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**GENERAL NOTE:**

MODOT WILL BE RESPONSIBLE FOR ALL ELECTRICAL AND HVAC ON THIS PROJECT EXCEPT WHERE NOTED.

# MISSOURI DEPARTMENT OF TRANSPORTATION

Mt. Vernon Truck Wash Building  
SOUTHWEST DISTRICT

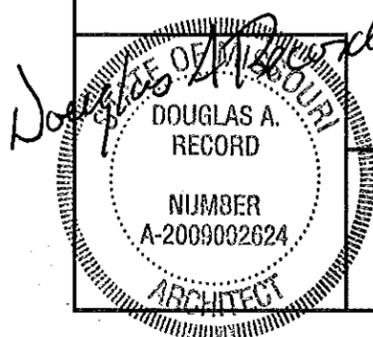
PHYSICAL ADDRESS: 1001 Spring Park Boulevard  
Lawrence County

Nevada Truck Wash Building  
SOUTHWEST DISTRICT

PHYSICAL ADDRESS: 601 West Outer Road North  
Vernon County

CODE REQUIREMENTS

BUILDING CODE - CURRENT IBC



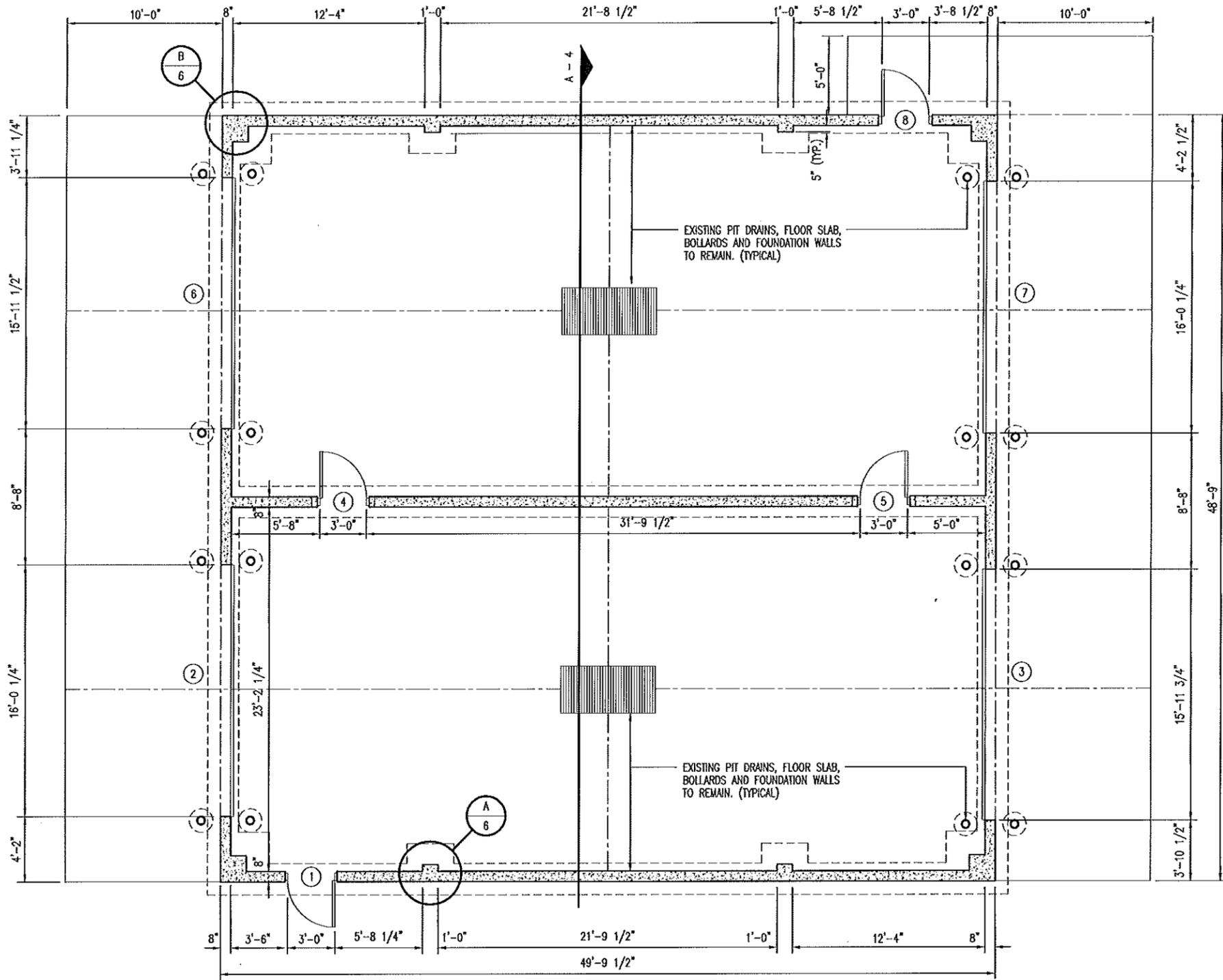
9/20/12

COVER SHEET

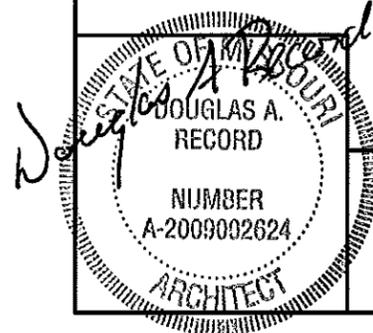
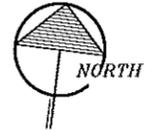
MISSOURI DEPARTMENT  
OF TRANSPORTATION  
DIVISION OF GENERAL SERVICES  
FACILITIES MANAGEMENT

