






**By Received at 2:42 pm, Nov 09, 2020**


EWE Associates Ltd						Page 1			
Windy Ridge Barn Thealby Lane Winterton DN15 9TG									
Date 22/02/2020 12:32 File 100yr+CC40%Winter...			Designed By Windows7 Checked By						
Micro Drainage			Network W.12.4						
<u>Existing Network Details for Storm</u>									
PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	T.E. (mins)	k (mm)	HYD SECT	DIA (mm)	
1.000	56.000	1.500	37.3	0.092	4.00	0.600	o	225	
1.001	48.000	0.800	60.0	0.100	0.00	0.600	o	325	
1.002	55.000	1.800	30.6	0.098	0.00	0.600	o	375	
1.003	76.000	6.040	12.6	0.102	0.00	0.600	o	375	
2.000	40.000	1.400	28.6	0.177	4.00	0.600	o	300	
2.001	37.000	2.910	12.7	0.123	0.00	0.600	o	300	
2.002	39.000	0.770	50.6	0.061	0.00	0.600	o	325	
2.003	30.000	0.640	46.9	0.039	0.00	0.600	o	600	
3.000	31.000	2.000	15.5	0.106	4.00	0.600	o	225	
4.000	33.000	1.000	33.0	0.022	4.00	0.600	o	225	
3.001	54.000	3.520	15.3	0.107	0.00	0.600	o	300	
2.004	48.000	0.240	200.0	0.111	0.00	0.600	o	600	
5.000	48.000	4.260	11.3	0.079	4.00	0.600	o	225	
PN	US/MH Name	US/CL (m)	US/IL (m)	US C.Depth (m)	DS/CL (m)	DS/IL (m)	DS C.Depth (m)	Ctrl	US/MH (mm)
1.000	1	176.500	175.300	0.975	175.000	173.800	0.975		1050
1.001	2	175.000	173.800	0.875	174.500	173.000	1.175		1050
1.002	3	174.500	173.000	1.125	172.700	171.200	1.125		1350
1.003	4	172.700	171.200	1.125	167.700	165.160	2.165		1350
2.000	5	172.700	171.200	1.200	171.300	169.800	1.200		1050
2.001	6	171.300	169.800	1.200	169.300	166.890	2.110		1050
2.002	7	169.300	166.890	2.085	168.000	166.120	1.555		1200
2.003	8	168.000	166.120	1.280	168.000	165.480	1.920		1500
3.000	9	172.300	171.000	1.075	170.500	169.000	1.275		1050
4.000	10	171.300	170.000	1.075	170.500	169.000	1.275		1050
3.001	11	170.500	169.000	1.200	168.000	165.480	2.220		1050
2.004	12	168.000	165.480	1.920	167.800	165.240	1.960		1500
5.000	13	170.500	169.500	0.775	167.800	165.240	2.335		1050
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EWE Associates Ltd							Page 2		
Windy Ridge Barn Thealby Lane Winterton DN15 9TG									
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Micro Drainage			Network W.12.4						
Existing Network Details for Storm									
PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	T.E. (mins)	k (mm)	HYD SECT	DIA (mm)	
2.005	16.000	0.080	200.0	0.013	0.00	0.600	o	600	
1.004	55.000	0.280	196.4	0.112	0.00	0.600	o	675	
6.000	38.000	0.500	76.0	0.092	4.00	0.600	o	300	
7.000	46.000	1.500	30.7	0.091	4.00	0.600	o	300	
6.001	76.000	5.620	13.5	0.156	0.00	0.600	o	300	
1.005	23.000	0.120	191.7	0.020	0.00	0.600	o	675	
1.006	24.000	0.120	200.0	0.021	0.00	0.600	o	675	
8.000	69.000	5.560	12.4	0.192	4.00	0.600	o	225	
1.007	58.000	0.890	65.2	0.127	0.00	0.600	o	675	
1.008	20.000	0.100	200.0	0.038	0.00	0.600	o	750	
9.000	46.000	1.000	46.0	0.050	4.00	0.600	o	225	
9.001	23.000	2.000	11.5	0.104	0.00	0.600	o	225	
PN	US/MH Name	US/CL (m)	US/IL (m)	US C.Depth (m)	DS/CL (m)	DS/IL (m)	DS C.Depth (m)	Ctrl	US/MH (mm)
2.005	14	167.800	165.240	1.960	167.700	165.160	1.940		1500
1.004	15	167.700	165.160	1.865	167.500	164.880	1.945		1500
6.000	16	172.700	171.000	1.400	173.000	170.500	2.200		1050
7.000	17	174.000	172.000	1.700	173.000	170.500	2.200		1200
