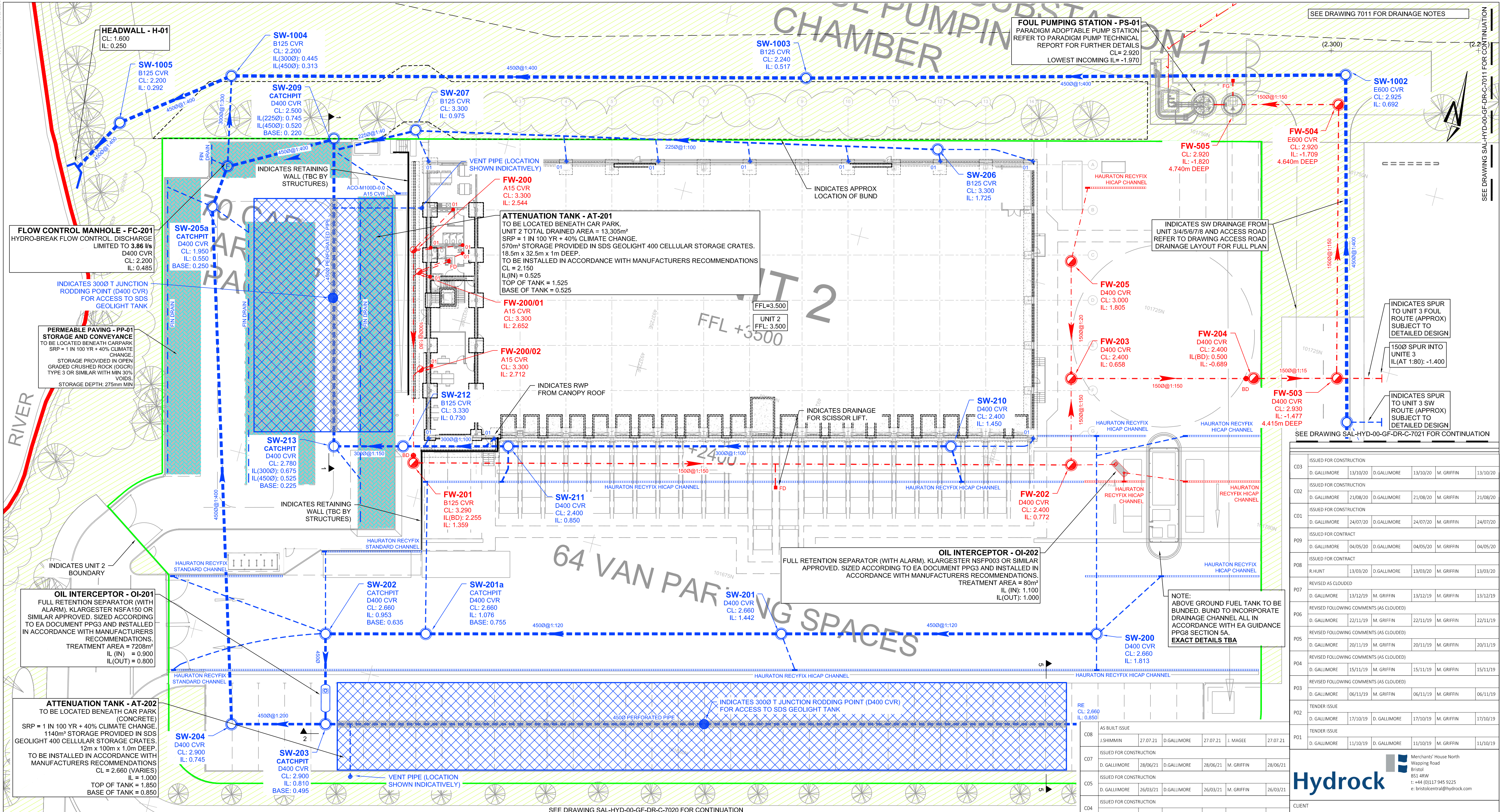


8. APPENDIX B - HYDROCK AS-BUILTS (JULY)



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 MH DIAMETER

SW-01

STORM WATER INSPECTION CHAMBER
PVCu 450mm Ø. Max 1.2m depth - reduced access to 3.0m

