



NOTES

GENERAL

- DO NOT SCALE FROM THIS DRAWING. REFER TO FIGURED DIMENSIONS ONLY. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
- ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS AS SPECIFIED IN THE CONTRACT DOCUMENTS.
- ANY DISCREPANCIES SHOULD BE REPORTED TO THE OVERSEEING ORGANISATION IMMEDIATELY TO CLARIFY BEFORE STARTING WORK.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE COMPLIANCE WITH THE CURRENT CODES OF PRACTICE, STANDARDS AND PRODUCT MANUFACTURES DETAILS AND SPECIFICATION.

DRAINAGE CONSTRUCTION

- THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS AGREED DURING THE DURATION OF THE WORKS, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN "AS-CONSTRUCTED" DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
- BEFORE COMMENCING CONSTRUCTION THE CONTRACTOR MUST CHECK THE INVERT LEVELS OF EXISTING SEWERS TO WHICH CONNECTIONS ARE MADE. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE OVERSEEING ORGANISATION IMMEDIATELY, PRIOR TO CONSTRUCTION.
- ALL DRAINAGE WORKS SHOULD COMMENCE AT THE PROPOSED DOWNSTREAM CONNECTION POINT, THE WORKS CONTINUING UPSTREAM FOLLOWING CONFIRMATION OF THE TIE-IN INVERT LEVELS TO THE ENGINEER. CONNECTIONS TO MANHOLES OR LARGER SIZED PIPES ETC. SHOULD BE SOFFIT TO SOFFIT UNLESS SHOWN OR OTHERWISE INSTRUCTED BY THE OVERSEEING ORGANISATION. IF THIS IS NOT POSSIBLE INFORM THE CIVIL ENGINEER IMMEDIATELY.
- ALL ADOPTABLE DRAINAGE INFRASTRUCTURE SHALL BE CONSTRUCTED TO THE STANDARDS AND SPECIFICATION LAID DOWN IN THE CODE (FORMALLY SEWERS FOR ADOPTION) AND THE LOCAL WATER AUTHORITY PRACTICES, WITH A VIEW TO ADOPTION UPON COMPLETION OF WORKS. ALL PROPOSED ELEMENTS ARE FOR ADOPTION BY HAMPSHIRE COUNTY COUNCIL EXCEPT THE PROPOSED FLAP VALVE IN SW01.
- SEE NOTE 7 FOR TREATMENT OF REDUNDANT DRAINAGE.
- ALL STORM WATER PIPE WORK IS TO BE TWINWALL HDPE UNLESS SPECIFIED OTHERWISE
- ALL UN-REFERENCED PIPES ARE ASSUMED TO BE Ø150. MINIMUM CONSISTENT GRADIENTS ALONG THE WHOLE LENGTH OF THE PIPE AS LISTED BELOW:
 - SW FLATTEST GRADIENT - 1 IN 100 (Ø150)
 - SW FLATTEST GRADIENT - 1 IN 166 (Ø225)
- PROPOSED COVER LEVELS SHOWN ARE APPROXIMATE. COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS TO ENSURE THEY LAY FLUSH.
- ALL SEWERS WITH LESS THAN 1.2m OF COVER WHEN LAID BENEATH THE ROADS, OR 0.9m OF COVER IN OTHER AREAS, SHALL HAVE TYPE Z BED IN ACCORDANCE WITH MCHW VOLUME 3 FIGURE F1, UNLESS OTHERWISE STATED.
- WHERE DRAINS CONNECT TO MANHOLES, A FLEXIBLE PIPE JOINT SHOULD BE PROVIDED TO FORM A ROCKER PIPE IN ACCORDANCE WITH THE RELEVANT DETAIL REFERENCED.
- ALL ROAD GULLIES AND COVERS SHALL BE FITTED WITH GRADE D400 GRATINGS AND FRAMES TO BS EN124, UNLESS OTHERWISE STATED.
- ANY WORKS ASSOCIATED WITH THE PUBLIC HIGHWAY INCLUDING HIGHWAY DRAINAGE, SHALL BE IN ACCORDANCE WITH THE CONTRACT SPECIFICATION, UNLESS NOTED OTHERWISE WITH THE LOCAL AUTHORITY STANDARD SPECIFICATIONS OR DRAWINGS TAKING PRECEDENT.
- ROAD REINSTATEMENTS ARE TO BE TO THE APPROVAL OF THE OVERSEEING ORGANISATION. ANY LOW SPOTS THAT FORM PONDING AWAY FROM A GULLY MUST BE REMEDIATED AT THE CONTRACTOR'S COST PRIOR TO COMPLETION.
- UNDERTAKE AIR TESTING OF THE NEW STORM WATER SYSTEMS TO BS EN 1610 BEFORE BACK

