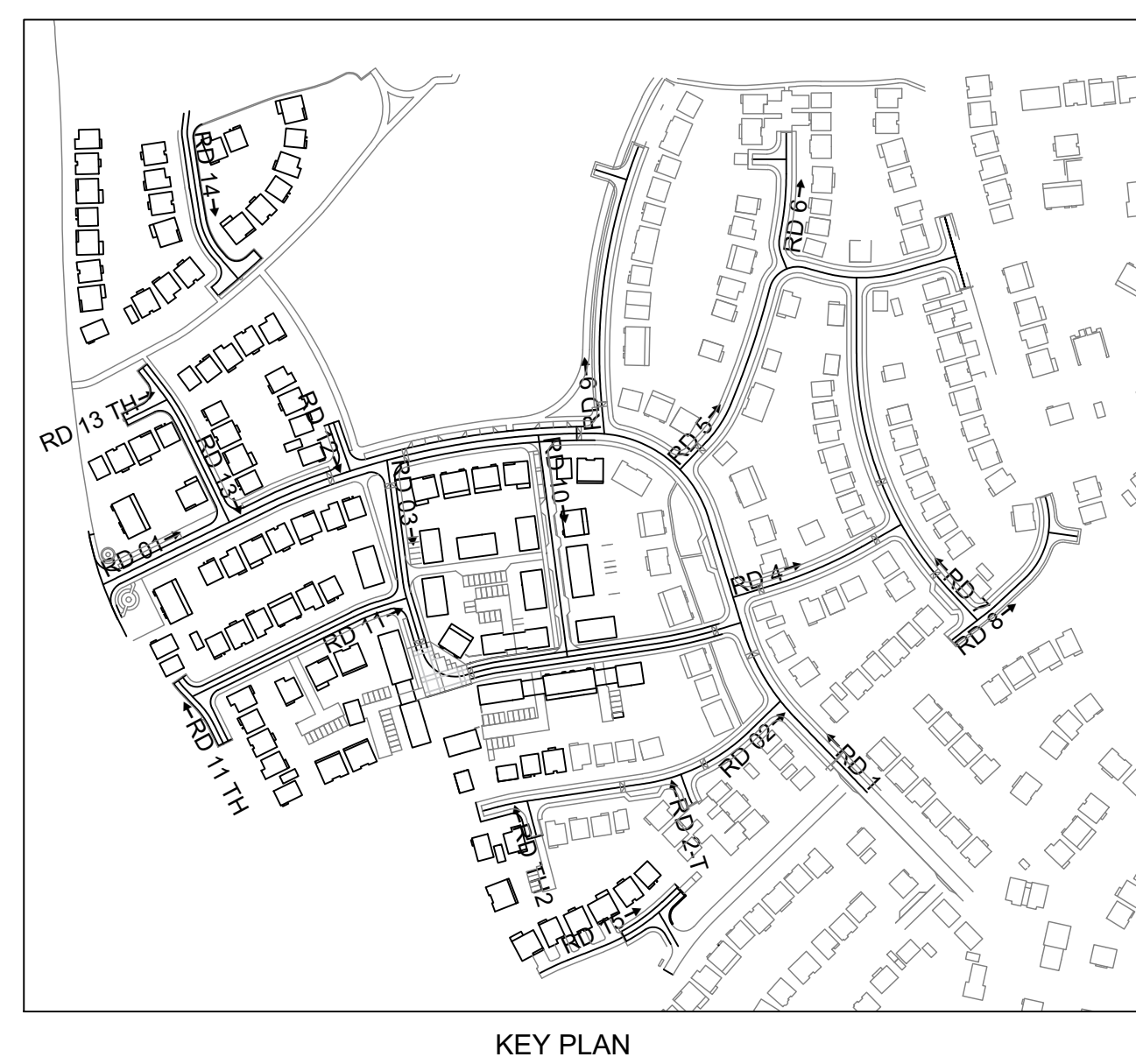
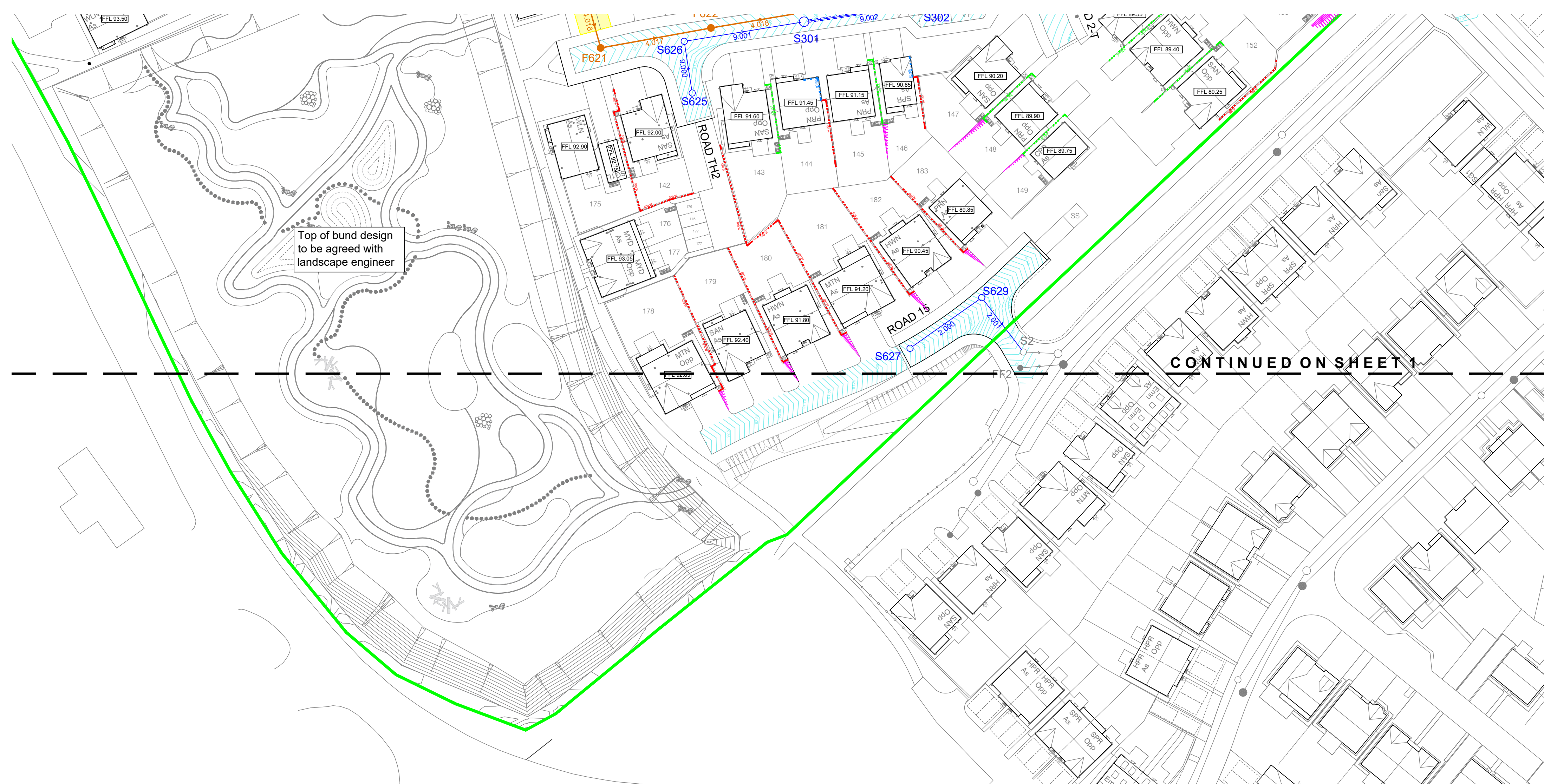
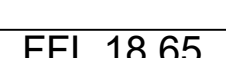
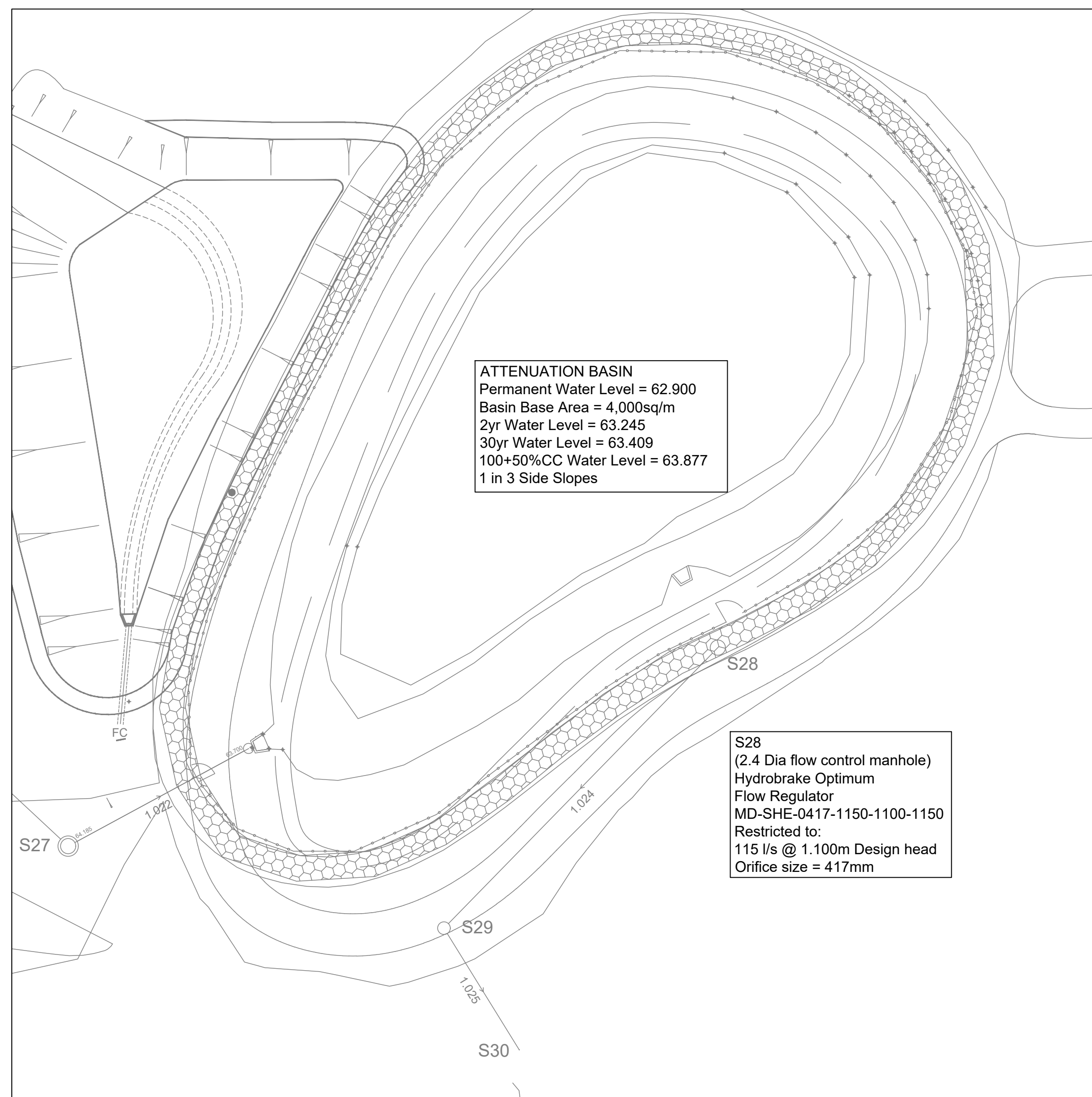




- | | |
|---|-------------------------------|
| Legend | |
|  | Site Boundary |
|  450 SPLIT | Plot Slab Level Split |
|  600 W | Brick Retaining Wall |
|  450 FOE | Flag Retaining Wall |
|  150 UB | Underbuild |
|  | Batter |
|  | Plot Slab Level |
|  S01 | Adoptable Surface Water Sewer |
|  F01 | Adoptable Foul Sewer |
|  | Flow Control Manhole |
|  | Silt Trap Manhole |
|  | Sewer Easement |
|  | Cellular Attenuation Tank |



ATTENUATION BASIN / OUTFALL

FCU: Network 2										
Pipe Code	Diameter (mm)	Gradient (1)	Pipe Type	Pipe Length	Number	Upstream Manhole	Upstream Invert Cover	Downstream Manhole	Downstream Invert Cover	Length
1.000	150	42	PVC-U	31.982	F201	94.11	95.45	F202	93.35	94.77
1.000	150	42	PVC-U	18.753	F201	94.71	95.39	F202	93.35	94.77
1.002	150	150	PVC-U	21.962	F203	93.23	94.86	F205	93.08	94.23
1.003	150	22	PVC-U	21.369	F203	93.00	94.23	F206	91.03	93.08
1.004	150	38	PVC-U	40.841	F204	93.39	93.43	F204	92.45	93.71
1.005	150	25	PVC-U	19.198	F209	88.74	92.45	F210	88.96	91.43
1.006	150	25	PVC-U	21.013	F210	88.74	92.45	F214	89.56	92.56
1.007	150	25	PVC-U	31.714	F214	88.48	89.94	F215	88.27	89.25
1.008	150	150	PVC-U	16.226	F215	86.27	88.25	F216	86.18	87.55
1.009	150	24	PVC-U	24.083	F216	85.51	92.05	F217	85.51	92.05
3.000	300	80	PVC-U	44.961	F217	92.26	93.22	F262	91.50	93.00
3.001	300	80	PVC-U	36.427	F262	91.50	92.00	F268	91.26	92.87
3.002	300	29	PVC-U	29.169	F268	92.00	92.00	F269	91.50	92.00
4.000	300	30	PVC-U	21.755	F269	92.87	94.22	F269	92.14	93.49
4.001	300	30	PVC-U	48.962	F269	92.87	94.22	F270	92.14	93.49
4.002	300	150	PVC-U	12.840	F269	91.81	93.20	F269	91.73	93.10
4.003	300	150	PVC-U	12.130	F269	91.73	93.10	F267	91.65	93.10
4.004	300	150	PVC-U	8.784	F267	91.65	93.10	F268	91.65	93.10
4.005	300	150	PVC-U	46.178	F268	91.59	93.07	F269	91.28	93.42
4.006	300	150	PVC-U	20.293	F268	91.59	93.07	F269	91.14	93.07
4.007	300	150	PVC-U	20.652	F269	91.14	93.07	F269	90.97	92.96
4.008	300	150	PVC-U	22.834	F611	90.97	92.96	F269	90.82	93.29
4.009	300	150	PVC-U	9.407	F611	90.97	92.96	F269	90.77	93.17
4.010	300	150	PVC-U	42.281	F611	90.97	92.96	F269	90.44	93.00
