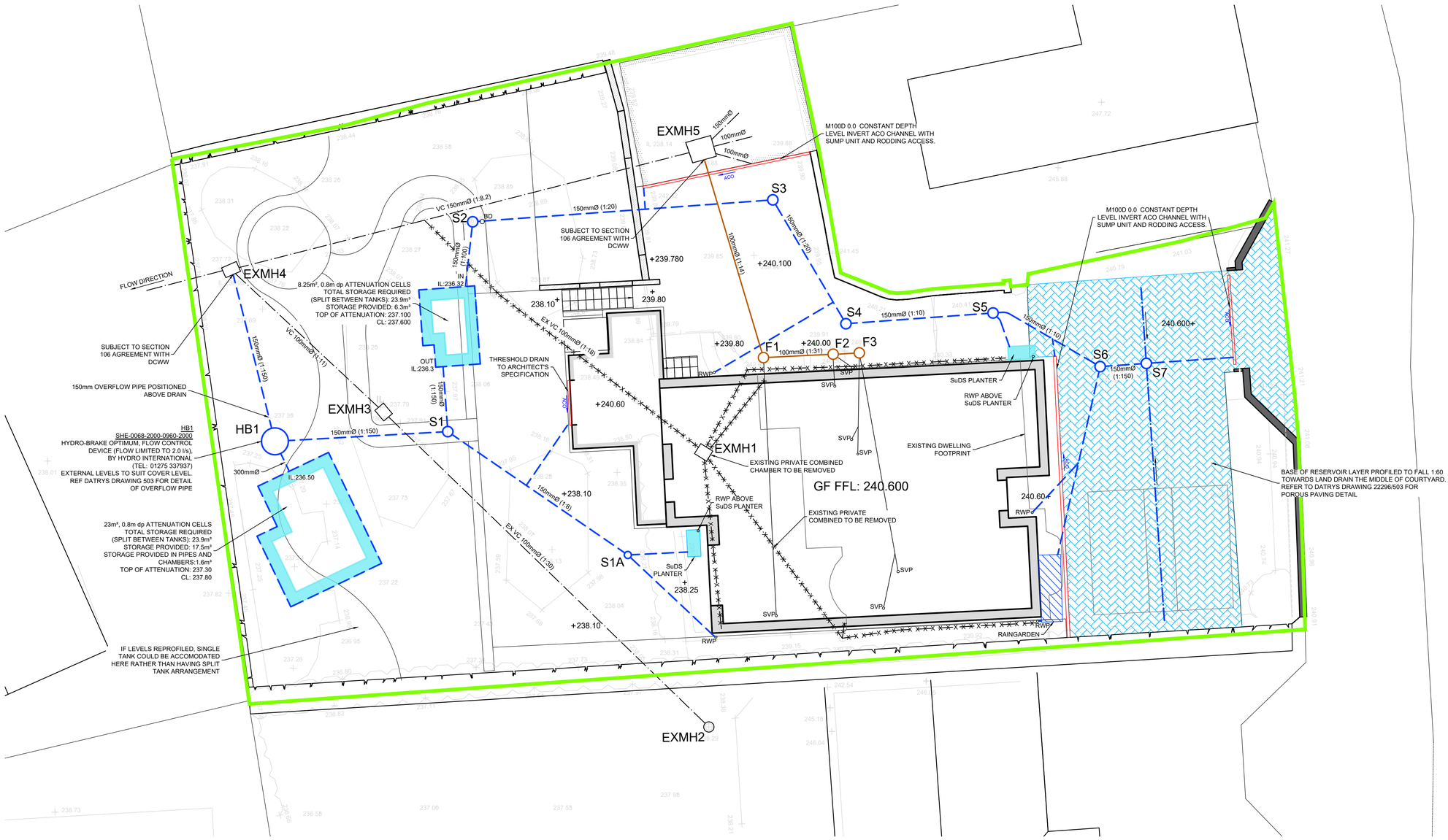
PROJECT No. 22296 | DRG No. 501

DO NOT SCALE



MANHOLE SCHEDULE

SURFACE WATER

MANHOLE REF.	COVER LEVEL	INVERT LEVEL	CHAMBER TYPE	COVER TYPE	CHAMBER SIZE	CHAMBER DEPTH	DOWNSTREAM PIPE SIZE
EXMH4	237.720	236.060	EXISTING	EXISTING	EXISTING	1.660	EX 150mm Ø
HB1	237.875	236.160	HYDROBRAKE	D400	1200mm Ø	2.015	150mm Ø
S1	238.000	OUT 236.210 IN 236.280	TYPE 4 W/ CATCHPIT	B125	460mm Ø	2.090	150mm Ø
S1A	238.150	237.500	TYPE 4	B125	315mm Ø	0.650	150mm Ø
S2	238.000	OUT 236.350 IN 237.010	TYPE 4 W/ CATCHPIT & BACKDROP	B125	460mm Ø	1.950	150mm Ø
S3	240.000	OUT 238.370 IN 238.430	TYPE 4	B125	460mm Ø	1.630	150mm Ø
S4	240.000	OUT 238.750 IN 238.820	TYPE 4	B125	460mm Ø	1.250	150mm Ø
S5	240.400	239.480	TYPE 4	B125	460mm Ø	0.920	150mm Ø
S6	240.600	239.940	TYPE 4	C250	460mm Ø	0.660	150mm Ø
S7	240.600	239.950	TYPE 4	C250	460mm Ø	0.650	150mm Ø

MANHOLE SCHEDULE

FOUL WATER

MANHOLE REF.	COVER LEVEL	INVERT LEVEL	CHAMBER TYPE	COVER TYPE	CHAMBER SIZE	CHAMBER DEPTH	DOWNSTREAM PIPE SIZE
EXMH1	239.050	238.320	EXISTING	EXISTING	EXISTING	0.730	EX 100mm Ø
EXMH2	238.290	237.650	EXISTING	EXISTING	EXISTING	0.640	EX 100mm Ø
EXMH3	237.790	236.920	EXISTING	EXISTING	EXISTING	0.870	EX 100mm Ø
EXMH4	237.720	235.170	EXISTING	EXISTING	EXISTING	2.550	EX 150mm Ø
EXMH5	239.890	OUT 238.590 IN 238.640	EXISTING	EXISTING	EXISTING	1.300	EX 150mm Ø
