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MISSOURI DEPARTMENT  
OF TRANSPORTATION

JACKSON MAINTENANCE BUILDING  
REROOF

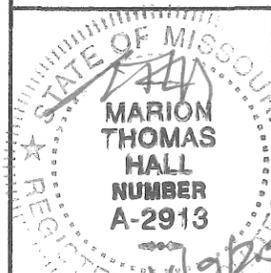
CODE REQUIREMENTS

BUILDING CODE - CURRENT IBC

PLUMBING CODE - CURRENT IBC

CAPE GIRARDEAU COUNTY

SOUTHEAST DISTRICT - JACKSON, MO 63755  
200 State Highway Y



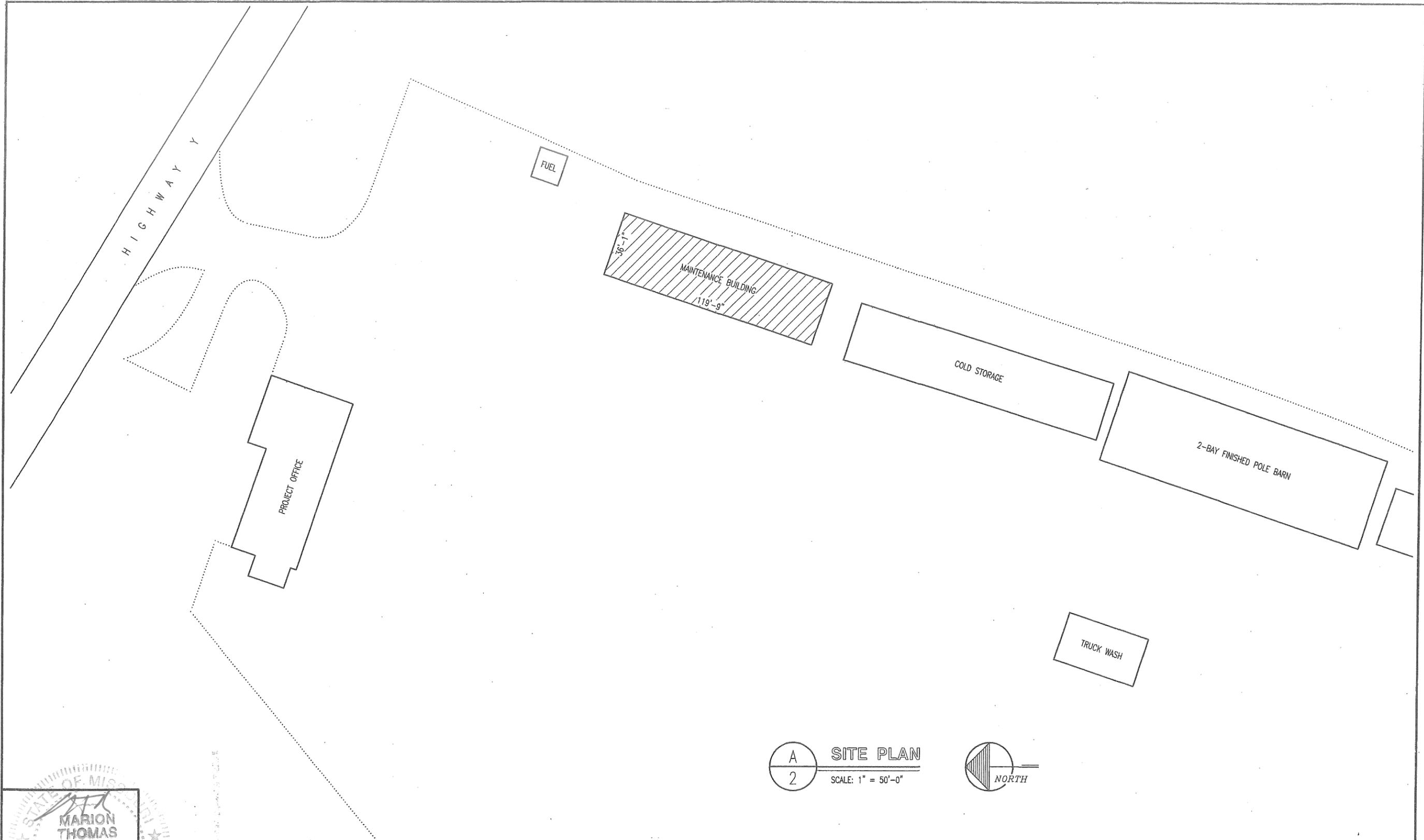
COVER SHEET

MISSOURI DEPARTMENT  
OF TRANSPORTATION  
DIVISION OF GENERAL SERVICES  
FACILITIES MANAGEMENT

Jackson Maintenance Building Reroof  
Southeast District - Cape Girardeau County  
200 State Highway Y, Jackson, MO 63755

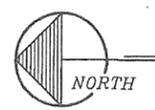
