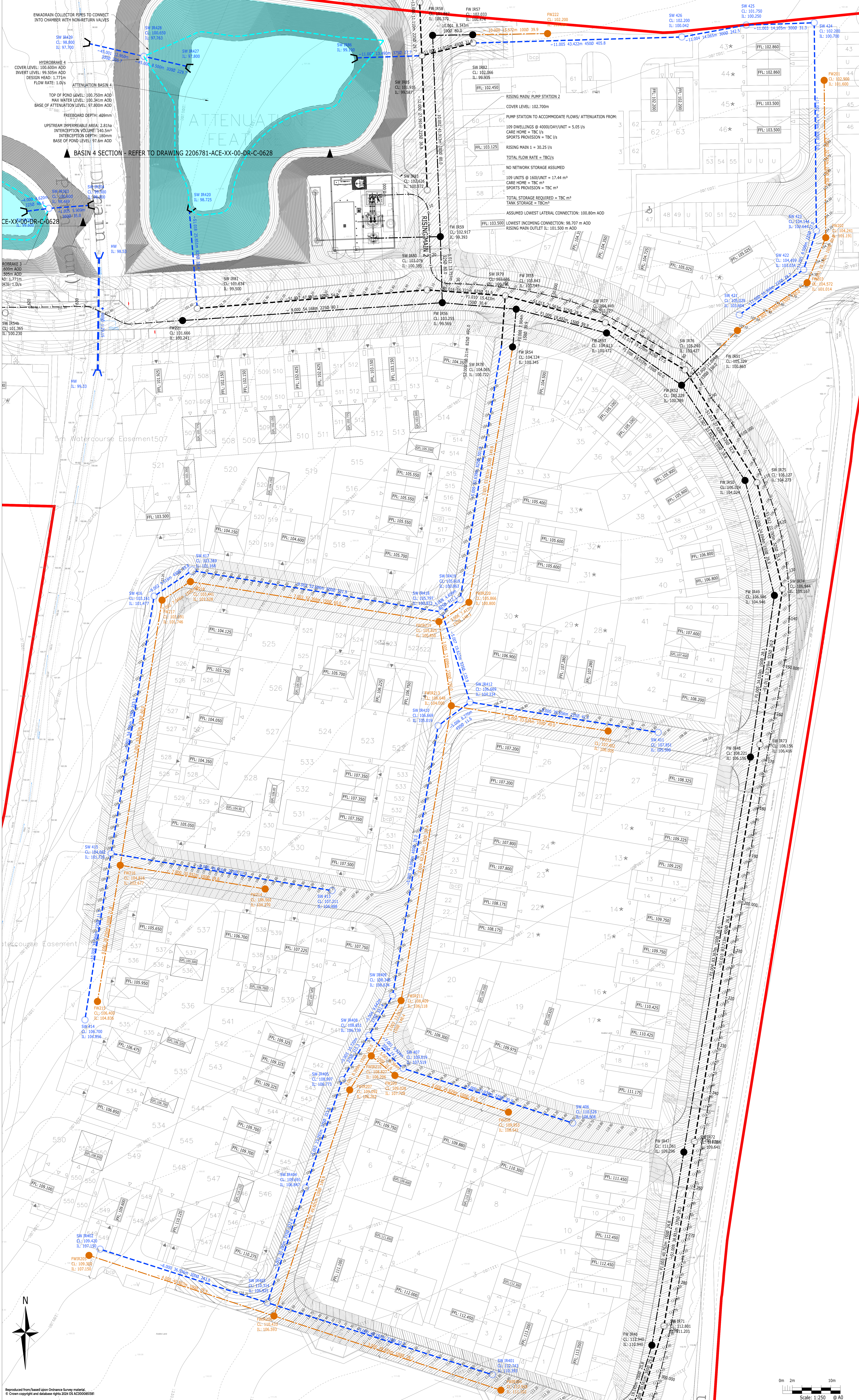
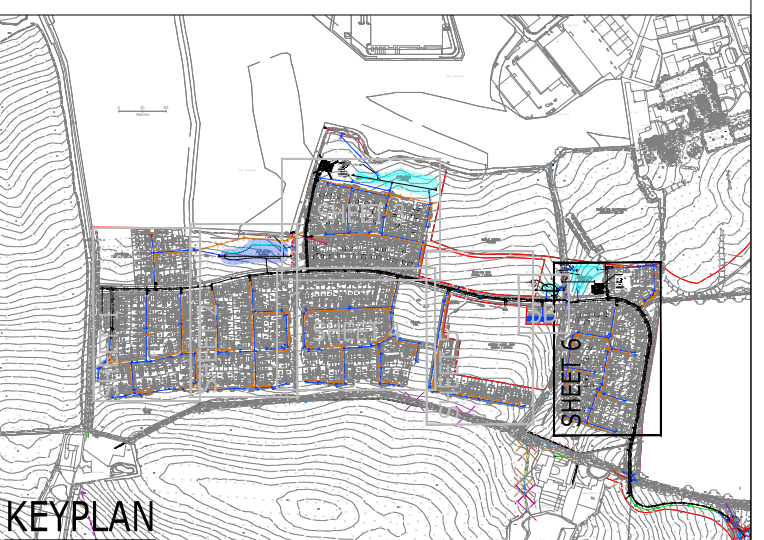




