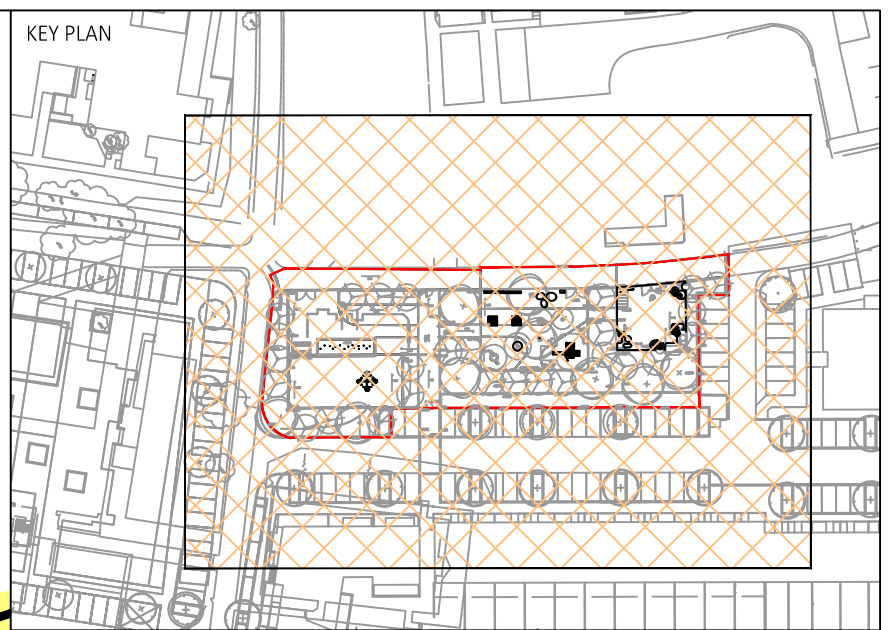
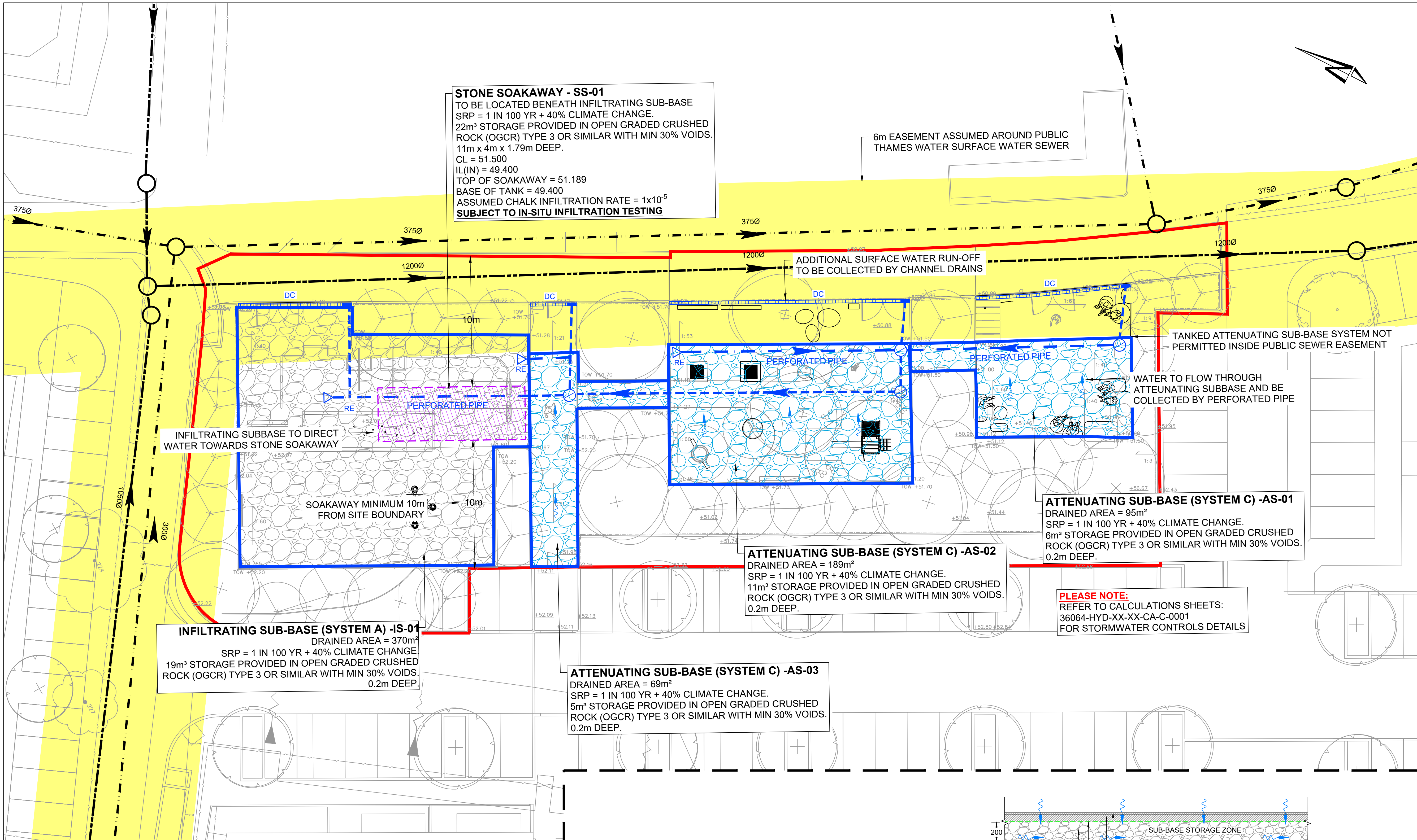




