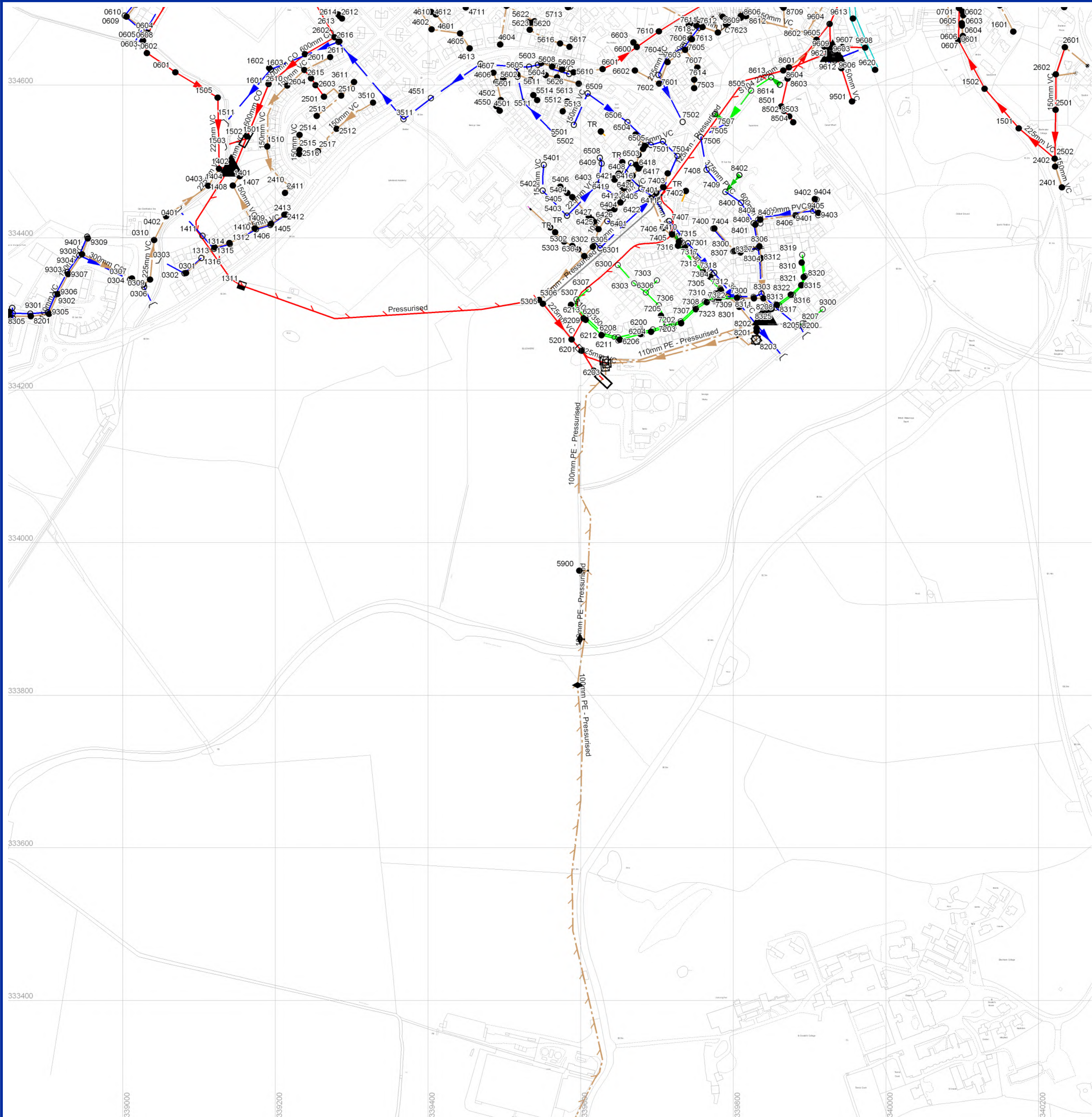




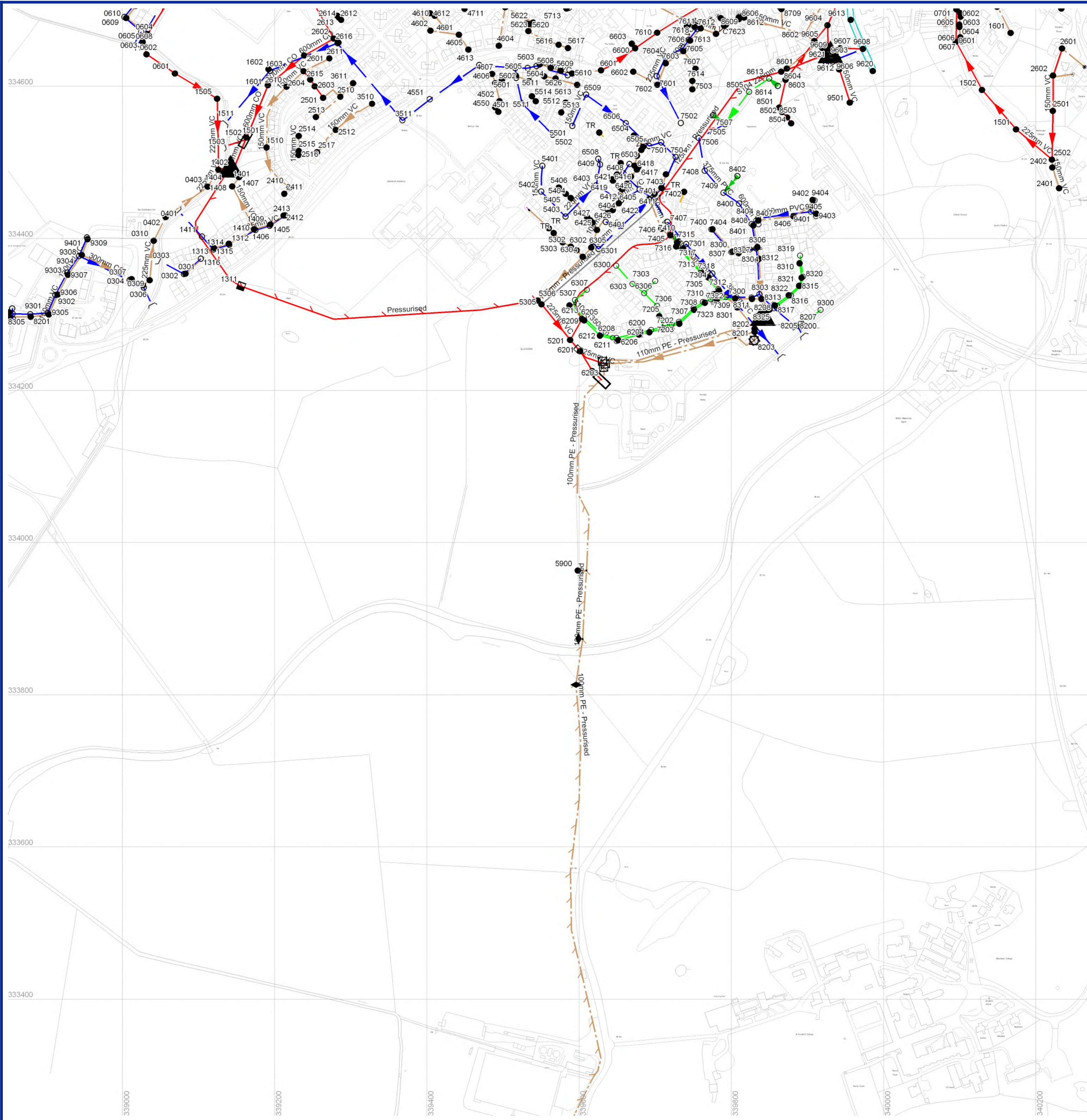
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Appendix 3: Sewer Records



