



Salt Box, Bognor Regis

Phase 2 - Unit 4-8

Operation and Maintenance
Drainage

For LandLink Estates

Date: 8 December 2021

Doc ref: SAL-HYD-PH2-ZZ-RP-C-0021

DOCUMENT CONTROL SHEET

Issued by	Hydrock Consultants Limited Merchants House North Wapping Road Bristol BS1 4RW United Kingdom	 www.hydrock.com
Client	LandLink Estates	
Project name	Salt Box, Bognor Regis	
Title	Phase 2 - Unit 4-8 Operation and Maintenance Drainage	
Doc ref	SAL-HYD-PH2-ZZ-RP-C-0021	
Project no.	C-13319	
Status	S2	
Date	08/12/2021	

Document Production Record		
Issue Number	05	Name
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Checked by	Mike Griffin	
Approved by	Mike Griffin	

Document Revision Record			
Issue Number	Status	Date	Revision Details
01	S2	21/02/2020	Issued for planning
02	S2	20/05/2020	Updated to suit Arun LLFA comments
03	S2	28/06/2021	Issued for planning
04	S2	12/11/2021	Drawings Updated
05	S2	08/12/2021	O&M Table Updated

Hydrock Consultants Limited has prepared this report in accordance with the instructions of the above named client for their sole and specific use. Any third parties who may use the information contained herein do so at their own risk.

Introduction

The key elements of the surface water system will require periodic maintenance to prevent failure of the system and/or a reduction in capacity of the networks as a whole and the following matrix therefore sets out the various drainage items to be maintained, identifies whose is responsible and the frequency of maintenance.

The drainage within the development will be maintained privately by a management company appointed by the owner / occupier as follows:

Unit 4-8

The occupier (ALDI/GREGGS/STARBUCKS) will have direct responsibility for the maintenance and repair of the foul and surface water drainage system within their site boundary including ensuring compliance with any regulatory requirement with regards to the quality of surface water discharge.

Site Wide Drainage (inc Estate Road)

Management of the site wide drainage is the overall responsibility of the Landlords. The overall estate will be owned & managed by a management company who will be funded by the landlord. The management Company will derive income from the service charge obligations placed on the tenants on a due proportion basis.

Maintenance of the Estate Road drainage will be the responsibility of the Landlords as noted above.

Drainage Strategy Summary

0.1 Surface Water

The surface water drainage for the wider development has been split into 3 no. networks. This Operation and Maintenance document relates to Surface Water Network 1 for Units 4 - 8.

Surface Water Network

Unit 4-8 surface water run-off is collected by way of drainage channels, gullies, Rain Water Pipes and Permeable Paving (Car Park). Run-off from the car park is treated by a Full Retention Oil Interceptor OI-401. The roof of the building is collected by rain water pipes.

The car park is drained by way of porous paving located in the bays. Each 'strip' of porous paving has a filter drain along its length which collects run-off which permeates through the sub-base before it is discharged into the below ground drainage system. Some attenuation storage will be provided within the sub-base of the permeable paving areas.

In order to achieve the permitted discharge rates, flows have been restricted by a HydroBrake flow control at FC-401 and attenuation provided in cellular storage tank located beneath the car park.

Unit 4-8 will connect into the phase 1 estate road drainage (refer to phase 1 reports for details of network 1).

Drainage Strategy Performance Criteria (both networks)

The surface water drainage for both Units 4- 8 has been designed to ensure that:

- No flooding will occur during the 1 in 100-year rainfall event in any part of the building, or in any utility plant susceptible to water.
- Surface water for the 100-year rainfall event is contained within each catchment boundary.
- An allowance for 40% climate change is applied to the 100-year rainfall event and incorporated into the surface water drainage design in accordance with local and national planning policy.

The surface water drainage network has been modelled to take into consideration the effects surcharge should an extreme storm event occur at the same time as high flood levels from the adjacent water course.

The 100 year plus 45% climate change fluvial flood level of **1.85 mAOD** has specified at the outfall of each network and rainfall simulated for all storm events up to and including the 100 year plus 40% climate change.

Should rainfall exceed the 1 in 100-year storm event or the system failure through lack of maintenance, surface water run-off is to be directed via designated exceedance routes away buildings and/or critical infrastructure.

0.2 Foul Water

Foul water drainage from Units 4-8 will discharge into a new sewer located within the estate roads. Flows will be directed towards the north of the development where they will then be pumped from a new foul pumping station offsite via a rising main into the Southern Water Foul Sewer at Manhole ref 8801 to the north east in Shripney Road.

