PROJECT NO: T1906-01
SITE NO: 6264
ASSET NO: 8136264001

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

OWNER: STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR
DEPARTMENT OF PUBLIC SAFETY
MISSOURI NATIONAL GUARD
OFFICE OF ADJUTANT GENERAL

DESIGNERS:
ARCHITECTS: ELLISON-AUXIER ARCHITECTS, INC.
924 FRANCIS
ST. JOSEPH, MO 64501
ENGINEER: HENDERSON ENGINEERS, INC.
1617 WALNUT STREET
KANSAS CITY, MO 64108

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR
DEPARTMENT OF PUBLIC SAFETY
MISSOURI NATIONAL GUARD
OFFICE OF ADJUTANT GENERAL

LOCATION MAP:

CODE INFORMATION:
INTERNATIONAL BUILDING CODE (IBC) 2009
INTERNATIONAL PLUMBING CODE (IPC) 2009
INTERNATIONAL MECHANICAL CODE (IMC) 2009
INTERNATIONAL FIRE CODE (IFC) 2009
INTERNATIONAL EXISTING BUILDING CODE (IEBC) 2009
NATIONAL ELECTRIC CODE (NEC) 2008
CONSTRUCTION TYPE: 2B
USE GROUP: B (BUSINESS) & A-2 (ASSEMBLY)

SHEET NUMBER
G-001
DEC. 9, 2019
1 INSTALL 1/4" GYP. BD. ON WALL ABOVE BLOCK.
2 INFILL EXISTING OPENING WITH 8" CMU, 1 1/2" RIGID INSULATION AND BRICK TO MATCH EXISTING.
3 INFILL EXISTING OPENING WITH GYP. BD. AND MTL. STUD TO MATCH EXISTING.
4 INSTALL NEW COVER PLATE.
5 PAINT RAILING AND EXPOSED METAL OF STAIRS.
6 PAINT COLUMNS.
7 ENCLOSE EXISTING CONDUITS.
8 INSTALL FROSTED FILM ON WINDOW.
9 INSTALL 7/8" HAT CHANNELS AND 5/8" GYP. BD. ON ALL EXISTING WALLS FROM FLOOR TO CEILING OR 6" ABOVE.
1. INSTALL 1/4" GYP. BD. ON WALL ABOVE BLOCK.
2. INFILL EXISTING OPENING WITH 8" CMU, 1 1/2" RIGID INSULATION AND BRICK TO MATCH EXISTING.
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**DOOR FRAME TYPE ELEVATIONS**

**DOOR TYPE ELEVATIONS**
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**WALL TYPES**

1. **7/8" HAT CHANNELS w/ GYP.**
2. **1 1/2" = 1'**

**STATE OF MISSOURI OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION MISSOURI NATIONAL GUARD**

**PROJECT #: T1906-01**

**SITE #: 6264**

**ASSET #: 6156240001**

**REVISION: DEC. 9, 2019**

**CAD DWG FILE: T1906-01-6264-A-602**

**SHEET TITLE: FINISH SCHEDULE AND DETAILS**

**SHEET NUMBER: A-602**

**SCALE:** 1" = 1' 0"
1. INSTALL 1/4" GYP. BD. ON CEILING.
2. INSTALL NEW 2X2 ACOUST. CEILING TILE IN EXISTING GRID.
3. INSTALL NEW CEILING GRID.
4. PREP & PAINT EXISTING CEILING.
5. INFILL EXISTING SKYLIGHT OPENING. SEE SKYLIGHT DETAIL #2 & 3, SHEET A-702.
6. INFILL EXISTING DOWNSPOUT OPENING WITH 5/8" EXT. GRADE PLYWD.
7. PREP AND PAINT SOFFIT, PATCH ALL HOLES IN SOFFIT.
8. PATCH CEILING AND PAINT.

