STATE OF MISSOURI

NOTE: THESE DRAWINGS, ALONG WITH THE PROJECT SPECIFICATIONS, REPRESENT A UNIFIED SET OF CONSTRUCTION DOCUMENTS. GENERAL NOTES ARE INTENDED TO SUPPLEMENT THE DRAWINGS AND SPECIFICATIONS. NOT ALL NOTES APPLY TO THIS PROJECT. SPECIFIC TRADE NOTES TAKE PRECEDENCE OVER THESE GENERAL NOTES. 1. DESIGN LOADS: A: BUILDING CODE - 2018 IBC B: ROOF LIVE LOAD - 20 PSF C: GROUND SNOW LOAD - 20 PSF D: WIND SPEED BASIC - 120 MPH

ARCHITECT PRIOR TO BIDDING. DO NOT BID FROM PARTIAL SETS OF BID DOCUMENTS. BY SUBMITTING A BID, BIDDERS REPRESENT THAT THEY HAVE VISITED THE SITE, BECOME FAMILIAR WITH THE BID DOCUMENTS IN THEIR ENTIRETY AND WITH LOCAL CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND HAVE CORRELATED THE BIDDER'S PERSONAL OBSERVATIONS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

ARCHITECT ANY ERROR, OMISSION, OR DIFFICULTY AFFECTING THE WORK.

INATION DIVISION OF FACILITIES MANAGEMENT DESIGN AND CONSTRUCTION

MISSOURI STATE FAIRGROUNDS 2503 W. 16TH ST SEDALIA, MO 65301

PROJECT # F1906-01

REVISION: 07/26/2019

G-002

DRAWN BY: AMK
DESIGNED BY: AMK
CHECKED BY: RDR

A-110

SHEET NUMBER G-002

SHEET TITLE GENERAL INFORMATION

SHEET NUMBER G-002

SHEET TITLE GENERAL INFORMATION
1. DEMO EXISTING ASPHALT SHINGLES, ROOF FLASHING AND MEMBRANE TO DECK, TYP.
2. DEMO EXISTING EPDM MEMBRANE, TYP.
3. DEMO EXISTING STANDING SEAM METAL ROOF AND METAL ROOF RISERS, TYP.
4. DEMO EXISTING GUARD RAILS, EXISTING STANDING SEAM METAL WALL, TYP.
5. DEMO ALL METAL COPING, TYP.
6. DEMO ALL LOUVERS, TYP.
7. DEMO ALL SIDING AT DORMERS AND GABLE ENDS, TYP.
8. SALVAGE EXISTING ROOF VENTS FOR REINSTALLATION, TYP.
9. NA
10. DEMO METAL COLUMN CAPS, TYP.
11. DEMO CONCRETE LOADING RAMPS TO INTERIOR FACE OF MASONRY WALL. DEMO EXISTING GUARD RAILS, EXISTING STANDING SEAM METAL WALL, TYP.
12. DEMO EXISTING ROOF DRAIN PIPING, TYP.
13. DEMO EXISTING WOOD STEM WALL AND BASE PLATES, TYP.
14. DEMO EXISTING ELECTRICAL SYSTEMS AS INDICATED ON ELECTRICAL DRAWINGS, TYP.
15. DEMO EXISTING ROOF TRENCH DRAIN, TYP.
16. DEMO EXISTING ROOF DRAIN PIPING, TYP.
17. DEMO EXISTING STRUCTURE AND DECKING FOR (1 OR 2) CRICKETS TO ORIGINAL DECK, TYP.
18. DEMO TOP 5 COURSES OF EXISTING MASONRY WALL AT LOCATIONS INDICATED, TYP.
19. EXISTING STANDING SEAM METAL WALL PANELS TO REMAIN, TYP.
20. ALTERNATE 2: DEMO ALL EXISTING WINDOW FRAMES TO PREVENT SILL PENETRATION, AND ANY OTHER EXISTING MASONRY ACCESSORIES, TYP.
2
3
1

- 1/2" HIGH DENSITY COVER BOARD FASTENED PER MFR RECOMMENDATIONS

- TP 60 MIL MEMBRANE FULLY ADHERED PER MFR RECOMMENDATIONS, TYP.