Mt. Vernon & Nevada  
Truck Washes  
SOUTHWEST DISTRICT

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DATE: 9-14-12
Sheet
1 of 11



**A**  
**2** MT. VERNON FLOOR PLAN  
SCALE: 1/8" = 1'-0"

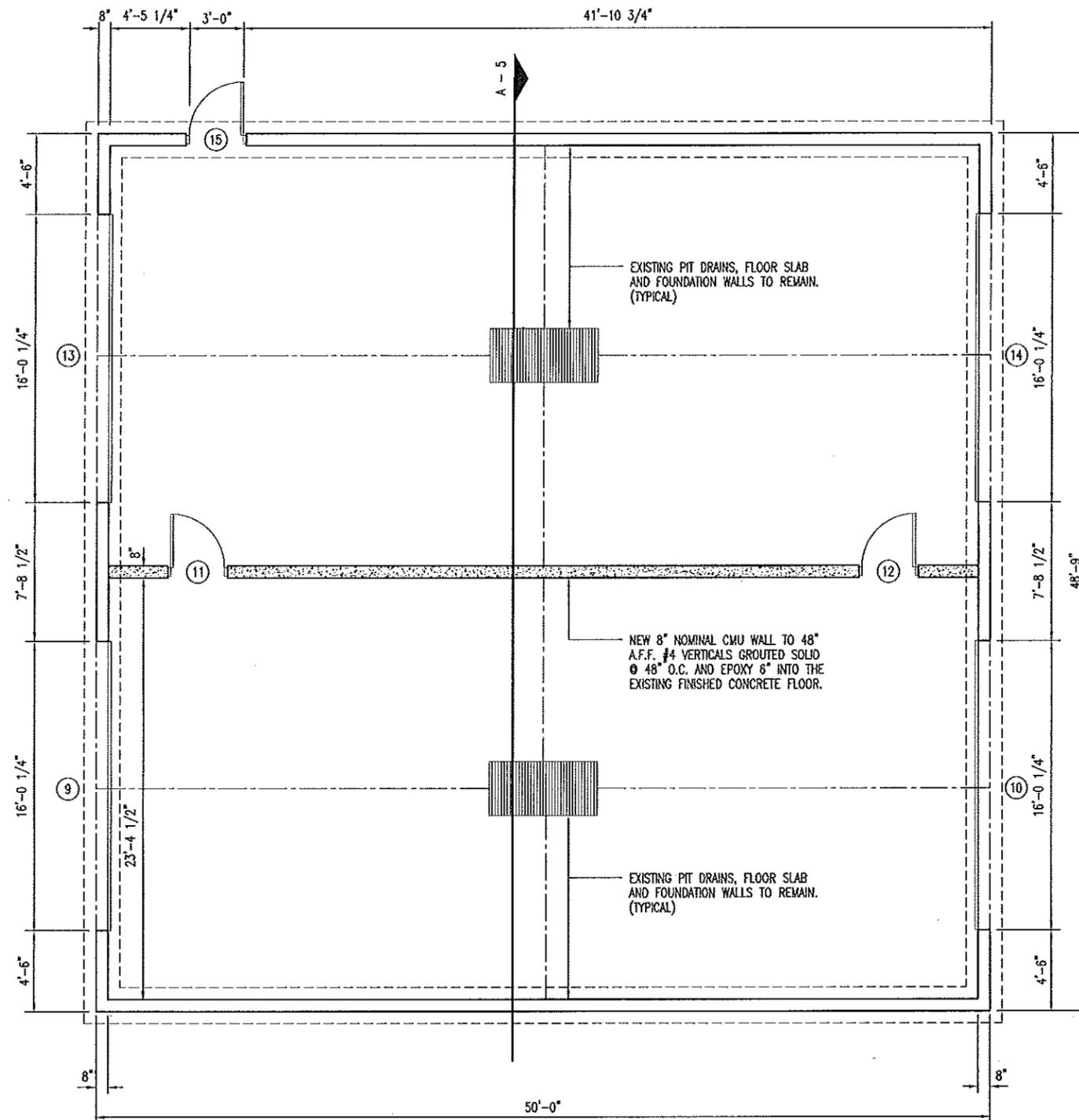


# MT. VERNON FLOOR PLAN

MISSOURI DEPARTMENT  
OF TRANSPORTATION  
DIVISION OF GENERAL SERVICES  
FACILITIES MANAGEMENT

Mt. Vernon & Nevada  
Truck Washes  
SOUTHWEST DISTRICT

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A  
3 NEVADA FLOOR PLAN  
SCALE: 1/8" = 1'-0"