Sewer Node	Sewer Pipe Data									
REFERENCE	COVER LEVEL	INV LEVEL UPSTR	INV LEVEL DOWNSTR	PURP	MATL	SHAPE	MAX SIZE	MIN SIZE	GRADIENT	YEAR LAID
SJ39348201	92.45	89.55	89.55	F	nil	nil	nil	nil	0.00	nil
SJ39348203	nil	89.86	89.86	F	nil	nil	nil	nil	0.00	nil
SJ39348204	92.68	nil	nil	S	nil	nil	nil	nil	0.00	nil
SJ39348206	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39348301	92.68	90.90	90.90	S	nil	nil	nil	nil	0.00	nil
SJ39348303	92.68	nil	nil	S	nil	nil	nil	nil	0.00	nil
SJ39348305	92.48	89.96	89.96	S	nil	nil	nil	nil	0.00	nil
SJ39348306	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39349302	92.84	89.66	89.46	S	CO	C	300	nil	167.55	nil
SJ39349303	92.99	89.37	89.00	S	CO	C	300	nil	72.46	nil
SJ39349304	92.79	89.16	88.67	S	CO	C	300	nil	150.06	nil
SJ39349305	92.74	89.31	89.13	F	VC	C	150	nil	157.00	nil
SJ39349306	92.89	89.08	88.89	F	VC	C	150	nil	155.16	nil
SJ39349307	93.06	88.86	88.63	F	VC	C	150	nil	137.52	nil
SJ39349308	92.78	88.61	87.91	F	VC	C	150	nil	104.09	nil
SJ39349309	92.56	89.46	88.65	F	VC	C	150	nil	27.49	nil
SJ39349401	92.49	90.27	89.40	S	CO	C	300	nil	30.93	nil
SJ39349301	91.44	90.31	89.72	F	VC	C	150	nil	86.44	nil
SJ39349302	91.34	89.70	87.64	S	VC	C	225	nil	14.70	nil
SJ39349304	92.53	88.64	88.02	S	CO	C	300	nil	34.63	nil
SJ39349305	nil	87.95	nil	S	CO	C	300	nil	0.23	nil
SJ39349307	92.37	88.21	87.56	F	VC	C	150	nil	26.28	nil
SJ39349308	90.87	87.53	87.41	F	VC	C	150	nil	90.00	nil
SJ39349309	88.96	87.33	87.12	F	VC	C	225	nil	252.57	nil
SJ39349310	88.72	87.14	87.03	F	VC	C	225	nil	331.36	nil
SJ39349402	89.48	87.00	86.77	F	VC	C	225	nil	297.78	nil
SJ39349403	89.90	86.79	85.19	F	VC	C	225	nil	16.50	nil
SJ39349601	nil	nil	85.98	C	nil	nil	nil	nil	0.00	nil
SJ39349602	nil	nil	nil	C	nil	nil	nil	nil	0.00	nil
SJ39349603	89.50	nil	nil	C	nil	nil	nil	nil	0.00	nil
SJ39349604	89.52	86.66	86.66	C	VC	C	225	nil	0.00	nil
SJ39349607	89.82	nil	nil	S	nil	nil	nil	nil	0.00	nil
SJ39349609	89.39	nil	nil	S	nil	nil	nil	nil	0.00	nil
SJ39349610	89.50	87.06	86.72	F	VC	C	150	nil	100.49	nil
SJ39341312	91.95	89.66	89.57	F	VC	C	150	nil	428.33	nil
SJ39341313	91.82	89.69	89.67	F	VC	C	150	nil	990.50	nil
SJ39341314	91.93	90.18	90.05	S	VC	C	225	nil	157.00	nil
SJ39341315	91.81	90.01	87.72	S	VC	C	225	nil	10.07	nil
SJ39341316	91.54	89.84	89.69	S	VC	C	225	nil	192.06	nil
SJ39341402	90.42	88.07	nil	C	VC	C	225	nil	0.00	nil
SJ39341404	89.80	85.18	85.06	C	VC	C	225	nil	128.83	nil
SJ39341405	92.81	91.01	89.62	F	VC	C	150	nil	15.93	nil
SJ39341406	92.27	89.52	nil	F	VC	C	150	nil	0.00	nil
SJ39341407	91.19	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39341408	90.02	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39341409	92.77	91.24	90.76	S	VC	C	225	nil	40.00	nil
SJ39341410	92.35	90.72	90.18	S	VC	C	225	nil	74.98	nil
SJ39341411	88.74	87.70	87.38	S	VC	C	225	nil	129.88	nil
SJ39341501	90.75	88.65	89.06	C	CO	C	600	nil	0.00	nil
SJ39341505	89.58	85.94	85.19	C	VC	C	225	nil	126.12	nil
SJ39341510	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39341601	91.40	88.87	88.88	C	CO	C	600	nil	391.47	nil
SJ39341603	nil	nil	nil	S	nil	nil	nil	nil	0.00	nil
SJ39342411	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39342412	91.13	90.20	91.02	F	VC	C	150	nil	116.94	nil
SJ39342413	93.58	92.03	91.24	S	VC	C	225	nil	31.18	nil
SJ39342501	93.34	91.54	91.21	C	VC	C	150	nil	58.85	nil
SJ39342510	nil	nil	91.54	F	VC	C	150	nil	0.00	nil
SJ39342513	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39342514	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39342516	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39342517	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39342601	91.93	88.97	88.90	C	CO	C	600	nil	883.57	nil
SJ39342602	93.28	89.03	88.98	C	CO	C	600	nil	895.60	nil
SJ39342603	92.51	91.21	91.04	C	VC	C	150	nil	63.65	nil
SJ39342604	92.65	91.02	nil	C	VC	C	150	nil	0.00	nil
SJ39342610	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39342611	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39342612	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39342614	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39342615	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39342616	nil	nil	nil	S	nil	nil	nil	nil	0.00	nil
SJ39343510	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39343511	nil	nil	nil	S	nil	nil	nil	nil	0.00	nil
SJ39343611	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39344502	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39344550	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39344551	nil	nil	nil	S	nil	nil	nil	nil	0.00	nil
SJ39344601	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39344602	nil	nil	91.52	F	VC	C	225	nil	0.00	nil
SJ39344604	nil	nil	91.89	F	VC	C	225	nil	0.00	nil
SJ39344605	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39344606	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39344607	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39344608	nil	nil	95.74	F	nil	nil	nil	nil	0.00	nil
SJ39344611	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39344612	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39344613	nil	nil	nil	S	nil	nil	nil	nil	0.00	nil
SJ39344711	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39345201	95.76	93.39	nil	C	VC	C	225	nil	0.00	nil
SJ39345300	96.22	94.33	93.82	F	VC	nil	nil	nil	0.00	nil
SJ39345301	98.66	97.37	97.03	F	VC	C	150	nil	33.26	nil
SJ39345302	100.15	97.68	97.40	F	VC	C	150	nil	33.68	nil
SJ39345303	nil	nil	99.43	F	VC	C	150	nil	0.00	nil
SJ39345304	96.33	93.64	93.22	S	VC	nil	nil	nil	0.00	nil