STORM RODDING EYE
Ø as noted

SILT TRAP

01 & 01A

CONCRETE ENCASUREMENT 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

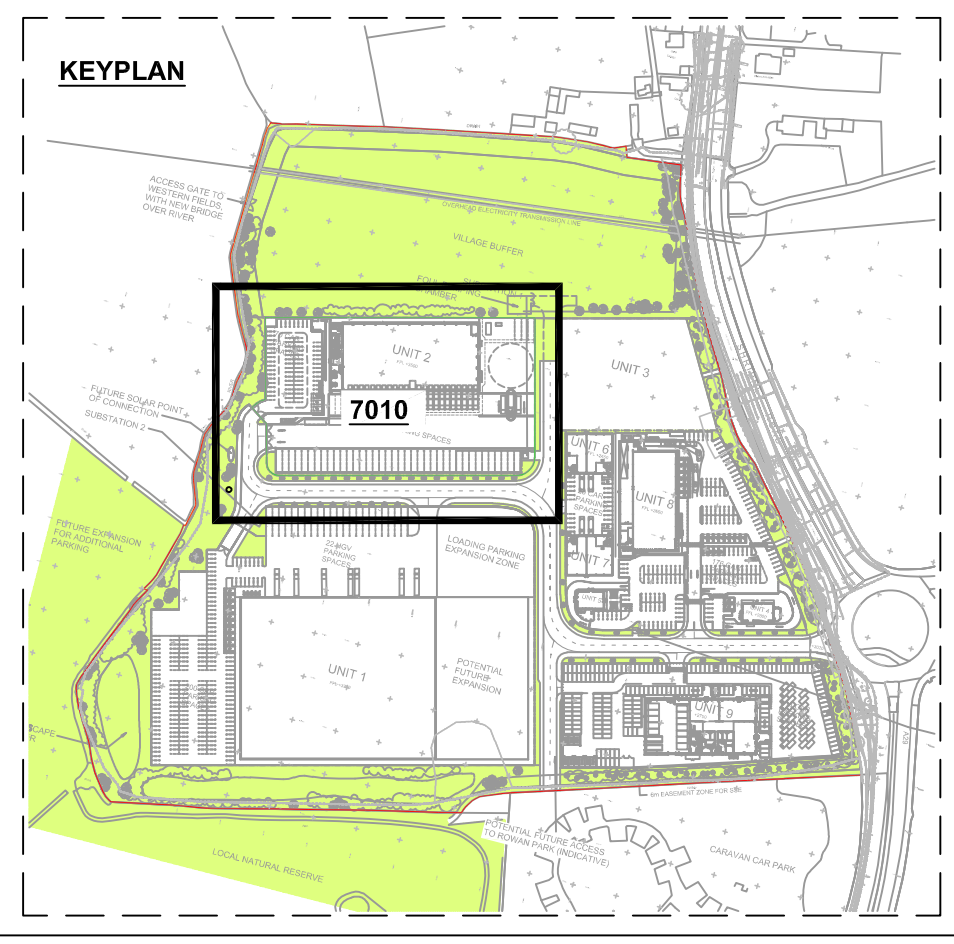
THRESHOLD DRAINAGE CHANNEL
(Refer to architect for details / specification)

FIN DRAIN

Refer to details for specifications)
all pipes to be 1500 UNO

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.

