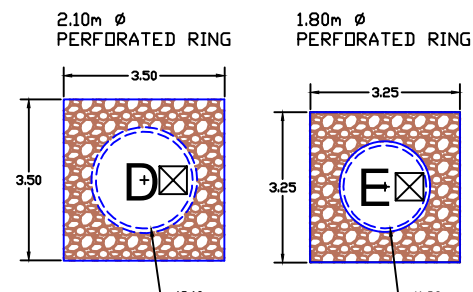
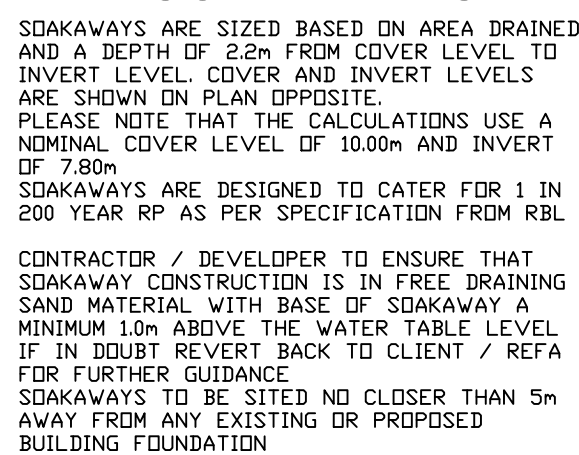
