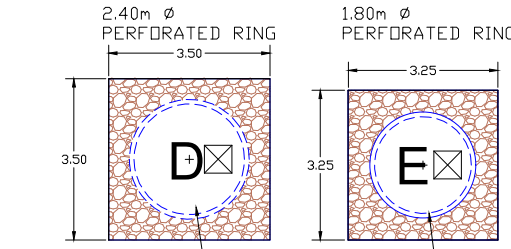
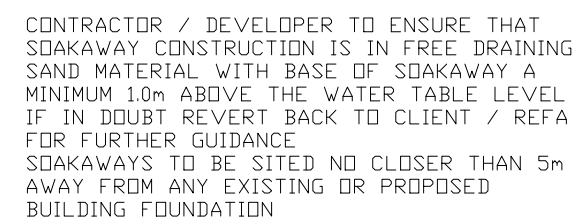
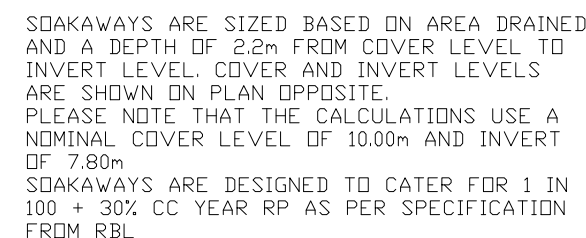