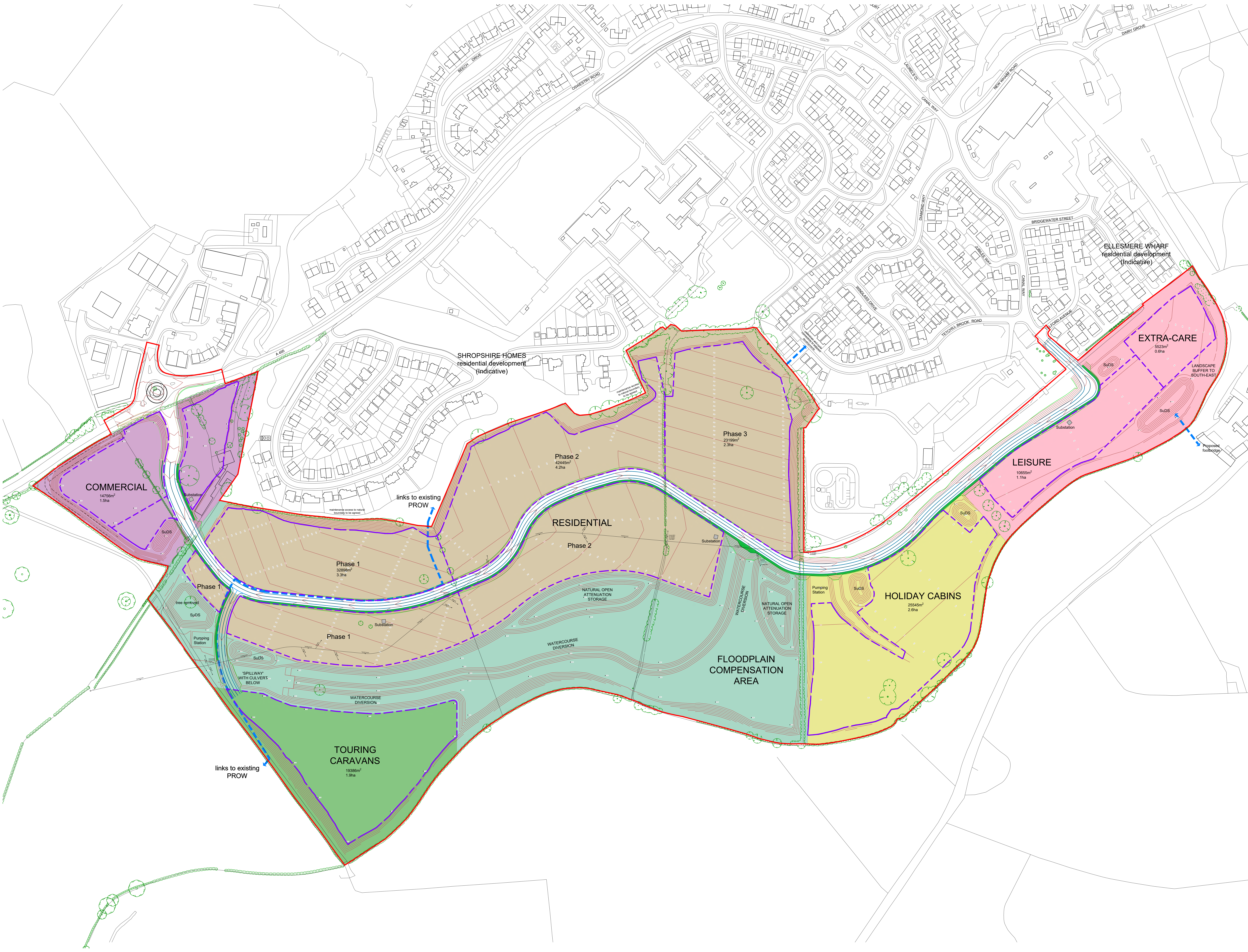
Sewer Node	Sewer Pipe Data									
REFERENCE	COVER LEVEL	INV LEVEL UPSTR	INV LEVEL DOWNSTR	PURP	MATL	SHAPE	MAX SIZE	MIN SIZE	GRADIENT	YEAR LAID
SJ39345305	96.68	94.54	94.19	C	VC	C	225	nil	154.40	nil
SJ39345306	96.68	nil	94.56	C	nil	C	nil	nil	0.00	nil
SJ39345307	96.37	93.98	93.64	S	VC	nil	nil	nil	0.00	nil
SJ39345401	103.66	102.36	nil	S	VC	C	150	nil	0.00	nil
SJ39345402	102.85	nil	101.09	S	VC	C	150	nil	0.00	nil
SJ39345403	102.35	101.02	nil	S	VC	C	225	nil	0.00	nil
SJ39345404	nil	nil	99.49	F	nil	nil	nil	nil	0.00	nil
SJ39345405	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39345406	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39345501	103.15	101.82	96.54	S	VC	C	150	nil	13.53	nil
SJ39345502	103.99	102.85	99.81	S	VC	C	150	nil	19.31	nil
SJ39345503	101.16	99.73	96.18	S	VC	C	150	nil	9.64	nil
SJ39345512	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39345514	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39345601	97.39	96.13	nil	S	VC	C	150	nil	0.00	nil
SJ39345603	96.70	95.46	nil	F	VC	C	150	nil	0.00	nil
SJ39345604	96.86	95.41	nil	S	VC	C	150	nil	0.00	nil
SJ39345605	nil	nil	nil	S	nil	C	nil	nil	0.00	nil
SJ39345606	97.14	95.73	nil	F	VC	C	150	nil	0.00	nil
SJ39345607	nil	nil	95.43	F	VC	C	150	nil	0.00	nil
SJ39345609	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39345610	nil	nil	94.88	F	VC	C	150	nil	0.00	nil
SJ39345611	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39345612	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39345613	nil	nil	nil	F	VC	C	150	nil	0.00	nil
SJ39345616	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39345617	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39345619	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil
SJ39345620	nil	nil	nil	F	PVC	C	100	nil	0.00	nil
SJ39345621	nil	nil	nil	F	BR	E	370	430	0.00	nil
SJ39345622	nil	nil	91.93	F	BR	E	370	430	0.00	nil
SJ39345623	nil	nil	nil	F	nil	C	370	430	0.00	nil
SJ39345626	nil	nil	nil	S	VC	C	150	nil	0.00	nil
SJ39346200	94.61	91.89	91.76	S	VC	C	225	nil	146.83	nil
SJ39346201	93.95	93.01	93.01	C	nil	nil	nil	nil	0.00	nil
SJ39346201	93.95	93.01	nil	C	VC	C	225	nil	0.00	nil
SJ39346202	nil	nil	nil	C	nil	C	nil	nil	0.00	nil
SJ39346204	94.66	91.46	91.33	F	VC	C	150	nil	151.28	nil
SJ39346205	95.98	94.44	94.20	C	VC	C	225	nil	0.00	2016
SJ39346206	94.96	91.56	91.46	F	VC	nil	nil	nil	0.00	nil
SJ39346207	95.38	91.74	91.56	F	VC	nil	nil	nil	0.00	nil
SJ39346208	95.67	92.51	91.74	F	VC	nil	nil	nil	0.00	nil
SJ39346209	96.05	93.82	92.51	F	VC	nil	nil	nil	0.00	nil
SJ39346210	94.93	94.93	nil	S	VC	nil	nil	nil	0.00	nil
SJ39346211	95.44	92.06	92.00	S	CO	nil	nil	nil	0.00	nil