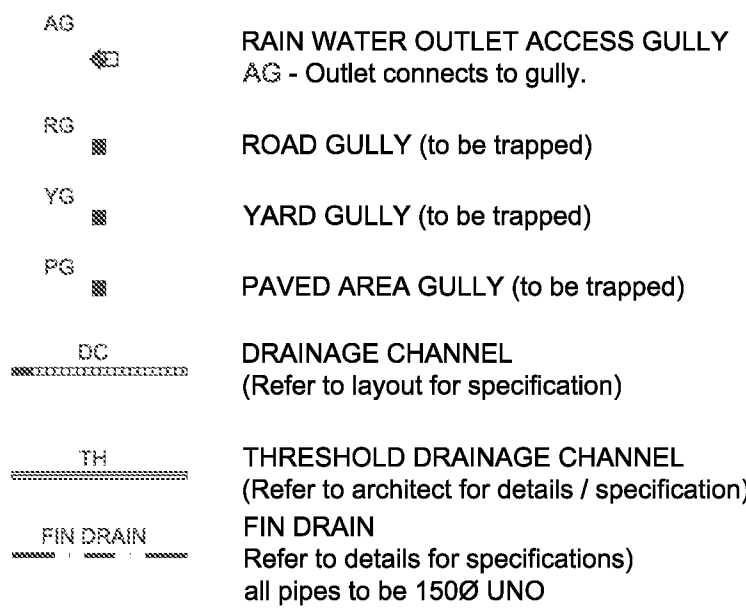
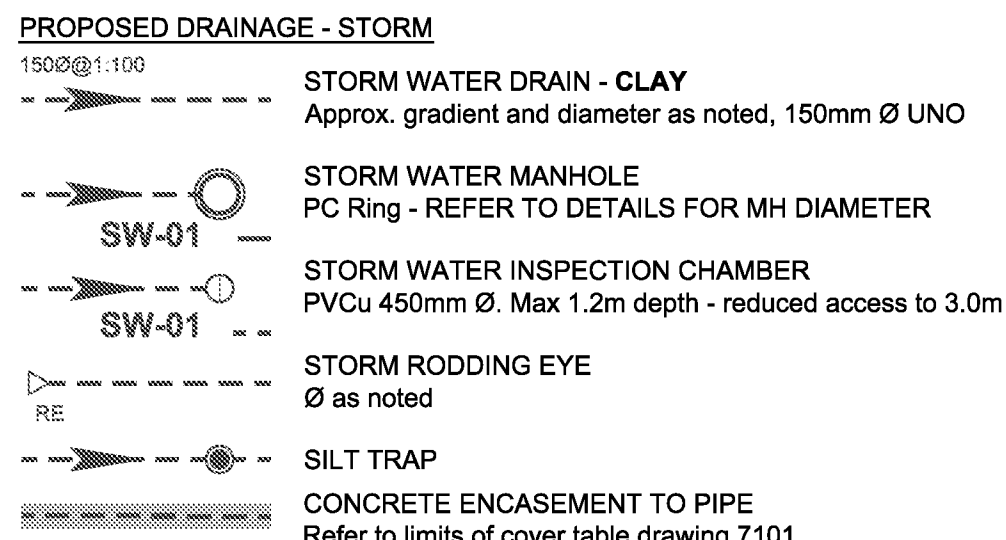
Annexure 5: Maintenance Responsibility Matrix

Responsibility	Feature	Maintenance	Frequency
Owner / Occupier Appointed Management Company	Private Drains	Inspection	CCTV survey every 5-10 years.
		Regular Maintenance	Jet clean system fully every 5-10 years. (Recommend prior to CCTV drainage survey is)
		Remedial / Occasional Maintenance	Carry out remedial works as identified in CCTV survey.
	Outfall pipes, non-return pipe flaps, and anti-scour mat flow channel	Inspection	Quarterly
		Regular Maintenance	Remove silt and debris as necessary to prevent build up.
		Remedial / Occasional Maintenance	Damage to pipes and headwall to be repaired as necessary
	Discharge orifice manholes/flow control devices	Inspection	Monthly
		Regular Maintenance	Remove silt and debris as necessary to prevent build up.
		Remedial / Occasional Maintenance	Damage to orifice manholes/flow control devices to be repaired as necessary
	Gullys / Drainage Channels	Inspection	Quarterly
		Regular Maintenance	Remove silt and debris as necessary to prevent build up.
		Remedial / Occasional Maintenance	Damage to Gullys / Drainage Channels to be repaired as necessary
	Permeable Paving (Refer to specialist)	Inspection	Within 3 months of installation then every 6 months
		Regular Maintenance	Sweep surface to remove debris and contamination 1-2 times a year, and typically after leaf fall in autumn.
		Occasional Maintenance	Removal of weeds. As required.
		Remedial Measures	Remediate areas of rutting and depressions. As required. Replace broken / damaged blocks. As required. Rehabilitate surface with sweeping and reapplication of clean gritstone. As required.
	Attenuation tank	Inspection	Annually
		Occasional Maintenance	Remove silt and debris as necessary to prevent build up.
		Remedial Measures	Damage to Attenuation tank to be repaired as necessary.
	Catchpits	Inspection	Every 6 months
		Occasional Maintenance	Remove silt and debris as necessary to prevent build up.
		Remedial Measures	Damage to catchpits to be repaired as necessary.

