

INDEX OF DRAWINGS

- 1-8 COVER SHEET
- 2-8 SITE PLAN
- 3-8 NORTH & WEST ELEVATIONS
- 4-8 SOUTH & EAST ELEVATIONS
- 5-8 DETAILS
- 6-8 DETAILS
- 7-8 DETAILS
- 8-8 ROOF SECTION

MISSOURI DEPARTMENT OF TRANSPORTATION

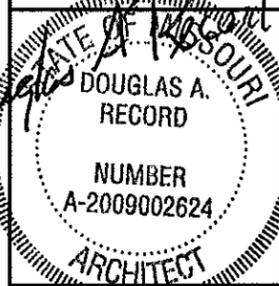
FULTON MAINTENANCE BUILDING METAL SIDING & ROOF

CODE REQUIREMENTS

- BUILDING CODE - CURRENT IBC
- PLUMBING CODE - CURRENT IBC

CALLAWAY COUNTY

CENTRAL DISTRICT - FULTON, MO 65251
4975 County Road 304



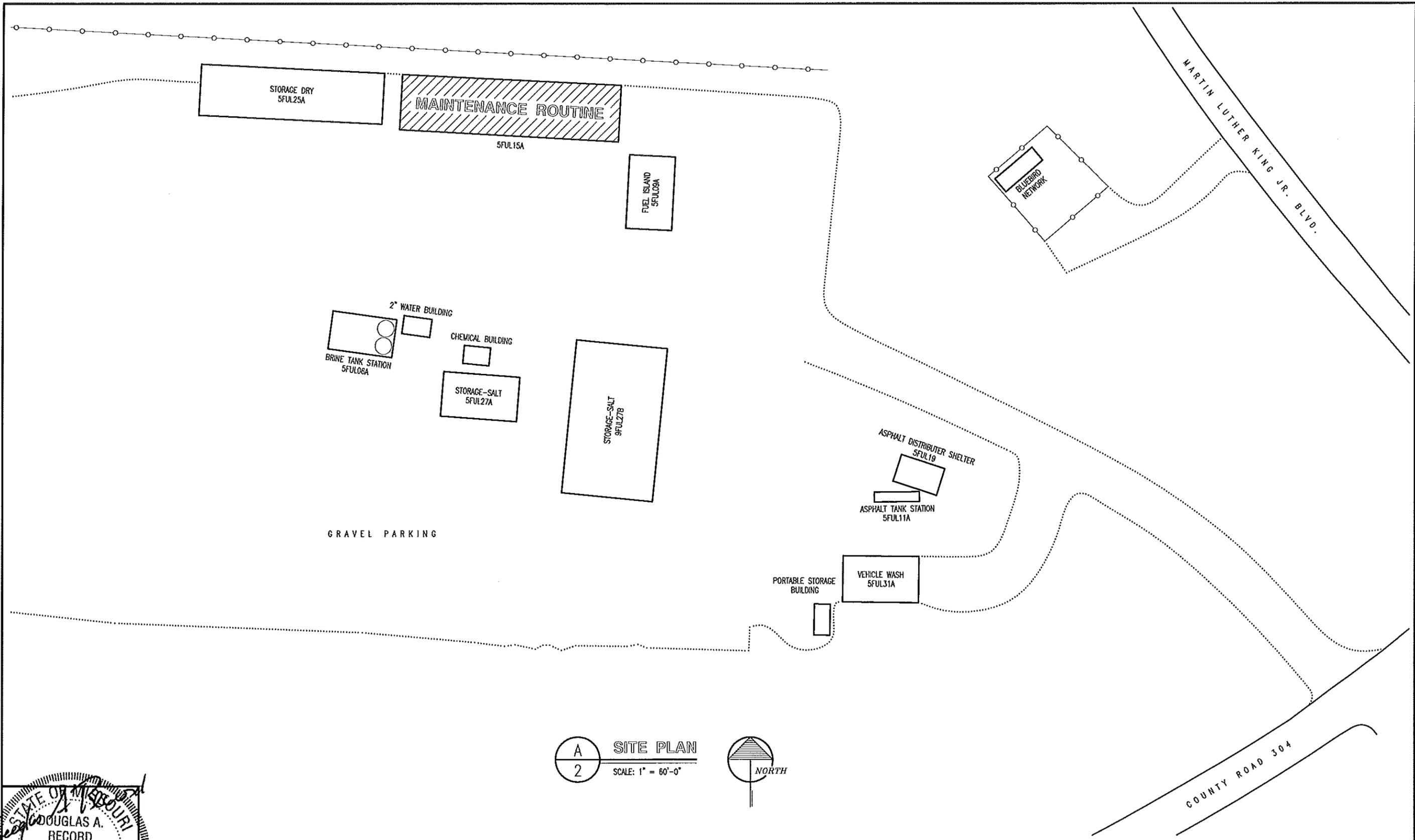
6/9/14

COVER SHEET

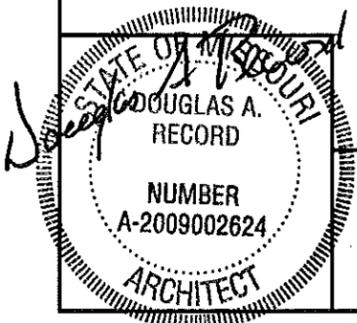
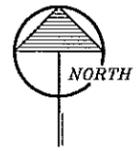
MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

Fulton Maintenance Building Metal Siding & Roof
4975 County Road 304
CENTRAL DISTRICT

