



Land West of Little Tew

Proposed New Country House, Stables and
Landscape Enhancement

Colson Stone Practice
9th June 2024

Drainage Strategy

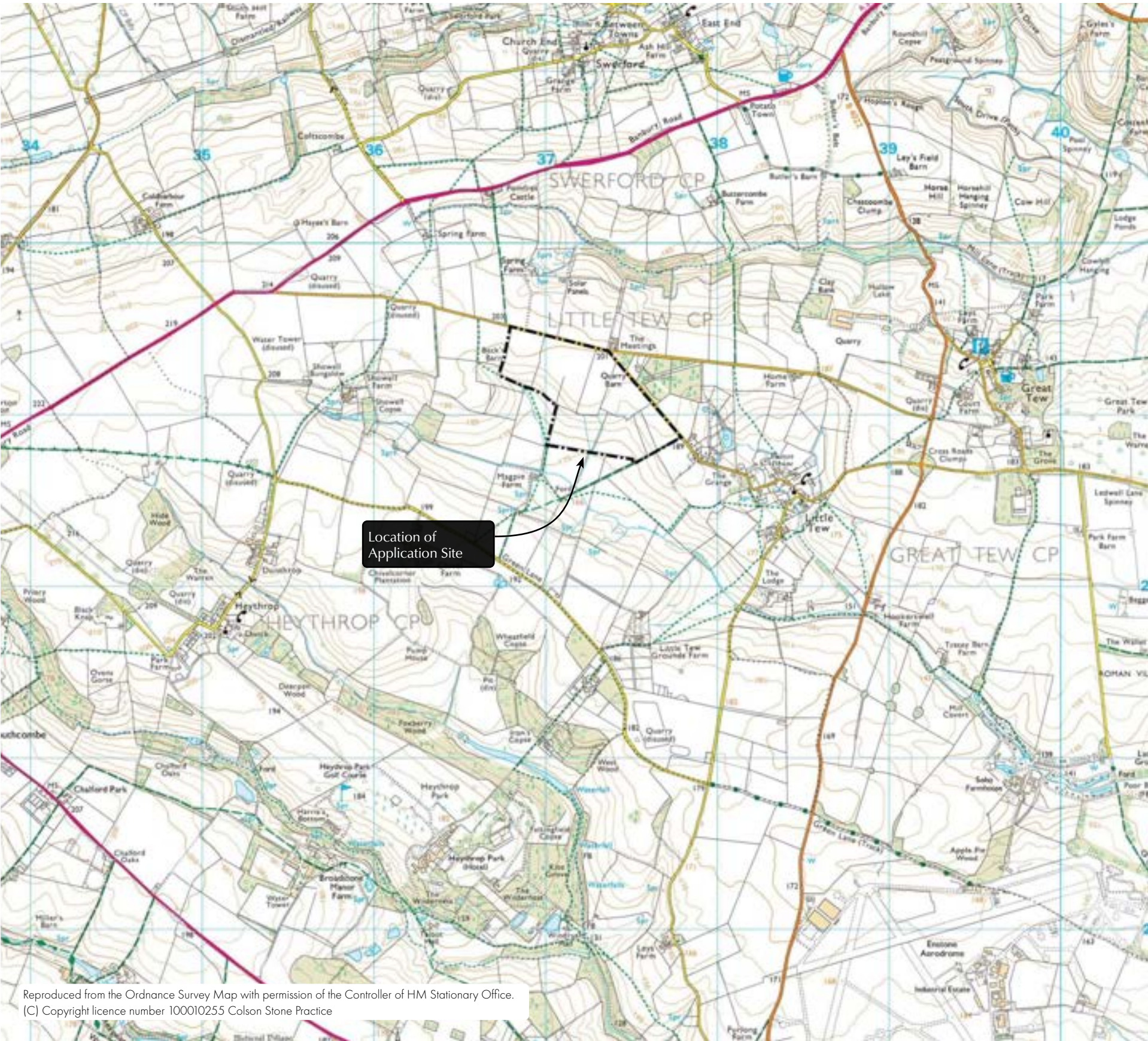


Figure 1 - Location Plan (1:25,000)

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1.0 Introduction

- 1.1 This report has been prepared in support of the proposals for a new country house, stables and landscape enhancement on land west of Little Tew.
- 1.2 This sets out the principles of the foul water and surface water drainage strategy of the site. This should be read in conjunction with the Preliminary Flood Risk Assessment prepared by Price and Myers, along with detailed modelling and preliminary design carried out by specialist engineers Hull Raiser Ltd – which is included in Appendix A.
- 1.3 The principles of the system are shown on Figure 1 – which is extracted from the Price and Myers PFRA (their figure SK600)