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DATE: 10-22-15

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1 of 6



STATE OF MISSOURI  
 MARION THOMAS  
 HALL  
 NUMBER  
 A-2913  
 11/5/2015

A SITE PLAN  
 2  
 SCALE: 1" = 50'-0"

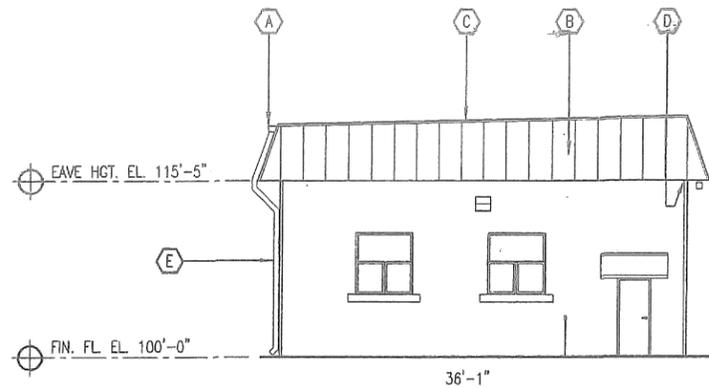


SITE PLAN

MISSOURI DEPARTMENT  
 OF TRANSPORTATION  
 DIVISION OF GENERAL SERVICES  
 FACILITIES MANAGEMENT

Jackson Maintenance Building Reroof  
 Southeast District - Cape Girardeau County  
 200 State Highway Y, Jackson, MO 63755

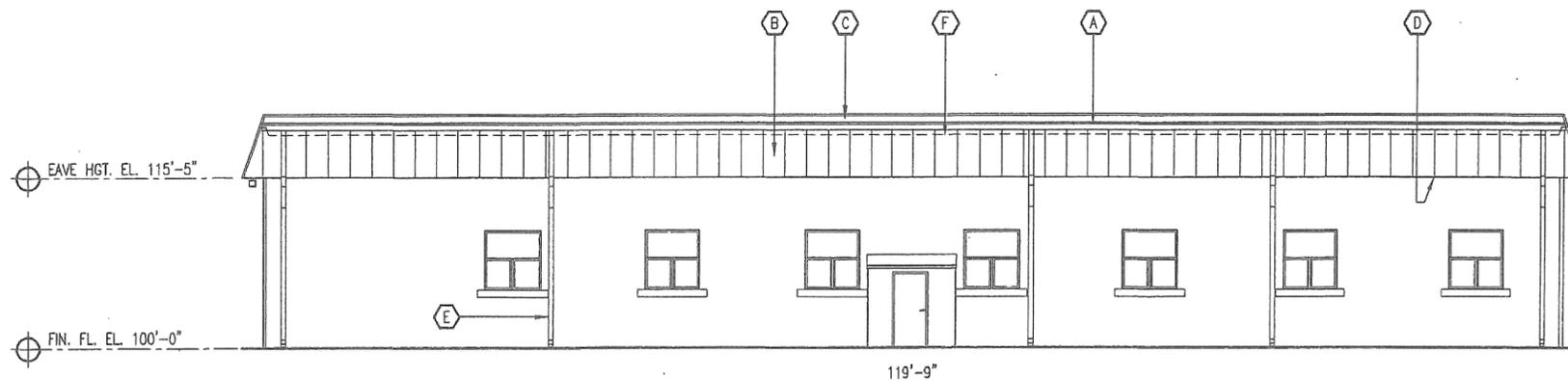
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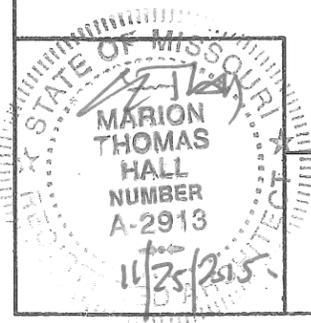
**B**  
3  
**NORTH ELEVATION**  
SCALE: 1/16" = 1'-0"