DRAWN BY: LARRY CARYER
CHECKED BY: DOUG REDORD
DATE: 6-9-14
Sheet
1 of 8



A
2 SITE PLAN
SCALE: 1" = 60'-0"



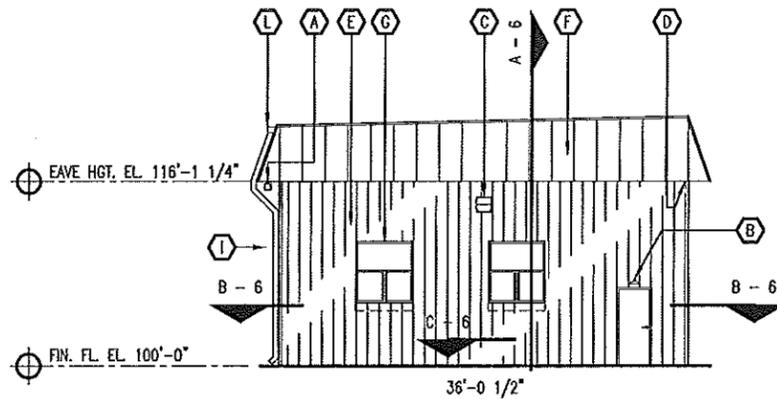
6/9/14

SITE PLAN

MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

Fulton Maintenance Building Metal Siding & Roof
4975 County Road 304
CENTRAL DISTRICT

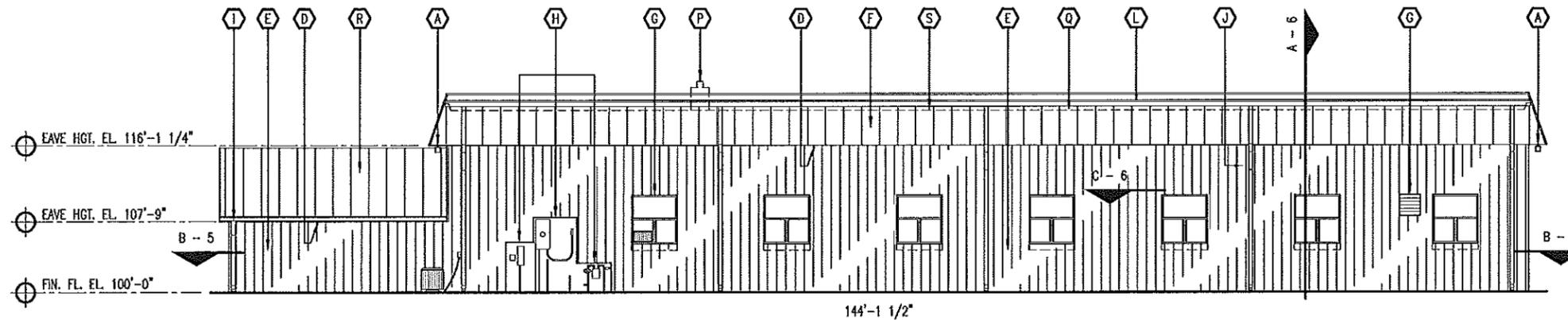
DRAWN BY: LARRY CARVER
CHECKED BY: DOUG RECORD
DATE: 6-9-14
Sheet
2 of 8



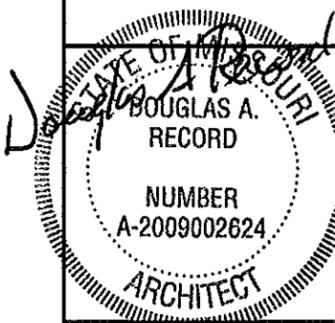
C
3
WEST ELEVATION
SCALE: 1/16" = 1'-0"

CONTRACTOR NOTES:

- A** MODOT IS TO REMOVE AND REPLACE ALL SURFACE MOUNTED COMMUNICATION APPURTENANCES, SOFFIT AND SURFACE LIGHTING DURING CONSTRUCTION. GENERAL CONTRACTOR TO COORDINATE BLOCKING AS REQUIRED FOR THE DEVICES.
- B** OTHERS TO REMOVE EXISTING LIGHT FIXTURE AND REUSE BREAKER FOR NEW LIGHT FIXTURE ON THIS WALL.
- C** NEW LIGHT FIXTURE (LITHONIA - TWR1 LED 1 50K MVOLT) THIS WALL BY OTHERS. INSTALL TORK 2001 120V PHOTO ELECTRIC CONTROL ON EAST FIXTURE.
- D** REMOVE EXISTING SOFFIT AND DISCARD OFF-SITE. PROVIDE & INSTALL PREFINISHED VENTED ALUMINUM SOFFIT. (TYPICAL)
- E** NEW 26 GA. PREFINISHED METAL SIDING OVER TYEAK OR EQUAL BUILDING WRAP OVER 1-1/2" INSULATION BOARD GLUED BETWEEN FURRING STRIPS. 2 x 4 HORIZONTAL STRIPS @ 36 O.C. MAXIMUM. SEE DETAIL SHEETS.
- F** REMOVE EXISTING SHINGLES & FELT PAPER DOWN TO THE EXISTING ROOF SHEATHING. DISCARD ALL THE DEBRIS OFF-SITE. EXTEND 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.
- G** BOX 2 x 4 FURRING AND TRIM AS REQUIRED AROUND ALL EXISTING WINDOWS, SILLS, DOORS, EXHAUST FANS AND HVAC EQUIPMENT ETC.
- H** BOX 2 x 4 FURRING AND TRIM AS REQUIRED AROUND ALL THESE EXISTING UTILITY ENTRANCES ON NORTH ELEVATION AS REQUIRED FOR NEAT APPEARANCE. UTILITY ENTRANCES TO REMAIN AS IS.
- I** REMOVE EXISTING DOWNSPOUTS AND GUTTERS. DISCARD OFF-SITE. PROVIDE NEW PREFINISHED ALUMINUM DOWNSPOUTS, GUTTERS AND FASCIA TRIM. ADD SPLASH BLOCK AT EACH DOWNSPOUT.
- J** REMOVE FIVE EXISTING DOWNSPOUTS THROUGH MANSARD SOFFIT AND ROOF ON THE NORTH ELEVATION. DISCARD ALL DEBRIS OFF-SITE. (TYPICAL)
- L** NEW ALUMINUM GUTTER AT TOP OF EXTENDED MANSARD ROOF. SECURELY ATTACH AS REQUIRED. BACK-PAINTED NEXT TO STEEL ROOFING.
- P** REMOVE EXISTING BRICK CHIMNEY DOWN TO SINGLE-PLY MEMBRANE ROOF THAT REMAINS AND PATCH OVER HOLE WITH ROOF SHEATHING.
- Q** TOP OF EXISTING MANSARD ROOF DRIP EDGE SHOWN DASHED. ENTIRE ROOF SLOPES TOWARDS THE BACK OF THE BUILDING.
- R** REMOVE EXISTING SHINGLES & FELT PAPER DOWN TO THE EXISTING ROOF SHEATHING. DISCARD ALL THE DEBRIS OFF-SITE. INSTALL 30LB. FELT PAPER AND 26 GA. PREFINISHED METAL SHEET ROOFING.
- S** EXISTING SINGLE-PLY MEMBRANE TO REMAIN. PROTECT DURING CONSTRUCTION.



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



6/9/14

NORTH & WEST ELEVATIONS

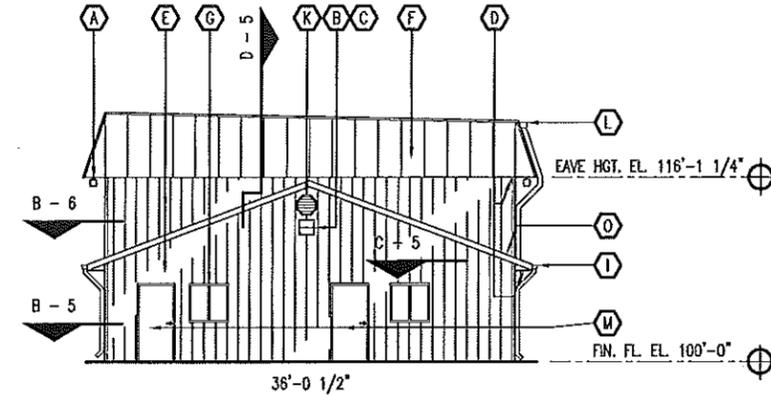
**MISSOURI DEPARTMENT
OF TRANSPORTATION**
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

Fulton Maintenance Building Metal Siding & Roof
4975 County Road 304
CENTRAL DISTRICT

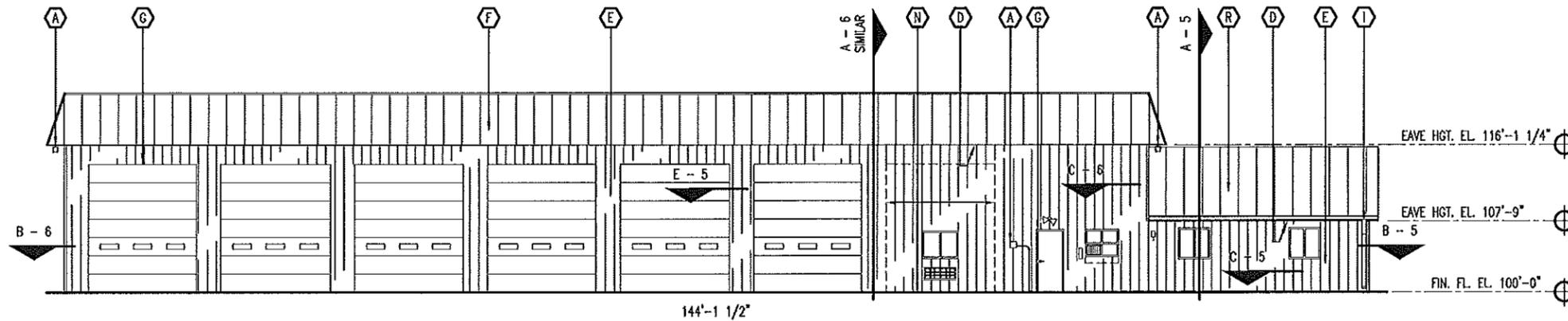
DRAWN BY: LARRY CARYER
CHECKED BY: DOUG RECORD
DATE: 6-9-14
Sheet
3 of 8

CONTRACTOR NOTES:

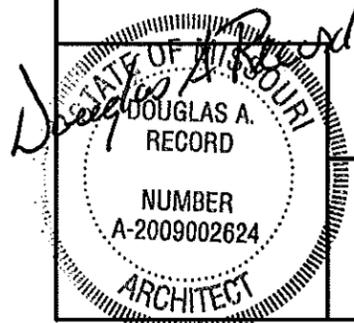
- (A) MODOT IS TO REMOVE AND REPLACE ALL SURFACE MOUNTED COMMUNICATION APPURTENANCES, SOFFIT AND SURFACE LIGHTING DURING CONSTRUCTION. GENERAL CONTRACTOR TO COORDINATE BLOCKING AS REQUIRED FOR THE DEVICES.
- (B) NEW LIGHT FIXTURE (LITHONIA - THW1 LED 1 50K MVOLT) THIS WALL BY OTHERS. INSTALL TORK 2001 120V PHOTO ELECTRIC CONTROL ON EAST FIXTURE.
- (C) REMOVE EXISTING SOFFIT AND DISCARD OFF-SITE. PROVIDE & INSTALL PREFINISHED VENTED ALUMINUM SOFFIT. (TYPICAL)
- (D) NEW 26 GA. PREFINISHED METAL SIDING OVER TYVEK OR EQUAL BUILDING WRAP OVER 1-1/2" INSULATION BOARD GLUED BETWEEN FURRING STRIPS. 2 x 4 HORIZONTAL STRIPS @ 36 O.C. MAXIMUM. SEE DETAIL SHEETS.
- (E) REMOVE EXISTING SHINGLES & FELT PAPER DOWN TO THE EXISTING ROOF SHEATHING. DISCARD ALL THE DEBRIS OFF-SITE. EXTEND 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.
- (F) BOX 2 x 4 FURRING AND TRIM AS REQUIRED AROUND ALL EXISTING WINDOWS, SILLS, DOORS, EXHAUST FANS AND HVAC EQUIPMENT ETC.
- (G) REMOVE EXISTING DOWNSPOUTS AND GUTTERS. DISCARD OFF-SITE. PROVIDE NEW PREFINISHED ALUMINUM DOWNSPOUTS, GUTTERS AND FASCIA TRIM. ADD SPLASH BLOCK AT EACH DOWNSPOUT.
- (H) REMOVE AND REINSTALL AS FUNCTIONAL LOUVER DURING CONSTRUCTION.
- (I) NEW ALUMINUM GUTTER AT TOP OF EXTENDED MANSARD ROOF. SECURELY ATTACH AS REQUIRED. BACK-PAINTED NEXT TO STEEL ROOFING.
- (J) REMOVE (2) EXISTING PASSAGE DOORS AND FRAMES. DISCARD OFF-SITE PROVIDE TWO NEW INSULATED 3'-0" x 6'-8" HOLLOW METAL DOORS, 2" KNOCK-DOWN H.M. FRAMES (5-3/4" DEPTH - FIELD VERIFY), DOOR HARDWARE & SEALANT. DOORS AND FRAMES PAINTED. PATCH INTERIOR FINISHES TO MATCH EXISTING.
- (K) REMOVE EXISTING VINYL SIDING & DISCARD DEBRIS OFF-SITE AND FURR-OUT WITH 2x CONSTRUCTION WITH STUDS @ 16" O.C. EVEN WITH FACE OF EXISTING CONCRETE BLOCK WALL. FABRICATE AS REQUIRED AN EXTENDED SLEEVE FOR PTAC UNIT.
- (L) PROVIDE AND INSTALL CONTINUOUS BLOCKING AND COUNTER-FLASHING UP ROOF SLOPES AT VERTICAL WALL AS REQUIRED FOR WATERTIGHT APPLICATION.
- (M) REMOVE EXISTING SHINGLES & FELT PAPER DOWN TO THE EXISTING ROOF SHEATHING. DISCARD ALL THE DEBRIS OFF-SITE. INSTALL 30LB. FELT PAPER AND 26 GA. PREFINISHED METAL SHEET ROOFING.