SJ39346212	95.72	92.11	91.74	S	CO	nil	nil	nil	0.00	nil
SJ39346213	96.09	93.22	92.11	S	CO	nil	nil	nil	28.03	nil
SJ39346300	94.93	93.20	92.99	S	VC	C	225	nil	151.89	nil
SJ39346301	97.50	91.87	93.97	S	VC	C	150	nil	0.00	nil
SJ39346302	96.16	95.50	93.90	S	VC	C	150	nil	0.00	nil
SJ39346303	95.20	92.99	91.87	S	VC	C	225	nil	17.65	nil
SJ39346304	98.10	95.54	91.87	F	VC	C	225	nil	0.00	nil
SJ39346305	94.18	91.87	91.87	F	VC	C	225	nil	0.00	nil
SJ39346306	94.18	90.59	90.55	S	CO	C	1500	nil	901.58	nil
SJ39346307	96.11	94.18	93.98	S	VC	nil	nil	nil	0.00	nil
SJ39346401	96.99	95.34	94.01	S	VC	C	150	nil	16.81	nil
SJ39346402	95.47	93.92	93.11	S	VC	C	225	nil	64.69	nil
SJ39346403	101.49	91.87	95.68	S	VC	C	225	nil	0.00	nil
SJ39346404	97.74	95.66	95.00	S	VC	C	225	nil	42.09	nil
SJ39346405	97.01	94.41	93.19	S	VC	C	225	nil	16.39	nil
SJ39346406	94.87	91.81	91.81	S	VC	C	300	nil	0.00	nil
SJ39346407	99.43	98.12	94.56	S	VC	C	150	nil	8.34	nil
SJ39346408	99.61	98.69	98.14	S	VC	C	150	nil	26.22	nil
SJ39346409	102.02	101.01	101.01	S	VC	C	150	nil	0.00	nil
SJ39346410	94.91	92.33	91.87	F	VC	C	150	nil	0.00	nil
SJ39346411	95.85	92.38	92.34	F	VC	C	150	nil	247.50	nil
SJ39346412	97.84	96.40	96.40	F	VC	C	150	nil	0.00	nil
SJ39346413	97.99	96.50	96.40	F	VC	C	150	nil	92.20	nil
SJ39346414	99.23	97.70	96.40	F	VC	C	150	nil	2.79	nil
SJ39346415	97.96	96.60	96.59	F	VC	C	150	nil	1030.00	nil
SJ39346416	97.84	96.61	96.61	F	VC	C	150	nil	0.00	nil
SJ39346417	nil	nil	96.61	F	VC	C	150	nil	0.00	nil
SJ39346418	nil	nil	96.61	F	nil	C	nil	nil	0.00	nil
SJ39346419	99.73	99.24	99.12	F	VC	C	150	nil	9.95	nil
SJ39346420	100.77	99.24	99.83	F	VC	C	150	nil	20.36	nil
SJ39346421	100.85	99.34	99.27	F	VC	C	150	nil	121.29	nil
SJ39346422	nil	nil	96.08	F	VC	C	150	nil	0.00	nil
SJ39346423	98.18	96.06	96.06	F	VC	C	150	nil	0.00	nil
SJ39346424	nil	nil	95.92	F	VC	C	100	nil	0.00	nil
SJ39346425	98.99	95.76	95.76	F	VC	C	225	nil	0.00	nil
SJ39346426	99.19	96.46	95.92	F	VC	C	150	nil	18.52	nil
SJ39346427	100.47	98.41	98.18	F	VC	C	150	nil	18.43	nil
SJ39346428	100.96	98.79	98.42	F	VC	C	150	nil	15.30	nil
SJ39346501	95.93	93.73	93.73	F	VC	C	150	nil	0.00	nil
SJ39346502	97.91	96.77	91.73	F	VC	C	150	nil	3.29	73
SJ39346503	97.86	95.81	96.78	F	VC	C	150	nil	149.00	nil
SJ39346504	98.94	97.26	96.93	F	VC	C	150	nil	42.88	nil
SJ39346505	96.85	93.60	92.90	S	VC	C	225	nil	23.94	nil
SJ39346506	99.25	97.10	95.65	S	VC	C	225	nil	28.78	nil
SJ39346508	102.42	101.42	101.03	S	VC	C	150	nil	18.87	nil
SJ39346509	99.77	98.51	97.12	S	VC	C	150	nil	46.76	nil
SJ39346600	nil	94.82	91.36	C	VC	C	225	nil	25.76	nil
SJ39346601	96.71	94.82	91.36	C	VC	C	225	nil	25.76	nil
SJ39346602	nil	nil	91.36	F	nil	nil	nil	nil	0.00	nil



