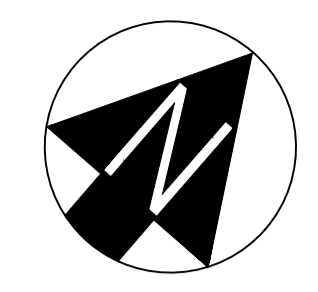


**PROPOSED STRATEGY KEY**

- SURFACE WATER SEWER
- SURFACE WATER RODDING EYE
- RAINWATER PIPE
- ROAD GULLY
- SURFACE WATER SILT TRAP CHAMBER
- SURFACE WATER MANHOLE
- SW PUMP CHAMBER (AS NOTED)
- PERFORATED SURFACE WATER PIPE
- POND/CAR PARK/SUB-BASE STORAGE SYSTEM/WATER TREATMENT
- ATTENUATION POND
- FUUL WATER CONNECTION POINT (SVP / SS / AAV)
- FUUL WATER SEWER
- FUUL WATER INSPECTION CHAMBER (DEPTH >0.6m <1.2m)
- FUUL WATER MANHOLE
- COMBINED SEWER
- COMBINED SEWER MANHOLE

**GENERAL KEY**

- PROPOSED LEVEL
- PROPOSED LEVEL
- PROPOSED GRADIENT
- PROPOSED BANK
- PROPOSED EARTHWORKS
- PLANNING APPLICATION BOUNDARY



