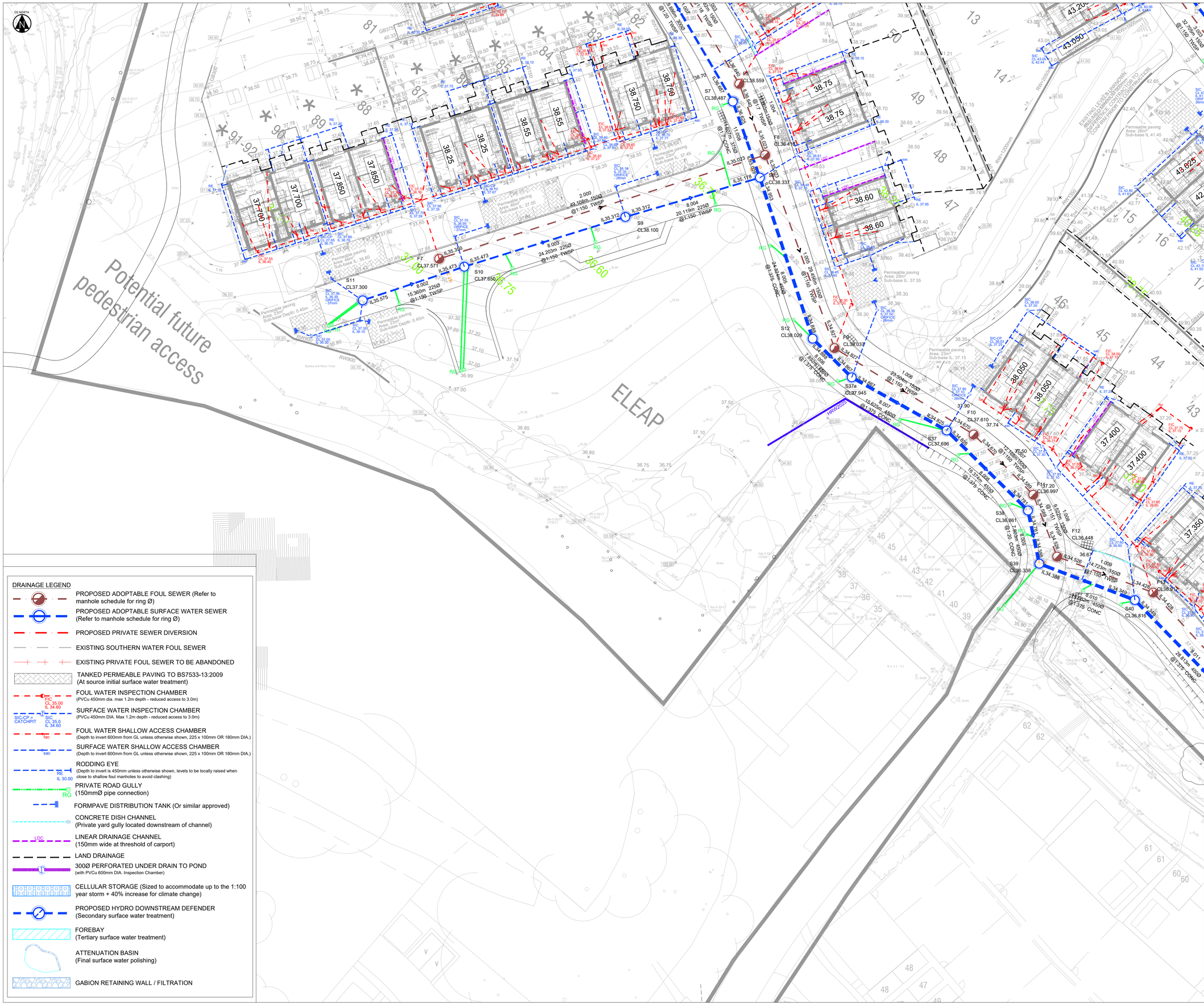
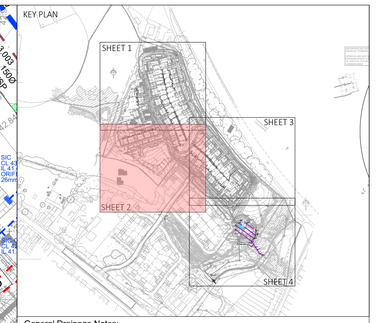