- ASPHALT SHINGLES, SYNTHETIC UNDERLAYMENT, STARTER SHINGLES AND ICE AND WATER BARRIER PER MFR RECOMMENDATIONS, TYP.

- TPO CRICKETS, TYP.

- NEW COPING, TYP.

- NEW METAL COLUMN CAP, TYP.

- WALKWAY PAD, TYP.

- COPING DETAIL @ TOP OF PARAPET WALL, TYP.

- DETAIL @ ROOF WALL JOINT / BOTTOM OF PARAPET WALL, TYP.

- ROOF LEGEND: ALL SIZES SHALL BE NOTED, EXCEPT WHEN NOT APPLICABLE. DESCRIPTION MAY BE REQUIRED.
INTERIOR DRAIN @ 1/8" - 12" SLOPE, VERIFY HEIGHTS / SLOPE IN FIELD TO AVOID INTERFERENCE WITH HORSE PENS, TYP.

REPLACE ROOFS & RENOVATE EXTERIOR, MULTIPLE ASSETS MISSOURI STATE FAIRGROUNDS 2503 W. 16TH ST SEDALIA, MO 65301

RENEWAL PROJECT

PROJECT # F1906-03
SITE # 1501
FACILITY #s
3511501041
3511501042
3511501045

REVISED DATE

NUMBER OF SHEETS

CUSTOMER:

ENGINEERING CONSULTANTS

ADDRESS:

PHONE: 573-875-4365

WEBSITE: www.timberlakeengineering.com

FACILITY SECTIONS

1/8" = 1'-0"
1/2" HIGH DENSITY COVER BOARD FASTENED PER MFR RECOMMENDATIONS

TPO 60 MIL MEMBRANE FULLY ADHERED PER MFR RECOMMENDATIONS, TYP.

NEW SOLID WOOD DECKING WHERE INDICATED ON PLAN AND REQUIRED BY INSTALLATION OF NEW DRAINS, TYP.

REINFORCED STRUCTURE, TYP.

NEW ROOF DRAIN COMBO, PRIMARY / OVERFLOW, TYP.

TPO CRICKET BEYOND, TYP.

1/2" HIGH DENSITY COVER BOARD FASTENED PER MFR RECOMMENDATIONS

TPO 60 MIL MEMBRANE FULLY ADHERED PER MFR RECOMMENDATIONS, TYP.

NEW SOLID WOOD DECKING, TYP.

REINFORCED STRUCTURE, TYP.

NEW BASEPLATE, TYP.

EXISTING SHEATHING, TYP.

NEW 8" OVERFLOW DRAIN LINE SLOPED @ 1/8" PER FOOT, TYP.

NEW 5 COURSES ON TOP OF EXISTING MASONRY WALL, TYP.

EXISTING SOLID WOOD DECKING, TYP.

1/2" TAPERED INSULATION, TYP.

EXISTING MASONRY WALL, TYP.

NEW 10" MAIN DRAIN LINE SLOPED @ 1/8" PER FOOT, TYP.

CLEVIS HANGARS @ 4' - 0" O.C., TYP.

EXISTING MASONRY WALL, TYP.

NEW ROOF DRAIN COMBO, PRIMARY / OVERFLOW, TYP.

TPO CRICKET BEYOND, TYP.

1/2" HIGH DENSITY COVER BOARD FASTENED PER MFR RECOMMENDATIONS

TPO 60 MIL MEMBRANE FULLY ADHERED PER MFR RECOMMENDATIONS, TYP.

NEW SOLID WOOD DECKING, TYP.

REINFORCED STRUCTURE, TYP.

NEW BASEPLATE, TYP.

EXISTING SHEATHING, TYP.

