Replace Roofs & Renovate Building
Sheep Pavilion
Missouri State Fairgrounds
Sedalia, Missouri

DESIGNER: SBW/Esser Architects, LLC
1409 WEST BROADWAY
SEDALIA, MO 65301
660-620-0453
MO State Certificate of Authority #2015 040 655

MEP ENGINEER: Ronald J. Poehlmann P.E. #E-026425
421 West 1st Street
Houstonia, MO 65333

CIVIL/STRUCTURAL ENGINEER: Zimmerman Engineering, Inc.
1704 Payne Drive
Jefferson City, MO 95101-2336

PROJECT NUMBER: F1907-01
SITE NUMBER: 1501
ASSET NUMBER: 3511501036
STATE OF MISSOURI

SHEET KEYNOTES C-101

1. SITE PLAN EXISTING

2. EXISTING STRUCTURE TO BE RELOCATED AS REQUIRED FOR SITEWORK

3. EXISTING/DEMO

4. LIMITS OF SITE SURVEY

5. LIMITS OF CONSTRUCTION

6. EXISTING/EXISTING POWER LINE AND PANEL SEE ELECTRICAL

7. DEMO OVERHEAD LINE.

8. DEMO TRANSFORMER AND POLE

9. RELOCATE EXISTING TRANSFORMER AND POLE (SEE ELECTRICAL)

10. ALTERNATE 1 DEMO BUILDING AND SLAB. REBUILD STRUCTURE

11. DEMO EXISTING CONCRETE PAD AND BOLLARDS

12. PROJECT BENCMARK TOP OF MANHOLE COVER

13. EXISTING BUILDING TO REMAIN AND BE PRESERVED

14. DEMO EXISTING TRANSFORMER, POLE AND PANEL TO REMAIN AND BE PRESERVED (SEE ELECTRICAL)

15. IN GROUND WATER SUPPLY VALVE TO STAY.

16. IN GROUND WATER SUPPLY VALVE AND MANHOLE TO BE REMOVED.

17. OVERHEAD 2" WATER SUPPLY. REMOVE FROM CENTER OF PAVILION TO EXISTING MENS RESTROOM. CAP AT CENTER OF PAVILION.

18. SHEEP PAVILION

LEGEND

- OFF SITE STRUCTURE
- EXISTING STRUCTURE TO REMAIN
- 6" GRAVEL DRIVE
- RENOVATED BUILDING
- NEW CONCRETE SLAB
- REPLACE ROOFS & RENOVATE STOCK PENS

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION
DEPARTMENT OF AGRICULTURE

MISSOURI STATE FAIRGROUNDS
SEDALIA, MISSOURI 65301

PROJECT # F1907-01
SITE # 1901
ASSET # 55111001056

REVISION: 1
ISSUE DATE: AUG 01, 2019
CAD FILE: KXH

CHECKED BY: GFE

REVISION: 1
DATE: AUG 01, 2019

SHEET TITLE: SITE PLAN

SHEET NUMBER: C-101
AUG 01, 2019
**Sheet Keynotes Demo**

- **1** Saw and Demo Existing Concrete
- **2** Existing Control Joint Type
- **3** Existing Expansion Joint Type
- **4** Alternate 1 Demo Building and Slab
- **5** Demo Existing Fans
- **6** No Changes to Existing Bath Structure
- **7** Remove All Paint and Rust from Existing Mainframes
- **8** Remove Entire 2 Story Structure in This Area including Walls, Fixtures, Stairs, Roof Structure, Slab Footings.
- **9** Remove Existing Rigid Mainframe Columns and Roof Purlins. Salvage Repurpose for use in Alternate 1 if accepted. Demo Column Footings
- **10** Demo All Roofing, Guttering, Flashing, Fasteners, Skylights, and Roofing Accessories not used

**Demolition Legend**

- **A** - Existing Structures
- **B** - Existing Foundations
- **C** - Existing Utilities
- **D** - Existing Tree Lines
- **E** - Existing Property Lines
- **F** - Existing Property Lines