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



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



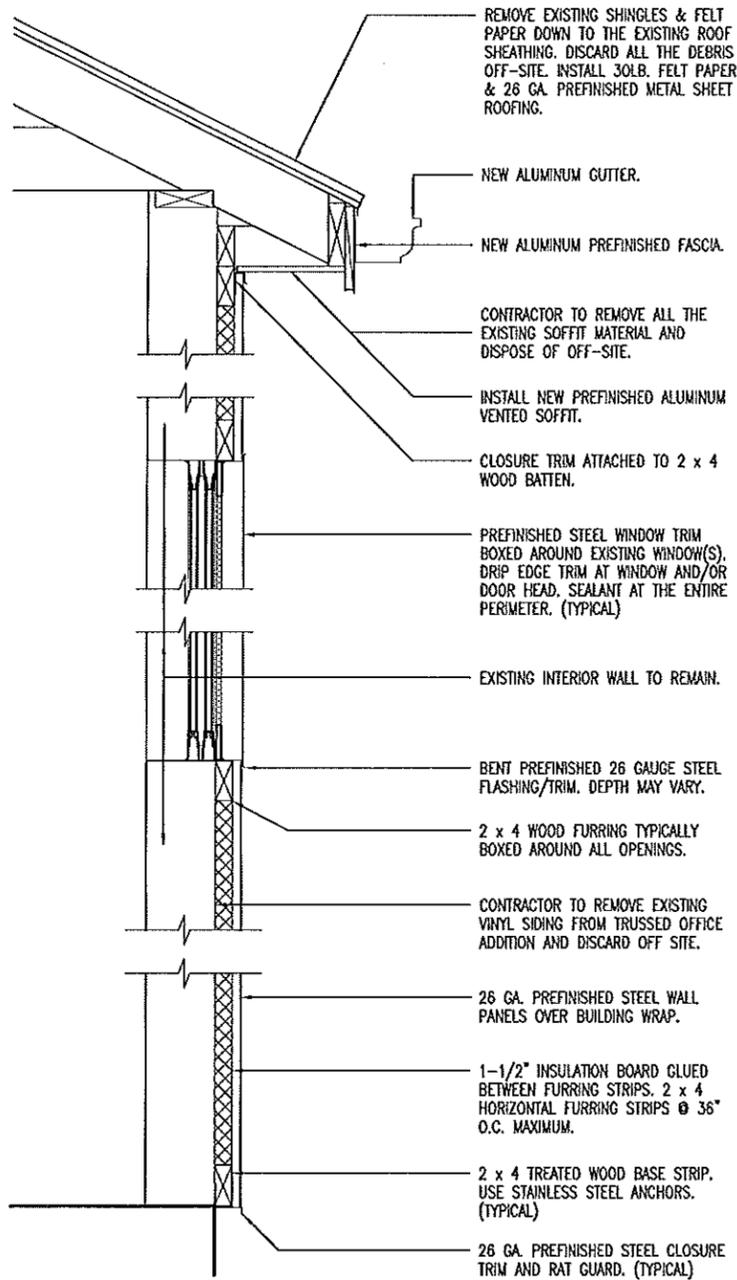
6/9/14

SOUTH & WEST ELEVATIONS

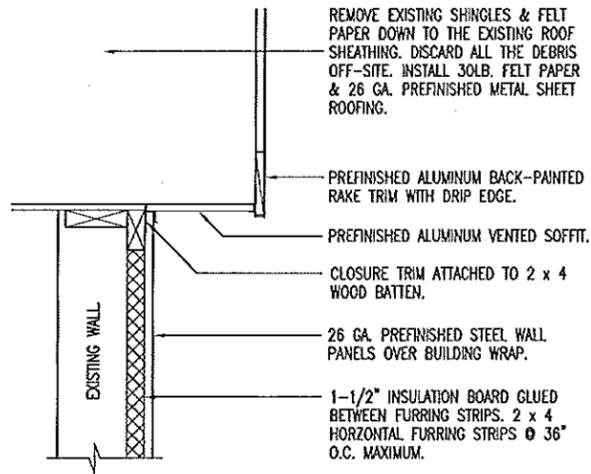
MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

Fulton Maintenance Building Metal Siding & Roof
4975 County Road 304
CENTRAL DISTRICT

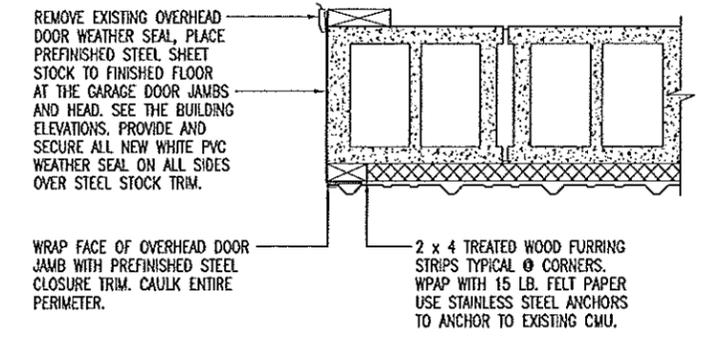
DRAWN BY: LARRY CARVER
CHECKED BY: DOUG RECORD
DATE: 8-9-14
Sheet
4 of 8



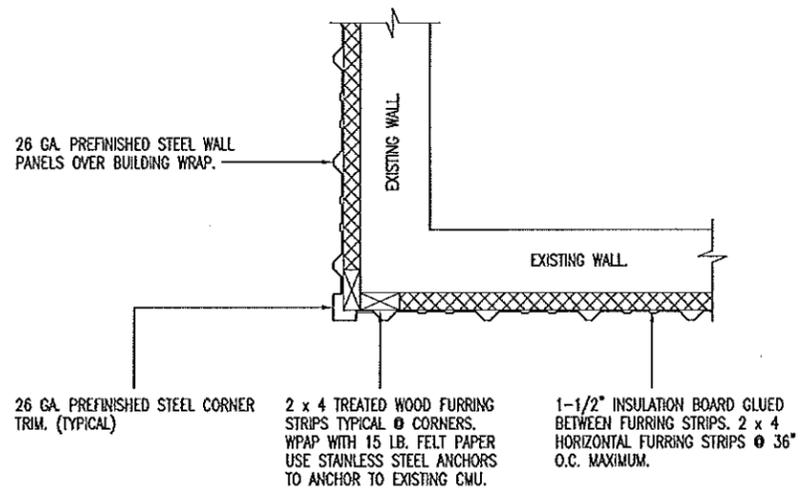
A
5
METAL SIDING
WALL SECTION
SCALE: 3/4" = 1'-0"



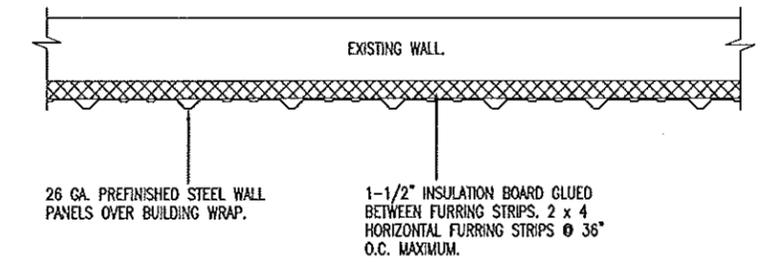
D
5
GABLE END WALL
SCALE: 3/4" = 1'-0"