NEW 10" MAIN DRAIN LINE SLOPED @ 1/8" PER FOOT, TYP.

NEW 3" DOWNSPOUT, TYP.

EXISTING MASONRY WALL, TYP.

V.I.F.
1'-0".

NEW 8" OVERFLOW DRAIN LINE SLOPED @ 1/8" PER FOOT, TYP.

NEW 5 COURSES ON TOP OF EXISTING MASONRY WALL, TYP.

EXISTING SOLID WOOD DECKING, TYP.

1/2" TAPERED INSULATION, TYP.

EXISTING MASONRY WALL, TYP.

NEW STEM WALL, TYP.

NEW WOOD CRICKET W/ 5/8" SHEATHING, TYP.

EXISTING SHEATHING, TYP.

NEW 3" DOWNSPOUT, TYP.

EXISTING MASONRY WALL, TYP.

S-101
1

NOTES:
1. G.C. TO VERIFY ALL ROUGH OPENINGS IN FIELD, TYP.
2. INTENT IS TO COVER EXISTING WINDOW FRAMING MARKS ON BRICK, TYP.
3. CAULK ENTIRE PERIMETER OF OPENING AND WINDOW, INTERIOR AND EXTERIOR, TYP.
4. EXISTING MASONRY WALL, TYP.
5. EXISTING MASONRY WALL, TYP.

NEW WINDOW FLASHING, TYP.

NEW TREATED 2X8 HEADER AND SUB-FRAME, W/ 7/16 OSB SHEATHING FRONT AND BACK, FRAMED IN PLACE, WRAP FRONT AND BACK IN PRE-FIN. BREAK METAL, COLORED TO MATCH WINDOW TRIM, TYP.

NEW TREATED 2X8 SUB-FRAME, WRAPPED IN PRE-FIN BREAK METAL, TYP.

ATTACH SUB-FRAME W/ MIN (2) NON EXPANDING SCREWS PER SIDE, MAX 1'-0" APART, TYP.
EXISTING DOUBLE PITCH JOIST WITH 1X6 SHEATHING, TYP.

NEW TAPERED INSULATION INFILL BETWEEN EXISTING DOUBLE PITCH JOIST TO CONTINUE ROOF SLOPE, VERIFY SLOPES AND QUANTITIES IN FIELD, TYP.

NEW 5/8" OSB SHEATHING, TYP.

1/2" HIGH DENSITY COVER BOARD FASTENED PER MFR RECOMMENDATIONS

TPO 60 MIL MEMBRANE FULLY ADHERED PER MFR RECOMMENDATIONS, TYP.

EXISTING STANDING SEAM METAL WALL PANELS BEYOND, TYP.

EXISTING STANDING SEAM TERMINATION STRIP, TYP.

1/2" HIGH DENSITY COVER BOARD FASTENED PER MFR RECOMMENDATIONS

TPO 60 MIL MEMBRANE FULLY ADHERED PER MFR RECOMMENDATIONS, TYP.

EXISTING FLASHING AT METAL PANEL, TYP.

EXISTING TRANSLUCENT PANEL, TYP.

EXISTING 2X8 RAFTERS, TYP.

EXISTING FRAMING, AND SOLID WOOD SHEATHING, TYP.

EXISTING OPENING, TYP.

EXISTING STRUCTURE, TYP.

A-502

A-503

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR

1806 West Broadway Boulevard
Sedalia, MO 65301 660.829.9751

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT DESIGN
AND CONSTRUCTION

REPLACE ROOFS & RENOVATE EXTERIOR, MULTIPLE ASSETS
MISSOURI STATE FAIRGROUNDS
2501 W. 16TH ST
SEDALIA, MO 65301

PROJECT # F1906-01
SITE # 1501
FACILITY #s: 3511501045 3511501041 3511501042

ENGINEERING CONSULTANTS

Timberlake Engineering
912 Old 63 South Columbia, MO 65201
phone 573.875.4365
www.timberlakeengineering.com

A-402

DETAIL SECTIONS

1/2" = 1'-0"

A-402

1 ROOF SECTION

A-402

2 CLERESTORY WALL DETAIL
1. Drain only occurs at north and south ends of Caufield Bldg. / Light Horse where internal roof height varies, typ.
2. Drain pipes at ground level are to have restrained / mechanical joint/ couplings, typ.
3. Proffered drain pipes at ground level are to have restrained / mechanical joint/ couplings, typ.
4. Smoother finish concrete cap slope to drain, typ.