NOTES:
1. WHERE NEW GYP IS PROVIDED, REMOVE AND REINSTALL EXISTING FIXTURES AND DEVICES AS REQUIRED.
2. IN ROOMS 139 & 140, PATCH CEILING TILE WITH SIMILAR UNIT, PRIME WITH SEALER - STAIN BLOCKER AND PAINT ENTIRE CEILING.
1. Where new GYP is provided, remove and reinstall existing fixtures and devices as required.
2. In Rooms 139 & 140, patch ceiling tile with similar unit, prime with SEALER - STAIN BLOCKER & paint entire ceiling.
GENERAL NOTES:

1. CLEAN ALL WALLS
2. SALVAGE ALL DOOR HARDWARE TO BE REUSED PER DOOR
3. PREP FLOOR FOR NEW FLOORING (RE: FINISH SCHEDULE)
4. REMOVE ALL RUBBER BASE WHERE FLOORING IS REMOVED.
5. SEE MEP TO COORDINATE SCOPE

EXISTING WALL TO REMAIN
EXISTING WALL TO BE REMOVED
EXISTING DOOR TO REMAIN
EXISTING DOOR TO BE REMOVED
EXISTING WINDOW TO REMAIN
EXISTING WINDOW TO BE REMOVED
EXISTING WINDOW TO BE RE GLAZED

EXISTING NOTES:

1. REMOVE BULKHEAD
2. REMOVE TRIM AND CAULKING. PATCH WALL TO MATCH EXISTING
3. REMOVE BRACKET ON CEILING
4. REMOVE CEILING TILE
5. REMOVE CEILING GRID
6. REMOVE FLOORING
7. REMOVE WALL TILE
8. REMOVE GYP. BD. ON WALLS & CEILING
9. REMOVE TOILET PARTIONS AND ACCESSORIES
10. REMOVE PLUMBING FIXTURES. (RE: MECHANICAL)
11. REMOVE PLATE ON FLOOR
12. REMOVE STAIR TREADS & LANDING FINISH
13. REMOVE AC UNIT
14. REMOVE LOUVER
15. REMOVE CARPET ON WALLS
16. REMOVE HEATING CABINET - PATCH & REPAIR AS NEEDED.
17. REMOVE WOOD PANELING
18. REMOVE DOOR PANELS AND HARDWARE.  PATCH AND PAINT REMAINING FRAME
19. REMOVE SHOWERS, CASEWORK AND SINKS
LEVEL 2 DEMOLITION PLAN

1. CLEAN ALL WALLS
2. SALVAGE ALL DOOR HARDWARE TO BE REUSED PER DOOR SCHEDULE
3. PREP FLOOR FOR NEW FLOORING (RE: FINISH SCHEDULE)
4. REMOVE ALL RUBBER BASE WHERE FLOORING IS REMOVED.
5. SEE MEP TO COORDINATE SCOPE

GENERAL NOTES:
1. CLIENT TO PROVIDE ALL DRAWINGS, PRODUCTS, FixTURES AND HARDWARE TO BE REMOVED PER DRAWINGS.
2. REMOVE ALL INTERIOR MULLIONS, TRIM AND FASCIA, FROM MULLIONS.
3. REMOVE ALL INTERIOR MULLIONS, TRIM AND FASCIA, FROM MULLIONS.
4. REMOVE TOILET PARTITIONS AND ACCESSORIES
5. REMOVE PLUMBING FIXTURES. (RE: MECHANICAL)
6. REMOVE PLATE ON FLOOR
7. REMOVE STAIR TREADS & LANDING FINISH
8. REMOVE AC UNIT
9. REMOVE LOUVER
10. REMOVE CARPET ON WALLS
11. REMOVE HEATING CABINET
12. REMOVE WOOD PANELING
13. REMOVE DOOR PANELS AND HARDWARE. PATCH AND PAINT REMAINING FRAME
14. REMOVE SHOWERS, CASEWORK AND SINKS

DEMOLITION LEGEND
- NO WORK
- EXISTING WALL TO BE REMOVED
- EXISTING WALL TO MATCH EXISTING
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING WINDOW TO REMAIN
- EXISTING WINDOW TO BE REPLACE

EXISTING WINDOW TO BE RE GLAZED

SCALE: 1/8" = 1'
FIRE PROTECTION GENERAL NOTES:

1. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND OTHER DRAWINGS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT, ENGINEER AND/OR OWNER OF CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.