	Manhole / Catchpits and downstream private drains: • MH401	Inspection	Every month for a 24-month period or until construction works have been completed, whichever is later. Revert to 6 monthly thereafter should monthly inspections prove unnecessary in the context of good estate management.
	Oil Interceptor	Inspection	Monthly
		Regular Maintenance	Jet clean system fully every 5-10 years. (Recommend prior to CCTV drainage survey)
		Remedial / Occasional Maintenance	Carry out remedial works as identified in CCTV survey.
	In addition to the above, the following is a list of tasks associated with the maintenance of an Interceptor. This should be read in conjunction with the manufacturers own specific maintenance requirements and only carried out by a fully trained operative. • Inspect the integrity of the separator and all mechanical parts. • Inspect all filters and replace or repair as required. • Assess the amount of collected contaminants (oil and fuel) and silt. • Service any electrical systems including volume alarms and any interceptor management systems. • Conduct safe silt/contaminant removal in accordance with waste transit and disposal regulations. • Maintain industry standard documentation. Maintain logs of inspections, maintenance, incidents, services and contaminant removal. Interceptor Alarms: Each interceptor will have a visual alarm indicator local to the interceptor as well as an alarm (visual or audible) linked either back to the adjacent building if maintenance responsibility resides with the tenant or to a remote supervisory point when maintenance responsibility resides with the estate management team. Alarm sounds to inform to take corrective action ensuring the safe and economic operation of separators preventing oil passing through the separator. When alarm sounds, empty tank as necessary. Factory trained engineers are available for site visits as part of a planned maintenance contract or on a one-off call out basis.		
	Reference should be made to the manufacturer recommendations where applicable		

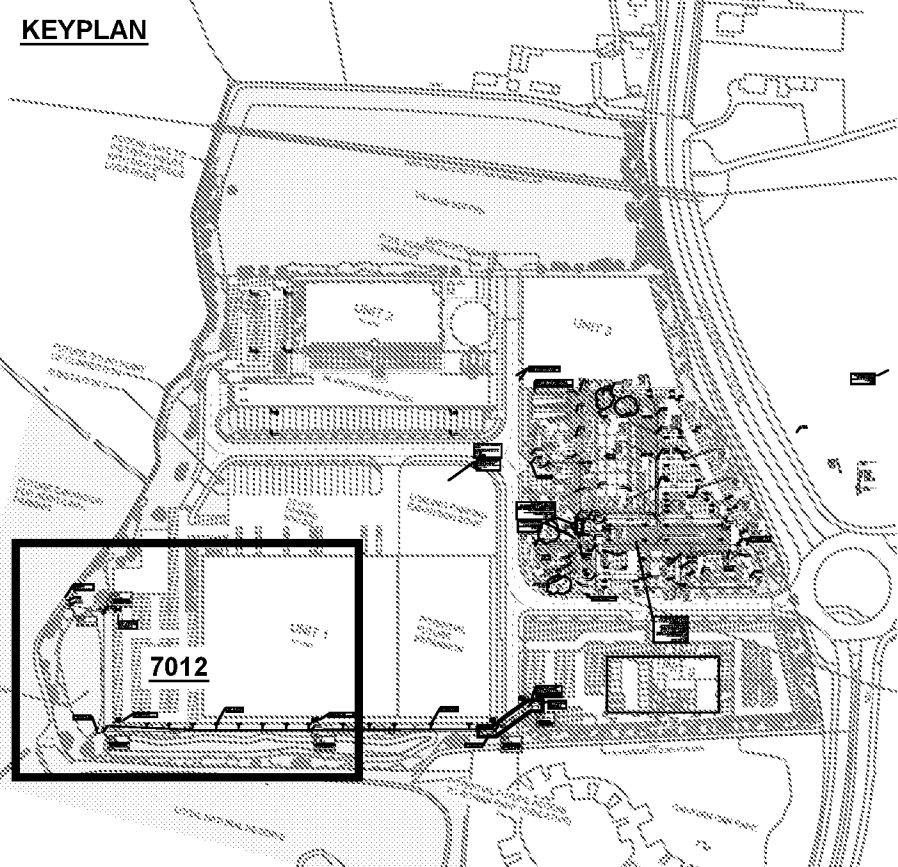
Appendix A Drainage Layouts

- SAL-HYD-PH2-ZZ-DR-C-7010 Phase 2 Drainage layout Sheet 1
- SAL-HYD-PH2-ZZ-DR-C-7011 Phase 2 Drainage layout Sheet 2
- SAL-HYD-PH2-ZZ-DR-C-7012 Phase 2 Drainage layout Sheet 3

