

PLAN
 REVISIONS
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 BY
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DRAINAGE STRUCTURE TABLE:

STRUCTURE NO.	DESCRIPTION	STATION	OFFSET	RIM EL.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)
1	INLET, TYPE A, TYPE 24 FRAME AND GRATE	10+40.93	12.00' LT	695.08	-----	-----	690.18	-----
2	MANHOLE, TYPE A, 4' DIA, TYPE 8 FRAME, OPEN LID	10+64.39	20.95' RT	693.50	-----	-----	-----	*
3	INLET, TYPE A, TYPE 8, FRAME AND GRATE	10+90.69	19.46' RT	693.50	-----	691.05	-----	690.90
4	INLET, TYPE B, TYPE 24 FRAME AND GRATE	10+91.04	12.00' RT	694.30	-----	-----	690.87	690.77
5	CATCH BASIN, TYPE A, 4' DIA., TYPE 24 FRAME AND GRATE	10+92.74	12.00' LT	694.29	686.90	689.04	690.52	-----
6	INLET, TYPE A, TYPE 24 FRAME AND GRATE	11+11.30	38.76' RT	692.80	-----	-----	-----	690.80
7	INLET, TYPE B, TYPE 24 FRAME AND GRATE	11+06.96	12.00' RT	694.25	-----	-----	690.67	690.57
8	CATCH BASIN, TYPE A, 4' DIA., TYPE 24 FRAME AND GRATE	11+06.96	12.00' LT	694.25	686.52	686.62	690.32	-----
9	MANHOLE, TYPE A, 4' DIA, TYPE 8 FRAME, OPEN LID	11+25.73	23.47' LT	694.50	686.00	686.10	-----	687.96
10	INLET, TYPE A, TYPE 24 FRAME AND GRATE	11+32.95	38.67' RT	692.56	688.56	-----	-----	-----
11	CATCH BASIN, 7' DIA, SPECIAL FRAME AND GRATE	11+46.30	36.30' RT	691.50	-----	688.50	687.95	686.69
12	CATCH BASIN, TYPE A, 4' DIA., TYPE 24 FRAME AND GRATE	11+91.33	17.31' RT	694.21	688.15	-----	686.50	686.40
13	CATCH BASIN, TYPE A, 4' DIA., TYPE 24 FRAME AND GRATE	11+39.67	12.00' LT	694.45	691.48	-----	686.10	686.00
14	INLET, TYPE A, TYPE 24 FRAME AND GRATE	12+00.00	12.00' RT	695.91	-----	-----	-----	692.00
15	INLET, TYPE B, TYPE 24 FRAME AND GRATE	12+00.00	12.00' LT	695.91	-----	691.78	691.88	-----
16	MANHOLE, TYPE A, 5' DIA, TYPE 8 FRAME, OPEN LID	11+40.99	27.71' LT	693.01	685.60	685.70	685.85	-----
17	MANHOLE, TYPE A, 4' DIA, TYPE 8 FRAME, OPEN LID	11+52.56	30.71' LT	692.01	688.00± (EXIST)	685.12	-----	-----
20	INLET, TYPE A, TYPE 24 FRAME AND GRATE	17+30.00	12.00' LT	694.42	-----	-----	692.42	-----
21	INLET, TYPE B, TYPE 24 FRAME AND GRATE	17+30.00	12.00' RT	694.42	691.72	-----	-----	691.82
22	MANHOLE, TYPE A, 4' DIA., TYPE 24 FRAME AND GRATE	17+82.78	12.00' RT	691.22	688.52	688.62	-----	689.10
23	INLET, TYPE A, TYPE 24 FRAME AND GRATE	17+82.78	12.00' LT	691.22	-----	-----	689.22	-----
24	MANHOLE, TYPE A, 4' DIA., TYPE 8 FRAME AND GRATE	18+92.57	12.93' RT	687.44	-----	683.64	683.54 (EXIST)	683.64

* = MATCH EXISTING - VERIFY ELEVATION IN FIELD PRIOR TO CONSTRUCTION OF STRUCTURES

DRAINAGE PIPE TABLE:

PIPE NO.	STRUCTURE		SIZE	LENGTH (FT)	SLOPE %	TYPE	TRENCH	BACKFILL	CU. YDS.
	FROM	TO							
10	1	2	12"	41	*	SS CLA III, TY2		27	
11	3	4	12"	7	0.43%	SS CLA IV, TY1			
12	4	5	12"	25	1.00%	SS CLA IV, TY1		8	
13	5	8	18"	14	2.14%	SS CLA III, TY2		17	
14	6	7	12"	26	0.50%	SS CLA IV, TY1		6	
15	7	8	12"	24	1.04%	SS CLA IV, TY1		8	
16	8	9	18"	21	2.00%	SS CLA III, TY2			
17	10	11	12"	13	0.46%	SS CLA IV, TY1			
18	12	13	24"	30	1.00%	SS CLA III, TY2		39	
19	14	15	12"	24	0.50%	SS CLA IV, TY1		8	
20	15	13	12"	59	0.51%	SS CLA III, TY2		18	
21	13	16	24"	16	0.94%	SS CLA III, TY2			
22	9	16	18"	15	2.00%	SS CLA III, TY2			
23	16	17	24"	12	4.00%	SS CLA III, TY2			
26	11	12	24"	20	0.95%	SS CLA III, TY2			
27	20	21	12"	25'	0.50%	SS CLA IV, TY1		4	
28	21	22	12"	62'	5.44%	SS CLA IV, TY1		11	
29	23	22	12"	26'	0.50%	SS CLA IV, TY1		4	
30	22	24	12"	104'	4.48%	SS CLA IV, TY1		27	

* = MATCH EXISTING - VERIFY SLOPE IN FIELD PRIOR TO CONSTRUCTION OF STRUCTURES

NOTE:
 ALL DRAINAGE END TREATMENT STRUCTURES ARE LOCATED BY STATION, OFFSET AND INVERT ELEVATION AT END OF PIPE.

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CMT
 CRAWFORD MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO

REVISIONS	
NAME	DATE

CITY OF AURORA
 DRAINAGE STRUCTURE AND PIPE SCHEDULE
 SCALE: 1" = 40'
 DATE: SEPTEMBER 2008
 DRAWN BY: E.D.
 CHECKED BY: P.W.K.