2. SYSTEM DESIGN, INSTALLATION AND MATERIALS SHALL BE IN ACCORDANCE WITH APPLICABLE NFPA STANDARDS. SYSTEM SHALL ALSO MEET ALL APPLICABLE BUILDING CODES, FIRE CODES AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND INSURANCE CARRIER. VERIFY REQUIREMENTS PRIOR TO BID SUBMITTAL.

3. INFORMATION ON CONTRACT DOCUMENTS IS GENERAL INFORMATION AND FOR BID PURPOSES ONLY. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE FINAL SYSTEM DESIGN AND LAYOUT OF ALL COMPONENTS, COORDINATION WITH ALL OTHER TRADES, AND SYSTEM CALCULATIONS REQUIRED FOR APPROVAL BY THE AUTHORITY HAVING JURISDICTION, ENGINEER, AND OWNER'S INSURER.

4. THE CONTRACTOR SHALL FOLLOW THE ENGINEER OF RECORD'S SYSTEM DESIGN AND LAYOUT OF ALL COMPONENTS EXCEPT WHERE MODIFICATION TO THE DESIGN IS NECESSARY. MODIFICATIONS SHALL BE REFLECTED IN THE CONTRACTOR'S SHOP DRAWINGS AND CALCULATIONS.

5. DEVIATIONS FROM ENGINEER'S DESIGN WILL NOT BE CONSIDERED UNLESS A FORMALLY SUBMITTED RFI IS RECEIVED AND APPROVED.

6. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT AND LABOR REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM AS INDICATED IN THE DRAWINGS AND SPECIFICATIONS.

7. WHERE EXISTING SYSTEMS ARE PRESENT, CONTRACTOR SHALL MODIFY, RELOCATE AND/OR PROVIDE ADDITIONAL EQUIPMENT AS REQUIRED FOR SCOPE OF WORK AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. COORDINATE WITH WALLS, CEILINGS, LIGHTS, DIFFUSERS, STRUCTURE, OBSTRUCTIONS, ETC. IN AREAS AFFECTED BY SCOPE OF WORK. NEW EQUIPMENT SHALL BE COMPATIBLE WITH EXISTING SYSTEMS. CONTRACTOR SHALL REMOVE ALL ABANDONED EQUIPMENT, COORDINATE SYSTEM MODIFICATIONS TO MINIMIZE SYSTEM IMPAIRMENT, AND PROVIDE FIRE WATCH AND/OR INTERIM FIRE PROTECTION MEASURES WHERE REQUIRED BY THE AUTHORITY HAVING JURISDICTION, INSURANCE CARRIER OR OWNER.

8. PROVIDE ADDITIONAL MATERIALS AND LABOR REQUIRED DUE TO LACK OF COORDINATION OR TO MEET AUTHORITY HAVING JURISDICTION AND INSURANCE CARRIER REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.

9. FORWARD COMPLETED CERTIFICATE OF COMPLETION AND CONTRACTOR MATERIAL TEST CERTIFICATES TO THE OWNER.

10. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

FIRE ALARM SEQUENCE OF OPERATION

1. FIRE ALARM SEQUENCE OF OPERATION - ADDRESSABLE SYSTEM (NON-VOLTMARK)

2. FIRE ALARM SEQUENCE OF OPERATION - NON-ADDRESSABLE SYSTEM (NON-VOLTMARK)
4. Electric Water Heater and Pump

3. Condensate Drain Installation

1. Pipe Hanger Detail

2. Above Ground Exterior Wall Penetration Detail

5. Small Expansion Tank

6. Multiple Indoor Instantaneous Gas Water Heater Connections with Concentric Vent
1. Replace existing air device with new air device per air devices schedule. Transition for connection to existing duct if necessary. Field verify size and location prior to ordering new air devices. Prior to demolition, measure and record existing airflows for affected diffusers and grilles. Rebalance new air device’s airflow to match existing air device’s airflow.

2. 4" outside air duct routed to factory provided intake on wall with integral backdraft damper. Provide transition as required to match indoor unit connection size. Maintain minimum of 10'-0" clearance from all exhaust/flue ducts on roof.