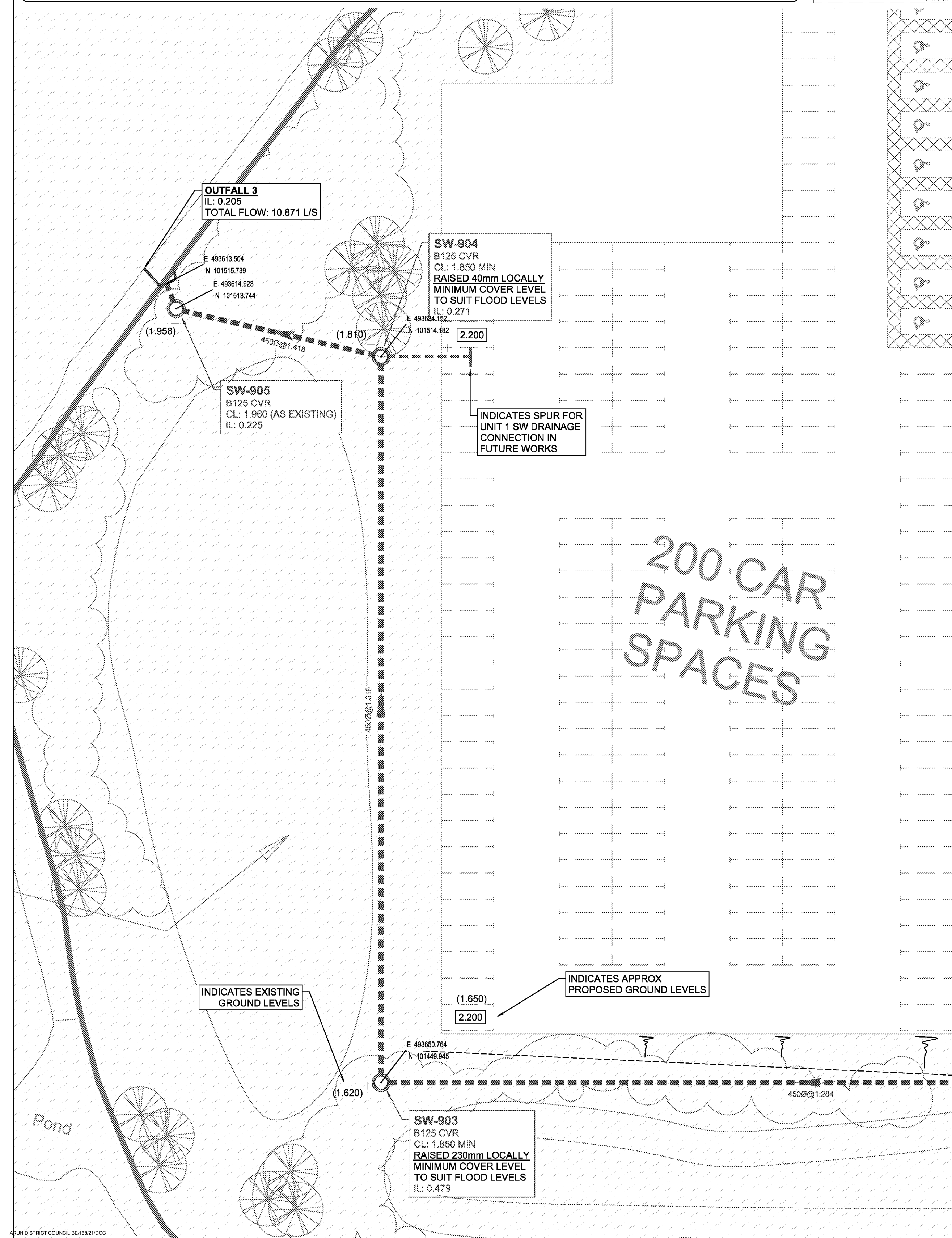
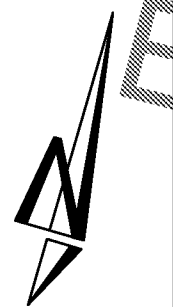
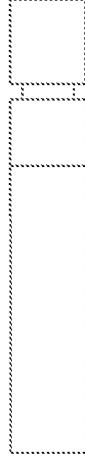
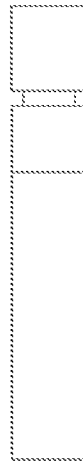


Note: All internal foul MH's and IC's to have recessed covers. double sealed and locking to prevent odours. Refer to layout for location.

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



22 HGV
PARKING
SPACES



INDICATES BANKING
TO EXISTING LEVEL

INDICATES APPROX
PROPOSED GROUND LEVELS

INDICATES APPROX
PROPOSED GROUND LEVELS

INDICATES EXISTING
GROUND LEVELS

2. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be notified immediately to the Employer's Representative.
3. The DWG is issued for the purposes of coordination only and do not represent final/drawing issue and is not to be reported in any form. Formal Issue drawings to be via DWG. Admin PDFs for approval hand over.
4. The Contractor shall ensure that the drawings are not used for any other purpose than that intended.
5. Note that all care has been taken with the drawing of DWG and files and that you will comprehend that you are responsible for any misinterpretation of the drawings. Any errors found to be your responsibility.
6. Hydrolock immediately.
7. Tests shown above Ordnance Datum (MAD).
8. All private drainage to comply with current Building Regulations, BS EN872 Drain and Sewer systems outside buildings.
9. All external drainage with trafficked areas must be less than 12mm cover to leave type 2 concrete bed and surround.
10. All drainage to be laid to a minimum 1:100 fall.
11. All drainage with greater cover than the minimum required to have type 2 bed and surround.
12. All drains to be laid soft to suit unless otherwise shown.
13. All drainage to be laid to a minimum 100mm diameter, all surface water drains to be minimum 150mm diameter.
14. All drains to be laid to a minimum 100mm diameter, all surface water drains to be minimum 150mm diameter.
15. Cover levels shown on this drawing refer to approximate surface levels. It is the contractors responsibility to ensure that the correct levels are used.
16. Where possible the contractor is to orientate manholes and covers to locate the panels to kerbs and to roads.
17. The Contractor should comply with h247 "Avoiding Danger from Underground Services" when excavating and installing services.
18. It is the Contractors responsibility to determine the location and depth of all existing services, man and cables prior to construction.
19. The Contractor is to ensure that any temporary services of each of the down stream manholes during the construction period of the development in accordance with SP24 10 and the local sewerage undertakers requirements.
20. The Contractor is to ensure that the proposed drainage system complies with the requirements of the Portland Cement, (SPRC) to BS 4242, if referred, subject to any conditions. Manhole components to be BS EN 124.
21. All work to be in accordance with BS81 or certified by equal inspection authority.
22. All standard components to be in accordance with BS81 or certified by equal inspection authority.
23. All new drainage pipes to be jointed, CCTV surveyed with DWG recording and any defects highlighted to the supervising officer. For the protection of any defects, the drain is to be re-surveyed with CCTV and the results to be made available to the Employer's Representative.
24. Prior to commencing the works the contractor is to confirm details of the existing drainage system as noted on the drawings.
25. Prior to commencing the works the contractor is to undertake the drainage investigation work as noted on the drawings.

