

Replace Rooftop HVAC & Refurbish Emergency Generator

Missouri Lottery Headquarters Building

Jefferson City, Missouri

SIEBENECK ENGINEERING LLC
8115 DEER HAVEN COURT
JEFFERSON CITY, MO 65101
(573) 353-7115
siebengineer@gmail.com
Missouri State Certificate of Authority
#E-2016021605

OWNER: STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR

DEPARTMENT OF REVENUE,
STATE LOTTERY COMMISSION

DESIGNER: SIEBENECK ENGINEERING

PROJECT NUMBER: N2001-01

PROJECT
MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION

SITE NUMBER: 8611
ASSET NUMBER: 8611951002

SHEET NUMBER:

G-001

1 OF 13 SHEETS
June 5, 2020

GENERAL DEMOLITION NOTES

- COORDINATE WITH EXISTING SYSTEMS WHICH SHALL REMAIN IN OPERATION DURING DEMOLITION AND CONSTRUCTION PHASES. INSTALL TEMPORARY CAPS AT TERMINATION POINTS OF EXISTING DUCTWORK TO REMAIN DURING DEMOLITION PHASES.
- COVER ALL OPENINGS INTO THE BUILDING FROM THE WORK AREA. INSURE DEBRIS IS REMOVED FROM THE CONSTRUCTION AND DEMOLITION AREA AND AIR BORN DEBRIS IS NOT ALLOWED TO TRAVEL TO THE REMAINDER OF THE BUILDING. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLISHED MATERIAL.

GENERAL CONSTRUCTION NOTES

- FABRICATION, INSTALLATION AND TESTING OF ALL SYSTEMS SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE, NATIONAL ELECTRIC CODE, ALL STATE AND LOCAL CODES, AND ALL MANUFACTURER INSTALLATION GUIDELINES. CODE SHALL BE THE LATEST ADOPTED BY THE AUTHORITY HAVING JURISDICTION.
- PROVIDE A MINIMUM OF 48 HOURS NOTICE TO THE OWNER FOR WORK THAT WILL TAKE PLACE IN OCCUPIED SPACES OR BEFORE ANY DISRUPTION OF UTILITIES. REFERENCE SECTION 011000 FOR WORK SEQUENCE REQUIREMENTS.
- ALL METALLIC AND FLEXIBLE DUCTS SHALL BE CONSTRUCTED AND INSTALLED AS SPECIFIED IN THE IMC AND SMACNA HVAC DUCT CONSTRUCTION STANDARDS.
- DUCT HAS BEEN DESIGNED TO FIT IN THE SPACE AVAILABLE AND TO AVOID CONFLICTS. CONTRACTOR SHALL FIELD VERIFY FOR ANY UNFORESEEN CONFLICTS PRIOR TO FABRICATING DUCT. CONTRACTOR SHALL COORDINATE WITH OTHER DISCIPLINES TO ENSURE ADEQUATE SPACE IS AVAILABLE FOR DUCT. IF DUCT IS ROUTED ABOVE OTHER DUCT, COORDINATE ELEVATION OF EACH DUCT PRIOR TO INSTALLATION TO ENSURE IT WILL FIT IN THE SPACE AVAILABLE. DESIGN INSULATION THICKNESS IS 1.5 INCH.
- TEST ALL EQUIPMENT FOR PROPER OPERATION. PROVIDE OPERATION MANUALS AND AS-BUILT DRAWINGS TO OWNER WITHIN 45 DAYS OF SYSTEM ACCEPTANCE.
- CERTIFIED TESTING, ADJUSTING, AND BALANCING CONTRACTOR SHALL TEST AND BALANCE ALL SYSTEMS TO SPECIFIED VALUES AND PREPARE A BALANCE REPORT. REPORT SHALL BE SENT TO THE ENGINEER FOR APPROVAL PRIOR TO FINAL COMPLETION. BALANCE DAMPERS ARE REQUIRED ON ALL SUPPLY AIR DEVICES. IF DEVICE DOES NOT HAVE DAMPER MOUNTED IN NECK PER DEVICE SCHEDULE. PROVIDE DAMPER BD-1 AT BRANCH TAKE-OFF IN ACCESSIBLE LOCATION. REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR A MINIMUM OF ONE YEAR FROM FINAL ACCEPTANCE UNLESS OTHERWISE STATED IN CONSTRUCTION SPECIFICATIONS.
- ROOF IS CURRENTLY UNDER WARRANTY. COORDINATE WITH ROOF MANUFACTURER TO ENSURE ROOF WARRANTY REMAINS IN EFFECT.
- IF ANY MECHANICAL EQUIPMENT SPECIFIED IN THE DRAWINGS IS SUBSTITUTED BY THE CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE EQUIPMENT'S ELECTRICAL PROTECTION PER THE MANUFACTURER'S NAMEPLATE.