*Joey*  
STATE OF MISSOURI  
DOUGLAS A. RECORD  
NUMBER  
A-2009002624  
ARCHITECT  
9/20/12

# NEVADA FLOOR PLAN

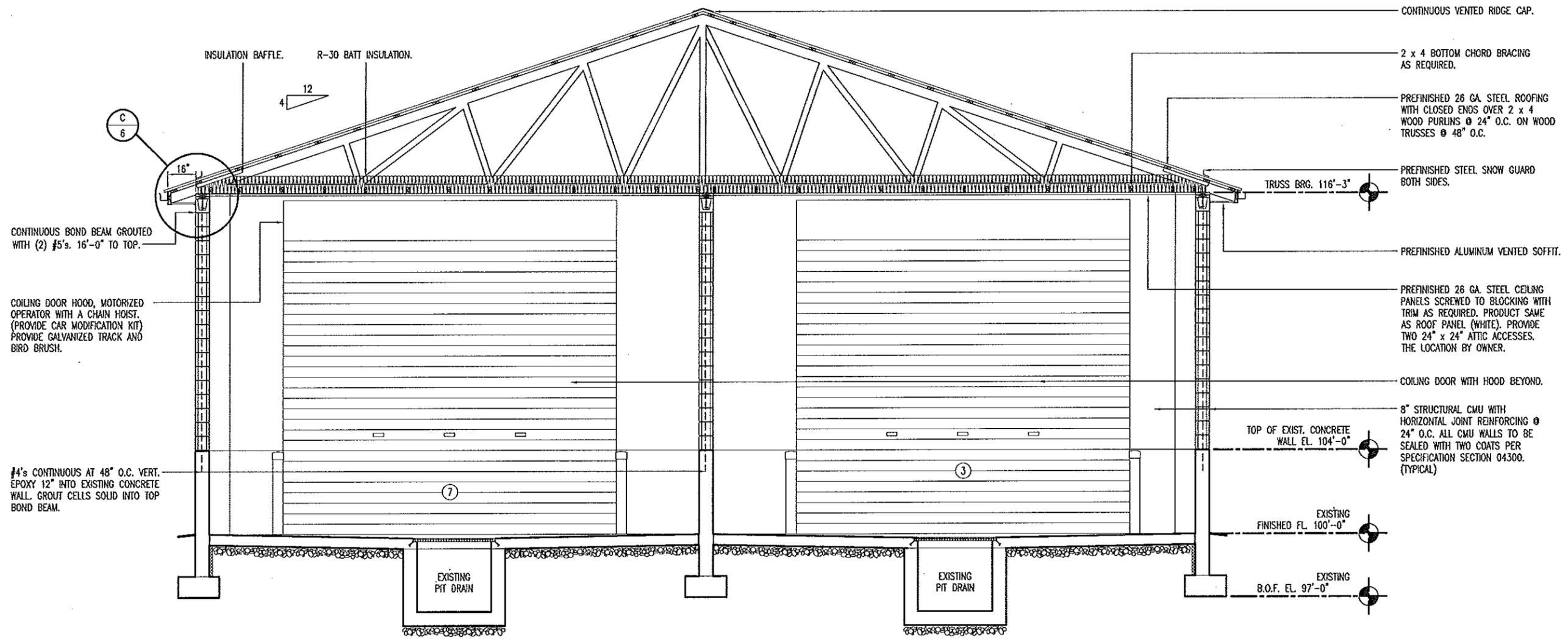
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Sheet

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A
4
 MT. VERNON BUILDING SECTION  
 SCALE: 3/16" = 1'-0"

Douglas A. Record  
 ARCHITECT

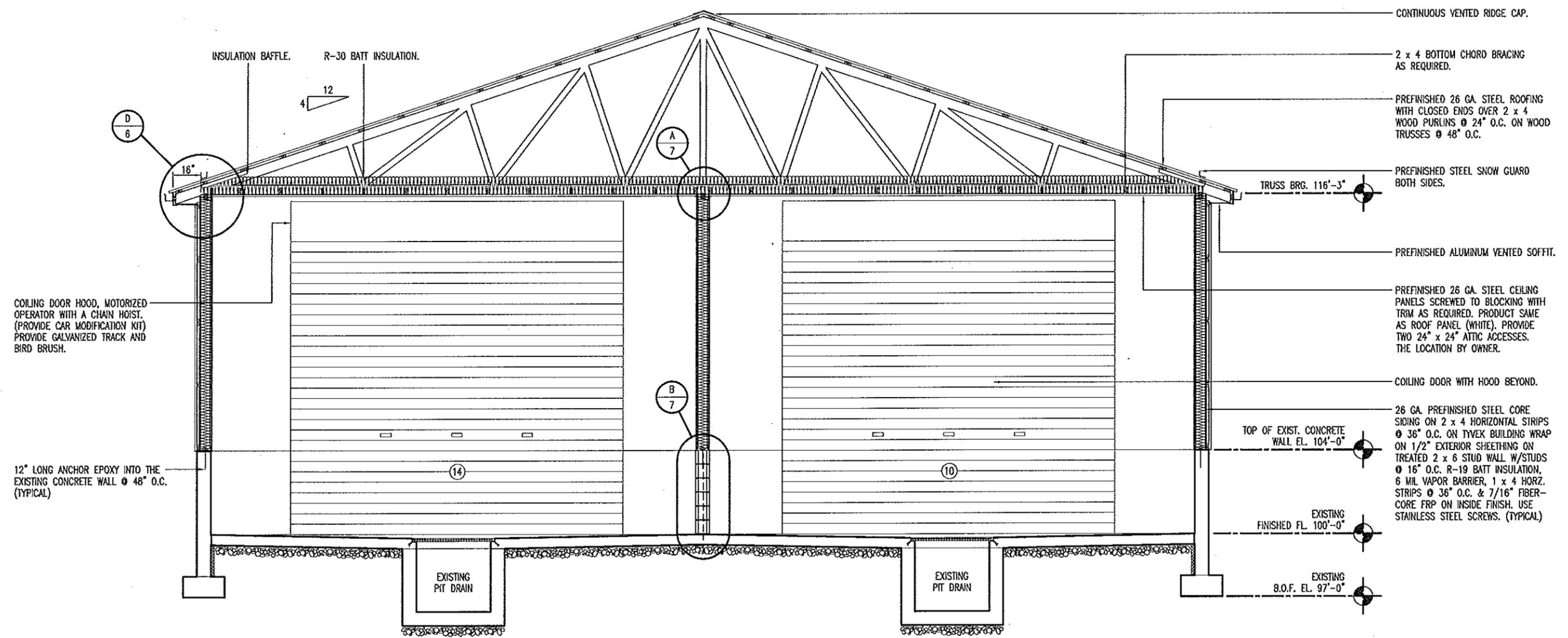
MISSOURI ARCHITECTS & ENGINEERS ASSOCIATION  
 RECORD  
 NUMBER  
 A-2009002624  
 9/20/12