- NOTES
1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
 2. The DWG file is issued for the purposes of coordination only and do not represent formal drawing issue and are not to be reprinted in any form. Formal issue of drawings is via DWF, Adobe PDF files and/or hard copies and their associated information issue sheets.
 3. Note that all care has been taken with the export of DWG files and their content, but we recommend that you make due dimensional checks before using any DWG file information. Any errors found are to be reported to Hydrock immediately.
 4. All levels are shown in metres above Ordnance Datum (m AOD).
 5. All private drainage to comply with current Building Regulations, BS EN-752 Drain and Sewer systems outside Buildings and other relevant British Standards and Codes of Practices.
 6. Drainage pipework routes under building footprint will require Co-ordination with foundations.
 7. Final foul pipe connection routes and manholes are subject to confirmation of above ground drainage design discharge points at ground level by others to allow final pipe sizes, configuration and connections.
 8. Door threshold drainage channel requirements to be advised by others.
 9. Surface water drainage RWP locations to be confirmed by Architect.
 10. External levels shown on this drawing relating to the civils, drainage works etc are to be confirmed on receipt of final external levels drawing (by others).
 11. Foul drainage shown indicative subject to detailed design.

PROPOSED DRAINAGE - STORM

- STORM WATER DRAIN
- STORM WATER MANHOLE
- STORM WATER INSPECTION CHAMBER
- STORM RODDING EYE
- DRAINAGE CHANNEL
- EXISTING PUBLIC FOUL SEWER
- EXISTING PUBLIC STORM SEWER
- PUBLIC STORM WATER SEWER EASEMENT

