



Existing Drainage Area Runoff Calculations								
Drainage Area	Structure Project ID	Total Area		Impervious Area		Grass Area		15 Yr - 20 Min Runoff Q (cfs)
		Sq. Ft.	Acres	Sq. Ft.	Acres	Sq. Ft.	Acres	
A1	EXCI7	28812	0.66	12404	0.28	16408	0.38	1.65
A2	EXAI6	47888	1.10	18300	0.42	29588	0.68	2.64
A3	EXCI2	40892	0.94	19388	0.45	21504	0.49	2.41
A4	EXCI1	132226	3.04	63806	1.46	68420	1.57	7.86
A5	EXAI3	37925	0.87	6333	0.15	31592	0.73	1.75
A6	EXCI4	114395	2.63	42629	0.98	71766	1.65	6.27
A7	EXCI5	363799	8.35	210783	4.84	153016	3.51	23.10
TOTAL		765937	17.58	373643	8.58	392294	9.01	45.67



NAME: SARAH E. VANHOOSER
 DISCIPLINE: ENGINEER
 LICENSE NO.: PE-2021030310
 EXPIRATION DATE: 12-31-2027
 DATE PREPARED: 12/16/2025
 ROUTE: STATE MO
 DISTRICT: SHEET NO. 6
 COUNTY: ST. LOUIS
 JOB NO.:
 CONTRACT ID.:
 PROJECT NO.:
 PROP. S-2026
 BRIDGE NO.:

DATE	DESCRIPTION



HORNER SHIFRIN
 THE POWER HOUSE AT UNION STATION
 401 S. 18th St., Ste. 400
 ST. LOUIS, MO 63103-2296
 314-531-4321 FAX: 314-531-6966
 www.HornerShifrin.com
 Certificate of Authority: 000159
 Expiration Date: December 31, 2026

ALEXANDRA AVENUE
 EXIST. DRAINAGE MAP
 SHEET 1 OF 1

25MSD-00443
 BASE MAP: 22M



