



BILL OF MATERIAL				
ITEM	SIZE	UNIT	QUANTITY	
STORM SEWER (RCCP CLASS III)	TYPE 2 12"	LIN. FT.	3,046	
STORM SEWER (RCCP CLASS III)	TYPE 2 15"	LIN. FT.	68	
STORM SEWER (RCCP CLASS III)	TYPE 2 18"	LIN. FT.	1,400	
STORM SEWER (RCCP CLASS III)	TYPE 2 24"	LIN. FT.	402	
STORM SEWER (RCCP CLASS III)	TYPE 2 30"	LIN. FT.	276	
STORM SEWER (RCCP CLASS III)	TYPE 2 36"	LIN. FT.	254	
STORM SEWER JACKED (RCCP CLASS Y)	TYPE 3 36"	LIN. FT.	180	
STORM SEWER JACKED (RCCP CLASS Y)	TYPE 3 36"	LIN. FT.	48	
ELLIPTICAL STORM SEWER (RCCP CLASS III)	TYPE 2 38"x24"	LIN. FT.	327	
CATCH BASIN	TYPE A 1P	4' DIAM.	EACH	19
CATCH BASIN	TYPE A 1C	4' DIAM.	EACH	48
MANHOLE	TYPE A 1C	4' DIAM.	EACH	14
MANHOLE	TYPE A 1C	5' DIAM.	EACH	12
MANHOLE	TYPE A 1P	4' DIAM.	EACH	3
DOWNSPOUT	TYPE A 1P	6" DIAM.	LIN. FT.	1,290
INLETS	TYPE A 1P	-	EACH	8
REINFORCEMENT BARS	CONP.	LBS.	50	
HEADWALL STD. 1976	-	-	-	
CLASS X CONCRETE HEADWALL STD. 1976	-	CU. YDS.	1.8	
TRENCH BACKFILL	-	CU. YDS.	382.0	
S.W. WALL	PERF. C.H.P.	6" LIN. FT.	218	

NOTE: FOR ITEMS TO BE ADJ. OR RECONSTR. SEE STATE ST. SEWERS SHEET

MANHOLE	T/FRAME ELEV.	INVERT. ELEV.	STATION & BURNHAM	OFFSET	FRAME & GRATE
1 EXIST.	588.73	588.73	217+40.5		ADJ.
2	586.77	581.77	217+46	3'L	A-48-1C
3	590.82	586.52	220+30	21'L	A-48-1C
4	597.53	593.23	222+35	19'L	A-48-1C
5	602.38	598.08	223+82	17'L	A-48-1C
7 EXIST.	586.20	EXIST.	215+28	14'R	ADJ.
6 EXIST.	586.99	EXIST.	226+30		ADJ.
PIER 18	583.70	576.66	239+44	45'R	A-60-1C
9	588.14	582.43	118+51 R.A-B	32'R	A-48-1F
10	588.80	584.80	228+65	41'R	A-48-1C
11	588.80	583.71	228+30	41'R	A-48-1C
12	588.00	583.25	229+16	41'R	A-48-1C
13	590.20	582.86	230+82	41'R	A-48-1C
14	588.50	581.87	232+67	41'R	A-48-1C
15	588.90	581.00	233+36	36'R	A-48-1C
16	588.50	580.53	234+24	36'R	A-60-1C
17	588.10	577.20	235+59	36'R	A-60-1C
18	586.00	576.92	237+57	37'R	A-60-1C
19	586.50	576.86	238+06	34'R	A-60-1C
20	584.00	576.50	240+60	40'R	A-60-1C
21	588.50	582.00	1+73 E.R.	20'L	A-48-1C
22	588.00	582.05	3+07 E.R.	20'L	A-48-1C
23	590.00	583.97	4+50 E.R.	29'L	A-48-1C
24	589.67	585.00	5+95 E.R.	23'L	A-48-1C
25	587.60	582.28	125+75 R.C-D	28'L	A-48-1C
26	587.45	581.92	124+38 R.C-D	28'L	A-48-1C
27	587.30	580.35	123+00 R.C-D	28'L	A-48-1C
28	586.48	578.91	209+85 R.C	1'R	A-48-1P
29	586.50	579.48	10+35 R.B	1'L	A-48-1P
30	587.24	580.30	112+70 R.A-B	28'R	A-48-1C
31	588.21	581.11	119+70 R.A-B	28'R	A-48-1C
32	588.18	582.00	116+78 R.A-B	28'R	A-48-1C
33	589.29	585.00	250+88		RECON.
34	587.15	582.15	262+41		ADJ.