NOTES						
C04	AS BUILT ISSUE					
	J.MAGEE	20/10/21	J.MAGEE	20/10/21	-	-
C03	AS BUILT ISSUE					
	J.SHIMMIN	27.07.21	D.GALLIMORE	27.07.21	J. MAGEE	27.07.21
C02	ISSUED FOR CONSTRUCTION					
	D. GALLIMORE	28/06/21	M. GRIFFIN	28/06/21	M. GRIFFIN	28/06/21
C01	ISSUED FOR CONSTRUCTION					
	D. GALLIMORE	24/07/20	D.GALLIMORE	24/07/20	M. GRIFFIN	24/07/20
P05	ISSUED FOR CONTRACT					
	R.HUNT	04/05/20	D.GALLIMORE	04/05/20	M. GRIFFIN	04/05/20
P04	ISSUED FOR CONTRACT					
	R.HUNT	13/03/20	D.GALLIMORE	13/03/20	M. GRIFFIN	13/03/20
P03	DRAWING TITLE CHANGED					
	R.HUNT	24/02/20	D. GALLIMORE	24/02/20	M. GRIFFIN	24/02/20
P02	TENDER ISSUE					
	R.HUNT	21/02/20	D. GALLIMORE	21/02/20	M. GRIFFIN	21/02/20
P01	ISSUED FOR TENDER					
	D. GALLIMORE	10/02/20	D. GALLIMORE	10/02/20	M. GRIFFIN	10/02/20
REV	REVISION NOTES/COMMENTS					
	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE

SEE DRAWING SAL-HYD-PH2-ZZ-DR-C-7011 FOR CONTINUATION

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CLIENT

LANDLINK ESTATES

PROJECT
SALTBOX
BOGNOR REGIS

TITLE	UNITS 1 AND 9 DRAINAGE LINK SHEET 2
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HYDROCK PROJECT NO.	SCALE @ A1
C-13319-C	1:250

STATUS DESCRIPTION	STATUS
AS BUILT ISSUE	A1

DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)	REVISION
SAI-HYD-PH2-77-DB-C-7013	C01

PROPOSED DRAINAGE - STORM
1500@1:100

STORM WATER DRAIN - CLAY
Approx. gradient and diameter as noted, 150mm Ø UNO

STORM WATER MANHOLE
PC Ring - REFER TO DETAILS FOR MH DIAMETER

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

STORM RODDING EYE
Ø as noted

SILT TRAP

CONCRETE ENCASMENT 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.
Ø1 - Outlet connects into standard 90° rest bend.
Ø1A - Indicates access required in above slab plumbing for rodding, refer to service engineers drawings for details.

PERMEABLE PAVING SUB BASE LEVELS
Refer to drawing 7300 for paving 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)

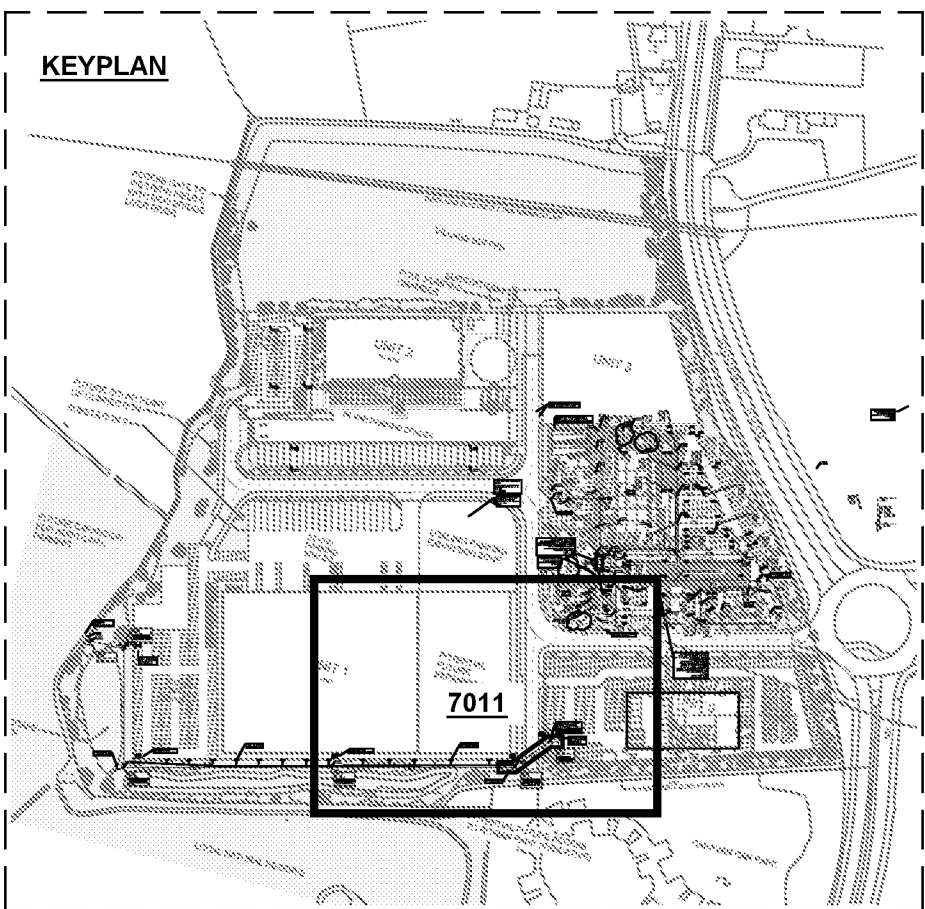
TH THRESHOLD DRAINAGE CHANNEL
(Refer to architect for details / specification)