ENGINEERING KEY

- SITE BOUNDARY
- SURFACE WATER APPROVED UNDER INFRASTRUCTURE APPLICATION
- FOULED WATER APPROVED UNDER INFRASTRUCTURE APPLICATION
- PROPOSED ADAPTABLE SURFACE WATER SEWER
- PROPOSED ADAPTABLE FOUL WATER SEWER
- PROPOSED ATTENUATION CRATES
- PROPOSED DETENTION BASIN WITH ENKADRAIN UNDERLAY
- PROPOSED ENKADRAIN COLLECTOR PIPE, LAID LEVEL AT THE BASE OF POND LEVEL TO GEOSYNTHETICS SPECIFICATION
- EXISTING LAND DRAIN

- NOTES:**
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATION, INC. RISK ASSESSMENTS AND ALL OTHER RELATED DRAWINGS ISSUED BY THE ENGINEER.
 2. DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
 3. ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN METRES UNLESS OTHERWISE STATED.
 4. ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
 5. NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PRIOR PERMISSION FROM THE ENGINEER.
 6. ANY WORKS OUTSIDE RED SITE BOUNDARY ARE FOR INFORMATION PURPOSES ONLY UNLESS SPECIFICALLY NOTED. ALL WORKS OUTSIDE THE SITE BOUNDARY WILL BE UNDERTAKEN BY OTHERS UNDER A SEPARATE CONTRACT.



PL	UPDATED SITE LAYOUT	AMC	AD	DM	25-05-24
P5	UPDATED BASED ON LIAISON COMMENTS	AMC	AMC	MR	25-05-24
P2	UPDATED TO SUIT NEW LAYOUT	ADG	CC	AD	18-11-25
PI	FIRST ISSUE	AMC	AMC	AMC	28-11-25

Rev	Description	Drn	Chk	App	Date
1	PRELIMINARY				28-11-25

ARDENT CONSULTING ENGINEERS
AN EMPLOYEE OWNED COMPANY

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Client: **VISTRY SOUTH EAST**

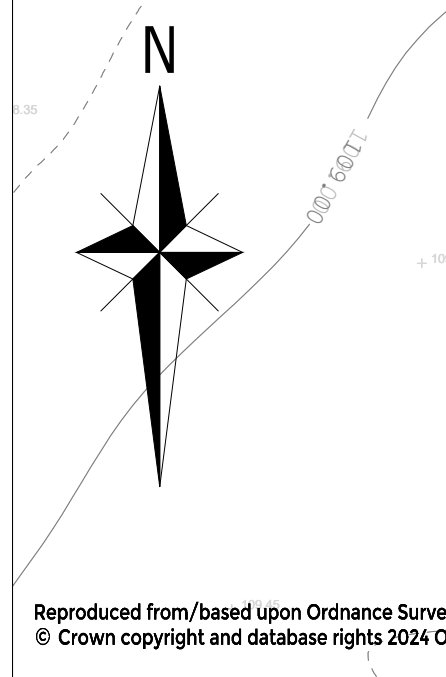
Project Title: **IMBERHORNE FARM, EAST GRINSTEAD**