6.001	18	173.000	170.500	2.200	167.500	164.880	2.320		1200
1.005	19	167.500	164.880	1.945	167.200	164.760	1.765		1500
1.006	20	167.200	164.760	1.765	167.000	164.640	1.685		1500
8.000	21	171.500	170.200	1.075	167.000	164.640	2.135		1050
1.007	22	167.000	164.640	1.685	166.000	163.750	1.575		1500
1.008	23	166.000	163.750	1.500	166.000	163.650	1.600		1800
9.000	24	174.000	173.000	0.775	173.500	172.000	1.275		1050
9.001	25	173.500	172.000	1.275	171.500	170.000	1.275		1050
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EWE Associates Ltd						Page 3																																																																																																																																																																																																																																																																													
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<p style="text-align: center;"><u>Existing Network Details for Storm</u></p> <table><tr><th>PN</th><th>Length (m)</th><th>Fall (m)</th><th>Slope (1:X)</th><th>Area (ha)</th><th>T.E. (mins)</th><th>k (mm)</th><th>HYD SECT</th><th>DIA (mm)</th></tr><tr><td>9.002</td><td>30.000</td><td>2.500</td><td>12.0</td><td>0.105</td><td>0.00</td><td>0.600</td><td>o</td><td>300</td></tr><tr><td>9.003</td><td>27.000</td><td>1.500</td><td>18.0</td><td>0.060</td><td>0.00</td><td>0.600</td><td>o</td><td>325</td></tr><tr><td>9.004</td><td>24.000</td><td>2.350</td><td>10.2</td><td>0.020</td><td>0.00</td><td>0.600</td><td>o</td><td>325</td></tr><tr><td>1.009</td><td>30.000</td><td>0.150</td><td>200.0</td><td>0.070</td><td>0.00</td><td>0.600</td><td>o</td><td>825</td></tr><tr><td>1.010</td><td>28.000</td><td>0.140</td><td>200.0</td><td>0.060</td><td>0.00</td><td>0.600</td><td>o</td><td>900</td></tr><tr><td>10.000</td><td>41.000</td><td>2.260</td><td>18.1</td><td>0.092</td><td>4.00</td><td>0.600</td><td>o</td><td>225</td></tr><tr><td>11.000</td><td>51.000</td><td>0.260</td><td>196.2</td><td>0.070</td><td>4.00</td><td>0.600</td><td>o</td><td>300</td></tr><tr><td>10.001</td><td>36.000</td><td>3.380</td><td>10.7</td><td>0.031</td><td>0.00</td><td>0.600</td><td>o</td><td>300</td></tr><tr><td>1.011</td><td>26.000</td><td>0.130</td><td>200.0</td><td>0.024</td><td>0.00</td><td>0.600</td><td>o</td><td>900</td></tr><tr><td>1.012</td><td>19.000</td><td>1.500</td><td>12.7</td><td>0.077</td><td>0.00</td><td>0.600</td><td>o</td><td>900</td></tr><tr><td>1.013</td><td>50.000</td><td>0.250</td><td>200.0</td><td>0.133</td><td>0.00</td><td>0.600</td><td>o</td><td>900</td></tr><tr><td>12.000</td><td>86.000</td><td>0.430</td><td>200.0</td><td>0.131</td><td>4.00</td><td>0.600</td><td>o</td><td>300</td></tr><tr><td>12.001</td><td>49.000</td><td>3.090</td><td>15.9</td><td>0.107</td><td>0.00</td><td>0.600</td><td>o</td><td>300</td></tr></table> <table><tr><th>PN</th><th>US/MH Name</th><th>US/CL (m)</th><th>US/IL (m)</th><th>US C.Depth (m)</th><th>DS/CL (m)</th><th>DS/IL (m)</th><th>DS C.Depth (m)</th><th>Ctrl</th><th>US/MH (mm)</th></tr><tr><td>9.002</td><td>26</td><td>171.500</td><td>170.000</td><td>1.200</td><td>169.000</td><td>167.500</td><td>1.200</td><td></td><td>1050</td></tr><tr><td>9.003</td><td>27</td><td>169.000</td><td>167.500</td><td>1.175</td><td>167.500</td><td>166.000</td><td>1.175</td><td></td><td>1050</td></tr><tr><td>9.004</td><td>28</td><td>167.500</td><td>166.000</td><td>1.175</td><td>166.000</td><td>163.650</td><td>2.025</td><td></td><td>1050</td></tr><tr><td>1.009</td><td>29</td><td>166.000</td><td>163.650</td><td>1.525</td><td>166.000</td><td>163.500</td><td>1.675</td><td></td><td>1800</td></tr><tr><td>1.010</td><td>30</td><td>166.000</td><td>163.500</td><td>1.600</td><td>166.200</td><td>163.360</td><td>1.940</td><td></td><td>1800</td></tr><tr><td>10.000</td><td>31</td><td>171.000</td><td>169.000</td><td>1.775</td><td>168.700</td><td>166.740</td><td>1.735</td><td></td><td>1200</td></tr><tr><td>11.000</td><td>32</td><td>168.000</td><td>167.000</td><td>0.700</td><td>168.700</td><td>166.740</td><td>1.660</td><td></td><td>1050</td></tr><tr><td>10.001</td><td>33</td><td>168.700</td><td>166.740</td><td>1.660</td><td>166.200</td><td>163.360</td><td>2.540</td><td></td><td>1200</td></tr><tr><td>1.011</td><td>34</td><td>166.200</td><td>163.360</td><td>1.940</td><td>165.000</td><td>163.230</td><td>0.870</td><td></td><td>1800</td></tr><tr><td>1.012</td><td>35</td><td>165.000</td><td>163.230</td><td>0.870</td><td>164.600</td><td>161.730</td><td>1.970</td><td></td><td>1800</td></tr><tr><td>1.013</td><td>36</td><td>164.600</td><td>161.730</td><td>1.970</td><td>164.200</td><td>161.480</td><td>1.820</td><td></td><td>1800</td></tr><tr><td>12.000</td><td>37</td><td>166.000</td><td>165.000</td><td>0.700</td><td>167.100</td><td>164.570</td><td>2.230</td><td></td><td>1050</td></tr><tr><td>12.001</td><td>38</td><td>167.100</td><td>164.570</td><td>2.230</td><td>164.200</td><td>161.480</td><td>2.420</td><td></td><td>1200</td></tr></table>										PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	T.E. (mins)	k (mm)	HYD SECT	DIA (mm)	9.002	30.000	2.500	12.0	0.105	0.00	0.600	o	300	9.003	27.000	1.500	18.0	0.060	0.00	0.600	o	325	9.004	24.000	2.350	10.2	0.020	0.00	0.600	o	325	1.009	30.000	0.150	200.0	0.070	0.00	0.600	o	825	1.010	28.000	0.140	200.0	0.060	0.00	0.600	o	900	10.000	41.000	2.260	18.1	0.092	4.00	0.600	o	225	11.000	51.000	0.260	196.2	0.070	4.00	0.600	o	300	10.001	36.000	3.380	10.7	0.031	0.00	0.600	o	300	1.011	26.000	0.130	200.0	0.024	0.00	0.600	o	900	1.012	19.000	1.500	12.7	0.077	0.00	0.600	o	900	1.013	50.000	0.250	200.0	0.133	0.00	0.600	o	900	12.000	86.000	0.430	200.0	0.131	4.00	0.600	o	300	12.001	49.000	3.090	15.9	0.107	0.00	0.600	o	300	PN	US/MH Name	US/CL (m)	US/IL (m)	US C.Depth (m)	DS/CL (m)	DS/IL (m)	DS C.Depth (m)	Ctrl	US/MH (mm)	9.002	26	171.500	170.000	1.200	169.000	167.500	1.200		1050	9.003	27	169.000	167.500	1.175	167.500	166.000	1.175		1050	9.004	28	167.500	166.000	1.175	166.000	163.650	2.025		1050	1.009	29	166.000	163.650	1.525	166.000	163.500	1.675		1800	1.010	30	166.000	163.500	1.600	166.200	163.360	1.940		1800	10.000	31	171.000	169.000	1.775	168.700	166.740	1.735		1200	11.000	32	168.000	167.000	0.700	168.700	166.740	1.660		1050	10.001	33	168.700	166.740	1.660	166.200	163.360	2.540		1200	1.011	34	166.200	163.360	1.940	165.000	163.230	0.870		1800	1.012	35	165.000	163.230	0.870	164.600	161.730	1.970		1800	1.013	36	164.600	161.730	1.970	164.200	161.480	1.820		1800	12.000	37	166.000	165.000	0.700	167.100	164.570	2.230		1050	12.001	38	167.100	164.570	2.230	164.200	161.480	2.420		1200
