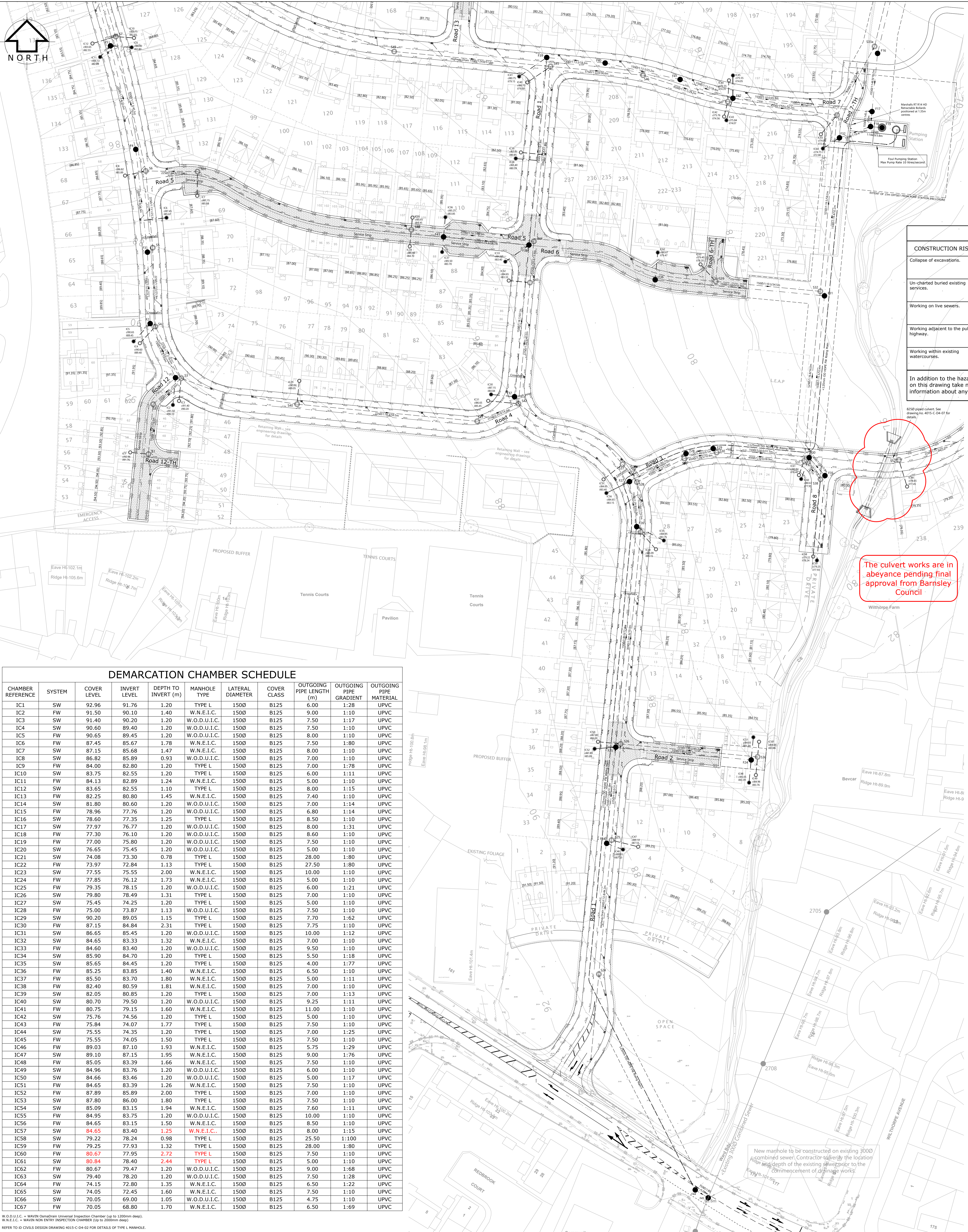




LEGEND

Existing combined public sewer.

Existing combined public sewer (to be removed/grouted up).

Proposed combined manhole and sewer.

Proposed four water manhole and sewer.

Proposed foul water rising main.

Proposed surface water manhole and sewer.

Proposed surface water rising main.

Proposed surface water lateral and demarcation manhole.

Proposed foul water lateral and demarcation manhole.

Protected strip or easement.