Drawing Title: **PROPOSED DRAINAGE SHEET 6**

Drawn by	Checked by	Approved by	Revision
AMC	AMC	AD	P4

Scale: 1:250 @ A0 Date: 28-11-25

Drawing Number: **2206781-ACE-XX-XX-DR-C-0626**



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**Design Settings**

Rainfall Methodology	FEH-22	Minimum Velocity (m/s)	1.00
Return Period (years)	100	Connection Type	Level Soffits
Additional Flow (%)	0	Minimum Backdrop Height (m)	0.600
CV	1.000	Preferred Cover Depth (m)	1.200
Time of Entry (mins)	5.00	Include Intermediate Ground	✓
Maximum Time of Concentration (mins)	30.00	Enforce best practice design rules	x
Maximum Rainfall (mm/hr)	150.0		

Adoptable Manhole Type

Max Width (mm)	Diameter (mm)	Max Width (mm)	Diameter (mm)
374	1200	749	1500
499	1350	900	1800

>900 Link+900 mm

Max Depth (m)	Diameter (mm)	Max Depth (m)	Diameter (mm)
1.500	1050	99.999	1200

Circular Link Type

Template	Freeform Carrier	Barrels	1	Follow Ground	x
Shape	Circular	Auto Increment (mm)	75		

Available Diameters (mm)

100 | 150

Nodes

Name	Area (ha)	T of E (mins)	Add Inflow (l/s)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
101	0.113	5.00		109.000	1200	536707.937	138551.117	1.500	107.500
102				108.500	1200	536684.681	138551.483	1.500	107.000
103				109.170	1200	536634.612	138542.123	2.378	106.792
104	0.063	5.00		109.100	1200	536589.042	138537.552	1.500	107.600
105				109.100	1200	536609.759	138539.140	1.623	107.477
106	0.040	5.00		109.112	1200	536625.939	138544.369	2.357	106.755
107				108.851	1200	536624.526	138549.678	2.355	106.496
108	0.088	5.00		106.874	1350	536620.979	138595.791	1.833	105.041
109	0.136	5.00		106.729	1350	536687.824	138606.120	1.774	104.955
110				106.487	1350	536653.904	138598.280	1.640	104.847
111	0.247	5.00		106.557	1350	536646.950	138598.258	1.807	104.750
112				104.490	1350	536646.768	138654.295	1.650	102.840
IR01				101.953		536646.585	138710.333	1.774	100.179
113	0.051	5.00		107.100	1200	536565.015	138570.278	1.500	105.600
114				107.100	1200	536567.203	138585.847	1.593	105.507
115				107.100	1200	536577.614	138597.750	1.925	105.175
116	0.150	5.00		106.422	1200	536582.965	138600.129	1.516	104.906
IR02				104.905		536585.867	138635.871	1.650	103.255
IR03	0.166	5.00		104.125	1350	536586.896	138654.373	3.805	100.320
IR04	0.100	5.00		103.148	1350	536571.814	138673.396	2.338	100.810
IR05	0.012	5.00		101.612	1350	536571.879	138721.668	1.405	100.207
IR06	0.056	5.00		101.519	1500	536587.028	138721.504	2.049	99.470
IR07	0.109	5.00		101.582	1500	536646.550	138721.076	2.214	99.368
117	0.115	5.00		108.832	1200	536729.986	138562.161	1.678	107.154
118	0.088	5.00		107.253	1350	536728.262	138611.780	1.677	105.576
119	0.105	5.00		106.970	1350	536706.583	138610.703	1.575	105.395
120	0.143	5.00		104.949	1350	536705.482	138661.273	1.575	103.374
IR08				102.488		536704.380	138711.843	1.654	100.834
IR09	0.052	5.00		102.512	1200	536733.624	138724.502	2.002	100.510
IR10	0.142	5.00		102.225	1350	536703.967	138722.258	2.116	100.109