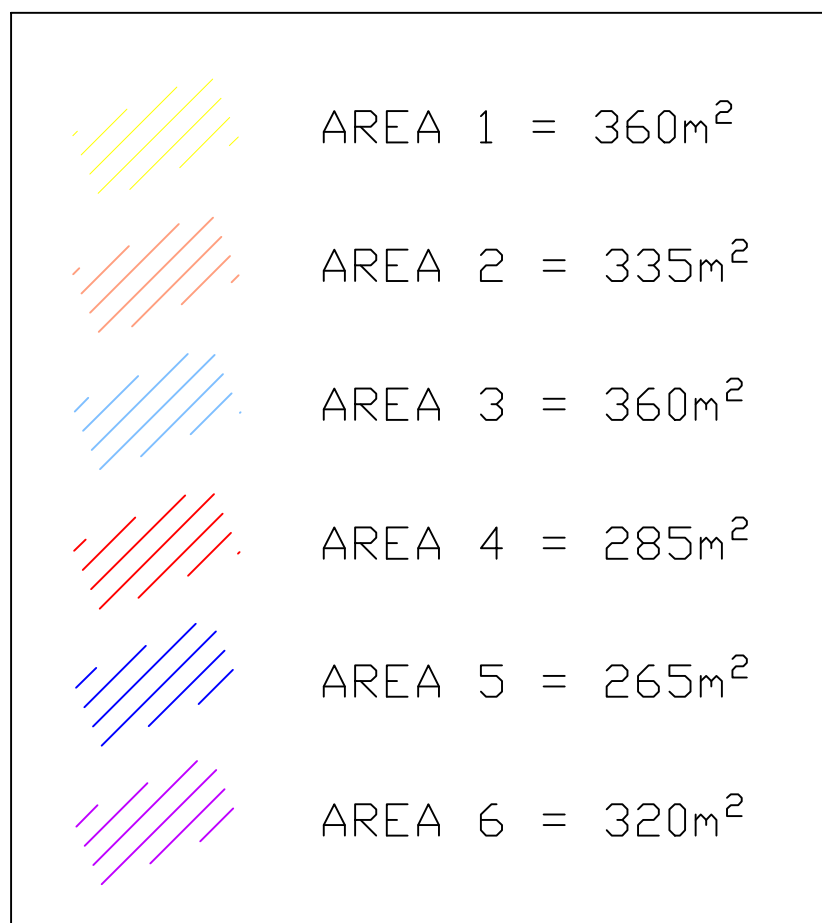
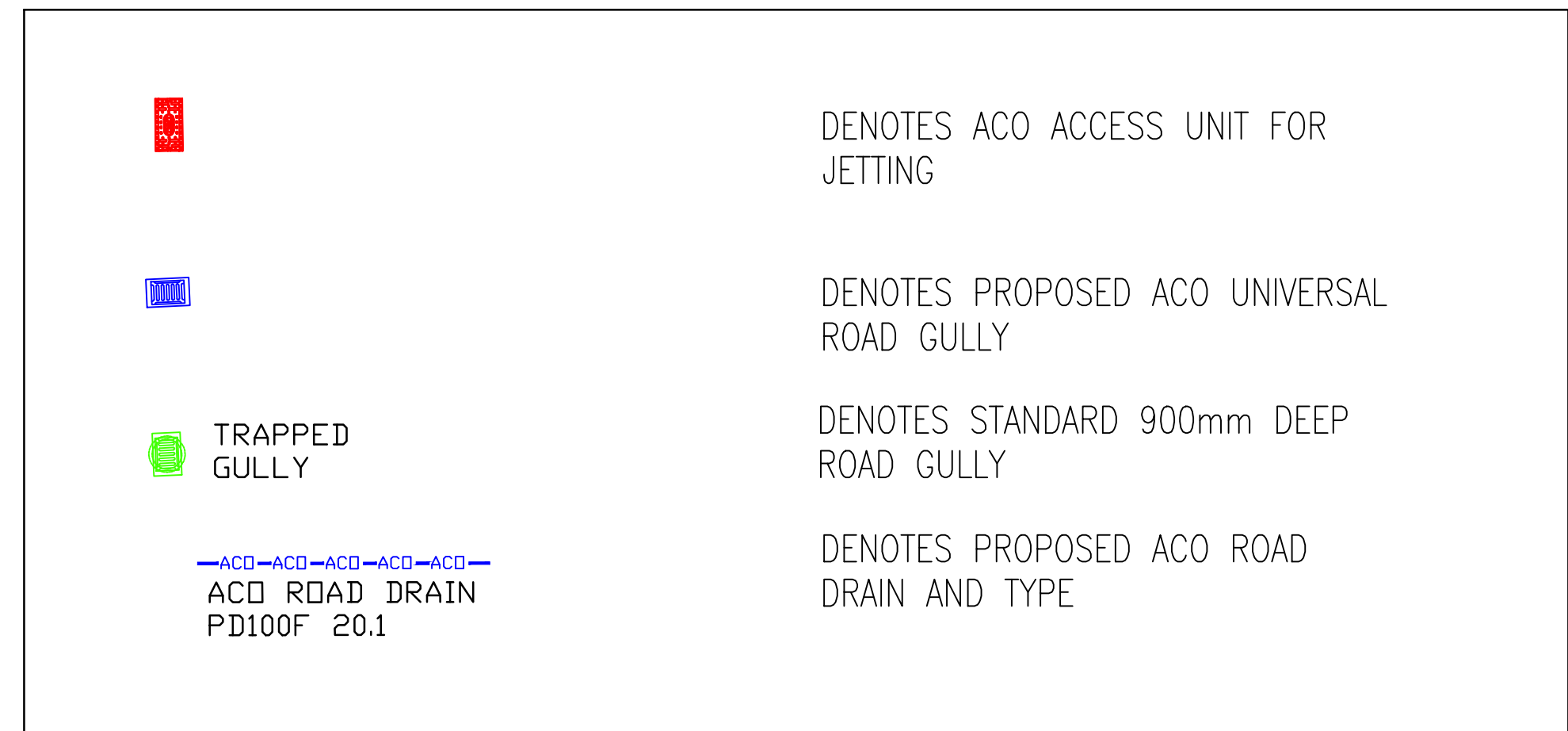