3. Route refrigerant piping from exterior condensing unit to interior evaporator unit. Size and route piping per manufacturer’s recommendations.

4. New ceiling mounted cassette in office. Install per manufacturer recommendations.

5. New condensing unit located on ground, mounted on concrete pad. Field coordinate with existing site and other equipment on ground for final watertight through exterior wall and to condensing unit.

6. Replace existing wall mounted exhaust fan and intake louver with new licensed scheduled equipment. Replace existing exhaust louver. New fans shall be controlled by thermostats shown on this plan. Set thermostats to 80°F.

7. Replace existing intake louver. Interlock new intake louver to open if either exhaust fan is activated to prevent negative pressurization of space. Replacing heater of similar size. Install new heater in accordance with the manufacturer's installation instructions. Field verify existing size and capacity prior to ordering.

8. Existing supply air diffuser to remain. Clean diffuser thoroughly and re-direct turning blades to throw air down into the room.

9. New roof mounted exhaust fan. Route exhaust duct up from space and transition to fan on roof as required. Fan to mount on existing roof curb. Provide curb adapter, sealed watertight, from existing curb to new roof.

10. Cap existing roof penetration watertight. See sheet M201 for additional.

11. Remove existing natural gas-fired unit heater and prepare for connection to new unit heater of similar size. Install new unit heater in accordance with the manufacturer's installation instructions. Field verify existing size and capacity prior to ordering.

12. Remove existing electric baseboard heater and prepare for connection to new heater of similar size. Install new heater in accordance with the manufacturer's installation instructions. Field verify existing size and capacity prior to ordering.


14. Provide carbon monoxide sensor in mechanical room at location shown. Mount new wall mounted AC-3 secured to wall per manufacturer's instructions. Route new outdoor air duct to factory provided wall louver mounted. Contractor to cut existing wall as required for installation of new louver and duct connecting AC-1 to louver.
1. REPLACE EXISTING AIR DEVICE WITH NEW AIR DEVICE PER AIR DEVICES SCHEDULE. TRANSITION FOR CONNECTION TO EXISTING DUCT IF NECESSARY. FIELD VERIFY SIZE AND LOCATION PRIOR TO ORDERING NEW AIR DEVICES. PRIOR TO DEMOLITION, MEASURE AND RECORD EXISTING AIRFLOWS FOR AFFECTED DIFFUSERS AND GRILLES. REBALANCE NEW AIR DEVICE'S AIRFLOW TO MATCH EXISTING AIR DEVICE'S AIRFLOW.

2. REMOVE EXISTING WALL MOUNTED HYDRONIC RADIATOR AND PREPARE FOR CONNECTION TO NEW RADIATOR OF SIMILAR SIZE. INSTALL NEW RADIATOR IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. FIELD VERIFY EXISTING SIZE AND CAPACITY PRIOR TO ORDERING.

3. REMOVE EXISTING HYDRONIC CABINET UNIT HEATER AND PREPARE FOR CONNECTION TO NEW HEATER OF SIMILAR SIZE. INSTALL NEW HEATER IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. FIELD VERIFY EXISTING SIZE AND CAPACITY PRIOR TO ORDERING.

4. REMOVE EXISTING HYDRONIC UNIT HEATER AND PREPARE FOR CONNECTION TO NEW UNIT HEATER OF SIMILAR SIZE. INSTALL NEW UNIT HEATER IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. FIELD VERIFY EXISTING SIZE AND CAPACITY PRIOR TO ORDERING.
1. REMOVE EXISTING ROOF TOP UNIT AND PREPARE DUCTWORK, CURB, GAS PIPING, AND ELECTRICAL SERVICE FOR CONNECTION TO NEW ROOF ... UNIT TO EXISTING DUCTWORK, GAS PIPING, AND ELECTRICAL. ALTER EXISTING CONDITIONS AS NECESSARY FOR CONNECTION TO NEW UNIT.

2. REMOVE EXISTING GRAVITY RELIEF HOOD.CAP EXISTING ROOF CURB WITH SHEETMETAL CAP, INSULATED WITH MINIMUM R-8 AND SLOPED TO SHED WATER.