Sewer Node		Sewer Pipe Data									
REFERENCE	COVER LEVEL	INV LEVEL UPSTR	INV LEVEL DOWNSTR	PURP	MATL	SHAPE	MAX SIZE	MIN SIZE	GRADIENT	YEAR LAID	
SJ39346603	nil	nil	nil	F	PVC	C	150	nil	0.00	2013	
SJ39347200	93.89	90.49	90.47	S	CO	C	1500	nil	500.54	nil	
SJ39347201	93.38	90.47	nil	S	VC	C	225	nil	0.00	nil	
SJ39347202	92.75	87.62	87.57	S	CO	C	1050	nil	90.08	nil	
SJ39347203	92.78	90.30	88.54	F	VC	C	150	nil	21.11	nil	
SJ39347204	94.05	93.33	90.30	F	VC	C	150	nil	31.39	nil	
SJ39347205	94.48	92.12	91.33	F	VC	C	150	nil	21.47	nil	
SJ39347300	88.80	87.11	86.98	S	PVC	C	300	nil	257.89	2012	
SJ39347301	nil	nil	nil	S	VC	C	300	nil	0.00	nil	
SJ39347302	nil	nil	nil	F	VC	C	150	nil	0.00	nil	
SJ39347303	94.31	90.64	90.59	S	CO	C	1500	nil	501.90	nil	
SJ39347304	nil	nil	85.38	S	VC	C	300	nil	0.00	nil	
SJ39347305	nil	nil	nil	F	VC	C	150	nil	0.00	nil	
SJ39347306	94.84	90.55	90.49	S	CO	C	1500	nil	487.43	nil	
SJ39347307	91.09	87.57	87.54	S	CO	C	1050	nil	517.46	nil	
SJ39347308	90.22	87.54	87.52	S	CO	C	1050	nil	539.81	nil	
SJ39347309	89.42	87.65	nil	S	VC	C	300	nil	0.00	nil	
SJ39347310	89.65	87.66	87.65	S	VC	C	300	nil	293.17	nil	
SJ39347311	89.43	87.69	87.66	S	VC	C	300	nil	242.68	nil	
SJ39347312	89.00	87.73	87.69	S	VC	C	300	nil	230.12	nil	
SJ39347313	89.95	87.87	87.73	S	VC	C	300	nil	237.54	nil	
SJ39347314	89.85	88.24	87.96	S	VC	C	225	nil	149.93	nil	
SJ39347315	89.53	88.28	88.24	S	VC	C	225	nil	156.05	nil	
SJ39347316	89.61	87.62	87.58	F	VC	C	150	nil	148.76	nil	
SJ39347317	89.77	87.58	87.27	F	VC	C	150	nil	151.19	nil	
SJ39347318	89.72	87.27	87.04	F	VC	C	150	nil	144.26	nil	
SJ39347319	89.01	87.04	87.00	F	VC	C	150	nil	145.93	nil	
SJ39347320	89.40	87.00	86.95	F	VC	C	150	nil	150.94	nil	
SJ39347321	89.21	86.95	85.90	F	VC	C	150	nil	22.88	nil	
SJ39347323	91.16	89.04	87.96	F	VC	C	150	nil	15.74	nil	
SJ39347400	90.21	87.32	86.88	F	VC	C	150	nil	89.88	2012	
SJ39347401	nil	92.56	91.91	S	VC	C	225	nil	29.55	nil	
SJ39347402	95.40	92.49	92.44	F	VC	C	150	nil	251.80	nil	
SJ39347403	95.53	92.79	92.51	F	VC	C	150	nil	65.07	nil	
SJ39347404	90.24	88.01	87.47	S	CO	C	1050	nil	74.27	2012	
SJ39347405	90.14	88.39	88.28	S	VC	C	225	nil	144.04	nil	
SJ39347406	nil	nil	nil	F	VC	C	150	nil	0.00	nil	
SJ39347407	nil	89.00	nil	S	VC	C	300	nil	0.00	nil	
SJ39347408	92.05	87.62	87.44	S	PVC	C	375	nil	208.58	2008	
SJ39347409	90.82	87.36	87.29	S	CO	C	450	nil	355.37	2008	
SJ39347410	90.15	87.71	87.62	F	VC	C	150	nil	142.80	nil	
SJ39347501	95.05	92.92	92.62	S	VC	C	225	nil	87.23	nil	
SJ39347503	93.93	92.71	92.39	F	VC	C	150	nil	34.38	nil	
SJ39347504	94.66	92.60	92.56	S	VC	C	225	nil	1102.00	nil	
SJ39347505	92.37	88.04	87.85	S	PVC	C	375	nil	203.37	2008	
SJ39347506	93.15	87.88	87.62	S	PVC	C	375	nil	165.60	2008	
SJ39347601	94.07	93.19	92.37	S	VC	C	150	nil	83.45	nil	
