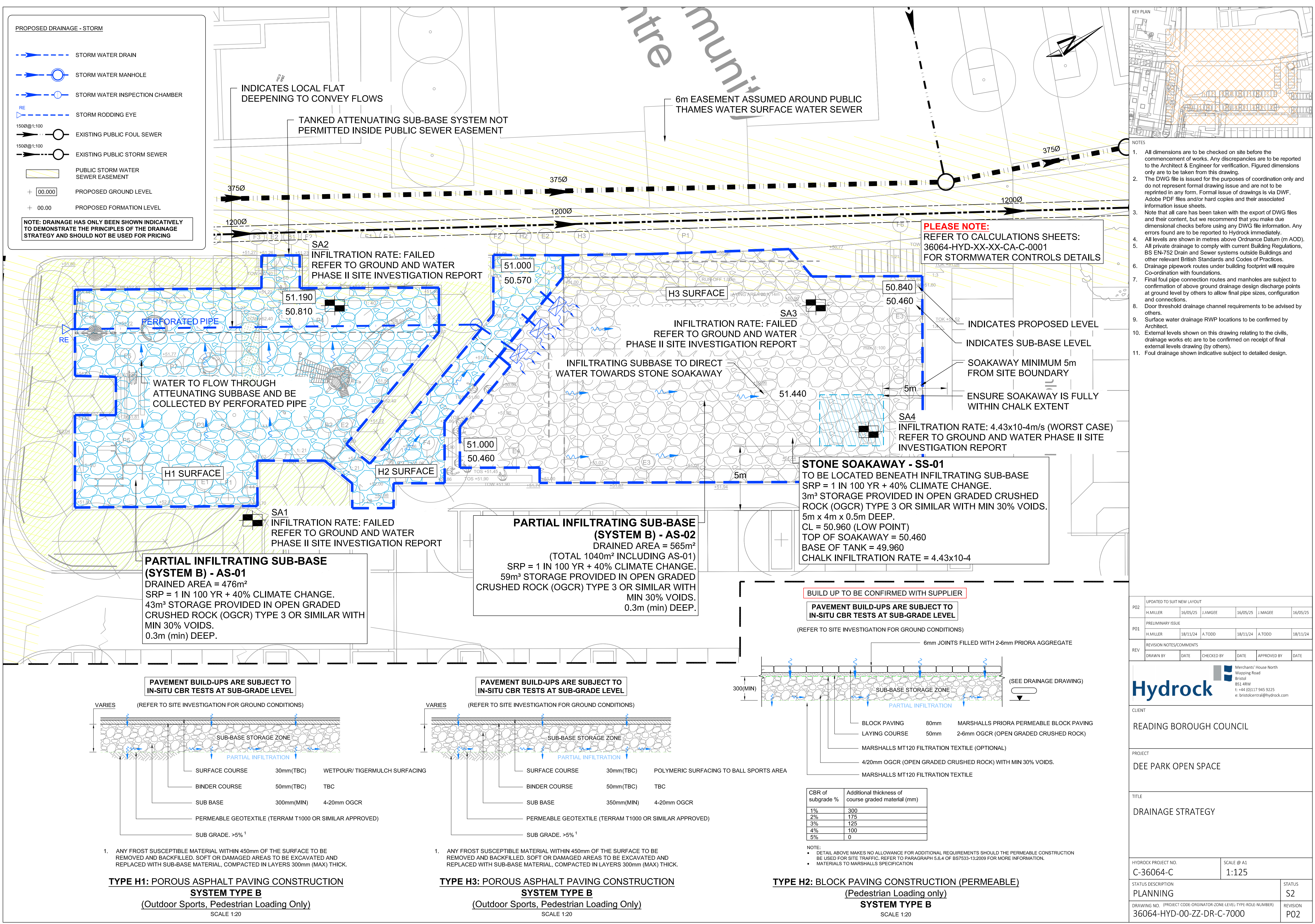


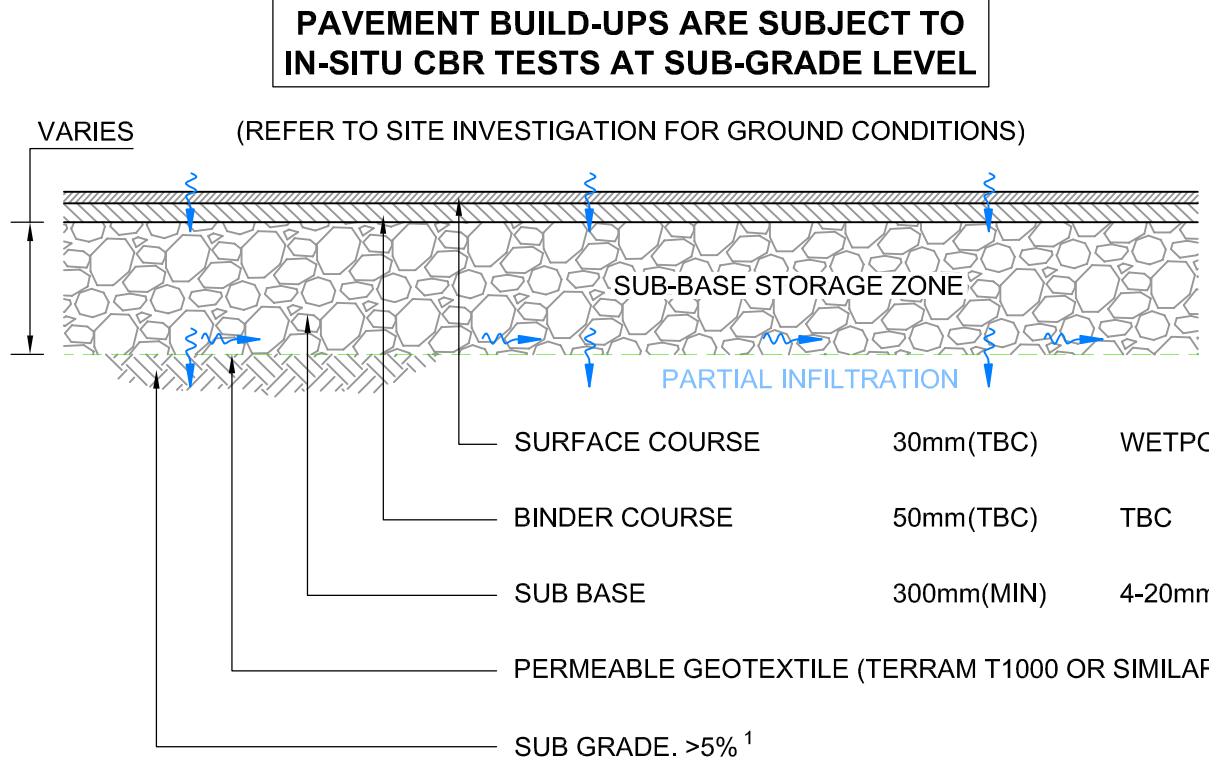


- NOTES
1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
 2. The DWG file is issued for the purposes of coordination only and do not 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.

PARTIAL INFILTRATING SUB-BASE (SYSTEM B) - AS-01
DRAINED AREA = 476m²
SRP = 1 IN 100 YR + 40% CLIMATE CHANGE.
43m³ STORAGE PROVIDED IN OPEN GRADED CRUSHED ROCK (OGCR) TYPE 3 OR SIMILAR WITH MIN 30% VOIDS.
0.3m (min) DEEP.