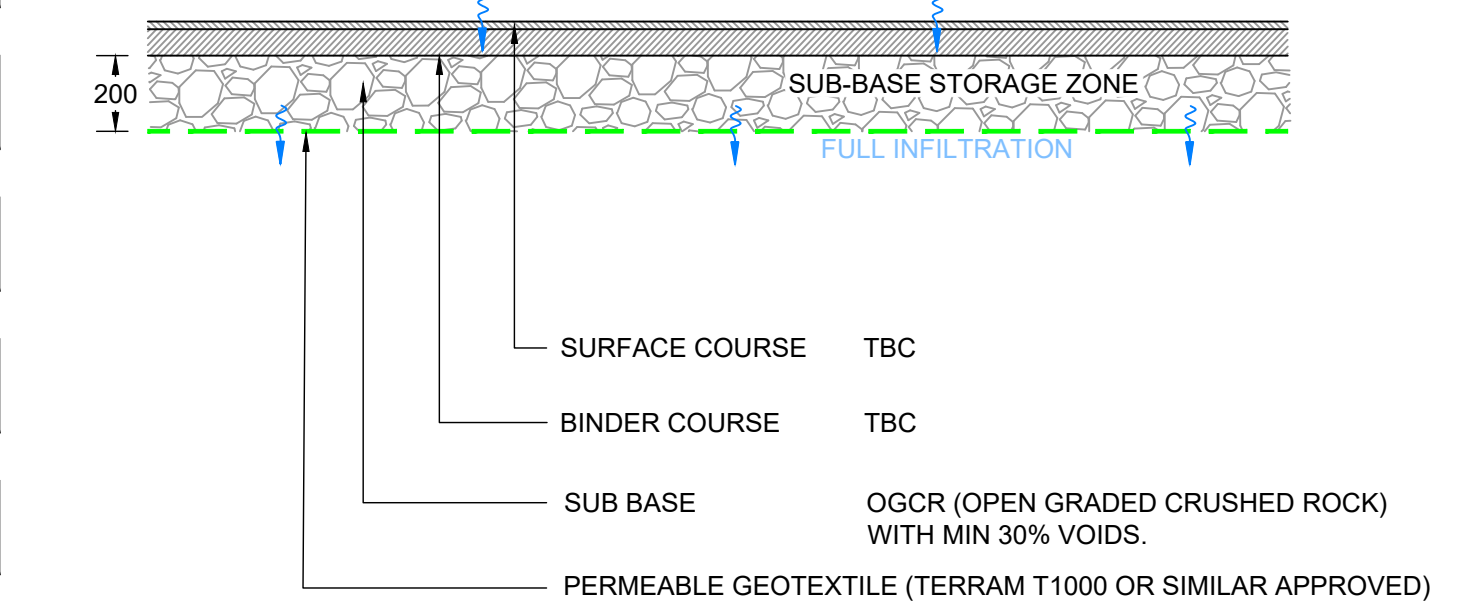
NOTE: DRAINAGE HAS ONLY BEEN SHOWN INDICATIVELY TO DEMONSTRATE THE PRINCIPLES OF THE DRAINAGE STRATEGY AND SHOULD NOT BE USED FOR PRICING

ATTENUATING SUB-BASE (SYSTEM C) -AS-03
DRAINED AREA = 69m²
SRP = 1 IN 100 YR + 40% CLIMATE CHANGE.
5m³ STORAGE PROVIDED IN OPEN GRADED CRUSHED ROCK (OGCR) TYPE 3 OR SIMILAR WITH MIN 30% VOIDS.
0.2m DEEP.