FIN DRAIN
Refer to details for specifications
all pipes to be 1500Ø 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

KEYPLAN



SEE DRAWING SAL-HYD-PH2-ZZ-DR-C-7010 FOR CONTINUATION

FOR UNIT 9 DRAINAGE

UNIT 1
FFL +3350

POTENTIAL
FUTURE
EXPANSION

INDICATES APPROX
PROPOSED GROUND LEVELS

INDICATES BANKING
TO EXISTING LEVEL

INDICATES UNIT 9 DRAINAGE
PASSING THROUGH ROAD
TO BE INSTALLED IN PHASE 1
LEVELS. LOCATIONS AND PIPE
DIAMETER SUBJECT TO UNIT 9
AND 1 DETAILED DESIGN.

INDICATES SPUR FOR
UNIT 9 SW DRAINAGE
CONNECTION IN
FUTURE WORKS

SW-900
D400 CVR
CL: 2.880 APPROX
IL: 1.657
COVER LEVEL
SUBJECT TO UNIT 9
DETAILED DESIGN

SW-901
B125 CVR
CL: 2.050 MIN
RAISED 110mm LOCALLY
MINIMUM COVER LEVEL
REQUIRED TO PROVIDE
600mm COVER TO PIPE
IL: 1.205

SW-902
B125 CVR
CL: 1.850 MIN
RAISED 220mm LOCALLY
MINIMUM COVER LEVEL
TO SUIT FLOOD LEVELS
IL: 0.957

INDICATES EXISTING
GROUND LEVELS

POTENTIAL FUTURE ACCESS
TO ROWAN PARK (INDICATIVE)

NOTES

AS BUILT ISSUE					
C05	J.MAGEE	20/10/21	J.MAGEE	20/10/21	-
AS BUILT ISSUE					
C04	J.SHIMMIN	27.07.21	D.GALLIMORE	27.07.21	J.MAGEE 27.07.21
ISSUED FOR CONSTRUCTION					
C03	D.GALLIMORE	28/06/21	M.GRIFFIN	28/06/21	M.GRIFFIN 28/06/21
ISSUED FOR CONSTRUCTION					
C02	D.GALLIMORE	23/10/20	D.GALLIMORE	23/10/20	M.GRIFFIN 23/10/20
ISSUED FOR CONSTRUCTION					
C01	D.GALLIMORE	24/07/20	D.GALLIMORE	24/07/20	M.GRIFFIN 24/07/20
ISSUED FOR CONTRACT					
P05	R.HUNT	04/05/20	D.GALLIMORE	04/05/20	M.GRIFFIN 04/05/20
ISSUED FOR CONTRACT					
P04	R.HUNT	13/03/20	D.GALLIMORE	13/03/20	M.GRIFFIN 13/03/20
DRAWING TITLE CHANGED					
P03	R.HUNT	24/02/20	D.GALLIMORE	24/02/20	M.GRIFFIN 24/02/20
TENDER ISSUE					
P02	R.HUNT	21/02/20	D.GALLIMORE	21/02/20	M.GRIFFIN 21/02/20
ISSUED FOR TENDER					
P01	D.GALLIMORE	10/02/20	D.GALLIMORE	10/02/20	M.GRIFFIN 10/02/20
REVISION NOTES/COMMENTS					
DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE