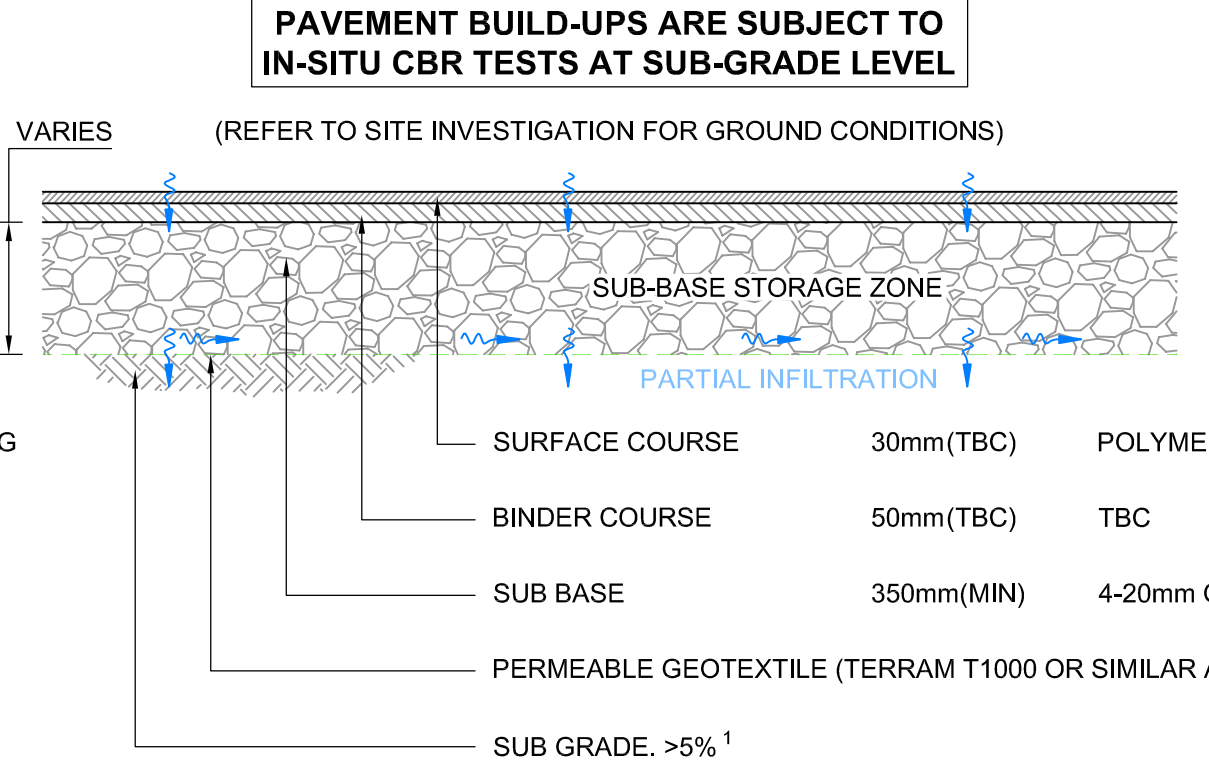
PARTIAL INFILTRATING SUB-BASE (SYSTEM B) - AS-02
DRAINED AREA = 565m²
(TOTAL 1040m² INCLUDING AS-01)
SRP = 1 IN 100 YR + 40% CLIMATE CHANGE.
59m³ STORAGE PROVIDED IN OPEN GRADED CRUSHED ROCK (OGCR) TYPE 3 OR SIMILAR WITH MIN 30% VOIDS.
0.3m (min) DEEP.

STONE SOAKAWAY - SS-01
TO BE LOCATED BENEATH INFILTRATING SUB-BASE
SRP = 1 IN 100 YR + 40% CLIMATE CHANGE.
3m³ STORAGE PROVIDED IN OPEN GRADED CRUSHED ROCK (OGCR) TYPE 3 OR SIMILAR WITH MIN 30% VOIDS.
5m x 4m x 0.5m DEEP.
CL = 50.960 (LOW POINT)
TOP OF SOAKAWAY = 50.460
BASE OF TANK = 49.960
CHALK INFILTRATION RATE = 4.43x10-4



