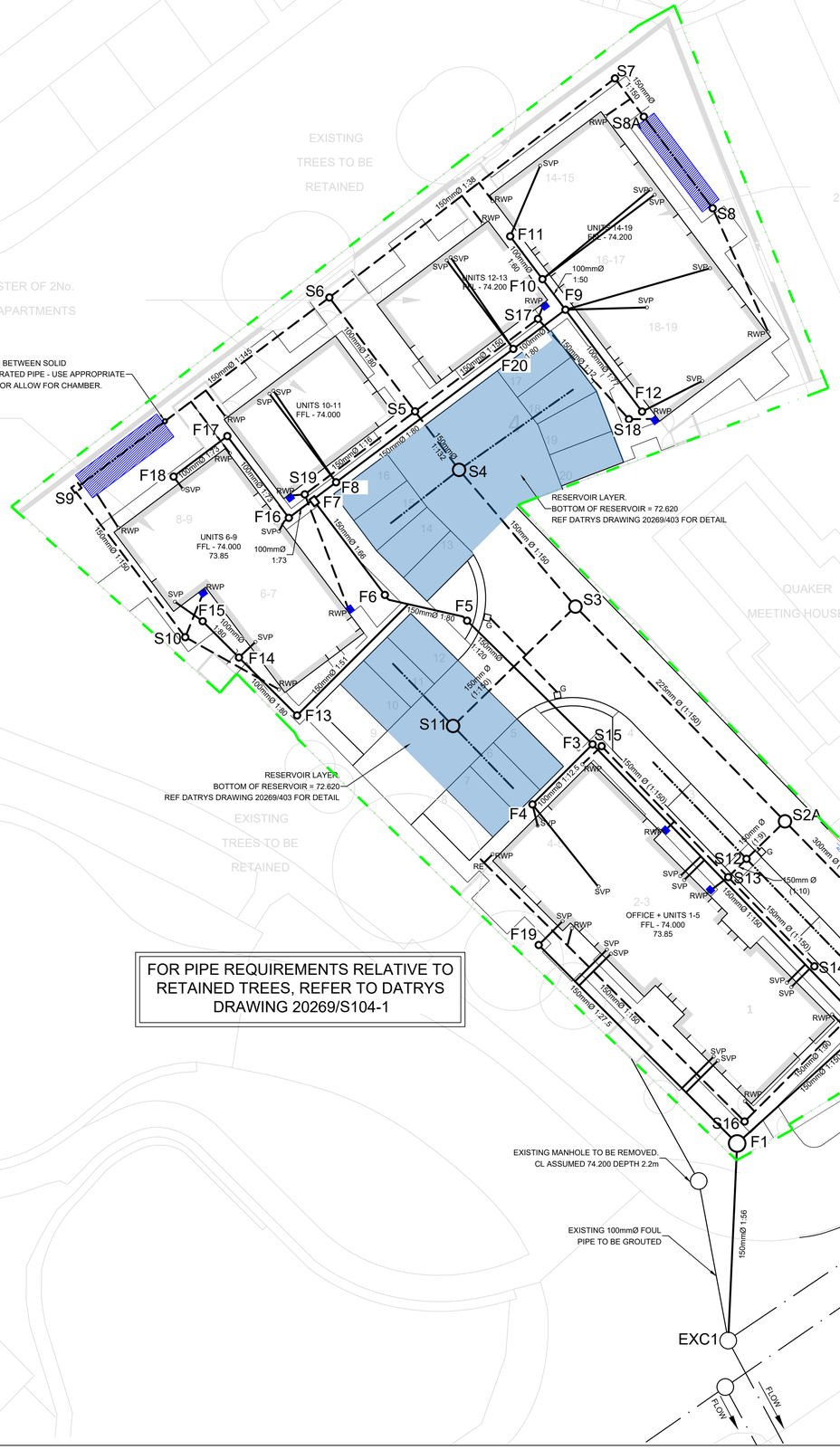
DRG No. 20269 501



FOR PIPE REQUIREMENTS RELATIVE TO RETAINED TREES, REFER TO DATRYS DRAWING 20269/S104-1

FOR ADOPTABLE FOUL MANHOLE SCHEDULE REFER TO DATRYS DRAWING 20269/S104-1

MANHOLE SCHEDULE

MANHOLE REFERENCE	COVER LEVEL	INVERT LEVEL	CHAMBER TYPE	COVER TYPE	CHAMBER SIZE	CHAMBER DEPTH	DOWNSTREAM PIPE SIZE	EASTING	NORTHING
SURFACE WATER									
EXS1	* 75.000 *	* 71.900 *	EXISTING	EXISTING	EXISTING	3.100m	EX 225mm	TBC	TBC
S1	74.190	72.130	TYPE 7C	D400	1200mm Ø	2.360m	225mm	334149.365	350745.269
S2	74.050	OUT 72.210 IN S16 72.285	HYDROBRAKE	D400	1200mm Ø	2.210m	225mm	334140.766	350754.085
S2A	73.760	72.300	TYPE 7C	D400	900mm Ø	1.760m	300mm	334131.333	350763.759
S2B	74.180	73.300	TYPE 7C	D400	900mm Ø	1.180m	301mm	334132.333	350764.759
S3	73.620	OUT 72.445 IN 72.520	TYPE 7C	D400	900mm Ø	1.475m	225mm	334116.221	350779.250
S4	73.820	72.605	TYPE 7C	D400	900mm Ø	1.515m	150mm	334107.178	350788.521
S5	74.000	72.645	TYPE 4	B125	460mm Ø	1.355m	150mm	334104.6486	350793.3294
S6	73.850	72.770	TYPE 4	B125	460mm Ø	1.080m	150mm	334098.4681	350801.5439
S7	74.050	73.445	TYPE 4	B125	460mm Ø	0.605m	150mm	334119.069	350817.3463
S8A	74.050	73.490	TYPE 4 W/ CATCHPIT	B125	460mm Ø	0.860m	150mm	334121.1498	350814.5818
S8	74.050	73.550	TYPE 4 W/ CATCHPIT	B125	460mm Ø	0.800m	150mm PERF	334126.1172	350807.9787
S9	74.280	72.925	TYPE 4 RIGID	B125	600x450mm	1.355m	150mm	334080.0589	350787.6929
S10	73.700	73.015	TYPE 4	B125	460mm Ø	0.685m	150mm	334088.0728	350777.0418
S11	73.460	72.670	TYPE 7C	C250	900mm Ø	1.090m	150mm	334107.3920	350770.6380
S12	73.585	72.800	TYPE 3 W/ CATCHPIT	C250	460mm Ø	1.085m	150mm	334128.5593	350761.0532