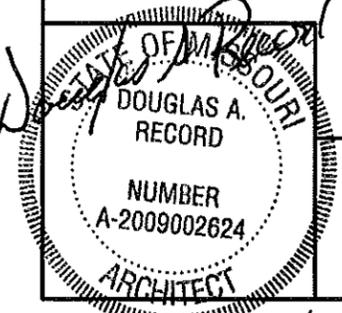
E
5
OVERHEAD DOOR JAMB
SCALE: 3/4" = 1'-0"



B
5
CORNER PLAN VIEW
SCALE: 3/4" = 1'-0"



C
5
WALL PLAN VIEW
SCALE: 3/4" = 1'-0"



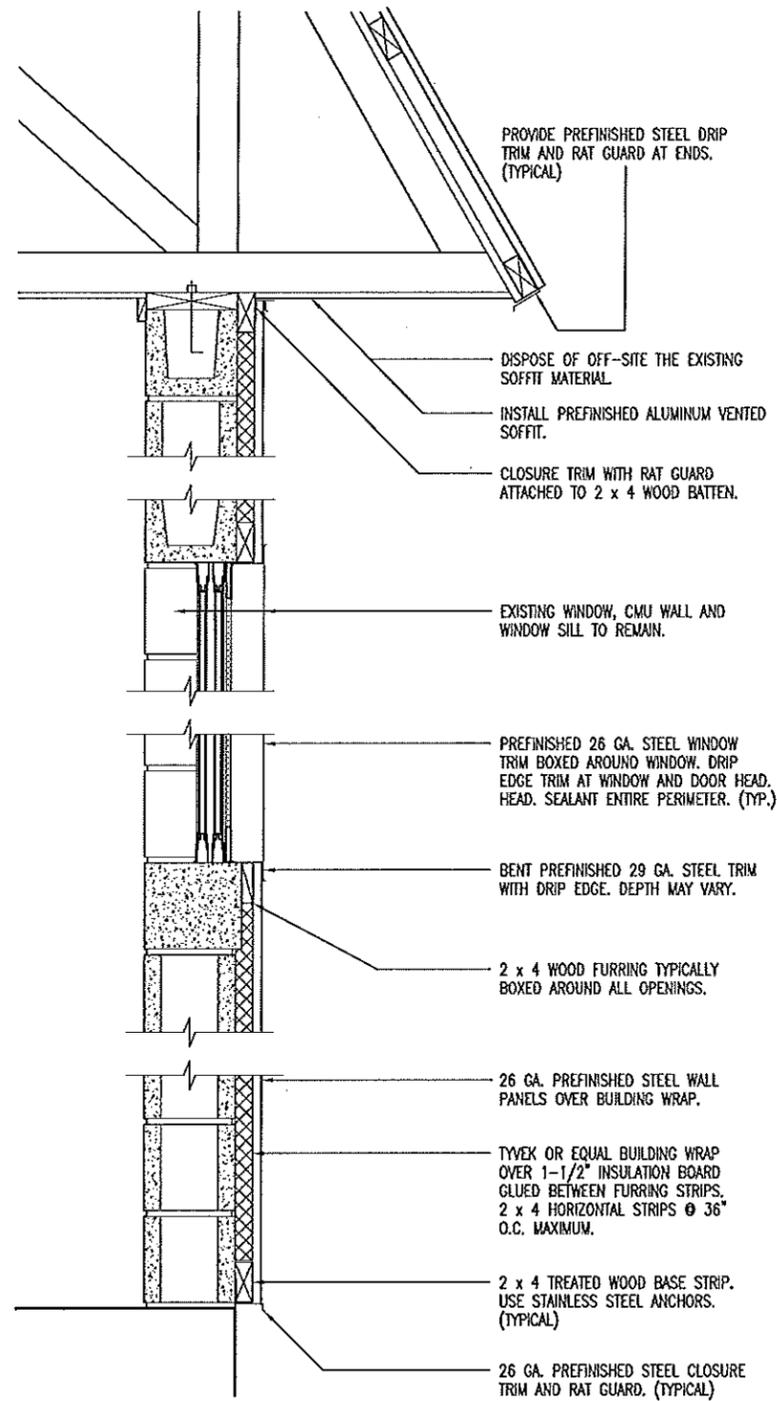
6/9/19

DETAILS

MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

Fulton Maintenance Building Metal Siding & Roof
4975 County Road 304
CENTRAL DISTRICT

DRAWN BY: LARRY CARVER
CHECKED BY: DOUG RECORD
DATE: 6-9-14
Sheet
5 of 8



PROVIDE PREFINISHED STEEL DRIP TRIM AND RAT GUARD AT ENDS. (TYPICAL)

DISPOSE OF OFF-SITE THE EXISTING SOFFIT MATERIAL.

INSTALL PREFINISHED ALUMINUM VENTED SOFFIT.

CLOSURE TRIM WITH RAT GUARD ATTACHED TO 2 x 4 WOOD BATTEN.

EXISTING WINDOW, CMU WALL AND WINDOW SILL TO REMAIN.

PREFINISHED 26 GA. STEEL WINDOW TRIM BOXED AROUND WINDOW. DRIP EDGE TRIM AT WINDOW AND DOOR HEAD. SEALANT ENTIRE PERIMETER. (TYP.)

BENT PREFINISHED 29 GA. STEEL TRIM WITH DRIP EDGE. DEPTH MAY VARY.