DRAINAGE SCHEDULE BURNHAM AVE.							
CATCH BASIN	T/FRAME ELEV.	INVERT. ELEV.	STATION	OFFSET	FRAME & GRATE	12" SS LATERAL	
1	585.80	584.68	226+85	32'R	A2-48-1C	8'	
2	588.20	584.20	227+54	32'R		8'	
3	588.80	583.79	228+80	32'R		8'	
4	588.00	583.32	229+21	32'R		8'	
5	590.60	582.81	230+14	32'R		8'	
6	590.20	582.48	230+90	25'R		14'	
7	591.40	582.04	231+58	25'R		14'	
8	588.50	581.48	232+67	32'R		8'	
9	588.90	581.10	233+40	25'R		12'	
10	588.50	580.59	234+27	30'R		8'	
11	588.50	579.25	234+79	25'R		10'	
12	588.10	577.32	235+83	25'R		12'	
13	588.50	577.17	236+52	26'R		10'	
14	586.00	577.03	237+57	27'R		10'	
15	586.50	576.96	238+06	24'R		10'	
16	584.00	576.86	238+96	28'R		12'	
17	588.70	576.88	239+54	25'R		22'	
18	588.00	576.58	240+80	32'R		8'	
19	581.50	576.40	241+79	39'R		6'	
20	589.00	585.08	226+80	3'L		38'	
21	588.00	584.64	227+72	8'L		44'	
22	588.90	584.28	228+49	12'L		48'	
23	586.27	583.84	229+42	16'L		52'	
24	590.00	583.37	230+38	20'L		56'	
25	590.50	583.00	231+12	25'L		58'	
26	590.00	582.83	231+81	25'L		56'	
27	589.20	582.02	232+91	25'L		58'	
28	588.00	581.64	233+64	25'L		56'	
29	588.70	581.17	234+49	21'L		54'	
30	588.00	579.99	235+01	25'L		54'	
31	586.90	577.86	235+85	25'L		54'	
32	586.40	577.73	236+76	25'L		58'	
33	583.50	577.55	237+58	25'L		52'	
34	586.00	577.46	238+08	23'L		60'	
35	583.90	577.36	238+96	23'L		60'	
36	584.00	577.38	239+79	28'L		60'	
37	584.40	577.22	240+87	26'L		64'	
67	588.00	583.81	225+40	26'R	A2-48-1C	60'	
38	586.28		215+37	19'R	A2-48-1C	6'	
RAMP "A" & "B"	41	586.50	582.02	10+69 R.B.	1'L	A2-48-1P	78'
RAMP "C" & "D"	42	586.48	581.75	20+95 R.C.	1'R	A2-48-1P	60'
	43	586.17	582.50	217+47	30'R	A2-48-1P	30'
	44	591.07	587.27	220+47	35'L	A2-48-1P	22'
	45	590.92	587.12	220+41	33'R		55'
	46	597.67	593.87	222+46	30'L		16'
	47	597.35	588.66	222+38	28'R		45'
	48	602.62	598.82	223+95	26'L		15'
	49	602.48	598.68	223+89	23'R		40'
	50	586.91	583.21	118+27 R.A-B	37'R		74'
RAMP "A" & "B"	51	588.87	583.51	112+70 R.A-B	17'R		46'
RAMP "C" & "D"	52	587.87	588.54	114+70 R.A-B	17'R		46'
	53	588.83	585.28	116+68 R.A-B	17'R		48'
	54	586.71	582.00	123+00 R.C-D	17'L		46'
	55	586.85	582.35	124+38 R.C-D	17'L		46'
	56	537.00	582.50	125+75 R.C-D	17'L		46'
	57	593.40	608.17	4+50 E.R.	13'L	A2-48-1P	16'
	58	588.00	583.05	3+07 E.R.	9'L	A2-48-1C	11'
	59	588.75	582.65	2+48 E.R.	9'L		11'
EAST	60	588.50	582.12	1+73 E.R.	9'L		11'
	61	588.50	581.59	0+98 E.R.	9'L	A2-48-1C	11'
	62	593.40	588.40	4+50 E.R.	13'R	A2-48-1P	24'
	63	588.00	583.25	3+07 E.R.	10'R	A2-48-1C	19'
	64	588.75	582.83	2+48 E.R.	10'R		19'
RAMP	65	588.50	582.90	1+73 E.R.	10'R		19'
	66	588.50	581.77	0+98 E.R.	10'R	A2-48-1C	19'
	68	589.09	585.10	5+95 E.R.	13'L	A2-48-1P	10'
	69	589.09	585.34	5+95 E.R.	13'R	A2-48-1P	26'

FOR INFORMATION ONLY