

**Evans Engineering**  
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 Cincinnati, Ohio 45226  
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**Storm Sewer Design Sheet**

Project: Tyler's Place  
 Job No.: 16-139  
 Contact: Jonathan Evans, P.E.

Date: 4/12/2017  
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10 Yr Design Storm n= 0.011

Struc.	Struc. Index	Sta.	Drainage Area				Time		Intensity in/hr	Des Q CFS	Length ft.	Dia. In	Slope%	Vel	Cap. Flowing Full	Status	In	Out	RIM	Remarks
			Trib	Cumul.	C	Cumul CA	Delta t Min.	Sum t Min.												
2	CB	186.80	0.467	0.467	0.900		10.00	10.00	5.45	2.29								876.75		
						0.420					139.74	12	0.970%	5.28	4.15	OK	873.76	873.76		
1	CB	47.06	0.283	0.750	0.900		0.44	10.44	5.45	3.68								875.15		
						0.675					47.06	12	1.000%	5.36	4.21	OK	872.40	872.40		
E1	CB	0.00	0.502	1.252	0.900		0.15	10.59	5.38	6.06								875.25		
						1.127					28.10	24	1.000%	8.51	26.75	OK	871.93	871.93		
5	CB	145.93	0.204	0.204	0.900		10.00	10.00	5.45	1.00								875.75		
						0.184					73.64	12	0.270%	2.79	2.19	OK	873.35	873.35		
4	CB	72.29	0.312	0.516	0.850		0.44	10.44	5.45	2.45								875.65		
						0.449					72.29	12	0.350%	3.17	2.49	OK	873.15	873.15		
3	HW	0.00		0.516	0.900		0.38	10.82	5.38	2.41								N/A		
						0.449					0.00	12	0.500%	3.79	2.98	OK	872.90	872.90		
8	CB	158.13	0.365	0.365	0.900		10.00	10.00	5.45	1.79								876.75		
						0.329					121.46	12	0.410%	3.43	2.70	OK	873.75	873.75		
7	CB	36.67	0.173	0.538	0.900		0.59	10.59	5.38	2.60								876.95		
						0.484					36.67	12	0.950%	5.23	4.11	OK	873.25	873.25		
6	HW	0.00		0.538	0.900		0.12	10.71	5.38	2.60								N/A		
						0.484					0.00	12	0.500%	3.79	2.98	OK	872.90	872.90		
E2	CB	0.00	0.510	0.510	0.900		10.00	10.00	5.45	2.50								876.78		
						0.459					142.00	54	0.940%	14.17	225.44	OK	870.53	870.53		

*needs to include all upstream structures/areas*

*348" from by #3: #8 to E2*