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CLIENT

LANDLINK ESTATES

PROJECT

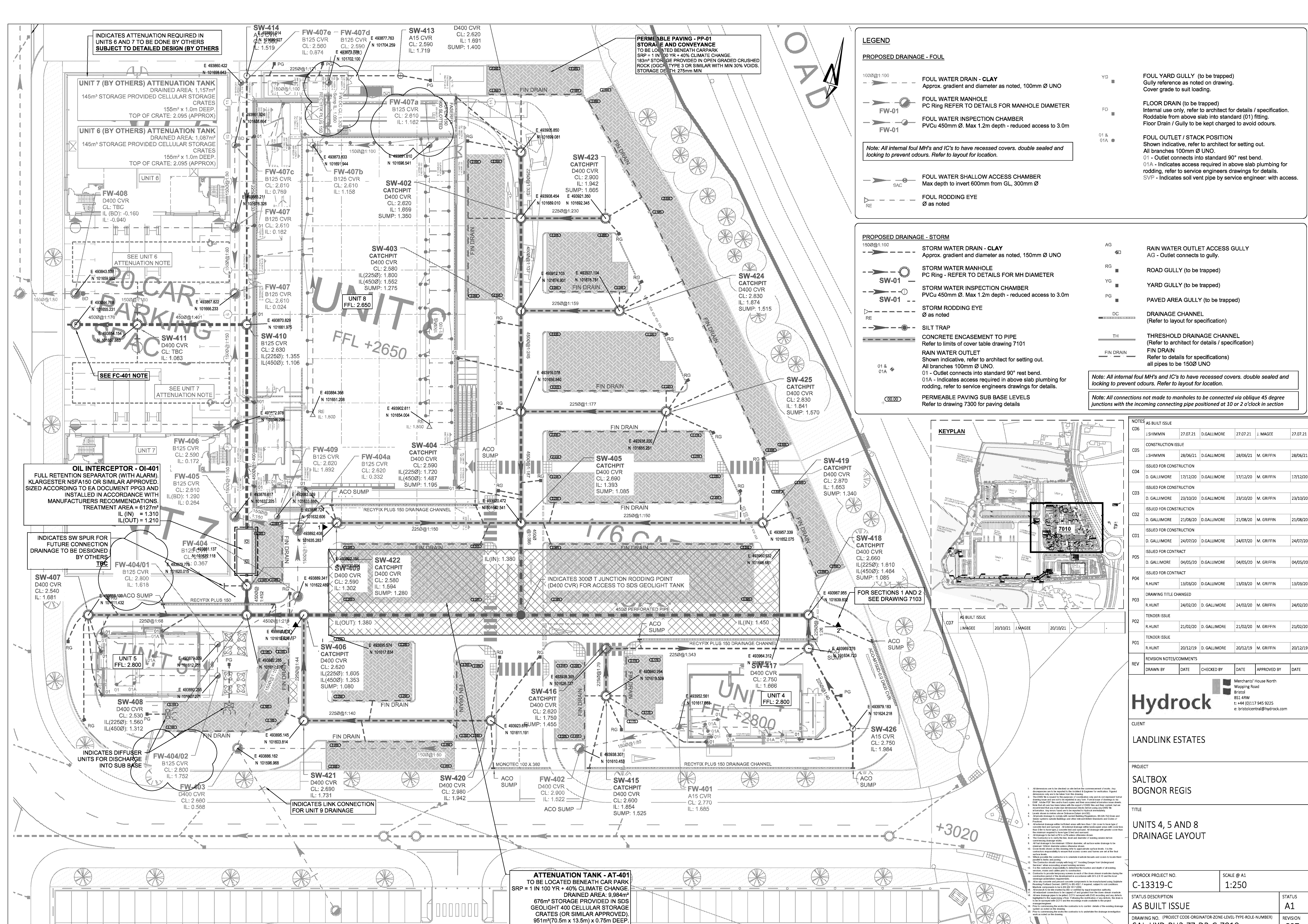
SALTBOX
BOGNOR REGIS

TITLE

UNITS 1 AND 9
DRAINAGE LINK 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-PH2-ZZ-DR-C-7011		REVISION C05	

- 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 do not represent formal drawing issue and are not to be reported in any form. Formal issue of drawings is via DWG, Adobe PDF files and/or hard copies and their associated information issue sheets.
- 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.
- 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 Practices.
- 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 G bed and surround.
- All drainage to be laid with 100mm cover to suit flood levels.
- 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 contractors responsibility to ensure that access covers and frames are set at the final surface levels.
- Where possible the contractor is to orientate manhole layouts and covers to locate them parallel to kerbs and paving.
- The Contractor should comply with hsig) 47 "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 access in each of the down stream manholes during the construction period of the development in accordance with SFA 2.8.10 and the local sewerage undertakers requirements.
- All in-situ concrete and precast concrete components to be manufactured using Sulphate Resisting Portland Cement, (SRPC) to BS 4027. If required, subject to soil conditions. Manhole components to be to BS EN 1917:2002.
- All new drainage pipes to be 1500mm diameter unless otherwise specified.
- All redundant connections to be capped off and grouted from the down stream manhole.
- All new drainage pipes to be jointed. 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.



LEGEND

PROPOSED DRAINAGE - FOUL

1000@1:100

FOUL WATER DRAIN - CLAY
Approx. gradient and diameter as noted, 100mm Ø UNO

FOUL WATER MANHOLE
PC Ring REFER TO DETAILS FOR MANHOLE DIAMETER

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.

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

FOUL RODDING EYE
Ø as noted

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

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.

FOUL OUTLET / STACK POSITION
Shown indicative, refer to architect for setting out.
All branches 100mm Ø UNO.
Ø1 - Outlet connects into standard 90° rest bend.
Ø1A - Indicates access required in above slab plumbing for rodding, refer to service engineers drawings for details.
SV/P - 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

STORM WATER MANHOLE
PC Ring - REFER TO DETAILS FOR MH DIAMETER

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

STORM RODDING EYE
Ø as noted

SILT TRAP

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.
Ø1 - Outlet connects into standard 90° rest bend.
Ø1A - Indicates access required in above slab plumbing for rodding, refer to service engineers drawings for details.

PERMEABLE PAVING SUB BASE LEVELS
Refer to drawing 7300 for paving details

RAIN WATER OUTLET ACCESS GULLY
AG - Outlet connects to gully.