**NOTES:**
- 1/4"/12" = 1'-0" at north and south ends of Caufield Bldg. / Light Horse.
- Smoother finish concrete cap slope to drain, typ.
- New 6" HDPE drain line beyond existing hole for drain pipe, make new penetration, grout around pipe, typ.
- Existing slab as required, typ.
- New footings, 1 1/2" round steel, round metal in footing, typ.
- New connections, typ.
- New 1 1/2" HDPE, use HDPE cleanout, typ.
- New 10" HDPE roof drain, make new penetration, grout around pipe, typ.
- New 8" nickel bronze lamb's tail overflow drain pipe, make new penetration, grout around pipe, typ.
**NOTES:**

1. REFER TO MANUFACTURER WEBSITE FOR MOST CURRENT INFORMATION.

2. ALUMINUM SECTION SHOULDS BE SHAPED PROPERLY TO ALLOW FOR BENDING BETWEEN ALUMINUM SECTIONS SHOULDS BE SHAPED PROPERLY.

3. REFER TO MANUFACTURER DETAILS.

4. REFER TO MANUFACTURER WEBSITE FOR FULLY ADHERED SYSTEMS.

5. REMOVE ALL EXISTING FLASHING, LEAD, RUST, GREASE, INSULATION, ETC.

6. REFER TO MANUFACTURER DETAILS FOR INSULATION TO REDUCE HEAT LOSS.

7. CUT EDGE SEALANT SHALL BE APPLIED TO ENTIRE EXPOSED EDGE.

8. CUT EDGE SEALANT (SEE NOTE #8), TYP.

---

**1.** HOT DIPPED GALVANIZED ROOF NAILS @ 1" (25 mm) O.C. MIN.

**2.** HOT DIPPED GALVANIZED ROOF NAILS @ 12" (305 mm) O.C. MAX.

**3.** HOT DIPPED GALVANIZED ROOF NAILS @ 6" (152 mm) O.C. MAX.

**4.** HOT DIPPED GALVANIZED ROOF NAILS @ 4" (102 mm) O.C. MAX.

**5.** HOT DIPPED GALVANIZED ROOF NAILS @ 8" (203 mm) O.C. MAX.

**6.** HOT DIPPED GALVANIZED ROOF NAILS @ 3" (76 mm) O.C. MAX.

**7.** HOT DIPPED GALVANIZED ROOF NAILS @ 2" (51 mm) O.C. MAX.

**8.** HOT DIPPED GALVANIZED ROOF NAILS @ 1" (25 mm) O.C. MAX.
POWER PLAN - HEAVY HORSE

GENERAL NOTES
3. PROVIDE 120/208V, 3 PHASE 4 WIRE, 200 AMP, 4 POLE MCB PANEL MOUNTED ON COLUMN. VERIFY PANEL IS MOUNTED CLEAR OF SLIDING STALL DOOR. SEE 'ELECTRIC PANEL ELEVATION #1', SHEET ED100 FOR METER, RECEPTACLE, FAN CONTROL, SWITCH, AND PANEL MOUNTING DETAILS.

4. PROVIDE NEW GROUND ROD, SEE 'POWER RISER #1', SHEET ED-100

5. PROVIDE EXTRA 3" CONDUIT WITH CAT 5 CONTROL CABLE (TO BE INSTALLED AS PART OF ALTERNATE #3). FAN STRUCTURE & FANS TO BE INSTALLED AS ALTERNATE #3.