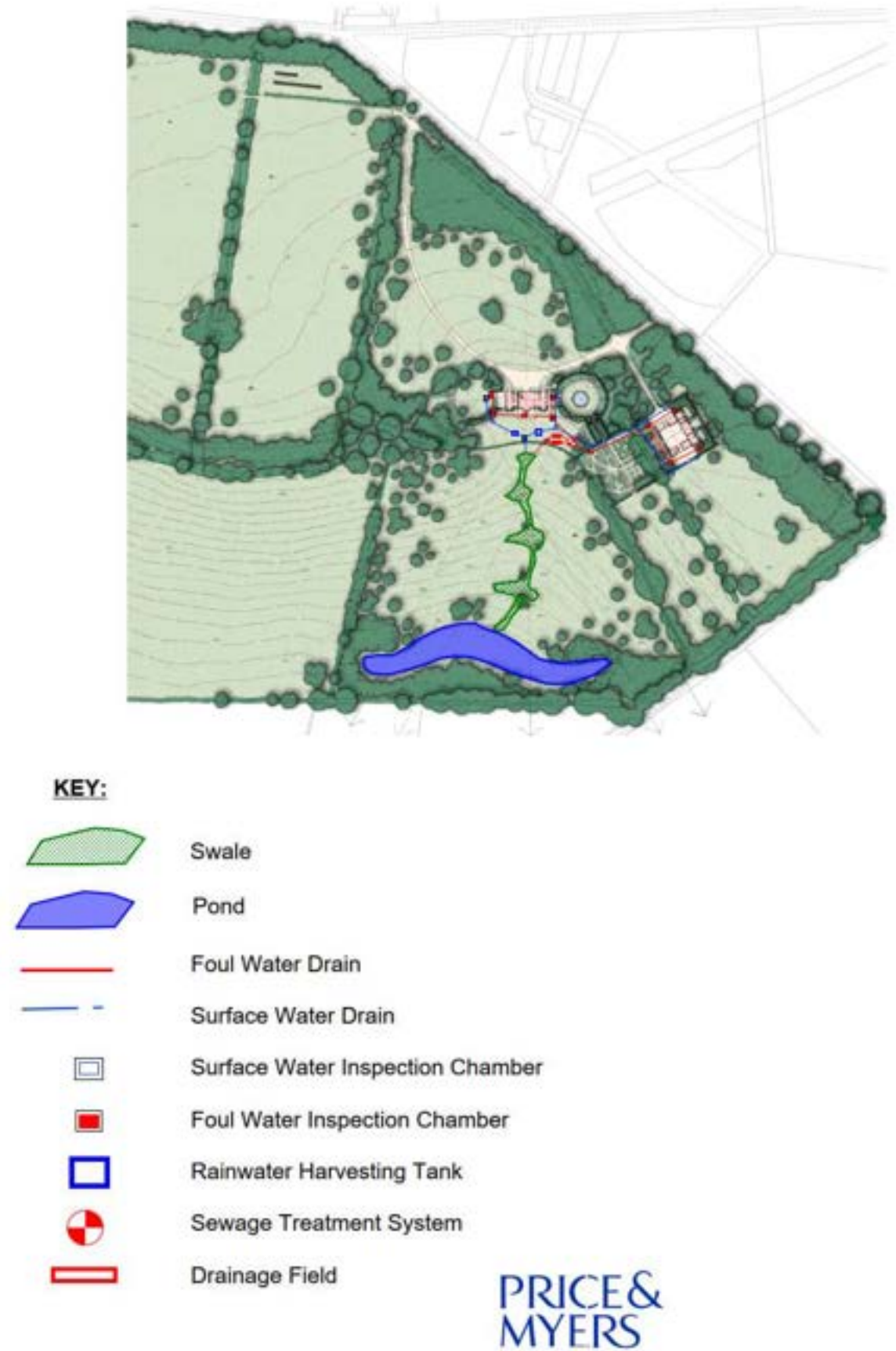


Figure 2 - Drainage Strategy

2.0 Foul Water

2.1 The foul water from the development will be directed through a sewerage treatment system. Treated water will discharge into a proposed drainage field where it will infiltrate into the ground. An overflow from the drainage field will direct any excess clean, treated water to the lake where it will be further diluted.

3.0 Rain Water

- 3.1 A sustainable drainage system (SUDS) will be used for attenuation of storm water, aiming to reduce peak flow rates from the site to those of green field run-off, thus mimicking the existing conditions. The drainage system will ultimately connect to a ditch that exists on the southern edge of the site, which discharges to the River Dorn.
- 3.2 Surface water will be dealt with in two systems. The roof water from the buildings will be collected and channelled to below-ground rainwater harvesting tanks. This will provide a resource of water that may be used for irrigation of the gardens.
- 3.3 The access drive and several of the garden paths will be formed in permeable gravel, allowing rainwater to discharge directly into the ground, mimicking existing conditions.
- 3.4 Areas of impermeable flagstone paving and brick will be laid to falls, with rainwater collected and piped below the ha-ha on the south boundary of the gardens – before emerging into an attenuated SUDS drainage system. This system will also accommodate the overflow from the below ground irrigation tanks when these are full. This attenuation then follows the slope down through Lower Park, descending gradually towards the lake.
- 3.5 A carefully engineered design is formulated to accommodate storm water events with a return period of up to 1 in 100 years (plus allowance for climate change). This will be assisted by allowance of sufficient freeboard incorporated within the design of the lake.
- 3.6 The attenuation scheme will direct storm water via a series of pools and swales that will also provide increased biodiversity through Lower Park. The design will incorporate areas suitable for sowing of wetland wildflower seed (eg Emorsgate EM8), along with additional planting of marginal and emergent species including:
- Yellow flag iris
 - Lesser pond sedge
 - Marsh marigold
 - Purple loosestrife
 - Water mint
 - Bogbean
 - Lesser spearwort
 - Brooklime

- 3.7 Details of the storm water analytical modelling and the design of the system are included in the appendix. The design comprises a sequence of shallow pools where water is held back before overflowing through open swales to further shallow pools down slope. The system is designed to slow the volume of water passing through it and provide an opportunity for water to infiltrate naturally into the ground.
- 3.8 The lake is designed to provide further attenuation, with a freeboard that will accommodate a substantial volume of storm water before overflowing via a controlled weir into the existing ditch.
- 3.9 The lake will also offer a substantial opportunity for environmental enhancements with substantial areas of marginal and emergent planting (similar to those listed above) along with submerged oxygenating plants and species suited to more open water habitats.

4.0 Conclusion

- 4.1 The design for this development will mimic green field run off rates so that water will be deposited at very similar rates and volumes as it would if the site were left undeveloped. In addition, the SUDS system will provide opportunities for more varied range of habitats resulting in biodiversity enhancements.

