



DRAINAGE TECHINCAL NOTE

Revised Access Arrangement Moorgate Road North Kirkby Liverpool

Reference	6673-JPG-XX-XX-RP-D-0600-S2-P03
Date	15 April 2026
Author	RMR

5 John Charles Way
LEEDS
LS12 6QA

Tel: 0113 263 1155
admin@jpg.group
www.jpg.group





CONTENTS

1.0	Introduction	1
1.1	Background	1
1.2	Site Location and Development Proposals	1
1.3	Report Structure	2
2.0	Flood Risk	2
3.0	Existing Drainage and Sewer Network	4
4.0	Foul Water Drainage Strategy Proposals	5
5.0	Surface Water Drainage Strategy Proposals	5

APPENDICES

Appendix A Environmental Agency Flood Zone Mapping

Appendix B Access Road, Drainage Strategy



DOCUMENT HISTORY

Revision	Date	Revision Details	Status	Author(s)	Approved
P01	15.03.2026	First Issue	Preliminary	RMR	RMR
P02	22.04.2026	Second Issue	Preliminary	RMR	RMR
P03	30.04.2026	Third Issue	Preliminary	RMR	RMR



1.0 INTRODUCTION

1.1 Background

JPG (Leeds) Limited (JPG) has been appointed by Commercial Development Projects Limited (CDP) to prepare a Transport Statement (TS) to accompany an outline planning application for amendments to the existing Saputo Factory access from Moorgate Road North, Kirkby, Liverpool.

The site is located within the jurisdiction of Knowsley Council as Local Planning and Highway Authority.

1.2 Site Location and Development Proposals

The site is located the east of A5207 Moorgate Road North, Kirkby, Liverpool, approximately 2.0 kilometres to the southeast of the town of Kirkby. Figure 1.2 below illustrates the site location.

