



PICKETT RAY & SILVER
 333 MID RIVERS MALL DR.
 ST. PETERS, MO 63376
 PHONE 636-397-1211

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COUNTRYSIDE CARPETS AS-BUILTS 1-2-07 HYDRAULIC
 1212 12:47:12 DATA

LINE UP	LINE DOWN	PIPE LENGTH	PIPE SIZE	SLOPE FT/FT	FLOW UP	LINE DOWN	SURFACE UP	SURFACE DOWN	DEPTH	
AREA AC.	P.I.	AREA AC.	P.I.	QUANTITY INCR. CFS	TOTAL CFS	PIPE CAP. CFS	DEPTH FT.			
HYDR. GRADE FT/FT	VEL. FPS	VEL. HEAD FT.	VEL. HEAD CHANGE	FRIC. HEAD FT.	TURN LOSS FT.	HYD. UP	ELEV. DOWN			N
EXMH	EXFE	171	36	.0107	478.74	476.90	486.90	480.03		
		1.77	3.8		6.8	34.6	69.1			6.11
		.0027	4.89	0.37	0.28	0.46	0.00	480.77	480.03	.013
GI1	EXMH	87	36	.0027	479.18	478.94	487.13	486.90		
		0.47	3.8		1.8	10.3	35.0			6.31
		.0002	1.45	0.03	0.01	0.02	0.02	480.82	480.79	.013
GI2	GI1	164	36	.0034	479.87	479.31	489.20	487.13		
		0.20	3.8		0.8	8.5	39.0			8.24
		.0002	1.20	0.02	0.00	0.03	0.00	480.85	480.82	.013
GI3	GI2	152	36	.0029	480.46	480.02	489.26	489.20		
		0.29	3.8		1.1	7.7	35.9			7.61
		.0001	1.09	0.02	0.00	0.02	0.00	481.40	480.96	.013
OS4	GI3	94	36	.0015	480.76	480.62	488.16	489.26		
		1.71	3.8		6.6	6.6	25.7			6.37
		.0001	0.93	0.01	0.01	0.01	0.01	481.79	481.65	.013
GI6	FES5	106	36	.0029	481.98	481.67	487.81	484.55		
		0.98	3.8		3.8	27.4	36.1			1.01
		.0017	3.88	0.23	0.06	0.18	0.00	486.80	486.56	.013
GI7	GI6	94	36	.0015	482.28	482.14	487.61	487.81		
		0.77	3.8		3.0	23.6	25.7			0.65
		.0013	3.34	0.17	0.04	0.12	0.00	486.96	486.80	.013

GI8	GI7	99	36	.0036	482.78	482.42	487.37	487.61	
		0.91	3.8		3.5	20.7	40.2		0.28
		.0010	2.92	0.13	0.04	0.09	0.00	487.09	486.96 .013
GI9	GI8	86	36	.0021	483.10	482.92	487.83	487.37	
		2.16	3.8	2.30	3.8	17.2	17.2	30.6	0.59
		.0007	2.43	0.09	0.09	0.06	0.00	487.24	487.09 .013

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LINE	PIPE	SLOPE	FLOW	LINE	SURFACE					
UP	DOWN	LENGTH	SIZE	FT/FT	UP	DOWN	UP	DOWN		
		AREA	P.I.	AREA	P.I.	QUANTITY	PIPE	DEPTH		
		AC.		AC.		INCR.	TOTAL	CAP.	FLOW	
						CFS	CFS	CFS	FT.	
		HYDR.	VEL.	VEL.	VEL.	FRIC.	TURN	HYD.	ELEV.	N
		GRADE	FPS	HEAD	HEAD	HEAD	LOSS	UP	DOWN	
		FT/FT		FT.	CHANGE	FT.	FT.			
AI13	FES12	107	18	.0127	483.14	481.79	494.64	486.20		
		0.45	3.8		1.7	1.7	11.8			8.04
		.0003	0.98	0.01	0.01	0.03	0.00	486.60	486.56	.013
EXMH4A	EXMH	516	36	.0104	484.09	478.74	492.24	486.90		
		0.00	3.8		0.0	17.5	67.9			7.08
		.0007	2.47	0.09	0.00	0.35	0.07	485.13	480.83	.013
EXMHB	EXMH4A	390	36	.0091	487.80	484.24	493.50	492.24		
		0.00	3.8		0.0	13.1	63.7			2.70
		.0004	1.85	0.05	0.00	0.15	0.00	488.72	485.16	.013
EXOSC	EXMHB	36	36	.0003	487.81	487.80	494.71	493.50		
		3.40	3.8		13.1	13.1	11.1			3.84
		.0004	1.85	0.05	0.05	0.01	0.04	490.87	490.80	.013
EXDCI4B	EXMH4A	25	18	.0604	485.75	484.24	491.92	492.24		
		0.54	3.8		2.1	4.4	25.8			5.75
		.0017	2.48	0.10	0.07	0.04	0.05	486.17	485.18	.013
EXDCI5	EXDCI4B	42	18	.0107	486.40	485.95	491.92	491.92		
		0.60	3.8		2.3	2.3	10.9			5.05
		.0005	1.31	0.03	0.03	0.02	0.01	486.87	486.42	.013