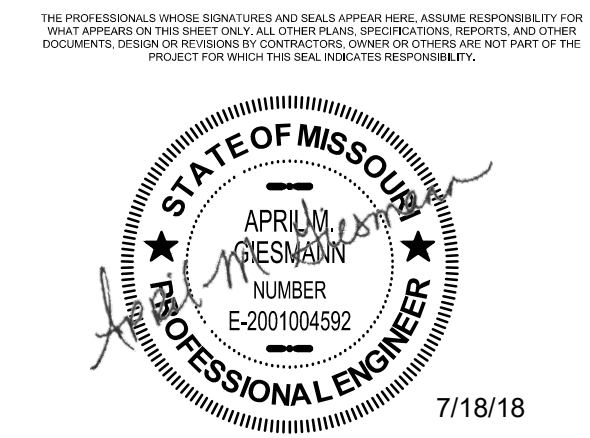


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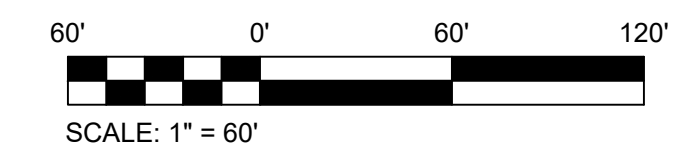


Name: April Geismann  
Discipline: Civil Engineer  
License No. E2001004592  
Expiration Date: 12/31/2019

**STORMWATER RUNOFF CALCULATIONS**  
(15 YEAR/20 MINUTE STORM)

System No.	Structure No.	Impervious Area			Pervious Area			Total Area		Q (cfs)
		(sf)	(Ac)	PI	(sf)	(Ac)	PI	(sf)	(Ac)	
1	1	8992	0.21	3.89	4520	0.10	1.87	13512	0.31	1.00
1	2.1	1362	0.03	3.89	212956	4.89	1.87	214318	4.92	9.26
1	3	1721	0.04	3.89	13680	0.31	1.87	15401	0.35	0.74
1	7	18747	0.43	3.89	3074	0.07	1.87	21821	0.50	1.81
1	8	17833	0.41	3.89	2849	0.07	1.87	20682	0.47	1.71
1	10	7186	0.16	3.89	1653	0.04	1.87	8839	0.20	0.71
1	11	9937	0.23	3.89	2020	0.05	1.87	11957	0.27	0.97
1	13	5406	0.12	3.89	651	0.01	1.87	6057	0.14	0.51
1	14	18238	0.42	3.89	8213	0.19	1.87	26451	0.61	1.98
1	15	19181	0.44	3.89	4362	0.10	1.87	23543	0.54	1.90
1	16	8048	0.18	3.89	1062	0.02	1.87	9110	0.21	0.76
1	17	14100	0.32	3.89	21696	0.50	1.87	35796	0.82	2.19
1	18	1640	0.04	3.89	1559	0.04	1.87	3199	0.07	0.21
2	19	25097	0.58	3.89	21382	0.49	1.87	46479	1.07	3.16
2	23	12541	0.29	3.89	3567	0.08	1.87	16108	0.37	1.27
2	25	1168	0.03	3.89	220	0.01	1.87	1388	0.03	0.11
2	26	6740	0.15	3.89	3465	0.08	1.87	10205	0.23	0.75
2	27	6347	0.15	3.89	12408	0.28	1.87	18755	0.43	1.10
2	28	10067	0.23	3.89	13319	0.31	1.87	23386	0.54	1.47
2	30	23710	0.54	3.89	8300	0.19	1.87	32010	0.73	2.47
2	31	13687	0.31	3.89	3919	0.09	1.87	17606	0.40	1.39
2	32	9143	0.21	3.89	3924	0.09	1.87	13067	0.30	0.98
2	34	17493	0.40	3.89	2181	0.05	1.87	19674	0.45	1.66
2	35	19487	0.45	3.89	4008	0.09	1.87	23495	0.54	1.91
2	36	3695	0.08	3.89	5599	0.13	1.87	9294	0.21	0.57
2	37	15305	0.35	3.89	4929	0.11	1.87	20234	0.46	1.58
2	38	0	0.00	3.89	125862	2.89	1.87	125862	2.89	5.40
2	41	21457	0.49	3.89	28637	0.66	1.87	50094	1.15	3.15
2	43	12498	0.29	3.89	5807	0.13	1.87	18305	0.42	1.37
3	39	18693	0.43	3.89	23950	0.55	1.87	42643	0.98	2.70
3	40	0	0.00	3.89	28408	0.65	1.87	28408	0.65	1.22

**LEGEND**  
--- DRAINAGE AREA LIMITS



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O'FALLON, MO 63366

SHEET TITLE DRAINAGE AREA MAP  
PROJECT NUMBER: 17050  
SHEET NUMBER:

**C12.0**

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