

THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMo

FOR DRAINAGE AREA PURPOSE ONLY/NOT FOR CONSTRUCTION

ISSUE REMARKS/DATE

- 1 INITIAL SUBMITTAL 07-25-2017
- 2 CITY & CLIENT REV. 09-08-17
- 3 CITY REV. 10-16-17
- 4 CITY REV. 10-27-17

Drainage Area	Comments	Total Area (AC)	Total 100% Area (AC)	P.I. Factor	Total 100% Q	Total 5% Area (AC)	P.I. Factor	Total 5% Q	Total Q15	Total Q100	Drains to inlet #
1	2.19 Carryover; Low Point	0.43	0.06	3.85	0.22	0.37	1.87	0.70	0.91	1.27	DCI 7
2		0.11	0.06	3.85	0.25	0.04	1.87	0.08	0.33	0.45	DCI 6
3		0.91	0.00	3.85	0.01	0.91	1.87	1.70	1.71	2.31	Basin 1
4		0.06	0.04	3.85	0.15	0.02	1.87	0.03	0.18	0.24	CI 8
5	0.52 Carryover; 2.19 cfs bypass	0.71	0.43	3.85	1.65	0.28	1.87	0.53	2.17	2.93	CI 9
6		0.45	0.01	3.85	0.04	0.44	1.87	0.82	0.86	1.16	AI 10
7		1.42	0.12	3.85	0.48	1.30	1.87	2.43	2.91	3.92	AI 11
8		0.50	0.07	3.85	0.28	0.43	1.87	0.80	1.08	1.45	AI 12
9		0.25	0.02	3.85	0.08	0.23	1.87	0.43	0.51	0.68	AI 22
10		1.97	0.18	3.85	0.68	1.80	1.87	3.36	4.03	6.29	AI 23
11	0.82 Carryover; Low Point	0.77	0.47	3.85	1.81	0.30	1.87	0.56	2.38	3.71	DCI 20
12	0.03 Carryover; Low Point	0.83	0.52	3.85	1.99	0.31	1.87	0.59	2.58	4.02	DCI 21
13		0.29	0.06	3.85	0.24	0.23	1.87	0.42	0.66	1.03	AI 15
14		0.44	0.09	3.85	0.36	0.34	1.87	0.64	1.00	1.56	AI 16
15	0.82 cfs Bypass	0.65	0.37	3.85	1.43	0.28	1.87	0.52	1.95	3.05	CI 17
16	0.03 cfs Bypass	0.68	0.41	3.85	1.56	0.27	1.87	0.51	2.07	3.23	CI 19
17	Canted Inlet	0.59	0.35	3.85	1.36	0.24	1.87	0.45	1.81	2.82	CI 24
18		0.75	0.12	3.85	0.48	0.63	1.87	1.18	1.65	2.58	AI 25
19		0.30	0.04	3.85	0.16	0.26	1.87	0.49	0.64	1.01	AI 26
20		0.75	0.02	3.85	0.08	0.23	1.87	0.43	0.51	0.80	AI 27
21		0.75	0.06	3.85	0.24	0.70	1.87	1.30	1.54	2.41	AI 28
22		1.06	0.13	3.85	0.52	0.93	1.87	1.74	2.25	3.51	AI 30
23	0.65 Carryover; Canted Inlet	0.70	0.43	3.85	1.67	0.27	1.87	0.50	2.17	3.38	CI 33
24	0.52 cfs Bypass	0.34	0.19	3.85	0.75	0.15	1.87	0.28	1.02	1.60	CI 34
25	0.65 cfs Bypass	0.60	0.37	3.85	1.42	0.24	1.87	0.44	1.86	2.90	CI 31
26		0.39	0.24	3.85	0.94	0.14	1.87	0.26	1.20	1.88	CI 32
27	0.09 cfs Bypass	0.19	0.12	3.85	0.48	0.06	1.87	0.11	0.59	0.93	CI 44
28	0.78 cfs Bypass	0.42	0.25	3.85	0.96	0.17	1.87	0.31	1.28	1.99	CI 43
29		0.39	0.09	3.85	0.36	0.30	1.87	0.55	0.91	1.42	AI 42
30	0.09 Carryover; 1.44 cfs bypass	0.60	0.36	3.85	1.40	0.24	1.87	0.44	1.85	2.88	CI 46
31	0.78 Carryover; 1.91 cfs Bypass	0.55	0.31	3.85	1.18	0.24	1.87	0.45	1.63	2.54	CI 45
32		0.60	0.10	3.85	0.40	0.50	1.87	0.93	1.33	2.07	AI 41
33		1.77	0.00	3.85	0.00	1.77	1.87	3.31	3.31	5.16	DAI 40
34		1.36	0.10	3.85	0.40	1.25	1.87	2.34	2.74	4.28	AI 39
35	1.91 Carryover; Low Point	0.75	0.43	3.85	1.65	0.32	1.87	0.60	2.25	3.51	DCI 38
36	1.44 Carryover; Low Point	0.75	0.49	3.85	1.87	0.26	1.87	0.49	2.37	3.69	DCI 37
37	Flows to Peruque Creek	2.89	0.53	3.85	2.03	2.36	1.87	4.42	6.45	10.05	Sheetflow
38	Flows to Peruque Creek	0.20	0.04	3.85	0.16	0.15	1.87	0.29	0.45	0.70	Sheetflow
39	Basin 3	0.50	0.04	3.85	0.16	0.45	1.87	0.85	1.01	1.57	Basin 2



PROJECT TITLE

**BROOKSIDE FOREST**

OFFALLON, MISSOURI

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PROPOSED DRAINAGE AREA MAP

P+Z No. 02-17.01  
City No.  
Date: Nov. 7, 2017  
Job No. 16-09-274

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