FIRE SAFETY CONSTRUCTION NOTES

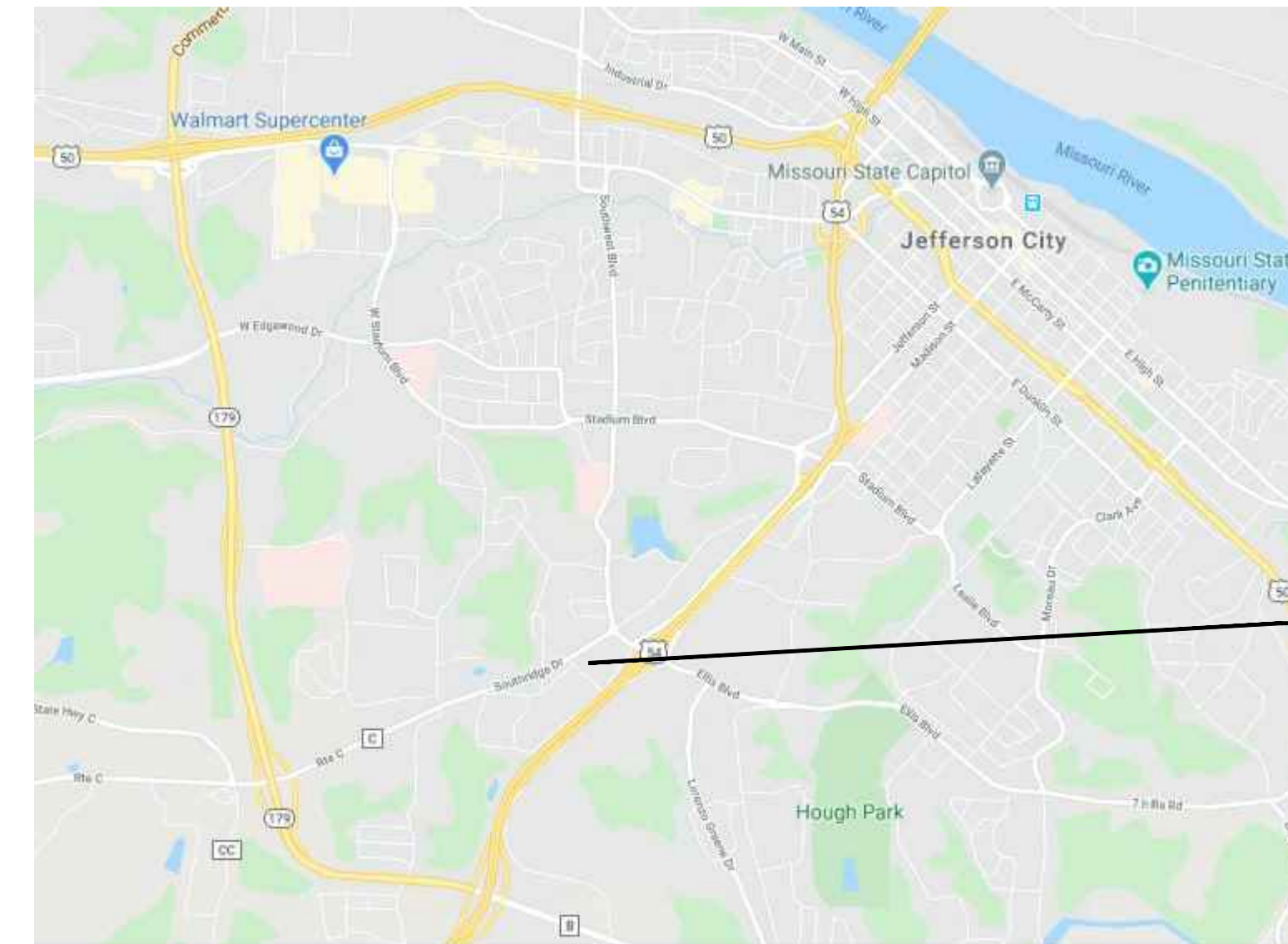
- GENERAL: FIRE SAFETY DURING CONSTRUCTION SHALL COMPLY WITH OSHA 1910.252, OSHA 1926.352, AND NFPA 51B.
- FIRE WATCH: MAINTAIN FIRE WATCH WHEN REQUIRED BY THE BUILDING OFFICIAL AND PER OSHA 1910.252(A)(2)(II) AND WHEN FIRE PROTECTION SYSTEMS ARE SHUTDOWN FOR ALTERATIONS. FIRE WATCH SHALL REMAIN IN EFFECT UNTIL ALL WELDING OR CUTTING IS COMPLETED. FIRE WATCH SHALL ALSO REMAIN IN EFFECT UNTIL EXISTING FIRE PROTECTION SYSTEMS ARE RETURNED TO SERVICE AND AS ALLOWED BY THE BUILDING OFFICIAL.
- GUARDS: GUARDS SHALL BE USED PER OSHA 1910.252(A)(1)(II) DURING ALL WELDING AND CUTTING.
- FIRE WATCHERS SHALL HAVE FIRE EXTINGUISHING EQUIPMENT READILY AVAILABLE AND BE TRAINED IN IT'S USE AND SHALL FULLY COMPLY WITH OSHA 1910.252(A)(2)(III)(B).