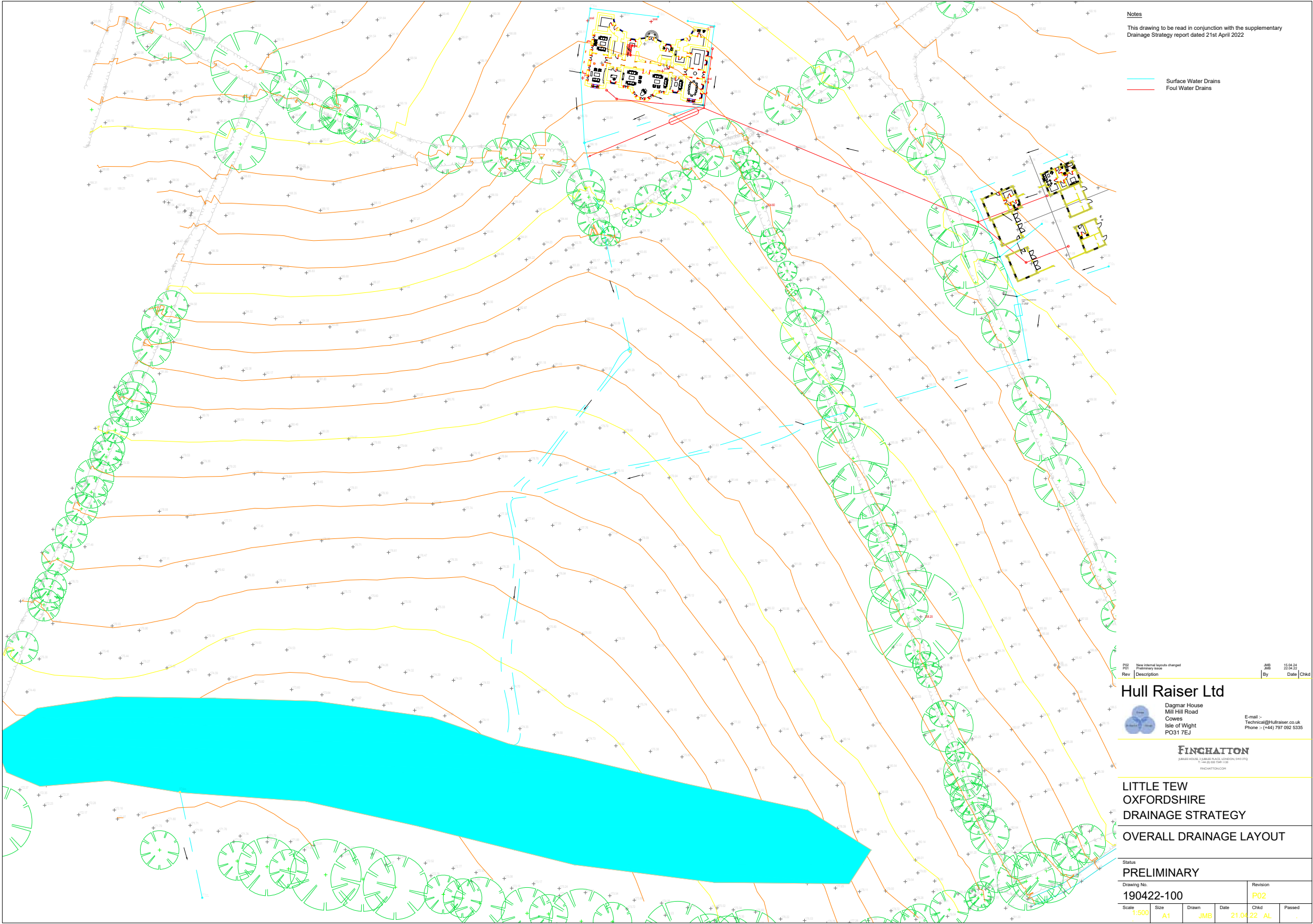
	Hull Raiser Ltd Dagmar House Cowes PO31 7EJ	File: RUN 1.PFD Network: Storm Network 1 Jon Burgess 22/04/2022	Page 5 Little Tew Chipping Norton Surface Water Design					
Results for 2 year Critical Storm Duration. Lowest mass balance: 81.31%								
Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	18	10	191.044	0.038	3.9	0.0173	0.0000	OK
15 minute winter	17	10	189.046	0.046	5.8	0.0115	0.0000	OK
15 minute winter	19	10	190.265	0.043	3.9	0.0195	0.0000	OK
15 minute winter	16	10	188.521	0.071	9.7	0.0113	0.0000	OK
15 minute winter	20	10	190.269	0.038	3.9	0.0174	0.0000	OK
15 minute winter	15	10	188.111	0.111	15.3	0.0273	0.0000	OK
15 minute winter	14	11	186.056	0.056	14.9	0.0089	0.0000	OK
60 minute winter	13	46	182.392	0.392	7.5	0.0000	0.0000	OK
15 minute winter	12	10	187.609	0.082	9.6	0.0736	0.0000	OK
15 minute winter	11	10	186.079	0.079	14.4	0.0283	0.0000	OK
15 minute winter	10	10	185.312	0.312	24.0	0.1723	0.0000	SURCHARGED
15 minute winter	9	10	187.793	0.085	9.6	0.0769	0.0000	OK
15 minute winter	8	10	186.108	0.108	14.4	0.0335	0.0000	OK
15 minute winter	7	11	185.349	0.349	23.9	0.1748	0.0000	SURCHARGED
15 minute winter	6	11	183.108	0.108	44.7	0.0305	0.0000	OK
15 minute winter	5	11	181.544	1.144	44.8	1.2933	0.0000	SURCHARGED
180 minute winter	4	132	176.557	0.807	12.7	0.0000	0.0000	OK
2160 minute winter	3	2280	171.241	0.060	2.0	0.0000	0.0000	OK
2160 minute winter	2	2400	170.980	0.005	0.1	0.0008	0.0000	OK
15 minute summer	1	1	170.638	0.000	0.0	0.0000	0.0000	OK
Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	18	1.000	17	3.9	1.115	0.138	0.1107	
15 minute winter	17	1.001	16	5.8	0.905	0.205	0.1411	
15 minute winter	19	2.000	16	3.9	0.958	0.170	0.0673	
15 minute winter	16	1.002	15	9.6	1.203	0.416	0.1064	
15 minute winter	20	3.000	15	3.9	1.115	0.138	0.1044	
15 minute winter	15	1.003	14	14.9	1.105	0.844	0.3475	
15 minute winter	14	1.004	13	15.0	1.965	0.135	0.5538	
60 minute winter	13	1.005	4	3.3	0.032	0.487	9.5543	
15 minute winter	12	4.000	11	9.6	1.003	0.542	0.2023	
15 minute winter	11	4.001	10	14.4	1.566	0.510	0.1850	
15 minute winter	10	4.002	6	22.8	1.295	1.283	0.3730	
15 minute winter	9	5.000	8	9.6	0.976	0.541	0.0781	
15 minute winter	8	5.001	7	14.4	1.093	0.809	0.2875	
15 minute winter	7	5.002	6	21.9	1.246	1.235	0.6727	
15 minute winter	6	4.003	5	44.8	1.843	0.470	1.9227	
15 minute winter	5	Weir	4	22.6				
15 minute winter	5	Orifice	4	21.8				
180 minute winter	4	1.006	3	5.7	0.032	0.236	16.2637	
2160 minute winter	3	Flow through pond	2	0.1	0.000	0.015	119.4392	
2160 minute winter	2	Weir	1	0.0				0.0

