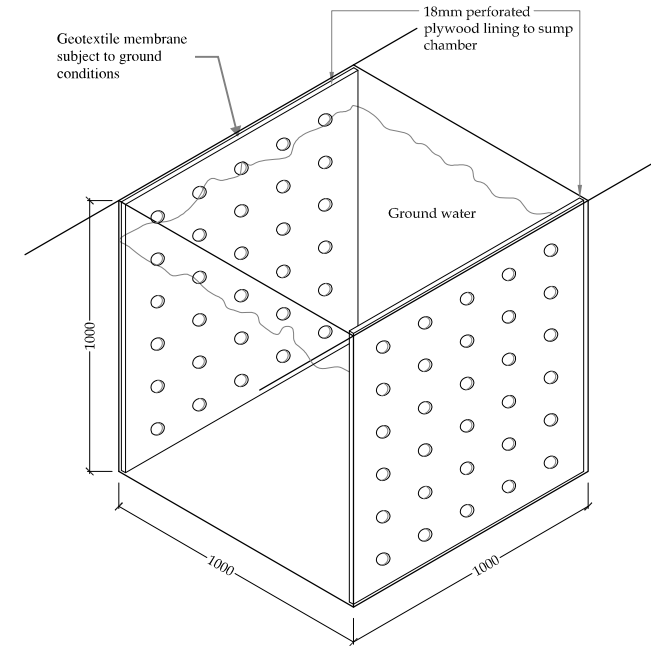


TYPICAL SUMP CHAMBER SECTION



TYPICAL SUMP CHAMBER ISOMETRIC VIEW

LOCALISED DEWATERING: Risk Assessment:

1. Risk Description: Settlement due to pumping fines. Pumping of fines can lead to ground loss and damage to neighbouring foundations.

Risk Level: Low

Control Measure: Avoid use of open sumps. Sumps should be well-engineered including filter pack. Dewatering sumps are specified with correct filter pack grading and slot width size to prevent pumping of fines. Monitor discharge using Imhoff cones and visual inspection of tanks.

**PRELIMINARY TO ASSIST
BASEMENT IMPACT
ASSESSMENT**

| | | | |
|--|--------------|-------------|--------------|
| P1_29.08.21 Issued Preliminary | | HK | AP |
| Rev | Date | Assessment | By / Check |
| APPROVAL | | | |
| AXIOM STRUCTURES | | | |
| +44 (0)20 3637 2751 office@axiom-structures.co.uk | | | |
| Project: 190 Goldhurst Terrace | | | |
| Description: DEWATERING | | | |
| Date: | Scale: | Scale: | Scale: |
| 10/2019 | AS SHOWN | AS SHOWN | AS SHOWN |
| Drawn by: | Designed by: | Checked by: | Approved by: |
| KK | KK | AP | AP |
| Drawing No: 21108-SK-TW-045 P1 | | | |