3. REMOVE EXISTING EXHAUST FAN AND REPLACE WITH NEW ON EXISTING CURB. TRANSITION FROM EXISTING DUCTWORK TO NEW FAN AS REQUIRED.

4. NEW ROOF MOUNTED EXHAUST FAN. ROUTE EXHAUST DUCT UP FROM SPACE AND TRANSITION TO FAN ON ROOF AS REQUIRED. FAN TO MOUNT ON EXISTING ROOF CURB. PROVIDE CURB ADAPTER, SEALED WATERTIGHT, FROM EXISTING CURB TO NEW FACTORY PROVIDED EXHAUST FAN CURB. FIELD VERIFY EXISTING CURB SIZE. ENSURE NEW FAN IS GREATER THAN OR EQUAL TO 10' AWAY FROM ALL OPERABLE WINDOWS AND MECHANICAL AIR INTAKES.

5. REMOVE EXISTING TURBINE STYLE VENT AND ASSOCIATED DUCTWORK DOWN TO 12" ABOVE ROOF SURFACE AND PROVIDE SLOPED, INSULATED CAP ON TOP OF DUCTWORK SEALED WATERTIGHT.

6. PROVIDE VENT THRU ROOF FOR INSTANTANEOUS WATER HEATER BELOW. MAINTAIN MINIMUM 2'-0" SEPARATION BETWEEN VENT TERMINATIONS. TERMINATE VENT MINIMUM 3'-0" ABOVE FINISHED ROOF SURFACE. FOR ROOF PENETRATION, REFER TO PIPE THROUGH ROOF VIA CURB DETAIL 9/M-501.
## Fan Schedule

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### Notes
- Include any additional notes related to the fan schedule.

## Unit Heater Schedule (Natural Gas)

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### Notes
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## Unit Heater Schedule (Electric)

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### Notes
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## Hot Water Cabinet Heater Schedule

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### Notes
- Include any additional notes related to the cabinet heater schedule.

## Hot Water Baseboard Heater Schedule

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### Notes
- Include any additional notes related to the baseboard heater schedule.

## Grille, Register and Diffuser Schedule

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### Notes
- Include any additional notes related to the grille, register, and diffuser schedule.
**ROOFTOP UNIT SCHEDULE (DX COOLING, NATURAL GAS HEAT)**

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<tr>
<th>UNIT SIZE</th>
<th>MODEL</th>
<th>MANUFACTURER</th>
<th>COOLING CAPACITY</th>
<th>HEATING CAPACITY</th>
<th>WATER LOAD</th>
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**NOTES:**
- All rooftop units shall be constructed of fire-rated material and shall comply with manufacturer's specifications. Numbers only. Require complete description, notes, and specifications to determine the exact material and accessories to be delivered. This explanation applies to the design.

---

**DUCTLESS SPLIT SYSTEM HEAT PUMP**

**SYSTEM:**
- **OUTDOOR UNIT**
  - **MCO:**
    - MECH OFFICE 100: Mitsubishi
    - MECH OFFICE 100: Mitsubishi

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<thead>
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<th>UNIT SIZE</th>
<th>MODEL</th>
<th>MANUFACTURER</th>
<th>COOLING CAPACITY</th>
<th>HEATING CAPACITY</th>
<th>WATER LOAD</th>
<th>OUTFLOW/INFLOW</th>
<th>VAPEOR</th>
<th>TOTAL</th>
<th>ENERGY EFFICIENCY RATING</th>
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<tbody>
<tr>
<td>30 TON</td>
<td>DSCN-30</td>
<td>DAIKIN</td>
<td>270.000 BTU</td>
<td>350.000 BTU</td>
<td>90.000</td>
<td>50.000</td>
<td>4.0</td>
<td>375</td>
<td>14.0</td>
</tr>
<tr>
<td>40 TON</td>
<td>DSCN-40</td>
<td>DAIKIN</td>
<td>360.000 BTU</td>
<td>420.000 BTU</td>
<td>120.000</td>
<td>60.000</td>
<td>3.9</td>
<td>450</td>
<td>14.0</td>
</tr>
</tbody>
</table>

**NOTES:**
- All rooftop units shall be constructed of fire-rated material and shall comply with manufacturer's specifications. Numbers only. Require complete description, notes, and specifications to determine the exact material and accessories to be delivered. This explanation applies to the design.