ROAD GULLY (to be trapped)

YARD GULLY (to be trapped)

PAVED AREA GULLY (to be trapped)

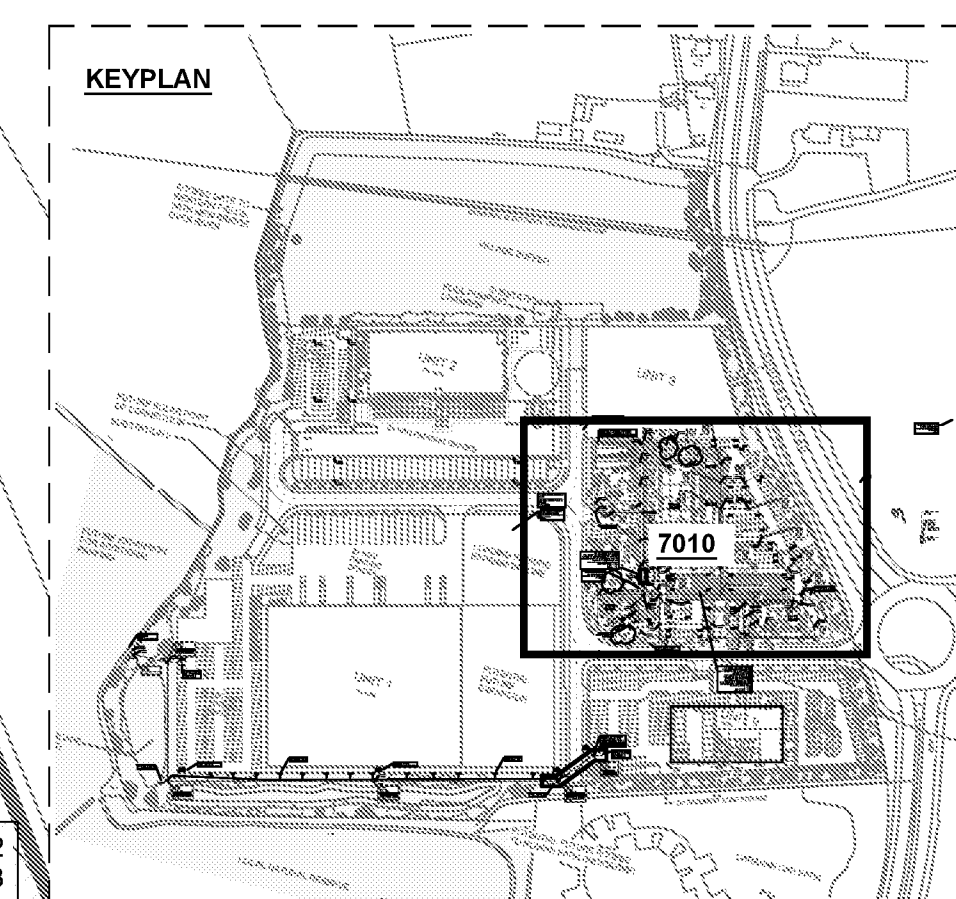
DRAINAGE CHANNEL
(Refer to layout for specification)

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

FIN DRAIN

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



NOTES				
AS BUILT ISSUE				
C06	J.SHIMMIN	27.07.21	D.GALLIMORE	27.07.21 J. MAGEE 27.07.21
CONSTRUCTION ISSUE				
C05	J.SHIMMIN	28/06/21	D.GALLIMORE	28/06/21 M. GRIFFIN 28/06/21
ISSUED FOR CONSTRUCTION				
C04	D. GALLIMORE	17/12/20	D.GALLIMORE	17/12/20 M. GRIFFIN 17/12/20
ISSUED FOR CONSTRUCTION				
C03	D. GALLIMORE	23/10/20	D.GALLIMORE	23/10/20 M. GRIFFIN 23/10/20
ISSUED FOR CONSTRUCTION				
C02	D. GALLIMORE	21/08/20	D.GALLIMORE	21/08/20 M. GRIFFIN 21/08/20
ISSUED FOR CONSTRUCTION				
C01	D. GALLIMORE	24/07/20	D.GALLIMORE	24/07/20 M. GRIFFIN 24/07/20
ISSUED FOR CONTRACT				
P05	D. GALLIMORE	04/05/20	D.GALLIMORE	04/05/20 M. GRIFFIN 04/05/20
ISSUED FOR CONTRACT				
P04	R.HUNT	13/03/20	D.GALLIMORE	13/03/20 M. GRIFFIN 13/03/20
DRAWING TITLE CHANGED				
P03	R.HUNT	24/02/20	D. GALLIMORE	24/02/20 M. GRIFFIN 24/02/20
TENDER ISSUE				
P02	R.HUNT	21/02/20	D. GALLIMORE	21/02/20 M. GRIFFIN 21/02/20
TENDER ISSUE				
P01	R.HUNT	20/12/19	D. GALLIMORE	20/12/19 M. GRIFFIN 20/12/19
REVISION NOTES/COMMENTS				
DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY DATE
Hydrock				
Merchants' House North Wapping Road Bristol BS1 4RW t: +44 (0)117 945 9225 e: bristolcentral@hydrock.com				
CLIENT				
LANDLINK ESTATES				
PROJECT				
SALTBOX BOGNOR REGIS				
TITLE				
UNITS 4, 5 AND 8 DRAINAGE LAYOUT				
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-PH2-ZZ-DR-C-7010			REVISION C07	