



DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
THE CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON SITE.
ANY DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE ENGINEER
FOR CLARIFICATION BEFORE PROCEEDING.
THIS DRAWING IS COPYRIGHT AND OWNED BY AEGAEA.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
REFER TO THE RELEVANT CONSTRUCTION (DESIGN AND MANAGEMENT)
DOCUMENTATION WHERE APPLICABLE.
IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY
A COMPETENT CONTRACTOR, WORKING WHERE APPROPRIATE TO AN
APPROVED METHOD STATEMENT.

GENERAL NOTES

1. THE CONTRACTOR IS TO CHECK AND VERIFY ALL SITE DIMENSIONS AND LEVELS, INCLUDING EXISTING SEWER INVERT LEVELS AND UTILITIES, PRIOR TO START ON SITE.
2. POSITIONS OF EXISTING SERVICES/STATUTORY UNDERTAKERS' APPARATUS ADJACENT TO OR CROSSING PROPOSED EXCAVATIONS ARE TO BE CONFIRMED PRIOR TO START ON SITE.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH AND CHECKED AGAINST ALL: ENGINEERING DETAILS, SPECIFICATIONS, GEOTECHNICAL AND OTHER RELEVANT DOCUMENTATION PROVIDED.
4. THIS DRAWING IS SCHEMATIC FOR CLARITY ONLY. POSITIONS OF PIPE RUNS AND MANHOLES MAY VARY ON SITE DUE TO SITE CONDITIONS.
5. WHERE EXISTING OR PROPOSED TREES ADJACENT TO HIGHWAYS OR DRAINAGE ARE PROPOSED, ROOT BARRIERS (TYPE TO BE APPROVED) ARE REQUIRED TO PREVENT STRUCTURAL DAMAGE.
6. ANY ANOMALY OR CONTRADICTIONS BETWEEN ANY OF THE ABOVE IS TO BE REPORTED IMMEDIATELY.
7. THE CONTRACTOR IS TO COMPLY IN ALL ASPECTS WITH THE CURRENT BRITISH STANDARDS, BUILDING REGULATIONS AND BUILDING LEGISLATION ETC.
8. FURTHER SURVEYS REQUIRED TO DETERMINE EXACT LOCATION, DIMENSIONS AND LEVELS OF EXISTING SEWERS.
9. DRAINAGE LAYOUT IS SUBJECT TO CHANGE AND DEPENDANT ON RECEIPT OF LEVELS OF EXISTING SURFACE AND FOUL WATER SEWER.

DRAINAGE INVERTS BASED ON ASSUMED COVER LEVELS. ALL DRAINAGE LEVELS SUBJECT TO CHANGE AT DETAILED DESIGN FOLLOWING DETAILED LEVEL PROPOSALS

LEGEND

- PROPOSED SURFACE WATER SEWER
- PROPOSED 30,000 L RAIN WATER BUTT / STORAGE

PROPOSED ATTENUATION BASIN SIZED FOR 1:100 YEAR STORM + 45% CLIMATE CHANGE

DEPTH = 1.9m (0.6m PERMANENT WATER DEPTH + 1.0m ATTENUATION + 300mm FREEBOARD)
MAINTENANCE STRIP TO TOP OF BASIN = 3m

- BASIN BASE LEVEL = 71.700
- PERMANENT WATER DEPTH = 600mm
- PERMANENT WATER LEVEL = 72.300
- BASE LEVEL FOR ATTENUATION STORAGE = 72.300
- TOP WATER LEVEL FOR ATTENUATION STORAGE = 73.300
- 300mm FREE BOARD LEVELS = 73.300 - 73.600
- 3m MAINTENANCE STRIP AROUND TOP OF BASIN SET AT 73.600.

EMBANKMENT AROUND BASIN TO TIE INTO EXISTING GROUND LEVEL AS SHOWN

SW4 - PROPOSED FLOW CONTROL
CHAMBER TYPE :
CTL-SHE-0055-1500-1234-1500,
DISCHARGE RATE LIMITED TO 1.5 l/s (Qbar)
CL 73.600
IL 72.157

SW5
CL 73.400
IL 71.598

SW3
CL 74.600
IL 72.561

SW2
CL 74.250
IL 72.905

SW1
CL 74.625
IL 73.125

SW8
CL 74.600
IL 72.900

SW8
CL 74.600
IL 73.100

SW6
CL 72.25
IL 71.219

SW6
CL 72.25
IL 71.219

SW7
CL 71.30
IL 70.381

PROPOSED OUTFALL TO EXISTING WATER COURSE
IL 70.00

INSET

0m 10 20 30 40 50

SCALE 1 : 500

A01	21.01.26	FIRST ISSUE	AR
Rev	Date	Description	By

Client	
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WOOLEY AND WALLIS

Project	
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LOWER DUNGE FARM

Title	
PROPOSED SURFACE WATER DRAINAGE STRATEGY	

Project No.	Drawing No.	Revision
AEG10011	CIV-001	A01

Drawn	Checked	Approved	Date	Scale @ A1
AR	VW	VW	JAN 2026	1:500

Drawing Status	
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INFORMATION

aegaea
water, civils and environment