---

**OUTSIDE AIR REQUIREMENTS, IMC 2018-SINGLE ZONE SYSTEMS**

<table>
<thead>
<tr>
<th>System</th>
<th>Outdoor Air System</th>
<th>Flow Rate</th>
<th>Outdoor Air System</th>
<th>Flow Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>HRV OFFICE</td>
<td>40 CFM</td>
<td>0.06</td>
<td>Office space</td>
<td>0.08</td>
</tr>
<tr>
<td>HRV OFFICE</td>
<td>40 CFM</td>
<td>0.06</td>
<td>Office space</td>
<td>0.08</td>
</tr>
<tr>
<td>HRV OFFICE</td>
<td>40 CFM</td>
<td>0.06</td>
<td>Office space</td>
<td>0.08</td>
</tr>
</tbody>
</table>

**NOTES:**
- All equipment shall be constructed of fire-rated material and shall comply with manufacturer's specifications. Numbers only. Require complete description, notes, and specifications to determine the exact material and accessories to be delivered. This explanation applies to the design.

---

**STATE OF MISSOURI**
- **GOVERNOR:** Michael L. Parson
- **OFFICE OF ADMINISTRATION**
  - **DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION**

**PROJECT:** T1906-01
- **MISSOURI NATIONAL GUARD**
- **SITE:** 6264
- **RENOVATE EXTERIOR & INTERIOR LEXINGTON READINESS CENTER**
- **LEXINGTON, MISSOURI**
- **LICENSE #:** 028603
- **BRADLEY E. CHAMBON**

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- **SITE #:** 6264
- **ASSET #:** 8136264001
- **ISSUE DATE:** 12-9-19
- **SUBMISSION DATE:** 12-8-19
- **CADD FILE:** M-EP-009.DWG
- **DRAWN BY:** 028603
- **CHECKED BY:** 028603
- **DESIGNED BY:** 028603
- **SHEET TITLE:** MECHANICAL SCHEDULES
- **SHEET NUMBER:** M-602

---

**HEATING, VENTILATION, AND AIR CONDITIONING DIVISION**
- **STATE OF MISSOURI**
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- **OFFICE OF ADMINISTRATION**
  - **DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION**

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- **SHEET TITLE:** MECHANICAL SCHEDULES
- **SHEET NUMBER:** M-602
EXISTING PANELBOARD IS TO BE REPLACED/REVISED/RELOCATED. REMOVE EXISTING WIRING DEVICES, EXPOSED RACEWAY, CIRCUITRY AND RELATED ACCESSORIES NOT BEING REUSED BACK TO SOURCE PANELBOARD. REFER TO ELECTRICAL POWER PLAN, ONE-LINE DIAGRAM AND SCHEDULES, E112, E601, E602, E603 FOR NEW AND RELOCATED ELECTRICAL PANELBOARD INFORMATION.

EXISTING EQUIPMENT IS TO BE REPLACED/REVISED/RELOCATED/REMOVED. REMOVE EXISTING WIRING DEVICES, EXPOSED RACEWAY, CIRCUITRY AND RELATED ACCESSORIES NOT BEING REUSED BACK TO SOURCE PANELBOARD OR NEAREST REMAINING DEVICE AND UPDATE CIRCUIT DIRECTORY ACCORDINGLY. MAINTAIN EXISTING ELECTRICAL INSTALLATIONS TO SERVE REMAINING EQUIPMENT AND THAT USED FOR TEMPORARY PURPOSES. REFER TO ELECTRICAL POWER AND LIGHTING PLANS FOR NEW AND RELOCATED ELECTRICAL EQUIPMENT INFORMATION. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR ADDITIONAL INFORMATION. REPLACE EXISTING LIGHT FIXTURE(S) IN ROOM AND REVISE AND EXTEND RELATED CIRCUITY. EXISTING RACEWAY, CIRCUITRY AND RELATED ACCESSORIES MAY BE REUSED IF IN GOOD CONDITION AND NEW DESIGN CRITERIA CAN BE MET; OTHERWISE REPLACE. REFER TO ELECTRICAL POWER AND LIGHTING PLANS FOR ADDITIONAL INFORMATION.

