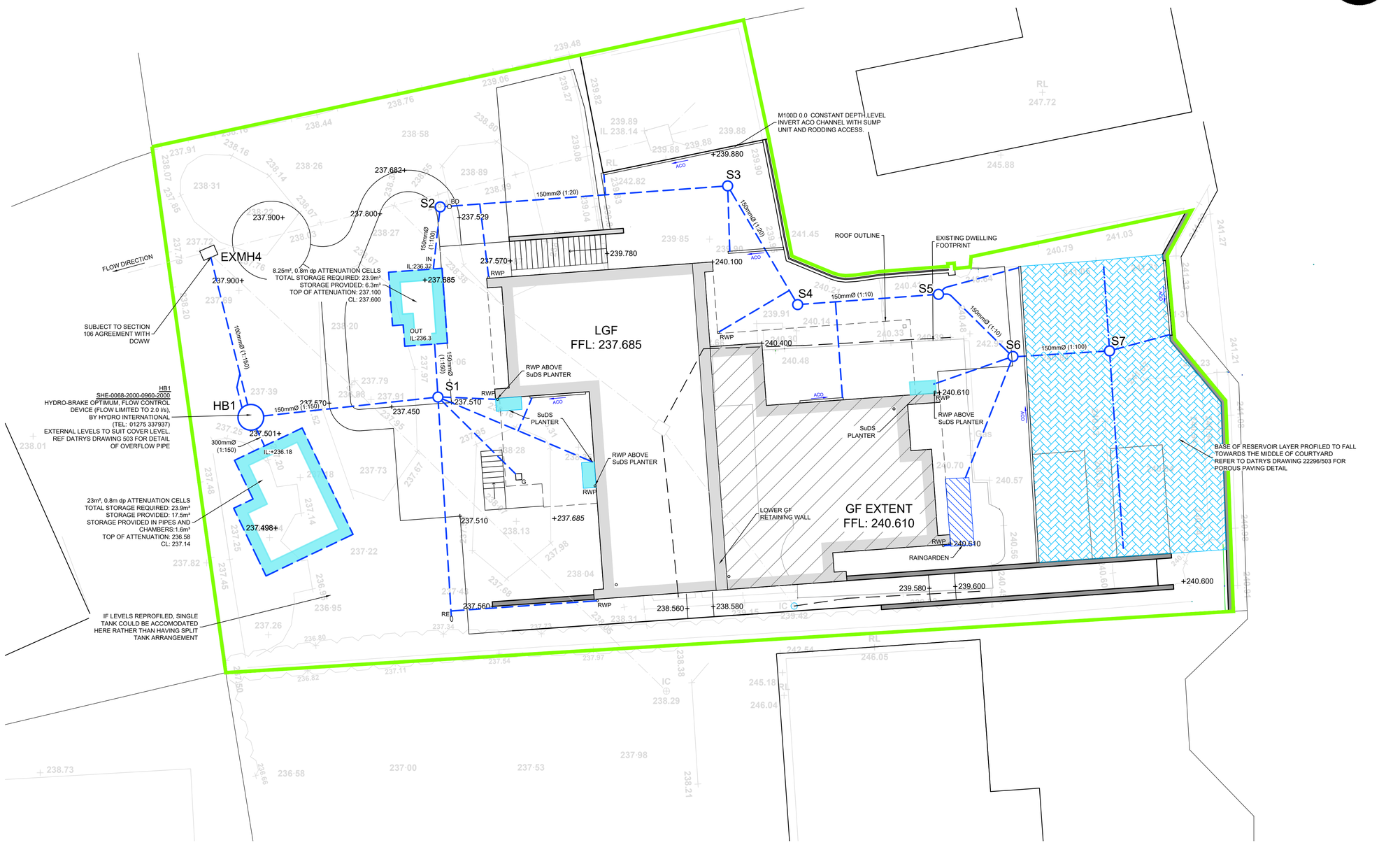
PROJECT No. 22296 | DRG No. SAB-1

DO NOT SCALE



MANHOLE SCHEDULE

MANHOLE REF.	COVER LEVEL	INVERT LEVEL	CHAMBER TYPE	COVER TYPE	CHAMBER SIZE	CHAMBER DEPTH	DOWNSTREAM PIPE SIZE
SURFACE WATER							
EXMH4	237.720	236.060	EXISTING	EXISTING	EXISTING	1.660	EX 150mm Ø
HB1	237.500	236.160	HYDROBRAKE	C250	1200mm Ø	1.640	100mm Ø
S1	237.510	OUT 236.210 IN 236.280	TYPE 4 W/ CATCHPIT	B125	460mm Ø	1.600	150mm Ø
S2	237.510	OUT 236.350 IN 237.010	TYPE 4 W/ CATCHPIT & BACKDROP	B125	460mm Ø	1.460	150mm Ø
S3	239.890	OUT 238.370 IN 238.430	TYPE 4	B125	460mm Ø	1.520	150mm Ø
S4	240.310	OUT 238.750 IN 238.820	TYPE 4	B125	460mm Ø	1.560	150mm Ø
S5	240.550	239.480	TYPE 4	B125	460mm Ø	1.070	150mm Ø
S6	240.700	240.160	TYPE 4	B125	460mm Ø	0.540	150mm Ø
S7	241.040	240.210	TYPE 4	B125	460mm Ø	0.830	150mm Ø