**Key Plan**

- **Zone 1**
- **Zone 2**
- **Zone 3**
- **Zone 4**

**Sheet Title:** LEVEL 1 EXIST/DEMO PLAN

**Project #:** F1907-01
**Site #:** 1001
**Asset #:** 3511501036

**Issue Date:** August 01, 2019

**Drawn By:**

**Checked By:**

**Designed By:**

**State of Missouri**
**Michael L. Parson,**
**Governor**

**Office of Administration**
**Division of Facilities Management, Design and Construction**

**Replace Roofs & Renovate Stock Pens Sheep Pavilion**

**Missouri State Fairgrounds**
**Medalia, Missouri 65301**

**KXH GFE GFE**

**Sheet Title:** LEVEL 1

**Sheet Number:** A-101

**Drawing Date:** August 01, 2019

**CAD File:**

**Drawn By:**

**Checked By:**

**Designed By:**

**SHEET TITLE:**

**SHEET NUMBER:**
1. SAW AND DEMO EXISTING CONCRETE
2. EXISTING CONTROL JOINT TYPE
3. EXISTING EXPANSION JOINT TYPE
4. ALTERNATE 1 DEMO BUILDING AND SLAB
5. DEMO EXISTING FANS
6. NO CHANGES TO EXISTING BATH STRUCTURE
7. REMOVE ALL PAINT AND RUST FROM EXISTING MAINFRAMES
8. REMOVE ENTIRE 2 STORY STRUCTURE IN THIS AREA INCLUDING WALLS, FIXTURES, STAIRS, ROOF STRUCTURE, SLAB FOOTINGS.
9. REMOVE EXISTING RIGID MAIN FRAME COLUMNS AND ROOF PURLINS SALVAGE REPURPOSE FOR USE IN ALTERNATE 1 IF ACCEPTED. DEMO COLUMN FOOTINGS
10. DEMO ALL ROOFING, GUTTERING, FLASHING, FASTENERS, SKYLIGHTS, AND ROOFING ACCESSORIES

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

ASURE PLAN - ZONE 1

LEVEL 1 EXIST/DEMO PLAN - ZONE 1

1/8" = 1'-0"
LEVEL 1 EXIST/DEMO PLAN - ZONE 2

DEMO/CONTROL JOINT TYP
EXISTING EXPANSION JOINT TYP
EXISTING CONTROL JOINT TYP
EXISTING EXPANSION JOINT TYP

EXIST/DEMO PLAN - ZONE 2

KEY PLAN

SHEET KEYNOTES DEMO

1. SAW AND DEMO EXISTING CONCRETE
2. EXISTING CONTROL JOINT TYP
3. EXISTING EXPANSION JOINT TYP
4. ALTERNATE 1 DEMO BUILDING AND SLAB
5. DEMO EXISTING FANS

6. NO CHANGES TO EXISTING BATH STRUCTURE
7. REMOVE ALL PAINT AND RUST FROM EXISTING MAINFRAMES
8. REMOVE ENTIRE 2 STORY STRUCTURE IN THIS AREA INCLUDING WALLS, FIXTURES, STAIRS, ROOF STRUCTURE, SLAB FOOTINGS.
9. REMOVE EXISTING RIGID MAIN FRAME COLUMNS AND ROOF PURLINS SALVAGE REPURPOSE FOR USE IN ALTERNATE 1 IF ACCEPTED. DEMO COLUMN FOOTINGS
10. DEMO ALL ROOFING, GUTTERING, FLASHING, FASTENERS, SKYLIGHTS, AND ROOFING ACCESSORIES

11. NOT USED
12. NOT USED
13. NOT USED
14. NOT USED
15. NOT USED
16. NOT USED
1 SAW AND DEMO EXISTING CONCRETE
2 EXISTING CONTROL JOINT TYPE
3 EXISTING EXPANSION JOINT TYPE
4 ALTERNATE 1 DEMO BUILDING AND SLAB
5 DEMO EXISTING FANS
6 NO CHANGES TO EXISTING BATH STRUCTURE
7 REMOVE ALL PAINT AND RUST FROM EXISTING MAINFRAMES
8 REMOVE ENTIRE 2 STORY STRUCTURE IN THIS AREA INCLUDING WALLS, FIXTURES, STAIRS, ROOF STRUCTURE, SLAB FOOTINGS.
9 REMOVE EXISTING RIGID MAIN FRAME COLUMNS AND ROOF PURLINS SALVAGE REPURPOSE FOR USE IN ALTERNATE 1 IF ACCEPTED. DEMO COLUMN FOOTINGS
10 DEMO ALL ROOFING, GUTTERING, FLASHING, FASTENERS, SKYLIGHTS, AND ROOFING ACCESSORIES
11 NOT USED
12 NOT USED
13 NOT USED

EXIST/DEMO PLAN - ZONE 3

LEVEL 1

PROJECT #: F1907-01
SITE #: 1901
ASSET #: 3511501036

REVISION: DATE:

ISSUE DATE: AUG 01, 2019

DRAWN BY: CHECKED BY: DESIGNED BY:

SHEET TITLE: LEVEL 1 EXIST/DEMO PLAN - ZONE 3

SHEET NUMBER: A-104

STATE OF MISSOURI
MICHAEL L. PARSON,
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George F. Esser, Architect MO #004231

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION
DEPARTMENT OF AGRICULTURE

REPLACE ROOFS & RENOVATE STOCK PENS SHEEP PAVILION
MISSOURI STATE FAIRGROUNDS
SEDALIA, MISSOURI 65301

1/8" = 1'-0"
EXISTING CONTROL JOINT
EXISTING EXPANSION JOINT
SAW AND DEMO EXISTING CONCRETE

1 SAW AND DEMO EXISTING CONCRETE
2 EXISTING CONTROL JOINT TYP
3 EXISTING EXPANSION JOINT TYP
4 ALTERNATE 1 DEMO BUILDING AND SLAB
5 DEMO EXISTING FANS
6 NO CHANGES TO EXISTING BATH STRUCTURE
7 REMOVE ALL PAINT AND RUST FROM EXISTING MAINFRAMES
8 REMOVE ENTIRE 2 STORY STRUCTURE IN THIS AREA INCLUDING WALLS, FIXTURES, STAIRS, ROOF STRUCTURE, SLAB FOOTINGS.
9 REMOVE EXISTING RIGID MAIN FRAME COLUMNS AND ROOF PURLINS SALVAGE REPURPOSE FOR USE IN ALTERNATE 1 IF ACCEPTED. DEMO COLUMN FOOTINGS
10 DEMO ALL ROOFING, GUTTERING, FLASHING, FASTENERS, SKYLIGHTS, AND ROOFING ACCESSORIES