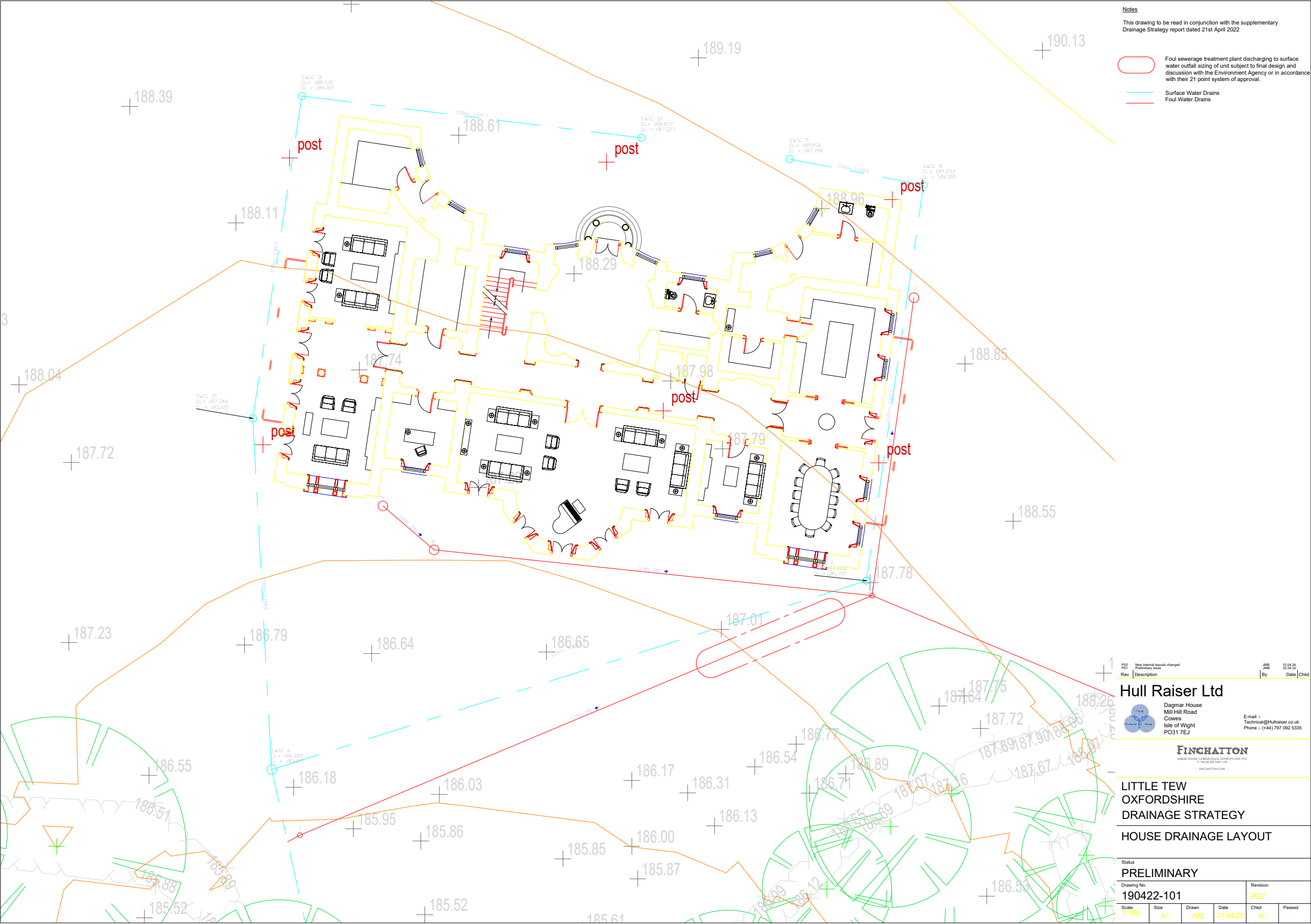
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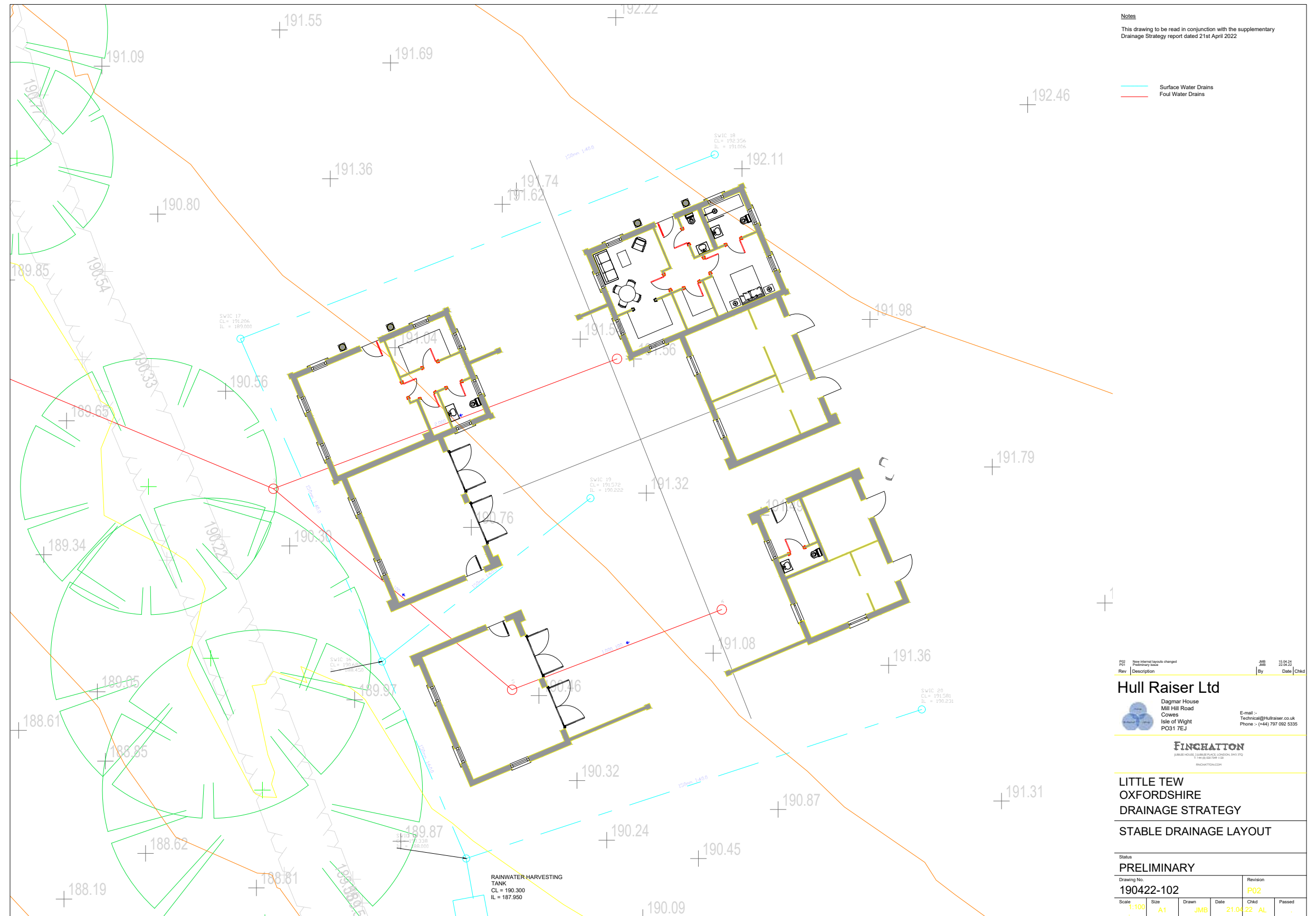
	Hull Raiser Ltd Dagmar House Cowes PO31 7EJ	File: RUN 1.PFD Network: Storm Network 1 Jon Burgess 22/04/2022	Page 6 Little Tew Chipping Norton Surface Water Design					
Results for 30 year Critical Storm Duration. Lowest mass balance: 81.31%								
Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	18	10	191.059	0.053	7.3	0.0241	0.0000	OK
15 minute winter	17	10	189.065	0.065	11.0	0.0162	0.0000	OK
15 minute winter	19	10	190.282	0.060	7.3	0.0274	0.0000	OK
15 minute winter	16	11	188.631	0.181	18.3	0.0288	0.0000	SURCHARGED
15 minute winter	20	10	190.284	0.053	7.3	0.0241	0.0000	OK
15 minute winter	15	11	188.489	0.489	26.9	0.1198	0.0000	SURCHARGED
15 minute winter	14	11	186.074	0.074	25.8	0.0117	0.0000	OK
60 minute winter	13	44	182.609	0.609	14.2	0.0000	0.0000	SURCHARGED
15 minute winter	12	10	187.668	0.141	18.3	0.1272	0.0000	OK
15 minute winter	11	11	186.643	0.643	27.1	0.2294	0.0000	SURCHARGED
15 minute winter	10	11	186.179	1.179	41.4	0.6509	0.0000	SURCHARGED
15 minute winter	9	10	187.869	0.161	18.3	0.1446	0.0000	SURCHARGED
15 minute winter	8	11	187.029	1.029	27.4	0.3199	0.0000	SURCHARGED
15 minute winter	7	11	186.596	1.596	39.7	0.7994	0.0000	SURCHARGED
15 minute winter	6	11	183.168	0.168	76.9	0.0477	0.0000	OK