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, ENGINEER'S AND OTHER SPECIALISTS' DRAWINGS.
2. PLEASE REFER TO ARCHITECTS DRAWINGS FOR FINAL BUILDING LOCATION
3. REFER TO DATRYS DRAWING 22296/502 AND 503 FOR DRAINAGE DETAILS.
4. ALL DRAINAGE COMPONENTS ARE TO COMPLY WITH CURRENT BRITISH STANDARDS & BUILDING REGULATIONS REQUIREMENTS
5. **AT ALL OUTFALL POINTS TO AN EXISTING NETWORK, THE POSITION AND INVERT LEVEL OF EXISTING DRAINS MUST BE CONFIRMED WELL IN ADVANCE OF THE PROGRAMMED DATE FOR INSTALLING ANY OF THE UPSTREAM DRAINAGE, OR ORDERING ANY MATERIALS IN ORDER TO ALLOW TIME FOR ANY NECESSARY REVISIONS TO THE HYDRAULIC DESIGN.**
6. ALL GRAVITY PVC-U PIPEWORK TO BE TO BS 4660:2000 OR BS EN 1401-1:2009 WHERE RELEVANT UNLESS NOTED OTHERWISE
7. ALL CONCRETE SHALL BE GEN3 WITH SULPHATE RESISTING IN ACCORDANCE WITH BS8500 U.N.O.
8. FINAL LOCATIONS AND DETAILS OF SOIL & VENT PIPE, STUB STACKS, RAINWATER DOWN PIPES, GULLYS etc. TO BE CONFIRMED BY REFERENCE TO ARCHITECTS' DRAWINGS
9. ALL PIPES INTO MH's TO BE SOFFIT TO SOFFIT LVL U.N.O.
10. WHERE CHAMBERS ARE POSITIONED ON 90° CORNERS, ALWAYS USE THE MAIN CHANNEL BY FITTING A 45° BEND ON THE INLET AND OUTLET
11. ALL NON ADOPTABLE DOMESTIC FOUL AND SURFACE WATER PIPE RUNS SHALL CONSIST OF 100mm Ø PIPES LAID AT A MINIMUM FALL OF 1 IN 80 U.N.O
12. ALL CONNECTIONS FROM HIGHWAY GULLIES TO BE 150mmØ LAID AT FALLS OF BETWEEN 1:20 & 1:100 WITH TYPE S BED & SURROUND TO ALL CONNECTIONS WHERE MIN 1.2m COVER IS ACHIEVED, TYPE Z BED & SURROUND TO ALL OTHER CONNECTIONS.
13. COVER LEVELS ARE APPROXIMATE AND SHOULD MATCH PROPOSED SURROUNDING LEVELS. CONTRACTOR TO USE OFFICIAL TBM'S FOR SETTING OUT.
14. CLAUSES (e.g E2.32) REFER TO SEWER FOR ADOPTION 7 OR CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY

KEY:

- SITE BOUNDARY
- EXISTING COMBINED SEWER AND CHAMBERS
- EXISTING SURFACE WATER DRAIN
- PROPOSED SURFACE WATER DRAIN AND CHAMBERS
- RWP — PROPOSED RAIN WATER PIPES
- BD — PROPOSED BACKDROP
- PROPOSED SuDS PLANTER
- PROPOSED RAINGARDEN
- ACO — PROPOSED ACO DRAIN AND FLOW DIRECTION
- PROPOSED TYPE C POROUS PAVING

REV	DATE	DESCRIPTION	BY	CHK	APP
P05	13.03.24	LAYOUT AMENDED FOR TENDER ISSUE	CB		
P04	10.01.24	BASE LAYOUT AMENDED TO SUIT ARCHITECT'S BASE LAYOUT (JHP Drg 11.23.23)	CB		
P03	27.11.23	ATTENUATION GROUND COVER LEVEL ADDED	CB	LI	LI
P02	13.10.23	TYPE C POROUS PAVING AND ADDITIONAL SuDS PLANTERS ADDED	CB	LI	AC

REVISIONS

CLIENT: R. Dave Jarvis

PROJECT: Dolwar, Coedpoeth

TITLE: Surface Water Layout

DATRYS

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DRAWN CB	CHECKED LI	PASSED AC	
DATE 04.07.23	DATRYS REF.		
SCALE AT A1 1:100	AUTOCAD REF. SAB-1		
DRAWING No. 22296/SAB-1	REVISION P05		

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