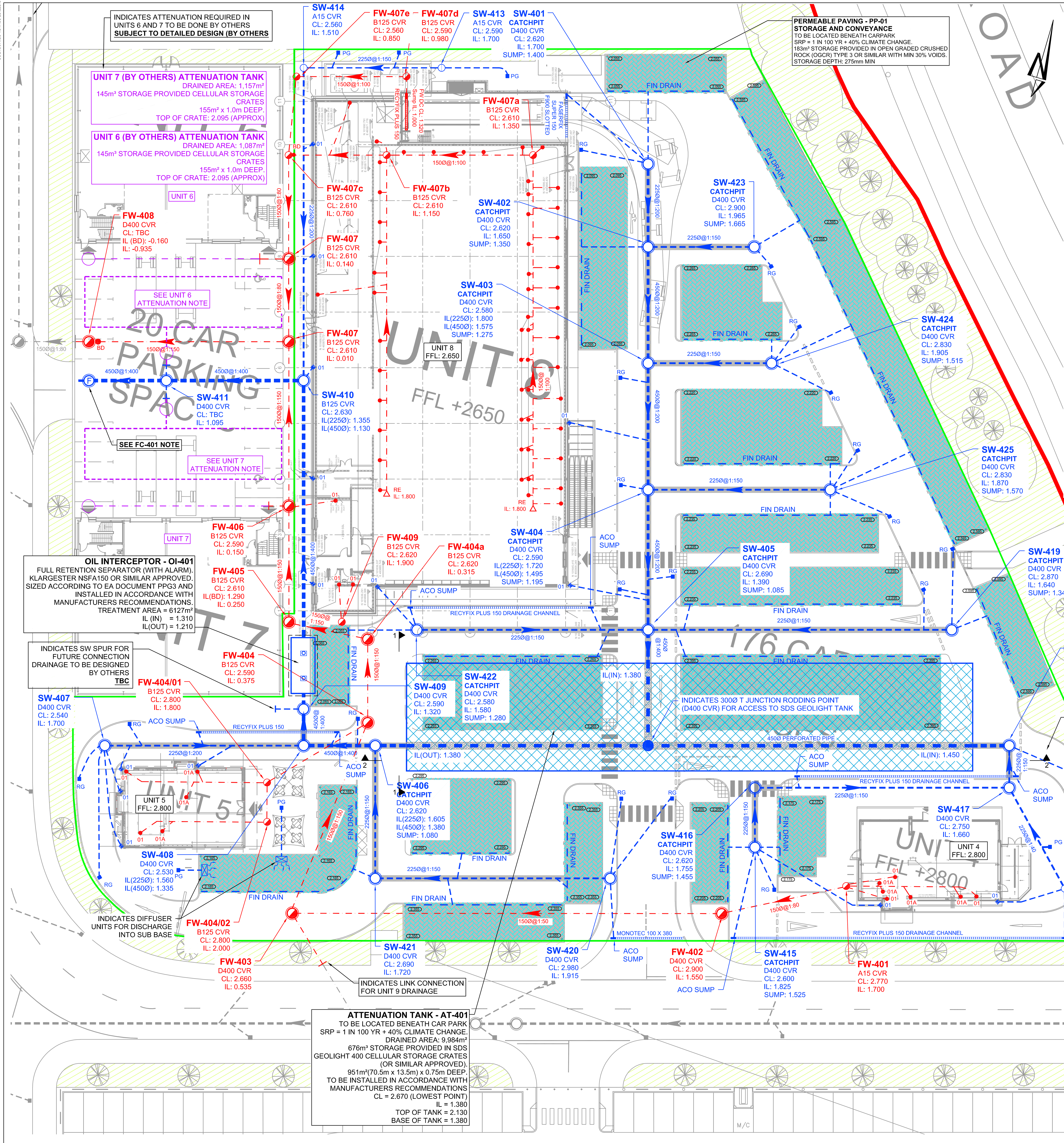


LEGEND

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.