Nodes

Name	Area (ha)	T of E (mins)	Add Inflow (l/s)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
IR11	0.090	5.00		101.716	1950	536660.972	138721.343	2.862	98.854
IR12	0.112	5.00		101.663		536660.650	138729.502	2.824	98.839
121	0.110	5.00		99.200	1200	536655.168	138810.924	1.136	98.064
IR122	0.209	5.00		99.831	2100	536658.593	138781.630	2.788	97.043
IR123				99.500	2100	536726.849	138786.567	2.525	96.975
IR124				99.250		536777.667	138776.899	2.400	96.850
125	0.146	5.00		109.000	1350	536749.751	138551.024	1.650	107.350
126	0.091	5.00		107.500	1200	536882.484	138560.679	1.575	105.925
127				107.700	1200	536857.917	138554.064	1.879	105.821
128	0.125	5.00		108.915	1350	536831.621	138553.618	3.277	105.638
129	0.058	5.00		106.869	1200	536804.660	138614.482	1.425	105.444
130	0.134	5.00		106.507	1350	536829.559	138615.315	1.575	104.932
131	0.091	5.00		106.051	1200	536848.889	138618.561	1.500	104.551
132				105.674	1200	536879.162	138619.524	1.477	104.197
133	0.142	5.00		105.492	1200	536885.157	138622.896	1.655	103.837
134				103.715	1200	536882.937	138676.295	1.524	102.191
135	0.085	5.00		103.388	1500	536874.679	138683.416	1.773	101.615
136	0.145	5.00		103.933	1500	536827.044	138681.604	2.415	101.518
137				102.283	1500	536825.617	138716.966	1.880	100.403
IR13				101.700		536823.446	138733.452	1.887	99.813
138	0.130	5.00		106.689	1350	536782.063	138613.970	1.575	105.114
139	0.227	5.00		106.882	1350	536767.999	138613.398	1.825	105.057
140				103.949	1350	536764.782	138692.503	1.926	102.023
IR14				102.873		536759.434	138717.852	1.723	101.150
IR15	0.082	5.00		102.553	1350	536757.060	138728.367	1.666	100.887
IR16	0.044	5.00		101.945	1350	536790.781	138737.959	1.902	100.043
IR17	0.056	5.00		101.371	1800	536822.067	138743.924	1.950	99.421
IR18	0.146	5.00		100.821	1800	536850.951	138747.740	3.114	97.707
IR19	0.200	5.00		100.356	1200	536907.967	138750.143	1.565	98.791
142				99.250		536848.873	138772.022	2.400	96.850
IR143		5.00		99.250		536873.443	138787.431	2.412	96.838
144				99.250	2100	536882.010	138789.367	2.448	96.802
IR145				97.855	1200	536892.999	138792.196	1.100	96.755
*201	0.162	5.00		106.000	1350	537282.965	138522.107	1.575	104.425
*202	0.137	5.00		108.195	1500	537207.408	138535.203	4.559	103.636
*203				108.310	1500	537131.793	138548.070	4.830	103.480
*204	0.119	5.00		108.168	1500	537125.586	138555.197	4.708	103.460
*205	0.181	5.00		105.410	1350	537137.193	138623.382	2.250	103.160
*206				102.055	1350	537150.920	138700.611	1.957	100.098
*IR31				101.690		537154.083	138711.634	1.990	99.700
*IR32	0.400	5.00		103.059		537251.771	138692.712	1.723	101.336
*IR33	0.006	5.00		102.809	1350	537252.057	138702.445	1.925	100.884
*IR34	0.035	5.00		102.125	1350	537210.651	138707.370	1.864	100.261
*IR35	0.155	5.00		101.380		537174.959	138725.732	1.500	99.880
*IR36	0.045	5.00		101.624	1500	537172.739	138717.554	2.079	99.545
*IR37	0.023	5.00		101.430	1500	537156.881	138721.385	2.144	99.286
*IR38	0.155	5.00		100.720		537124.429	138739.198	1.438	99.282
*IR39	0.050	5.00		100.973	1800	537122.172	138730.937	2.126	98.847
*207	0.083	5.00		106.800	1200	536918.882	138562.933	1.500	105.300
*208				108.000	1200	536936.853	138563.139	2.880	105.120
*209				109.168	1200	536966.436	138559.695	4.346	104.822
*210	0.110	5.00		108.972	1200	536981.861	138560.373	4.304	104.668
*211	0.122	5.00		106.730	1350	536980.434	138620.684	2.384	104.346
*212	0.097	5.00		106.469	1500	537006.363	138621.629	2.428	104.041
*213				106.251	1500	537026.262	138624.120	2.245	104.006
*214	0.069	5.00		108.000	1200	537073.549	138557.524	1.425	106.575
*215	0.055	5.00		108.616	1200	537041.236	138561.630	2.308	106.308