EXISTING LIGHT SWITCH TO BE REPLACED. REFERENCE SHEET E701 FOR ADDITIONAL INFORMATION.

EXISTING LIGHT SWITCH TO BE DEMOLISHED. PATCH OR COVER WITH BLANK FACE PLATE IF LOCATED ON AN EXISTING TO REMAIN WALL.
EXISTING PANELBOARD IS TO BE REPLACED/REVISED/RELOCATED. REMOVE EXISTING WIRING DEVICES, EXPOSED RACEWAY, CIRCUITRY AND RELATED ACCESSORIES NOT BEING REUSED BACK TO SOURCE PANELBOARD. REFER TO ELECTRICAL POWER PLAN, ONE-LINE DIAGRAM AND SCHEDULES, E112, E601, E602, E603 FOR NEW AND RELOCATED ELECTRICAL PANELBOARD INFORMATION.

EXISTING EQUIPMENT IS TO BE REPLACED/REVISED/RELOCATED/REMOVED. REMOVE EXISTING WIRING DEVICES, EXPOSED RACEWAY, CIRCUITRY AND RELATED ACCESSORIES NOT BEING REUSED BACK TO SOURCE PANELBOARD OR NEAREST REMAINING DEVICE AND UPDATE CIRCUIT DIRECTORY ACCORDINGLY. MAINTAIN EXISTING ELECTRICAL INSTALLATIONS TO SERVE REMAINING EQUIPMENT AND THAT USED FOR TEMPORARY PURPOSES. REFER TO ELECTRICAL POWER AND LIGHTING PLANS FOR NEW AND RELOCATED ELECTRICAL EQUIPMENT INFORMATION. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR ADDITIONAL INFORMATION. REPLACE EXISTING LIGHT FIXTURE(S) IN ROOM AND REVISE AND EXTEND RELATED CIRCUITRY. EXISTING RACEWAY, CIRCUITRY AND RELATED ACCESSORIES MAY BE REUSED IF IN GOOD CONDITION AND NEW DESIGN CRITERIA CAN BE MET; OTHERWISE REPLACE. REFER TO ELECTRICAL POWER AND LIGHTING PLANS FOR ADDITIONAL INFORMATION.

EXISTING LIGHT SWITCH TO BE REPLACED. REFERENCE SHEET E702 FOR ADDITIONAL INFORMATION.

EXISTING LIGHT SWITCH TO BE DEMOLISHED. PATCH OR COVER WITH BLANK FACE PLATE IF LOCATED ON AN EXISTING TO REMAIN WALL.
EXISTING PANELBOARD IS TO BE REPLACED. REMOVE EXISTING WIRING DEVICES, EXPOSED RACEWAY, CIRCUITY AND RELATED ACCESSORIES. DISCONNECT EXISTING EQUIPMENT AND RECONNECT NEW EQUIPMENT.

COORDINATE WITH MECHANICAL/PLUMBING CONTRACTOR. UPDATE PANELBOARD SCHEDULES AS REQUIRED.
EXISTING EQUIPMENT IS TO BE REPLACED/REVISED/RELOCATED. REMOVE EXISTING WIRING DEVICES, EXPOSED RACEWAY, CIRCUITRY AND RELATED ACCESSORIES NOT BEING REUSED BACK TO SOURCE PANELBOARD OR NEAREST REMAINING DEVICE AND UPDATE CIRCUIT DIRECTORY ACCORDINGLY. MAINTAIN EXISTING ELECTRICAL INSTALLATIONS TO SERVE REMAINING EQUIPMENT AND THAT USED FOR TEMPORARY PURPOSES. REFER TO [ELECTRICAL POWER PLAN] FOR NEW AND RELOCATED ELECTRICAL EQUIPMENT INFORMATION. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR ADDITIONAL INFORMATION.