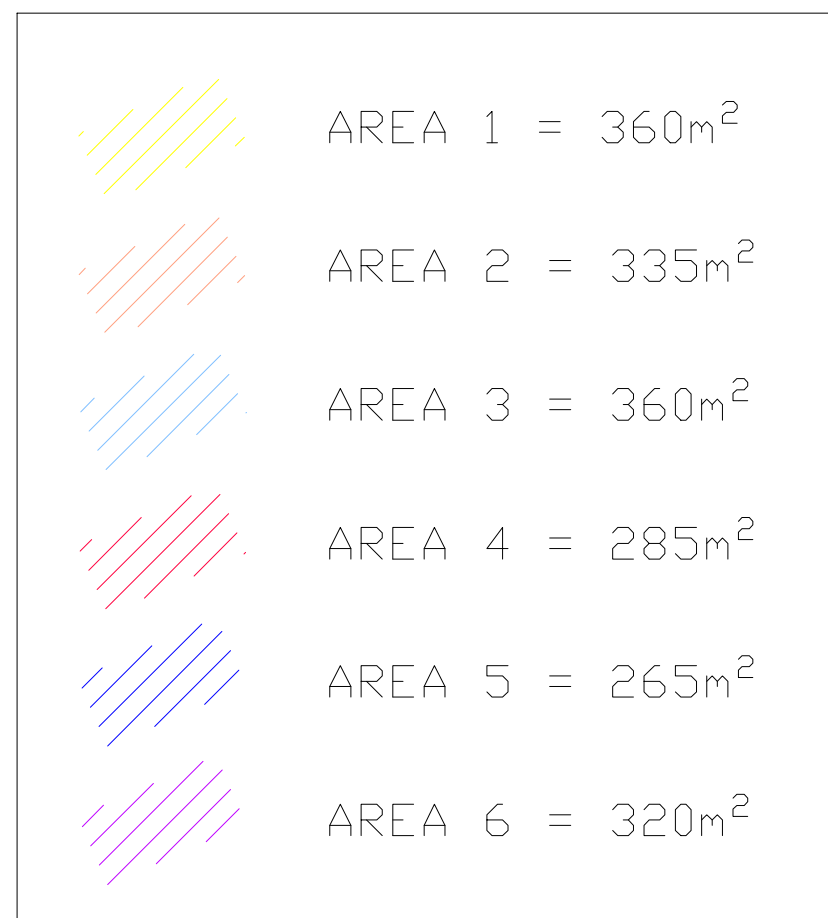
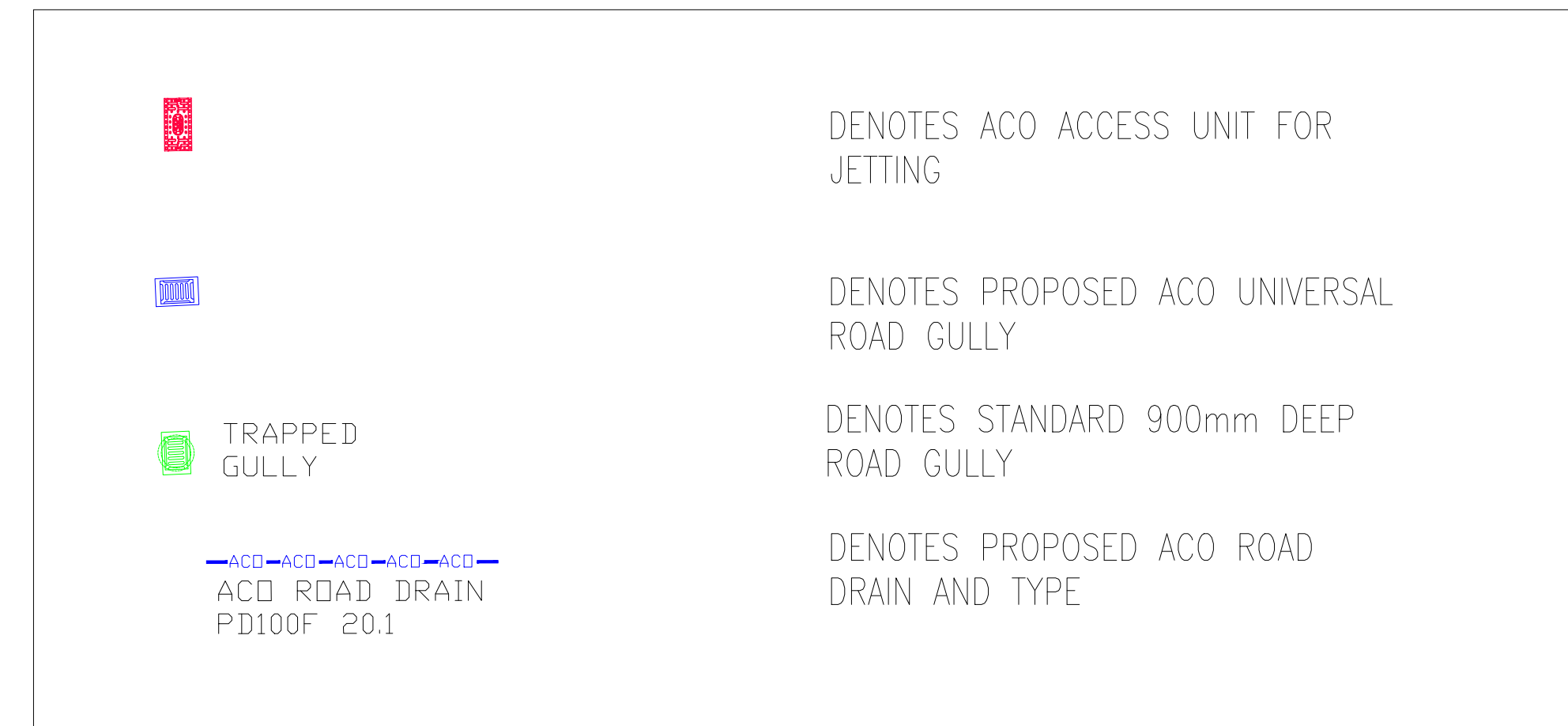