# MT. VERNON BUILDING SECTION

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 OF TRANSPORTATION  
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Mt. Vernon & Nevada  
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NEVADA  
**A BUILDING SECTION**  
 5 SCALE: 3/16" = 1'-0"

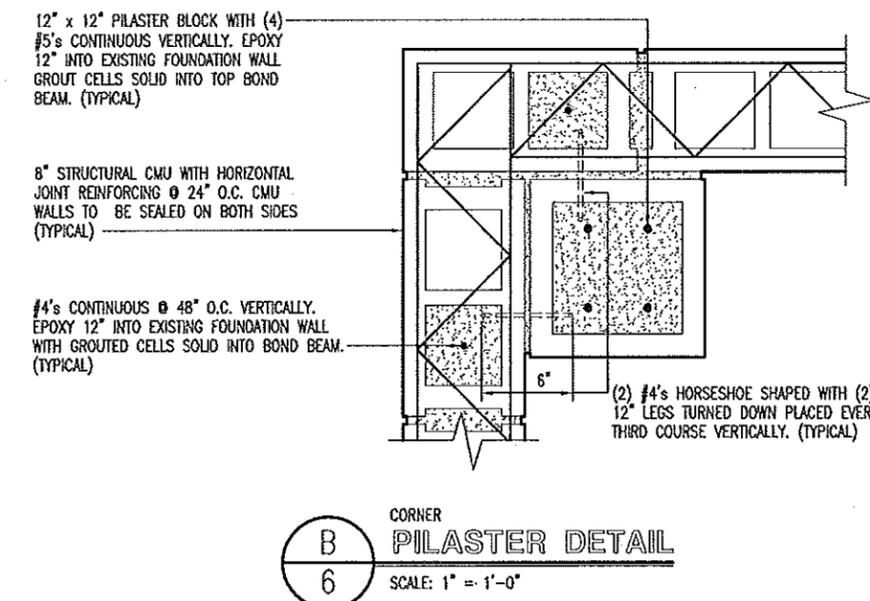