2 x 4 WOOD FURRING TYPICALLY BOXED AROUND ALL OPENINGS.

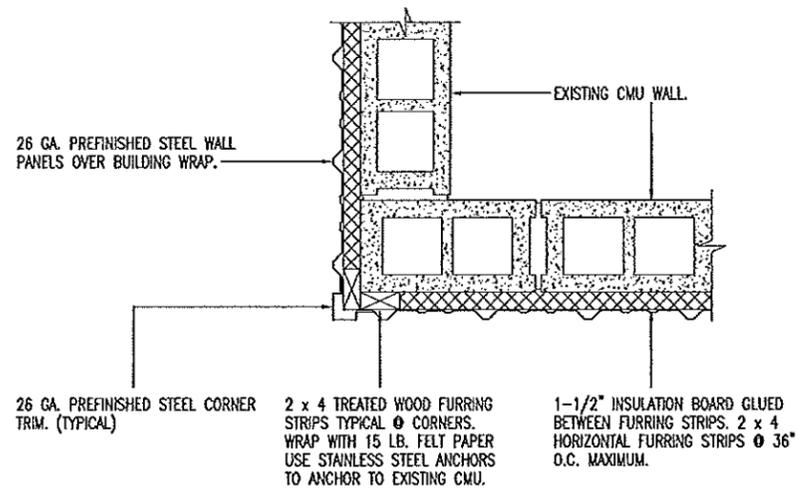
26 GA. PREFINISHED STEEL WALL PANELS OVER BUILDING WRAP.

TYVEK OR EQUAL BUILDING WRAP OVER 1-1/2" INSULATION BOARD GLUED BETWEEN FURRING STRIPS. 2 x 4 HORIZONTAL STRIPS @ 36" O.C. MAXIMUM.

2 x 4 TREATED WOOD BASE STRIP. USE STAINLESS STEEL ANCHORS. (TYPICAL)

26 GA. PREFINISHED STEEL CLOSURE TRIM AND RAT GUARD. (TYPICAL)

A
6
METAL SIDING
WALL SECTION
SCALE: 3/4" = 1'-0"



26 GA. PREFINISHED STEEL WALL PANELS OVER BUILDING WRAP.

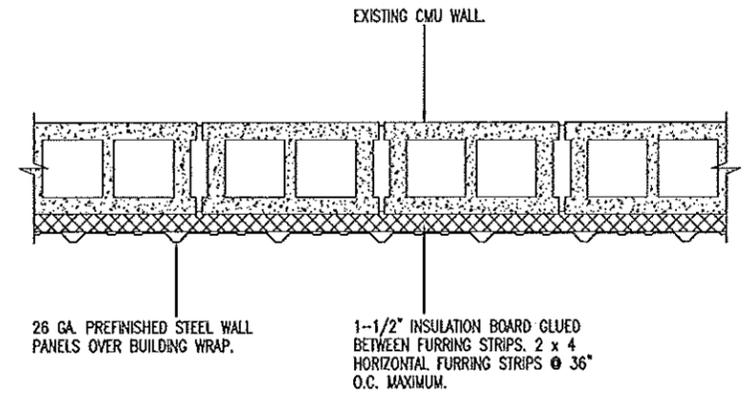
EXISTING CMU WALL.

26 GA. PREFINISHED STEEL CORNER TRIM. (TYPICAL)

2 x 4 TREATED WOOD FURRING STRIPS TYPICAL @ CORNERS. WRAP WITH 15 LB. FELT PAPER USE STAINLESS STEEL ANCHORS TO ANCHOR TO EXISTING CMU.

1-1/2" INSULATION BOARD GLUED BETWEEN FURRING STRIPS. 2 x 4 HORIZONTAL FURRING STRIPS @ 36" O.C. MAXIMUM.

B
6
CORNER PLAN VIEW
SCALE: 3/4" = 1'-0"



EXISTING CMU WALL.

26 GA. PREFINISHED STEEL WALL PANELS OVER BUILDING WRAP.

1-1/2" INSULATION BOARD GLUED BETWEEN FURRING STRIPS. 2 x 4 HORIZONTAL FURRING STRIPS @ 36" O.C. MAXIMUM.

C
6
WALL PLAN VIEW
SCALE: 3/4" = 1'-0"

GENERAL NOTES

CONTRACTOR TO PROVIDE SUFFICIENT BLOCKING AS DETERMINED BY MODOT FIELD REPRESENTATIVE FOR LIGHTING FIXTURES, CONDUITS, METERS, SATELLITE DISHES, ANTENNAS ETC.

SIDING COLOR AS SELECTED FROM MANUFACTURER'S STANDARD COLOR CHART BY THE MODOT FIELD REPRESENTATIVE.

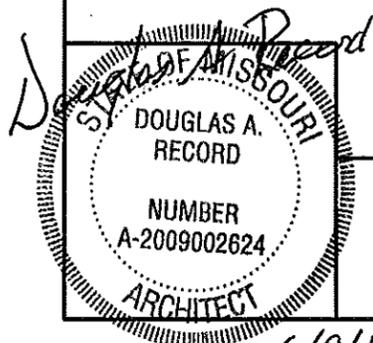
ALL DEBRIS TO BE REMOVED OFF-SITE.

WHEN INSTALLING THE NEW METAL EXTERIOR WINDOW SILLS AND JAMB TRIM, THE CONTRACTOR IS TO REMOVE ALL OLD SEALANT, INSTALL TRIM AND RESEAL COLOR TO MATCH TRIM COLOR.

