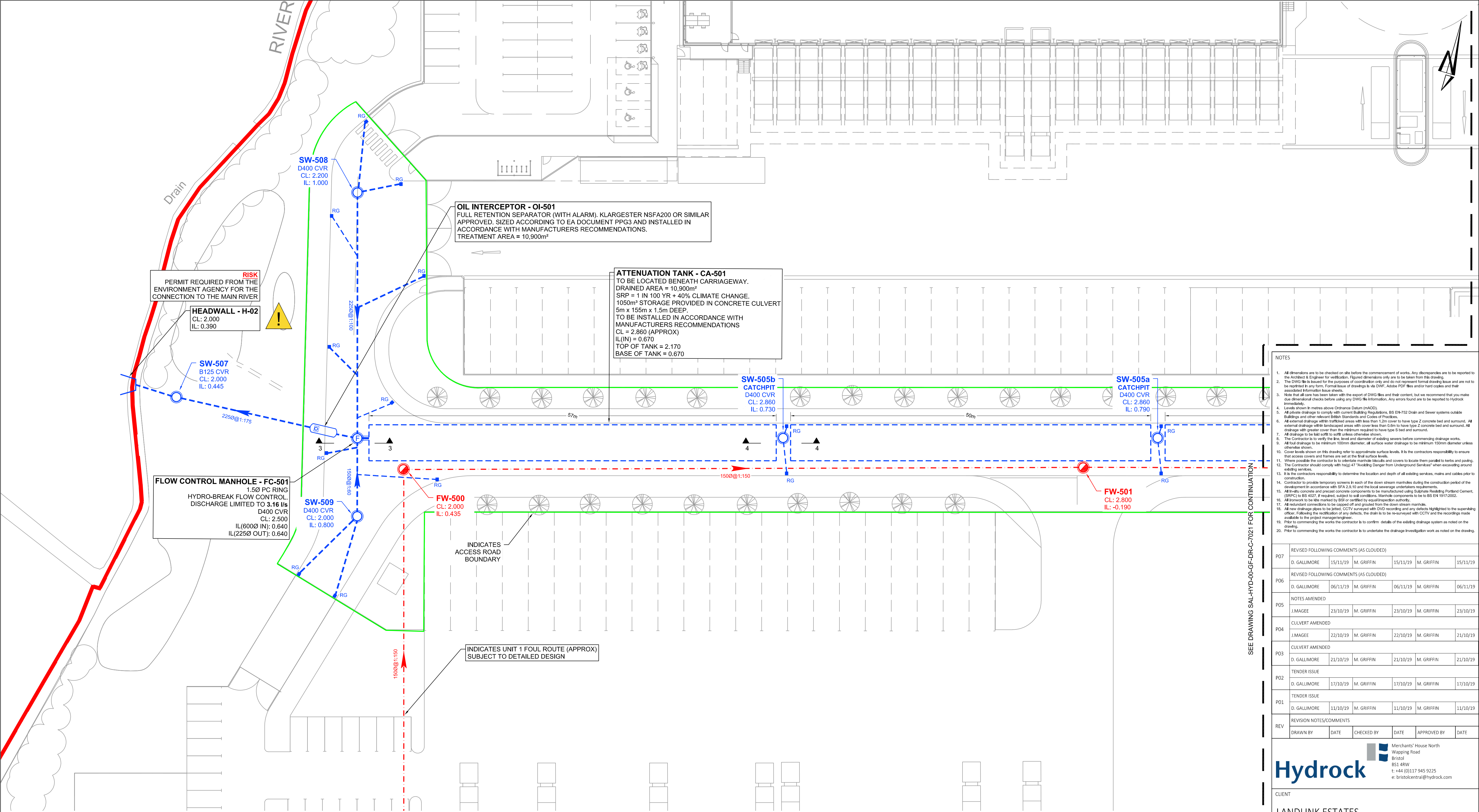




LEGEND
PROPOSED DRAINAGE - FOUL

1000@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 (Ø1) 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.