**Nodes**

Name	Area (ha)	T of E (mins)	Add Inflow (l/s)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
*216	0.027	5.00		107.589	1200	537042.933	138587.255	1.500	106.089
*217	0.027	5.00		106.652	1200	537042.212	138610.547	1.500	105.152
*218	0.052	5.00		105.966	1350	537037.782	138626.864	2.100	103.866
*219	0.051	5.00		106.600	1200	537101.446	138599.356	2.146	104.454
*220	0.074	5.00		105.127	1200	537106.639	138628.480	1.500	103.627
*221	0.061	5.00		105.272	1350	537072.492	138634.701	1.862	103.410
*222				105.052	1500	537063.814	138640.658	1.825	103.227
*223	0.049	5.00		104.631	1500	537060.159	138650.384	1.725	102.906
*224				103.132	1500	537059.508	138680.647	1.734	101.398
*225	0.111	5.00		106.380	1200	536938.265	138619.324	1.437	104.943
*226				106.031	1200	536921.086	138618.687	1.462	104.569
*227	0.145	5.00		105.809	1200	536914.083	138623.367	1.936	103.873
*228				103.990	1200	536912.313	138678.208	1.500	102.490
*229	0.182	5.00		103.866	1500	536916.360	138684.525	1.725	102.141
*230	0.157	5.00		103.563	1500	536988.946	138687.288	1.725	101.838
*231	0.140	5.00		102.646	1800	537061.593	138690.053	3.701	98.945
*IR40				100.571		537071.004	138732.501	1.916	98.655
*IR41	0.106	5.00		100.487	1950	536920.779	138750.690	3.081	97.406
*IR42	0.100	5.00		100.162	1950	536981.964	138753.109	2.634	97.528
*IR43	0.128	5.00		99.885	1200	537004.034	138752.589	2.313	97.572
*IR44	0.097	5.00		99.900	1950	537042.710	138748.825	2.250	97.650
*IR45	0.052	5.00		100.354	1950	537073.184	138742.332	2.315	98.039
*IR46	0.063	5.00		100.705	1800	537100.728	138736.225	2.081	98.624
*IR52				94.164	2100	536935.678	138908.455	2.189	91.975
*232	0.103	5.00		100.156	1200	537105.147	138756.168	1.474	98.682
*233	0.222	5.00		98.591	1350	537113.687	138798.749	1.660	96.931
*234	0.184	5.00		97.643	1350	537044.356	138812.473	1.650	95.993
*235				96.810	1350	537048.657	138841.782	1.652	95.158
*IR48	0.187	5.00		98.714	1950	536918.097	138800.197	2.346	96.368
*IR49	0.015	5.00		97.504	1950	536917.314	138818.579	2.418	95.086
*IR50	0.133	5.00		96.613	1950	536919.673	138835.557	2.341	94.272
*IR51	0.032	5.00		94.365	1950	536933.500	138902.539	2.377	91.988
*240b	0.065	5.00		94.400	1200	536947.531	138899.869	0.826	93.574
*236	0.154	5.00		97.690	1200	536948.714	138812.342	1.500	96.190
*237	0.121	5.00		97.350	1200	537023.034	138815.003	1.525	95.825
*238	0.083	5.00		97.240	1350	536987.656	138814.803	1.635	95.605
*239	0.105	5.00		96.025	1350	536985.869	138852.837	1.575	94.450
*240	0.073	5.00		94.807	1500	536993.343	138890.537	1.975	92.832
*241				95.829	1800	537055.496	138876.991	3.092	92.737
*IR242				94.300		537061.354	138898.606	2.700	91.600
*IR243		5.00		94.300		537038.101	138908.140	2.700	91.600
*IR245				92.200	1200	536975.712	138978.138	1.029	91.171
*IR246				92.050	1200	536977.285	138982.924	0.900	91.150
*247	0.102	5.00		97.500	1200	537119.544	138826.121	1.425	96.075
*248				96.650	1200	537126.432	138864.064	1.425	95.225
*249				94.300		537124.216	138883.740	2.700	91.600
*IR244				94.300	2100	537034.993	138915.882	2.735	91.565
*IR53				94.200	2100	536993.332	138901.233	2.341	91.859
*IR54				95.850	2100	537057.926	138885.957	4.124	91.726
**IR51b	0.014	5.00		102.588	1200	537289.487	138701.247	1.464	101.124
**IR52b	0.120	5.00		101.790		537316.315	138689.996	1.030	100.760
**IR53b	0.029	5.00		101.757	1200	537316.538	138700.025	1.425	100.332
**IR54b	0.036	5.00		101.365	1200	537336.196	138700.085	1.135	100.230
**IR55	0.029	5.00		101.588	1200	537322.503	138700.244	1.524	100.064
**IR301				100.600		537322.423	138717.230	1.000	99.600
**IR302		5.00		100.600		537340.677	138721.235	1.000	99.600
**IR303				100.600	1200	537345.322	138721.833	2.131	98.469
**IR304				99.300		537354.917	138722.527	1.000	98.300

