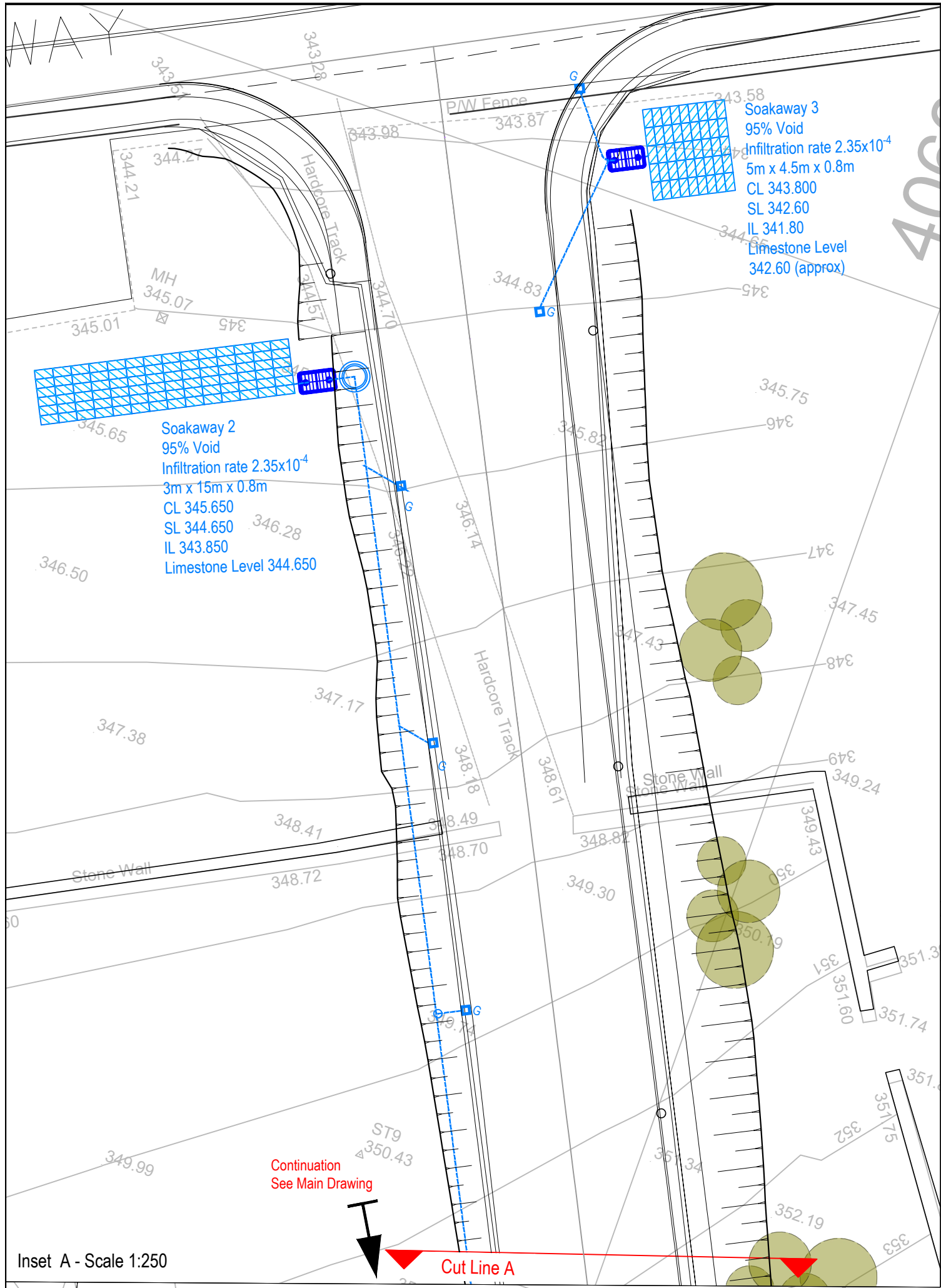