Manhole Road FWS Manhole Schedule														
MI-HR	EASTING	NORTHING	MANHOLE TYPE	MANHOLE SIZE	COVER TYPE	COVER LEVEL	INVERT ELEVATION	DEPTH	PIPES IN	DIAMETER	DEPTH IN BACKDROP	PIPES OUT	DIAMETER	
F1	432093.83	407079.47	B	1000	DAMCO	90.511	89.213	1.60				1000	89.213	
F2	432099.09	407274.24	B	1000	DAMCO	90.511	88.152	1.90	1000	88.152		1000	88.152	
F3	432098.61	40600.757	B	1000	DAMCO	88.185	86.291	1.934	1001	86.291		1002	86.291	
F4	432094.762	40034.540	B	1000	DAMCO	86.096	84.185	1.761	1002	84.185		1003	84.185	
F5	432098.45	40035.576	B	1000	DAMCO	85.697	81.566	1.981	1003	81.566		1004	81.566	
F19	432098.915	40015.916	B	1000	DAMCO	86.905	79.520	1.751				2000	80.275	
F6	43205.860	40034.618	B	1000	DAMCO	86.019	78.529	1.900	2000	78.529		1005	78.529	
								1.004						
F7	432060.248	40138.831	B	1000	DAMCO	79.707	76.192	2.365	1005	76.192		1006	76.192	
F8	432067.187	40015.152	B	1000	DAMCO	76.829	73.713	2.946	1006	73.713		1007	73.713	
F9	432074.414	40119.903	B	1000	DAMCO	76.714	72.500	3.646	1007	72.500		1008	72.500	
F10	43201.989	40017.966	A	1000	DAMCO	76.617	70.028	4.408	1008	70.028		1009	70.028	
F20	43310.872	40038.881	B1/B	1000	DAMCO	79.612	77.862	1.200				3000	77.862	
F21	433106.060	40011.935	E	1000	DAMCO	77.338	73.885	3.563	3000	73.885	1.720	3001	73.885	
F11	433110.053	40027.172	A	1000	DAMCO	72.211	71.500	5.561	1009	71.500	1.500	1010	71.500	
								3.001						
F13	433106.971	40033.105	A	1000	DAMCO	74.880	71.200	3.680	1010	71.200		1011	71.200	
F14	433122.245	40011.524	B1/B	1000	DAMCO	76.017	70.012	1.011	1011	70.012		1012	70.012	
F15	433122.465	40011.854	B1/B	1000	DAMCO	70.000	68.706	1.144	1012	68.706		1013	68.706	
F46	433490.128	40034.125	B	1000	DAMCO	70.229	68.137	1.542				4000	68.137	
F47	433463.249	40038.674	B	1000	DAMCO	70.961	68.199	2.612	4000	68.199		4001	68.199	
F48	433441.011	40037.587	A	1000	DAMCO	71.199	67.450	4.901	4001	67.500		4002	67.500	
F49	433453.982	40040.952	B	1000	DAMCO	70.128	68.929	1.000	4002	68.929		4003	68.929	
F50	433454.744	40034.224	B	1000	DAMCO	72.112	68.200	3.882	5000	68.200		5001	68.200	
F49	433424.614	40031.217	A	1000	DAMCO	71.909	67.425	4.934	4002	67.825		4003	67.825	
								5.001						
F50	433308.319	40037.927	A	1000	DAMCO	72.818	67.495	5.213	4003	67.495		4004	67.495	
F51	43305.312	40792.735	B1/B	1000	DAMCO	78.201	76.355	1.676				6000	76.355	
F52	433090.178	40792.738	B1/B	1000	DAMCO	77.406	74.900	2.400	6000	74.900		6001	74.900	
F53	433028.438	40037.611	B	1000	DAMCO	76.155	73.624	2.341	6001	73.624		6002	73.624	
F58	43305.292	40032.342	B	1000	DAMCO	75.671	73.560	2.461	6002	73.560		6003	73.560	
F59	43302.419	40036.199	B	1000	DAMCO	75.035	72.299	2.992	6003	72.299		6004	72.299	
F11	433129.291	40009.351	Refer to drawing no. 4015-C D4-B for details.			74.527	66.900	7.627	4004	66.900	4.795	4005	66.900	
								6.004						
F52	43302.852	40033.305	A	1000	DAMCO	72.819	66.700	5.989	4005	66.700		4006	66.700	