15 minute winter	5	12	181.655	1.255	76.3	1.4194	0.0000	FLOOD RISK
120 minute winter	4	100	177.003	1.253	32.7	0.0000	0.0000	SURCHARGED
2160 minute winter	3	2220	171.269	0.088	3.6	0.0000	0.0000	OK
2160 minute winter	2	2400	170.985	0.010	0.3	0.0016	0.0000	OK
15 minute summer	1	1	170.638	0.000	0.0	0.0000	0.0000	OK
Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	18	1.000	17	7.3	1.328	0.258	0.1744	
15 minute winter	17	1.001	16	11.0	1.043	0.389	0.2681	
15 minute winter	19	2.000	16	7.3	1.133	0.318	0.1066	
15 minute winter	16	1.002	15	16.6	1.347	0.723	0.2355	
15 minute winter	20	3.000	15	7.3	1.327	0.259	0.1645	
15 minute winter	15	1.003	14	25.8	1.465	1.457	0.4434	
15 minute winter	14	1.004	13	25.6	2.284	0.230	0.8120	
60 minute winter	13	1.005	4	6.7	0.037	0.998	16.8843	
15 minute winter	12	4.000	11	18.0	1.112	1.018	0.3461	
15 minute winter	11	4.001	10	24.5	1.645	0.870	0.3547	
15 minute winter	10	4.002	6	40.0	2.270	2.251	0.3788	
15 minute winter	9	5.000	8	18.3	1.077	1.029	0.1318	
15 minute winter	8	5.001	7	22.8	1.297	1.286	0.3852	
15 minute winter	7	5.002	6	37.0	2.099	2.082	0.6862	
15 minute winter	6	4.003	5	76.3	1.988	0.801	2.3525	
15 minute winter	5	Weir	4	53.6				
15 minute winter	5	Orifice	4	22.9				
120 minute winter	4	1.006	3	9.4	0.038	0.389	23.6985	
2160 minute winter	3	Flow through pond	2	0.3	0.000	0.033	196.4582	
2160 minute winter	2	Weir	1	0.0				0.0