4.011	300	150	PVC-U	7.629	F614	90.44	91.18	F614	90.38	91.18
4.012	300	150	PVC-U	20.322	F614	90.38	91.18	F614	90.38	91.18
4.013	300	150	PVC-U	34.025	F617	90.18	93.54	F618	90.35	93.40
4.014	300	150	PVC-U	14.078	F617	89.95	93.40	F619	89.95	93.40
4.015	300	17	PVC-U	17.760	F619	89.95	93.35	F620	88.78	92.69
4.016	300	150	PVC-U	8.439	F620	88.78	92.69	F621	87.53	92.69
4.017	300	150	PVC-U	21.097	F621	87.53	92.69	F622	87.53	92.69
4.018	300	150	PVC-U	19.438	F622	87.29	91.80	F301	87.26	91.24
4.019	300	150	PVC-U	37.301	F301	87.26	91.24	F302	87.01	90.96
4.020	300	150	PVC-U	22.337	F302	87.01	91.24	F312	87.01	90.96
4.021	300	150	PVC-U	16.959	F312	86.86	89.65	F213	86.86	89.65
4.022	300	150	PVC-U	18.598	F213	86.86	89.65	F214	86.86	89.65
5.000	500	40	PVC-U	14.963	F215	92.57	92.87	F616	90.38	93.11

FOUL Network 1											
Pipe Code	Diameter (mm)	Gradient (1)	Pipe Type	Pipe Length	Number	Upstream Manhole		Invert		Downstream Manhole	
						Node	Flow	Cover	Node	Invert	Cover
1.000	150	70	CLAY	25.767	F101	93.37	95.42	F102	93.01	95.47	95.50
1.001	150	115	CLAY	15.584	F102	95.47	91.01	F103	95.00	91.00	91.00
1.002	150	20	CLAY	23.474	F103	92.00	95.55	F105	91.13	94.00	94.00
1.003	150	150	CLAY	45.321	F105	95.15	94.02	F106	89.85	92.03	92.03
1.004	150	150	CLAY	29.338	F106	95.23	91.85	F107	89.85	92.03	92.03
1.005	150	12	CLAY	21.823	F107	89.85	91.81	F108	87.83	89.00	89.00
1.006	150	100	CLAY	20.024	F108	87.83	93.88	F109	89.85	92.03	92.03
1.007	150	10	CLAY	27.772	F109	87.83	89.50	F110	87.50	88.50	88.50
1.008	150	12	CLAY	31.122	F110	87.50	88.33	F111	84.47	86.72	86.72
1.009	150	10	CLAY	23.007	F111	84.47	87.12	F112	84.32	86.32	86.32
1.010	150	146	CLAY	11.010	F112	84.32	86.32	F114	84.24	86.21	86.21
1.011	150	150	CLAY	15.040	F114	84.24	86.21	F115	83.00	84.94	84.94
1.012	150	150	CLAY	36.176	F115	83.00	87.05	F116	80.15	82.14	82.14
3.000	150	15	CLAY	23.685	F113	85.12	86.47	F114	84.24	86.21	86.21

STORM Network Pipe Code	Diameter (mm)	Gradient (1)	Pipe Type	Pipe Length	Upstream Manhole Number	Upstream Manhole Invert	Downstream Manhole Number	Downstream Manhole Invert	Cover
1.000	300	80	PCV-U	28.859	81	87.50	89.35	86.85	89.00
1.001	300	80	PCV-U	28.859	81	87.50	89.35	86.85	89.00
1.002	300	102	PCV-U	42.972	84	88.11	89.04	85.69	87.61
1.003	300	48	PCV-U	11.825	87	87.81	88.52	84.81	86.52