NO CHANGES TO EXISTING BATH STRUCTURE
REMOVE ALL PAINT AND RUST FROM EXISTING MAINFRAMES
REMOVE ENTIRE 2 STORY STRUCTURE IN THIS AREA INCLUDING WALLS, FIXTURES, STAIRS, ROOF STRUCTURE, SLAB FOOTINGS.
REMOVE EXISTING RIGID MAIN FRAME COLUMNS AND ROOF PURLINS SALVAGE REPURPOSE FOR USE IN ALTERNATE 1 IF ACCEPTED. DEMO COLUMN FOOTINGS
DEMO ALL ROOFING, GUTTERING, FLASHING, FASTENERS, SKYLIGHTS, AND ROOFING ACCESSORIES

EXIST/DEMO PLAN - ZONE 4
STATE OF MISSOURI  
MICHAEL L. PARSON,
GOVERNOR

George F. Esser, Architect  
MO #004231

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MANAGEMENT,  
DESIGN AND  
CONSTRUCTION  
DEPARTMENT OF  
AGRICULTURE

REPLACE ROOFS &  
RENOVATE STOCK PENS  
SHEEP PAVILION  
MISSOURI STATE FAIRGROUNDS  
SEDALIA, MISSOURI  
65301

PROJECT #:  F1907-01  
SITE #:  1501  
ASSET #:  3511501036

SHEET KEYNOTES DEMO

1. ACT USED  
2. ACT USED  
3. ACT USED  
4. ACT USED  
5. ACT USED

1. SAW AND DEMO EXISTING CONCRETE  
2. EXISTING CONTROL JOINT TYP  
3. EXISTING EXPANSION JOINT TYP  
4. ALTERNATE 1 DEMO BUILDING AND SLAB  
5. DEMO EXISTING FANS  
6. NO CHANGES TO EXISTING BATH STRUCTURE  
7. REMOVE ALL PAINT AND RUST FROM EXISTING MAINFRAMES  
8. REMOVE ENTIRE 2 STORY STRUCTURE IN THIS AREA INCLUDING WALLS, FIXTURES, STAIRS, ROOF STRUCTURE, SLAB FOOTINGS.  
9. REMOVE EXISTING RIGID MAIN FRAME COLUMNS AND ROOF PURLINS SALVAGE REPURPOSE FOR USE IN ALTERNATE 1 IF ACCEPTED. DEMO COLUMN FOOTINGS  
10. DEMO ALL ROOFING, GUTTERING, FLASHING, FASTENERS, SKYLIGHTS, AND ROOFING ACCESSORIES

SHEET #: A-106  
DATE: AUG 01, 2019  
SCALE: 1/16" = 1'-0"
Sheet Keynotes Demo:

1. Saw and demo existing concrete
2. Existing control joint type
3. Existing expansion joint type
4. Alternate 1 demo building and slab
5. Demo existing fans
6. No changes to existing bath structure
7. Remove all paint and rust from existing mainframes
8. Remove entire 2-story structure in this area including walls, fixtures, stairs, roof structure, slab footings.
9. Remove existing rigid main frame columns and roof purlins salvage repurpose for use in alternate 1 if accepted, demo column footings
10. Demo all roofing, gutters, flashing, fasteners, lights, and roofing accessories
SHEET KEYNOTES NEW WORK

1. NEW 6" REINFORCED CONCRETE SLAB
2. EXISTING CONTROL JOINT TYP
3. EXISTING EXPANSION JOINT TYP
4. ALTERNATE 1 NEW STEEL BUILDING AND SLAB
5. NEW CONTROL JOINT TYP
6. NO CHANGES TO EXISTING BATH STRUCTURE
7. RE-SQUARE AND PLUMB COLUMNS. RE-TORQUE ALL FASTENERS AND BRACES TO EXISTING HARDWARE SPECIFICATIONS. PRIME AND PAINT PER SPECIFICATIONS
8. NEW BUILDING, SEE A-411 FOR DETAILS
9. ALTERNATE 1 REUSE EXISTING RIGID MAIN FRAME COLUMNS AND ROOF PURLINS REMOVED AND RE-CONFIGURED FOR NEW WASH BLDG.
10. NEW 3' X 4' X 6" CONCRETE PAD WITH 6" PIPE BOLLARDS
11. 12" SCH 40 PVC DOWNSPOUT FROM SCUPPER TO STORM WATER SYSTEM TYP
12. EXISTING STRUCTURE TO REMAIN IF ALTERNATE 1 IS NOT ACCEPTED.
13. 16" CMP SLOT DRAIN