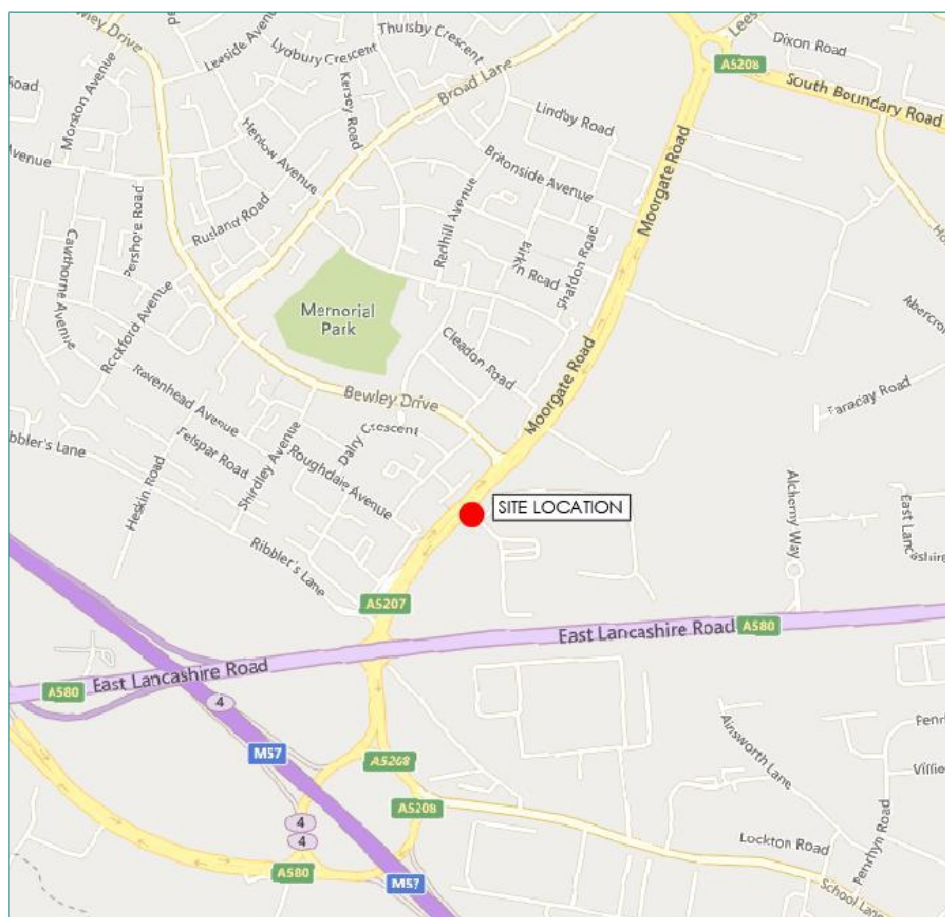


Figure 1.2 – Site Location

The development proposals seek to reconfigure the existing Saputo factory entrance to provide a link road into the land directly to the south and southeast of the existing Saputo factory. The land is allocated for employment land use within the 2016 Knowsley Local Plan.



The proposals will provide a new priority junction in place of the existing factory access on Moorgate Road North. The HGV factory access will be relocated to the southeast of its current location. A secondary access into the factory will also be provided for cars only.

1.3 Report Structure

This Technical Note has been prepared to provide an overview on the flood risk and the proposed drainage strategy.

2.0 FLOOD RISK

The development has been prepared in accordance with the requirements of the Planning Practice Guidance & National Planning Policy Framework (NPPF) which states that a site specific flood risk assessment should be carried out by (or on behalf of) the developer or those proposing development.

Publicly available information on flooding obtained from the Environmental Agency Flood Maps for Planning website database is provided in Figure 1 below.

Extract also included in Appendix A.