6. PROVIDE 120/240V, SINGLE PHASE, 42 CIRCUIT, 400 AMP MCB PANEL SURFACE MOUNTED PANEL. VERIFY PANEL IS MOUNTED CLEAR OF SLIDING STALL DOOR. SEE 'ELECTRIC PANEL ELEVATION #2', SHEET ED-100 FOR METER, RECEPTACLE, FAN CONTROL, SWITCH, AND PANEL MOUNTING DETAILS.

7. PROVIDE JUNCTION BOXES (MOUNTED TO EXISTING BUILDING STRUCTURE AT 22'-0" AFF), CONDUIT, & CONDUCTORS ONLY FOR HIGH VOLUME LOW SPEED FANS. NEW FAN STRUCTURE & FANS TO BE INSTALLED AS ALTERNATE #3.

8. PROVIDE ALTERNATE PRICE TO INSTALL NEW 4 PLEX RECEPTACLE, NEW CONDUIT & CONDUCTORS ON EVERY ADDITIONAL 208V OUTLET TO PANEL 'P2'. SEE POWER RISER #1, SHEET ED-100.

9. PROVIDE WIRE DIPS FOR EXISTING DUPLEX RECEPTACLE & ASSOCIATED CONDUIT & CONDUCTORS. REPLACE WITH NEW 4 PLEX RECEPTACLE, NEW CONDUIT & CONDUCTORS FROM SERVICE ENTRANCE. PROVIDE WITH LEVITON SERIES 1000 BREAKERS.

10. PROVIDE NEW 4 PLEX RECEPTACLE, NEW CONDUIT & CONDUCTORS MOUNTED ON COLUMN. RECEPTACLE TO BE GFCI PROTECTED BY GFCI CIRCUIT BREAKERS.

11. PROVIDE VENTED, LOCKABLE THERMOSTAT GUARD TO PANEL 'P1'. RE-FEED WITH NEW CONDUIT & CONDUCTORS FROM SERVICE ENTRANCE. PROVIDE JUNCTION BOXES (MOUNTED TO EXISTING BUILDING STRUCTURE AT 22'-0" AFF), CONDUIT, & CONDUCTORS ONLY FOR HIGH VOLUME LOW SPEED FANS. NEW FAN STRUCTURE & FANS TO BE INSTALLED AS ALTERNATE #3.

KEY NOTES
1. REFER TO ED-100 FOR REMAINING POWER NOTES, LEGENDS, DETAILS & SCHEDULES.

2. EXISTING SOUND SYSTEM SPEAKERS AND ASSOCIATED WIRING TO REMAIN. IF REMOVAL & RELOCATION IS REQUIRED DUE TO ANY PORTION OF THE RENOVATION, GC SHALL REMOVE SPEAKERS & STORE IN A LOCATION ON SITE DETERMINED BY FAIRGROUNDS. DISCONNECTED WIRES FROM SPEAKERS SHALL BE COILED TO A LOCATION THAT WILL NOT BE DISRUPTED BY CONSTRUCTION & COORDINATED WITH THE MISSOURI STATE FAIRGROUNDS. MISSOURI STATE FAIRGROUNDS. WILL REINSTALL SPEAKERS & WIRE UPON COMPLETION OF THE PROJECT / WORK IN THE AREA.

3. PROVIDE LOCKABLE BOX/COVER FOR CONTROLS. TIMER-1 NIGHT CIRCUITS TIMER - 4 POLE 20 AMP, 120V, DISCONNECT PHONE / DATA CABLING TO BE PLENUM RATED. PHONE & DATA WIRING BY OWNER'S SUBCONTRACTOR.

