



STRUCTURE SCHEDULE											
STR NO.	STATION	OFFSET	RT/LT	TYPE	F&G	RIM EL.	INV. N	INV. S	INV. E	INV. W	REMARKS
1	STA. 10+42.95	32.88	LT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	FG TY 1 CL	617.90		611.36	611.50	612.70	
19	STA. 10+49.09	40.03	LT	PRECAST CONCRETE FLARED END SECTION, 36"						613.90	
16	STA. 10+67.99	13.00	LT	INLET-MANHOLE, TYPE G-1, 5'-DIAMETER	DIAGONAL	620.52		611.60	616.79	617.72	
7	STA. 10+68.06	13.00	RT	INLETS, TYPE G-1	DIAGONAL	620.52				617.84	
2	STA. 12+71.35	13.00	LT	INLET-MANHOLE, TYPE G-1, 5'-DIAMETER	DIAGONAL	628.09	624.89	622.89	625.29		
8	STA. 12+71.35	13.00	RT	INLETS, TYPE G-1	DIAGONAL	628.09			625.50	625.41	
3	STA. 15+17.80	13.00	LT	INLET-MANHOLE, TYPE G-1, 5'-DIAMETER	DIAGONAL	633.92	627.08	626.98	631.12		
9	STA. 15.17.80	13.00	RT	INLETS, TYPE G-1	DIAGONAL	633.92			631.50	631.24	

PIPE SCHEDULE										
PIPE NO.	U/S - D/S	LENGTH (FT)	SIZE (IN)	CLASS/TYPE	U/S INV	D/S INV	SLOPE	TRENCH BACKFILL (CU YD.)	REMARKS	
1	1-23	16	36	SS CL A 1	611.36	611.20 (EX)	1.00%	16.8		
19	19-1	3	36	SS CL A 1	613.03	612.70	10.30%			
16	16-1	27	21	SS CL A 2	611.60	611.50	0.38%	20.9		
7	7-16	25	12	SS CL A 1	617.84	617.72	0.50%	3.3		
2	2-16	199	21	SS CL A 1	622.89	616.79	3.08%	57.7		
8	8-2	25	12	SS CL A 1	625.41	625.29	0.50%	3.3		
3	3-2	242	21	SS CL A 1	626.98	624.89	0.87%	89.5		
9	9-3	25	12	SS CL A 1	631.24	631.12	0.50%	3.3		
8A	9-3	15	6	DRAIN PIPE	628.00	625.50	16.70%	1.5	CAP UPSTREAM END	
9A	9-3	15	6	DRAIN PIPE	632.50	631.50	6.60%	1.5	CAP UPSTREAM END	



LAFAYETTE AVE.
BARTONVILLE IL.

DRAINAGE
PLAN AND PROFILE
STA. 10+00 TO STA. 16+00

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	PRELIM. DATE
DRAWN	CSA	PROJECT NO.
		BART0001

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