Note: All connections not made to manholes to be connected via oblique 45 degree junctions with the incoming connecting pipe positioned at 10 or 2 o'clock in section



ISSUED FOR CONSTRUCTION					
C03	D. GALLIMORE	13/10/20	D. GALLIMORE	13/10/20	M. GRIFFIN
ISSUED FOR CONSTRUCTION					
C02	D. GALLIMORE	21/08/20	D. GALLIMORE	21/08/20	M. GRIFFIN
ISSUED FOR CONSTRUCTION					
C01	D. GALLIMORE	24/07/20	D. GALLIMORE	24/07/20	M. GRIFFIN
ISSUED FOR CONTRACT					
P09	D. GALLIMORE	04/05/20	D. GALLIMORE	04/05/20	M. GRIFFIN
ISSUED FOR CONTRACT					
P08	R. HUNT	13/03/20	D. GALLIMORE	13/03/20	M. GRIFFIN
REVISED AS CLOUDED					
P07	D. GALLIMORE	13/12/19	M. GRIFFIN	13/12/19	M. GRIFFIN
REVISED FOLLOWING COMMENTS (AS CLOUDED)					
P06	D. GALLIMORE	22/11/19	M. GRIFFIN	22/11/19	M. GRIFFIN
REVISED FOLLOWING COMMENTS (AS CLOUDED)					
P05	D. GALLIMORE	20/11/19	M. GRIFFIN	20/11/19	M. GRIFFIN
REVISED FOLLOWING COMMENTS (AS CLOUDED)					
P04	D. GALLIMORE	15/11/19	M. GRIFFIN	15/11/19	M. GRIFFIN
REVISED FOLLOWING COMMENTS (AS CLOUDED)					
P03	D. GALLIMORE	06/11/19	M. GRIFFIN	06/11/19	M. GRIFFIN
TENDER ISSUE					
P02	D. GALLIMORE	17/10/19	D. GALLIMORE	17/10/19	M. GRIFFIN
TENDER ISSUE					
P01	D. GALLIMORE	11/10/19	D. GALLIMORE	11/10/19	M. GRIFFIN

Hydrock

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CLIENT

LANDLINK ESTATES

PROJECT

SALTBOX
BOGNOR REGIS

TITLE

UNIT 2 DRAINAGE LAYOUT
SHEET 1

HYDROCK PROJECT NO.
C-13319-C

SCALE @ A1
1:250

STATUS DESCRIPTION

AS BUILT ISSUE

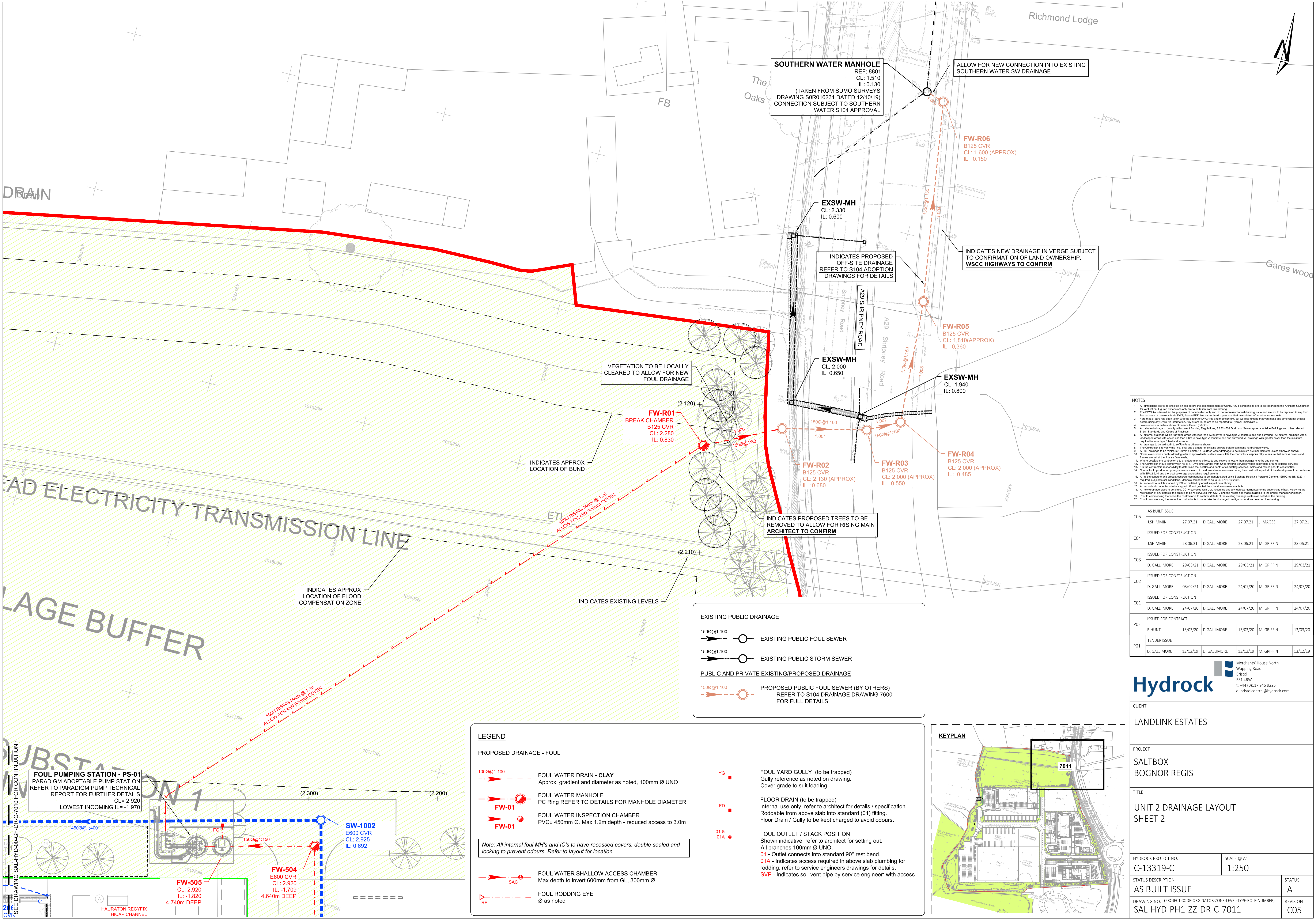
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)
SAL-HYD-PH1-ZZ-DR-C-7010