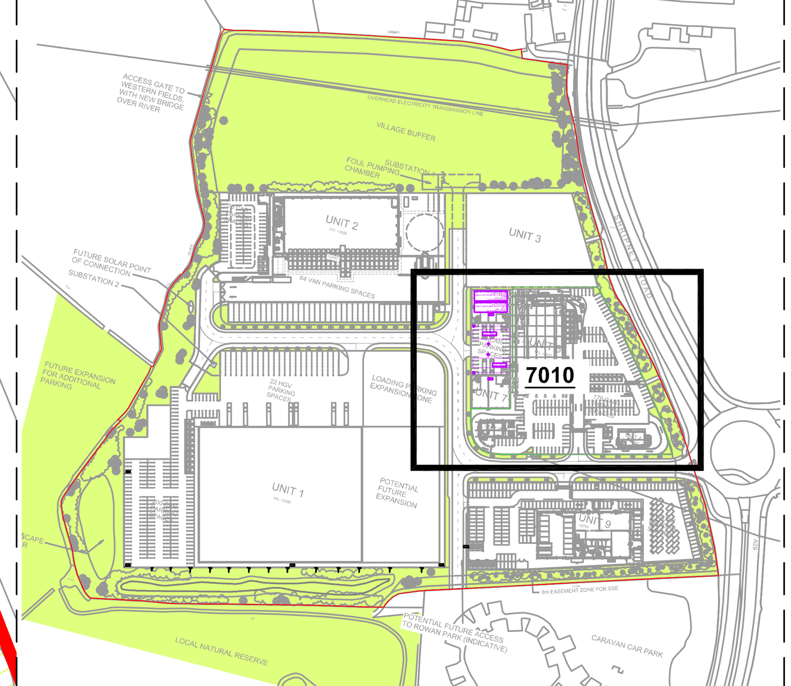
PROPOSED DRAINAGE - STORM

- 150Ø@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
- RE — STORM RODDING EYE. Ø as noted
- SILT TRAP
- CONCRETE ENCASEMENT TO PIPE. Refer to limits of cover table drawing 7101
- 01 & 01A — 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.
- 00.00 — 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 — FIN DRAIN Refer to details for specifications) all pipes to be 150Ø 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



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 100mm diameter, all surface water drainage to be minimum 150mm 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 2.9.10 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 required, subject to soil conditions. Manhole components to be to BS EN 1917:2002.
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.

NOTES / REV	REVISION NOTES/COMMENTS					
C06	AS BUILT ISSUE					
	J.SHIMMIN	27.07.21	D.GALLIMORE	27.07.21	J. MAGEE	27.07.21
C05	CONSTRUCTION ISSUE					
	J.SHIMMIN	28/06/21	D.GALLIMORE	28/06/21	M. GRIFFIN	28/06/21
C04	ISSUED FOR CONSTRUCTION					
	D. GALLIIMORE	17/12/20	D.GALLIMORE	17/12/20	M. GRIFFIN	17/12/20
C03	ISSUED FOR CONSTRUCTION					
	D. GALLIIMORE	23/10/20	D.GALLIMORE	23/10/20	M. GRIFFIN	23/10/20
C02	ISSUED FOR CONSTRUCTION					
	D. GALLIIMORE	21/08/20	D.GALLIMORE	21/08/20	M. GRIFFIN	21/08/20
C01	ISSUED FOR CONSTRUCTION					
	D. GALLIIMORE	24/07/20	D.GALLIMORE	24/07/20	M. GRIFFIN	24/07/20
P05	ISSUED FOR CONTRACT					
	D. GALLIMORE	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	TENDER ISSUE					
	R.HUNT	20/12/19	D. GALLIMORE	20/12/19	M. GRIFFIN	20/12/19
REV	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE

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CLIENT

LANDLINK ESTATES

PROJECT

SALTBOX
BOGNOR REGIS

TITLE

UNITS 4, 5 AND 8 DRAINAGE LAYOUT

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

STATUS DESCRIPTION	STATUS
AS BUILT ISSUE	A1

DRAWING NO. (PROJECT CODE-ORGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)	REVISION
SAL-HYD-PH2-ZZ-DR-C-7010	C06