SJ39347602	94.52	92.94	92.42	F	VC	C	150	nil	57.85	nil	
SJ39347603	93.57	92.40	91.96	F	VC	C	150	nil	63.68	nil	
SJ39347604	93.43	92.29	91.68	S	VC	C	225	nil	43.28	nil	
SJ39347605	93.06	91.88	91.38	F	VC	C	150	nil	33.28	nil	
SJ39347606	92.66	90.94	90.52	F	VC	C	150	nil	50.62	nil	
SJ39347607	93.30	92.12	92.02	F	VC	C	150	nil	280.20	nil	
SJ39347608	92.90	91.65	91.12	S	VC	C	225	nil	52.42	nil	
SJ39347609	92.47	90.11	90.71	S	VC	C	225	nil	30.53	nil	
SJ39347610	93.95	91.33	nil	C	VC	C	225	nil	0.00	nil	
SJ39347611	92.08	90.49	90.45	F	VC	C	150	nil	529.75	nil	
SJ39347612	92.12	90.67	90.25	S	VC	C	225	nil	42.38	nil	
SJ39347613	91.85	90.43	nil	F	VC	C	150	nil	0.00	nil	
SJ39347614	93.71	92.39	92.13	F	VC	C	150	nil	63.42	nil	
SJ39347615	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil	
SJ39347616	nil	nil	91.61	F	VC	C	100	nil	0.00	nil	
SJ39347618	nil	nil	90.52	F	nil	nil	nil	nil	0.00	nil	
SJ39347621	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil	
SJ39347622	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil	
SJ39347623	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil	
SJ39347624	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil	
SJ39348200	87.96	nil	nil	S	nil	C	600	nil	0.00	2008	
SJ39348201	86.74	nil	nil	F	nil	nil	nil	nil	0.00	nil	
SJ39348201	86.74	nil	nil	F	VC	C	225	nil	0.00	nil	
SJ39348202	89.81	84.22	nil	F	VC	C	225	nil	0.00	nil	
SJ39348206	87.50	85.83	85.82	S	CO	nil	150	nil	97.43	nil	
SJ39348207	87.60	85.80	85.75	S	CO	nil	150	nil	104.05	nil	
SJ39348300	89.70	89.64	86.88	F	VC	C	150	nil	2.97	2012	
SJ39348301	nil	nil	85.49	F	VC	C	150	nil	0.00	nil	
SJ39348302	89.15	86.91	86.65	S	CO	C	600	nil	175.54	2008	
SJ39348303	88.81	86.65	86.26	S	CO	C	600	nil	67.12	2008	
SJ39348304	89.64	89.64	86.03	F	VC	C	150	nil	2.08	2012	
SJ39348305	89.56	86.03	85.66	F	VC	C	150	nil	49.28	2012	
SJ39348306	89.31	85.60	85.57	F	PVC	C	150	nil	669.79	2012	
SJ39348307	89.73	87.47	87.43	S	CO	C	1050	nil	238.75	2012	
SJ39348308	89.66	87.51	87.43	S	CO	C	1050	nil	89.38	2012	
SJ39348309	89.59	87.51	87.37	S	VC	C	1050	nil	66.23	2012	
SJ39348310	89.02	86.25	86.06	F	VC	nil	150	nil	100.67	nil	
SJ39348311	88.58	86.98	86.95	S	PVC	C	300	nil	287.27	2012	
SJ39348312	89.14	85.57	85.25	F	PVC	C	150	nil	158.80	2012	
SJ39348313	88.32	85.25	85.12	F	PVC	C	150	nil	0.00	2012	
SJ39348314	89.09	86.06	85.95	F	VC	nil	150	nil	100.85	nil	
SJ39348315	88.34	86.94	86.78	F	VC	nil	150	nil	100.54	nil	
SJ39348316	88.73	85.78	85.19	F	VC	nil	150	nil	38.17	nil	
SJ39348317	88.42	85.19	85.12	F	PVC	C	150	nil	0.00	2012	
SJ39348318	88.22	86.26	85.75	S	CO	C	600	nil	73.59	2008	
SJ39348319	88.91	86.71	86.58	S	CO	nil	1050	nil	200.62	nil	
SJ39348320	89.10	86.58	86.51	S	CO	nil	1050	nil	198.41	nil	
SJ39348321	88.97	86.51	86.43	S	CO	nil	1050	nil	203.92	nil	