**NOTES**

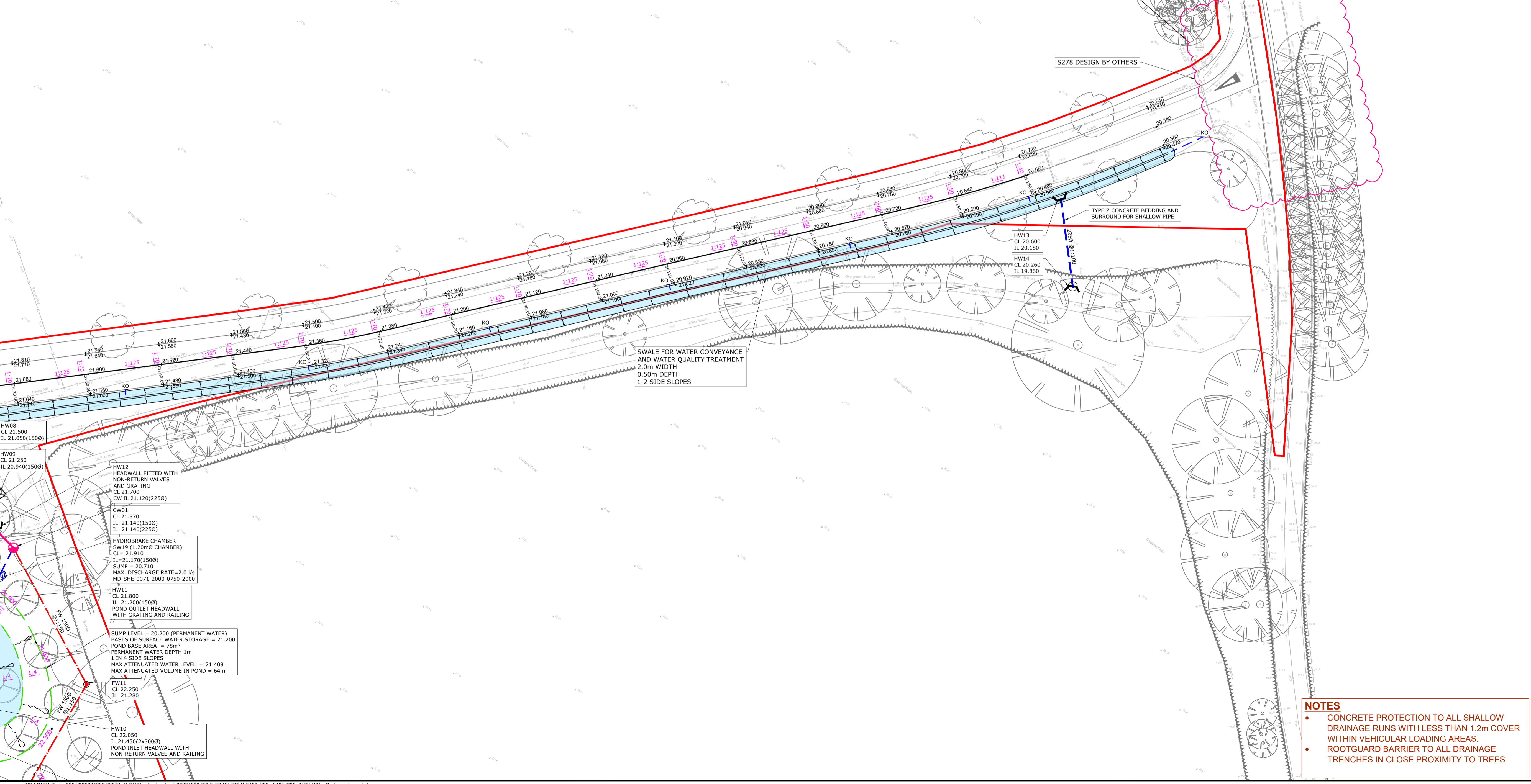
**GENERAL NOTES**

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALISTS DRAWINGS AND THE SPECIFICATION.
- DO NOT SCALE** FROM THIS DRAWING MANUALLY OR ELECTRONICALLY. WRITTEN PERMISSION MUST BE OBTAINED FROM SWECO PRIOR TO SCALING ELECTRONICALLY OR USING THIS ELECTRONIC FILE.
- ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS, EUROPEAN STANDARDS, CODES OF PRACTICE AND BUILDING PRACTICE.
- ALL DIMENSIONS ARE TO BE CHECKED BY THE CONTRACTOR PRIOR TO STARTING THE WORKS ON SITE. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
- FOR CIVIL & STRUCTURAL HEALTH & SAFETY HAZARDS PLEASE REFER TO DESIGNERS RISK ASSESSMENTS.
- IF YOU DO NOT UNDERSTAND FULLY ANY OF THE DETAILS SHOWN ON THIS DRAWING CONTACT THE ENGINEER FOR CLARIFICATION.
- THE CONTRACTOR SHALL OBTAIN PRIOR APPROVAL AND ALL NECESSARY LICENCES FROM THE RELEVANT AUTHORITY BEFORE CARRYING OUT ANY WORKS WITHIN THE EXISTING BOUNDARY.
- SURVEY INFORMATION TAKEN FROM TOPOGRAPIHICAL SURVEY CAD FILE BY PARESH LAND SURVEYS DATED 30 SEPTEMBER 2019.
- SITE LAYOUT BASED ON A GENERAL ARRANGEMENT LAYOUT LANDSCAPE DRAWING BY HGA DATED MARCH 2022.