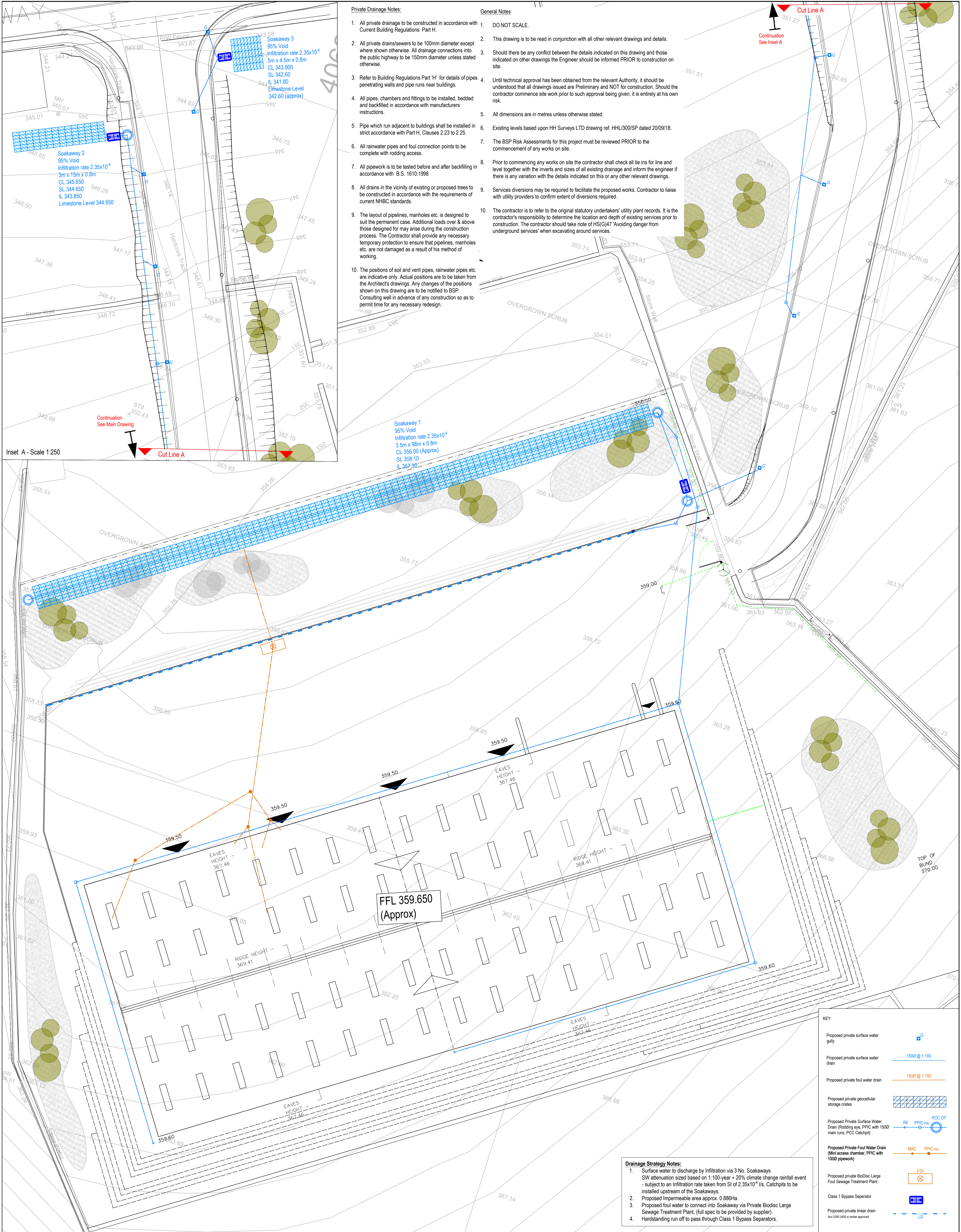