PROVIDE EXHAUST FAN CONTROL WIRING AS REQUIRED. REFERENCE SHEET E701 AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION. MANUFACTURER PROVIDED DISCONNECT. REFERENCE MECHANICAL PLANS FOR ADDITIONAL INFORMATION. CONNECT EXHAUST FAN TO EXISTING CONTROLS.
Short-Circuit and Voltage Drop Calculations

Coordination with local electrical utility requirements prior to start of construction.

If existing wire sizes deviate from drawings notify the EOR for review.

COORDINATE WITH LOCAL ELECTRICAL UTILITY REQUIREMENTS PRIOR TO START OF CONSTRUCTION.

IF EXISTING WIRE SIZES DEVIATE FROM DRAWINGS NOTIFY THE EOR FOR REVIEW.

ONE-LINE DIAGRAM (engineering drawing)

Sheet Title: ELECTRICAL SCHEDULES AND ONE-LINE

Sheet Number: E-601
<table>
<thead>
<tr>
<th>PANELBOARD 2 EXISTING</th>
<th>PANEL 3 EXISTING</th>
<th>PANEL 4 EXISTING</th>
<th>PANEL 5 EXISTING</th>
<th>PANEL 6 EXISTING</th>
<th>PANEL 7 EXISTING</th>
<th>PANEL 8 EXISTING</th>
<th>PANEL 9 EXISTING</th>
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<tbody>
<tr>
<td>DESCRIPTION</td>
<td>Code</td>
<td>Location</td>
<td>Type</td>
<td>Rating</td>
<td>Make</td>
<td>Model</td>
<td>Voltage</td>
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<td>Model</td>
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</table>

<table>
<thead>
<tr>
<th>PANELBOARD L4 (NEW)</th>
<th>PANELBOARD L5 (NEW)</th>
<th>PANELBOARD L6 (NEW)</th>
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</thead>
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<tr>
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<td>Location</td>
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<td>DESCRIPTION</td>
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<td>Location</td>
</tr>
<tr>
<td>DESCRIPTION</td>
<td>Code</td>
<td>Location</td>
</tr>
</tbody>
</table>

**Notes:**
- Ex: Outside electrical circuits from exist line panel. Field verify existing line and update circuitry.
- Ex: Outside electrical circuits from exist line panel. Field verify existing line and update circuitry.
- Ex: Outside electrical circuits from exist line panel. Field verify existing line and update circuitry.

**Designers:**
- ANDREA J. ODROWSKI
- E-027453

**Contact:**
- 1850005349
- WWW.HENDERSONENGINEERS.COM
- 12/31/20

**Project:**
- Missouri National Guard
- Renovate Exterior & Interior Lexington Readiness Center
- 408 S. 26th Street
- Lexington, Missouri

**Issue Date:**
- 12-9-19

**Drawing Title:**
- Electrical Schedules

**Sheets:**
- 37 of 40 Sheets

**Sheets Number:**
- E-603
LIGHT FIXTURE SCHEDULE

Sheet: E-604

MISSOURI NATIONAL GUARD
RENOVATE EXTERIOR & INTERIOR LEXINGTON READINESS CENTER
408 S. 26TH STREET LEXINGTON, MISSOURI

E. Andria J. Odrowski

Lighting fixture schedules generally describe the fixture types, quantities, and other relevant specifications. These schedules are typically used to ensure that the correct lighting fixtures are installed at the appropriate locations. They may include details such as fixture count, luminaire type, and location, which are crucial for the proper functioning of the lighting system. The schedules help in coordinating with contractors and suppliers to ensure that the project follows the intended design and specifications.
1. Locate new light switch at location of demolished switch if possible. Provide cover plate for all additional demolished devices not utilized in new design.

2. Connect to existing circuitry previously serving area lighting.

3. Provide constant hot for emergency exit and locally controlled light fixtures. Route exhaust fan control wiring through relay pack for maximum time delay upon occupancy. Reference Sheet E114 for additional information.

4. Connect to existing timeclock for exterior lights.
SECOND FLOOR ELECTRICAL LIGHTING PLAN

1. Locate new light switch at location of demolished switch if possible. Provide cover plate for all additional demolished devices not utilized in new design.

2. Connect to existing circuitry previously serving area lighting.

3. Provide constant hot for emergency exit and locally controlled light fixtures.