**PLEASE NOTE DESIGN BASED ON INFORMATION PROVIDED IN
'FLOOD CONSEQUENCE ASSESSMENT & DRAINAGE STRATEGY'
COMPLETED BY WATERCO LTD.**

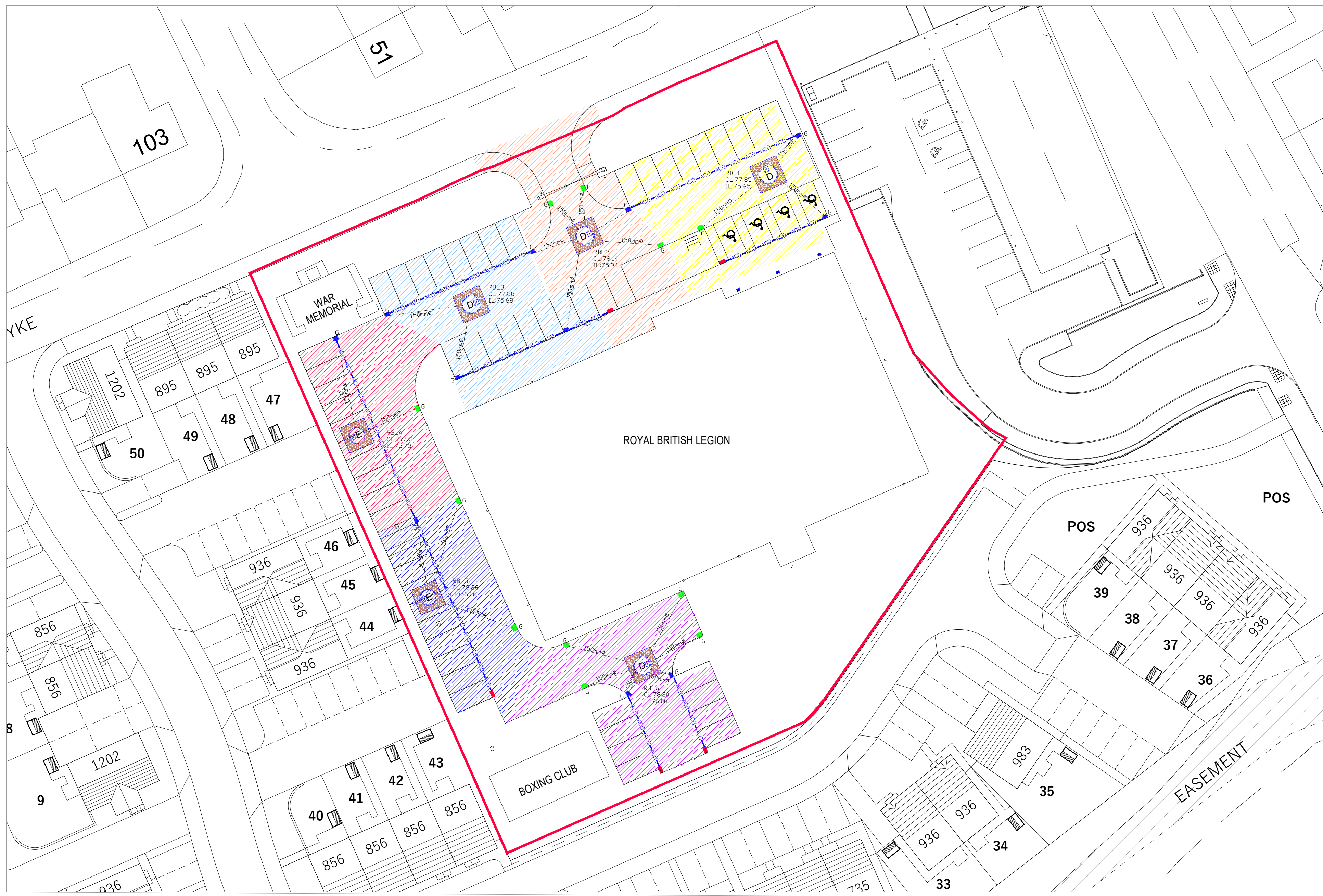
1. EXISTING MAINS SERVICES AND OTHER APPARATUS

SOAKAWAYS HAVE BEEN DESIGNED TO CATER FOR A 1 in 100yr + 30% CC STORM EVENT



SOAKAWAY SIZING BASED ON THE FOLLOWING INFILTRATION RATES DERIVED FROM 'BRE 365 SOAKAWAY ASSESSMENT REPORT SEPTEMBER 2023' BY E3P AS FOLLOWS :-

