ARUN DISTRICT COUNCIL BR/132/21/DOC

Richmond Lodge

The Oaks

FB

DRAIN

Gares wood

Shripney Road

A29 SHRIPNEY ROAD

A29 Shripney Road

SOUTHERN WATER MANHOLE
REF: 8801
CL: 1.510
IL: 0.130
(TAKEN FROM SUMO SURVEYS DRAWING S0R016231 DATED 12/10/19)
CONNECTION SUBJECT TO SOUTHERN WATER S104 APPROVAL

ALLOW FOR NEW CONNECTION INTO EXISTING SOUTHERN WATER SW DRAINAGE

FW-R06
B125 CVR
CL: 1.600 (APPROX)
IL: 0.150

EXSW-MH
CL: 2.330
IL: 0.600

INDICATES PROPOSED OFF-SITE DRAINAGE
REFER TO S104 ADOPTION DRAWINGS FOR DETAILS

INDICATES NEW DRAINAGE IN VERGE SUBJECT TO CONFIRMATION OF LAND OWNERSHIP.
WSCC HIGHWAYS TO CONFIRM

FW-R05
B125 CVR
CL: 1.810(APPROX)
IL: 0.360

EXSW-MH
CL: 2.000
IL: 0.650

EXSW-MH
CL: 1.940
IL: 0.800

VEGETATION TO BE LOCALLY CLEARED TO ALLOW FOR NEW FOUL DRAINAGE

(2.120)

FW-R01
BREAK CHAMBER
B125 CVR
CL: 2.280
IL: 0.830

150Ø@1:80

150Ø@1:100

1.000

1.001

1.002

1.003

FW-R02
B125 CVR
CL: 2.130 (APPROX)
IL: 0.680

FW-R03
B125 CVR
CL: 2.000 (APPROX)
IL: 0.550

FW-R04
B125 CVR
CL: 2.000 (APPROX)
IL: 0.485

INDICATES APPROX LOCATION OF BUND

INDICATES PROPOSED TREES TO BE REMOVED TO ALLOW FOR RISING MAIN
ARCHITECT TO CONFIRM

1500 RISING MAIN @ 1:30
ALLOW FOR MIN 900mm COVER

(2.210)

INDICATES APPROX LOCATION OF FLOOD COMPENSATION ZONE

INDICATES EXISTING LEVELS

AD ELECTRICITY TRANSMISSION LINE

LAGE BUFFER

UBSTATION

FOUL PUMPING STATION - PS-01
PARADIGM ADOPTABLE PUMP STATION
REFER TO PARADIGM PUMP TECHNICAL REPORT FOR FURTHER DETAILS
CL= 2.920
LOWEST INCOMING IL= -1.970

SEE DRAWING SAL-HYD-00-GF-DR-C-7010 FOR CONTINUATION

450Ø@1:400

(2.300)

(2.200)

FG

150Ø@1:150

SW-1002
E600 CVR
CL: 2.925
IL: 0.692

FW-504
E600 CVR
CL: 2.920
IL: -1.709
4.640m DEEP

FW-505
CL: 2.920
IL: -1.820
4.740m DEEP

HAURATON RECYFIX HICAP CHANNEL

2

CVP

EXISTING PUBLIC DRAINAGE

150Ø@1:100 — EXISTING PUBLIC FOUL SEWER

150Ø@1:100 — EXISTING PUBLIC STORM SEWER

PUBLIC AND PRIVATE EXISTING/PROPOSED DRAINAGE

150Ø@1:100 — PROPOSED PUBLIC FOUL SEWER (BY OTHERS) - REFER TO S104 DRAINAGE DRAWING 7600 FOR FULL DETAILS

LEGEND

PROPOSED DRAINAGE - FOUL

100Ø@1:100 — FOUL WATER DRAIN - **CLAY**
Approx. gradient and diameter as noted, 100mm Ø UNO

FW-01 — FOUL WATER MANHOLE
PC Ring REFER TO DETAILS FOR MANHOLE DIAMETER

FW-01 — FOUL WATER INSPECTION CHAMBER
PVCu 450mm Ø. Max 1.2m depth - reduced access to 3.0m

Note: All internal foul MH's and IC's to have recessed covers. double sealed and locking to prevent odours. Refer to layout for location.

SAC — FOUL WATER SHALLOW ACCESS CHAMBER
Max depth to invert 600mm from GL, 300mm Ø

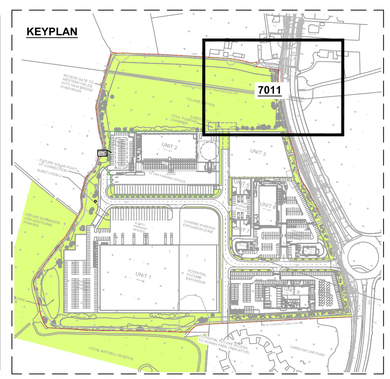
RE — FOUL RODDING EYE
Ø as noted

YG — FOUL YARD GULLY (to be trapped)
Gully reference as noted on drawing.
Cover grade to suit loading.