STATUS

A

REVISION

C08



- 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. Figure dimensions only are to be taken from this drawing.
 2. The DWG file is issued for the purposes of coordination only and does not represent formal drawing issue and are not to be reprinted in any form. Formal issue of drawings is via DWG, Adobe PDF, Revit and/or hard copies and their associated information issue sheets.
 3. Note that all care has been taken with the support of DWG files and their content, but we recommend that you make due dimensional checks before using any DWG file for information. Any errors found are to be reported to Hydrock immediately.
 4. Levels shown in meters above Ordnance Datum (MAD).
 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 Practice.
 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 1.0m 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 with a fall with to suit 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 100mm diameter. All surface water drainage to be minimum 100mm diameter unless otherwise shown.
 10. Cover levels shown on this drawing refer to appropriate surface levels. It is the contractors responsibility to ensure that access covers and frames are used at the final surface levels.
 11. Where possible the contractor is to coordinate separate details and covers to locate them parallel to walls and paving.
 12. The Contractor should comply with HSE's "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 cover stream manholes during the construction period of the development in accordance with BS 5833:10 and the local planning authorities requirements.
 15. All in situ concrete and precast concrete components to be manufactured using Substrate Reinforcing Portland Cement (SRPC) to BS 4027. If required, subject to local conditions. Manhole components to be to BS EN 12128:2002.
 16. All in situ concrete to be marked by BS or certified to equal inspection authority.
 17. All structural components to be supported and propped from the above stream manholes.
 18. All new drainage shall be placed, laid & covered with DWD recording and any details highlighted to the supervising officer. Following the notification of any defects, the drain is to be re-inspected with CCTV and the recordings made available to the project management team.
 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.