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9.003	27.000	1.500	18.0	0.060	0.00	0.600	o	325																																																																																																																																																																																																																																																																											
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9.003	27	169.000	167.500	1.175	167.500	166.000	1.175		1050																																																																																																																																																																																																																																																																										
9.004	28	167.500	166.000	1.175	166.000	163.650	2.025		1050																																																																																																																																																																																																																																																																										
1.009	29	166.000	163.650	1.525	166.000	163.500	1.675		1800																																																																																																																																																																																																																																																																										
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PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	T.E. (mins)	k (mm)	HYD SECT	DIA (mm)	
1.014	27.000	0.090	300.0	0.023	0.00	0.600	o	975	
1.015	98.000	0.790	124.1	0.188	0.00	0.600	o	975	
1.016	15.000	0.100	150.0	0.032	0.00	0.600	o	975	
13.000	20.000	0.200	100.0	0.024	4.00	0.600	o	225	
13.001	42.000	1.000	42.0	0.096	0.00	0.600	o	300	
13.002	58.000	1.100	52.7	0.000	0.00	0.600	o	300	
14.000	37.000	1.000	37.0	0.071	4.00	0.600	o	225	
13.003	18.000	0.500	36.0	0.000	0.00	0.600	o	300	
13.004	32.000	0.500	64.0	0.000	0.00	0.600	o	300	
15.000	45.000	1.500	30.0	0.112	4.00	0.600	o	225	
13.005	63.000	0.700	90.0	0.000	0.00	0.600	o	375	
13.006	74.000	0.500	148.0	0.113	0.00	0.600	o	450	
16.000	48.000	1.900	25.3	0.050	4.00	0.600	o	225	
PN	US/MH Name	US/CL (m)	US/IL (m)	US C.Depth (m)	DS/CL (m)	DS/IL (m)	DS C.Depth (m)	Ctrl	US/MH (mm)
1.014	39	164.200	161.480	1.745	163.500	161.390	1.135		1800
1.015	40	163.500	161.390	1.135	162.500	160.600	0.925		1800
1.016	41	162.500	160.600	0.925	162.000	160.500	0.525		1800
13.000	42	169.300	167.800	1.275	169.000	167.600	1.175		1050
13.001	43	169.000	167.600	1.100	168.000	166.600	1.100		1050
13.002	44	168.000	166.600	1.100	167.000	165.500	1.200		1050
14.000	45	168.000	166.500	1.275	167.000	165.500	1.275		1050
13.003	46	167.000	165.500	1.200	166.500	165.000	1.200		1050
13.004	47	166.500	165.000	1.200	166.200	164.500	1.400		1050
15.000	48	168.000	166.000	1.775	166.200	164.500	1.475		1200
13.005	49	166.200	164.500	1.325	165.800	163.800	1.625		1350