FD — FLOOR DRAIN (to be trapped)
Internal use only, refer to architect for details / specification.
Roddable from above slab into standard (01) fitting.
Floor Drain / Gully to be kept charged to avoid odours.

01 & 01A — FOUL OUTLET / STACK POSITION
Shown indicative, refer to architect for setting out.
All branches 100mm Ø UNO.
01 - Outlet connects into standard 90° rest bend.
01A - Indicates access required in above slab plumbing for rodding, refer to service engineers drawings for details.
SVP - Indicates soil vent pipe by service engineer: with access.

KEYPLAN



NOTES

1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
2. The DWG file is issued for the purposes of coordination only and do not represent formal drawing issue and are not to be reprinted in any form. Formal issue of drawings is via DWF, Adobe PDF files and/or hard copies and their associated information issue sheets.
3. Note that all care has been taken with the export of DWG files and their content, but we recommend that you make due dimensional checks before using any DWG file information. Any errors found are to be reported to Hydrock immediately.
4. Levels shown in metres above Ordnance Datum (mAOD).
5. All private drainage to comply with current Building Regulations, BS EN-752 Drain and Sewer systems outside Buildings and other relevant British Standards and Codes of Practices.
6. All external drainage within trafficked areas with less than 1.2m cover to have type Z concrete bed and surround. All external drainage within landscaped areas with cover less than 0.6m to have type Z concrete bed and surround, All drainage with greater cover than the minimum required to have type S bed and surround.
7. All drainage to be laid soffit to soffit unless otherwise shown.
8. The Contractor is to verify the line, level and diameter of existing sewers before commencing drainage works.
9. All foul drainage to be minimum 150mm diameter, all surface water drainage to be minimum 100mm diameter unless otherwise shown.
10. Cover levels shown on this drawing refer to approximate surface levels. It is the contractors responsibility to ensure that access covers and frames are set at the final surface levels.
11. Where possible the contractor is to orientate manhole biscuits and covers to locate them parallel to kerbs and paving.
12. The Contractor should comply with hs(g) 47 "Avoiding Danger from Underground Services" when excavating around existing services.
13. It is the contractors responsibility to determine the location and depth of all existing services, mains and cables prior to construction.
14. Contractor to provide temporary screens in each of the down stream manholes during the construction period of the development in accordance with SFA 2.5.10 and the local sewerage undertakers requirements.
15. All in-situ concrete and precast concrete components to be manufactured using Sulphate Resisting Portland Cement, (SRPC) to BS 4027. If ground water sulphate class is found to be greater than DS-1 to BRE SD1:2005.
16. All ironwork to be kite marked by BSI or certified by equal inspection authority.
17. All redundant connections to be capped off and grouted from the down stream manhole.
18. All new drainage pipes to be jetted, CCTV surveyed with DVD recording and any defects highlighted to the supervising officer. Following the rectification of any defects, the drain is to be re-surveyed with CCTV and the recordings made available to the project manager/engineer.
19. Prior to commencing the works the contractor is to confirm details of the existing drainage system as noted on the drawing.
20. Prior to commencing the works the contractor is to undertake the drainage investigation work as noted on the drawing.

C04	ISSUED FOR CONSTRUCTION					
	J.SHIMMIN	28.06.21	D.GALLIMORE	28.06.21	M. GRIFFIN	28.06.21
C03	ISSUED FOR CONSTRUCTION					
	D. GALLIIMORE	29/03/21	D.GALLIMORE	29/03/21	M. GRIFFIN	29/03/21
C02	ISSUED FOR CONSTRUCTION					
	D. GALLIIMORE	03/02/21	D.GALLIMORE	24/07/20	M. GRIFFIN	24/07/20
C01	ISSUED FOR CONSTRUCTION					
	D. GALLIIMORE	24/07/20	D.GALLIMORE	24/07/20	M. GRIFFIN	24/07/20
P02	ISSUED FOR CONTRACT					
	R.HUNT	13/03/20	D.GALLIMORE	13/03/20	M. GRIFFIN	13/03/20
P01	TENDER ISSUE					
	D. GALLIMORE	13/12/19	D. GALLIMORE	13/12/19	M. GRIFFIN	13/12/19

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CLIENT
LANDLINK ESTATES

PROJECT
SALTBOX
BOGNOR REGIS

TITLE
UNIT 2 DRAINAGE LAYOUT
SHEET 2

HYDROCK PROJECT NO.	SCALE @ A1
C-13319-C	1:250

STATUS DESCRIPTION	STATUS
CONSTRUCTION	A

DRAWING NO. (PROJECT CODE-ORGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)
SAL-HYD-PH1-ZZ-DR-C-7011

REVISION
C04