1. FIELD VERIFY ALL DIMENSIONS AND CONDITION PRIOR TO EXECUTING ANY WORK. NOTIFY OWNER'S REPRESENTATIVE OF ANY QUESTIONS. FIELD CHECKS PRIOR TO EXECUTING ANY WORK.
2. VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO EXECUTING ANY WORK. NOTIFY OWNER'S REPRESENTATIVE OF ANY QUESTIONS.
3. DO NOT SCALE DRAWINGS - VERIFY DIMENSIONS OF EXISTING BUILDINGS, WALLS AND PLUMBING, ETC. PRIOR TO EXECUTING ANY WORK. NOTIFY OWNER'S REPRESENTATIVE OF ANY QUESTIONS.
4. REMOVE ALL EXISTING CONCRETE AND OTHER MATERIALS AS PART OF THE CONSTRUCTION WORK.
5. REMOVE ALL STAIRWAY SECTIONS, INCLUDING STAIRCASES, WOOD FRAMING, AND ALL EXISTING CONCRETE RAMP.
6. REMOVE AND REPLACE ALL EXISTING CONCRETE, STEEL, AND OTHER MATERIALS AS PART OF THE CONSTRUCTION WORK.
7. REMOVE ALL EXISTING CONCRETE, STEEL, AND OTHER MATERIALS AS PART OF THE CONSTRUCTION WORK.
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Interior and Exterior
Repairs and Improvements
MSHP Aircraft Hangar

Jefferson City, Cole County, Missouri

SPECIAL INSPECTIONS

CONCRETE

MASONRY

COLD-FORMED METAL FRAMING

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR
OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION
DEPARTMENT OF
PUBLIC SAFETY

Interior and Exterior
Repairs and Improvements
MSHP AIRCRAFT HANGAR
CITY OF JEFFERSON AIRPORT

JEFFERSON CITY, MISSOURI
PROJECT #: R2007-01
SITE #: 6011
FACILITY #: 8136011011

ISSUE DATE: 12/27/2019
SHEET NUMBER: S-100
8 OF 28 SHEETS
12/27/2019
GENERAL FLOOR PLAN NOTES

1. PRIOR TO VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK OR PROCEEDING WITH INSTALLATION OF ANY FIXTURE OR APPLIANCE OR TO ADHERE TO ANY SPECIFICATIONS OR REQUIREMENTS PRIOR TO PROCEEDING WITH WORK.
2. VERIFY ALL ROUGH OPENINGS FOR ELECTRICAL, MECHANICAL, AND PUMPS AND DUCTWORK PRIOR TO PROCEEDING WITH WORK.
3. LOCATE DOOR OPENINGS WHICH ARE TO BE TRIMMED, SEALED, AND FINISHED PRIOR TO PROCEEDING WITH WORK.
4. COORDINATE ALL FINISHING AND OTHER REQUIREMENTS WITH SUPERVISORY PERSONAL PRIOR TO PROCEEDING WITH WORK.
5. COORDINATE ALL REQUIRED UTILITY AND SERVICES WITH SUPERVISORY PERSONAL PRIOR TO PROCEEDING WITH WORK.
6. INSTALL NEW PRE-FINISHED METAL LINERS FULL HEIGHT (23'-6" +/- F.V.) WITH A PANEL SEAM MID HEIGHT.
7. INSTALL NEW CLOSED CELL POLYISOCYANURATE R-21 SPRAY FOAM INSULATION ON THE INSIDE FACE OF THE EXTERIOR METAL WALL PANELS FROM FLOOR TO THE THIRD WALL GIRT (13'-0" +/- F.V.) AND INSTALL NEW PRE-FINISHED METAL LINERS FULL HEIGHT (23'-6" +/- F.V.) WITH A PANEL SEAM MID HEIGHT.
8. INSTALL NEW CLOSED CELL POLYISOCYANURATE R-21 SPRAY FOAM INSULATION ON THE INSIDE FACE OF THE EXTERIOR METAL WALL PANELS FROM FLOOR TO THE SECOND WALL GIRT (7'-0" +/- F.V.) AND INSTALL NEW PRE-FINISHED METAL LINERS FULL HEIGHT (23'-6" +/- F.V.) WITH A PANEL SEAM MID HEIGHT.
9. INSTALL NEW CLOSED CELL POLYISOCYANURATE R-21 SPRAY FOAM INSULATION ON THE INSIDE FACE OF THE EXTERIOR METAL WALL PANELS FROM FLOOR TO THE FIRST WALL GIRT (3'-0" +/- F.V.) AND INSTALL NEW PRE-FINISHED METAL LINERS FULL HEIGHT (23'-6" +/- F.V.) WITH A PANEL SEAM MID HEIGHT.
10. INSTALL NEW PRE-FINISHED METAL LINERS FULL HEIGHT (23'-6" +/- F.V.) NEW CONCRETE RAMP SEE STRUCTURAL
11. INSTALL NEW CLOSED CELL POLYISOCYANURATE R-21 SPRAY FOAM INSULATION ON THE INSIDE FACE OF THE EXTERIOR METAL WALL PANELS FROM FLOOR TO THE SECOND WALL GIRT (7'-0" +/- F.V.) AND INSTALL NEW PRE-FINISHED METAL LINERS FULL HEIGHT (23'-6" +/- F.V.) WITH A PANEL SEAM MID HEIGHT.
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SCOPES OF WORK NOTES