PROPOSED DRAINAGE - STORM

1500@1:100

STORM WATER DRAIN - CLAY

Approx. gradient and diameter as noted, 150mm Ø UNO

SW-01

STORM WATER MANHOLE

PC Ring REFER TO DETAILS FOR MANHOLE DIAMETER

SW-01

STORM WATER INSPECTION CHAMBER

PVCu 450mm Ø. Max 1.2m depth - reduced access to 3.0m

RE

STORM RODDING EYE

Ø as noted

SILT TRAP

CONCRETE ENCASEMENT TO PIPE

Refer to limits of cover table drawing 7101

RAIN WATER OUTLET

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.

AG

RAIN WATER OUTLET ACCESS GULLY

AG - Outlet connects to gully.

RG

ROAD GULLY (to be trapped)

YG

YARD GULLY (to be trapped)

PG

PAVED AREA GULLY (to be trapped)

DC

DRAINAGE CHANNEL

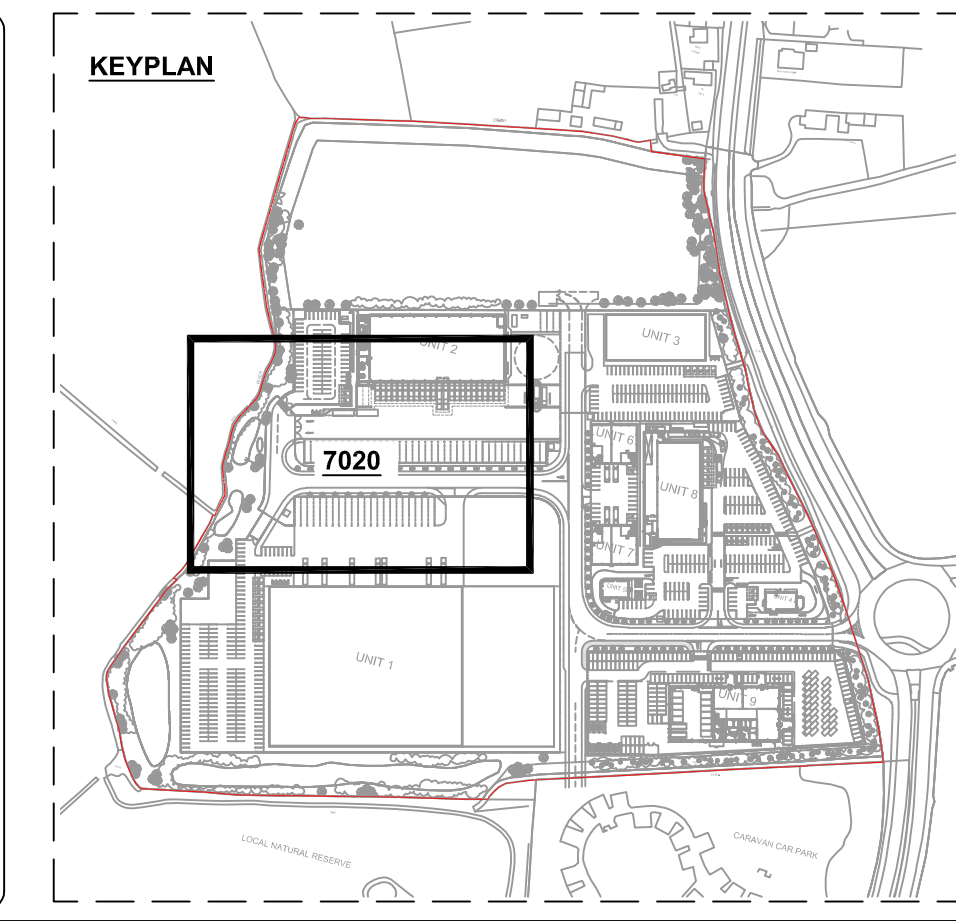
(Refer to layout for specification)

TH

THRESHOLD DRAINAGE CHANNEL

(Refer to architect for details / specification)

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.