CONCRETE LEGEND
- = REINFORCED CONCRETE
- = CONTROL JOINT
- = EXPANSION JOINT

LEVEL 1 FLOOR PLAN - ZONE 1
1 NEW 6" REINFORCED CONCRETE SLAB
2 EXISTING CONTROL JOINT TYP
3 EXISTING EXPANSION JOINT TYP
4 ALTERNATE 1 NEW STEEL BUILDING AND SLAB
5 NEW CONTROL JOINT TYP
6 NO CHANGES TO EXISTING BATH STRUCTURE
7 RE-SQUARE AND PLUMB COLUMNS. RE-TORQUE ALL FASTENERS AND BRACES TO EXISTING HARDWARE SPECIFICATIONS. PRIME AND PAINT PER SPECIFICATIONS
8 NEW BUILDING, SEE A-411 FOR DETAILS
9 ALTERNATE 1 REUSE EXISTING RIGID MAIN FRAME COLUMNS AND ROOF PURLINS REMOVED AND RE-CONFIGURED FOR NEW WASH BLDG.
10 NEW 3' X 4' X 6" CONCRETE PAD WITH 6" PIPE BOLLARDS
11 12" SCH 40 PVC DOWNSPOUT FROM SCUPPER TO STORM WATER SYSTEM TYP
12 EXISTING STRUCTURE TO REMAIN IF ALTERNATE 1 IS NOT ACCEPTED.
13 16" CMP SLOT DRAIN
STATE OF MISSOURI

CONCRETE LEGEND

SHEET KEYNOTES NEW WORK

NEW 6" REINFORCED CONCRETE SLAB
EXISTING CONTROL JOINT
EXISTING EXPANSION JOINT
NEW CONTROL JOINT
NEW CONTROL JOINT
EXISTING EXPANSION JOINT
NEW CONTROL JOINT
EXISTING EXPANSION JOINT
NEW CONTROL JOINT
EXISTING EXPANSION JOINT

NO CHANGES TO EXISTING BATH STRUCTURE
RE-SQUARE AND PLUMB COLUMNS. RE-TORQUE ALL FASTENERS AND BRACES TO EXISTING HARDWARE SPECIFICATIONS. PRIME AND PAINT PER SPECIFICATIONS.

NEW BUILDING, SEE A-411 FOR DETAILS

ALTERNATE 1 REUSE EXISTING RIGID MAIN FRAME

MATCHLINE

LEVEL 1 FLOOR PLAN - ZONE 3
SHEET KEYNOTES NEW WORK
1. NEW 6" REINFORCED CONCRETE SLAB
2. EXISTING CONTROL JOINT TYP
3. EXISTING EXPANSION JOINT TYP
4. ALTERNATE 1: NEW STEEL BUILDING AND SLAB
5. NEW CONTROL JOINT TYP
6. NO CHANGES TO EXISTING BATH STRUCTURE
7. RE-SQUARE AND PLUMB COLUMNS. RE-TORQUE ALL FASTENERS AND BRACES TO EXISTING HARDWARE SPECIFICATIONS. PRIME AND PAINT PER SPECIFICATIONS.
8. NEW BUILDING, SEE A-411 FOR DETAILS
9. ALTERNATE 1: REUSE EXISTING RIGID MAIN FRAME COLUMNS AND ROOF PURLINS REMOVED AND RE-CONFIGURED FOR NEW WASH BLDG.
10. NEW 3' X 4' X 6" CONCRETE PAD WITH 6" PIPE BOLLARDS
11. 12" SCH 40 PVC DOWNSPOUT FROM SCUPPER TO STORM WATER SYSTEM TYP
12. EXISTING STRUCTURE TO REMAIN IF ALTERNATE 1 IS NOT ACCEPTED.
13. 16" CMP SLOT DRAIN

CONCRETE LEGEND
- NEW CONCRETE
- EXISTING CONTROL JOINT
- ALTERNATE CONTROL JOINT
- EXISTING EXPANSION JOINT

LEVEL 1 FLOOR PLAN - ZONE 4

REVISION: DATE:
STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR
George F. Esser, Architect
MO #004231
OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION
DEPARTMENT OF AGRICULTURE
REPLACE ROOFS & RENOVATE STOCK PENS
SHEEP PAVILION
MISSOURI STATE FAIRGROUNDS
MEDALIA, MISSOURI 65301
PROJECT #: F1907-01
SITE #: 1501
ASSET #: 3511501036
STATE OF MISSOURI
MICHAEL L. PARSON,
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George F. Esser, Architect
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OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION
DEPARTMENT OF AGRICULTURE

REPLACE ROOFS & RENOVATE STOCK PENS SHEEP PAVILION

MISSOURI STATE FAIRGROUNDS
MEDALIA, MISSOURI 65301

PROJECT #: F1907-01
SITE #: 1501
ASSET #: 3511501036

LEVEL 2 FLOOR PLAN

SHEET KEYNOTES NEW WORK

1 NEW 6" REINFORCED CONCRETE SLAB
2 EXISTING CONTROL JOINT TYPE
3 EXISTING EXPANSION JOINT TYPE
4 ALTERNATE 1 NEW STEEL BUILDING AND SLAB
5 NEW CONTROL JOINT TYPE
6 NO CHANGES TO EXISTING BATH STRUCTURE
7 RE-SQUARE AND PLUMB COLUMNS. RE-TORQUE ALL FASTENERS AND BRACES TO EXISTING HARDWARE SPECIFICATIONS. PRIME AND PAINT PER SPECIFICATIONS
8 NEW BUILDING, SEE A-411 FOR DETAILS
9 ALTERNATE 1 REUSE EXISTING RIGID MAIN FRAME COLUMNS AND ROOF PURLINS REMOVED AND RE-CONFIGURED FOR NEW WASH BLDG.
10 NEW 3' X 4' X 6" CONCRETE PAD WITH 6" PIPE BOLLARDS
11 12" SCH 40 PVC DOWNSPOUT FROM SCUPPER TO STORM WATER SYSTEM TYPE
12 EXISTING STRUCTURE TO REMAIN IF ALTERNATE 1 IS NOT ACCEPTED.
13 16" CMP SLOT DRAIN