Nodes

Name	Area (ha)	T of E (mins)	Add Inflow (l/s)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
***S278 01	0.087	5.00		124.433	1200	537656.783	138268.547	1.678	122.755
***S279 02	0.003	5.00		123.809	1200	537636.223	138290.038	1.425	122.384
***S278 03		5.00		124.256	1200	537663.984	138310.984	1.678	122.578
***S278 04				123.910	1200	537650.063	138305.811	2.207	121.703
***S278 05				123.644	1200	537637.305	138322.044	2.063	121.581
***IR61	0.042	5.00		122.230	1200	537611.046	138343.916	1.736	120.494
***IR62	0.016	5.00		120.666	1200	537562.418	138354.607	1.425	119.241
***IR63	0.032	5.00		119.386	1200	537532.845	138354.950	1.448	117.938
***IR64	0.016	5.00		118.268	1200	537510.229	138350.900	1.454	116.814
***IR65				117.487	1200	537493.502	138346.965	1.533	115.954
***IR66	0.018	5.00		116.896	1200	537472.950	138353.944	1.600	115.296
***IR67		5.00	1.5	116.620	1200	537455.157	138365.104	2.150	114.470
***IR68	0.020	5.00		116.545	1200	537462.687	138371.287	2.215	114.330
***IR69	0.070	5.00		114.272	1200	537461.974	138446.105	1.606	112.666
***IR70	0.020	5.00		113.598	1200	537467.173	138469.608	1.525	112.073
***IR71	0.062	5.00		112.801	1350	537473.247	138489.251	1.600	111.201
***IR72	0.335	5.00		111.306	1350	537479.596	138527.641	1.665	109.641
***IR73	0.105	5.00		108.156	1500	537493.206	138610.240	1.740	106.416
***IR74	0.057	5.00		106.944	1500	537497.908	138642.619	1.777	105.167
***IR75	0.062	5.00		106.127	1500	537492.585	138664.773	2.016	104.111
***IR76	0.044	5.00		105.240	1500	537477.627	138688.230	1.811	103.429
***IR77	0.054	5.00		104.449	1500	537461.048	138698.052	1.725	102.724
***IR401	0.120	5.00		112.743	1200	537437.568	138479.095	2.350	110.393
***IR402	0.102	5.00		109.420	1200	537355.921	138505.230	2.270	107.150
***IR403				110.314	1350	537390.718	138494.092	3.389	106.925
***IR404	0.024	5.00		109.691	1350	537398.674	138517.987	2.844	106.847
***IR405	0.069	5.00		108.997	1350	537406.333	138540.513	2.224	106.773
***406	0.126	5.00		110.526	1200	537454.249	138531.484	1.718	108.808
***407				109.019	1200	537418.996	138542.846	1.526	107.493
***IR408	0.026	5.00		108.651	1350	537411.833	138549.714	1.912	106.739
***IR409	0.152	5.00		108.348	1350	537416.780	138557.990	2.550	105.798
***IR410				106.669	1350	537426.252	138614.151	1.650	105.019
***411	0.130	5.00		107.851	1200	537472.036	138612.780	2.351	105.500
***IR412				106.669	1500	537432.885	138619.091	2.435	104.234
***413	0.083	5.00		107.211	1200	537404.169	138579.850	2.723	104.488
***414	0.068	5.00		106.700	1200	537352.770	138552.947	1.844	104.856
***415	0.104	5.00		104.662	1350	537358.200	138587.588	2.942	101.720
***416				103.161	1350	537367.169	138641.118	1.684	101.477
***417	0.128	5.00		103.369	1500	537375.044	138646.460	2.201	101.168
***IR418				105.797	1800	537427.027	138637.823	4.959	100.838
***IR419	0.107	5.00		105.819	1800	537430.830	138640.426	4.990	100.829
***IR78				104.065	1800	537439.458	138693.367	3.343	100.722
***IR79	0.015	5.00		103.686	1800	537440.224	138703.650	2.985	100.701
***IR80	0.123	5.00		103.076	1800	537423.948	138704.877	2.691	100.385
***IR81				101.634	1800	537376.143	138701.013	2.134	99.500
***IR420				100.750		537374.060	138726.780	2.937	97.813
***421	0.160	5.00		105.029	1200	537488.915	138699.678	1.425	103.604
***422				104.459	1200	537502.301	138709.100	1.425	103.034
***423				104.144	1200	537504.958	138717.183	1.500	102.644
***424				102.200	1200	537504.472	138761.899	1.500	100.700
***425				101.750	1200	537490.368	138761.746	1.500	100.250
***426	0.053	5.00		102.200	1350	537476.957	138757.508	2.158	100.042
***IR82	0.057	5.00		102.066	1350	537433.553	138756.248	2.131	99.935
***IR83	0.083	5.00		102.626	1200	537423.994	138725.648	2.054	100.572
***IR84	0.040	5.00		101.611	1200	537422.414	138764.717	1.425	100.186
***IR85				101.916	1350	537422.862	138753.616	2.329	99.587
***IR86				100.750		537409.442	138753.163	2.937	97.813
***IR427		5.00		100.650		537373.301	138751.542	2.837	97.813