13.006	50	165.800	163.800	1.550	165.500	163.300	1.750		1350
16.000	51	167.200	165.200	1.775	165.500	163.300	1.975		1200
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EWE Associates Ltd						Page 5				
Windy Ridge Barn Thealby Lane Winterton DN15 9TG										
Date 22/02/2020 12:32 File 100yr+CC40%Winter...			Designed By Windows7 Checked By							
Micro Drainage			Network W.12.4							
<u>Existing Network Details for Storm</u>										
	PN	Length (m)	Fall (m)	Slope (1:X)	Area (ha)	T.E. (mins)	k (mm)	HYD SECT	DIA (mm)	
	13.007	30.000	0.300	100.0	0.043	0.00	0.600	o	450	
	13.008	54.000	0.500	108.0	0.070	0.00	0.600	o	450	
	17.000	44.000	1.500	29.3	0.040	4.00	0.600	o	225	
	13.009	59.000	1.000	59.0	0.081	0.00	0.600	o	450	
	13.010	47.000	0.500	94.0	0.020	0.00	0.600	o	525	
	18.000	47.000	1.600	29.4	0.070	4.00	0.600	o	225	
	13.011	65.000	0.500	130.0	0.081	0.00	0.600	o	600	
	1.017	50.000	2.500	20.0	0.000	0.00	0.600	o	975	
	PN	US/MH Name	US/CL (m)	US/IL (m)	US C.Depth (m)	DS/CL (m)	DS/IL (m)	DS C.Depth (m)	Ctrl	US/MH (mm)
	13.007	52	165.500	163.300	1.750	165.100	163.000	1.650		1350
	13.008	53	165.100	163.000	1.650	164.500	162.500	1.550		1350
	17.000	54	166.000	164.000	1.775	164.500	162.500	1.775		1200
	13.009	55	164.500	162.500	1.550	163.500	161.500	1.550		1350
	13.010	56	163.500	161.500	1.475	162.500	161.000	0.975		1500
	18.000	57	164.600	162.600	1.775	162.500	161.000	1.275		1200
	13.011	58	162.500	161.000	0.900	162.000	160.500	0.900		1500
	1.017	59	162.000	160.500	0.525	159.600	158.000	0.625	Hydro-Brake®	1800
<u>Free Flowing Outfall Details for Storm</u>										
	Outfall Pipe Number	Outfall Name	C. Level (m)	I. Level (m)	Min I. Level (m)	D,L (mm)	W (mm)			
	1.017		159.600	158.000	158.000	0	0			
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EWE Associates Ltd		Page 6																																																																
Windy Ridge Barn Thealby Lane Winterton DN15 9TG																																																																		
Date 22/02/2020 12:32	Designed By Windows7																																																																	
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<div>Simulation Criteria for Storm</div> <table><tr><td>Volumetric Runoff Coeff</td><td>0.840</td><td>Foul Sewage per hectare (l/s)</td><td>0.000</td></tr><tr><td>PIMP (% impervious)</td><td>100</td><td>Additional Flow - % of Total Flow</td><td>40.000</td></tr><tr><td>Areal Reduction Factor</td><td>1.000</td><td>MADD Factor * 10m³/ha Storage</td><td>2.000</td></tr><tr><td>Hot Start (mins)</td><td>0</td><td>Run Time (mins)</td><td>960</td></tr><tr><td>Hot Start Level (mm)</td><td>0</td><td>Output Interval (mins)</td><td>8</td></tr><tr><td>Manhole Headloss Coeff (Global)</td><td>0.500</td><td></td><td></td></tr></table> <table><tr><td>Number of Input Hydrographs</td><td>0</td><td>Number of Storage Structures</td><td>1</td></tr><tr><td>Number of Online Controls</td><td>1</td><td>Number of Time/Area Diagrams</td><td>0</td></tr><tr><td>Number of Offline Controls</td><td>0</td><td></td><td></td></tr></table> <div>Synthetic Rainfall Details</div> <table><tr><td>Rainfall Model</td><td>FEH</td></tr><tr><td>Return