

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - ASK.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

NEW SURFACE WATER MANHOLE					
MANHOLE	COVER LEVEL	INVERT LEVEL	'E' EASTING	'N' NORTHING	Pipe Length
Ex. S	+27.20	IN FROM S1.21: +24.47	564795.1710	571653.1890	19.37m
S1.0	+71.20	OUT: +67.99	565006.0090	571921.3130	45.27m
S1.1	+67.66	IN FROM S1.0: +66.62 OUT: +65.82	564962.9510	571907.3950	45.27m 11.51m
S1.2	+66.61	IN FROM S1.1: +65.54 OUT: +64.76	564953.4390	571900.9180	11.51m 11.56m
S1.3	+65.51	IN FROM S1.2: +64.47 OUT: +63.37	564948.8940	571890.2980	11.56m 14.19m
S1.4	+64.37	IN FROM S1.3: +63.01 IN FROM S2.0: +62.13 OUT: +62.05	564948.6140	571876.1180	14.19m 9.65m 43.13m
S1.5	+63.53	IN FROM S1.4: +61.82 IN FROM S3.0: +61.81 OUT: +60.09	564948.3840	571866.4750	9.65m 36.38m 51.23m
S1.6	+60.37	IN FROM S1.5: +58.37 IN FROM S4.8: +58.96 OUT: +58.00	564947.8590	571830.1430	36.38m 6.83m 15.90m
S1.7	+59.77	IN FROM S1.6: +57.81 OUT: +57.12	564947.7540	571823.3190	6.83m 6.70m
S1.8	+59.09	IN FROM S1.7: +56.95 OUT: +56.17	564945.3830	571817.0520	6.70m 8.02m
S1.9	+58.19	IN FROM S1.8: +56.00 OUT: +54.80	564937.7490	571814.6110	8.02m 63.79m
S1.10	+53.90	IN FROM S1.9: +51.58 OUT: +50.09	564874.0670	571812.6890	63.79m 19.60m
S1.11	+51.99	IN FROM S1.10: +49.16 OUT: +49.16	564860.9870	571798.1220	19.60m 30.08m
S1.12	+49.95	IN FROM S1.11: +47.71 OUT: +46.82	564859.8970	571768.0990	30.08m 12.53m
S1.13	+49.09	IN FROM S1.12: +46.41 IN FROM S7.6: +46.41 OUT: +45.14	564867.0530	571757.8170	12.53m 23.01m 49.41m
S1.14	+47.68	IN FROM S1.13: +44.54 OUT: +43.44	564862.4870	571735.2760	23.01m 13.56m
S1.15	+43.64	IN FROM S1.14: +42.79 OUT: +41.33	564859.7980	571722.0040	13.56m 8.94m
S1.16	+43.00	IN FROM S1.15: +40.88 IN FROM S10.0: +40.88 OUT: +39.94	564858.0260	571713.2550	8.94m 63.29m 30.91m
S1.17	+41.29	IN FROM S1.16: +39.58 IN FROM S11.2: +39.96 OUT: +39.58	564920.2480	571701.6990	63.29m 8.76m 4.53m
S1.18	+41.22	IN FROM S1.17: +39.55 IN FROM S12.4: +38.59 OUT: +38.56	564928.8610	571700.0990	8.76m 41.47m 18.53m

NEW SURFACE WATER MANHOLE					
MANHOLE	COVER LEVEL	INVERT LEVEL	'E' EASTING	'N' NORTHING	Pipe Length
S1.19	+39.34	IN FROM S1.18: +38.48 IN FROM S12.4: +36.93 OUT: +35.40	564916.2140	571686.5520	24.85m 18.53m 50.79m
S1.20	+36.70	IN FROM S1.19: +34.97 OUT: +31.44	564891.8110	571683.0700	24.85m 90.08m
S1.21	+30.20	IN FROM S1.20: +26.44 OUT: +25.44	564802.6760	571671.0220	90.08m 19.37m
S2.0	+64.00	OUT: +62.39	564905.4890	571876.1170	43.13m
S3.0	+65.85	OUT: +62.57	564999.2400	571872.6480	51.23m
S4.0	+66.20	OUT: +64.68	564983.4840	571880.6160	29.53m
S4.1	+66.88	IN FROM S4.0: +64.23 IN FROM S5.0: +64.88 OUT: +64.23	565011.7780	571889.0720	29.53m 49.42m 20.10m
S4.2	+63.98	IN FROM S4.1: +62.75 OUT: +62.75	565026.2740	571841.8470	49.42m 24.17m
S4.3	+63.98	IN FROM S4.2: +62.51 OUT: +62.51	565003.0690	571835.0780	16.21m 24.17m
S4.4	+62.66	IN FROM S6.0: +61.18 IN FROM S4.3: +62.35 OUT: +59.88	564987.9730	571840.9870	26.89m 19.85m 16.21m
S4.5	+61.50	IN FROM S4.4: +59.39 OUT: +59.29	564968.2870	571838.4670	19.85m 9.69m
S4.6	+60.80	IN FROM S4.5: +59.12 OUT: +59.04	564963.7550	571829.9020	9.69m 15.90m
S5.0	+66.62	OUT: +65.28	565030.8480	571895.4050	20.10m
S6.0	+62.85	OUT: +61.58	565014.4450	571844.3770	26.89m
S7.0	+55.85	OUT: +54.26	565057.2390	571760.9400	78.78m
S7.1	+56.13	IN FROM S7.0: +53.73 OUT: +52.72	564979.8190	571775.4990	78.78m 17.31m
S7.2	+56.22	IN FROM S7.1: +53.47 OUT: +52.72	564962.8530	571778.9190	17.31m 17.85m
S7.3	+54.59	IN FROM S8.1: +53.28 IN FROM S7.2: +52.46 OUT: +51.10	564945.2130	571779.4670	12.99m 11.37m 17.65m
S7.4	+52.14	IN FROM S7.3: +50.82 OUT: +48.99	564942.7870	571768.3650	11.37m 18.55m
S7.5	+49.65	IN FROM S7.4: +48.53 IN FROM S9.3: +47.71 OUT: +47.56	564938.8280	571750.2480	18.55m 23.33m 19.04m