**CONTRACTOR NOTES:**

- (A) NEW ALUMINUM GUTTER AT TOP OF EXTENDED MANSARD ROOF. SECURELY ATTACH AS REQUIRED. BACK-PAINTED NEXT TO STEEL ROOFING.
- (B) REMOVE EXISTING SHINGLES & FELT PAPER DOWN TO THE EXISTING ROOF SHEATHING. DISCARD ALL THE DEBRIS OFF-SITE. EXTEND 3/4" PLYWOOD ROOF SHEATHING TO MATCH EXISTING MANSARD SLOPE. INSTALL 30 LB FELT PAPER OVER ALL THE MANSARD SHEATHING. INSTALL 26 GA. PREFINISHED METAL SHEET ROOFING ON 2 x 4 NAILERS @ 24" O.C.
- (C) CONTRACTOR TO HAVE IN BASE BID THE REMOVAL & INSTALLATION OF ONE HUNDRED (100) 4 x 8 SHEETS OF 3/4" TREATED WOOD PLYWOOD SHEATHING [ASSUMED DAMAGED] BELOW TEMPORARY ROOF TARP INSTALLED BY MODOT TO PROTECT ROOF AFTER STORM. REMOVE ALL OF THE EXISTING SINGLE-PLY MEMBRANE ON FLAT PORTION OF ROOF. INSTALL 30LB FELT PAPER IN ITS PLACE. SEE ROOF SECTION FOR NEW CONSTRUCTION.
- (D) INSTALL NEW 26 GA. PREFINISHED DRIP EDGE AT ROOF EDGE. EXISTING SOFFIT TO REMAIN. PROTECT DURING CONSTRUCTION.
- (E) PROVIDE AND INSTALL FIVE (5) NEW ALUMINUM DOWNSPOUTS AND CONCRETE SPLASH BLOCKS. BACK-PAINT AS REQUIRED DUE TO PREFINISHED ALUMINUM IS IN CONTACT WITH PREFINISHED STEEL.
- (F) TOP OF EXISTING MANSARD ROOF DRIP EDGE SHOWN DASHED. ENTIRE ROOF SLOPES TOWARDS THE BACK OF THE BUILDING.



**A**  
3  
**EAST ELEVATION**  
SCALE: 1/16" = 1'-0"



**NORTH & EAST ELEVATIONS**

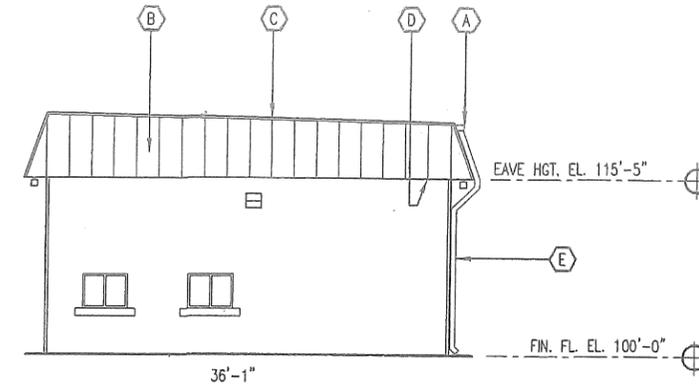
**MISSOURI DEPARTMENT  
OF TRANSPORTATION**  
DIVISION OF GENERAL SERVICES  
FACILITIES MANAGEMENT