BASIS OF DESIGN

2015 INTERNATIONAL MECHANICAL CODE
2014 NATIONAL ELECTRICAL CODE

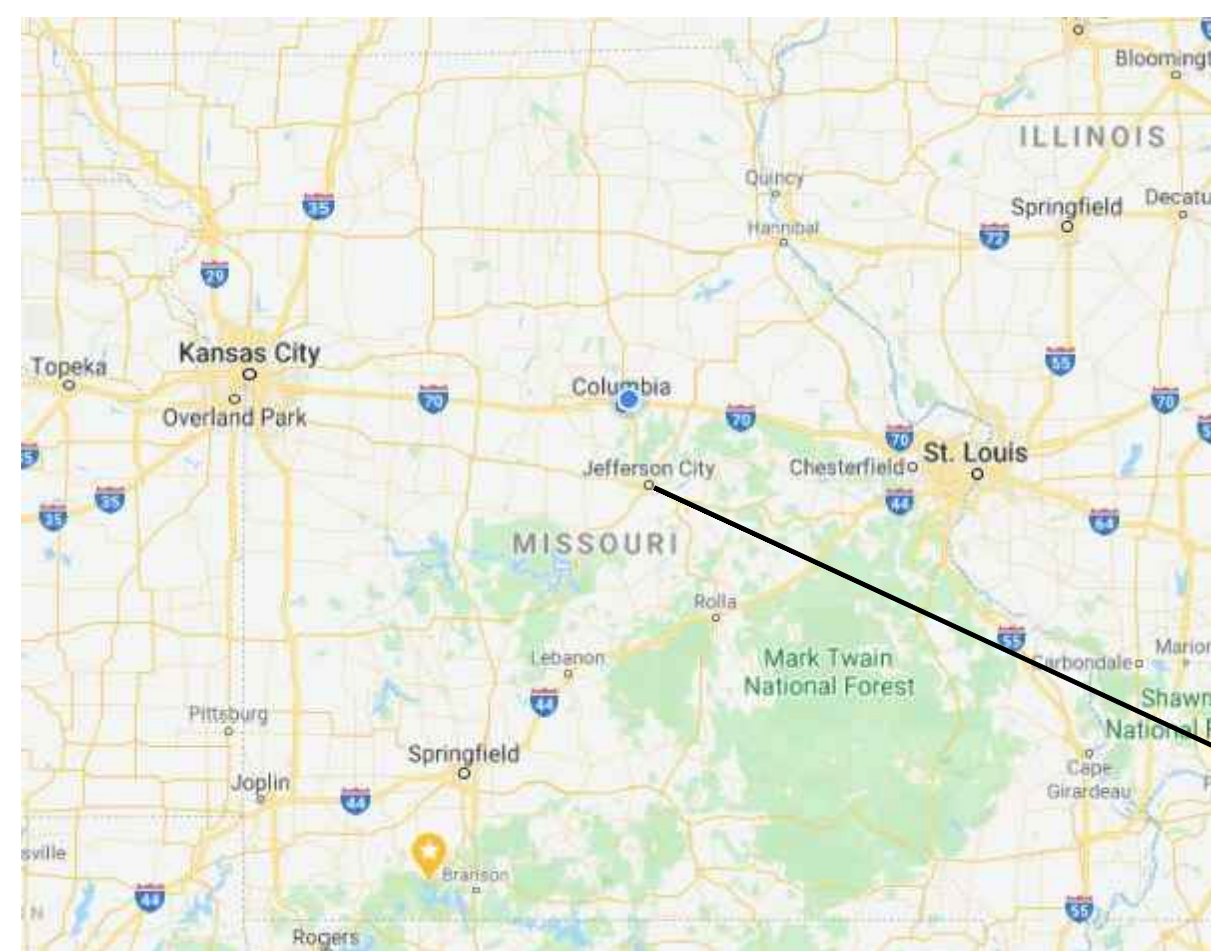
SHEET INDEX

- | | | |
|----|-------|---|
| 1 | G-001 | COVER SHEET |
| 2 | G-002 | GENERAL NOTES AND DRAWING INDEX |
| 3 | S-101 | ROOF FRAME AT RTU-10 |
| 4 | M-101 | MECHANICAL HVAC DEMOLITION PLAN |
| 5 | M-102 | MECHANICAL HVAC EAST ROOF DEMOLITION PLAN |
| 6 | M-103 | MECHANICAL HVAC CONSTRUCTION PLAN |
| 7 | M-104 | MECHANICAL HVAC EAST ROOF CONSTRUCTION PLAN |
| 8 | M-501 | MECHANICAL CONTROLS AND SEQUENCE OF OPERATION |
| 9 | M-601 | MECHANICAL SCHEDULES AND DETAILS |
| 10 | E-101 | ELECTRICAL POWER PLAN |
| 11 | E-102 | ELECTRICAL EAST ROOF DEMOLITION PLAN |
| 12 | E-103 | ELECTRICAL EAST ROOF CONSTRUCTION PLAN |
| 13 | E-601 | ELECTRICAL PANEL SCHEDULES |