**PLEASE NOTE DESIGN BASED ON INFORMATION PROVIDED IN
'FLOOD CONSEQUENCE ASSESSMENT & DRAINAGE STRATEGY'
COMPLETED BY WATERCO LTD.**

1. EXISTING MAINS SERVICES AND OTHER APPARATUS

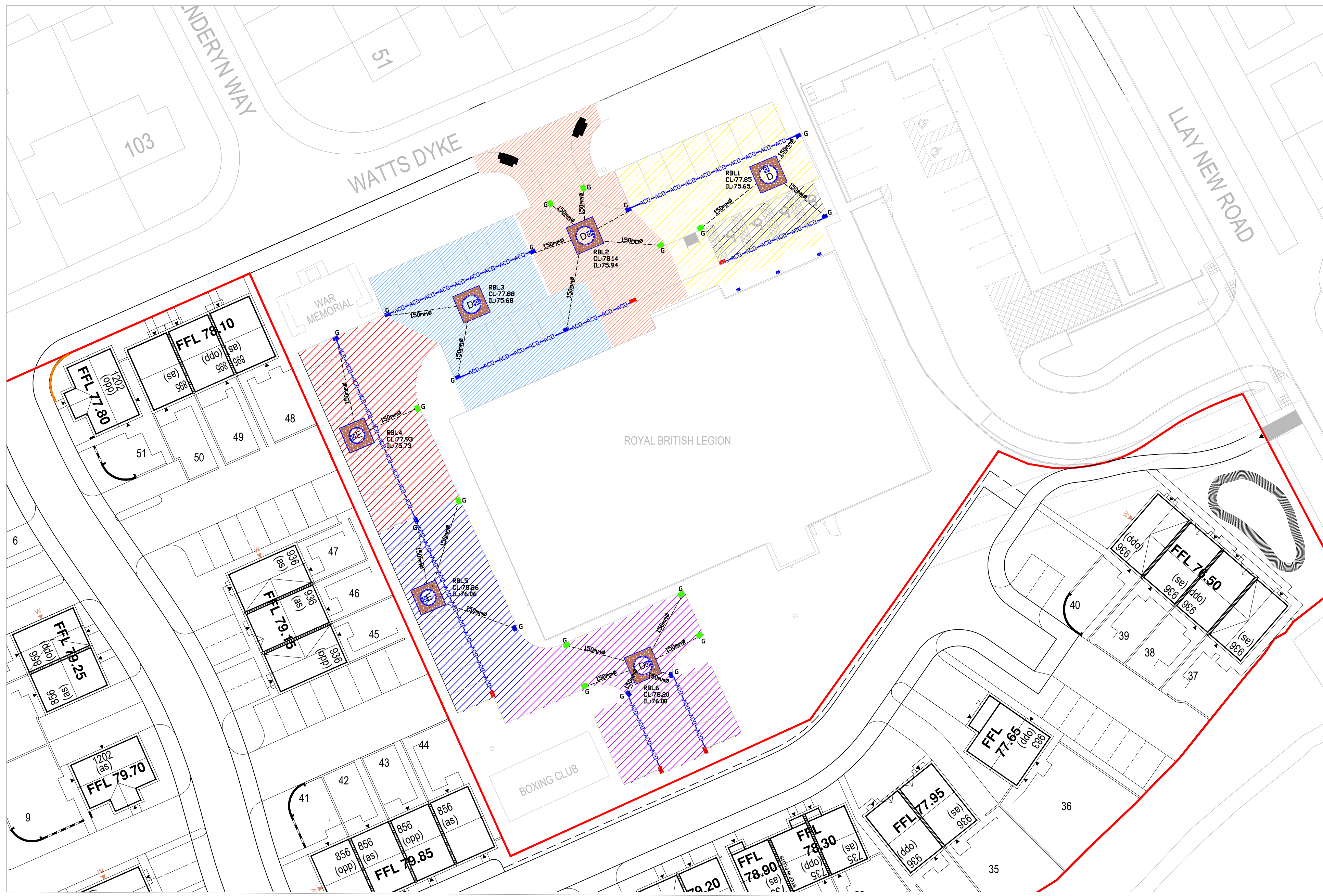
SOAKAWAYS HAVE BEEN DESIGNED TO CATER FOR A 1 in 200yr STORM EVENT



SOAKAWAY SIZING BASED ON THE FOLLOWING
INFILTRATION RATES DERIVED FROM
'BRE 365 SOAKAWAY ASSESSMENT REPORT
DECEMBER 2020' BY E3P AS FOLLOWS :-

SIDES OF SOAKAWAYS - 0.322m/HOUR
BASE OF SOAKAWAYS - 0.000m/HOUR

THIS DRAWING IS BASED ON PLANNING
LAYOUT PROVIDED BY CLIENT
DRAWING NUMBER:- WJ/RBL/PSL/01
REVISION:- P11 (05.07.21)
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 are to be to adoptable standards and to comply fully with Local Authority specification.
3. All private drainage works are to comply fully with Part H 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.
All levels are based on topographical survey information provided to the Contractor.
5. All materials to bear the relevant B.S./Kitemark and comply fully with the specification.
6. 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)
7. All opening notices etc. as required under highways acts etc. are to be obtained prior to commencement of any works.
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 and 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

F	REVISED TO LATEST PLANNING LAYOUT REV P10 06/07/2021	MA	05.07.21	
E	REVISED TO LATEST PLANNING LAYOUT REV P9	MA	08.07.21	
D	SUKKAVAYS REVISED AS DISCUSSED WITH CLIENT	GWH	5.5.21	
C	REVISED TO LATEST LAYOUT REV P9	AS	07.04.21	
B	COVER LEVELS ADDED F.W RUN TO FG ADDED	FT	17.08.21	
A	GULLY & ACO REVISION DRAINAGE AREAS ADDED	FT	15.08.21	
rev	Revision details	Rev.By	Date	

	worksafe designer www.smasitd.com		ASSOCIATION OF SSIP SAFETY SCHEMES IN CONSTRUCTION
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Drawing Stage	Comments	Drawing Status
☒ Draft ☒ Issued	☒ Information ☐ Approval	☐ Tender ☐ Construction ☐ As Built

Client

WATKIN JONES
GROUP

Job title

ROYAL BRITISH LEGION
WATTS DYKE RD

Drawing title

SURFACE WATER
DRAINAGE DESIGN



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 GEOTECHNICAL • ENVIRONMENTAL

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Date	Scale	Drawn
05.01.21	1/500	FT

Drawing No	20072/09/1	Rev F
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