Jackson Maintenance Building Reroof  
Southeast District - Cape Girardeau County  
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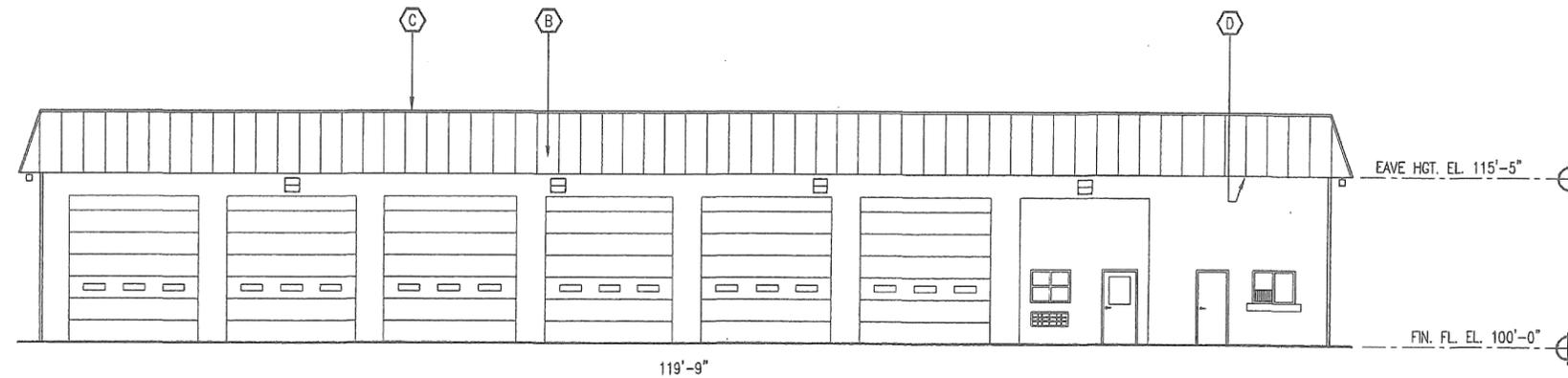
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CONTRACTOR NOTES:

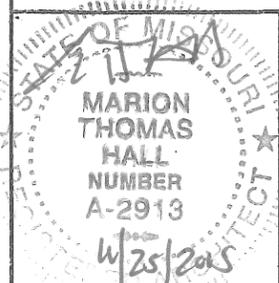
- (A) NEW ALUMINUM GUTTER AT TOP OF EXTENDED MANSARD ROOF. SECURELY ATTACH AS REQUIRED. BACK-PAINTED NEXT TO STEEL ROOFING.
- (B) REMOVE EXISTING SHINGLES & FELT PAPER DOWN TO THE EXISTING ROOF SHEATHING. DISCARD ALL THE DEBRIS OFF-SITE. EXTEND 3/4" PLYWOOD ROOF SHEATHING TO MATCH EXISTING MANSARD SLOPE. INSTALL 30 LB FELT PAPER OVER ALL THE MANSARD SHEATHING. INSTALL 26 GA. PREFINISHED METAL SHEET ROOFING ON 2 x 4 NAILERS @ 24" O.C.
- (C) CONTRACTOR TO HAVE IN BASE BID THE REMOVAL & INSTALLATION OF ONE HUNDRED (100) 4 x 8 SHEETS OF 3/4" TREATED WOOD PLYWOOD SHEATHING [ASSUMED DAMAGED] BELOW TEMPORARY ROOF TARP INSTALLED BY MODOT TO PROTECT ROOF AFTER STORM. REMOVE ALL OF THE EXISTING SINGLE-PLY MEMBRANE ON FLAT PORTION OF ROOF. INSTALL 30LB FELT PAPER IN ITS PLACE. SEE ROOF SECTION FOR NEW CONSTRUCTION.
- (D) INSTALL NEW 26 GA. PREFINISHED DRIP EDGE AT ROOF EDGE. EXISTING SOFFIT TO REMAIN. PROTECT DURING CONSTRUCTION.
- (E) PROVIDE AND INSTALL FIVE (5) NEW ALUMINUM DOWNSPOUTS AND CONCRETE SPLASH BLOCKS. BACK-PAINT AS REQUIRED DUE TO PREFINISHED ALUMINUM IS IN CONTACT WITH PREFINISHED STEEL.