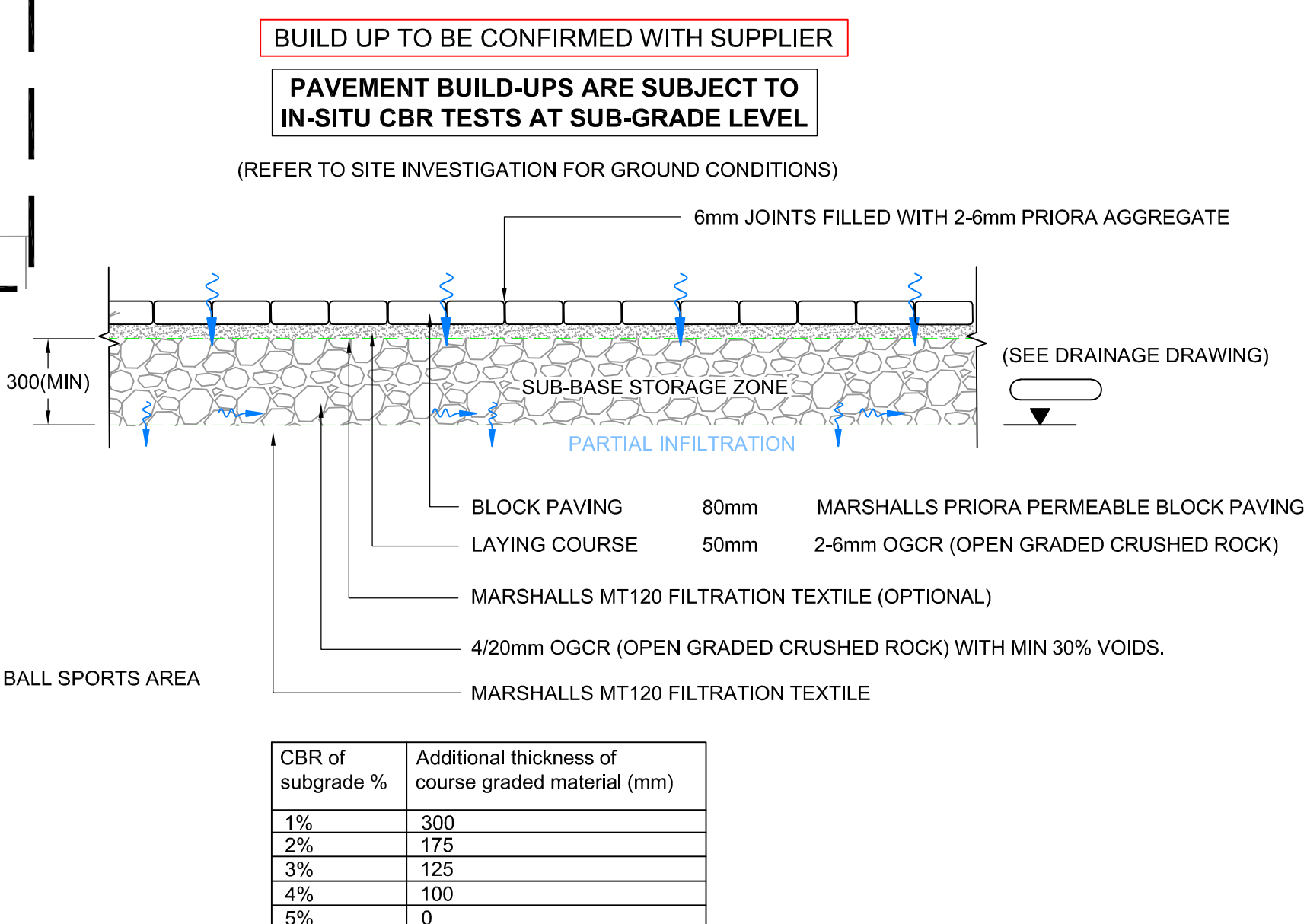
1. ANY FROST SUSCEPTIBLE MATERIAL WITHIN 450mm OF THE SURFACE TO BE REMOVED AND BACKFILLED. SOFT OR DAMAGED AREAS TO BE EXCAVATED AND REPLACED WITH SUB-BASE MATERIAL, COMPACTED IN LAYERS 300mm (MAX) THICK.

TYPE H1: POROUS ASPHALT PAVING CONSTRUCTION
SYSTEM TYPE B
(Outdoor Sports, Pedestrian Loading Only)
SCALE 1:20



1. ANY FROST SUSCEPTIBLE MATERIAL WITHIN 450mm OF THE SURFACE TO BE REMOVED AND BACKFILLED. SOFT OR DAMAGED AREAS TO BE EXCAVATED AND REPLACED WITH SUB-BASE MATERIAL, COMPACTED IN LAYERS 300mm (MAX) THICK.

TYPE H3: POROUS ASPHALT PAVING CONSTRUCTION
SYSTEM TYPE B
(Outdoor Sports, Pedestrian Loading Only)
SCALE 1:20



- 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

TYPE H2: BLOCK PAVING CONSTRUCTION (PERMEABLE)
(Pedestrian Loading only)
SYSTEM TYPE B
SCALE 1:20

PO2	UPDATED TO SUIT NEW LAYOUT					
	H.MILLER	16/05/25	J.MAGEE	16/05/25	J.MAGEE	16/05/25
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

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CLIENT
READING BOROUGH COUNCIL

PROJECT
DEE PARK OPEN SPACE

TITLE
DRAINAGE STRATEGY

HYDROCK PROJECT NO. C-36064-C		SCALE @ A1 1:125	
STATUS DESCRIPTION PLANNING		STATUS S2	
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) 36064-HYD-00-ZZ-DR-C-7000		REVISION P02	