4. DATA CABLING TO BE CAT6.
KEY NOTES

1. REFER TO ED-100 FOR REMAINING POWER NOTES, LEGENDS, DETAILS & SCHEDULES

2. EXISTING SOUND SYSTEM SPEAKERS AND ASSOCIATED WIRING TO REMAIN. IF REMOVAL & RELOCATION IS REQUIRED DUE TO ANY PORTION OF THE RENOVATION, GC SHALL REMOVE SPEAKERS & STORE IN A LOCATION ON SITE DETERMINED BY FAIRGROUNDS WILL REINSTALL SPEAKERS & WIRE UPON COMPLETION OF THE PROJECT / WORK IN THE AREA.

3. ALL RECEPTACLES TO BE GFCI PROTECTED BY GFCI CIRCUIT BREAKERS

POWER PLAN - CAULFIELD BLDG.

KEY PLAN

POWER PLAN - LIGHT HORSE

STATE OF MISSOURI
MICHAEL L. PARSON
GOVERNOR
POWER PLAN - LIGHT HORSE

KEY NOTES

1. REFER TO ED-100 FOR REMAINING POWER NOTES, LEGENDS, DETAILS & SCHEDULES
2. EXISTING SOUND SYSTEM SPEAKERS AND ASSOCIATED WIRING TO REMAIN. IF REMOVAL & RELOCATION IS REQUIRED DUE TO ANY PORTION OF THE RENOVATION, GC SHALL REMOVE SPEAKERS & STORE IN A LOCATION ON SITE DETERMINED BY FAIRGROUNDS. DISCONNECTED WIRES FROM SPEAKERS SHALL BE COILED TO A LOCATION THAT WILL NOT BE DISRUPTED BY CONSTRUCTION & COORDINATED WITH THE MISSOURI STATE FAIRGROUNDS. MISSOURI STATE FAIRGROUNDS WILL REINSTALL SPEAKERS & WIRE UPON COMPLETION OF THE PROJECT / WORK IN THE AREA.
3. REMOVE EXISTING DUPLEX RECEPTACLE & ASSOCIATED CONDUIT & CONDUCTORS. REPLACE WITH NEW DUPLEX RECEPTACLE, NEW CONDUIT, & NEW CONDUCTORS MOUNTED TO COLUMN. RECEPTACLE TO BE GFCI PROTECTED BY GFCI CIRCUIT BREAKER.
4. PROVIDE ALTERNATE PRICE TO INSTALL NEW 4 PLEX RECEPTACLE, NEW CONDUIT, AND NEW CONDUCTORS ON EACH ADDITIONAL COLUMN WITHOUT AN EXISTING DUPLEX. (ALTERNATE # 2). RECEPTACLE TO BE GFCI PROTECTED BY GFCI CIRCUIT BREAKER.
5. REPLACE ROOFS & RENOVATE EXTERIOR, MULTIPLE ASSETS. MISSOURI STATE FAIRGROUNDS. DISCONNECTED WIRES FROM SPEAKERS SHALL BE COILED TO A LOCATION THAT WILL NOT BE DISRUPTED BY CONSTRUCTION & COORDINATED WITH THE MISSOURI STATE FAIRGROUNDS. MISSOURI STATE FAIRGROUNDS. RE-FEED OVERHEAD CONDUCTORS FROM EXISTING POLE-MOUNTED TRANSFORMER TO NEW WEATHERHEAD. SEE POWER RISER # 2, SHEET ED-100.
6. REMOVE EXISTING CONDUIT & CONDUCTORS FROM SERVICE ENTRANCE. PROVIDE WITH LEVITON SERIES 1000 SUB-METER, MODEL # 1K240-2W OF EQUAL (SEE SPECIFICATION FOR ACCEPTABLE EQUALS). SEE POWER RISER #2, SHEET ED-100 FOR DETAILS. SEE 'ELECTRIC PANEL FROM SERVICE ENTRANCE. REPLACE WITH NEW 120/240V, SINGLE PHASE, 225 AMP MCB 42 CIRCUIT PANEL 'P3', RE-FEED WITH NEW CONDUIT TO PANEL. SEE POWER RISER #2, SHEET ED-100 FOR CONDUCTOR SIZES & DETAILS.
7. T1-FAN CONTROLLER TO BE PROVIDED WITH VENTED, LOCKABLE THERMOSTAT GUARD.
8.新 2 OF 2 SHEET 4
9.新 3 OF 2 SHEET 4
## GENERAL NOTES