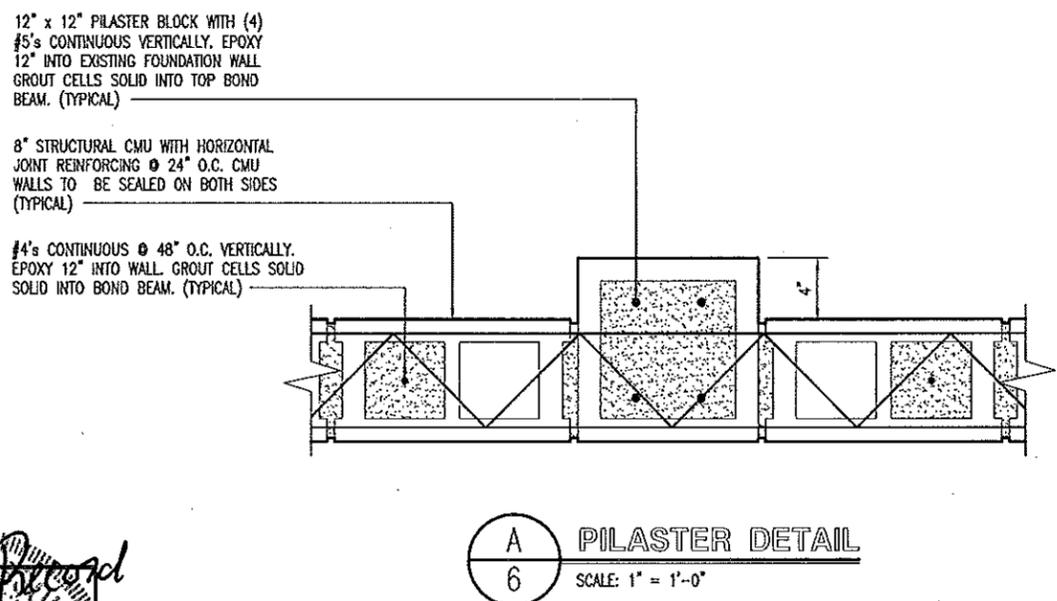
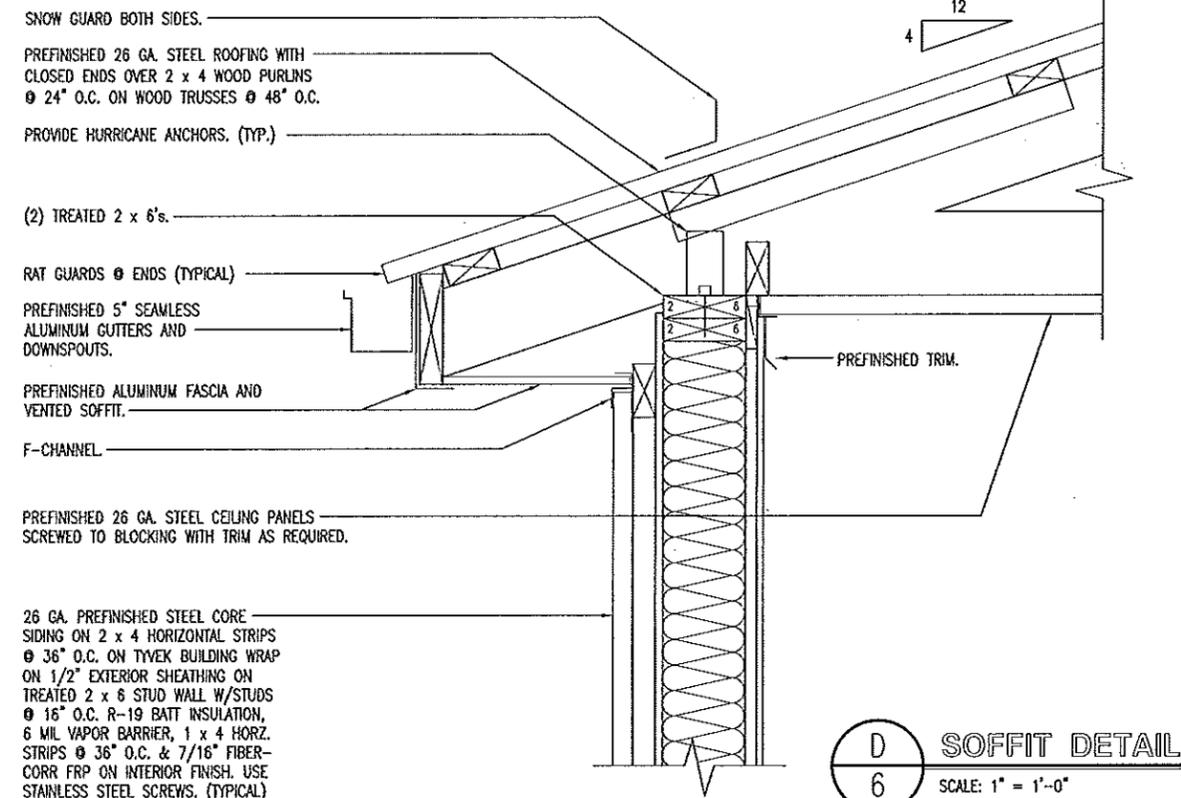
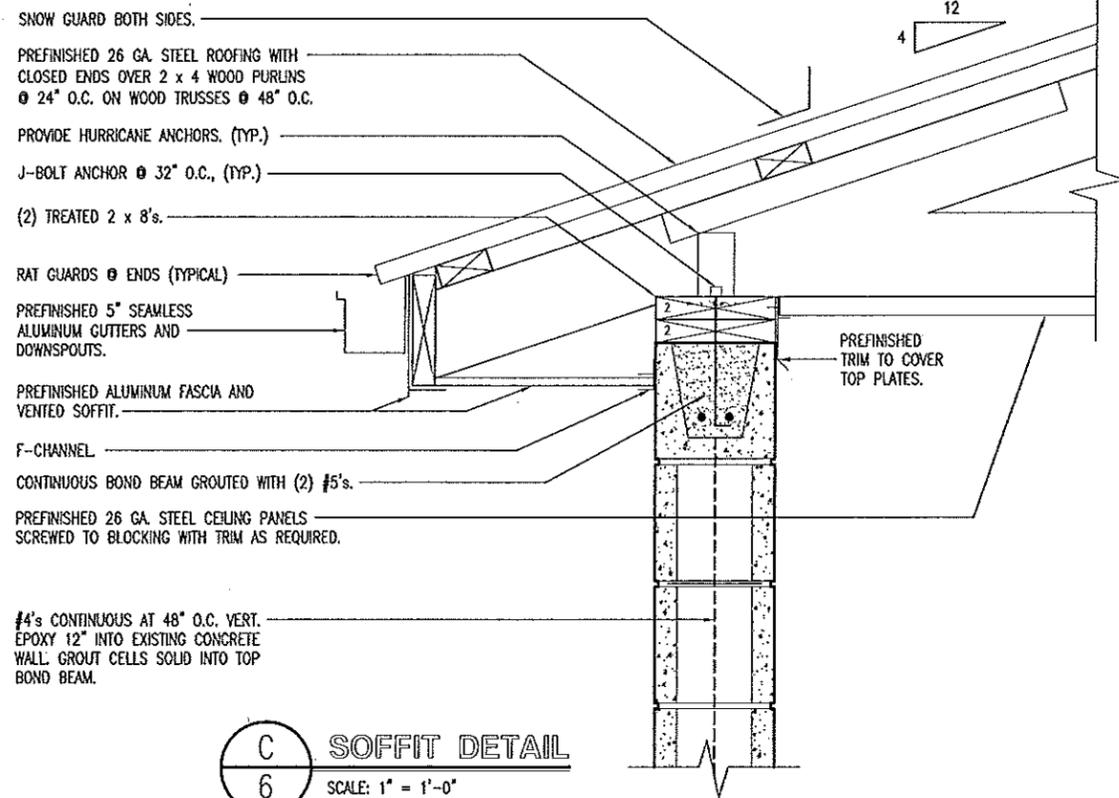
*Douglas A. Record*  
 STATE OF MISSOURI  
 DOUGLAS A. RECORD  
 ARCHITECT  
 NUMBER  
 A-2009092624  
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**NEVADA BUILDING SECTION**