F53	43302.808	40033.796	B	1000	DAMCO	69.281	66.250	2.881	4006	66.250		4007	66.250	
F54	43302.171	40107.409	B	1000	DAMCO	68.152	66.196	1.806	4007	66.196		4008	66.196	
F15	433248.676	40011.631	B	1000	DAMCO	69.100	66.656	3.244	1.013	66.656		1.014	66.656	
								4.008						
F16	433218.917	40030.088	Refer to drawing no. 4015-C D4-B for details.			72.200	65.163	6.917	1.014	65.163		1.015	65.163	
F17	43317.291	40033.241	A	1000	DAMCO	65.772	64.664	1.058				7000	64.664	
F43	433095.942	40035.769	B	1000	DAMCO	65.248	63.226	1.922				6000	63.226	
F43	433124.010	40033.107	B	1000	DAMCO	81.849	81.384	2.335	8.000	81.384		7.000	81.384	
								7.000	81.384					
F43	433128.864	40034.740	B	1000	DAMCO	80.010	78.068	1.792	7.001	78.068		7.002	78.068	
F42	433146.603	40034.919	B	1000	DAMCO	78.849	76.613	2.066	7.002	76.613		7.003	76.613	
F41	433173.794	40032.512	B	1000	DAMCO	76.769	74.717	1.903	7.003	74.711		7.004	74.711	
F42	433191.055	40033.137	B	1000	DAMCO	75.924	73.919	1.853	7.004	73.919		7.005	73.919	
F17	433236.784	40046.070	Refer to drawing no. 4015-C D4-B for details.			73.150	65.614	5.786	1.015	65.614	3.111	1.016	65.614	
								7.005						
F24	433397.075	40113.835	B	1000	DAMCO	84.845	82.465	1.847				5000	82.465	
F54	433146.603	40034.919	B	1000	DAMCO	80.849	78.606	1.838				7.004	78.606	
F43	433154.566	40036.056	A	1000	DAMCO	87.619	82.689	5.500	8.009	82.689	1.609	9.001	82.689	
								10.000						
F26	433181.489	40193.520	A	1000	DAMCO	84.822	81.179	3.593	9.001	81.179		9.002	81.179	
F27	433157.019	40239.336	A	1000	DAMCO	84.519	80.991	3.380	9.002	80.991		9.003	80.991	
F28	433174.744	40194.540	B	1000	DAMCO	82.047	79.744	2.303	9.003	79.744		9.004	79.744	
F29	433184.572	40178.200	B	1000	DAMCO	82.034	80.371	2.313	9.004	80.371		9.005	80.371	
F30	433184.572	40177.296	B	1000	DAMCO	82.034	77.884	2.200				11.000	77.884	
F30	43316.116	40193.208	A	1000	DAMCO	80.589	78.220	3.216	9.005	77.203		9.006	77.203	
								11.000	77.203					
F36	433165.506	40291.670	B	1000	DAMCO	81.344	79.336	1.856				12.000	79.336	
F37	433221.180	40198.592	B	1000	DAMCO	79.718	77.746	1.820	14.000	77.746		9.007	77.746	
F32	433226.087	40038.340	B	1000	DAMCO	73.816	71.058	2.608	9.007	71.058		9.008	71.058	
F33	433236.313	40042.041	Refer to drawing no. 4015-C D4-B for details.			73.115	65.505	7.860	9.008	65.507	4.902	1.017	65.505	
								1.016						
F19	433246.005	40041.865	First pumping station. Refer to drawing no. 4015-C D4-B 5W 26.0518.			73.475		1.017	65.479	225				
F44	433178.677	40182.508	B1/B	1000	DAMCO	94.119	92.760	1.200		92.760			92.760	
F45	433182.369	40188.911	B	1000	DAMCO	94.119	92.760	1.400		92.760			92.760	

W.I.D.I.C. = WATWIN OsmoCrain Universal Inspection Chamber (up to 1200mm deep).
W.N.E.I.C. = WATWIN NON ENTRY INSPECTION CHAMBER (Up to 2000mm deep)

REFER TO ID CIVILS DESIGN DRAWING 4015-C-D4-02 FOR DETAILS OF TYPE L MANHOLE.

[illegible]