1. REFER TO ED-100 FOR REMAINING LIGHTING NOTES, LEGENDS, DETAILS & SCHEDULES

2. ALL EMERGENCY, EXIT, AND NIGHT LIGHTS TO BE UN-SWITCHED, WIRED ON CIRCUIT WITHIN SAME ROOM. \[ ISSUED 07/26/2019 \]

### KEY NOTES

- REMOVE EXISTING EXTERIOR LIGHT FIXTURE & ASSOCIATED CONDUIT & CONDUCTORS. REPLACE AT SAME LOCATION (1 FOR 1) WITH NEW LED EXTERIOR LIGHT FIXTURE, NEW CONDUIT & CONDUCTORS. WIRE THRU TIMER 'T1' AND PHOTOCELL MOUNTED ON NORTH SIDE OF BUILDING. SEE 'EXTERIOR LIGHTING CONTROL DETAIL', SHEET ED-100.

- REMOVE EXISTING 8'-0" SURFACE MOUNTED LIGHT FIXTURE & ASSOCIATED CONDUIT & CONDUCTORS. REPLACE AT SAME LOCATION (1 FOR 1) WITH NEW 8'-0" LED SURFACE MOUNTED LIGHT FIXTURE, NEW CONDUIT & CONDUCTORS.

- REMOVE EXISTING 4'-0" WALL MOUNTED LIGHT FIXTURE & ASSOCIATED CONDUIT & CONDUCTORS. REPLACE AT SAME LOCATION (1 FOR 1) WITH NEW 4'-0" LED WALL MOUNTED LIGHT FIXTURE, NEW CONDUIT & CONDUCTORS.

- ALTERNATE # 3. INSTALL HIGH VOLUME LOW SPEED FANS, BAF MODEL #PFX3-14 (OR EQUAL, SEE SPECS FOR LIST OF ACCEPTABLE MANUFACTURERS), MOUNTED AT 22'-0" A.F.F.

- REMOVE EXISTING LIGHT SWITCHES & ASSOCIATED CONDUIT & CONDUCTORS. MOUNT NEW LIGHT SWITCHES (WITH NEW CONDUIT & CONDUCTORS) AT EXISTING SWITCH LOCATION ON COLUMN.

### LIGHTING SCHEDULE

<table>
<thead>
<tr>
<th>No.</th>
<th>Location</th>
<th>Model/Description</th>
<th>Qty</th>
<th>WHT/HR</th>
<th>V/LW</th>
<th>LBC/FR</th>
<th>SCR</th>
<th>LAMPS</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>51105-3006-1000</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>51105-3006-1001</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>51105-3006-1002</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### KEY PLAN

- LIGHTING PLAN - HEAVY HORSE

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'

### LIGHTING PLAN - HEAVY HORSE

- SCALE: 1/8" = 1'
**KEY PLAN**

1. **REMOVE EXISTING 8'-0" SURFACE MOUNTED LIGHT FIXTURE & ASSOCIATED CONDUIT & CONDUCTORS. REPLACE AT SAME LOCATION (1 FOR 1) WITH NEW 8'-0" LED SURFACE MOUNTED LIGHT FIXTURE, NEW CONDUIT & CONDUCTORS.**

2. **REMOVE EXISTING 4'-0" WALL MOUNTED LIGHT FIXTURE & ASSOCIATED CONDUIT & CONDUCTORS. REPLACE AT SAME LOCATION (1 FOR 1) WITH NEW 4'-0" LED WALL MOUNTED LIGHT FIXTURE, NEW CONDUIT & CONDUCTORS.**