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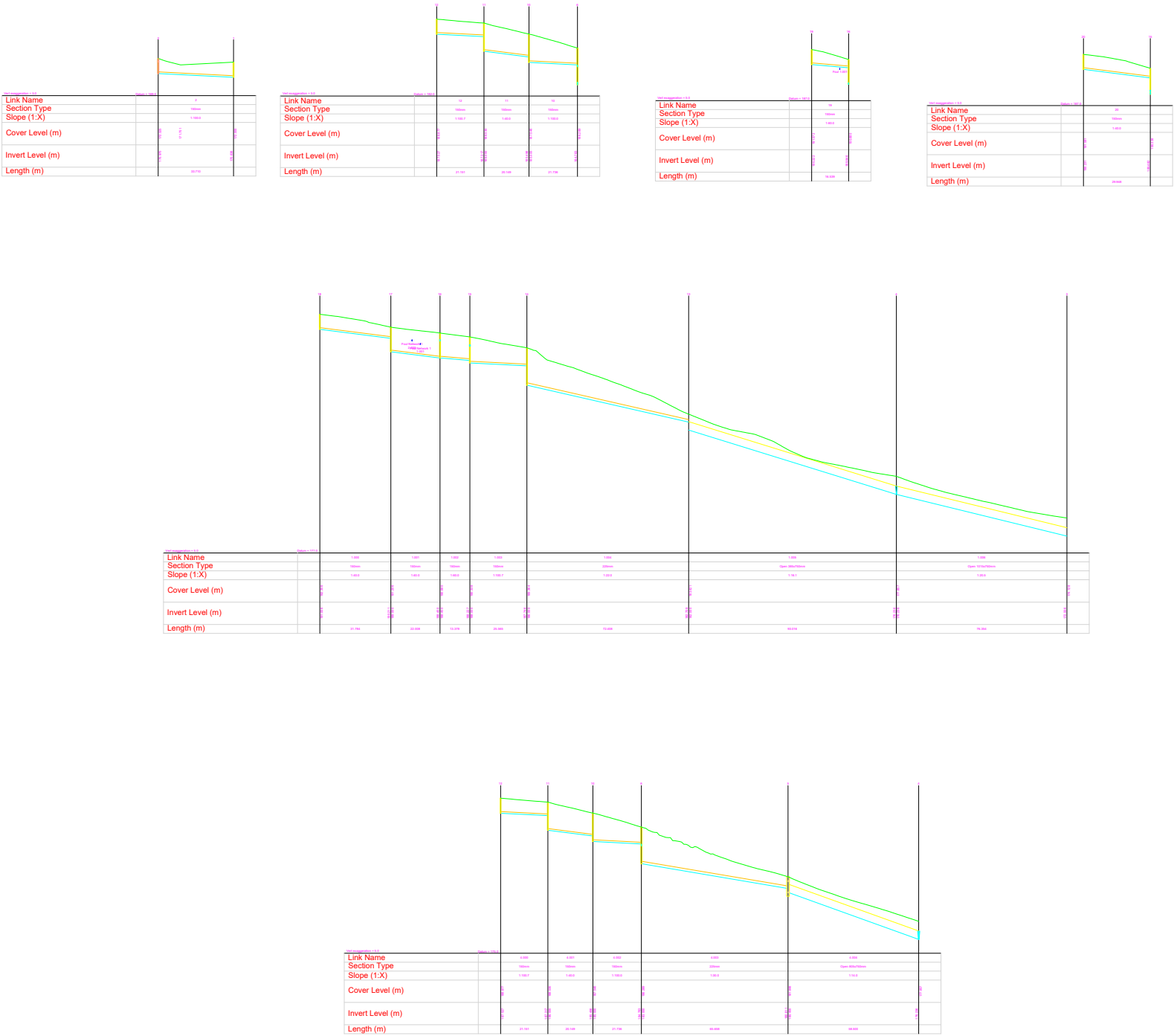
 Hull Raiser Ltd Dagmar House Cowes PO31 7EJ			File: RUN 1.PFD Network: Storm Network 1 Jon Burgess 22/04/2022			Page 7 Little Tew Chipping Norton Surface Water Design		
Results for 100 year Critical Storm Duration. Lowest mass balance: 81.31%								
Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	18	10	191.067	0.061	9.5	0.0279	0.0000	OK
15 minute winter	17	11	189.095	0.095	14.2	0.0237	0.0000	OK
15 minute winter	19	10	190.292	0.070	9.5	0.0319	0.0000	OK
15 minute winter	16	11	188.999	0.549	23.1	0.0872	0.0000	SURCHARGED
15 minute winter	20	10	190.292	0.061	9.5	0.0279	0.0000	OK
15 minute winter	15	11	188.795	0.795	32.4	0.1947	0.0000	SURCHARGED
15 minute winter	14	12	186.082	0.082	31.6	0.0130	0.0000	OK
60 minute winter	13	46	182.788	0.787	18.2	0.0000	0.0000	SURCHARGED
15 minute winter	12	10	187.847	0.320	23.7	0.2878	0.0000	SURCHARGED
15 minute winter	11	11	187.479	1.479	34.9	0.5281	0.0000	SURCHARGED
15 minute winter	10	11	186.795	1.795	51.3	0.9910	0.0000	SURCHARGED
15 minute winter	9	11	188.076	0.368	23.7	0.3312	0.0000	SURCHARGED
15 minute winter	8	12	187.966	1.966	35.6	0.6113	0.0000	SURCHARGED
15 minute winter	7	11	187.403	2.403	49.6	1.2039	0.0000	SURCHARGED
15 minute winter	6	12	183.956	0.956	93.1	0.2705	0.0000	SURCHARGED
15 minute winter	5	12	181.699	1.299	91.2	1.4688	0.0000	FLOOD RISK
120 minute winter	4	116	177.325	1.575	42.4	0.0000	0.0000	SURCHARGED
2160 minute winter	3	2220	171.286	0.105	4.5	0.0000	0.0000	OK
2160 minute winter	2	2400	170.988	0.013	0.4	0.0021	0.0000	OK
15 minute summer	1	1	170.638	0.000	0.0	0.0000	0.0000	OK
Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	18	1.000	17	9.5	1.425	0.336	0.2117	
15 minute winter	17	1.001	16	13.6	1.071	0.481	0.3229	
15 minute winter	19	2.000	16	9.5	1.210	0.413	0.1298	
15 minute winter	16	1.002	15	20.1	1.344	0.874	0.2355	
15 minute winter	20	3.000	15	9.5	1.424	0.337	0.1997	
15 minute winter	15	1.003	14	31.6	1.793	1.784	0.4455	
15 minute winter	14	1.004	13	31.5	2.419	0.282	0.9414	
60 minute winter	13	1.005	4	6.7	0.037	1.000	16.8843	
15 minute winter	12	4.000	11	23.0	1.306	1.299	0.3724	
15 minute winter	11	4.001	10	30.0	1.702	1.062	0.3547	
15 minute winter	10	4.002	6	48.8	2.770	2.746	0.3788	
15 minute winter	9	5.000	8	23.7	1.345	1.333	0.1397	
15 minute winter	8	5.001	7	27.0	1.534	1.521	0.3852	
15 minute winter	7	5.002	6	44.3	2.517	2.496	0.6862	
15 minute winter	6	4.003	5	91.2	2.293	0.957	2.6113	
15 minute winter	5	Weir	4	67.8				
15 minute winter	5	Orifice	4	23.3				
120 minute winter	4	1.006	3	9.8	0.039	0.406	23.7123	
2160 minute winter	3	Flow through pond	2	0.4	0.000	0.050	259.1281	
2160 minute winter	2	Weir	1	0.0				0.0
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Notes
This drawing to be read in conjunction with the supplementary
Drainage Strategy report dated 21st April 2022



