APPROXIMATE LOCATION OF SOUTHERN WATER PUBLIC FOUL WATER SEWER, CHAMBER REF. 6151.
CL=26.21
IL=24.70
DP=1.51m
INFORMATION TAKEN FROM SEWER RECORDS, NOT VISIBLE ON SURVEY OR FROM WALK OVER.
FURTHER INVESTIGATION REQUIRED

5m SECTION OF GRAVITY PIPEWORK BETWEEN RECEIVING CHAMBER OF RISING MAIN AND PUBLIC SEWER.

PROPOSED NEW CONNECTION TO EXISTING PUBLIC SEWER SUBJECT TO APPROPRIATE SECTION 106 CONNECTION APPLICATION WITH SOUTHERN WATER.

BREAK CHAMBER FOR PUMPED RISING MAIN.

EXISTING MANHOLE ASSUMED TO BE SOUTHERN WATER PUBLIC FOUL WATER SEWER, CHAMBER REF. 6101.
CL=26.43
IL=UNKNOWN
DP=UNKNOWN
INFORMATION TAKEN FROM SEWER RECORDS. POSITION TAKEN FROM TOPOGRAPHICAL SURVEY.

EXISTING MANHOLE ASSUMED TO BE SOUTHERN WATER PUBLIC FOUL WATER SEWER, CHAMBER REF. 6102.
CL=27.91
IL=26.31
DP=1.60m
INFORMATION TAKEN FROM SEWER RECORDS. POSITION TAKEN FROM TOPOGRAPHICAL SURVEY.

EXISTING MANHOLE ASSUMED TO BE SOUTHERN WATER PUBLIC FOUL WATER SEWER, CHAMBER REF. 7101.
CL=28.70
IL=27.09
DP=1.61m
INFORMATION TAKEN FROM SEWER RECORDS. POSITION TAKEN FROM TOPOGRAPHICAL SURVEY.

PROPOSED NEW CONNECTION TO EXISTING PUBLIC SEWER SUBJECT TO APPROPRIATE SECTION 106 CONNECTION APPLICATION WITH SOUTHERN WATER.

DITCH OUTFALL AND DOWN STREAM NETWORK TO BE INVESTIGATED TO DETERMINE IF SURFACE WATER FROM SITE COULD DISCHARGE TO THIS POINT TO REDUCE LENGTH OF RISING MAIN / WORKS TO FURNERS LANE.

SURFACE WATER PUMP LIMITS OFFSITE FLOW RATE TO GREENFIELD QBAR RUN-OFF RATE OF 3.2l/s

BALANCING POND WITH GEOCEULLULAR ATTENUATION TANK BENEATH.

TANK TO BE 14m x 14m x 1m AND SIZED TO STORE THE 1:30 YEAR EVENT.

POND ABOVE PROVIDES THE ADDITIONAL STORAGE UP TO AND INCLUDING THE 1:100 YEAR EVENT WITH A 45% ALLOWANCE FOR CLIMATE CHANGE.

500mm DEEP SWALE.

500mm DEEP SWALE.

PERMEABLE PAVING WITH 400mm LAYER OF GEOCELLULAR ATTENUATION CRATES BENEATH FOR STORAGE.

500mm DEEP SWALE.

HYDROBRAKE LIMITS FLOW RATE TO 1l/s

PERMEABLE PAVING WITH 400mm LAYER OF GEOCELLULAR ATTENUATION CRATES BENEATH FOR STORAGE.

500mm DEEP SWALE.

HYDROBRAKE LIMITS FLOW RATE TO 1l/s

KEY:

PRIVATE DRAINAGE

ALL BELOW GROUND PIPEWORK TO BE 100Ø UNLESS NOTED OTHERWISE

- 150Ø, 1:80 — -SURFACE WATER DRAIN.
- -SURFACE WATER CHAMBER.
- S1 — -SURFACE WATER CATCHPIT CHAMBER.
- CP1
- SPS — -SURFACE WATER PUMPING STATION.
- -PUMPED SURFACE WATER RISING MAIN.
- HB — -HYDRO-BRAKE FLOW CONTROL MANHOLE.
- -PERMEABLE PAVING (TANKED).
- -HEADWALL (INLET / OUTLET)
- -BELOW GROUND GEOLIGHT SURFACE WATER ATTENUATION STORAGE SYSTEM BY SDS (TEL: 01934 751 303).
- -EXCEEDANCE FLOOD ROUTING.
- 150Ø, 1:80 — -FOUL WATER DRAIN.
- F1 — -FOUL WATER CHAMBER.
- FPS — -FOUL WATER PUMPING STATION.
- -PUMPED FOUL WATER RISING MAIN.

EXISTING DRAINAGE

- 150Ø — -SURFACE WATER DRAIN TO REMAIN.
- Ex. — -SURFACE WATER CHAMBER.
- 150Ø — -FOUL WATER DRAIN TO REMAIN.
- Ex. — -FOUL WATER CHAMBER.

0m 5 10 15 20 25m 30 35 40 45 50m
1:500 SCALE

1. DO NOT SCALE THIS DRAWING.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEER'S AND ARCHITECT'S DRAWINGS AND SPECIFICATIONS.

FOR INFORMATION ONLY

Rev	Drwn	Chkd	D.M.Y	Revision notes
P02	MH	MRW	20.09.24	SITE PLAN UPDATED TO LATEST.
P01	MH	MRW	13.09.24	PRELIMINARY ISSUE

Revisions

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Client
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Project
FURNERS LANE, HENFIELD

Drawing Title
DRAINAGE STRATEGY LAYOUT

Status FOR INFORMATION

Scale 1 : 500 @A1 Proj. No. AC23068

Drawing Ref. AC23068-ABS-XX-ZZ-DR-C-5100
Revision P02

THIS DRAWING MUST BE READ AS A COLOUR PRINT

DWG FILE:AC23068-ABS-XX-ZZ-DR-C-5100-P02.dwg

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