Nodes

Name	Area (ha)	T of E (mins)	Add Inflow (l/s)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
***IR428				100.650	2100	537365.023	138753.474	2.887	97.763
***IR429				98.800		537352.402	138756.420	1.100	97.700

Links (Input)

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
1.000	101	102	23.259	0.600	107.500	107.075	0.425	54.7	225	5.22	150.0
1.001	102	103	50.936	0.600	107.000	106.792	0.208	244.9	300	6.07	150.0
1.002	103	106	8.959	0.600	106.792	106.755	0.037	242.1	300	6.22	150.0
2.000	104	105	20.778	0.600	107.600	107.477	0.123	168.9	225	5.35	150.0
2.001	105	106	17.004	0.600	107.477	106.830	0.647	26.3	225	5.46	150.0
1.003	106	107	5.494	0.600	106.755	106.496	0.259	21.2	300	6.24	150.0
1.004	107	108	46.249	0.600	106.496	105.116	1.379	33.5	300	6.53	150.0
1.005	108	111	26.088	0.600	105.041	104.825	0.216	120.6	375	6.79	150.0
3.000	109	110	34.814	0.600	104.955	104.847	0.108	322.4	375	5.58	150.0
3.001	110	111	6.954	0.600	104.847	104.825	0.022	316.1	375	5.69	150.0
1.006	111	112	56.037	0.600	104.750	102.840	1.910	29.3	450	7.04	150.0
1.007	112	IR01	56.038	0.600	102.840	100.179	2.661	21.1	450	7.25	149.4
S18.00	IR01	IR07	10.743	0.600	100.179	99.518	0.661	16.3	450	7.28	149.1
4.000	113	114	15.722	0.600	105.600	105.507	0.093	169.1	225	5.26	150.0
4.001	114	115	15.814	0.600	105.507	105.175	0.332	47.6	225	5.40	150.0
4.002	115	116	5.856	0.600	105.175	104.981	0.194	30.2	225	5.44	150.0
4.003	116	IR02	35.860	0.600	104.906	103.405	1.501	23.9	300	5.63	150.0
4.004	IR02	IR03	18.531	0.600	103.255	102.475	0.780	23.8	450	5.70	150.0
4.005	IR03	IR06	67.131	0.600	100.320	99.620	0.700	95.9	450	6.24	150.0
5.000	IR04	IR05	48.272	0.600	100.810	100.207	0.603	80.1	375	5.40	150.0
S16.001	IR05	IR06	15.150	0.600	100.207	99.695	0.512	29.6	375	5.47	150.0
S16.002	IR06	IR07	59.524	0.600	99.470	99.368	0.102	583.6	600	7.23	149.5
S16.003	IR07	IR11	14.424	0.600	99.368	99.304	0.064	225.4	600	7.43	147.9
6.000	117	118	49.649	0.600	107.154	105.726	1.428	34.8	225	5.37	150.0
