

PREMIER PROJECT NUMBER: 2207920 EX DRAINAGE AREA RUNOFF TABLE

I.D.	IMPERVIOUS AREA (AC.)	PERVIOUS AREA (AC.)	TOTAL AREA (AC.)	15 YEAR 20 MIN STORM EVENT (cfs)	100 YEAR 20 MIN STORM EVENT (cfs)
AREA A	12.57	3.14	15.71	49.84	67.15
AREA B	0.00	10.44	10.44	17.75	23.91
AREA C	0.18	0.93	1.11	2.22	2.99
AREA D	3.61	0.00	3.61	12.78	17.22
AREA E	0.12	0.00	0.12	0.42	0.57
AREA F	0.09	0.00	0.09	0.32	0.43
AREA G	0.52	0.52	1.04	2.72	3.67
AREA H	0.46	0.58	1.04	2.61	3.52
AREA I	0.00	0.29	0.29	0.49	0.66
AREA J	0.00	11.78	11.78	20.03	26.98
EX SITE	0.00	23.65	23.65	40.21	54.16



**OWNER**  
 CITY OF OFFALLON  
 100 NORTH MAIN STREET  
 OFFALLON, MO 63366  
 636.379.5590

**PROJECT TEAM**  
 CIVIL ENGINEER  
 PREMIER DESIGN GROUP  
 100 MIDLAND PARK DRIVE  
 WENTZVILLE, MO 63385  
 314.925.7444

MAINTENANCE CONSULTANT  
 HDR ENGINEERING, INC.  
 17725 KATY FREEWAY SUITE 102  
 HOUSTON, TX 77044  
 813.360.2700

STRUCTURAL ENGINEER  
 METTEMAYER ENGINEERING  
 2225 W CHESTERFIELD BLVD., SUITE 300  
 SPRINGFIELD, MO 65807  
 417.890.8002

MEP ENGINEER  
 HENDERSON ENGINEERS, INC.  
 8345 LENEXA DR., #300  
 LENEXA, KS 66214  
 913.742.5000

**REVISIONS**

NO.	DESCRIPTION	DATE
1	ADDENDUM #01	10/5/2023

PROJECT NO.: 2207920 DRAWN BY: A. JONES  
 DATE: 9-15-2023 REVIEWED BY: M. FOGARTY

**PROFESSIONAL SEAL**



**ENGINEERS AUTHENTICATION**  
 The responsibility for professional engineering liability on this project is hereby assumed by the civil engineer authorized by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans prepared in this project and specified releases.

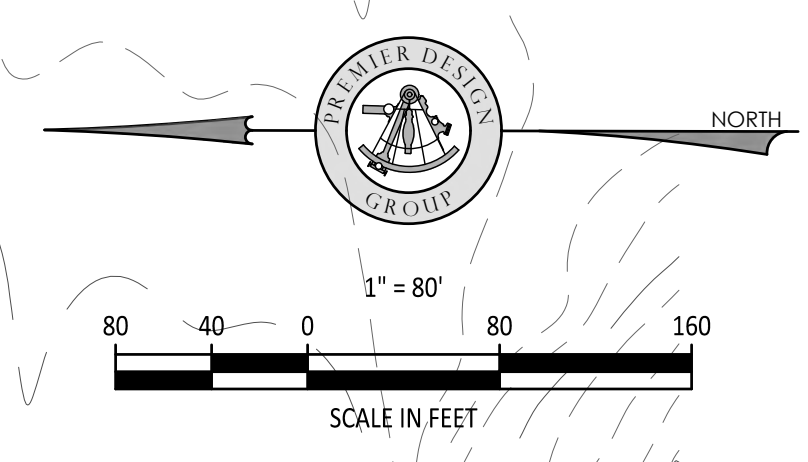
**PROJECT TITLE**  
 OFFALLON PUBLIC WORKS FACILITY

**PROJECT ADDRESS:**  
 1101 OLD E TERRA LANE  
 OFFALLON, MO 63366

**PRE DEVELOPED DRAINAGE AREA MAP**

**C-900**

PERMIT SET



THIS PLAN IS FOR DRAINAGE PURPOSES ONLY. DO NOT USE THIS PLAN FOR CONSTRUCTION!

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