NOT USED

SHEET NUMBER: A-116

ISSUE DATE: AUG 01, 2019

SHEET TITLE: LEVEL 2 FLOOR PLAN

DRAWN BY:
CHECKED BY:
DESIGNED BY:

PLANNED 10TH SHEET
AUG 01, 2019
GUTTER DETAIL
RAKE TRIM DETAIL
DUAL SLOPE GUTTER SECTION

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR

George F. Esser, Architect
MO #004231

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION
DEPARTMENT OF AGRICULTURE
REPLACE ROOFS & RENOVATE STOCK PENS SHEEP PAVILION
MISSOURI STATE FAIRGROUNDS MEDALIA, MISSOURI 65301

PROJECT #: F1907-01
SITE #: 1901
ASSET #: 5515001056

REV: 1
ISSUE DATE: AUG 01, 2019

CAD FILE: A-117
DRAWN BY: KXH
CHECKED BY: GFE
DESIGNED BY: GFE
SHEET TITLE: ROOF PLAN
SHEET NUMBER: A-117

NOTE: GUTTERS TO BE FORMED OF 18GA GAUGED GALVANIZED STEEL. NOTE: GUTTERS TO BE FORMED OF 16GA GALV SHEET METAL SECTIONS. 4" OVERLAPS TO BE RIVETED 2" OC. ENTIRE LENGTH TO HAVE TPO LAMINATED OVER BEFORE METAL ROOFING IS APPLIED.

NEW WORK ROOF PLAN

1. PRE-PAINTED STANDING SEAM ROOF GUTTER, LOW PROFILE VENTED RIDGE, AND TRIM
2. PRE-PAINTED SEAMLESS STANDING SEAM ROOF GUTTER, LOW PROFILE VENTED RIDGE, AND TRIM
3. PRE-PAINTED GUTTER SYSTEM
4. PRE-PAINTED TRIM SYSTEM
5. PRE-PAINTED ROOF SHEET METAL
6. PRE-PAINTED SEAMLESS ROOF SHEET METAL
7. PRE-PAINTED FLASHING
8. PRE-PAINTED ROOF SHEET METAL
9. PRE-PAINTED SEAMLESS ROOF SHEET METAL
10. PRE-PAINTED SEAMLESS ROOF SHEET METAL
11. PRE-PAINTED SEAMLESS ROOF SHEET METAL
12. PRE-PAINTED SEAMLESS ROOF SHEET METAL
13. PRE-PAINTED SEAMLESS ROOF SHEET METAL
14. PRE-PAINTED SEAMLESS ROOF SHEET METAL

12"X18" SCUPPER BEYOND 12" DIA, PVC DOWNSPOUT BEYOND 6"

NOTE: GUTTER TO BE FORMED OF 16GA GALV SHEET METAL SECTIONS. 4" OVERLAPS TO BE RIVETED 2" OC. ENTIRE LENGTH TO HAVE TPO LAMINATED OVER BEFORE METAL ROOFING IS APPLIED.

12"X18" SCUPPER BEYOND 12" DIA, PVC DOWNSPOUT BEYOND 6"

NOTE: GUTTER TO BE FORMED OF 16GA GALV SHEET METAL SECTIONS. 4" OVERLAPS TO BE RIVETED 2" OC. ENTIRE LENGTH TO HAVE TPO LAMINATED OVER BEFORE METAL ROOFING IS APPLIED.

12"X18" SCUPPER BEYOND 12" DIA, PVC DOWNSPOUT BEYOND 6"

NOTE: GUTTER TO BE FORMED OF 16GA GALV SHEET METAL SECTIONS. 4" OVERLAPS TO BE RIVETED 2" OC. ENTIRE LENGTH TO HAVE TPO LAMINATED OVER BEFORE METAL ROOFING IS APPLIED.