6.001	118	119	21.706	0.600	105.576	105.395	0.181	119.7	375	5.59	150.0
6.002	119	120	50.582	0.600	105.395	103.374	2.021	25.0	375	5.82	150.0
6.003	120	IR08	50.582	0.600	103.374	100.834	2.540	19.9	375	6.03	150.0
S15.000	IR08	IR10	10.423	0.600	100.834	100.184	0.650	16.0	375	6.07	150.0
S14.000	IR09	IR10	29.742	0.600	100.510	100.334	0.176	169.0	225	5.49	150.0
S14.001	IR10	IR11	43.005	0.600	100.109	99.454	0.655	65.7	450	6.35	150.0
S14.002	IR11	IR12	8.165	0.600	98.854	98.839	0.015	544.4	1050	7.52	147.1
1.011	IR12	IR122	52.169	0.600	98.839	97.193	1.646	31.7	1050	7.67	146.0
8.000	121	IR122	29.494	0.600	98.064	97.943	0.121	243.7	300	5.49	150.0
1.012	IR122	IR123	68.434	0.600	97.043	96.975	0.068	1006.4	1200	8.64	138.6
1.013	IR123	IR124	51.729	0.600	96.975	96.900	0.075	689.7	1200	9.25	134.3
9.000	125	128	81.911	0.600	107.350	107.097	0.253	323.8	375	6.36	150.0
10.000	126	127	25.442	0.600	105.925	105.821	0.104	244.6	300	5.42	150.0
10.001	127	128	26.300	0.600	105.821	105.713	0.108	243.5	300	5.86	150.0
9.001	128	130	61.731	0.600	105.638	104.932	0.706	87.4	375	6.89	150.0
11.000	129	130	24.913	0.600	105.444	105.082	0.362	68.8	225	5.26	150.0
9.002	130	136	66.337	0.600	104.932	102.358	2.574	25.8	375	7.20	149.8
12.000	131	132	30.288	0.600	104.551	104.197	0.354	85.6	225	5.36	150.0
12.001	132	133	6.878	0.600	104.197	103.912	0.285	24.1	225	5.40	150.0
12.002	133	134	53.472	0.600	103.837	102.191	1.646	32.5	300	5.72	150.0
12.003	134	135	10.904	0.600	102.191	101.840	0.351	31.1	300	5.79	150.0
12.004	135	136	47.669	0.600	101.615	101.518	0.097	491.4	525	6.58	150.0
9.003	136	137	35.391	0.600	101.518	100.403	1.115	31.8	525	7.35	148.6
9.004	137	IR13	16.628	0.600	100.403	99.888	0.516	32.3	525	7.42	148.0
S13.000	IR13	IR17	10.562	0.600	99.813	99.571	0.242	43.7	600	7.47	147.6
13.000	138	139	14.076	0.600	105.114	105.057	0.057	246.9	375	5.20	150.0
13.001	139	140	79.170	0.600	105.057	102.023	3.034	26.1	375	5.58	150.0
13.002	140	IR14	25.907	0.600	102.023	101.225	0.799	32.4	375	5.71	150.0