

HAVEN AVENUE STORM SEWER STRUCTURE TABLE													
STA. 10+00.00 TO STA. 16+00.00													
STRUCTURE NO.	STRUCTURE TYPE	DIA.	STATION	OFFSET	RIM ELEV.	INV. NORTH	INV. NW	INV. NE	INV. SOUTH	INV. SW	INV. SE	INV. EAST	INV. WEST
S101	INLET TY A	2'	10+48.43	23.05' LT	709.87							706.07	
(E) S102	(E) STR. TY 11 F&G	2'	10+50.78	18.98' RT	709.00								
STA. 16+00.00 TO STA. 22+00.00													
S201	INLET TY A	2'	16+00.00	13.50' LT	714.78						711.78		
S202	CB TY A, F&G 11	4'	16+00.00	13.50' RT	714.78			711.30				711.06	
S203	MH TY A, F&G 1 OL	4'	16+00.00	18.50' RT	715.24			710.96	710.86				
S204	MH TY A, F&G 11	4'	18+45.00	13.50' RT	714.38				710.42		710.52		
S205	MH TY A, F&G 1 OL	4'	18+90.00	18.50' RT	714.38			710.08	709.98		710.08		
S206	CB TY A, F&G 11	4'	18+90.00	13.50' RT	713.92			710.44			710.18		
S207	INLET TY A	2'	18+90.00	13.50' LT	713.92						716.92		
S208	INLET TY A	2'	18+26.00	13.50' LT	712.51						709.51		
S209	CB TY A, F&G 11	4'	18+26.00	13.50' RT	712.54			709.03			708.92		
S210	MH TY A, F&G 1 OL	4'	18+26.00	18.50' RT	712.97			708.82	708.72		708.82		
S211	CB TY A, F&G 11	4'	18+94.70	27.47' LT	712.15						708.48		
S212	INLET TY A	2'	19+22.60	30.22' LT	711.71			708.50			709.10		
S213	INLET TY A	2'	19+90.00	13.50' LT	710.60						707.60		
S214	MH TY A, F&G 11	4'	19+90.00	13.50' RT	710.60			707.12	707.07		707.09		
S215	MH TY A, F&G 11	5'	20+53.64	13.60' RT	709.98			(E)708.37	(E)708.34		(E)705.97		
S216	INLET TY A	2'	20+53.18	13.50' LT	709.98						706.81		
S217	INLET TY A	2'	21+00.81	13.50' LT	709.98						706.98		
S219	MH TY A, F&G 11	5'	21+00.81	13.50' RT	709.98			706.50	706.47		706.45		
S219	MH TY A, F&G 11	5'	21+90.00	13.50' RT	710.15			706.77	706.71		706.69		
S220	INLET TY A	2'	21+90.00	13.50' LT	710.25						707.25		
STA. 22+00.00 TO STA. 28+00.00													
S301	INLET TY A	2'	23+30.00	13.50' LT	710.85						707.85		
S302	MH TY A, F&G 11	5'	23+30.00	13.50' RT	710.85			707.37	707.19		707.17		
(E) S303	(E) STR. F&G 11	2'	24+65.68	13.50' RT	711.79								
S304	INLET TY A	2'	24+57.46	17.67' LT	711.43						708.43		
S305	INLET TY A	2'	25+01.31	19.41' LT	711.80				708.38				
S306	INLET TY A	2'	27+00.00	13.50' LT	713.93						710.93		
S307	MH TY A, F&G 11	5'	27+00.00	13.50' RT	713.93			710.45	709.74		709.72		
(E) S308	(E) STR. F&G 11	2'	22+89.71	13.50' LT	715.01								
S309	F&G 1 OL		27+89.80	12.10' RT	715.03			(E)710.81	710.81		(E)710.79		
STA. 28+00.00 TO STA. 34+00.00													
S401	INLET TY A	2'	29+30.00	13.50' LT	716.70						713.70		
S402	CB TY A, F&G 11	4'	29+30.00	13.50' RT	716.70						712.44		713.22
S403	MH TY A, F&G 1 OL	4'	29+30.00	16.50' RT	716.20			712.34			712.24		712.34
S404	MH TY A, F&G 1 OL	4'	30+35.00	16.50' RT	718.83			713.95			713.85		713.95
S405	CB TY A, F&G 11	4'	30+35.00	13.50' RT	718.37						714.05		714.89
S406	INLET TY A	2'	30+35.00	13.50' LT	718.37						715.37		
S407	INLET TY A	2'	31+40.00	13.50' LT	719.48						716.48		
S408	CB TY A, F&G 11	4'	31+40.00	13.50' RT	719.48						716.71		716.00
S409	MH TY A, F&G 1 OL	4'	31+40.00	16.50' RT	719.94			715.81			715.51		715.81
S410	MH TY A, F&G 1 OL	4'	32+50.00	16.50' RT	721.96			717.30			717.20		717.30
S411	CB TY A, F&G 11	4'	32+50.00	13.50' RT	721.50						717.40		718.02
S412	INLET TY A	2'	32+50.00	13.50' LT	721.50						718.50		
S413	INLET TY A	2'	33+55.00	13.50' LT	723.20						720.20		
S414	CB TY A, F&G 11	4'	33+55.00	13.50' RT	723.20						718.94		719.22
S415	MH TY A, F&G 1 OL	4'	33+55.00	16.50' RT	723.86			718.84			718.74		718.84
STA. 34+00.00 TO STA. 40+00.00													
S601	MH TY A, F&G 1 OL	4'	34+50.00	16.50' RT	724.42			720.38					720.38
S602	CB TY A, F&G 11	4'	34+50.00	13.50' RT	723.96							720.48	720.58
S603	INLET TY A	2'	34+50.00	13.50' LT	723.96							720.96	
S604	INLET TY A	2'	35+50.00	13.50' LT	724.59							721.59	
S605	CB TY A, F&G 11	4'	36+50.00	13.50' RT	724.59						721.15		721.25
S606	MH TY A, F&G 1 OL	4'	39+50.00	16.50' RT	725.05			721.05			720.95		721.05
S607	MH TY A, F&G 1 OL	4'	36+50.00	16.50' RT	725.67						721.62		721.72
S608	CB TY A, F&G 11	4'	36+50.00	13.50' RT	725.21							721.82	721.92
S609	INLET TY A	2'	36+50.00	13.50' LT	725.21							721.21	
STA. 40+00.00 TO STA. 42+00.00													
S601	MH TY A, F&G 11	4'	41+72.88	20.97' RT	719.36								713.94
S602	MH TY A, F&G 11	4'	41+73.74	21.41' LT	718.59								713.69

HAVEN AVENUE STORM SEWER PIPE TABLE											
STA. 10+00.00 TO STA. 16+00.00											
PIPE NO.	FROM STR.	TO STR.	MATERIAL	TYPE	LENGTH	DIA.	UPPER INV.	LOWER INV.	SLOPE %	TRENCH B.F.	