12"X18" SCUPPER BEYOND 12" DIA, PVC DOWNSPOUT BEYOND 6"

NOTE: GUTTER TO BE FORMED OF 16GA GALV SHEET METAL SECTIONS. 4" OVERLAPS TO BE RIVETED 2" OC. ENTIRE LENGTH TO HAVE TPO LAMINATED OVER BEFORE METAL ROOFING IS APPLIED.
EXIST/DEMO WEST ELEVATION

EXIST/DEMO EAST ELEVATION
Sheets: 1/8" = 1'-0"

Sheet Keynotes ELEV/SEC:

1. Pre-painted aluminum louvers typ
2. Pre-painted parapet cap over EIFS trim
3. EIFS signage 1" projection top tapered up to wall min 5% Arial Black font
4. EIFS system on 6" steel stud framing @ 24" oc. typ
5. 12" Sch 40 PVC downsput and scupper to storm water system typ
6. 6" pipe bollard filled with concrete typ
7. 6" dia pre-painted downsput from gutter to storm water system typ
8. Pre-painted gutter and trim
9. Re-square and plumb columns. Re-torque all fasteners and braces to existing hardware specifications. Prime and paint per specifications.
10. Painted steel siding and trim typ
11. See sheet A-421 for elevation details for new building
12. Pre-painted seaml ess standing seam roof gutter, low profile vented ridge, and trim typ

NOT USED:

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EXIST/DEMO SECTION 1

1. EXIST/DEMO: REMOVE ALL EXISTING ROOFING, GUTTERING, FLASHING, FASTENERS, SKYLIGHTS, AND ROOFING ACCESSORIES. TYP
2. EXIST/DEMO: REMOVE ALL EXISTING SIDING AND TRIM. FRAMING TO REMAIN. TYP
3. EXIST/DEMO: REMOVE ALL EXISTING LOUVERS. TYP
4. REMOVE ENTIRE 2 STORY STRUCTURE IN THIS AREA INCLUDING WALLS, FIXTURES, STAIRS, ROOF STRUCTURE, SLAB FOOTINGS. TYP
5. REMOVE ALL PAINT AND RUST FROM EXISTING MAINFRAMES, GIRTS, AND PURLINS. TYP
6. ALTERNATE 1: DEMO BUILDING AND SLAB. REBUILD STRUCTURE
7. EXISTING BUILDING TO REMAIN AND BE PRESERVED
8. DEMO ALL EXISTING LIGHT FIXTURES, CONDUIT, JUNCTION BOXES AND WIRE TO PANEL(S) TYP

EXIST/DEMO SECTION 1
SECTION SHEET KEYNOTES

1 2'x1' 4000 PSI CONCRETE FOOTING W/ #5 BAR CONTINUOUS (SEE STRUCTURAL)
2 12" 4000 PSI CONCRETE WALL W/#5 BAR @ 2' OC EW (SEE STRUCTURAL)
3 =>1500 PSF UNDISTURBED OR COMPACTED SOIL
4 4" GRAVEL FILL
5 4" REINFORCED CONCRETE FLOOR (SEE STRUCTURAL)
6 BRICK SOLDIER COURSE BEYOND
7 STORE FRONT SYSTEM
8 WALL FINISH (SEE SCHEDULE)
9 5/8" TYPE X GYPSUM
10 11 7/8" I JOISTS (SEE STRUCTURAL)
11 3 - 1 3/4" X 11 7/8" 2.0 LVL
12 1 1/8" OSB SUBFLOOR
13 2x6 STUDS @ 16" OC W/ R-21 BATT INSULATION
14 5/8" OSB SHEATHING
15 4" SPLIT FACE CMU
16 HVAC UNIT
17 WINDOW UNIT (SEE SCHEDULE)
18 5/8" TYPE X GYPSUM AND RESILENT FURRING FOLLOW SLOPE
19 5/8" OSB SHEATHING OVER 11 7/8" I JOISTS (SEE STRUCTURAL)
20 STANDING SEAM METAL ROOFING
21 5/8" OSB W/ PRE-PAINTED METAL SIDING
22 CULTURED LIMESTONE CAP
23 PRE-PAINTED METAL GUTTER
24 DOOR (SEE SCHEDULE)
25 1 1/4" X 11 7/8" ENGINEERED LUMBER RIM BOARD
SHEET KEYNOTES DEMO

EXIST/DEMO

1 SAW AND DEMO EXISTING CONCRETE
2 EXISTING CONTROL JOINT TYPE
3 EXISTING EXPANSION JOINT TYPE
4 ALTERNATE 1 DEMO BUILDING AND SLAB
5 DEMO EXISTING FANS
6 NO CHANGES TO EXISTING BATH STRUCTURE
7 REMOVE ALL PAINT AND RUST FROM EXISTING MAINFRAMES
8 REMOVE ENTIRE 2 STORY STRUCTURE IN THIS AREA INCLUDING WALLS, FIXTURES, STAIRS, ROOF STRUCTURE, SLAB FOOTINGS.
9 REMOVE EXISTING RIGID MAINFRAME COLUMNS AND ROOF PURLINS SALVAGE REPURPOSE FOR USE IN ALTERNATE 1 IF ACCEPTED. DEMO COLUMN FOOTINGS
10 DEMO ALL ROOFING, GUTTERING, FLASHING, FASTENERS, SKYLIGHTS, AND ROOFING ACCESSORIES NOT USED

LEVEL 1 EXIST/DEMO CONDITIONED SPACE

LEVEL 2 EXIST/DEMO CONDITIONED SPACE
**LEVEL 2 FLOOR PLAN**

- **Door Schedule**

<table>
<thead>
<tr>
<th>Door</th>
<th>Type</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>101</td>
<td>3'</td>
<td>4'</td>
</tr>
<tr>
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**LEVEL 1 FLOOR PLAN**