- FILLING.
- SOFT SPOTS IN FORMATION ARE TO BE REMOVED AND REPLACED WITH SUITABLE MATERIAL.
- DRAINAGE COMPLETION**
- REMOVE CONSTRUCTION DEBRIS FROM THE NEW STORM WATER SYSTEMS BEFORE FINAL TESTING AND CCTV INSPECTION. NO DEBRIS IS TO BE DISCHARGED INTO SEWERS OR WATERCOURSES.
 - COMPLETE CCTV INSPECTION SURVEY OF ALL THE NEW STORM WATER SYSTEMS MUST BE CARRIED OUT BY A THIRD PARTY AND A DIGITAL COPY OF THE REPORT AND VIDEOS PROVIDED BY THE CONTRACTOR TO THE CIVIL ENGINEER FOR CHECKING BEFORE THE WORKS CAN BE SIGNED OFF BY THE CLIENT.
 - THE CONTRACTOR MUST PROVIDE A DIGITAL TOPOGRAPHICAL LEVELS SURVEY OF THE WORK (INCLUDING BELOW-GROUND INVERT LEVELS OF PIPES) BEFORE THE WORKS CAN BE SIGNED OFF BY THE CLIENT. THE SURVEY MUST BE TO ORDNANCE SURVEY BENCHMARK DATUM AND SUPPLIED IN EITHER DWG OR DXF FORMAT.
 - THE CONTRACTOR PROVIDE MANUFACTURES OPERATION AND MAINTENANCE MANUALS FOR ANY INSTALLED PROPRIETARY PRODUCTS.
 - WORKS EXTENTS TO BE WITHIN THE HIGHWAY BOUNDARY. EXACT SITE BOUNDARY TO BE CONFIRMED UPON APPOINTMENT AND WITH FURTHER LOCAL LIAISON.

DRAWING SCHEDULE	
SITE CLEARANCE	RJ510384-HEH-HSC-14427639-DR-CD-1001
GENERAL ARRANGEMENT	RJ510384-HEH-HGN-14427639-DR-CD-1001
DRAINAGE	RJ510384-HEH-HDG-14427639-DR-CD-1001
GPR SURVEY	RJ510384-HEH-VUT-14427639-DR-CD-1001
S04 DETAIL	RJ510384-HEH-HSE-14427639-DE-CD-1001
SITE SPECIFIC DETAILS	RJ510384-HEH-HSE-14427639-DE-CD-1002

KEY

- — — — — PROPOSED SURFACE WATER PIPE
- - - - - PROPOSED FULLY-PERFORATED SURFACE WATER PIPE
- ○ PROPOSED CHAMBER - REFER TO CHAMBER SCHEDULE
- - - - - - EXISTING SOUTHERN WATER FOUL SYSTEM
- - - - - - EXISTING SOUTHERN WATER SURFACE WATER SYSTEM
- SITE EXTENTS

PARTS OF THIS DRAWING SHOULD BE SHOWN IN COLOUR. IF THIS NOTE IS NOT RED REPRINT A COLOURED COPY

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SuRPS 2a - HARRISON SCHOOL PROPOSED CHAMBER SCHEDULE									
REF	CHAMBER TYPE	COVER LEVEL	COVER TYPE	CHAMBER SIZE	TOP OF BASE SLAB LEVEL	MATERIAL	DETAIL	EASTING	NORTHING
C41	CATCHPIT GULLY	CL 16.71	600 x 600 D400 GRATING	900dia	SUMP 15.93	PCC	HCC11/D035	457880.405	106649.185
C42	CP7 CATCHPIT	CL 16.63	1200 x 750 D400 SOLID COVER	1200 x 750	SUMP 15.59	PCC	RJ510384-HEH-HSE-14427639-DR-CD-1002	457879.080	106656.235
C43	ICS INSPECTION CHAMBER	CL 16.94	600 x 450 D400 SOLID COVER	600 x 450	IL 15.84	PCC	RJ510384-HEH-HSE-14427639-DR-CD-1002	457877.430	106661.940
C44	VCS FLOW CONTROL CHAMBER	CL 16.85	1200 x 750 D400 SOLID COVER	1200 x 750	SUMP 15.23	PCC	RJ510384-HEH-HSE-14427639-DR-CD-1002	457866.510	106699.065

SUIT	REV	DESCRIPTION	DATE	CAD	CHKD	APPD
S3	P01	FIRST ISSUE	19.06.2026	TPS	YO	JRD

CLIENT

SOUTHERN WATER SERVICES LTD

CONSULTANT

Hampshire County Council
Engineering Services

TIM LAWTON BENG CENG FICE FCIT - ASSISTANT DIRECTOR OF UNIVERSAL SERVICES

DESIGNER	TPS	SCALE @ A1	1:200	SCHEME	FAREHAM SuDS RETROFIT PILOT SCHEME 2A HARRISON SCHOOL	DRAWING TITLE	DRAINAGE PLAN
CAD	TPS	DATE	19.06.2026				
CHECKED	YO	SHEET NUMBER	1 OF 1				
APPROVED	JRD	DRAWING NUMBER	RJ510384-HEH-HDG-14427639-DR-CD-0001	JOB No.	RJ510384.01	HCC CAD PLOT:	21/6/2026 22:16:55
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						S3	P 01