C05	AS BUILT ISSUE					
	J.SHIMMIN	27.07.21	D.GALLIMORE	27.07.21	J. MAGEE	27.07.21
C04	ISSUED FOR CONSTRUCTION					
	J.SHIMMIN	28.06.21	D.GALLIMORE	28.06.21	M. GRIFFIN	28.06.21
C03	ISSUED FOR CONSTRUCTION					
	D. GALLIMORE	29/03/21	D.GALLIMORE	29/03/21	M. GRIFFIN	29/03/21
C02	ISSUED FOR CONSTRUCTION					
	D. GALLIMORE	03/02/21	D.GALLIMORE	24/07/20	M. GRIFFIN	24/07/20
C01	ISSUED FOR CONSTRUCTION					
	D. GALLIMORE	24/07/20	D.GALLIMORE	24/07/20	M. GRIFFIN	24/07/20
PO2	ISSUED FOR CONTRACT					
	R.HUNT	13/03/20	D.GALLIMORE	13/03/20	M. GRIFFIN	13/03/20
PO1	TENDER ISSUE					
	D. GALLIMORE	13/12/19	D. GALLIMORE	13/12/19	M. GRIFFIN	13/12/19

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e: bristolcentral@hydrock.com

CLIENT			LANDLINK ESTATES		
PROJECT					
SALTBOX BOGNOR REGIS					
TITLE					
UNIT 2 DRAINAGE LAYOUT SHEET 2					
HYDROCK PROJECT NO. C-13319-C			SCALE @ A1 1:250		
STATUS DESCRIPTION AS BUILT ISSUE				STATUS A	
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) SAL-HYD-PH1-ZZ-DR-C-7011				REVISION C05	

C07	AS BUILT ISSUE					
	O. DAVIS	22/07/21	D.GALLIMORE	22/07/21	D.GALLIMORE	22/07/21
C06	HEALTH AND SAFETY FILE ISSUE					
	J.SHIMMIN	28/06/21	D.GALLIMORE	28/06/21	M. GRIFFIN	26/06/21
C05	HEALTH AND SAFETY FILE ISSUE					
	J.SHIMMIN	10/06/21	D.GALLIMORE	10/06/21	M. GRIFFIN	10/06/21
C04	GULLIES REVISED/ADDED FOLLOWING LEVELS REVIEW.					
	D. GALLIMORE	16/12/20	D.GALLIMORE	16/12/20	M. GRIFFIN	16/12/20
C03	GULLIES REVISED/ADDED FOLLOWING LEVELS REVIEW.					
	D. GALLIMORE	13/10/20	D.GALLIMORE	13/10/20	M. GRIFFIN	13/10/20
C02	GULLIES REVISED/ADDED FOLLOWING LEVELS REVIEW.					
	D. GALLIMORE	11/08/20	D.GALLIMORE	11/08/20	M. GRIFFIN	11/08/20
C01	ISSUED FOR CONSTRUCTION					
	D. GALLIMORE	24/07/20	D.GALLIMORE	24/07/20	M. GRIFFIN	24/07/20
P12	ISSUED FOR CONTRACT					
	D. GALLIMORE	04/05/20	D.GALLIMORE	04/05/20	M. GRIFFIN	04/05/20
P11	ISSUED FOR CONTRACT					
	R.HUNT	13/03/20	D.GALLIMORE	13/03/20	M. GRIFFIN	13/03/20
P10	REVISED AS CLOUDED					
	D. GALLIMORE	25/02/20	M. GRIFFIN	25/02/20	M. GRIFFIN	25/02/20
P09	REVISED AS CLOUDED					
	D. GALLIMORE	13/12/19	M. GRIFFIN	13/12/19	M. GRIFFIN	13/12/19
P08	REVISED FOLLOWING COMMENTS (AS CLOUDED)					
	D. GALLIMORE	20/11/19	M. GRIFFIN	20/11/19	M. GRIFFIN	20/11/19
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
REV	REVISION NOTES/COMMENTS					
	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE

SEE DRAWING SAL-HYD-00-GF-DR-C-7021 FOR CONTINUATION

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.

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 SW MH's and IC's to have recessed covers, double sealed and locking to prevent odours. Refer to layout for location.

Note: All connections not made to manholes to be connected via oblique 45 degree junctions with the incoming connecting pipe positioned at 10 or 2 o'clock in section

[illegible]

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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 AS BUILT ISSUE		STATUS A1	
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) SAL-HYD-PH1-ZZ-DR-C-7020		REVISION C07	