S13	73.650	72.980 OUT 73.050 IN 73.110	TYPE 4	B125	460mm Ø	0.670m	150mm	334127.3872	350759.9100
S14	73.650	73.140	TYPE 4	B125	460mm Ø	0.540m	150mm	334133.6043	350753.4765
S15	73.650	72.550	TYPE 4 W/ CATCHPIT	B125	460mm Ø	0.510m	150mm	334118.2566	350769.3585
S16	73.650	72.720	TYPE 4	B125	460mm Ø	1.400m	150mm	334128.3549	350742.0440
S17	74.050	73.500	TYPE 4	B125	460mm Ø	1.330m	150mm	334113.5155	350800.0008
S18	74.050	73.350	TYPE 4	B125	460mm Ø	0.550m	150mm	334120.0782	350792.7659
S19	73.850	73.350	TYPE 4	B125	460mm Ø	0.500m	150mm	334096.6931	350787.3437

xx COVER AND INVERT LEVEL ASSUMED. CONTRACTOR TO CONFIRM PRIOR TO LAYING UPSTREAM NETWORK.

MANHOLE SCHEDULE

MANHOLE REFERENCE	COVER LEVEL	INVERT LEVEL	CHAMBER TYPE	COVER TYPE	CHAMBER SIZE	CHAMBER DEPTH	DOWNSTREAM PIPE SIZE	EASTING	NORTHING
PRIVATE FOUL WATER									
F4	73.670	72.850	TYPE 4	B125	460mm Ø	0.820m	100mm	334113.118	350764.981
F10	74.050	73.135	TYPE 3	B125	460mm Ø	0.915m	100mm	334113.838	350800.662
F11	74.050	73.200	TYPE 3	B125	460mm Ø	0.850m	100mm	334111.512	350805.958
F12	74.050	73.200	TYPE 3	B125	460mm Ø	0.850m	100mm	334121.024	350793.314
F13	73.670	F14 IN 72.800 OUT 72.730	TYPE 3	B125	460mm Ø	0.940m	100mm	334096.138	350771.401
F14	73.700	72.920	TYPE 3	B125	460mm Ø	0.780m	100mm	334091.947	350775.577
F15	73.700	72.970	TYPE 3	B125	460mm Ø	0.730m	100mm	334089.328	350778.197
F16	73.700	F17 IN 72.760 OUT 72.690	TYPE 3	B125	460mm Ø	1.010m	100mm	334095.543	350785.6495
F17	73.700	F18 IN 72.930 OUT 72.860	TYPE 3	B125	460mm Ø	0.840m	100mm	334091.107	350791.5454
F18	73.700	72.990	TYPE 3	B125	460mm Ø	0.710m	100mm	334087.228	350788.627
F19	73.600	72.850	TYPE 3	B125	460mm Ø	0.750m	100mm	334113.5679	350754.8386