Private Drainage Notes:

1. All private drainage to be constructed in accordance with Current Building Regulations Part H.
2. All private drains/sewers to be 100mm diameter except where shown otherwise. All drainage connections into the public highway to be 150mm diameter unless stated otherwise.
3. Refer to Building Regulations Part H¹ for details of pipes penetrating walls and pipe runs near buildings.
4. All pipes, chambers and fittings to be installed, bedded and backfilled in accordance with manufacturers instructions.
5. Pipe which run adjacent to buildings shall be installed in strict accordance with Part H, Clauses 2.23 to 2.25.
6. All rainwater pipes and foul connection points to be complete with rodding access.
7. All pipework is to be tested before and after backfilling in accordance with B.S. 1610:1996
8. All drains in the vicinity of existing or proposed trees to be constructed in accordance with the requirements of current NHBC standards.
9. The layout of pipelines, manholes etc. is designed to suit the permanent case. Additional loads over & above those designed for may arise during the construction process. The Contractor shall provide any necessary temporary protection to ensure that pipelines, manholes etc. are not damaged as a result of his method of working.
10. The positions of soil and vent pipes, rainwater pipes etc. are indicative only. Actual positions are to be taken from the Architect's drawings. Any changes of the positions shown on this drawing are to be notified to BSP Consulting well in advance of any construction so as to permit time for any necessary redesign.

General Notes

1. DO NOT SCALE.
2. This drawing is to be read in conjunction with all other relevant drawings and details.
3. Should there be any conflict between the details indicated on this drawing and those indicated on other drawings the Engineer should be informed PRIOR to construction on site.
4. Until technical approval has been obtained from the relevant Authority, it should be understood that all drawings issued are Preliminary and NOT for construction. Should the contractor commence site work prior to such approval being given, it is entirely at his own risk.
5. All dimensions are in metres unless otherwise stated.
6. Existing levels based upon HH Surveys LTD drawing ref. HHL300/SP dated 20/09/18.
7. The BSP Risk Assessments for this project must be reviewed PRIOR to the commencement of any works on site.
8. Prior to commencing any works on site the contractor shall check all tie ins for line and level together with the inverts and sizes of all existing drainage and inform the engineer if there is any variation with the details indicated on this or any other relevant drawings.
9. Services diversions may be required to facilitate the proposed works. Contractor to liaise with utility providers to confirm extent of diversions required.
10. The contractor is to refer to the original statutory undertakers' utility plant records. It is the contractor's responsibility to determine the location and depth of existing services prior to construction. The contractor should take note of HSG47 'Avoiding danger from underground services' when excavating around services.

KEY:

- Proposed private surface water gully
- Proposed private surface water drain
- Proposed private foul water drain
- Proposed private geocellular storage crates
- Proposed Private Surface Water Drain (Rodding eye, PPIC with 1500 main runs, PCC Catchpit)
- Proposed Private Foul Water Drain (Mini access chamber, PPIC with 1000 pipework)
- Proposed private BioDisc Large Foul Sewage Treatment Plant
- Class 1 Bypass Separator
- Proposed private linear drain

Drainage Strategy Notes:

1. Surface water to discharge by infiltration via 3 No. Soakaways SW attenuation sized based on 1:100-year + 20% climate change rainfall event - subject to an infiltration rate taken from SI of 2.35x10⁻⁴ l/s. Catchpits to be installed upstream of the Soakaways.
2. Proposed Impermeable area approx. 0.886Ha.
3. Proposed foul water to connect into Soakaway via Private Biodisc Large Sewage Treatment Plant, (full spec to be provided by supplier).
4. Handstanding run off to pass through Class 1 Bypass Separators.

KEY PLAN				CLIENT APPROVAL				PROJECT			
				A - APPROVED				Harpur Hill Buxton			
				B - APPROVED WITH COMMENTS							
				C - DO NOT USE							
P03				STATUS				CLIENT			
P02				S3				Harpur Hill Limited			
P01				PURPOSE OF ISSUE							
REV				PRELIMINARY							
COMMENT				TITLE							
DRAWN BY				Proposed Drainage Strategy							
DATE											
CHECKED BY											
DATE											
APPROVED BY											
DATE											
SCALE @ A1											
1:250											
ISSUING OFFICE											
NOTTINGHAM											
PROJECT NUMBER											
20-0201											
Construction Risks											
Maintenance/Cleaning Risks											
Demolition/Adaptation Risks											
In addition to the hazards risks normally associated with the type of works detailed on this drawing take note of the above. It is assumed that all works on this drawing will be carried out by a competent contractor working, where appropriate, to an appropriate method statement.											
SAFETY HEALTH AND ENVIRONMENTAL INFORMATION BOX											

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bsi

BIM Design and Construction KITEMARK

PROJECT ORIGINATOR FUNCTIONAL SPATIAL FORM DISCIPLINE NUMBER REV

FBFU-BSP-ZZ-XX-DR-C-SK240 P03