DRAINAGE LEGEND

- PROPOSED ADOPTABLE FOUL SEWER (Refer to manhole schedule for ring Ø)
- PROPOSED ADOPTABLE SURFACE WATER SEWER (Refer to manhole schedule for ring Ø)
- PROPOSED PRIVATE SEWER DIVERSION
- EXISTING SOUTHERN WATER FOUL SEWER
- EXISTING PRIVATE FOUL SEWER TO BE ABANDONED
- TANKED PERMEABLE PAVING TO BS7533-13:2009 (At source initial surface water treatment)
- FOUL WATER INSPECTION CHAMBER (PVCu 450mm dia. max 1.2m depth - reduced access to 3.0m) — FIC CL:35.00 IL 34.60
- SURFACE WATER INSPECTION CHAMBER (PVCu 450mm DIA. Max 1.2m depth - reduced access to 3.0m) — SIC-CP = CATCHPIT; SIC CL:35.0 IL 34.60
- FOUL WATER SHALLOW ACCESS CHAMBER (Depth to invert 600mm from GL unless otherwise shown, 225 x 100mm OR 180mm DIA.) — fac
- SURFACE WATER SHALLOW ACCESS CHAMBER (Depth to invert 600mm from GL unless otherwise shown, 225 x 100mm OR 180mm DIA.) — sac
- RODDING EYE (Depth to invert is 450mm unless otherwise shown, levels to be locally raised when close to shallow foul manholes to avoid clashing) — RE IL 30.00
- PRIVATE ROAD GULLY (150mmØ pipe connection) — RG
- FORMPAVE DISTRIBUTION TANK (Or similar approved)
- CONCRETE DISH CHANNEL (Private yard gully located downstream of channel)
- LINEAR DRAINAGE CHANNEL (150mm wide at threshold of carport) — LDC
- LAND DRAINAGE
- 300Ø PERFORATED UNDER DRAIN TO POND (with PVCu 600mm DIA. Inspection Chamber)
- CELLULAR STORAGE (Sized to accommodate up to the 1:100 year storm + 40% increase for climate change)
- PROPOSED HYDRO DOWNSTREAM DEFENDER (Secondary surface water treatment)
- FOREBAY (Tertiary surface water treatment)
- ATTENUATION BASIN (Final surface water polishing)
- GABION RETAINING WALL / FILTRATION

KEY PLAN



General Drainage Notes:

1. The planning, design and construction of sewers shall be in accordance with Sewers Sector Guidance Appendix C; Design and Construction Guidance, the Civil Engineering Specification for the Water Industry 7th Edition and Independent Water Networks Limited amendments to CESWI.
2. All Adoptable sewers within adoptable highway with less than 1.2m cover to have reinforced concrete slab protection. All Adoptable sewers within grassed areas with cover less than 0.9m to have reinforced concrete slab protection. All areas with greater cover than the minimum required to have type S bed and surround.
3. Use of this drawing does not absolve the client from his responsibilities under the Health and Safety: The Construction Design and Management Regulations 2015. The Principal Designer is required to contact Hydrock Consultants prior to permitting this drawing to be used in connection with any construction works.
4. All sewers to be laid soffit to soffit unless otherwise shown.
5. All levels are to OS datum.
6. Where sewers are to be constructed inside the restricted tree root zone a suitable tree root protection barrier is to be installed to Independent Water Networks Limited's specification.
7. Designs are subject to change through detailed design.
8. Refer to Hydrock Technical Note 21627-HYD-P0-XX-TN-C-0001 for details of the drainage strategy.

REVISIONS

Rev	Date	Description	By	Ckd	App
C10	18/12/24	Drawing legend updated to show stages of filtration and include additional forms for water quality.	JAC	JAC	JAC
C09	17/10/24	Slab underdrain's added to Plots 82-92. Underdrain's to ponds added. Drawing key updated.	JRC	JAC	JAC
C08	30/09/24	Updated to suit revised basin details. Issued for construction approval.	JAC	JAC	JAC
C07	27/09/24	ACO's added to driveways on Plots 48, 50, 52, 56, 61. Yard gullies omitted all to client request.	JRC	JAC	JRC
C06	04/09/24	Plots 42/43, 48, 50, 52, 56, 61 driveways updated.	HR	JAC	JAC
C05	28/06/24	Land drainage updated to suit Client comments.	HR		
C04	29/04/24	Drawing information made clearer through removal of unnecessary information.	HR	JAC	JAC
C03	05/04/24	Slot drains updated to land drains.	HR	-	-
C02	27/11/23	Updated to suit Client comments.	HR	GH	GH
C01	29/09/23	Updated to construction issue.	JL	GH	-
P09	29/08/23	Drainage strategy updated based on client comments	GH	GH	-
P08	18/07/23	Drainage strategy updated to reflect one outfall point located at the south west of the site.	JL	GH	GH
P07	27/03/23	Updated Foul drainage and site layout.	JL	GH	GH
P06	04/01/23	Updated based on comments	JL	GH	GH
P05	18/10/22	Updated plot numbers.	JL	NJ	JC
P04	17/10/22	Added tree protection barriers.	JL	NJ	JC
P03	07/10/22	Updated drainage strategy.	JL	NJ	JC
P02	08/08/22	Updated drainage strategy.	JL	NJ	RA
P01	15/07/22	First Issue.	NJ	RA	RA

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PROJECT
LAND OFF MISERY LANE
PROVIDENCE HILL, BURSLEDON
SOUTHAMPTON

TITLE
DRAINAGE LAYOUT
SHEET 2 OF 4

HYDROCK PROJECT NO.	SCALE @ A1
C-21627-C	1 : 250

STATUS DESCRIPTION	STATUS
FOR APPROVAL	S4

DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)	REVISION
21627-HYD-XX-XX-DR-C-0601	C10