1.004	300	48	PCV-U	11.825	87	87.81	88.52	84.82	86.52
1.005	300	48	PCV-U	11.825	87	87.81	88.52	84.81	86.51
1.006	300	48	PCV-U	11.825	87	87.81	88.52	84.81	86.51
1.007	300	48	PCV-U	11.825	87	87.81	88.52	84.81	86.51
1.008	300	48	PCV-U	11.825	87	87.81	88.52	84.81	86.51
1.009	300	48	PCV-U	11.825	87	87.81	88.52	84.81	86.51
1.010	300	48	PCV-U	11.825	87	87.81	88.52	84.81	86.51
1.011	300	48	PCV-U	11.825	87	87.81	88.52	84.81	86.51
1.012	300	48	PCV-U	11.825	87	87.81	88.52	84.81	86.51
1.013	300	48	PCV-U	11.825	87	87.81	88.52	84.81	86.51
1.014	300	48	PCV-U	11.825	87	87.81	88.52	84.81	86.51
1.015	300	48	PCV-U	11.825	87	87.81	88.52	84.81	86.51
1.016	300	48	PCV-U	11.825	87	87.81	88.52	84.81	86.51
1.017	400	24	PCV-U	24.346	528	62.99	64.60	62.75	64.54
1.018	400	24	PCV-U	16.932	529	59.47	62.75	59.30	60.25
1.019	400	25	PCV-U	17.567	529	59.47	62.75	59.30	60.25
1.020	400	25	PCV-U	16.933	5628	88.89	90.81	86.02	88.05
1.021	225	20	PCV-U	16.933	5629	88.89	90.81	86.02	88.05
2.002	225	20	PCV-U	12.205	5629	88.89	90.81	86.02	88.05
2.003	225	20	PCV-U	12.205	5629	88.89	90.81	86.02	88.05
3.001	300	54	PCV-U	27.864	582	81.24	83.33	81.24	83.33
3.002	300	54	PCV-U	27.864	5829	91.94	93.39	86.92	88.91
3.003	300	54	PCV-U	27.864	5829	91.94	93.39	86.92	88.91
3.004	300	54	PCV-U	27.864	5829	91.94	93.39	86.92	88.91
3.005	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.006	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.007	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.008	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.009	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.010	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.011	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.012	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.013	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.014	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
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3.016	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.017	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