1. PREPARE, STAIN AND SEAL ALL NEW AND EXISTING CONCRETE FLOORS
2. INSTALL NEW CARPET TILE FLOORING
3. REFRAME AND DECK FLOOR WHERE REMOVED TO MATCH EXISTING. SEE STRUCTURAL
4. INSTALL NEW CLOSED CELL POLYISOCYANURATE R-21 SPRAY FOAM INSULATION ON THE INSIDE FACE OF THE EXTERIOR METAL WALL PANELS FROM FLOOR TO THE SECOND WALL GIRT (7'-0" +/- F.V.) AND INSTALL NEW PRE-FINISHED METAL LINERS FULL HEIGHT (23'-6" +/- F.V.) WITH A PANEL SEAM MID HEIGHT.
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GENERAL CEILING PLAN NOTES:

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SPECIFICATIONS.
2. REFER TO MECHANICAL DRAWINGS FOR SUPPLY AND RETURN AIR DIFFUSER LOCATIONS AND HVAC SYSTEM LAYOUT.
3. COORDINATE CEILING / SOFFIT FRAMING AND SUPPORTS WITH EXISTING STRUCTURAL AND MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS.
4. REFER TO ROOM FINISH SCHEDULE AND LEGEND FOR ALL CEILING HEIGHTS AND FINISH REQUIREMENTS.

SCOPE OF WORK NOTES:

1. PAINT ALL NEW AND EXISTING FLOOR JOISTS AND DUCT WORK AND CONDUITS.
2. INSTALL NEW ACOUSTIC CEILING TILE AND GRID. SEE MEP FOR LIGHTS AND HVAC.
3. PAINT ALL NEW STRUCTURE, DECK, DUCT WORK, AND CONDUITS.
4. INSTALL NEW R-30 THERMAL DESIGN SIMPLE SAVIOR ROOF RETROFIT INSULATION SYSTEM ON EXISTING ROOF.
5. NEW JOISTS SLICED INTO EXISTING JOISTS. SEE STRUCTURAL.
6. NEW GYPSUM BOARD ON EXISTING CEILING JOISTS, FINISH AND PAINT TO MATCH EXISTING.

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION
DEPARTMENT OF PUBLIC SAFETY

INTERIOR AND EXTERIOR
REPAIR AND IMPROVEMENTS
MSHP AIRCRAFT HANGAR
CITY OF JEFFERSON AIRPORT
JEFFERSON CITY, MISSOURI

PROJECT #: R2007-01
SITE #: 4011
FACILITY #: 8136011011

PH: (573) 449-2683  FAX: (573) 442-6213
COLUMBIA, MISSOURI 65203
2120 FORUM BLVD, SUITE 101

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A1
FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

E1
SECOND FLOOR REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

H1
REFLECTED CEILING PLAN - MAINTENANCE SHOP
SCALE: 3/16" = 1'-0"

