

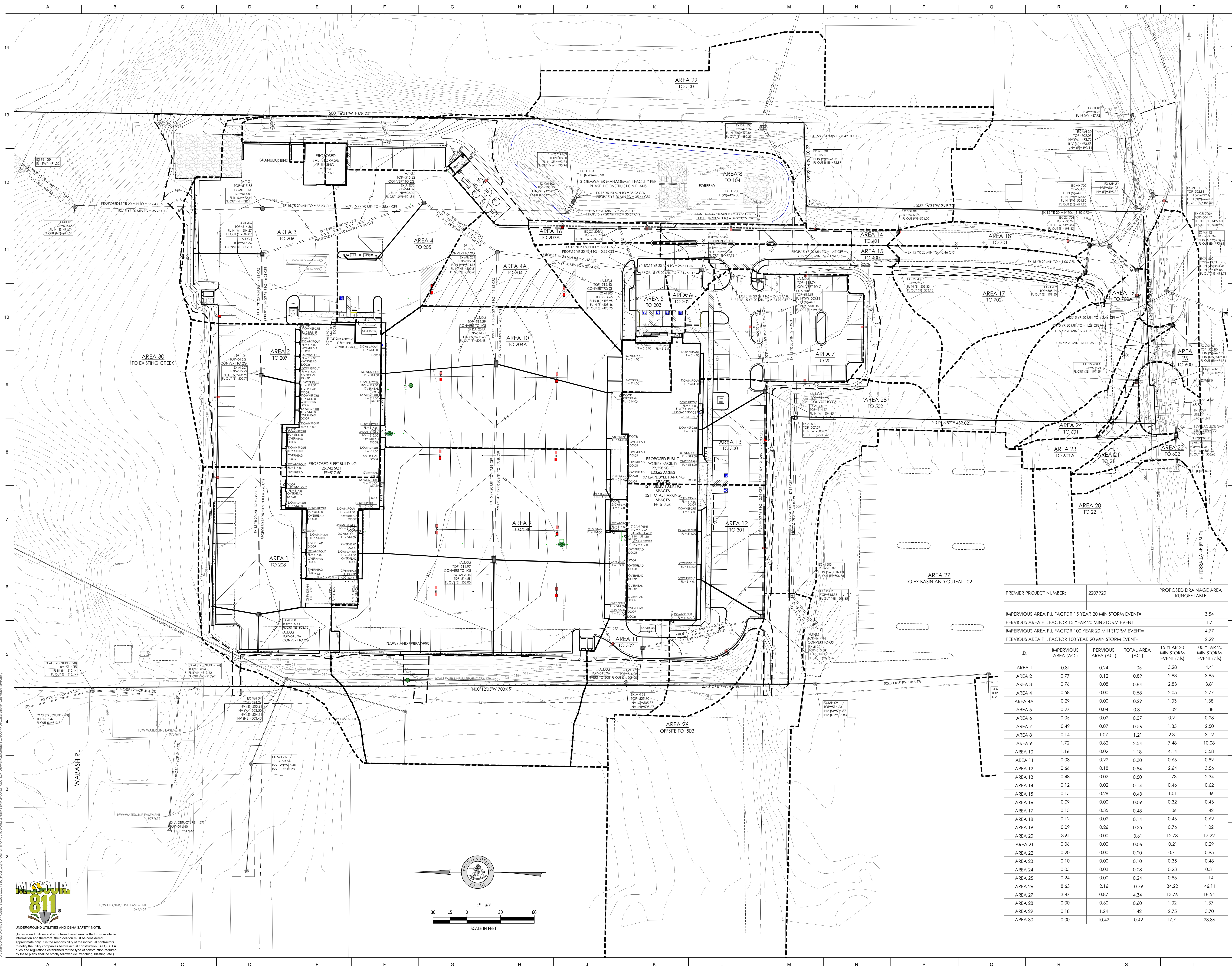
**OWNER**  
CITY OF O'FALLON  
100 NORTH MAIN STREET  
O'FALLON, MO 63366  
636.379.5590

**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 77064  
816.902.2700

**STRUCTURAL ENGINEER**  
METTEMEYER ENGINEERING  
2225 W CHESTERFIELD BLVD., SUITE 300  
SPRINGFIELD, MO 65807  
417.891.8002

**MFP ENGINEER**  
HENDERSON ENGINEERS, INC.  
8345 LENEAXA DR., #300  
LENEAXA, KS 66214  
913.742.5000



**REVISIONS**

NO.	DESCRIPTION	DATE

PREMIER PROJECT NUMBER: 2207920

PROPOSED 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 1	0.81	0.24	1.05	3.28	4.41
AREA 2	0.77	0.12	0.89	2.93	3.95
AREA 3	0.76	0.08	0.84	2.83	3.81
AREA 4	0.58	0.00	0.58	2.05	2.77
AREA 4A	0.29	0.00	0.29	1.03	1.38
AREA 5	0.27	0.04	0.31	1.02	1.38
AREA 6	0.05	0.02	0.07	0.21	0.28
AREA 7	0.49	0.07	0.56	1.85	2.50
AREA 8	0.14	1.07	1.21	2.31	3.12
AREA 9	1.72	0.82	2.54	7.48	10.08
AREA 10	1.16	0.02	1.18	4.14	5.58
AREA 11	0.08	0.22	0.30	0.66	0.89
AREA 12	0.66	0.18	0.84	2.64	3.56
AREA 13	0.48	0.02	0.50	1.73	2.34
AREA 14	0.12	0.02	0.14	0.46	0.62
AREA 15	0.15	0.28	0.43	1.01	1.36
AREA 16	0.09	0.00	0.09	0.32	0.43
AREA 17	0.13	0.35	0.48	1.06	1.42
AREA 18	0.12	0.02	0.14	0.46	0.62
AREA 19	0.09	0.26	0.35	0.76	1.02
AREA 20	3.61	0.00	3.61	12.78	17.22
AREA 21	0.06	0.00	0.06	0.21	0.29
AREA 22	0.20	0.00	0.20	0.71	0.95
AREA 23	0.10	0.00	0.10	0.35	0.48
AREA 24	0.05	0.03	0.08	0.23	0.31
AREA 25	0.24	0.00	0.24	0.85	1.14
AREA 26	8.63	2.16	10.79	34.22	46.11
AREA 27	3.47	0.87	4.34	13.76	18.54
AREA 28	0.00	0.60	0.60	1.02	1.37
AREA 29	0.18	1.24	1.42	2.75	3.70
AREA 30	0.00	10.42	10.42	17.71	23.86

PROJECT NO: 2207920 DRAWN BY: A. JONES  
DATE: 02/02/2024 REVIEWED BY: M. FOGARTY

**PROFESSIONAL SEAL**



**PROJECT TITLE**  
O'FALLON PUBLIC WORKS FACILITY

**PROJECT ADDRESS:**  
1101 OLD E TERRA LANE  
O'FALLON, MO 63366

**POST DEVELOPED DRAINAGE AREA MAP**

**C-800**

**MISSOURI 811**  
UNDERGROUND UTILITIES AND OSHA SAFETY NOTE:  
Underground utilities and structures have been plotted from available information and therefore, their location must be considered approximate only. It is the responsibility of the individual contractors to notify the utility companies before actual construction. All O.S.H.A. rules and regulations established for the type of construction required by these plans shall be strictly followed (ie trenching, shoring, etc.)