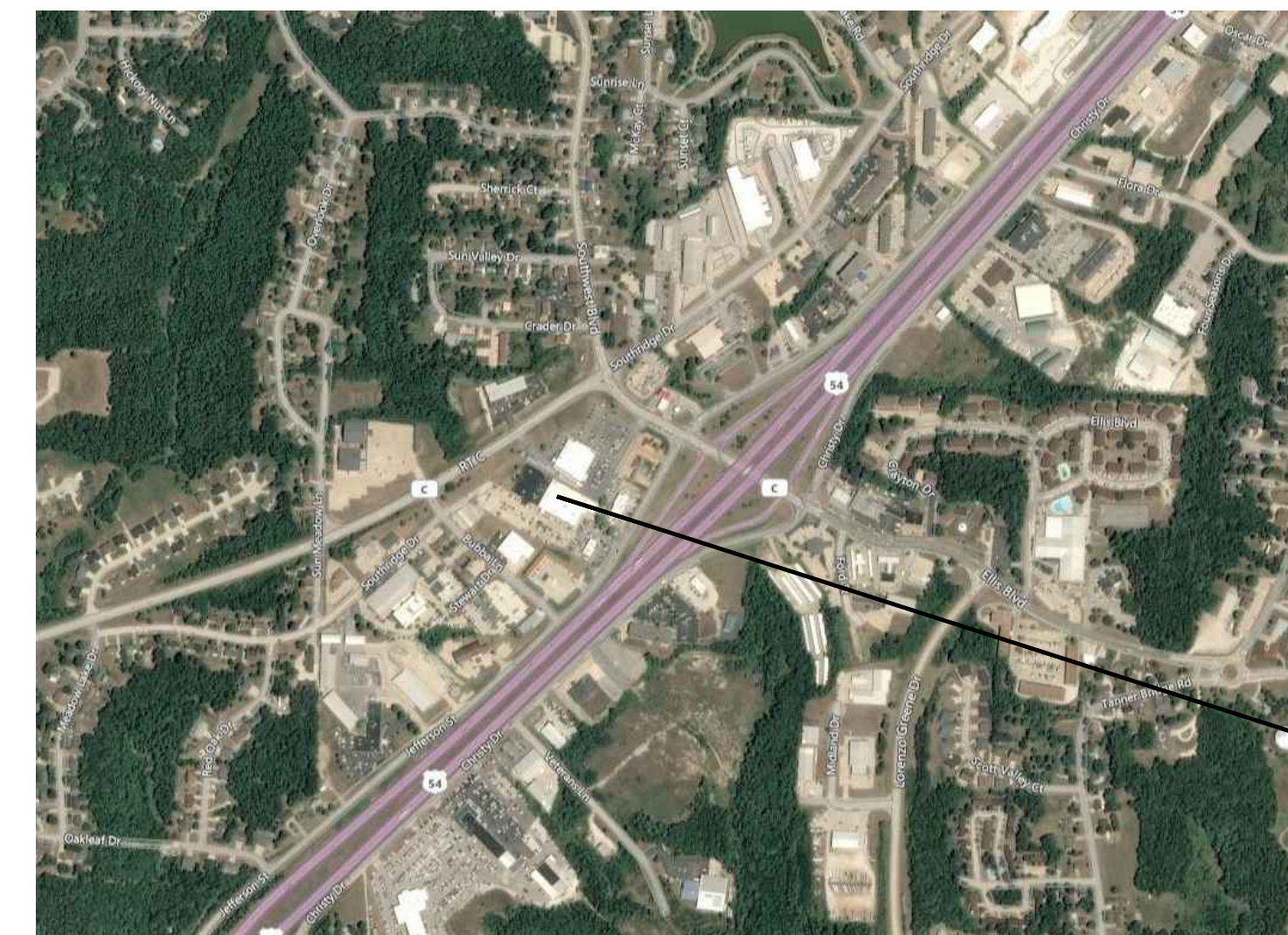
MISSOURI
LOTTERY
HEADQUARTERS

2 VICINITY MAP
SCALE: NONE



JEFFERSON CITY,
MISSOURI

1 STATE OF MISSOURI PROJECT SITE LOCATION MAP
SCALE: NONE



MISSOURI
LOTTERY
HEADQUARTERS

3 BUILDING LOCATION MAP
NO SCALE

STATE OF MISSOURI
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REPLACE ROOFTOP
HVAC & REFURBISH
EMERGENCY
GENERATOR
MISSOURI LOTTERY
HEADQUARTERS
BUILDING
1823 SOUTHRIDGE DR.
JEFFERSON CITY, MO

PROJECT # N2001-01
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REVISION: _____
DATE: _____
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DATE: _____
ISSUE DATE: 06/05/2020

CAD DWG FILE: MLH-G.dwg
DRAWN BY: TJS/MDS
CHECKED BY: TJS
DESIGNED BY: TJS

SHEET TITLE:
**GENERAL NOTES
AND DRAWING
INDEX**

SHEET NUMBER:

G-002

2 OF 13 SHEETS
06/05/2020