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 OF TRANSPORTATION  
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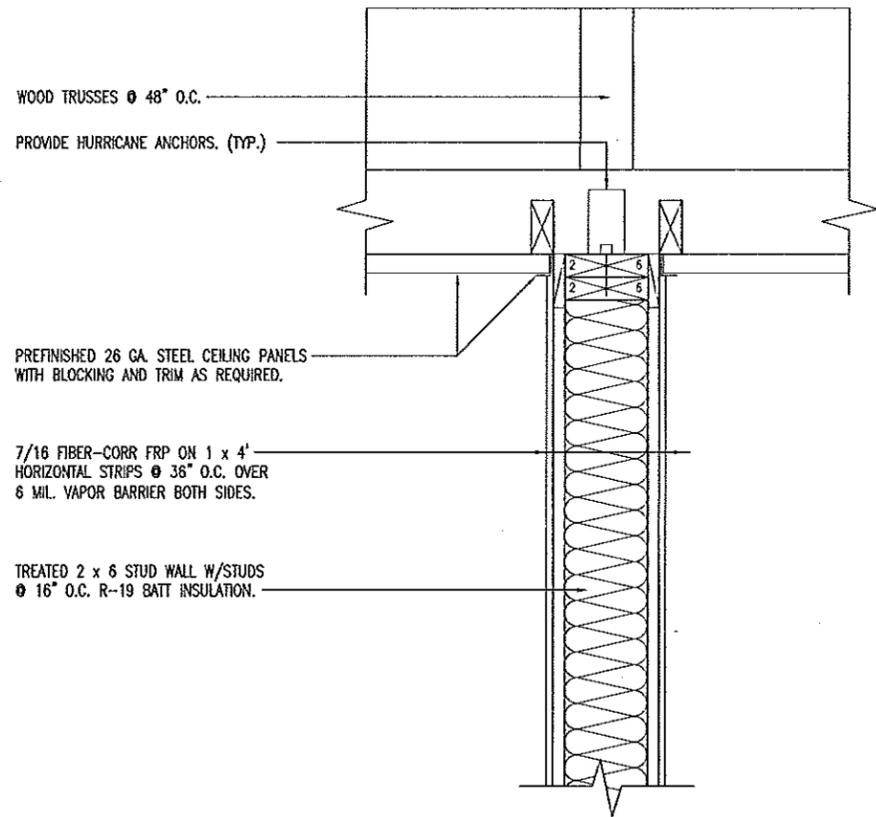
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ARCHITECT  
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DETAILS

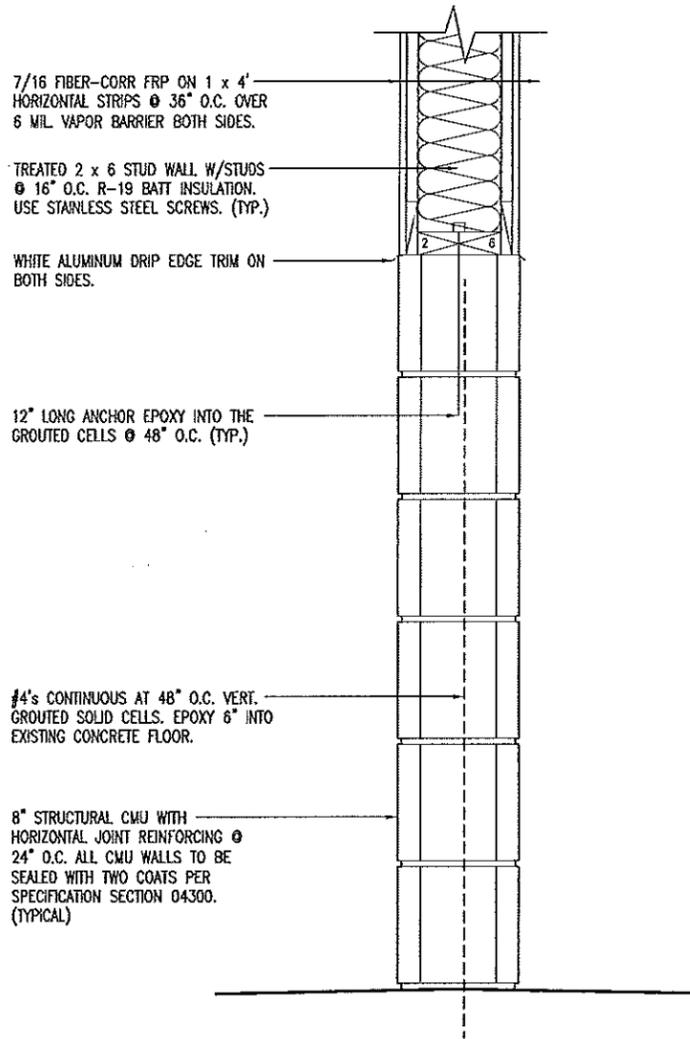
MISSOURI DEPARTMENT OF TRANSPORTATION  
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Truck Washes  
SOUTHWEST DISTRICT