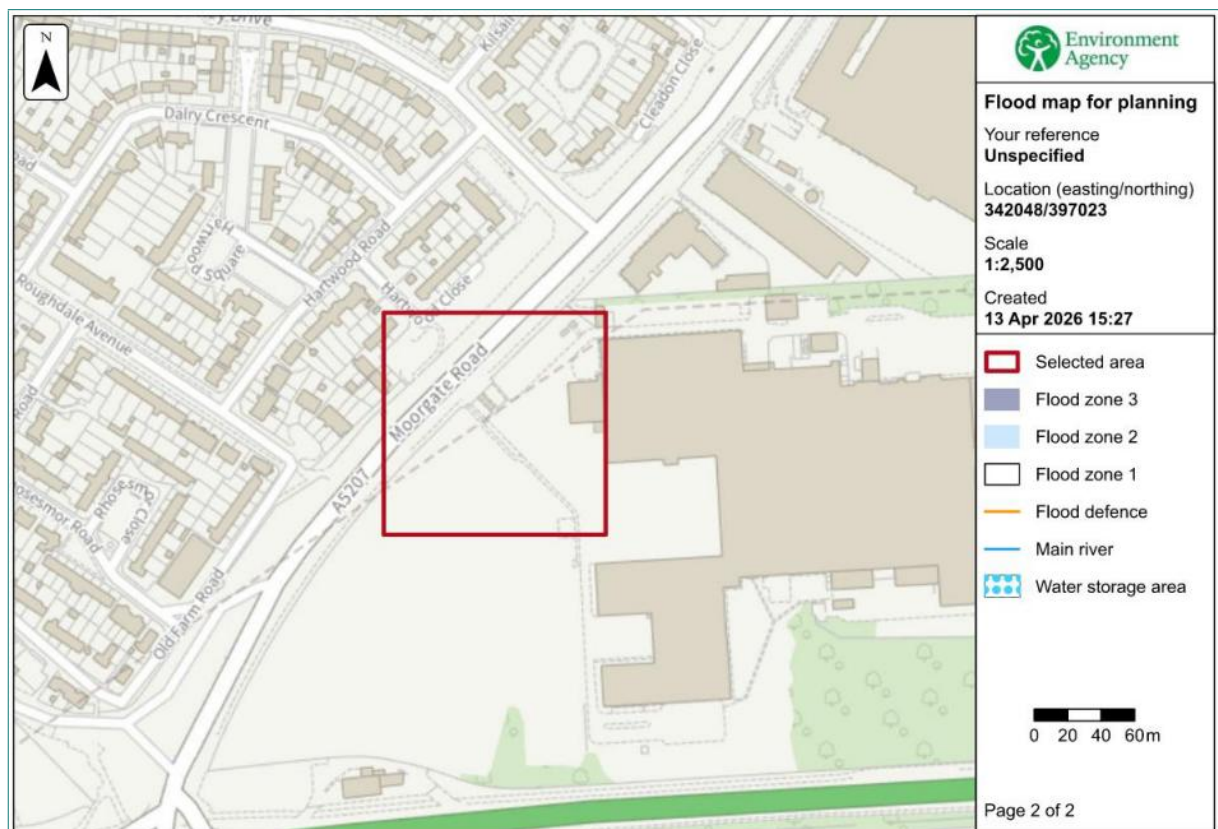


Figure 1 – Flood Maps for Planning/Check your Flood Risk on a Map
(Flood Risk Assessment Map).



The site is indicated to fall within Flood Zone 1 which comprises land assessed as having a low risk of flooding from watercourse and/or sea with less than a 1:1000-annual probability of river or sea flooding.

The NPPF defines flood zones as follows:

- Zone 1 – Low Probability – Land having less than 1 in 1000-annual probability (< 0.1%) of river or sea flooding in any year.
- Zone 2 – Medium Probability – Land having between a 1 in 100 and 1 in 1000-annual probability (1% - 0.1%) of river flooding or land having between a 1 in 200 and 1 in 1000-annual probability of sea flooding (0.5% - 0.1%) in any year.
- Zone 3a – High Probability – Land having a 1 in 100 or greater annual probability (> 1%) of river flooding or land having a 1 in 200 or greater annual probability of flooding from the sea (>0.5%) in any year.
- Zone 3b – The Functional Floodplain – This zone comprises land where water from rivers or the sea has to flow or be stored in times of flood. The identification of functional floodplain should take account of local circumstances and not be defined solely on rigid probability parameters. Functional floodplain will normally comprise:
 - Land having a 1 in 30 or greater annual probability of flooding (3.3%), with any existing flood risk management infrastructure operating effectively; or
 - Land that is designed to flood (such as a flood attenuation scheme), even if it would only flood in more extreme events (such as 1 in 1000 (0.1%) annual probability of flooding).

The local planning authorities should identify in their Strategic Flood Risk Assessments areas of functional floodplain and its boundaries accordingly, in agreement with the NPPF. (Note Zone 3b is not separately distinguished from Zone 3a on the Flood Map).

A site-specific flood risk assessment should be provided for all development in Flood Zones 2 and 3. In Flood Zone 1, an assessment should accompany all proposals involving: sites of 1 hectare or more; land which has been identified by the Environment Agency as having critical drainage problems; land identified in a strategic flood risk assessment as being at increased flood risk in future; or land that may be subject to other sources of flooding, where its development would introduce a more vulnerable use.



A GPRS survey has been undertaken on the site which details the foul from the gate house currently discharges to the foul sewer in Moorgate Road. GPRS survey provided in Figure 3 below.



Figure 3 – GPRS Survey of Site Access

4.0 FOUL WATER DRAINAGE STRATEGY PROPOSALS

It is proposed to discharge the foul drainage for the development relocated gate house into the public combined sewer in Moorgate Road and utilises the existing connection.

5.0 SURFACE WATER DRAINAGE STRATEGY PROPOSALS

It is proposed to discharge the developments highway surface water to the public surface water sewer in Moorgate Road.

The re-configured private access to Saputo and the gate house will discharge its surface water runoff internally into the developments plot drainage.