**DRAINAGE NOTES**

- ALL PRIVATE DRAINAGE WORKS SHALL BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT H AND BS EN 752:2008.
- THE CONTRACTORS ATTENTION IS DRAWN TO DIAGRAMS 7 AND 8 OF THE BUILDING REGULATIONS APPROVED DOCUMENT H SHOWING DETAILS OF DRAINS LAID BELOW AND NEAR TO BUILDINGS, WHERE GROUND BEAMS ARE USED, THEIR LEVEL SHALL BE SET TO AVOID CLASHING WITH DRAIN CONNECTIONS.
- ACCESS FITTINGS, INSPECTION CHAMBERS AND MANHOLES SHALL BE CONSTRUCTED TO THE DIMENSIONS SHOWN IN TABLES 11 AND 12 OF THE BUILDING REGULATIONS APPROVED DOCUMENT H AND FROM THE MATERIALS LISTED IN TABLE 14. ACCESS POINTS, INSPECTION CHAMBERS AND MANHOLES SHALL BE CONSTRUCTED FROM PRODUCTS DESIGNED/RATED FOR THE LOCATION IN WHICH THEY ARE TO BE USED. THEY SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS/SUPPLIERS RECOMMENDATIONS.
- PRIOR TO COMMENCEMENT OF WORKS ALL DRAINAGE OUTFALL POINTS, SHALL BE VERIFIED ON SITE BY THE CONTRACTOR. IF THE OUTFALL POINT IS FOUND TO BE HIGHER OR SIGNIFICANTLY LOWER THAN SHOWN ON THE DRAWINGS THEN THE CONTRACT ADMINISTRATOR SHALL BE NOTIFIED IMMEDIATELY. (SIGNIFICANT REDUCTION OF DRAINAGE AND LEVELS MAY BE NECESSARY).
- PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR IS TO ARRANGE TRACKING OF THE EXISTING DRAINAGE TO ENSURE THAT NO LIVE CONNECTIONS REMAIN. ANY SUCH CONNECTIONS MUST BE REPORTED TO THE CONTRACT ADMINISTRATOR PRIOR TO THE COMMENCEMENT OF THE NEW DRAINS, WHICH MAY BE SUBJECT TO A SECTION 185 (WA) TO BE APPROVED BY THE LOCAL WATER AUTHORITY.
- ALL PRE-CAST AND IN-SITU CONCRETE AND MORTARS USED IN THE CONSTRUCTION OF FUUL DRAINS AND SEWERS SHALL BE MADE FROM SULPHATE RESISTING CEMENT.
- ALL COVER LEVELS SHOWN ON THIS DRAWING ARE APPROXIMATE. EXACT LEVELS OF NEW COVERS AND FRAMES TO BE DETERMINED ON SITE TO MATCH LEVEL AND PROFILE OF FINISHED SURFACE.
- UNLESS NOTED OTHERWISE ALL PIPEWORK SHALL BE 100mm DIAMETER LEAD TO A FALL OF 1 IN 80 OR STEEPER FOR SURFACE WATER AND 1 IN 40 OR STEEPER FOR FUUL WATER. FUUL DRAINS WITH ONE OR MORE W.C. CONNECTED MAY BE LAID AT 1 IN 80 OR STEEPER, WHERE APPROPRIATE ROAD GULLY CONNECTIONS SHALL BE 150mm DIA AT 1 IN 150 OR STEEPER.
- UNLESS NOTED OTHERWISE ALL PIPEWORK SHALL BE CONSTRUCTED FROM SUPER STRENGTH VITRIFIED CLAY TO BS 65, BS EN 295 OR UPVC TO BS EN 1201 BEDDED AND BACKFILLED AS PER THE MANUFACTURERS RECOMMENDATIONS AND THE ABOVE LISTED PUBLICATIONS.
- EXACT LOCATION OF GULLIES TO BE DETERMINED ON SITE TO SUIT LOW POINTS. THE CONTRACTOR SHALL ENSURE THAT ALL FINISHED SURFACE ARE LAID TO FALLS THAT ARE SUFFICIENT FOR ALL SURFACE WATER TO DRAIN WITHOUT SURFACE PONDING.
- RAINWATER DOWNPIPES THAT DO NOT CONNECT DIRECTLY TO AN ACCESS POINT, SHALL BE FITTED WITH A RODDING ACCESS.
- TESTING OF THE SURFACE WATER SYSTEM SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE GUIDANCE IN BS EN 1610:1998.
- ALL SANITARY PIPEWORK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH BS EN 12056-2:2000. SYSTEM III (SINGLE DISCHARGE STACK SYSTEM WITH FULL BORE BRANCH DISCHARGE PIPES), SHALL BE USED UNLESS OTHERWISE SPECIFIED BY ARCHITECT OR M/E ENGINEER.
- FOR THE EXACT LOCATION OF SOIL PIPES, STUBSTACKS, W.C.'s, RWPS AND OTHER DRAINAGE CONNECTIONS REFER TO THE ARCHITECTURAL BUILDING PLANS OR M/E ENGINEER DRAWINGS.
- ALL EXTERNAL BUILDING DRAINAGE SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH BS 12056-1:2000, BS EN 752-3:1997 (AMENDMENT 2), BS EN 752-4:1998 AND BS EN 1610:1998.
- TESTING OF THE COMPLETED WASTEWATER SYSTEM SHALL BE CARRIED OUT IN ACCORDANCE WITH BS EN 12056-2:2000 (SANITARY PIPEWORK) AND BS EN 12056-1:2000 FOR DRAINAGE UNDER AND AROUND BUILDINGS.
- ALL EXCAVATIONS SHALL BE KEPT FREE OF STANDING WATER. THE CONTRACTOR SHALL ENSURE THE STABILITY OF ALL EXCAVATIONS IS MAINTAINED AT ALL TIMES.
- ALL COVERS, GRATINGS AND FRAMES TO CHAMBERS, GULLIES, CHANNELS ETC. SHALL BE OF THE CORRECT LOAD CLASS TO SUIT THEIR LOCATION IN ACCORDANCE WITH BS EN 124:1994.

LOCATION PLAN



**NOTES**

- CONCRETE PROTECTION TO ALL SHALLOW DRAINAGE RUNS WITH LESS THAN 1.2m COVER WITH VEHICULAR LOADING AREAS.
- ROOTGUARD BARRIER TO ALL DRAINAGE TRENCHES IN CLOSE PROXIMITY TO TREES

Rev	Date	Amendment Details	Dn	Chk	App
C01	03.11.2022	ADDITIONAL HEADWALL INFORMATION ADDED	HB	CH	CH
D02	04.08.2022	LAYOUT REVIEWED AND ISSUED FOR CONSTRUCTION	JD	CH	MS
P02	08.07.2022	SUB-STATION ADDED TO DRAWING. NUMBER OF DISCHARGES TO WATERCOURSE REDUCED	EB	HB	CH
P01	31.03.2022	TENDER ISSUE	HB	CH	MS

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Building 7200  
Cambridge Research Park  
Cambridge  
CB25 9TL  
Tel: +44 (0)1223 632 800  
Web: www.sweco.co.uk

Client

**MEMORIA**

Project Title

**FAVERSHAM CREMATORIUM**

Drawing Title

**PROPOSED DRAINAGE LAYOUT SHEET 1**

Revision of Issue

**CONSTRUCTION**

Status	Issue Description
S4	FOR REVIEW AND AUTHORIZATION

Drawn	Designed	Checked	Approved
HB	HB	CH	CH

Sheet No: A0  
Scale: 1:200  
Drawing No: 65204882  
Revision: C02

Drawing Number: **65204882-SWE-ZZ-XX-DR-C-0100**