21 OF 28 SHEETS

12/27/2019

FIRST FLOOR REFLECTED CEILING PLAN

SECOND FLOOR REFLECTED CEILING PLAN

MAINTENANCE SHOP REFLECTED CEILING PLAN
PAINT ALL NEW AND EXISTING CONDUITS AND BOXES
PAINT EXISTING GYPSUMBOARD

PAINT NEW AND EXISTING CONCRETE RAMPS WITH EPOXY TO MATCH EXISTING WITH 2" SAFETY YELLOW STRIPING AT ALL EDGES

ALTERNATE SCOPE OF WORK NOTES

NEW PAINTED GYPSUM BOARD WALLS AND TRIM ON EXISTING 2X4 WOOD STUDS

NEW 6" 16 GA. GALVANIZED METAL STUDS @ 24" O.C., CEMENTIOUS SIDING WALL PANELS BOTH SIDES

2x4 WOOD STUDS @ 16" O.C., SOUNDBATT INSULATION w/ 1/2" GYPSUMBOARD EACH SIDE TO UNDERSIDE OF EXISTING CEILING. PAINTED TO MATCH EXISTING

NEW 6" 16 GA. GALVANIZED METAL STUDS @ 16" O.C., PRE-FINISHED METAL LINERS FULL HEIGHT

NEW CONCRETE RAMP SEE STRUCTURAL

REFRAME AND DECK FLOOR WHERE STAIR WAS REMOVED TO MATCH EXISTING. SEE STRUCTURAL

REPLACE EXISTING VINYL WINDOWS WITH NEW ALUMINUM WINDOWS

NEW CONCRETE RAMP SEE STRUCTURAL

INSTALL NEW CLOSED CELL POLYISOCYANURATE R-21 SPRAY FOAM INSULATION ON THE INSIDE FACE OF THE EXTERIOR METAL WALL PANELS FROM THE BOTTOM UP TO THE SECOND GIRT 7'-0" +/- F.V.

INSTALL NEW CLOSED CELL POLYISOCYANURATE R-21 SPRAY FOAM INSULATION ON THE INSIDE FACE OF THE EXTERIOR METAL WALL PANELS FROM FLOOR TO THE THIRD WALL GIRT (13'-0" +/- F.V.) AND INSTALL NEW PRE-FINISHED METAL LINERS FULL HEIGHT (23'-6" +/- F.V.) WITH A PANEL SEAM MID HEIGHT.

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INSTALL NEW CLOSED CELL POLYISOCYANURATE R-21 SPRAY FOAM INSULATION ON THE INSIDE FACE OF THE EXTERIOR METAL WALL PANELS FROM FLOOR TO THE SECOND WALL GIRT (12'-0" +/- F.V.) AND INSTALL NEW PRE-FINISHED METAL LINERS FULL HEIGHT (23'-6" +/- F.V.) WITH A PANEL SEAM MID HEIGHT.

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PREPARE, STAIN AND SEAL ALL NEW AND EXISTING CONCRETE FLOORS

INSTALL NEW CLOSED CELL POLYISOCYANURATE R-21 SPRAY FOAM INSULATION ON THE INSIDE FACE OF THE EXTERIOR METAL WALL PANELS FROM FLOOR TO THE THIRD WALL GIRT (13'-0" +/- F.V.) AND INSTALL NEW PRE-FINISHED METAL LINERS FULL HEIGHT (23'-6" +/- F.V.)

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ALTERNATE SCOPE OF WORK NOTES

1. REINSTALL EXISTING DUCTWORK - SEE MEP

2. EXISTING DOOR AND FRAME TO REMAIN

3. INSTALL NEW CLOSED CELL POLYISOCYANURATE R-21 SPRAY FOAM INSULATION ON THE INSIDE FACE OF THE EXTERIOR METAL WALL PANELS FROM FLOOR TO THE THIRD WALL GIRT (13'-0" +/- F.V.)

4. INSTALL NEW CLOSED CELL POLYISOCYANURATE R-21 SPRAY FOAM INSULATION ON THE INSIDE FACE OF THE EXTERIOR METAL WALL PANELS ... GIRT (12'-0" +/- F.V.) AND INSTALL NEW PRE-FINISHED METAL LINERS FULL HEIGHT (23'-6" +/- F.V.) WITH A PANEL SEAM MID HEIGHT.

5. INSTALL NEW CLOSED CELL POLYISOCYANURATE R-21 SPRAY FOAM INSULATION ON THE INSIDE FACE OF THE EXTERIOR METAL WALL PANELS FROM FLOOR TO THE SECOND WALL GIRT (7'-0" +/- F.V.)

6. INSTALL NEW PRE-FINISHED METAL LINERS FULL HEIGHT (23'-6" +/- F.V.)

7. REPLACE EXISTING VYNEAL CASEMENT WINDOW WITH NEW FIXED ALUMINUM WINDOW

8. PRE-ENGINEERED GALVANIZED STEEL STAIR STRUCTURE WITH ENCLOSED BACK GALVANIZED STEEL BAR GRATE TREADS, 1-1/4" I.D. SCH. 40 PIPE W/ VERTICAL POSTS @ 5'-0" O.C. MAX. GALVANIZED STEEL GUARDRAILS AND HANDRAILS.

