I HEREBY CERTIFY THAT DRAWINGS AND/OR SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE DRAWINGS AND/OR SPECIFICATIONS ARE AS REQUIRED BY AND IN COMPLIANCE WITH BUILDING CODES OF THE UNIVERSITY OF MISSOURI.

SIGNATURE: Riley D. Johnson Digitally signed by Riley D. Johnson Date: 2024.03.08 14:39:58 -06'00'

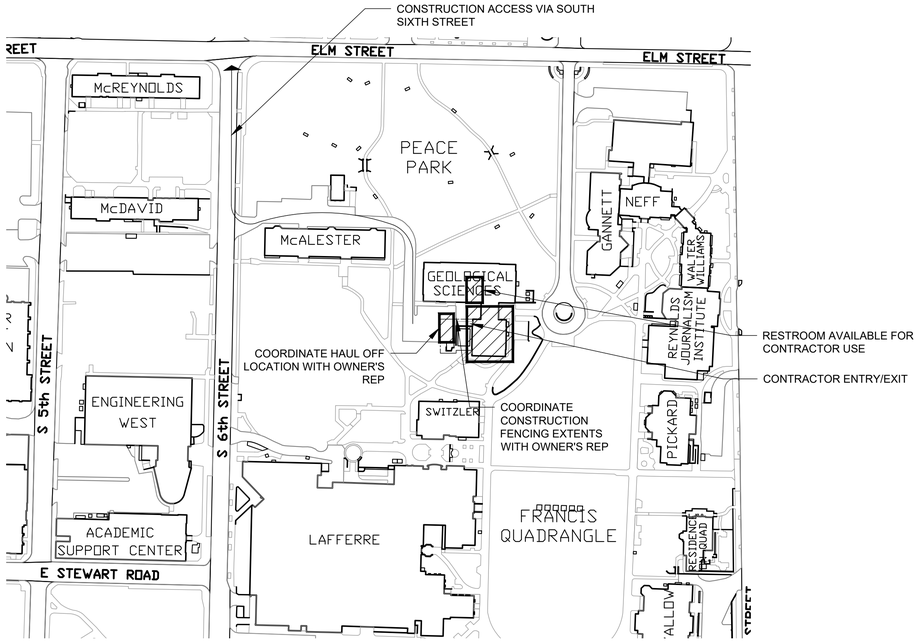
STATE OF MISSOURI Riley D. Johnson NUMBER PE-2023002646 REGISTERED PROFESSIONAL ENGINEER

# GEOLOGICAL SCIENCES
# SERVICE ENTRANCE REPLACEMENT
# PROJECT NUMBER: CP241351

AT: UNIVERSITY OF MISSOURI - COLUMBIA, MISSOURI
FOR: THE CURATORS OF THE UNIVERSITY OF MISSOURI

## INDEX OF DRAWINGS

| SHEET NUMBER | SHEET TITLE | 03/12/2024 ISSUED FOR CONSTRUCTION | REVISION DESCRIPTION 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|
| G001 | COVER: DRAWING INDEX AND PROJECT NOTES | Δ | | | | | | |
| E101 | ELECTRICAL PLANS AND DETAILS | Δ | | | | | | |
| E601 | ELECTRICAL PANEL SCHEDULES | Δ | | | | | | |
| E701 | ELECTRICAL RISER/ONE-LINE DIAGRAMS | Δ | | | | | | |




## SITE PLAN & CONSTRUCTION ACCESS

SCALE: 1" = 80'-0"

## DESIGN CONSULTANTS:

### ARCHITECTURAL, MECHANICAL & ELECTRICAL

DESIGN SERVICES
GENERAL SERVICES BUILDING
900 E STADIUM BLVD
COLUMBIA, MO 65211
573-882-6800

### OWNER'S REPRESENTATIVE

CONSTRUCTION MANAGEMENT
GENERAL SERVICES BUILDING
900 E STADIUM BLVD
COLUMBIA, MO 65211

## CODES & STANDARDS

UM CONSULTANT PROCEDURES AND DESIGN GUIDELINES: CURRENT EDITION

| | | | |
|---|---|---|---|
| IBC: | 2021 | NFPA 45: | 2019 |
| IEBC: | 2021 | NFPA 70E: | 2021 |
| IMC: | 2021 | NFPA 72: | 2019 |
| IPC: | 2021 | NFPA 90A: | 2018 |
| IFC: | 2021 | NFPA 96: | 2017 |
| IFGC | 2021 | NFPA 110: | 2019 |
| NEC: | 2020 | NFPA 150: | 2019 |
| NFPA 13: | 2019 | ASHRAE 62.1: | 2019 |
| NFPA 14: | 2019 | ASHRAE 90.1: | 2019 |
| NFPA 20: | 2019 | ASME A17.1: | 2016 |
| | | ICC A117.1: | 2017 |

