KEY:

- PROPOSED SURFACE WATER DRAIN
- SIPHONIC PIPE (DESIGN BY SPECIALIST) (SDP)
- GRASSED FILTER DRAIN/RAIN GARDEN WITH PERFORATED PIPE
- MONODRAIN WITH INTERNAL SLOPE
- SURFACE WATER GULLY (G)
- SUMPED OUTLET
- SURFACE WATER ATTENUATION TANK
- EXISTING PRIVATE SURFACE WATER SEWER TO BE RETAINED
- EXISTING DRAINAGE TO BE ABANDONED (FOLLOWING PHASE 2 DEMOLITION WORKS)

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION UNUSUAL SIGNIFICANT HAZARDS

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.
IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

CONSTRUCTION
1. CONNECTION TO EXISTING SEWER. POTENTIAL FLOWS/ GASES HAZARDOUS TO HEALTH.
2. FLOW CONTROL DEVICE INSTALLATION - RISKS ASSOCIATED WITH MANUAL HANDLING IN CONFINED SPACE. CONTRACTOR TO CONSIDER METHOD OF INSTALLATION TO MITIGATE RISKS.
3. ATTENUATION TANK - CONTRACTOR TO ENSURE TANK IS NOT SURCHARGED BY VEHICLES/PLANT DURING THE CONSTRUCTION PHASE.

MAINTENANCE / CLEANING
1. ATTENUATION TANK. MAXIMUM LOADING ABOVE TANK NOT TO BE EXCEEDED. MAXIMUM LOADING AS PER MANUFACTURER'S SPECIFICATION..

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

DESIGN NOTES

1. DRAINAGE STRATEGY AND LEVELS BASED ON LANDSCAPE ARCHITECT LAYOUT "N1260-ONE-ZZ-XX-M2-L-0001" PROVIDED BY ONE ENVIRONMENTS ON 23.01.23.
2. COVER LEVELS SHOWN HAVE BEEN INTERPOLATED FROM THE LATEST LEVELS LAYOUT BY ONE ENVIRONMENTS. WHERE ANY DISCREPANCY IS FOUND BETWEEN COVER LEVELS SHOWN AND PROPOSED SITE LEVELS BY ONE ENVIRONMENTS, IT IS THE PROPOSED SITE LEVELS THAT SHOULD TAKE PRECEDENCE.
3. PIPE PROTECTION REQUIRED WHERE THERE IS LESS THAN 1.2m COVER WITHIN THE VEHICLE ACCESS AREAS.
4. SIPHONIC ROOF DRAINAGE INDICATIVE ONLY. SIPHONIC SPECIALIST TO DESIGN THE SIPHONIC SYSTEM UP TO THE DISCHARGE CHAMBER.
5. ATTENUATION STORAGE HAS BEEN BASED ON 100 YEAR STORM EVENT WITH 40% CLIMATE CHANGE (WITH SENSITIVITY CHECK UP TO 50% CC).
6. NO ALLOWANCE FOR SPORTS PITCH DRAINAGE HAS BEEN MADE AT THIS STAGE.
7. ALL SWALES, FILTER DRAINS AND RAIN GARDENS TO BE LINED WITH AN IMPERMEABLE MEMBRANE.
8. ALL INVERT AND COVER LEVELS BASED ON UTILITIES SURVEY INFORMATION PROVIDED BY MAPMATIC.
9. TREE ROOT PROTECTION BARRIERS ARE REQUIRED AT ALL AREAS WHERE TREES ARE IN CLOSE PROXIMITY TO THE DRAINAGE FEATURES.
10. DRAINAGE SERVING THE EXISTING BUILDINGS TO BE ABANDONED WHERE INDICATED ONLY.
11. EXISTING DRAINAGE USED AT THE CONNECTION ROUTE FOR THE NEW DEVELOPMENT TO BE RETAINED AND SURVEYED TO CONFIRM IT'S CONDITION AND CONNECTIVITY.
12. PLEASE REFER TO DESIGNER'S HAZARD REGISTER: SRP1081-CUR-ZZ-XX-RR-S-0001.
13. ALL MANHOLE COVERS TO BE CLASS D400 UNLESS SITUATED WITHIN NONE-TRAFFICKED AREAS.
14. EXISTING SITE BROWNFIELD RUNOFF RATE IS 136.9 l/s BASED ON TOTAL EXISTING HARD-PAVED AREA OF 0.82 ha, BASED ON 2-YEAR PEAK STORM.
15. CURRENT ATTENUATION DESIGN BASED TOTAL SITE IMPERMEABLE AREA OF 0.65 ha WITH A DISCHARGE RATE OF 14.6 l/s. SUBJECT TO APPROVAL BY LLFA AND SEVERN TRENT WATER.
16. DETAILED CONTRACTOR DESIGN TO BE CARRIED OUT AT THE NEXT STAGE TO MEET LLFA AND LOCAL WATER AUTHORITY REQUIREMENTS / COMMENTS.

TO BE READ IN CONJUNCTION WITH:

-SRP1081-CUR-ZZ-ZZ-DR-C-9000-GENERAL INFRASTRUCTURE NOTES
-SRP1081-CUR-ZZ-ZZ-DR-C-9202-FOUL WATER DRAINAGE LAYOUT
-SRP1081-CUR-ZZ-ZZ-DR-C-9205-DRAINAGE CONSTRUCTION DETAILS SHEET 1 OF 2
-SRP1081-CUR-ZZ-ZZ-DR-C-9206-DRAINAGE CONSTRUCTION DETAILS SHEET 2 OF 2

REV	DATE	DESCRIPTION		
P05	26.02.24	CONTRACT ISSUE	GHB	WC
P05	27.10.23	DRAINAGE UPDATED TO SUIT CLIENTS COMMENTS	GHB	WC
P04	1.09.23	INTERNAL DRAINAGE UPDATED TO SUIT REVISED ARCHITECTS LAYOUT, QA UPDATED	GHB	WC
P03	18.08.23	CONTRACTORS PROPOSAL ISSUE	GHB	WC
P02	03.03.23	SITE LAYOUT UPDATED	GHB	TKH
P01	17.01.23	FIRST ISSUE	GHB	TKH

CLIENT

Department for Education

CONTRACTOR

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PROJECT

SOUTHGLADE PRIMARY SCHOOL, BECKHAMPTON ROAD, NOTTINGHAM

DRAWING TITLE

PROPOSED SURFACE WATER DRAINAGE LAYOUT

DRAWING PURPOSE

PRELIMINARY

DRAWN BY	DATE	CHK'D BY	SCALE	MEDIA
GHB	18.01.2023	TKH	1:250	A1

PROJECT - ORIGINATOR - ZONE - LEVEL - TYPE - ROLE - NUMBER	REVISION
SRP1081-CUR-ZZ-ZZ-D-C-9200	C01