Period (years)</td><td>100</td></tr><tr><td>Site Location</td><td>448050 359750 SK 48050 59750</td></tr><tr><td>C (1km)</td><td>-0.026</td></tr><tr><td>D1 (1km)</td><td>0.351</td></tr><tr><td>D2 (1km)</td><td>0.385</td></tr><tr><td>D3 (1km)</td><td>0.287</td></tr><tr><td>E (1km)</td><td>0.305</td></tr><tr><td>F (1km)</td><td>2.400</td></tr><tr><td>Summer Storms</td><td>No</td></tr><tr><td>Winter Storms</td><td>Yes</td></tr><tr><td>Cv (Summer)</td><td>0.750</td></tr><tr><td>Cv (Winter)</td><td>0.840</td></tr><tr><td>Storm Duration (mins)</td><td>480</td></tr></table>			Volumetric Runoff Coeff	0.840	Foul Sewage per hectare (l/s)	0.000	PIMP (% impervious)	100	Additional Flow - % of Total Flow	40.000	Areal Reduction Factor	1.000	MADD Factor * 10m³/ha Storage	2.000	Hot Start (mins)	0	Run Time (mins)	960	Hot Start Level (mm)	0	Output Interval (mins)	8	Manhole Headloss Coeff (Global)	0.500			Number of Input Hydrographs	0	Number of Storage Structures	1	Number of Online Controls	1	Number of Time/Area Diagrams	0	Number of Offline Controls	0			Rainfall Model	FEH	Return Period (years)	100	Site Location	448050 359750 SK 48050 59750	C (1km)	-0.026	D1 (1km)	0.351	D2 (1km)	0.385	D3 (1km)	0.287	E (1km)	0.305	F (1km)	2.400	Summer Storms	No	Winter Storms	Yes	Cv (Summer)	0.750	Cv (Winter)	0.840	Storm Duration (mins)	480
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EWE Associates Ltd		Page 7																																																																					
Windy Ridge Barn Thealby Lane Winterton DN15 9TG																																																																							
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EWE Associates Ltd		Page 8
Windy Ridge Barn Thealby Lane Winterton DN15 9TG		
Date 22/02/2020 12:32 File 100yr+CC40%Winter...	Designed By Windows7 Checked By	
Micro Drainage	Network W.12.4	

Storage Structures for Storm


Tank or Pond Manhole: 59, DS/PN: 1.017


Invert Level (m) 160.500

Depth (m)	Area (m <sup>2</sup> )	Depth (m)	Area (m <sup>2</sup> )	Depth (m)	Area (m <sup>2</sup> )	Depth (m)	Area (m <sup>2</sup> )
0.000	2435.0	1.400	3814.0	2.800	4020.0	4.200	4020.0
0.200	2624.0	1.600	4020.0	3.000	4020.0	4.400	4020.0
0.400	2816.0	1.800	4020.0	3.200	4020.0	4.600	4020.0
0.600	3010.0	2.000	4020.0	3.400	4020.0	4.800	4020.0
0.800	3208.0	2.200	4020.0	3.600	4020.0	5.000	4020.0
1.000	3407.0	2.400	4020.0	3.800	4020.0		
1.200	3609.0	2.600	4020.0	4.000	4020.0		

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EWE Associates Ltd						Page 9		
Windy Ridge Barn Thealby Lane Winterton DN15 9TG								
Date 22/02/2020 12:32 File 100yr+CC40%Winter...			Designed By Windows7 Checked By					
Micro Drainage			Network W.12.4					
<u>Summary of Results for 480 minute 100 year Winter (Storm)</u>								
Margin for Flood Risk Warning (mm)						450.0	DVD Status OFF	
Analysis Timestep						Fine	Inertia Status OFF	
DTS Status						ON		
PN	US/MH Name	Water Level (m)	Surcharged Depth (m)	Flooded Volume (m³)	Flow / Cap.	Overflow (l/s)	Pipe Flow (l/s)	Status
1.000	1	175.343	-0.182	0.000	0.08	0.0	6.9	OK
1.001	2	173.864	-0.261	0.000	0.09	0.0	14.3	OK
1.002	3	173.061	-0.314	0.000	0.06	0.0	21.6	OK