Rev: P01
Description: Preliminary Issue
By: JMB
Date: 22.04.22
Chkd: .

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**LITTLE TEW
OXFORDSHIRE
DRAINAGE STRATEGY**

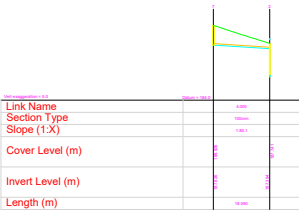
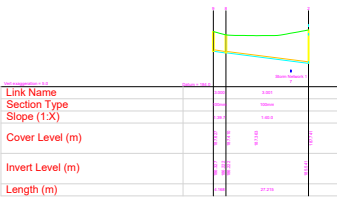
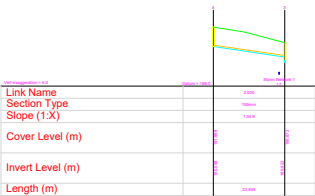
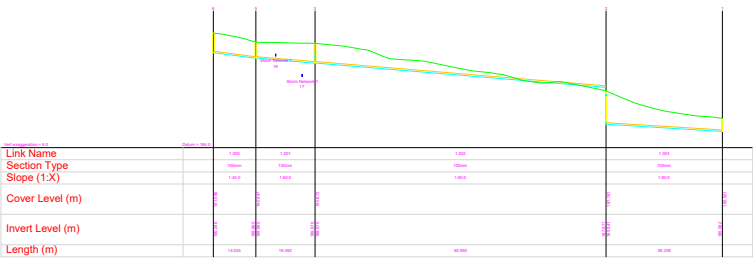
**SURFACE WATER
LONG SECTIONS**

Status: PRELIMINARY

Drawing No: 1904223200
Revision: P01

Scale: 1:500 VRT, 1:100 HRZ
Size: A1
Drawn: JMB
Date: 21.04.22
Chkd: AL
Passed: .

Notes
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Drainage Strategy report dated 21st April 2022



P01	Preliminary Issue	JMB	22.04.22
Rev	Description	By	Date



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LITTLE TEW
OXFORDSHIRE
DRAINAGE STRATEGY

FOUL WATER
LONG SECTIONS

Status
PRELIMINARY

Drawing No.	Revision
190422-301	P01

Scale	Size	Drawn	Date	Chkd	Passed
1:500 (A1)	1:100 (A1)	JMB	21.04.22	AL	.

Notes

This drawing to be read in conjunction with the supplementary
Drainage Strategy report dated 21st April 2022

Node ID	Easting (m)	Northing (m)	CL (m)	Depth (m)	Stump (m)	Dia (mm)	Width (mm)	Node Type	Manhole Type	Connections	Link ID	IL (m)	Dia (mm)	Link Type	
16	223.402	541.144	192.206	1.300		400		Manhole	Private		0	1.000	191.006	150	Circular
17	193.660	526.626	191.206	0.200		400		Manhole	Private		1	1.000	190.211	150	Circular
19	210.720	519.086	191.072	1.300		400		Manhole	Private		0	1.001	189.080	150	Circular
14	202.778	506.462	190.690	0.200		400		Manhole	Private		0	1.000	190.323	150	Circular
18	220.778	506.462	190.690	0.200		400		Manhole	Private		2	1.001	188.490	150	Circular
20	228.431	506.461	191.081	1.300		400		Manhole	Private		0	1.002	188.460	150	Circular
15	227.987	497.182	190.328	0.200		400		Manhole	Private		1	1.000	189.862	150	Circular
14	200.028	471.793	190.394	0.204		400		Manhole	Private		1	1.003	187.740	150	Circular
13	195.426	461.612	189.421	1.401		71		Junction	Private		0	1.004	188.000	225	Circular
12	90.386	519.086	189.977	1.300		400		Manhole	Private		1	1.006	189.799	200	Circular
11	89.208	500.688	189.000	0.000		400		Manhole	Private		0	1.000	187.740	150	Circular
10	89.208	500.748	187.546	0.040		400		Manhole	Private		1	1.001	185.490	150	Circular
9	99.040	519.775	190.028	1.300		400		Manhole	Private		0	1.003	188.000	150	Circular
8	107.226	519.026	189.282	0.200		400		Manhole	Private		0	1.000	187.760	150	Circular
7	104.080	500.020	187.809	0.200		400		Manhole	Private		1	1.001	188.000	150	Circular
6	87.021	526.046	188.289	0.200		600		Manhole	Private		1	1.002	184.789	150	Circular
5	81.626	474.921	181.898	1.748	0.200	1000		Manhole	Private		0	1.003	185.011	225	Circular
4	49.231	429.128	177.897	1.401		71		Junction	Private		0	1.004	183.000	225	Circular
3	44.160	392.792	174.106	1.600		71		Junction	Private		1	1.006	179.200	1400	Swale
2	-57.817	326.121	172.225	1.300		400		Manhole	Adoptable		0	1.000	170.075	150	Circular
1	-58.870	302.145	172.090	1.300		400		Manhole	Adoptable		1	1.000	170.428	150	Circular