9. PREPARE, STAIN AND SEAL ALL NEW AND EXISTING CONCRETE FLOORS

10. INSTALL NEW CARPET TILE FLOORING

11. INSTALL NEW CLOSED CELL POLYISOCYANURATE R-21 SPRAY FOAM INSULATION ON THE INSIDE FACE OF THE EXTERIOR METAL WALL PANELS FROM THE SECOND WALL GIRT UP TO THE SECOND METAL BUILDING INSULATION (36" +/- F.V.)

12. NEW PAINTED GYPSUM BOARD WALLS AND TRIM ON EXISTING 2X4 WOOD STUDS

13. RE-FRAME AND DECK FLOOR WHERE REMOVED TO MATCH EXISTING. SEE STRUCTURAL

14. RE-FRAME AND DECK FLOOR WHERE STAIR WAS REMOVED TO MATCH EXISTING. SEE STRUCTURAL

15. ALTERNATE #2: RESEAL EXISTING CONCRETE FLOOR SLAB CONTROL JOINTS. WASH AND CLEAN EXISTING EPOXY FLOOR.

16. PAINT NEW AND EXISTING CONCRETE RAMPS WITH EPOXY TO MATCH EXISTING WITH 2" SAFETY YELLOW STRIPING AT ALL EDGES

17. ALTERNATE #1: REPLACE EXISTING VINYL WINDOWS WITH NEW ALUMINUM WINDOWS
New 6" 16 ga. galvanized metal studs @ 16" O.C., cementious siding wall panels inside with closed cell R-21 spray foam insulation and pre-finished metal liner panels on the outside.

Prepare, stain and seal all new and existing concrete floors.

New close cell R-21 spray foam insulation of metal building siding.

New ceiling tile and grid PVC trim base.

1-1/4" I.D. Sch. 40 pipe w/ vertical posts @ 5'-0" O.C. max.

Galvanized steel guardrails and handrails.

Pre-engineered galvanized steel stair structure.

Enclosed back galvanized steel grate treads.

2x4 wood studs @ 16" O.C., sound batt insulation w/ 1/2" gypsum board each side to underside of existing ceiling. Painted to match existing.

New carpet tile flooring.

Install new pre-finished aluminum metal building siding from the bottom up to the second girt 7'-0" +/- F.V.

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ISSUE DATE:
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REVISION:
FACILITY #:
PROJECT #:
SHEET TITLE:
REVISION:
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REVISION:
DATE:
CAD DWG FILE:
STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR
OFFICE OF ADMINISTRATION
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Interior and Exterior Repairs and Improvements
MSHP Aircraft Hangar
City of Jefferson Airport
Jefferson City, Missouri
R2007-01
6011
8136011011
PWA Project No. 201919

PW Architects, Inc.
Ph: (573) 449-2683 Fax: (573) 442-6213
Columbia, Missouri 65203
2120 Forum Blvd, Suite 101

Building Sections

Sheet No. 15 of 28 Sheets
12/27/2019

Building Section
Scale: 1/2" = 1'-0"
### Room Finish Schedule

<table>
<thead>
<tr>
<th>Room No.</th>
<th>Description</th>
<th>Color</th>
<th>Trim</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-1</td>
<td>Office</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-2</td>
<td>Office</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-3</td>
<td>Office</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-4</td>
<td>Office</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Door Schedule

<table>
<thead>
<tr>
<th>Door No.</th>
<th>Door Type</th>
<th>Size (H x W)</th>
<th>Color</th>
<th>Trim</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-1</td>
<td>Wood Door</td>
<td>3'-0&quot; x 6'-8&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D-2</td>
<td>Metal Door</td>
<td>3'-0&quot; x 6'-8&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Frame Schedule

<table>
<thead>
<tr>
<th>Frame No.</th>
<th>Material</th>
<th>Size (H x W)</th>
<th>Color</th>
<th>Trim</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>F-1</td>
<td>Wood</td>
<td>3'-0&quot; x 6'-8&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F-2</td>
<td>Metal</td>
<td>3'-0&quot; x 6'-8&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Window Schedule