1.003	4	171.256	-0.319	0.000	0.05	0.0	29.2	OK
2.000	5	171.251	-0.249	0.000	0.07	0.0	13.2	OK
2.001	6	169.855	-0.245	0.000	0.08	0.0	22.4	OK
2.002	7	166.974	-0.241	0.000	0.15	0.0	26.9	OK
2.003	8	166.194	-0.526	0.000	0.04	0.0	29.8	OK
3.000	9	171.037	-0.188	0.000	0.06	0.0	7.9	OK
4.000	10	170.020	-0.205	0.000	0.02	0.0	1.6	OK
3.001	11	169.050	-0.250	0.000	0.06	0.0	17.5	OK
2.004	12	165.624	-0.456	0.000	0.13	0.0	55.6	OK
5.000	13	169.529	-0.196	0.000	0.04	0.0	5.9	OK
2.005	14	165.411	-0.429	0.000	0.18	0.0	62.4	OK
1.004	15	165.347	-0.488	0.000	0.17	0.0	100.0	OK
6.000	16	171.046	-0.254	0.000	0.06	0.0	6.9	OK
7.000	17	172.037	-0.263	0.000	0.04	0.0	6.8	OK
6.001	18	170.559	-0.241	0.000	0.09	0.0	25.3	OK
1.005	19	165.118	-0.437	0.000	0.27	0.0	126.7	OK
1.006	20	165.000	-0.435	0.000	0.28	0.0	128.3	OK
8.000	21	170.247	-0.178	0.000	0.10	0.0	14.3	OK
1.007	22	164.813	-0.502	0.000	0.15	0.0	152.1	OK
1.008	23	164.006	-0.494	0.000	0.26	0.0	154.9	OK
9.000	24	173.032	-0.193	0.000	0.05	0.0	3.7	OK
9.001	25	172.043	-0.182	0.000	0.08	0.0	11.5	OK
9.002	26	170.050	-0.250	0.000	0.07	0.0	19.3	OK
9.003	27	167.562	-0.263	0.000	0.08	0.0	23.8	OK
9.004	28	166.054	-0.271	0.000	0.07	0.0	25.3	OK
1.009	29	163.923	-0.552	0.000	0.24	0.0	185.4	OK
1.010	30	163.771	-0.629	0.000	0.20	0.0	189.8	OK
10.000	31	169.035	-0.190	0.000	0.06	0.0	6.9	OK
11.000	32	167.052	-0.248	0.000	0.07	0.0	5.2	OK
10.001	33	166.781	-0.259	0.000	0.05	0.0	14.4	OK
1.011	34	163.642	-0.618	0.000	0.22	0.0	205.9	OK
1.012	35	163.394	-0.736	0.000	0.08	0.0	211.6	OK
1.013	36	162.000	-0.630	0.000	0.20	0.0	221.4	OK
12.000	37	165.071	-0.229	0.000	0.13	0.0	9.8	OK
12.001	38	164.621	-0.249	0.000	0.07	0.0	17.7	OK
1.014	39	161.804	-0.651	0.000	0.24	0.0	240.5	OK
1.015	40	161.623	-0.742	0.000	0.13	0.0	254.2	OK
1.016	41	161.480	-0.095	0.000	0.22	0.0	252.6	OK
13.000	42	167.828	-0.197	0.000	0.04	0.0	1.8	OK
13.001	43	167.645	-0.255	0.000	0.06	0.0	8.9	OK
13.002	44	166.648	-0.252	0.000	0.06	0.0	8.9	OK
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EWE Associates Ltd						Page 10		
Windy Ridge Barn Thealby Lane Winterton DN15 9TG								
Date 22/02/2020 12:32 File 100yr+CC40%Winter...			Designed By Windows7 Checked By					
Micro Drainage			Network W.12.4					
<u>Summary of Results for 480 minute 100 year Winter (Storm)</u>								
PN	US/MH Name	Water Level (m)	Surcharged Depth (m)	Flooded Volume (m³)	Flow / Cap.	Overflow (l/s)	Pipe Flow (l/s)	Status
14.000	45	166.537	-0.188	0.000	0.07	0.0	5.3	OK
13.003	46	165.560	-0.240	0.000	0.09	0.0	14.2	OK
13.004	47	165.066	-0.234	0.000	0.11	0.0	14.2	OK
15.000	48	166.046	-0.179	0.000	0.09	0.0	8.3	OK
13.005	49	164.584	-0.291	0.000	0.11	0.0	22.6	OK
13.006	50	163.905	-0.345	0.000	0.12	0.0	31.0	OK
16.000	51	165.228	-0.197	0.000	0.04	0.0	3.7	OK
13.007	52	163.410	-0.340	0.000	0.14	0.0	37.9	OK
13.008	53	163.116	-0.334	0.000	0.15	0.0	43.1	OK
17.000	54	164.026	-0.199	0.000	0.03	0.0	3.0	OK
13.009	55	162.609	-0.341	0.000	0.13	0.0	52.2	OK
13.010	56	161.621	-0.404	0.000	0.12	0.0	53.6	OK
18.000	57	162.634	-0.191	0.000	0.06	0.0	5.2	OK
13.011	58	161.478	-0.122	0.000	0.12	0.0	64.7	OK
1.017	59	161.476	0.001	0.000	0.01	0.0	46.3	SURCHARGED
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