



**DRAINAGE NOTES**

- S1**
- REUSE – SURFACE WATER RUN-OFF TO BE COLLECTED WITHIN THE RAIN GARDENS AND REUSED BY THE HYDRATION OF PLANTING.
  - INFILTRATION – INFILTRATION TESTING WAS UNDERTAKEN IN THE PROPOSED LOCATION OF THE INFILTRATION TANK. 3NO. TESTS WERE CARRIED OUT IN ACCORDANCE WITH BRE 365 WHICH RESULTED IN A PROPOSED DESIGN RATE OF  $1.2 \times 10^{-5}$
  - WATER BODY – NORTH OF THE DEVELOPMENT SITE, HOWEVER A CONNECTION IS NOT REQUIRED FOR THIS SCHEME.
  - SURFACE WATER SEWER – NOT REQUIRED
  - COMBINED SEWER – NOT REQUIRED
- S2**
- FIRST 5MM WILL BE CATERED FOR IN THE INITIAL ABSORPTION OF RAIN GARDENS.
  - GIVEN SITE LEVELS, SHOULD THE INFILTRATION STRUCTURE FAIL EXCEEDANCE IS TO BE DIRECTED TOWARDS THE NORTH EAST OF THE DEVELOPMENT SITE.
  - THE SYSTEM WILL BE DESIGNED TO DISCHARGE FOR 1 IN 100YR + 40 STORM EVENT.
- S3**
- WATER QUALITY WILL BE ACHIEVED VIA THE RAIN GARDENS AND INFILTRATION TANK.
- S4**
- RAIN GARDENS WILL FORM AN IMPORTANT PART OF THE LANDSCAPE DESIGN. PLEASE REFER TO LANDSCAPE ARCHITECTS PROPOSALS AND GREEN INFRASTRUCTURE STATEMENT.
- S5**
- THE RAIN GARDEN AREA WILL BE PLANTED WITH NATIVE PLANT SPECIES TO PROVIDE DENSE AND DURABLE COVER OF VEGETATION THAT CREATES APPROPRIATE HABITAT FOR INDIGENOUS SPECIES. PLEASE REFER TO LANDSCAPE ARCHITECTS DESIGNS.
- S6**
- ALL SUDS FEATURES ARE TO REMAIN PRIVATE.

**GENERAL NOTES**

1. DO NOT SCALE THIS DRAWING.
2. CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ENGINEER.
3. ANY DISCREPANCY TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
4. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.

**KEY**

- — — PROPOSED STORM WATER SYSTEM
- — — PROPOSED STORM WATER SYSTEM PERFORATED PIPE
- RAIN GARDEN OVERFLOW
- INFILTRATION TANK

Rev.	Detail	By	Date
Revisions			

Reinforcement schedules nos.



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Drawing Title  
**PROPOSED DRAINAGE  
STRATEGY**

**INFORMATION**

Project No. <b>C2198</b>		Drawing No. <b>C-SK02</b>	
Scales 1:500	Date 02.09.24	Revision —	
Drawn EP	Checked DF	Sheet Size A3	

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