NEW SURFACE WATER MANHOLE					
MANHOLE	COVER LEVEL	INVERT LEVEL	'E' EASTING	'N' NORTHING	Pipe Length
S7.6	+49.75	IN FROM S7.5: +47.40 OUT: +47.40	564915.5680	571748.4900	23.33m 49.41m
S8.0	+58.18	OUT: +55.99	564957.6450	571805.4200	17.47m
S8.1	+56.88	IN FROM S8.0: +55.55 OUT: +53.60	564954.8400	571788.1870	17.47m 12.99m
S9.0	+49.91	OUT: +48.42	565038.7520	571729.6780	6.82m
S9.1	+49.79	IN FROM S9.0: +48.38 OUT: +48.38	565033.1710	571733.6050	50.94m 6.82m
S9.2	+49.54	IN FROM S9.1: +48.03 OUT: +48.01	564983.2270	571743.6250	50.94m 25.93m
S9.3	+49.53	IN FROM S9.2: +47.83 OUT: +47.83	564957.8020	571748.7260	25.93m 19.04m
S10.0	+45.44	OUT: +41.65	564828.2960	571721.6630	30.91m
S11.0	+46.25	OUT: +44.97	564864.8540	571728.7160	59.49m
S11.1	+44.21	IN FROM S11.0: +42.99 OUT: +41.43	564923.1370	571716.9620	59.49m 11.01m
S11.2	+42.00	IN FROM S11.1: +41.06 OUT: +40.11	564921.0910	571706.1520	11.01m 4.53m
S12.0	+41.20	OUT: +39.68	564934.2420	571698.8720	37.37m
S12.1	+41.23	IN FROM S12.0: +39.48 OUT: +39.48	564970.6750	571690.5640	37.37m 56.34m
S12.2	+41.34	IN FROM S12.1: +39.16 IN FROM S13.0: +39.16 OUT: +39.08	565025.8990	571679.4240	56.34m 11.52m 18.77m
S12.3	+41.16	IN FROM S12.2: +38.99 OUT: +38.99	565007.5080	571675.6630	41.37m 18.77m
S12.4	+41.11	IN FROM S12.3: +38.79 OUT: +37.55 OUT: +38.79	564966.9160	571683.6300	41.37m 50.79m 41.47m
S13.0	+42.75	OUT: +39.28	565028.1670	571690.7190	11.52m

SURFACE WATER DRAINAGE SCHEDULE

SCALE @ A1: N.T.S.
SCALE @ A3: N.T.S.

ISSUE	DATE	DESCRIPTION	DRN	ORIG	P.E.
PL3	08.12.20	ISSUED FOR PLANNING	MJ	MJ	TMH
PL2	03.12.20	ISSUED FOR PLANNING	MJ	MJ	TMH
PL1	27.11.20	ISSUED FOR PLANNING	MJ	MJ	TMH

DRAWING STAGE: **PLANNING**

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CLIENT: **LAND DEVELOPMENT AGENCY**

PROJECT TITLE	BM PROJECT No.
ST KEVIN'S STRATEGIC HOUSING DEVELOPMENT	19305

MODEL REFERENCE	MODEL REV.	SUITABILITY
19305-BMD-ZZ-XX-C3D-C-1000	P1	S0

DRAWING TITLE: **SURFACE WATER DRAINAGE SCHEDULE**

DRAWING No.	ISSUE
19305-BMD-ZZ-XX-DR-C-1002	PL3