**B** SOUTH ELEVATION  
4 SCALE: 1/16" = 1'-0"



**A** WEST ELEVATION  
4 SCALE: 1/16" = 1'-0"



**SOUTH & WEST ELEVATIONS**

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Jackson Maintenance Building Reroof  
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CONTINUOUS 2 x 4's @ 24" O.C. ATTACHED AS REQUIRED ALONG TOP OF 2 x 10's.

26 GA. PREFINISHED STEEL METAL ROOFING.

PREFINISHED STEEL EDGE TRIM AS REQUIRED.

PROVIDE NEW EXTERIOR SHEATHING ON ALL SIDES OF THE ROOF'S EXTENSION TO MATCH EXISTING WITH BLOCKING AS REQUIRED.

REMOVE EXISTING SHINGLES AND FELT PAPER. DISCARD OFF-SITE. ATTACH CONTINUOUS 2 x 4 BLOCKING AS SHOWN @ 24" O.C. ON NEW 30 LB. FELT PAPER ON EXISTING SHEATHING.

26 GA. PREFINISHED STEEL METAL ROOFING.

PREFINISHED ALUMINUM GUTTERS AND DOWNSPOUTS. BACK-PAINTED NEXT TO STEEL ROOFING.

FOAM CLOSURE WITH PREFINISHED RAT GUARD TRIM AT EDGE.

EXISTING SOFFIT TO REMAIN.

CONTINUOUS 2 x 4's @ 48" O.C. ATTACHED WITH 8" DECK SCREWS THROUGH NEW 30LB FELT PAPER ON NEW ROOF SHEATHING [FIELD DETERMINED] ONTO EXISTING WOOD RAFTERS BELOW. VERIFY LOCATION.

SLOPE

2 x 10's @ 4'-0" O.C.