A plan detailed the drainage arrangement strategy is included in Appendix B.



Appendix A Environmental Agency Flood Zone Mapping

Flood map for planning

Your reference
Unspecified

Location (easting/northing)
342048/397023

Created
13 April 2026 15:27

Your selected location is in flood zone 1, an area with a low probability of flooding.

You will need to do a flood risk assessment if your site is **any of the following**:

- bigger than 1 hectare (ha)
- in an area with critical drainage problems as notified by the Environment Agency
- identified as being at increased flood risk in future by the local authority's strategic flood risk assessment
- at risk from other sources of flooding (such as surface water or reservoirs) and its development would increase the vulnerability of its use (such as constructing an office on an undeveloped site or converting a shop to a dwelling)

Notes

The flood map for planning shows river and sea flooding data only. It doesn't include other sources of flooding. It is for use in development planning and flood risk assessments.

This information relates to the selected location and is not specific to any property within it. The map is updated regularly and is correct at the time of printing.

Flood risk data is covered by the Open Government Licence which sets out the terms and conditions for using government data. <https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3>

Use of the address and mapping data is subject to Ordnance Survey public viewing terms under Crown copyright and database rights 2026 AC0000807064. <https://flood-map-for-planning.service.gov.uk/os-terms>



Flood map for planning

Your reference

Unspecified

Location (easting/northing)
342048/397023

Scale
1:2,500

Created
13 Apr 2026 15:27

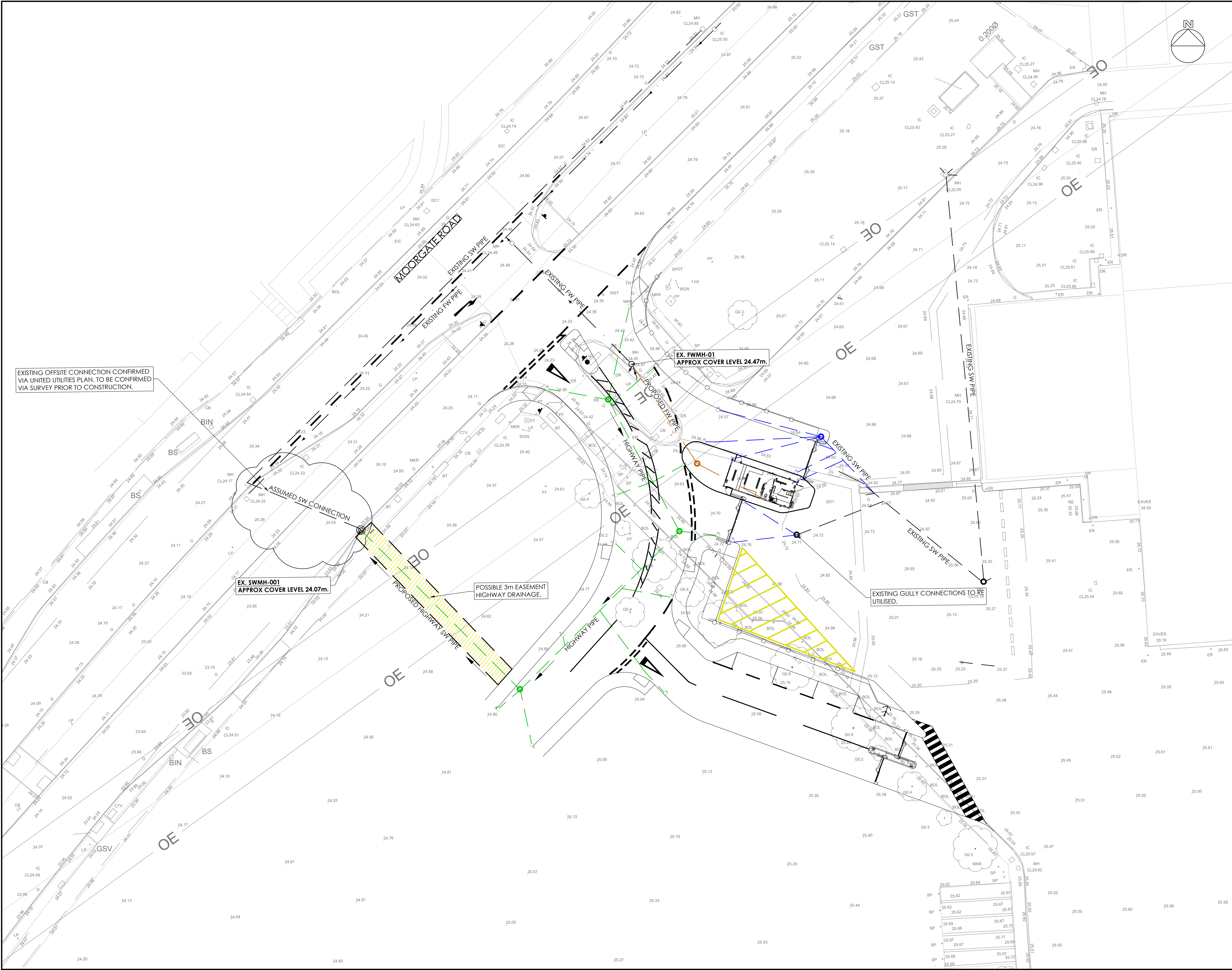
-  Selected area
-  Flood zone 3
-  Flood zone 2
-  Flood zone 1
-  Flood defence
-  Main river
-  Water storage area