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3.019	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.020	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.021	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.022	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.023	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.024	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.025	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.026	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.027	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.028	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.029	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.030	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.031	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.032	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.033	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.034	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.035	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.036	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.037	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.038	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.039	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.040	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.041	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.042	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.043	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.044	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
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3.050	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.051	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.052	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.053	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.054	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.055	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.056	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.057	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.058	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.059	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.060	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.061	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.062	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.063	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.064	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
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3.067	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.068	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.069	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.070	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.071	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.072	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
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3.077	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
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3.081	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
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3.083	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.084	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.085	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.086	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.087	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.088	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.089	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
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3.091	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.092	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.093	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.094	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.095	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.096	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.097	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
3.098	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
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3.101	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	88.03
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3.103	400	24	PCV-U	13.751	5623	86.66	90.07	86.04	

PLANNING

A	22.10.25	Phase 6 Levels revised	JAR	JAR
Rev.	Date	Revision	By	Appr
 coopers chartered consulting engineers				
Tel:	01244 664910			Park House
Email:	admin@coopers.co.uk			Sandpiper Court
Web:	http://coopers.co.uk			Chester Business Park
				Chester
				CH4 5DU
Client 				
Project EDGEHILL PARK, CUMBRIA PHASE 3				
Title PROPOSED DRAINAGE LAYOUT SHEET 2 OF 2				
DRAWING NUMBER		SCALE at A0 1:500 DATE 15.05.25 REVISION DRAWN PW CHECKED AJ		
7503-P3 / PL01-2		A		