Sewer Node		Sewer Pipe Data									
REFERENCE	COVER LEVEL	INV LEVEL UPSTR	INV LEVEL DOWNSTR	PURP	MATL	SHAPE	MAX SIZE	MIN SIZE	GRADIENT	YEAR LAID	
SJ39348322	88.76	86.43	86.32	S	CO	nil	1050	nil	197.44	nil	
SJ39348323	88.47	86.32	86.29	S	VC	nil	150	nil	62.24	nil	
SJ39348324	88.74	86.93	85.34	F	PVC	C	150	nil	0.00	2012	
SJ39348325	88.53	85.12	85.12	F	PVC	C	150	nil	0.00	2012	
SJ39348326	88.54	85.34	85.25	F	PVC	C	150	nil	136.98	2012	
SJ39348327	89.32	86.94	86.91	S	CO	C	600	nil	454.13	2008	
SJ39348328	89.35	nil	nil	S	CO	C	150	nil	0.00	2012	
SJ39348400	90.20	87.14	87.02	S	CO	C	600	nil	264.78	2008	
SJ39348401	89.59	87.02	86.94	S	CO	C	600	nil	405.70	2008	
SJ39348402	nil	nil	nil	S	nil	nil	nil	nil	0.00	nil	
SJ39348404	89.50	87.15	87.02	S	PVC	C	300	nil	97.85	2012	
SJ39348405	88.97	86.26	86.14	F	PVC	C	150	nil	151.78	2012	
SJ39348406	88.90	86.14	85.82	F	PVC	C	150	nil	158.77	2012	
SJ39348407	89.51	85.82	85.74	F	PVC	C	150	nil	123.84	2012	
SJ39348408	89.53	85.74	85.60	F	PVC	C	150	nil	178.30	2012	
SJ39348501	90.90	89.84	89.27	C	VC	C	nil	nil	68.12	nil	
SJ39348502	90.94	nil	89.84	C	VC	C	150	nil	0.00	nil	
SJ39348503	91.04	90.07	nil	C	VC	C	150	nil	0.00	nil	
SJ39348504	91.04	nil	90.08	C	VC	C	150	nil	0.00	nil	
SJ39348505	nil	nil	nil	S	nil	nil	nil	nil	0.00	nil	
SJ39348601	89.96	87.91	87.15	F	VC	C	300	nil	63.70	nil	
SJ39348602	90.02	88.14	87.79	F	VC	C	150	nil	45.37	nil	
SJ39348603	90.77	89.21	87.80	C	VC	C	150	nil	43.98	nil	
SJ39348604	90.61	88.06	87.96	F	VC	C	225	nil	89.60	nil	
SJ39348606	nil	nil	86.19	F	VC	C	150	nil	0.00	nil	
SJ39348609	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil	
SJ39348610	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil	
SJ39348612	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil	
SJ39348613	nil	nil	nil	S	nil	nil	nil	nil	0.00	nil	
SJ39348709	nil	nil	nil	F	nil	nil	nil	nil	0.00	nil	
SJ39349300	87.50	85.98	85.83	S	CO	R	1000	500	202.19	nil	
SJ39349301	88.93	87.47	87.15	S	PVC	C	300	nil	212.41	2012	
SJ39349402	89.20	87.68	87.47	S	PVC	C	300	nil	79.84	2012	
SJ39349403	88.70	87.59	87.47	S	PVC	C	150	nil	68.78	2012	
SJ39349404	89.22	86.64	86.26	F	PVC	C	150	nil	34.14	2012	
SJ39349405	89.71	86.38	86.26	F	PVC	C	150	nil	102.27	2012	
SJ39349501	nil	nil	85.64	C	VC	C	150	nil	0.00	nil	
SJ39349502	89.62	87.04	86.00	F	VC	C	450	280	116.24	nil	
SJ39349503	88.85	86.95	86.88	F	VC	C	450	nil	111.86	nil	
SJ39349503	88.82	86.85	86.81	C	VC	C	450	nil	0.00	nil	
SJ39349604	89.74	87.04	86.89	C	VC	C	450	nil	228.71	nil	
SJ39349605	89.67	87.79	87.26	C	VC	C	nil	nil	50.98	nil	
SJ39349606	87.54	86.34	86.31	S	VC	C	300	nil	0.00	nil	
SJ39349607	87.42	86.19	86.13	C	VC	C	450	nil	0.00	nil	
SJ39349608	87.32	86.11	86.11	nil	VC	C	nil	nil	0.00	nil	
SJ39349610	87.87	87.15	86.71	S	VC	C	150	nil	20.32	nil	
SJ39349611	88.08	87.17	87.16	S	VC	C	150	nil	825.00	nil	
SJ39349612	87.52	85.62	86.11	C	VC	C	150	nil	0.00	nil	
SJ39349613	nil	nil	nil	VC	VC	C	nil	nil	0.00	nil	
SJ39349651	100.02	99.17	99.17	F	VC	C	150	nil	0.00	nil	
SJ39349651	93.38	90.04	89.66	C	VC	C	225	nil	116.24	nil	
SJ39349652	92.42	90.22	89.66	F	VC	C	150	nil	10.79	nil	
SJ39349653	nil	nil	nil	F	VC	C	150	nil	0.00	nil	
SJ39349654	94.02	nil	nil	F	VC	C	150	nil	0.00	nil	
SJ39349655	94.72	92.37	92.22	F	VC	C	150	nil	22.00	nil	
SJ39349656	95.22	93.22	92.37	F	VC	C	150	nil	16.05	nil	
SJ39349657	95.72	93.53	93.22	F	VC	C	150	nil	18.06	nil	
SJ39349701	91.62	89.55	89.19	C	VC	C	225	nil	97.39	nil	
SJ39341501	nil	nil	90.85	C	nil	nil	nil	nil	0.00	nil	
SJ39341502	92.89	90.84	90.06	C	VC	C	225	nil	93.03	nil	
SJ39341601	106.19	104.19	102.97	F	VC	C	150	nil	31.93	nil	
SJ39342401	nil	nil	nil	F	VC	C	150	nil	0.00	nil	
SJ39342402	nil	nil	nil	F	VC	C	150	nil	0.00	nil	
SJ39342402	96.95	95.52	91.95	C	VC	C	150	nil	17.99	nil	
SJ39342402	93.32	91.92	91.92	C	VC	C	225	nil	0.00	nil	
SJ39342501	104.00	102.45	98.32	C	VC	C	150	nil	9.27	nil	
SJ39342602	100.02	98.17	95.63	C	VC	C	150	nil	18.50	nil	
nil	nil	nil	nil	F	VC	nil	nil	nil	0.00	nil	
nil	nil	nil	nil	F	VC	nil	nil	nil	0.00	nil	
nil	nil	nil	nil	F	VC	nil	nil	nil	0.00	nil	
nil	nil	nil	nil	F	VC	nil	nil	nil	0.00	nil	