0 20 40 60m



Appendix B Access Road, Drainage Strategy



DRAINAGE STRATEGY
SCALE 1:250

THIS DRAWING IS THE PROPERTY OF JPG (LEEDS) LIMITED
REGISTERED IN ENGLAND No 4274608. COPYRIGHT RESERVED

DO NOT SCALE (A1)

NOTES

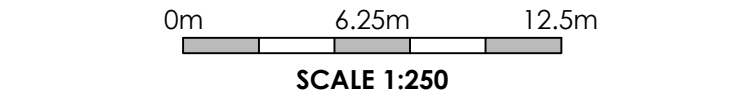
GENERAL NOTES

- ALL MATERIALS AND WORKMANSHIP IS TO COMPLY WITH JPG CONSULTANTS STANDARD SPECIFICATION & ALL RELEVANT BRITISH & EUROPEAN STANDARDS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, M & E CONSULTANTS AND JPG CONSULTANTS DRAWINGS.
- ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO COMMENCEMENT OF WORKS.

LEGEND

- PROPOSED SURFACE WATER PIPE
- PROPOSED FOUL WATER PIPE
- PROPOSED HIGHWAY SURFACE WATER PIPE
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED FOUL WATER MANHOLE
- PROPOSED HIGHWAY SURFACE WATER MANHOLE
- EXISTING SURFACE WATER PIPE
- EXISTING FOUL WATER PIPE
- ASSUMED SURFACE WATER CONNECTION
- PROPOSED ROAD GULLY
- PROPOSED HIGHWAY ROAD GULLY
- WASTE POINT CONNECTION
- RAIN WATER PIPE

WARNING! LIVE SERVICES



P03	UPDATED LAYOUT	29.04.26	AB	EY
P02	UPDATED TO SUIT MOST RECENT SITE LAYOUT	21.04.26	AB	EY
P01	INITIAL ISSUE	14/04/26	RMR	EY
REV	DESCRIPTION	DATE	CHK	BY

Project
MOORGATE ROAD,
KIRKBY,
LIVERPOOL

Drawing Title
DRAINAGE STRATEGY PLAN

INFORMATION

JPG
www.jpg.group
E admin@jpg.group | T +44 (0)113 263 1155

5 John Charles Way
LEEDS
LS12 6QA

Tel: 0113 263 1155
admin@jpg.group
www.jpg.group

