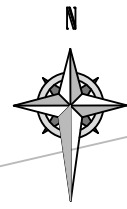


DRAINAGE KEY

PRIVATE SURFACE WATER	S01 CL:00.000 IL:00.000	PRIVATE FOUL WATER	F01 CL:00.000 IL:00.000
SURFACE WATER MANHOLE TEXT		FOUL WATER MANHOLE TEXT	
SURFACE WATER PIPE-RUN DIAMETER/GRADIENT	1000 80 1.001	FOUL WATER PIPE-RUN DIAMETER/GRADIENT	1000 80 1.001
PRIVATE ROAD GULLY	RG	PRIVATE FOUL CONNECTION POINT	SVP
CHANNEL DRAIN	CD	225mmØ INSPECTION CHAMBER (0-600mm DEEP)	
RODDING EYE	RE IL:00.000	450mmØ INSPECTION CHAMBER (>1200mm DEEP)	
RAINWATER PIPE		EXISTING PRIVATE FOUL WATER FOUL WATER MANHOLE TEXT	EX-F01 CL:00.000 IL:00.000
450mmØ INSPECTION CHAMBER (>1200mm DEEP)		FOUL WATER PIPE-RUN DIAMETER/GRADIENT	1000 80 1.001
1200mmØ MANHOLE WITH ORIFICE PLATE DIAMETER SHOWN (>1200mm DEEP)		450mmØ INSPECTION CHAMBER (>1200mm DEEP)	
1500mmØ DOWNSTREAM DEFENDER			
INSPECTION CHAMBER WITH CATCHPIT (CP) 450mm SUMP	S01 CP CL:00.000 IL:00.000		
CELLULAR ATTENUATION TANK	CRATES CL:00.000 SL:00.000 IL:00.000		
EXISTING PRIVATE SURFACE WATER	EX-S01 CL:00.000 IL:00.000		
SURFACE WATER MANHOLE TEXT			
SURFACE WATER PIPE-RUN DIAMETER/GRADIENT	1000 80 1.001		
RAINWATER PIPE			
450mmØ INSPECTION CHAMBER (>1200mm DEEP)			



EXACT LOCATION AND LEVEL OF THE
OUTFALL PIPE TO BE CONFIRMED
BEFORE ANY UPSTREAM DRAINAGE IS
CONSTRUCTED

59.8 L/S DISCHARGE RATE WITH THE
WHOLE OF THE SITE BEING ATTENUATED
ON SITE. ARCHIVING MORE THAN 50%
BETTERMENT THAN THE EXISTING
BROWN FIELD RUNOFF RATE.

BIKE / BIN STORE

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALIST DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY. WRITTEN PERMISSION MUST BE OBTAINED FROM BARTER HILL PARTNERSHIP LTD PRIOR TO SCALING ELECTRONICALLY OR USING THIS ELECTRONIC FILE.
- THIS DRAWING IS BASED UPON EXTERNAL INFORMATION. ARCHITECTURAL INFORMATION: WAS CHARTERED ARCHITECTS. SITE SETTING OUT - EG 24/124/1004_01 REV C1 (05-06-25) AND GROUND FLOOR PLAN EG 24/124/1000_02 REV 17 (31-01-25) TOPOGRAPHICAL SURVEY: COMPASS SURVEYS LIMITED, 01T, 02E, 03BASE, 04GF, 05FF, 06SF (JAN 2024).
- PRIOR TO COMMENCEMENT OF WORKS, ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY.

CONSTRUCTION (DESIGN AND
MANAGEMENT) REGULATIONS 2015

DESIGNER'S HAZARD
INFORMATION FOR CONSTRUCTION

- IF YOU DO NOT FULLY UNDERSTAND THE RISKS INVOLVED DURING THE CONSTRUCTION OF THE ITEMS INDICATED ON THIS DRAWING ASK YOUR MANAGER, HEALTH & SAFETY ADVISOR OR A MEMBER OF THE DESIGN TEAM BEFORE PROCEEDING.
 - STRIKING CHARTED AND UNCHARTED BURIED AND OVERHEAD SERVICES INCLUDING BURIED HV & OVERHEAD EHV, GAS ETC. SPECIAL CARE TO BE TAKEN AROUND GAS GOVERNOR AND SUBSTATION TO NORTHEAST CORNER OF SITE.
 - DEEP DRAINAGE EXCAVATIONS, RISK OF FALLS, COLLAPSE OF TRENCH OR BATTER, CONFINED SPACES.
 - CONFLICT BETWEEN CONSTRUCTION WORKERS, VISITORS AND GENERAL PUBLIC WITH MOVING PLANT AND VEHICLES.
 - WORKS ADJACENT TO AND WITHIN PUBLIC ADOPTED HIGHWAY. CONFLICT BETWEEN CONSTRUCTION WORKERS/ACTIVITIES AND MOVING VEHICLES.
 - BANKING/ GRADING BETWEEN SITE BOUNDARY AND ADJACENT HIGHWAY STEEP IN PLACES. MEASURES TO BE IMPLEMENTED TO ENSURE WORKERS AND GENERAL PUBLIC ARE SAFE.
 - CARE TO BE TAKEN IN AREAS OF DENSE VEGETATION WHICH MAY CONTAIN HIDDEN OR UNIDENTIFIED RISKS.
- THE ABOVE NOTES REFER SPECIFICALLY TO THE INFORMATION SHOWN ON THIS DRAWING. REFER TO THE HEALTH AND SAFETY PLAN FOR FURTHER INFORMATION.

DRAWING FOR INFORMATION
NOT FOR CONSTRUCTION

T09	REVISED TO ATTENUATE WHOLE SITE	KJJ	KK	03.09.26
T08	PRIVATE DRAINAGE AMENDED	KJJ	KK	22.07.26
T07	AMENDED TO SETTINGS OUT	OCS	JR	09.07.25
T06	REMOVAL OF VISITOR BAY	OCS	LA	14.04.25
T05	CLIENT COMMENTS	OCS	JR	19.03.25
T04	NEW LAYOUT	OCS	JR	18.03.25
T03	AMENDED FOUL CONNECTIONS	OCS	JR	14.02.25
T02	AMENDED OUTFALL PIPE AND CRATES	OCS	JR	06.02.25
T01	TENDER ISSUE	OCS	JR	24.01.25
Rev	Amendments	Drawn	Approved	Date

INGENT
CONSULTING ENGINEERS

IN ASSOCIATION WITH:

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e: mail@barterhill.co.uk

Project
**EAST COURT, EAST GRINSTEAD
CHELMSFORD**

Drawing Title
DRAINAGE LAYOUT

Client
ZMQL LTD

Drawn by
OCS

Designed by
OCS

Approved by
JR TENDER ISSUE

Checked by
JR

Scale
1:125

Date
JANUARY 2025

Drawing No.
10056-BHP-XX-XX-DR-C-1001

Rev.
T09