- **Door Schedule**

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SHEET KEYNOTES A-423
1. 2 1/4" X 11 7/8" 2.0 LVL STRINGERS
2. 1 1/4" X 11 7/8" ENGINEERED LUMBER TREAD GLUED AND SCREWED
3. 3 3/4" OSB RISERS GLUED AND SCREWED
4. 5/8" TYPE X GYPSUM AND RESILENT FURRING FOLLOW SLOPE
5. 1 1/2" PAINTED STEEL PIPE RAILING W/BRACKETS @4' OC MIN RETURN TO WALL (BOTH SIDES)
6. RUBBER TREAD RISERS AND SKIRT

STAIR SECTION
LEVEL 1
LEVEL 2
A-423
AUG 01, 2019

SHEET NUMBER:
A-423
AUG 01, 2019

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR
George F. Esser, Architect
MO #004231

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION
DEPARTMENT OF AGRICULTURE

REPLACE ROOFS & RENOVATE STOCK PENS SHEEP PAVILION
MISSOURI STATE FAIRGROUNDS
SEDALIA, MISSOURI 65301

PROJECT # F1907-01
SITE # 1501
ASSET # 5511501056

ISSUE DATE: AUG 01, 2019

KXH
GFE
GFE

3/4" = 1'-0"
NOTES:
1. PRE-PAINTED 4" DEEP ALUMINUM VENTS.
2. FRONT VENTS MOUNT ON EIFS SYSTEM.
3. REAR VENTS MOUNT ON STEEL BUILDING PANELS.
4. PAINTED HARDWARE CLOTH ON BACK.
STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR

George F. Esser, Architect
MO #004231

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION
DEPARTMENT OF
AGRICULTURE

REPLACE ROOFS &
RENOVATE STOCK PENS
SHEEP PAVILION
MISSOURI STATE
FAIRGROUNDS
MEDALTA, MISSOURI
65301

PROJECT #
F1907-01

SITE #
1501

ASSET #
3511501036

ISSUE DATE:
AUG 01, 2019

CAD FILE:
A-911

DRAWN BY:
GFE

CHECKED BY:
GFE

DESIGNED BY:

SHEET TITLE:
3D VIEWS BUILDING 1

SHEET NUMBER:
A-911
NOTES:
1) MOUNT FANS ON COLUMNS AT HEIGHT OF 12 FT USING COLUMN CLAMP HARDWARE PURCHASED FROM FAN MANUFACTURER IF AVAILABLE. IF NOT AVAILABLE HARDWARE DESIGN MUST BE APPROVED BY ARCHITECT/ENGINEER. INSTALL A SAFETY CABLE ADEQUATE TO SUPPORT FAN IF CLAMP HARDWARE FAILS.
2) BASE BID TO PROVIDE 30 INCH MULTI-SPEED OSCILLATING FANS. MANUFACTURER TPI SELLING UNDER SAME TRADE NAME.
3) BID ALTERNATE TO SUPPLY MANUFACTURER: BIG ASS FAN, MODEL 36 INCH YELLOW JACKET WITH VARIABLE SPEED CONTROLLER AND OSCILLATION.
LEVEL 1 NEW WORK LIGHTING PLAN

MANUFACTURER(S) AND MODEL(S) SHOWN ARE FOR DESIGN INTENT ONLY. SEE SPECIFICATIONS FOR ADDITIONAL MANUFACTURERS.
NOTES:
1) ALL BUNKROOM LIGHTING POWERED BY CIRCUIT G-7.
SHEET KEYNOTES EP-101

1. REMOVE EXISTING PANEL AND FEEDER BACK TO MDP.
2. EXISTING PANEL TO REMAIN, OVERHEAD SERVICE TO BE REMOVED.
3. EXISTING PANEL TO REMAIN, DISCONNECT FROM EXISTING MDP. FEEDER CONDUIT TO BE REUSED WHEN REFEED FROM NEW MDP.
4. ABANDONED UNDERGROUND CONDUITS TO BE CUT OFF AT CONCRETE FLOOR. LEAVE NO SHARP EDGES. GROUT OR CAP LEVEL WITH FLOOR.
5. DEMO DUPLEX RECEPTABLES ON COLUMNS, REMOVE WIRE, AND CONDUIT, AND JUNCTION BOXES BACK TO SOURCE.
6. DEMO EXISTING MDP AND OVERHEAD SERVICE. PANELS FED BY THIS MDP TO BE REFEED FROM NEW PANEL A (SEE ONE-LINE DIAGRAM).
7. ENTIRE BUILDING TO BE REMOVED INCLUDING ALL ELECTRICAL WITHIN OR ATTACHED TO MDP, PANELS, FEED, TRANSFORMER, AND POLE TO BE REMOVED.
8. EXISTING BOX FANS TO BE REMOVED TYP.
9. EXIST CORDED WP RECEPTABLES TO REMAIN TYP.
10. EXISTING PANEL TO REMAIN, REMOVE CONDUIT AND WIRE BACK TO MDP. CONDUIT REMOVED FOR THESE PANELS MAY BE REUSED.
11. EXISTING PANEL TO REMAIN. FEEDER TO BE REUSED TO FEED POLE LIGHT AND TICKET BOOTH.

