

Drawing Name: V:\220924 Brookside Addition East\Drawings\Engineering\Improvements\2204.MPDwg Plotted on: Aug 30, 2024 - 8:15am Plotted by: bmoeller



INLET CAPACITY TABLE

INLET NUMBER	INLET TYPE	STREET GRADE	INLET CAPACITY (CFS)	Q15 (CFS)	UPSTREAM INLET	Q15 BYPASS FROM UPSTREAM INLET (CFS)	TOTAL Q15 TO INLET (CFS)	Q15 BYPASS (CFS)	Q100 (CFS)	Q100 BYPASS FROM UPSTREAM INLET (CFS)	TOTAL Q100 TO INLET (CFS)	Q100 BYPASS (CFS)
105	CI	LOW	4.00	1.20			1.20	0.00	1.67		1.67	0.00
106	CI	LOW	4.00	0.79			0.79	0.00	1.10		1.10	0.00
63	CI	LOW	4.00	0.45			0.45	0.00	0.64		0.64	0.00
64	DCI	LOW	8.00	1.35			1.35	0.00	1.89		1.89	0.00
112	CI	LOW	4.00	0.95			0.95	0.00	1.33	0.07	1.40	0.00
115	CI	LOW	4.00	2.35			2.35	0.00	3.28		3.28	0.00
113	CI	2.0%	1.93	1.44			1.44	0.00	2.00		2.00	0.07
114	CI	2.0%	1.93	1.30			1.30	0.00	1.81		1.81	0.00

Drainage Area	Comments	Total Area (AC)	Impervious %	P.I. Factor	Total Q15	Total Q100	Drains to inlet #
1		4.59	100%	3.54	16.24	22.58	Proposed Lake
2		3.40	45%	2.48	8.43	11.72	Sheet flow to Proposed Lake
3		0.48	45%	2.48	1.20	1.67	
4		0.32	45%	2.48	0.79	1.10	
5		0.61	45%	2.48	1.51	2.10	
6		0.40	45%	2.48	0.98	1.37	
7		0.57	45%	2.48	1.42	1.98	
8	DA 21 From Approved Brookside Addition Plan	0.18	45%	2.48	0.46	0.64	
9	DA 22 From Approved Brookside Addition Plan	0.55	45%	2.48	1.36	1.89	
10	Modified DA 26 & 26.2 from Approved Brookside Addition Plan	1.74	45%	2.48	4.32	6.00	
11	Modified DA 27 & 27.2 from Approved Brookside Addition Plan	1.75	45%	2.48	4.34	6.03	
12		0.39	45%	2.48	0.96	1.33	
13	Modified DA 24 from Approved Brookside Addition Plan	0.58	45%	2.48	1.44	2.01	
14	Modified DA 23 from Approved Brookside Addition Plan	0.52	45%	2.48	1.30	1.81	
15		0.95	45%	2.48	2.36	3.28	
16		1.62	45%	2.48	4.02	5.59	Sheet flow to Peruque Creek

ISSUE	DATE	REMARKS
1	1-19-2024	Initial Submittal
2	8-01-2024	City Comment Revisions
3	6-21-2024	City Comment Revisions
4	7-30-2024	City Comment Revisions
5	8-30-2024	City Comment Revisions

PROJECT TITLE
BROOKSIDE
ADDITION
PHASE 4
OFFALLON, MISSOURI

THE **STERLING** CO.
ENGINEERS & SURVEYORS
5055 New Baumgartner Road
St. Louis, Missouri 63129
Ph 314-487-0440 Fax 314-487-8944
www.sterling-eng-survey.com
Corporate Certificate of Authority #001348

Date: 8/30/2024
RODNEY ARNOLD
LICENSE # PE-2002016612
Professional Engineer

Lombardo Homes of St. Louis, LLC
4 Research Park Drive, Suite 130
St. Charles, Missouri 63304
Ph. (636) 265-2710
Fax (636) 695-3195
www.lombardohomesstlouis.com

P+Z No. 23-010457
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