SIDES OF SOAKAWAYS - 0.256m/HOUR
BASE OF SOAKAWAYS - 0.000m/HOUR



THIS DRAWING IS BASED ON PLANNING
LAYOUT PROVIDED BY CLIENT
DRAWING NUMBER:- WDL-SAL-00-ZZ-DR-A-0600
REVISION:- P3
CLIENT TO ENSURE THE ABOVE LAYOUT IS CURRENT BEFORE
USING THIS DRAWING FOR CONSTRUCTION PURPOSES

GENERAL

1. All adoptable sewers and associated works are to comply fully with 'Sewers for Adoption' 7th Edition dated August 2012.
2. All highway works to be to adoptable standards and to comply fully with the Local Authority specification.
3. All private drainage works are to comply fully with part II of the Building Regulations.
4. All existing invert levels to be checked by the Contractor at the start of works and any discrepancies notified to REFA.
5. All levels are based on topographical survey information provided by others.
6. All materials to bear the relevant BS/Kitemark and comply with the following:
 - a) All concrete & concrete products must use Sulphate resistant cement (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur)
 - b) All opening notices etc. as required under highways acts etc. are to be obtained prior to commencement of works
 - c) All works are to be inspected by LA, NHBC or Relevant Water Authority as applicable.

C.D.M. REGULATIONS 2015

In line with the above regulations we are obliged to inform the Client of their responsibilities under section CDM 15/1, and residual risks that may be encountered in the construction of these works. All design work has been carried out with Health and Safety aspects given full consideration. Wherever possible risks have been eliminated from the design, however due to the very nature of this type of work it is not possible to remove all the risks from the design.

We would also respectfully remind the Client of his obligations to take all reasonable steps in ensuring that only competent Contractors who have a valid safety policy are employed.

They should also provide satisfactory responses at tender stage as to the manner in which they will deal with the elements of risk involved in this type of work and in particular those highlighted by REFA below:—

1. Support / treatment for ALL excavation work.
2. Guarding to edges of excavations to prevent people, materials or vehicles falling into excavation.
3. Guarding of excavations outside working hours to prevent unauthorised access.
4. Undermining to adjacent roads or structures.
5. Confined space operations.
6. Dealing with existing services.
7. Traffic management on existing highways.
8. Procedure to be followed in event of accident or emergency.
9. Method of working where contaminated ground is present on site.
10. Confirmation will be required that all operatives are adequately trained, copies of relevant training certificates to be supplied.

The above list is by no means exhaustive but it does highlight operations that present a risk to contractors and the general public. For clarification on any item please contact REFA.

B	REVISED FOLLOWING CLIENT COMMENTS	AS	#56048
A	RED EDGE BOUNDARY ADDED	RF	841123
rev	Revision details	RevBy	Date

smas **worksafe** **designer** **SSIP** **SAFETY**
www.smasltd.com **SCHEMES IN**
PROCUREMENT

Drawing Stage		Drawing Status	
	Draft		Tender
●	Issued	●	Construction
		Approval	As Built

Client	
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**SG ESTATES
LIMITED**

Job title

**ROYAL BRITISH LEGION
WATTS DYKE RD**

Drawing title

SURFACE WATER DRAINAGE DESIGN

REFA

45 Bridgeman Terrace
Wigan, Lancs
WN1 1TT
Tel: -(01942) 826020
Fax: -(01942) 230875

CONSULTING ENGINEERS

CIVIL • STRUCTURAL

GEOTECHNICAL • ENVIRONMENTAL

Date 03.11.23	Scale 1/500	Drawn AS
DRAWING No	20072/107/1	Rev B

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