL(2)03	Proposed Elevations & Roof Plan, Building B	MDG
AL(2)04	Proposed Elevations & Roof Plan, Building C	MDG
AL(2)05	Sections, Building B/C	MDG
AL(9)01	Existing Site Plan	MDG
AL(9)02	Proposed Site Plan	MDG
AL(9)03	Location Plan	MDG
AL(9)04	Landscape Plan, Tree Planting	MDG
CRM.958.001.EC.R.001	Ecological Report	Enzygo
CRM.958.001.EC.R.002	Biodiversity Net Gain Calculation	Enzygo
2173R01 Issue 1	Land Contamination Assessment	Terra

Site Surroundings



Note: the shown positions are diagrammatic only. For exact positions, see drawings.

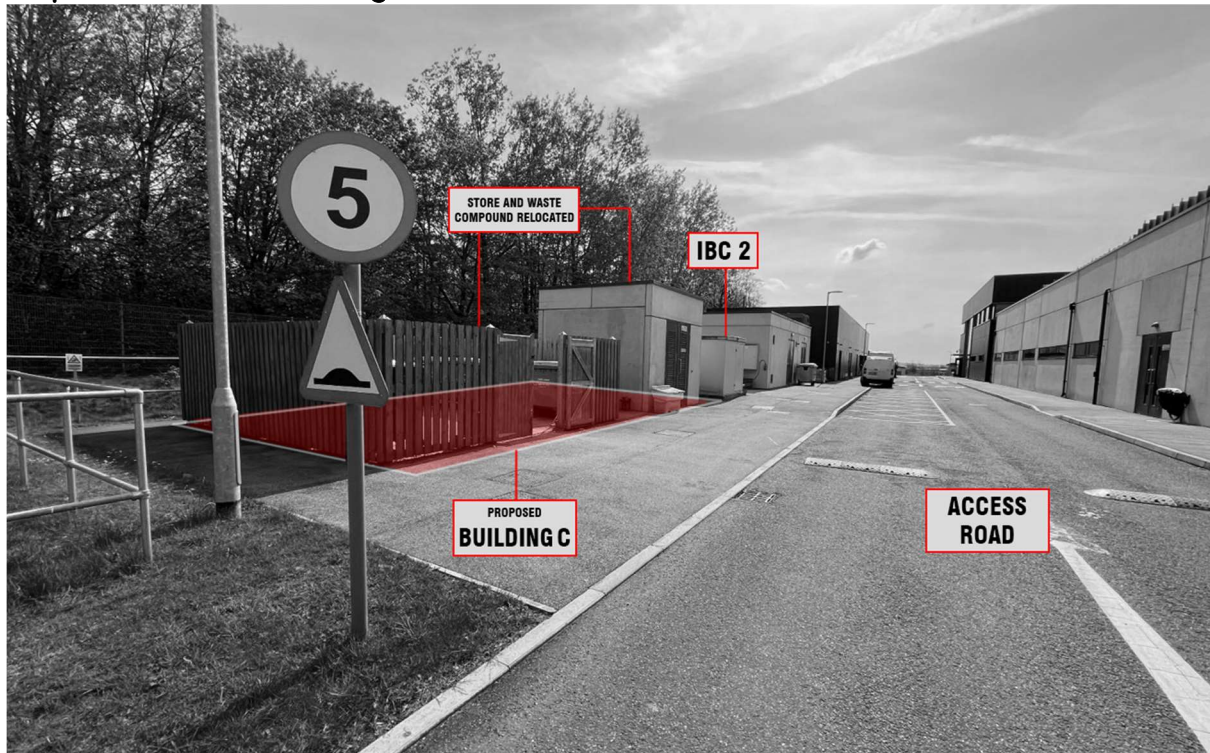


Site Imagery

Proposed Location - Building B



Proposed Location - Building C



Note: the shown positions are diagrammatic only. For exact positions, see drawings.



Proposed Works

The project brief is the construction of two small buildings designated building B and C in this document. These buildings will be used to house equipment to partially treat liquid waste generated by our daily Laboratory processes.

Currently this waste, untreated, is piped into two underground external storage tanks. The waste is then periodically pumped, into tankers, and taken away by road for professional treatment and disposal by licenced specialist treatment providers.

Disposal of this waste is becoming increasingly difficult, with fewer treatment sites available, or willing to accept. This has, on occasion, presented a business operational continuity risk to AHK given the maximum storage capacity of the site, while considering Health & Safety and environmental considerations.

This project will see equipment installed in two newly created buildings B and C that will facilitate the partial treatment of liquid waste, including pH correction. This will significantly improve the wastes composition; rendering it easier for treatment works to accept, treat and dispose.

AHK are currently in discussions with the Environment Agency regarding permitting.

To facilitate the two new buildings B and C it will be necessary to relocate the Store and Waste compound located close to building C.