**EXISTING CONDITION TO REMAIN**  
RETAIN SINGLE-PLY ROOFING IN PLACE. PROTECT DURING CONSTRUCTION.

**A** ROOF DETAIL  
5 SCALE: 1/2" = 1'-0"

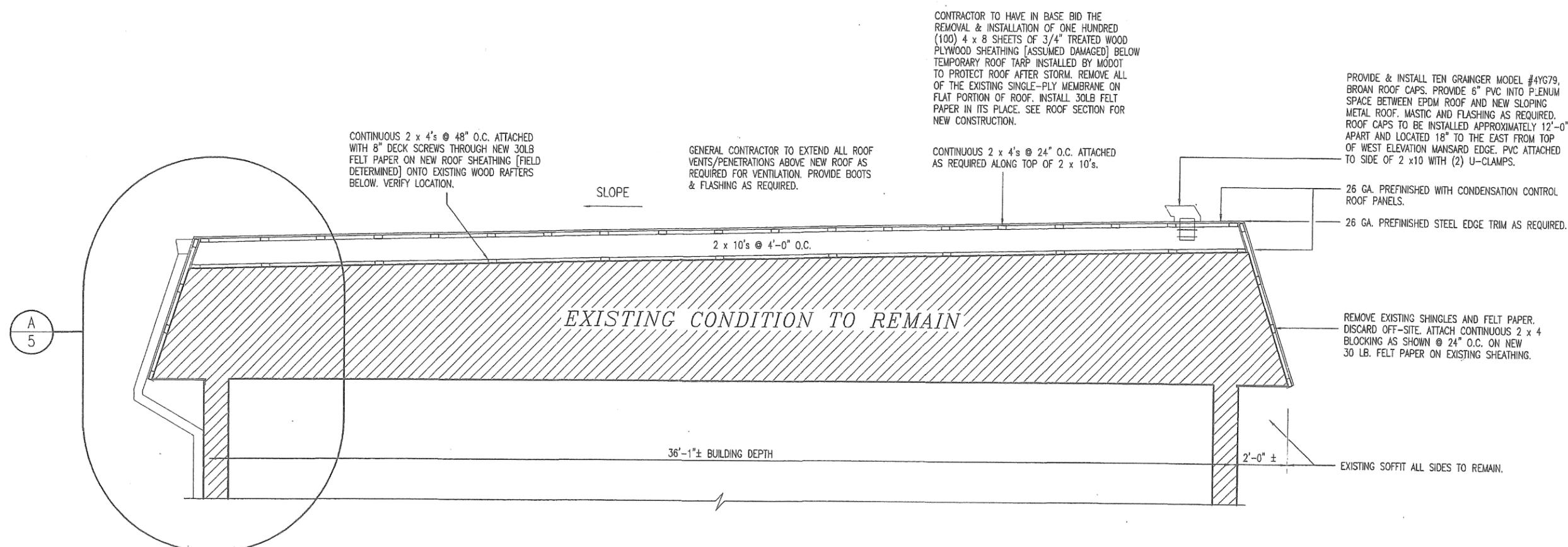


**DETAILS**

**MISSOURI DEPARTMENT OF TRANSPORTATION**  
DIVISION OF GENERAL SERVICES  
FACILITIES MANAGEMENT

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CONTINUOUS 2 x 4's @ 48" O.C. ATTACHED WITH 8" DECK SCREWS THROUGH NEW 30LB FELT PAPER ON NEW ROOF SHEATHING (FIELD DETERMINED) ONTO EXISTING WOOD RAFTERS BELOW. VERIFY LOCATION.

GENERAL CONTRACTOR TO EXTEND ALL ROOF VENTS/PENETRATIONS ABOVE NEW ROOF AS REQUIRED FOR VENTILATION. PROVIDE BOOTS & FLASHING AS REQUIRED.

CONTRACTOR TO HAVE IN BASE BID THE REMOVAL & INSTALLATION OF ONE HUNDRED (100) 4 x 8 SHEETS OF 3/4" TREATED WOOD PLYWOOD SHEATHING (ASSUMED DAMAGED) BELOW TEMPORARY ROOF TARP INSTALLED BY MODOT TO PROTECT ROOF AFTER STORM. REMOVE ALL OF THE EXISTING SINGLE-PLY MEMBRANE ON FLAT PORTION OF ROOF. INSTALL 30LB FELT PAPER IN ITS PLACE. SEE ROOF SECTION FOR NEW CONSTRUCTION.

CONTINUOUS 2 x 4's @ 24" O.C. ATTACHED AS REQUIRED ALONG TOP OF 2 x 10's.

PROVIDE & INSTALL TEN GRAINGER MODEL #4YG79, BROAN ROOF CAPS. PROVIDE 6" PVC INTO PLENUM SPACE BETWEEN EPDM ROOF AND NEW SLOPING METAL ROOF. MASTIC AND FLASHING AS REQUIRED. ROOF CAPS TO BE INSTALLED APPROXIMATELY 12'-0" APART AND LOCATED 18" TO THE EAST FROM TOP OF WEST ELEVATION MANSARD EDGE. PVC ATTACHED TO SIDE OF 2 x 10 WITH (2) U-CLAMPS.

26 GA. PREFINISHED WITH CONDENSATION CONTROL ROOF PANELS.  
26 GA. PREFINISHED STEEL EDGE TRIM AS REQUIRED.

REMOVE EXISTING SHINGLES AND FELT PAPER. DISCARD OFF-SITE. ATTACH CONTINUOUS 2 x 4 BLOCKING AS SHOWN @ 24" O.C. ON NEW 30 LB. FELT PAPER ON EXISTING SHEATHING.

EXISTING SOFFIT ALL SIDES TO REMAIN.

SLOPE

2 x 10's @ 4'-0" O.C.

EXISTING CONDITION TO REMAIN

36'-1"± BUILDING DEPTH

2'-0" ±

**A** ROOF SECTION  
**6** SCALE: 1/4" = 1'-0"

STATE OF MISSOURI  
MARION THOMAS  
HALL  
NUMBER  
A-2913  
11/25/2015

ROOF SECTION

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