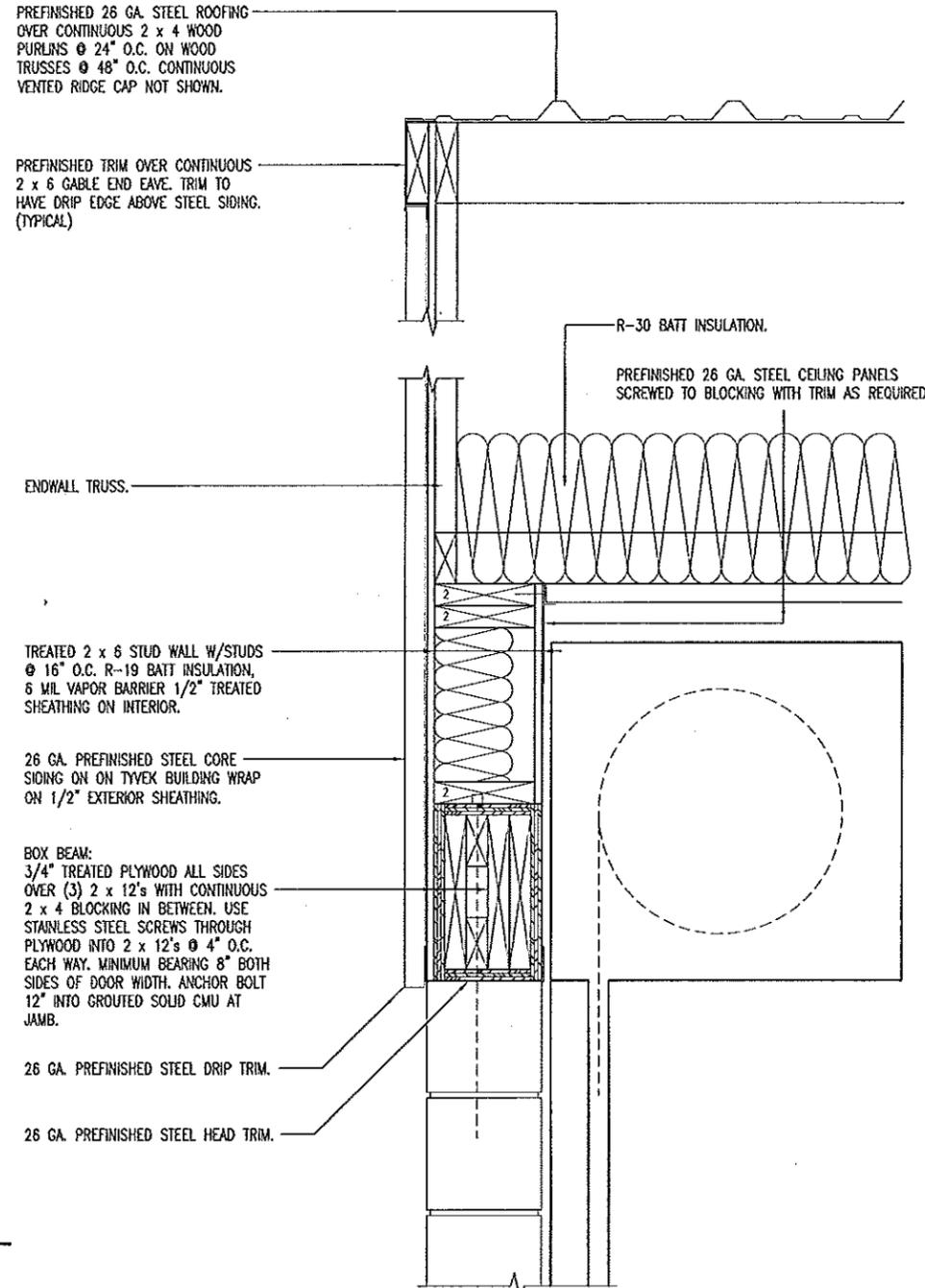
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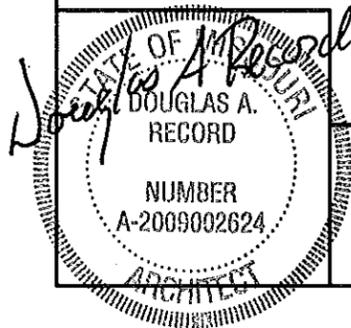
**A**  
7  
CENTER  
**WALL DETAIL**  
SCALE: 1" = 1'-0"



**B**  
7  
CMU @ CENTER  
**WALL DETAIL**  
SCALE: 1" = 1'-0"



**C**  
7  
COILING  
**DOOR HEAD**  
SCALE: 1" = 1'-0"



**DETAILS**

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OF TRANSPORTATION  
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FACILITIES MANAGEMENT

Mt. Vernon & Nevada  
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PREFINISHED 26 GA. STEEL ROOFING OVER CONTINUOUS 2 x 4 WOOD PURLINS @ 24" O.C. ON WOOD TRUSSES @ 48" O.C. CONTINUOUS VENTED RIDGE CAP NOT SHOWN.