F1	239.900	239.300	TYPE 4	B125	460mmØ	0.600	100mm Ø
F2	240.000	239.400	TYPE 4	B125	460mmØ	0.600	100mm Ø
F3	240.100	239.500	TYPE 4	B125	460mmØ	0.600	100mm Ø

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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 CHAMBER
- EXISTING FOUL DRAIN
- EXISTING SURFACE WATER DRAIN
- REMOVAL OF EXISTING PIPES AND CHAMBERS
- PROPOSED FOUL DRAIN AND CHAMBERS
- PROPOSED SURFACE WATER DRAIN AND CHAMBERS
- PROPOSED PERFORATED PIPE
- PROPOSED SOIL VENT PIPE CONNECTIONS (SVP)
- PROPOSED RAIN WATER PIPES (RWP)
- PROPOSED BACKDROP (BD)
- PROPOSED SuDS PLANTER
- PROPOSED RAINGARDEN
- PROPOSED ACO DRAIN AND FLOW DIRECTION (ACO)
- PROPOSED TYPE C POROUS PAVING
- EXISTING LEVELS (239.85)
- PROPOSED GROUND LEVELS (LANDSCAPE ARCHITECT) (+240.600)

REV	DATE	DESCRIPTION	BY	CHK	APP
P03	06.02.25	BASE LAYOUT REVISED. DIVERSION REMOVED. FOUL AND S.W AMENDED TO SUIT NEW BLDG.	CB	LI	NJ
P02	07.03.24	AMENDMENTS FOR TENDER ISSUE	CB	LI	LI

REVISIONS

CLIENT

R.Dave Jarvis

PROJECT

Dolwar, Coedpoeth

TITLE

Drainage Layout and Manhole Schedule

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Wrexham Road, Mold, CH7 1HP
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DRAWN CB	CHECKED LI	PASSED LI	
DATE 09.11.23	DATRYS REF.		
SCALE AT A1 1:100	AUTOCAD REF. 22296/501		
DRAWING No. 22296/501	REVISION P03		