P101	S101	EX PIPE	RCCP	1	3'	12"	706.07	706.07	2.00	0.41	
STA. 16+00.00 TO STA. 22+00.00											
P201	S201	S202	RCCP	1	24'	12"	711.78	711.30	2.00	3.96	
P202	S202	S203	RCCP	1	3'	12"	711.06	710.96	3.33	0.73	
P203	S203	S204	RCCP	1	37'	12"	710.86	710.52	0.92	9.49	
P204	S204	S205	RCCP	1	36'	12"	710.42	710.08	0.92	9.78	
P205	S205	S206	RCCP	1	3'	12"	710.18	710.08	3.33	0.74	
P206	S206	S206	RCCP	1	24'	12"	710.62	710.44	2.00	3.96	
P207	S205	S210	RCCP	1	126'	12"	709.98	708.82	0.92	34.49	
P208	S209	S210	RCCP	1	3'	12"	708.92	708.82	3.33	0.70	
P209	S208	S209	RCCP	1	24'	12"	709.51	709.03	2.00	4.00	
P210	S210	EX STR	RCCP	1	77'	12"	708.72	708.01	0.92	23.75	
P211	S211	EX PIPE	RCCP	1	3'	15"	708.48	708.45	1.00	0.60	
P212	S212	S211	RCCP	1	26'	12"	709.10	708.58	2.00	3.88	
P213	S213	S214	RCCP	1	24'	12"	707.60	707.12	2.00	3.96	
P214	S217	S218	RCCP	1	24'	12"	706.98	706.50	2.00	3.96	
P215	S220	S219	RCCP	1	24'	12"	707.25	706.77	2.00	3.84	
STA. 22+00.00 TO STA. 28+00.00											
P301	S301	S302	RCCP	1	24'	12"	707.85	707.37	2.00	3.96	
P302	S304	S303	RCCP	1	30'	12"	708.43	707.79	2.20	5.77	
P303	S305	EX PIPE	RCCP	1	2'	12"	708.38	708.34	2.00	0.37	
P304	S306	S307	RCCP	1	24'	12"	710.93	710.45	2.00	3.96	
STA. 28+00.00 TO STA. 34+00.00											
P401	S309	S403	RCCP	1	143'	18"	712.24	710.81	1.00	36.15	
P402	S402	S403	RCCP	1	3'	12"	712.44	712.34	2.00	0.75	
P403	S401	S402	RCCP	1	24'	12"	713.70	713.22	2.00	3.96	
P404	S404	S403	RCCP	1	101'	15"	713.85	712.34	1.50	29.73	
P405	S405	S404	RCCP	1	3'	12"	714.95	713.95	3.33	0.53	
P406	S406	S405	RCCP	1	24'	12"	715.37	714.89	2.00	3.96	
P407	S409	S404	RCCP	1	104'	15"	715.51	713.95	1.50	33.44	
P408	S408	S409	RCCP	1	3'	12"	715.71	715.61	3.33	0.75	
P409	S407	S408	RCCP	1	24'	12"	716.48	716.00	2.00	3.96	
P410	S410	S409	RCCP	1	106'	15"	717.20	715.81	1.50	32.74	
P411	S411	S410	RCCP	1	3'	12"	717.40	717.30	3.33	0.85	
P412	S412	S411	RCCP	1	24'	12"	718.50	718.02	2.00	3.96	
P413	S413	S410	RCCP	1	96'	12"	718.74	717.30	1.50	31.17	
P414	S414	S415	RCCP	1	3'	12"	718.94	718.84	3.33	0.90	
P415	S413	S414	RCCP	1	24'	12"	720.20	718.22	2.00	4.59	
P416	S501	S415	RCCP	1	96'	12"	720.28	718.84	1.50	28.35	
STA. 34+00.00 TO STA. 40+00.00											
P501	S603	S602	RCCP	1	24'	12"	720.96	720.58	1.58	3.84	