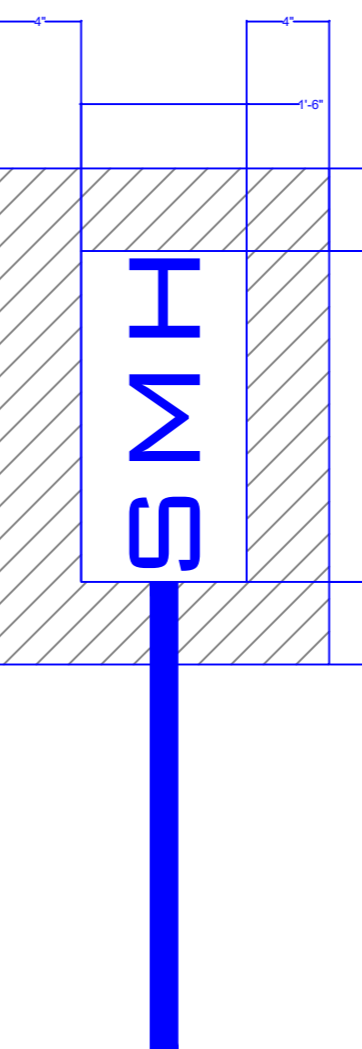


SEWER MANHOLE



SEWER LINE INVERT LEVEL										
	NAME OF LINE	LENGTH OF LINE IN "FEET"	LENGTH OF LINE IN "M"	DESIGNED		LEVELS OF STARTS		LEVELS OF END		
				PIPE DIA IN MM	GRADIENT I/J.N.	GL	IL	DROP IN MM	GL	IL
STARTING	SMH1 TO SMH2	42	12.6	240	200	0.00	-750.00	63.00	600.00	-813.00
	SMH2 TO SMH3	42	12.6	240	200	0.00	-813.00	63.00	600.00	-876.00
	SMH3 TO SMH4	42	12.6	240	200	0.00	-876.00	63.00	600.00	-939.00
	SMH4 TO SMH5	42	12.6	240	200	0.00	-939.00	63.00	600.00	-1002.00
	SMH5 TO SMH6	42	12.6	240	200	0.00	-1002.00	63.00	600.00	-1065.00
	SMH6 TO SMH7	42	12.6	240	200	0.00	-1065.00	63.00	600.00	-1128.00
	SMH7 TO SMH8	42	12.6	240	200	0.00	-1128.00	63.00	600.00	-1191.00
	SMH8 TO SMH9	39	11.7	240	200	0.00	-1191.00	58.50	600.00	-1249.50
	SMH9 TO SMH20	7	2.1	300	240	0.00	-1249.50	8.75	600.00	-1258.25
	SMH20 TO SMH21	52.3	15.69	300	240	0.00	-1258.25	65.38	600.00	-1323.63
	SMH21 TO SMH22	5.11	1.533	300	240	0.00	-1323.63	6.39	600.00	-1330.01
	SMH22 TO SMH23	44.11	13.233	300	240	0.00	-1330.01	55.14	600.00	-1385.15
	SMH23 TO SMH24	43.3	12.99	300	240	0.00	-1385.15	54.13	600.00	-1439.28
	SMH24 TO SMH25	34.7	10.41	300	240	0.00	-1439.28	43.38	600.00	-1482.65
	SMH25 TO SMH26	38.1	11.43	300	240	0.00	-1482.65	47.63	600.00	-1530.28
	SMH26 TO SMH27	24.7	7.41	300	240	0.00	-1530.28	30.88	600.00	-1561.15
	SMH27 TO SMH28	43.2	12.96	300	240	0.00	-1561.15	54.00	600.00	-1615.15
	SMH28 TO SMH29	42.11	12.633	300	240	0.00	-1615.15	52.64	600.00	-1667.79
	SMH29 TO SMH31	41.11	12.333	300	240	0.00	-1667.79	51.39	600.00	-1719.18
	SMH31 TO SMH32	57	17.1	300	240	0.00	-1719.18	71.25	600.00	-1790.43
STARTING	SMH10 TO SMH11	41.2	12.36	240	200	0.00	-750.00	61.80	600.00	-811.80
	SMH11 TO SMH12	42	12.6	240	200	0.00	-811.80	63.00	600.00	-874.80
	SMH12 TO SMH13	42	12.6	240	200	0.00	-874.80	63.00	600.00	-937.80
	SMH13 TO SMH14	42	12.6	240	200	0.00	-937.80	63.00	600.00	-1000.80
	SMH14 TO SMH15	42	12.6	240	200	0.00	-1000.80	63.00	600.00	-1063.80
	SMH16 TO SMH17	42	12.6	240	200	0.00	-1063.80	63.00	600.00	-1126.80
	SMH18 TO SMH19	25.7	7.71	240	200	0.00	-1126.80	38.55	600.00	-1165.35
	SMH19 TO SMH20	34	10.2	240	200	0.00	-1165.35	51.00	600.00	-1216.35
STARTING	SMH33 TO SMH34	39.4	11.82	240	200	0.00	-750.00	59.10	600.00	-809.10
	SMH34 TO SMH35	42.11	12.633	240	200	0.00	-809.10	63.17	600.00	-872.27
	SMH35 TO SMH36	43	12.9	240	200	0.00	-872.27	64.50	600.00	-936.77
	SMH36 TO SMH37	43	12.9	240	200	0.00	-936.77	64.50	600.00	-1001.27
	SMH37 TO SMH38	39	11.7	240	200	0.00	-1001.27	58.50	600.00	-1059.77
	SMH38 TO SMH39	6	1.8	240	200	0.00	-1059.77	9.00	600.00	-1068.77
	SMH39 TO SMH41	27.9	8.37	240	200	0.00	-1068.77	41.85	600.00	-1110.62
	SMH41 TO SMH42	19.11	5.733	240	200	0.00	-1110.62	28.67	600.00	-1139.28
	SMH42 TO SMH43	43.1	12.93	240	200	0.00	-1139.28	64.65	600.00	-1203.93
	SMH43 TO SMH44	8	2.4	240	200	0.00	-1203.93	12.00	600.00	-1215.93
	SMH44 TO SMH45	42.8	12.84	240	200	0.00	-1215.93	64.20	600.00	-1280.13
	SMH45 TO SMH46	52	15.6	240	200	0.00	-1280.13	78.00	600.00	-1358.13

