

**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  
815.960.2700

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

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

**REVISIONS**

| NO. | DESCRIPTION   | DATE      |
|-----|---------------|-----------|
| 1   | CITY COMMENTS | 3/26/2024 |
| 2   | CITY COMMENTS | 4/11/2024 |

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

**PROFESSIONAL SEAL**



**ENGINEER AUTHENTICATION**  
The responsibility for performance engineering liability on this project is hereby assigned to the set of plans authorized by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans rendered in this project and specifically excludes revision sheets.

STEVEN D. MARSTON, P.E.  
PROFESSIONAL ENGINEER  
P.E. 000007195

**PROJECT TITLE**  
OFFALLON PUBLIC WORKS FACILITY

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

**UTILITY PLAN - SOUTH**

**C-401**

NOT RELEASED FOR CONSTRUCTION

MATCHLINE REFER TO SHEET C-402

PROPOSED PUBLIC WORKS FACILITY  
29,228 SQ FT  
23.65 ACRES  
197 EMPLOYEE PARKING SPACES  
124 PUBLIC PARKING SPACES  
321 TOTAL PARKING SPACES  
FH=517.50

**UTILITY PLAN SCHEDULE**

CODE DESCRIPTION

- U-101 PROPOSED 4" FIRE SERVICE LINE. REFER TO MEP PLANS
- U-102 PROPOSED WATER TAP INTO EXISTING MAIN PER CITY OF OFFALLON SPECIFICATIONS. CLARIFY BY CONTRACTOR UNDER SUPERVISION BY THE CITY.
- U-103 PROPOSED FIRE HYDRANT ASSEMBLY WITH VALVE
- U-104 PROPOSED TRAFFIC RATED GREASE/OIL SEPARATOR CAPACITY 1000 GPM
- U-105 PROPOSED LAND DISTURBANCE LIMITS
- U-106 PROPOSED CLEANOUT
- U-107 PROPOSED DOWNSPOUT REFER TO ARCHITECTURAL PLANS FOR CONNECTION DETAIL
- U-108 PROPOSED 3" WATER LINE PER CITY OF OFFALLON WATER SPECIFICATIONS
- U-109 PROPOSED 8" PE AWWA C906 DR 13.5 WATER MAIN PER CITY OF OFFALLON STANDARDS
- U-110 PROPOSED TRANSFORMER PAD WITH PIPE BOLLARDS SHALL BE INSTALLED PER AMEREN UE - ELECTRIC SPECIFICATIONS
- U-111 PROPOSED 4" GAS LINE. SHALL BE INSTALLED PER SPIRE SPECIFICATIONS.
- U-112 PROPOSED 2" COMMERCIAL WATER METER PER CITY OF OFFALLON WATER SPECIFICATIONS
- U-113 FIRE DEPARTMENT CONNECTION. REFER TO MEP PLANS
- U-114 PROPOSED UNDER CANOPY LIGHTING. REFER TO ELECTRICAL PLANS FOR FIXTURE TYPE AND SPECIFICATIONS.
- U-115 PROPOSED 4" DETECTOR CHECK PER CITY OF OFFALLON WATER SPECIFICATIONS
- U-116 PROPOSED 4" DETECTOR CHECK IN TRAFFIC RATED MANHOLE OR EQUIVALENT PER CITY OF OFFALLON WATER SPECIFICATIONS
- U-117 PROPOSED LIGHT STANDARD. REFER TO ELECTRICAL PLANS FOR LIGHTING SPECIFICATIONS AND STRUCTURAL PLANS FOR POLE BASE.
- U-118 PROPOSED 2" COMMERCIAL WATER METER IN TRAFFIC RATED MANHOLE OR EQUIVALENT PER CITY OF OFFALLON WATER SPECIFICATIONS

- U-119 PROPOSED 4" CONDUITS PER AMEREN UE - ELECTRIC SPECIFICATIONS. CONTRACTOR SHALL INCLUDE COST OF INSTALLATION PER AMEREN UE - ELECTRIC REQUIREMENTS. C.C. SHALL CONFIRM NUMBER OF CONDUITS FOR TRENCH PRIOR TO BID AND CONSTRUCTION.
- U-120 PROPOSED 2" WATER LINE PER CITY OF OFFALLON WATER SPECIFICATIONS
- U-121 PROPOSED 3" TALL INDUSTRIAL GRADE CORD REEL STATION. REFER TO ELECTRICAL SITE DETAILS FOR INFORMATION.
- U-122 PROPOSED 2" CONDUIT FOR FIBER
- U-123 PROPOSED 1" CONDUIT FOR WIRELESS ACCESS POINT CABLING
- U-124 PROPOSED CONDUITS. ONE 2" CONDUIT FOR TELEPHONE AND TWO 2" CONDUITS FOR CABLE TO BE PLACED IN SAME RUN. CONTRACTOR TO COORDINATE WITH BRIGHTSPEED ON REQUIREMENTS AND STANDARDS.
- U-125 PROPOSED PLANTER BOX DRAINS. REFER TO ARCHITECTURAL AND MEP PLANS FOR DETAILS
- U-126 PROPOSED 1" CONDUIT FOR FIBER
- U-127 PROPOSED 3" VENT PIPING FOR OIL/GREASE SEPARATOR



**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, blasting, etc.).