## PROJECT NOTES:

1. ANY OPERATION WHERE HIGH LEVELS OF NOISE ARE EXPECTED ON THE CONSTRUCTION SITE SHALL BE COORDINATED AND APPROVED WITH THE OWNER'S REPRESENTATIVE AT LEAST 48 HOURS PRIOR TO THE WORK BEING INITIATED.
2. DISCONNECTION OR INTERRUPTION OF ANY BUILDING SYSTEMS OR SERVICES MUST BE COORDINATED WITH OWNER'S REPRESENTATIVE AT LEAST 72 HOURS PRIOR TO WORK BEING PERFORMED. CONTRACTOR'S WORK SHALL BE CONTINUOUS UNTIL UTILITY IS RESTORED.
3. AREAS NOT UNDER CONSTRUCTION SHALL BE MAINTAINED FOR PUBLIC ACCESS AND CIRCULATION. CONTRACTOR SHALL PROVIDE TEMPORARY LIGHTS AND MAINTAIN TEMPERATURE AND HUMIDITY CONTROL WITHIN THE WORK AREA DURING THE CONSTRUCTION OF THE PROJECT AS DIRECTED BY OWNER'S REPRESENTATIVE AND AS REQUIRED FOR THE SAFETY AND SECURITY OF THE PUBLIC.
4. CONTRACTOR SHALL MAINTAIN AND KEEP ALL EXISTING MEANS OF EGRESS BARRIER-FREE.
5. CONTRACTOR SHALL MAINTAIN AND PROTECT THE EXISTING CONDITIONS IN THE WORK AREA UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL TAKE PHOTOGRAPHS OF INTERIOR AND EXTERIOR AREAS DOCUMENTING EXISTING CONDITIONS BEFORE PROCEEDING WITH THE WORK. ANY DAMAGE DONE TO EXISTING CONDITIONS DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE WITHOUT ADDITIONAL COST TO THE OWNER.
6. EVERY DIMENSION THAT IS DIRECTLY OR INDIRECTLY RELATED TO EXISTING CONDITIONS OR CONSTRUCTION SHALL BE CAREFULLY MEASURED AND COORDINATED WITH ADJACENT CONDITIONS. CONTRACTOR SHALL REPORT DISCREPANCIES EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS TO THE OWNER'S REPRESENTATIVE AND/OR ARCHITECT PRIOR TO BEGINNING THE WORK.
7. CONTRACTOR SHALL CONTAIN ALL CONSTRUCTION ACTIVITY, INCLUDING STORAGE OF MATERIAL AND EQUIPMENT, WITHIN THE CONSTRUCTION LIMITS.
8. CONTRACTOR SHALL PROVIDE TEMPORARY DIRECTIONAL SIGNAGE AS WELL AS CONSTRUCTION SIGNAGE NOTIFYING THE PUBLIC OF CONSTRUCTION LIMITS, AS NEEDED.
9. CONTRACTOR SHALL SECURE AND PROTECT THE WORK AREA AT THE END OF EACH DAY.
10. CONTRACTOR SHALL MAKE ALLOWANCES FOR AMPLE EXPANSION AND CONTRACTION FOR ELECTRICAL, STRUCTURAL, AND OTHER BUILDING COMPONENTS SUBJECT TO SUCH MOVEMENT, INSTALL SLEEVES, RECESSES AND OPENINGS IN THE WORK TO RECEIVE MATERIALS INSTALLED BY OTHER TRADES.
11. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS, METHODS AND SEQUENCES OF CONSTRUCTION AND THE SAFETY OF CONSTRUCTION PERSONNEL AND AUTHORIZED VISITORS.