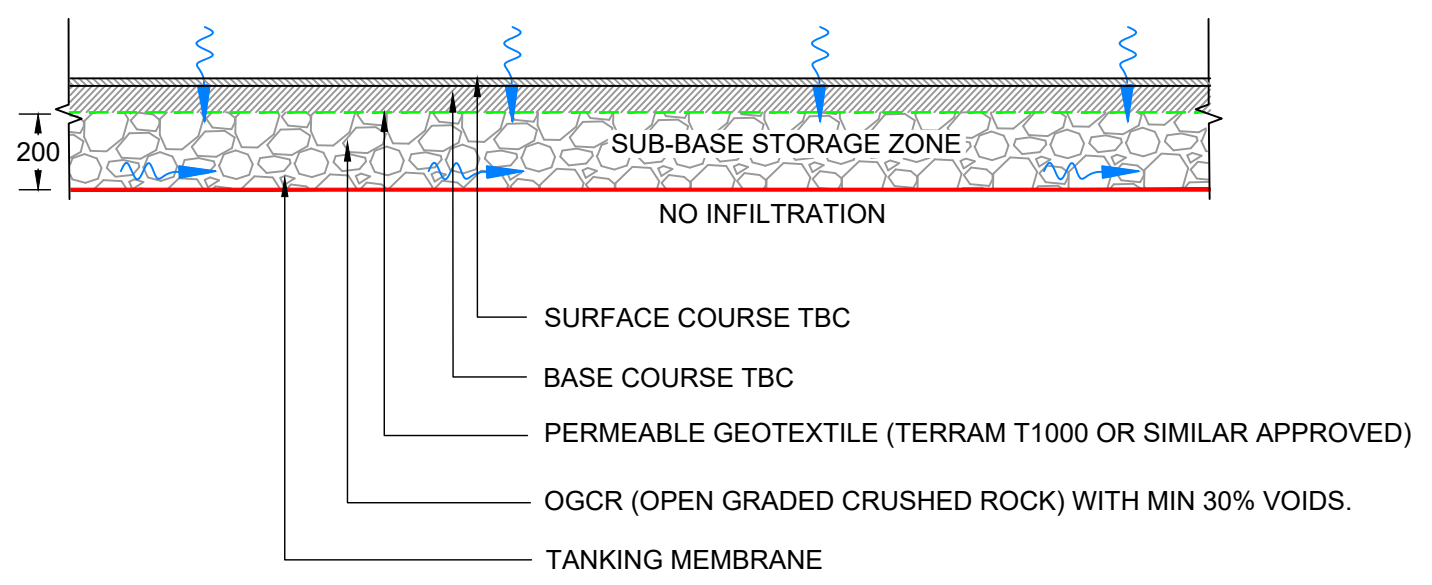
ATTENUATING SUB-BASE (SYSTEM C) -AS-02
DRAINED AREA = 189m²
SRP = 1 IN 100 YR + 40% CLIMATE CHANGE.
11m³ STORAGE PROVIDED IN OPEN GRADED CRUSHED ROCK (OGCR) TYPE 3 OR SIMILAR WITH MIN 30% VOIDS.
0.2m DEEP.

ATTENUATING SUB-BASE (SYSTEM C) -AS-01
DRAINED AREA = 95m²
SRP = 1 IN 100 YR + 40% CLIMATE CHANGE.
6m³ STORAGE PROVIDED IN OPEN GRADED CRUSHED ROCK (OGCR) TYPE 3 OR SIMILAR WITH MIN 30% VOIDS.
0.2m DEEP.

PLEASE NOTE:
REFER TO CALCULATIONS SHEETS:
36064-HYD-XX-XX-CA-C-0001
FOR STORMWATER CONTROLS DETAILS



TYPICAL INFILTRATING SUB-BASE (SYSTEM A)
POROUS SURFACING CONSTRUCTION
(Pedestrian loading only)
SCALE 1:20



CBR of subgrade %	Additional thickness of course graded material (mm)
1%	300
2%	175
3%	125
4%	100
5%	0

NOTE:
• DETAIL ABOVE MAKES NO ALLOWANCE FOR ADDITIONAL REQUIREMENTS SHOULD THE PERMEABLE CONSTRUCTION BE USED FOR SITE TRAFFIC. REFER TO PARAGRAPH 5.6.4 OF BS7533-13:2009 FOR MORE INFORMATION.
• MATERIALS TO MARSHALLS SPECIFICATION

TYPICAL ATTENUATING SUB-BASE (SYSTEM C)
POROUS SURFACING CONSTRUCTION
(Pedestrian loading only)
SCALE 1:20

PO1	PRELIMINARY ISSUE					
	H.MILLER	18/11/24	A.TODD	18/11/24	A.TODD	18/11/24
REV	REVISION NOTES/COMMENTS					
	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE
Merchants' House North Wapping Road Bristol BS1 4RW t: +44 (0)117 945 9225 e: bristolcentral@hydrock.com						
CLIENT READING BOROUGH COUNCIL						
PROJECT DEE PARK OPEN SPACE						
TITLE DRAINAGE STRATEGY						
HYDROCK PROJECT NO. C-36064-C				SCALE @ A1 1:150		
STATUS DESCRIPTION PLANNING					STATUS S2	
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) 36064-HYD-00-ZZ-DR-C-7000						REVISION P01