Permeable Paving
Area: 212 m²
Depth:0.8 m
Void ratio:0.3
Volume: 51 m³

Green Roofs
Total Area: 424 m²

Permeable Paving
Area: 190 m²
Depth:0.8 m
Void ratio:0.3
Volume: 46 m³

Hydro-brake
Discharge flow rate: 2 l/s

Proposed United Utilities Outfall Combined sewer network

AUTUMN STREET

0 1 2 4 6 8 10m

1 : 100

HEALTH AND SAFETY INFORMATION

CONSTRUCTION
THIS DRAWING SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES.

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING;

MAINTENANCE/CLEANING/OPERATION.
MAINTENANCE OF SUDS FEATURES AND THE DRAINAGE SYSTEM SHOULD BE CARRIED OUT IN ACCORDANCE WITH THE CIRIA SUDS MANUAL AND MANUFACTURERS SPECIFICATIONS

DECOMMISSIONING/DEMOLITION.
REFER TO DRAWING FOR EXTENT OF EXISTING SITE DRAINAGE TO BE ABANDONED/REMOVED

NOTES

1. DO NOT SCALE FROM THIS DRAWING. ONLY FIGURED DIMENSIONS ARE TO BE USED.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM UNLESS NOTED OTHERWISE.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
5. ALL FOUL AND SURFACE WATER PIPEWORK TO BE LAID AT MINIMUM GRADIENTS OF 1:40 AND 1:100 RESPECTIVELY UNLESS NOTED OTHERWISE.
6. ALL PIPEWORK TO BE 100mm DIAMETER UNLESS NOTED OTHERWISE.
7. ROCKER PIPES TO BE INSTALLED AT CONNECTION POINTS TO STRUCTURES TO ALLOW FOR MOVEMENT CAUSED BY SETTLEMENT.
8. ALL DRAINAGE IS DESIGNED TO ADOPTABLE STANDARDS WHERE POSSIBLE, AND BUILDING REGULATIONS PART H.

KEY

- RED LINE BOUNDARY
- EXISTING COMBINED SEWER
- EXISTING FOUL WATER SEWER
- EXISTING SURFACE WATER SEWER
- PROPOSED COMBINED WATER SEWER
- PROPOSED FOUL WATER SEWER
- PROPOSED SURFACE WATER SEWER
- PROPOSED PERFORATED PIPE
- PROPOSED FILTER PIPE
- SEWER TO BE REMOVED / ABANDONED
- ATTENUATION TANK
- PERMEABLE PAVING
- RAIN GARDEN
- BLUE / GREEN ROOF
- SS SVP RWP — STUB STACK / SOIL VENT PIPE / RAIN WATER PIPE
- BD — SURFACE WATER BACKDROP
- NRV NRV — FOUL / SURFACE WATER NON RETURN VALVE
- RE RE — FOUL / SURFACE WATER RODDING EYE
- FG G — FLOOR GULLY / ROAD GULLY
- CD — CHANNEL DRAIN
- EXISTING MANHOLE
- COMBINED / FOUL / SURFACE WATER MANHOLE

AC	ACCESS FITTING/CHAMBER	IL	INVERT LEVEL
CL	COVER LEVEL	MH	MANHOLE
C	COMBINED WATER	S	SURFACE WATER
EXT	EXISTING	SL	SOFFIT LEVEL
F	FOUL WATER	TBC	TO BE CONFIRMED
IC	INSPECTION CHAMBER		

REV	DESCRIPTION	DRN	CHK	APP	DATE
P4	REVISED ISSUE	TT	RW	RW	21.11.22
P3	FOR DRAFT ISSUE	TT	RW	RW	18.11.22
P2	FOR DRAFT ISSUE	TT	RW	RW	15.11.22
P1	FOR DRAFT ISSUE	TT	RW	RW	04.11.22

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CLIENT
TIGER DEVELOPMENT LIMITED

PROJECT
CARMOOR ROAD

PRELIMINARY

DRAWING TITLE
PROPOSED DRAINAGE LAYOUT

DATE	SCALES @ A0	DRAWN BY	CHECKED	APPROVED
21.11.2022	1:100	TT	RW	RW

DRAWING NUMBER
P4501205-WW-XX-XX-DR-C-1001

REVISION
P4

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