NOTE: SEE CIVIL DRAWINGS FOR SITE UTILITY WORK.
LEVEL 1 NEW WORK POWER PLAN

1. J BOX TO SUPPLY POWER TO RECEPTACLES IN JUDGES BOOTH. USE SEAL-TIGHT FLEX CONDUIT FROM J BOX TO BOOTH. RUN EMT CONDUIT IN BOOTH.

2. NEW WP GFCI WP RECEPTICALS, CONDUIT, WIRE AND BOXES TO REPLACE EXISTING TYPE.

3. EXIST CORDED WP RECEPTICALS TYPE.

4. SEE 1-EP-411 FOR BUILDING 1 POWER PLAN.

5. EXIST PANELS.

6. NEW UNDERGROUND ELECTRIC.

7. NEW MDP FED FROM NEW PAD TRANSFORMER.

8. 6" BOLLARD TYPE.

NOTES:
1. FAN POWER CIRCUITS DESIGNATED WITH A J BOX AND HOME RUN CIRCUITS LOCATED AT TOP OF COLUMNS WITH A RECEPTACLE FOR EACH FAN. COORDINATE RECEPTACLE TYPE REQUIREMENTS WITH FAN MANUFACTURER.

2. SEE CIVIL DRAWINGS FOR SITE UTILITY WORK.
**Conduit and Wire Schedule**

(All Wire Sizes are Based on Copper)

1. 500 ft of 2/0 Cu in 2" EMT Conduit
2. 250 ft of 2/0 Cu in 2" EMT Conduit
3. 3/0 Cu & 1/0 Cu & #6 Gnd in 2" EMT Conduit

**Conduit and Schedule Requirements**

- All Conduit Sizes Are Based on Copper
- Bond Neutral and Ground Bus to Together in MDP & MDP Only
- The Grounding Electrode Conductors for the New MDP1 Shall Connect to the Existing Building Steel
- Grounding Electrode Conductors Shall Be Copper and Sized Per NEC 250

**Transformers**

- Pad Mount Utility Transformer 240/120V, 1∅ 3W Secondary 167KVA.
- Coordinate Pad Size and Transformer Grounding Requirements With Transformer Manufacturer.

**Switchboards**

- New MEP - Switchboard (Located in Electrical Room)
- New MEP - Switchboard (Located in Electrical Room)
- New MEP - Switchboard (Located in Electrical Room)
- New MEP - Switchboard (Located in Electrical Room)
**STATE OF MISSOURI**  
Michael L. Parson, Governor  
Ronald J. Poehlmann, P.E.

**OFFICE OF ADMINISTRATION**  
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION  
DEPARTMENT OF AGRICULTURE

**REPLACE ROOFS & RENOVATE STOCK PENS**  
SHEEP PAVILION  
MISSOURI STATE FAIRGROUNDS  
SEDALIA, MISSOURI 65301

**PROJECT #**  
F1907-01

**SITE #**  
1501

**ASSET #**  
35115001036

**DATE:**  
AUG 01, 2019

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### Panel A

**MCR Single Phase, 3 wires**

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**Total Kilovolt-Ampere:** 625/200/200

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### Panel B

**MCR Single Phase, 3 wires**

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**Total Kilovolt-Ampere:** 625/200/200

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### Panel C

**MCR Single Phase, 3 wires**

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**Total Kilovolt-Ampere:** 625/200/200

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### Panel D

**MCR Single Phase, 3 wires**

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**Total Kilovolt-Ampere:** 625/200/200

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### Electrical Panel Schedules

**EP-612**  
**SHEET NUMBER:**  
AUG 01, 2019
GENERAL NOTES:

1. THE PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE AND SHOW THE GENERAL LAYOUT OF THE PLUMBING SYSTEM. PLUMBING CONTRACTOR TO VERIFY WITH FIELD CONDITIONS, EXACT LOCATIONS OF PLUMBING SYSTEMS.

2. MEN AND WOMEN’S RESTROOM WATER LINES SHALL BE RUN UNDER THE FLOOR INTO WALLS.

3. PLUMBING TO SECOND STORY SHALL BE RUN IN CEILING AREA BETWEEN FLOORS INTO WALLS.

4. ANY PLUMBING IN WALLS OR CEILING SHALL BE SLOPED IN ORDER TO FACILITATE WINTERIZATION. HAMMER STOPS SHALL BE INSTALLED AT THE END OF EACH RUN, AND INSTALLED AS TO NOT TRAP WATER TO ALLOW FOR WINTERIZATION.

5. USE 1/4 TURN SHUT-OFF VALVES AT ALL FIXTURES.

6. EACH HOT AND COLD SUPPLY RUN SHALL HAVE A BALL VALUE TYPE SHUT-OFF IN THE UTILITY ROOM, AND A BALL VALVE TO DRAIN TO ALLOW FOR WINTERIZATION.

7. CONTRACTOR SHALL ESTABLISH A SEQUENCE OF INSTALLATION WITH OTHER TRADES WORKING ON THE PROJECT. CONTRACTOR SHALL THOROUGHLY COORDINATE ALL SYSTEMS WITH OTHER TRADES.