STARTING	SMH57 TO SMH58	51.11	15.333	240	200	0.00	-750.00	76.67	600.00	-826.67
	SMH58 TO SMH59	43.1	12.93	240	200	0.00	-826.67	64.65	600.00	-891.32
	SMH59 TO SMH60	43.1	12.93	240	200	0.00	-891.32	64.65	600.00	-955.97
STARTING	SMH40 TO SMH41	20.3	6.09	240	200	0.00	-750.00	30.45	600.00	-780.45
STARTING	SMH46 TO SMH47	42	12.6	240	200	0.00	-750.00	63.00	600.00	-813.00
	SMH47 TO SMH48	42	12.6	240	200	0.00	-813.00	63.00	600.00	-876.00
	SMH48 TO SMH49	42.1	12.63	240	200	0.00	-876.00	63.15	600.00	-939.15
	SMH49 TO SMH50	42	12.6	240	200	0.00	-939.15	63.00	600.00	-1002.15
	SMH51 TO SMH52	42	12.6	240	200	0.00	-1002.15	63.00	600.00	-1065.15
	SMH52 TO SMH53	42	12.6	240	200	0.00	-1065.15	63.00	600.00	-1128.15
	SMH53 TO SMH54	42	12.6	240	200	0.00	-1128.15	63.00	600.00	-1191.15
	SMH54 TO SMH55	38	11.4	240	200	0.00	-1191.15	57.00	600.00	-1248.15
	SMH55 TO SMH56	5.8	1.74	240	200	0.00	-1248.15	8.70	600.00	-1256.85
	SMH56 TO SMH46	24	7.2	240	200	0.00	-1256.85	36.00	600.00	-1292.85
	SMH46 TO SMH60	54	16.2	300	240	0.00	-1292.85	67.50	600.00	-1360.35
	SMH60 TO SMH70	41.5	12.45	300	240	0.00	-1360.35	51.88	600.00	-1412.23
	SMH70 TO SMH71	57.2	17.16	300	240	0.00	-1412.23	71.50	600.00	-1483.73
	SMH71 TO SMH69	33.2	9.96	300	240	0.00	-1483.73	41.50	600.00	-1525.23
	SMH69 TO SMH72	78.6	23.58	300	240	0.00	-1525.23	98.25	600.00	-1623.48
	SMH72 TO SMH74	52	15.6	300	240	0.00	-1623.48	65.00	600.00	-1688.48
SMH72 TO STP IS AS PER SITE CONDITION										
STARTING	SMH61 TO SMH62	43	12.9	240	200	0.00	-750.00	64.50	600.00	-814.50
	SMH62 TO SMH63	43	12.9	240	200	0.00	-814.50	64.50	600.00	-879.00
	SMH63 TO SMH64	43	12.9	240	200	0.00	-879.00	64.50	600.00	-943.50
	SMH64 TO SMH65	42.11	12.633	240	200	0.00	-943.50	63.17	600.00	-1006.67
	SMH65 TO SMH66	39.11	11.733	240	200	0.00	-1006.67	58.67	600.00	-1065.33
	SMH66 TO SMH67	40	12	240	200	0.00	-1065.33	60.00	600.00	-1125.33
	SMH67 TO SMH68	42	12.6	240	200	0.00	-1125.33	63.00	600.00	-1188.33
	SMH68 TO SMH69	72	21.6	240	200	0.00	-1188.33	108.00	600.00	-1296.33
STARTING	SMH74 TO SMH32	54	16.2	240	200	0.00	-750.00	81.00	600.00	-831.00

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