CDM RISKS:
NO. OF POTENTIAL STATS CROSSINGS FOR NEW SURFACE WATER CONNECTION (CROSSINGS NOT SHOWN)
6 BT CROSSINGS
5 ELECTRIC CROSSINGS (2 LV, 1 HV, 1 EHV (33kV)
2 COMBINED SEWER CROSSINGS
2 LP GAS CROSSINGS
HD WATER: CROSSINGS UNKNOWN
UNKNOWN HIGHWAY DRAIN CROSSINGS

GENERAL 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 DRAWINGS 20269/502, 503 AND 504 FOR DRAINAGE DETAILS.
4. REFER TO DATRYS DRAWINGS 20269/505 AND 506 FOR SURFACE WATER LONGSECTIONS
5. ALL DRAINAGE COMPONENTS ARE TO COMPLY WITH CURRENT BRITISH STANDARDS & BUILDING REGULATIONS REQUIREMENTS
6. 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.
7. ALL GRAVITY PVC-U PIPEWORK TO BE TO BS 4660:2000 OR BS EN 1401-1:2009 WHERE RELEVANT UNLESS NOTED OTHERWISE
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. 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
11. 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.
12. COVER LEVELS ARE APPROXIMATE AND SHOULD MATCH PROPOSED SURROUNDING LEVELS. CONTRACTOR TO USE OFFICIAL TBM'S FOR SETTING OUT.

KEY

- SITE BOUNDARY
- ASSUMED LINE OF EXISTING COMBINED SEWER
- LINE OF EXISTING FOUL SEWER
- LINE OF EXISTING SURFACE WATER SEWER
- IC — PROPOSED NON-ADOPTABLE FOUL DRAIN RUN AND INSPECTION CHAMBERS
- SVP — PROPOSED SOIL AND VENT PIPE
- SS — PROPOSED STUB STACK
- IC — NON-ADOPTABLE SURFACE WATER INSPECTION CHAMBER AND DRAIN
- RWP — DENOTES PROPOSED RAIN WATER PIPE
- RE — PROPOSED RODDING EYE
- PROPOSED PERFORATED PIPE
- G — DENOTES PROPOSED HIGHWAY GULLY WITH 150mm Ø CONNECTIONS
- PROPOSED RESERVOIR LAYER BELOW POROUS SURFACING
- PROPOSED SUDS PLANTER
- PROPOSED SUDS FEATURES

REV	DATE	DESCRIPTION	BY	CHK	APP
F	20.12.21	FOUL LAYOUT AMENDED (F7-F9)	LI		
E	15.12.21	FOUL LAYOUT AND MANHOLE SCHEDULE AMENDED	LI	AC	AC
D	24.09.21	FOUL LAYOUT AND MANHOLE SCHEDULE AMENDED	LI	AC	AC
C	09.09.21	ACO GULLY AND ROAD GULLY ADDED, S2B ADDED MANHOLE SCHEDULE AMENDED	LI	AC	AC
B	29.07.21	LAYOUT AND MANHOLE SCHEDULE AMENDED	JP		
A	17.05.21	AMENDED PER NEW LAYOUT	JP		

REVISIONS

STATUS: PRELIMINARY

CLIENT: ClwydAlyn

PROJECT: Ty Nos Redevelopment
Holt Road, Wrexham

TITLE: Proposed Drainage Layout

DATRYS
Broncoed House
Broncoed Business Park
Wrexham Road
Mold
Flintshire
CH7 1HP
01352 706205 Telephone
info@datrys.coop E-mail
www.datrys.net Internet

DRAWN	TD	CHECKED	AC	PASSED	AC
DATE	24.02.21	CLIENT'S REF.			
SCALE AT A1	1:200	AUTOCAD REF.	20269/501		
20269/501		REVISION	F		

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