SURFACE WATER MANHOLE SCHEDULE

Link ID	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)	US Node ID	Dia (mm)
1.000	31.734	40.0	150	Circular	192.206	191.006	1.200	191.206	190.211	0.995	16	400
1.001	20.290	40.0	150	Circular	191.286	190.086	1.200	190.486	189.491	0.995	17	400
2.000	19.036	80.0	150	Circular	191.072	190.220	0.850	190.890	190.985	0.096	19	400
1.002	13.078	80.0	150	Circular	190.690	190.450	0.240	190.338	190.227	0.111	14	400
3.000	28.946	40.0	150	Circular	191.041	190.211	0.830	190.228	190.462	0.236	20	400
1.003	20.000	100.0	150	Circular	190.328	190.000	0.328	190.341	190.790	0.449	15	400
1.004	12.908	22.5	225	Circular	189.984	189.000	0.984	190.421	192.709	2.289	13	710
1.005	16.014	16.1	150	Swale	182.421	182.000	0.421	177.857	176.236	6.211	13	71
1.006	21.151	100.0	150	Circular	188.877	187.727	1.150	188.530	187.277	1.253	12	400
4.001	30.146	80.0	150	Circular	188.000	186.000	2.000	187.345	185.460	1.885	11	400
4.002	21.726	100.0	150	Circular	187.546	185.000	2.546	186.269	184.789	1.760	10	400
1.007	7.038	100.0	150	Circular	189.000	187.700	1.300	187.000	185.251	1.749	9	400
5.001	21.879	100.0	150	Circular	188.282	186.000	2.282	187.305	185.761	1.544	8	400
5.002	38.275	100.0	150	Circular	187.809	185.000	2.809	186.269	184.880	1.389	7	400
4.003	19.808	30.0	225	Circular	188.000	186.000	2.000	187.000	185.444	1.556	6	400
4.004	98.000	14.0	1100	Swale	181.898	180.400	1.498	177.857	174.200	3.657	5	1000
1.008	76.204	20.0	1400	Swale	177.897	176.200	1.697	174.106	172.580	1.516	4	770
1.009	31.716	100.0	150	Circular	170.075	169.075	1.000	170.000	169.000	1.000	3	400

SURFACE WATER PIPE SCHEDULE

Node ID	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Width (mm)	Node Type	Manhole Type	Connections	Link ID	IL (m)	Dia (mm)	Link Type
6	223.036	512.728	191.546	1.300	600		Manhole	Private		0	1.000	190.246	150 Circular
5	210.836	507.720	190.847	1.052	600		Manhole	Private		1	1.000	189.890	150 Circular
4	217.981	528.803	191.888	1.300	600		Manhole	Private		0	1.001	189.890	150 Circular
3	195.044	529.072	190.872	1.302	600		Manhole	Private		0	2.000	190.000	150 Circular
9	79.321	501.764	187.627	1.300	600		Manhole	Private		1	1.001	188.070	150 Circular
8	79.820	525.428	187.410	1.184	600		Manhole	Private		2	1.000	188.022	150 Circular
7	107.221	505.206	188.028	1.300	600		Manhole	Private		0	3.000	188.027	150 Circular
2	104.020	549.797	187.741	2.200	300		Manhole	Private		1	3.000	185.222	150 Circular
1	89.240	534.980	185.921	0.890	300		Manhole	Private		0	3.001	188.222	150 Circular
10	104.020	549.797	187.741	2.200	300		Manhole	Private		0	4.000	187.020	150 Circular
11	104.020	549.797	187.741	2.200	300		Manhole	Private		1	1.002	187.871	150 Circular
12	104.020	549.797	187.741	2.200	300		Manhole	Private		2	3.001	185.541	150 Circular
13	104.020	549.797	187.741	2.200	300		Manhole	Private		3	4.000	187.040	150 Circular
14	104.020	549.797	187.741	2.200	300		Manhole	Private		0	1.003	185.541	150 Circular
15	89.240	534.980	185.921	0.890	300		Manhole	Private		1	1.003	185.000	150 Circular

FOUL WATER MANHOLE SCHEDULE

Link ID	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)	US Node ID	Dia (mm)
1.000	14.025	40.0	150	Circular	191.246	190.246	1.000	190.947	190.660	0.287	6	600
1.001	16.890	80.0	150	Circular	190.847	189.890	0.957	190.970	190.970	0.123	5	600
2.000	23.036	34.0	150	Circular	191.888	191.000	0.888	190.972	190.920	0.052	4	600
1.002	19.000	80.0	150	Circular	190.672	189.672	1.000	190.741	190.741	0.069	3	600
3.000	4.168	30.0	150	Circular	187.627	186.327	1.300	187.410	186.222	1.188	9	600
3.001	27.210	40.0	150	Circular	187.410	186.222	1.188	187.741	186.541	1.200	8	600
4.000	16.000	30.0	150	Circular	188.000	187.626	0.374	187.741	186.741	0.999	7	600
1.003	38.320	80.0	150	Circular	187.741	185.541	2.200	185.921	185.000	0.921	2	300

FOUL WATER PIPE SCHEDULE

P01	Preliminary Issue	JMB	22.04.22
Rev	Description	By	Date



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**LITTLE TEW
OXFORDSHIRE
DRAINAGE STRATEGY**

**FOUL & SURFACE WATER
MANHOLE & PIPE SCHEDULES**

Status
PRELIMINARY

Drawing No.
190422-302

Revision
P01

Scale
1:100

Size
A1

Drawn
JMB

Date
21.04.22

Chkd
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Passed
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