NOTES

- 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. Figure dimensions only are to be taken from this drawing.
- The DWG file is issued for the purposes of coordination only and does not represent formal drawing issue and are not to be repeated in any form. Formal issue of drawings is by DWG, Adobe PDF files and/or hard copies and their associated information sheets.
- Note that all care has been taken with the issue of DWG files and their content, but we recommend that you make due diligence checks before using any DWG file information. Any errors found are to be reported to Hydrock immediately.
- Levels shown in metres above Ordnance Datum (mAOD).
- 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 Practice.
- All external drainage within hatched areas with less than 1.2m cover to have type Z concrete bed and surround. All external drainage within hatched 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.
- All drainage to be laid with a fall unless otherwise shown.
- The Contractor is to verify the line, level and diameter of existing sewers before commencing drainage works.
- All foul drainage to be minimum 100mm diameter, all surface water drainage to be minimum 150mm diameter unless otherwise shown.
- Cover levels shown on this drawing refer to approximate surface levels. It is the contractor responsibility to ensure that access covers and frames are set at the final surface levels.
- Where possible the contractor is to orientate manhole blocks and covers to locate them parallel to kerbs and parking.
- The Contractor should comply with HSE H47 'Avoiding Danger from Underground Services' when excavating around existing services.
- It is the contractors responsibility to determine the location and depth of all existing services, mains and cables prior to construction.
- Contractor to provide temporary screens in each of the down stream manholes during the construction period of the development in accordance with SFA 2.9.10 and the local sewerage undertakers requirements.
- All ready concrete and precast concrete components to be manufactured using Substrate-Building Portland Cement (SPC) to BS 4027. If required, subject to soil conditions. Manhole components to be to BS EN 1917:2002.
- All new work to be marked by BS or certified by visual inspection authority.
- All redundant connections to be capped off and grouted from the down stream manhole.
- All new drainage does to be tested. 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 management team.
- Prior to commencing the works the contractor is to confirm details of the existing drainage system as noted on the drawing.
- Prior to commencing the works the contractor is to undertake the drainage investigation work as noted on the drawing.

P07	REVISED FOLLOWING COMMENTS (AS CLOUDED)	D. GALLIMORE	15/11/19	M. GRIFFIN	15/11/19	M. GRIFFIN	15/11/19
P06	REVISED FOLLOWING COMMENTS (AS CLOUDED)	D. GALLIMORE	06/11/19	M. GRIFFIN	06/11/19	M. GRIFFIN	06/11/19
P05	NOTES AMENDED	J. MAGEE	23/10/19	M. GRIFFIN	23/10/19	M. GRIFFIN	23/10/19
P04	CULVERT AMENDED	J. MAGEE	22/10/19	M. GRIFFIN	22/10/19	M. GRIFFIN	21/10/19
P03	CULVERT AMENDED	D. GALLIMORE	21/10/19	M. GRIFFIN	21/10/19	M. GRIFFIN	21/10/19
P02	TENDER ISSUE	D. GALLIMORE	17/10/19	M. GRIFFIN	17/10/19	M. GRIFFIN	17/10/19
P01	TENDER ISSUE	D. GALLIMORE	11/10/19	M. GRIFFIN	11/10/19	M. GRIFFIN	11/10/19
REV	REVISION NOTES/COMMENTS	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE

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CLIENT

LANDLINK ESTATES

PROJECT

SALTBOX
BOGNOR REGIS

TITLE

ACCESS ROAD DRAINAGE LAYOUT
SHEET 1

HYDROCK PROJECT NO.

C-13319-C

SCALE @ A1

1:250

STATUS DESCRIPTION

TENDER

STATUS

D2

DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)

SAL-HYD-00-ZZ-DR-C-7020

REVISION

P07