## LANDSCAPE NOTES:

1. VEHICLES ARE TO USE DESIGNATED CONSTRUCTION ENTRANCES AS INDICATED ON DRAWINGS OR CONSTRUCTION DOCUMENTS. IF NO CONSTRUCTION ROUTE IS INDICATED CONSULT WITH OWNER'S REPRESENTATIVE. ALL CONSTRUCTION EQUIPMENT AND OR VEHICLES SHALL VERIFY THE WEIGHT LIMIT AND RESTRICTION ON PAVEMENT PRIOR TO CONSTRUCTION AND NOTIFY OWNER'S REPRESENTATIVE OF THE PLANNED ROUTE.
2. THERE SHALL BE NO VEHICLE MOVEMENT IN ANY LANDSCAPED, SHRUB OR PERENNIAL AREAS, MULCH BED AND/OR TREE CANOPY DRIP AND ROOT ZONES WITHOUT PRIOR NOTIFICATION AND APPROVAL FROM LANDSCAPE SERVICES. LANDSCAPE SERVICES REQUIRES ONE WEEK NOTICE PRIOR TO ANY VEHICLE MOVEMENT IN THESE AREAS.
3. WHERE ACCESS TO BUILDING REQUIRES CROSSING TURF, MULCH AREAS, TREE ROOT SYSTEMS, TREE CANOPY ZONES, OR IRRIGATION SYSTEMS, THE CONTRACTOR SHALL USE ALTURNAMATS BY DICA OR APPROVED EQUAL.
4. VEHICLE ACCESS SHALL NOT BREAK OR RUB TREE BRANCHES. OWNER WILL PRUNE TREE BRANCHES TO PROVIDE CLEARANCE AROUND BUILDING ENTRANCE. OWNER REQUIRES ONE WEEK'S NOTICE FOR THIS WORK TO BE DONE.
5. DO NOT COMPACT GRADE WITHIN THE DRIP LINE OF TREES. PROVIDE APPROVED FENCING TO PREVENT DRIVING OR EQUIPMENT PARKING WITHIN DRIP LINE OF TREES, PRIOR TO CONSTRUCTION OR WORK IN THE PROJECT AREA. MU'S CAMPUS STANDARD 6' CHAIN LINK FENCE AND POSTS SHALL BE USED UNLESS OTHERWISE NOTED AND/OR APPROVED BY LANDSCAPE SERVICES.

## ASBESTOS WARNING & UNIVERSAL WASTE:

* NONE OF THE EXISTING MATERIALS WITHIN THE SCOPE OF THIS PROJECT ARE ANTICIPATED TO BE POSITIVE FOR THE PRESENCE OF ASBESTOS.

THE ITEMS LISTED BELOW MAY BECOME HAZARDOUS WASTES AS A RESULT OF THIS PROJECT. THEY REMAIN PROPERTY OF THE UNIVERSITY OF MISSOURI AND SHALL NOT BE DISPOSED BY THE CONTRACTOR. THE CONTRACTOR SHALL PLACE THESE ITEMS INTO CONTAINERS PROVIDED BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL ENSURE COLLECTED ITEMS ARE STORED SECURELY AND OUT OF THE ELEMENTS WHILE THEY ARE AWAITING PICK UP. PRIOR TO REMOVING OR OTHERWISE DISTURBING THE ITEMS LISTED BELOW, THE CONTRACTOR SHALL REQUEST AND OBTAIN THE APPROPRIATE CONTAINERS FROM THE OWNER'S REPRESENTATIVE. THE CONTRACTOR IS NOT PERMITTED TO MIX TWO DIFFERENT WASTE MATERIALS IN A SINGLE CONTAINER. IF THERE ARE QUESTIONS ABOUT ANY OF THESE ITEMS, CONTACT THE OWNER'S REPRESENTATIVE FOR DIRECTION.

03/12/24 ISSUED FOR CONSTRUCTION

DRAWN BY: JDR CHECKED BY: RDJ

CAMPUS FACILITIES
Planning, Design, & Construction
Design Services
UNIVERSITY OF MISSOURI

GEOLOGICAL SCIENCES
COLUMBIA, BOONE COUNTY, MISSOURI 65211
ELECTRICAL SERVICE PANEL REPLACEMENT
COVER SHEET

PROJECT NUMBER
CP241351

SHEET
G001