3. **REMOVE EXISTING EXTERIOR LIGHT FIXTURE & ASSOCIATED CONDUIT & CONDUCTORS. REPLACE AT SAME LOCATION (1 FOR 1) WITH NEW LED EXTERIOR LIGHT FIXTURE, NEW CONDUIT & CONDUCTORS.**

4. **REMOVE EXISTING LIGHT SWITCHES & ASSOCIATED CONDUIT & CONDUCTORS. MOUNT NEW LIGHT SWITCHES (WITH NEW CONDUIT & CONDUCTORS) AT EXISTING SWITCH LOCATION ON BRICK WALL.**

**GENERAL NOTES**

1. REFER TO ED-100 FOR REMAINING LIGHTING NOTES, LEGENDS, DETAILS & SCHEDULES

2. ALL EMERGENCY, EXIT, AND NIGHT LIGHTS TO BE UN-SWITCHED, WIRED ON CIRCUIT WITHIN SAME ROOM.
**GENERAL NOTES**

1. REFER TO ED-100 FOR REMAINING LIGHTING NOTES, LEGENDS, DETAILS & SCHEDULES

2. ALL EMERGENCY, EXIT, AND NIGHT LIGHTS TO BE UNSWITCHED, WIRED ON CIRCUIT WITHIN SAME ROOM.

**KEY NOTES**

1. REMOVE EXISTING 8'-0" SURFACE MOUNTED LIGHT FIXTURE & ASSOCIATED CONDUIT & CONDUCTORS. REPLACE AT SAME LOCATION (1 FOR 1) WITH NEW 8'-0" LED SURFACE MOUNTED LIGHT FIXTURE, NEW CONDUIT & CONDUCTORS.

2. REMOVE EXISTING 4'-0" WALL MOUNTED LIGHT FIXTURE & ASSOCIATED CONDUIT & CONDUCTORS. REPLACE AT SAME LOCATION (1 FOR 1) WITH NEW 4'-0" LED WALL MOUNTED LIGHT FIXTURE, NEW CONDUIT & CONDUCTORS.

3. REMOVE EXISTING CEILING FAN & ASSOCIATED SWITCHES, CONDUITS, & CONDUCTORS. REPLACE WITH NEW CEILING FAN (MINKA AIRE MODEL #F566-WH OR EQUAL), NEW SWITCH, SURFACE MOUNTED EMT CONDUIT, & CONDUCTORS.

4. REMOVE EXISTING 4'-0" SURFACE MOUNTED LIGHT FIXTURE, SWITCHES, & ASSOCIATED CONDUIT & CONDUCTORS. REPLACE WITH NEW 4'-0" LED SURFACE MOUNTED FIXTURES, NEW SWITCH, NEW SURFACE MOUNTED EMT CONDUIT, & NEW CONDUCTORS.

5. REMOVE EXISTING EXTERIOR LIGHT FIXTURE & ASSOCIATED CONDUIT & CONDUCTORS. REPLACE AT SAME LOCATION (1 FOR 1) WITH NEW LED EXTERIOR LIGHT FIXTURE, NEW CONDUIT & CONDUCTORS. WIRE THRU TIMER 'T1' AND PHOTOCELL MOUNTED ON NORTH SIDE OF BUILDING. SEE 'EXTERIOR LIGHTING CONTROL DETAIL', SHEET ED-100.

6. REMOVE EXISTING LIGHT SWITCHES & ASSOCIATED CONDUIT & CONDUCTORS. MOUNT NEW LIGHT SWITCHES (WITH NEW SURFACE MOUNTED EMT CONDUIT & CONDUCTORS) AT EXISTING SWITCH LOCATION ON EXTERIOR OF VET OFFICE WALL.

7. ALTERNATE # 3. INSTALL HIGH VOLUME, LOW SPEED FANS, BAF MODEL #PFX3-14 (OR EQUAL, SEE SPECS FOR LIST OF ACCEPTABLE MANUFACTURERS) MOUNTED AT 22'-0" A.F.F.