Appendix 4: Illustrative Masterplan



This line should measure 80mm when printed correctly

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Rev	Date	By	CHK	Description
P	17.03.23	EP	CW	Label information
Q	31.03.23	EP	CW	Indicative layout illustrated
R	06.04.23	EP	CW	Substations added
S	11.04.23	MA	EP	Substations relocated

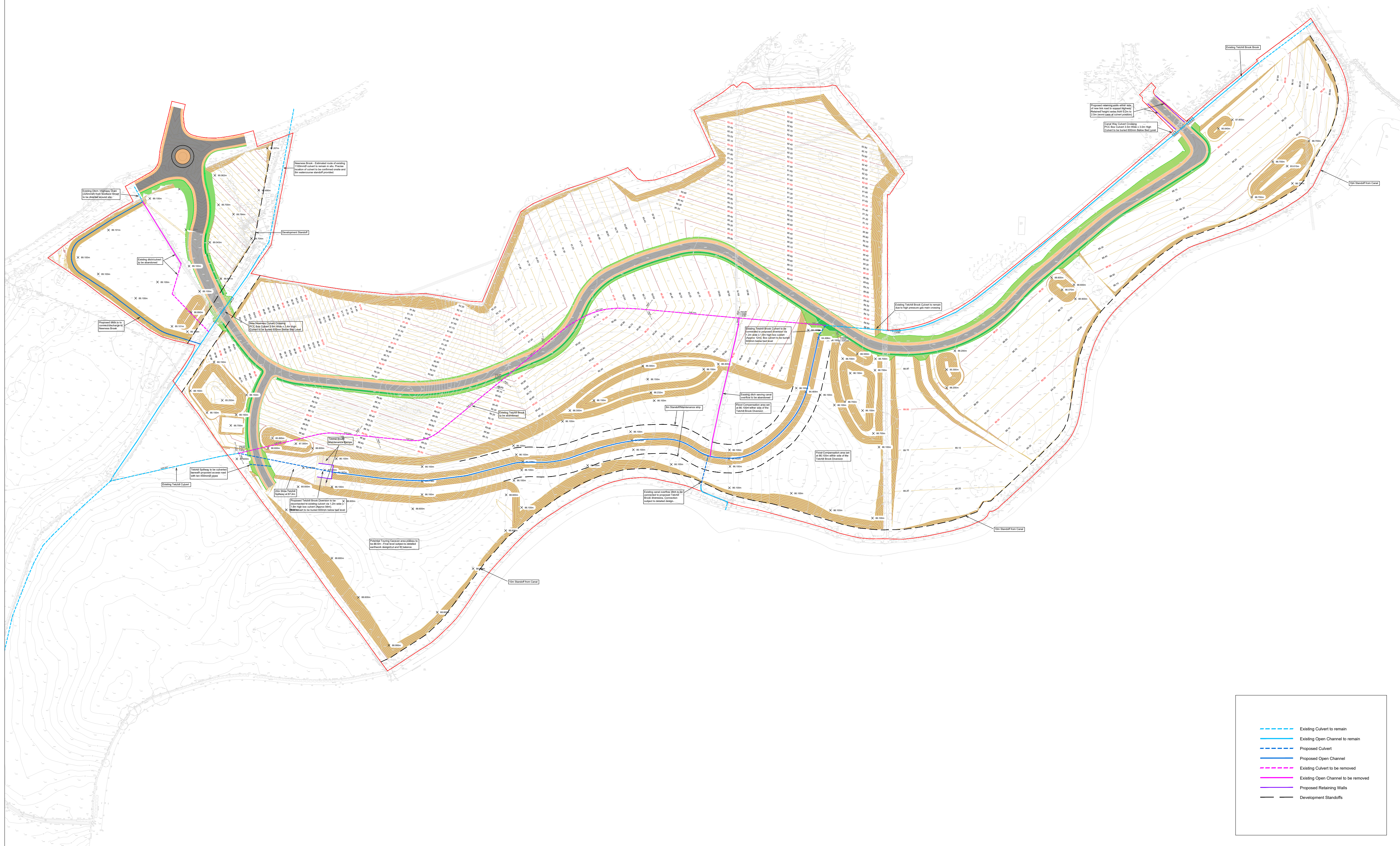
rl.
Roberts Limbrick
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Registered Office (England No. 04658929)

Project Name
Ellesmere Canalside Development

Client Name
Burbury Investments

Drawing Title
Indicative Masterplan

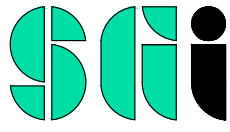
Scale	Project No.				
1:1250 @ A0	5614				
Status	Purpose Of Issue				
S0	Work In Progress				
Project	Org	Vol	Level	Form	Role
5614	• RL	• XX	• 00	• DR	• A
Number	Revision				
PL500	S				



Check with SGI that the information or data within the model is current and correct, if that information or data does not appear on published drawing sheets or other documentation

1. This drawing is to be read in conjunction with all relevant architects and engineers drawings and specifications.
2. Do not scale this drawing, all details and dimensions are to be checked the Contractor. Any discrepancies are to be reported to the Engineer.
3. All dimensions are in metres and levels in metres Above Ordnance Datum (AOD) unless noted otherwise.

The proposed contours shown on this drawing are based on a preliminary earthwork balance. In the event that some of the assumptions i.e. some of the excavated material is not of reusable quality and/or top soil depths are greater/lower than expected. Then the future plots/plateaus will be adjusted by $\pm 500\text{mm}$ to compensate for the excess/lack of material.

P3	Levels along Newness adjusted			20.04.2023
P2	Roundabout information added			06.04.2023
Rev.	Description		Rev. by	Date
	 Shepherd Gilmour Consulting Engineers 3rd Floor Phoenix House, 45 Cross Street, Manchester, M2 4JF T: 0161 837 1500 W: www.sginfrastructure.co.uk			
Client				
Formal Investments				
Architect				
Roberts Limbrick				
Project				
Canalside Development, Ellesmere				
Title				
Earthwork Strategy Proposed Levels				
Date	22.02.2023	Drawn By	DOR	
Size	A1	Checked by	DOR	
Scale	1:2000	Approved By	DOR	
Dwg. No.				Rev
C1581-SGI-ZZ-00-DR-C-0401				P3