PROVIDE CONTINUOUS DRIP EDGE AT ALL DOOR AND WINDOW HEADS AND ABOVE HVAC UNITS AND EXHAUST FANS.

CONTRACTOR RESPONSIBLE TO REPAIR LAWN AREA WITH TOPSOIL, SEED AND STRAW IF DAMAGED DURING CONSTRUCTION.

CONTRACTOR TO REMOVE EXISTING VINYL SIDING FROM TRUSSED OFFICE ADDITION AND DISCARD OFF SITE.



DETAILS

MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

Fulton Maintenance Building Metal Siding & Roof
4975 County Road 304
CENTRAL DISTRICT

DRAWN BY: LARRY CARVER
CHECKED BY: DOUG RECORD
DATE: 6-9-14
Sheet
6 of 8

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.

PROVIDE PREFINISHED STEEL CLOSURE TRIM AND RAT GUARD AT EDGE.

REMOVE EXISTING SOFFIT AND DISCARD OFF-SITE. PROVIDE & INSTALL PREFINISHED VENTED ALUMINUM SOFFIT. (TYPICAL)

CLOSURE TRIM WITH RAT GUARD ATTACHED TO 2 x 4 WOOD BATTEN.

26 GA. PREFINISHED STEEL WALL PANELS OVER BUILDING WRAP.

TYVEK OR EQUAL BUILDING WRAP OVER 1-1/2" INSULATION BOARD GLUED BETWEEN FURRING STRIPS. 2 x 4 HORIZONTAL STRIPS @ 36" O.C. MAXIMUM.

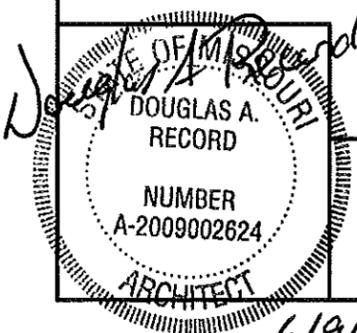
CONTINUOUS 2 x 4's @ 48" O.C. ATTACHED WITH 8" DECK SCREWS THROUGH EXISTING SINGLE-PLY TO REMAIN ONTO EXISTING WOOD RAFTERS BELOW. VERIFY LOCATION.

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
7 SCALE: 1/2" = 1'-0"

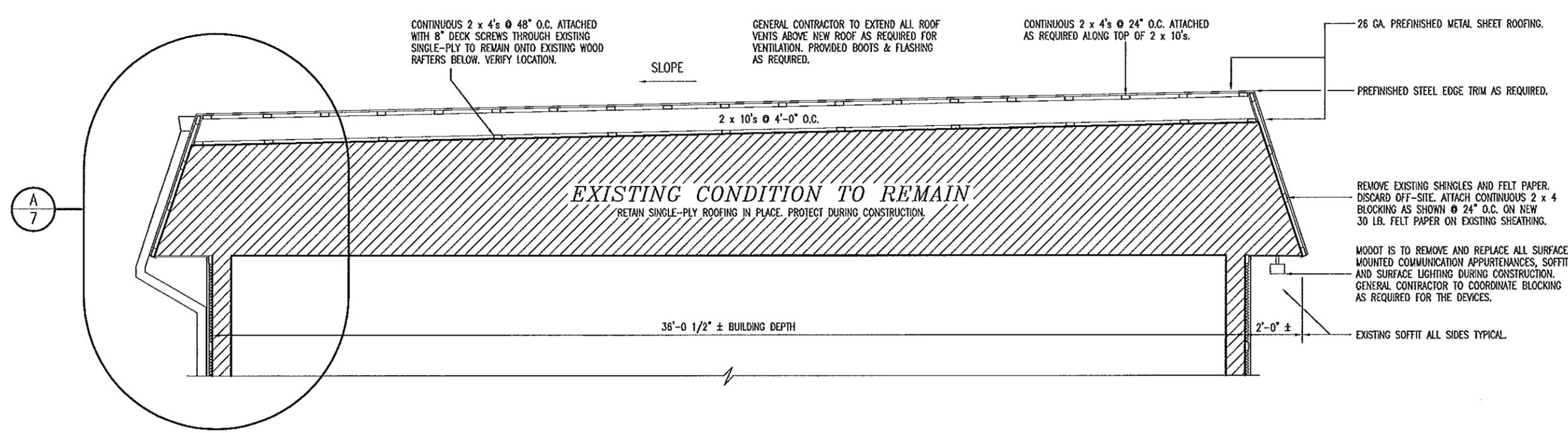


DETAILS

MISSOURI DEPARTMENT OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

Fulton Maintenance Building Metal Siding & Roof
4975 County Road 304
CENTRAL DISTRICT

DRAWN BY: LARRY CARVER
CHECKED BY: DOUG RECORD
DATE: 6-9-14
Sheet 7 of 8



A
8
ROOF SECTION
SCALE: 1/4" = 1'-0"

Record
 MISSOURI
 DOUGLAS A. RECORD
 NUMBER
 A-2009002624
 ARCHITECT
 6/9/14

ROOF SECTION

MISSOURI DEPARTMENT
 OF TRANSPORTATION
 DIVISION OF GENERAL SERVICES
 FACILITIES MANAGEMENT

Fulton Maintenance Building Metal Siding & Roof
 4975 County Road 304
 CENTRAL DISTRICT

DRAWN BY: LARRY CARVER
CHECKED BY: DOUG RECORD
DATE: 6-9-14
Sheet
8 of 8