<table>
<thead>
<tr>
<th>Window No.</th>
<th>Material</th>
<th>Size (H x W)</th>
<th>Color</th>
<th>Trim</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>W-1</td>
<td>Glass</td>
<td>3'-0&quot; x 6'-8&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W-2</td>
<td>Metal</td>
<td>3'-0&quot; x 6'-8&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### General Notes

- Scale: 1-1/2" = 1'-0"
- Window Schedule:
  - Wood Frame: Walnut
  - Metal Frame: Silver
- Door Schedule:
  - Wood Door: Cherry
  - Metal Door: Nickel
- Frame Schedule:
  - Wood Frame: Clear
  - Metal Frame: Satin Nickel
LIGHTING PLAN

HANGAR AREA LIGHTING PLAN

1. Refer to SHEET EL-100 for additional electrical details.
2. Electrical contractor to field verify existing fixture voltages and circuits prior to breaking wire.

- Replace existing light fixture with new light fixture, existing controls to remain.
- Locate new fixture with emergency battery backup, see lighting schedule for details.
- Locate existing lighting control panel. New lighting control panel to be marked as "internal lighting control panel".
- Provide a new 300 amp service panel.
- Replace existing light switch with new 15 amp, 120 vac, 3-wire, double-pole, switch controlled by panel.

SHEET TITLE: LIGHTING PLAN

SHEET NUMBER: EL-101

PROJECT #: R2007-01
SITE #: 6001
FACILITY #: 8136011011

DATE: 12/27/2019

REVISED: 12/27/2019

CAD DWG FILE: 2401 Bernadette Drive, Suite 201
Columbia, Missouri 65203
573-234-4492 phone
www.j-squaredeng.com

DEPARTMENT OF PUBLIC SAFETY
Interstate and Exterior
Re-Repairs and Improvements
MSHP AIRCRAFT HANGAR
CITY OF JEFFERSON AIRPORT
JEFFERSON CITY MISSOURI

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT, DESIGN AND CONSTRUCTION

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR
LIGHT FIXTURE SCHEDULE

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>MOUNTING</th>
<th>RATED CIRCUIT</th>
<th>VOLTAGE</th>
<th>AMPS</th>
<th>NOTE</th>
</tr>
</thead>
</table>
| 1    | EXIT / ENTRY LIGHT / EXIT SIGN LIGHT / EXIT SIGN R/
      |             |          |               |         |      |      |
| 2    | EXIT / EXIT / EXIT SIGN LIGHT / EXIT SIGN R/
      |             |          |               |         |      |      |
| 3    | EXIT / EXIT / EXIT SIGN LIGHT / EXIT SIGN R/
      |             |          |               |         |      |      |
| 4    | EXIT / EXIT / EXIT SIGN LIGHT / EXIT SIGN R/
      |             |          |               |         |      |      |
| 5    | EXIT / EXIT / EXIT SIGN LIGHT / EXIT SIGN R/
      |             |          |               |         |      |      |

EXCEPTIONS TO ATTACH:

1. THESE LIGHT FIXTURES ARE TO BE INSTALLED ONCE G/ARCHITECT IS READY TO INSTALL.

NEW ELECTRICAL PANEL "P" SCHEDULE

<table>
<thead>
<tr>
<th>CIRCUIT</th>
<th>DESCRIPTION</th>
<th>VOLTAGE</th>
<th>CURRENT</th>
<th>AREA</th>
<th>REASON</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1000 MILL</td>
<td>10</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>2</td>
<td>1000 MILL</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>3</td>
<td>1000 MILL</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>4</td>
<td>1000 MILL</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>5</td>
<td>1000 MILL</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
</tr>
</tbody>
</table>

ACCESS CONTROL DETAILS

GENERAL NOTE: CONFORM TO ALL ELECTRICAL SYSTEM REQUIREMENTS WITH INFRARED TRANSMITTER INSTALLED. PURCHASE ELECTRONIC ACCESS CONTROL SYSTEM FROM D/D/D/B.

NOTES:

1. THESE LIGHT FIXTURES ARE TO BE INSTALLED ONCE G/ARCHITECT IS READY TO INSTALL.

ELECTRICAL DETAILS & SCHEDULES

REVISION 1

E-500

DEPARTMENT OF PUBLIC SAFETY

INTERIOR AND EXTERIOR

MISSOURI STATE POLICE AERIAL PORT

JEFFERSON CITY, MISSOURI

PROJECT # R2007-01

SHEETS 1-30

FACILITY # 6011

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