PREFINISHED TRIM OVER CONTINUOUS 2 x 6 GABLE END EAVE. TRIM TO HAVE DRIP EDGE ABOVE STEEL SIDING. (TYPICAL)

R-30 BATT INSULATION.

PREFINISHED 26 GA. STEEL CEILING PANELS SCREWED TO BLOCKING WITH TRIM AS REQUIRED.

ENDWALL TRUSS.

TREATED 2 x 6 STUD WALL W/STUDS @ 16" O.C. R-19 BATT INSULATION, 6 MIL VAPOR BARRIER 3/4" TREATED SHEATHING ABOVE THE BOX BEAM.

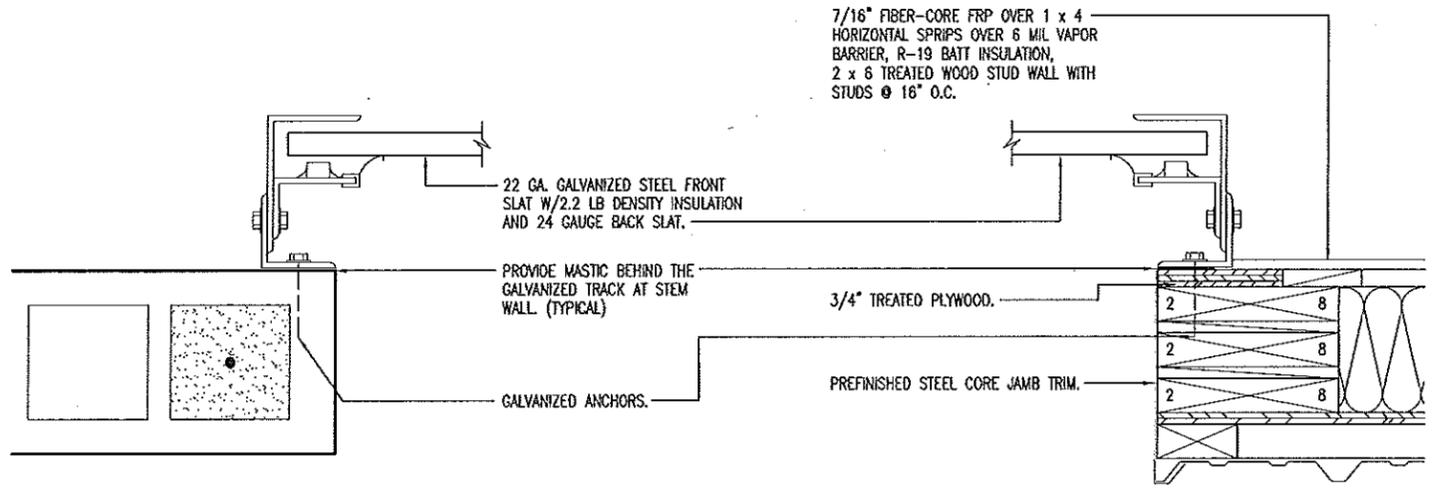
26 GA. PREFINISHED STEEL CORE SIDING ON 2 x 4 HORIZONTAL STRIPS @ 36" O.C. ON TYVEK BUILDING WRAP ON 1/2" EXTERIOR SHEATHING.

BOX BEAM:  
3/4" TREATED PLYWOOD ALL SIDES OVER (3) 2 x 12's WITH 1/4" PLYWOOD BLOCKING IN BETWEEN. USE STAINLESS STEEL SCREWS THROUGH PLYWOOD INTO 2 x 12's @ 4" O.C. EACH WAY. MINIMUM BEARING 8" BOTH SIDES OF DOOR WIDTH. ANCHOR BOLT TO TOP OF DOUBLE PLATE AT STUD WALL AT JAMBS.

26 GA. PREFINISHED STEEL DRIP TRIM.

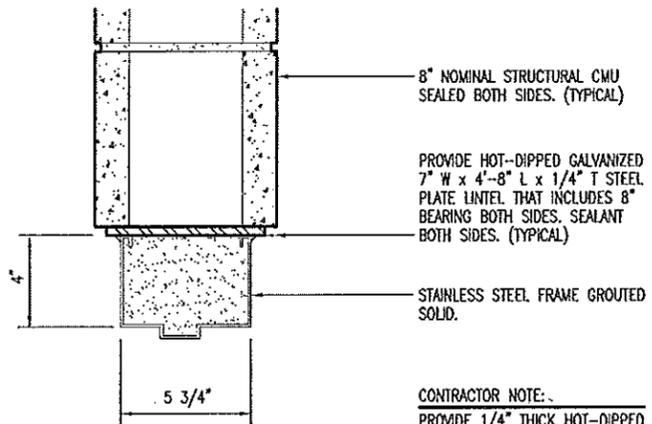
26 GA. PREFINISHED STEEL HEAD AND JAMB TRIM.

**A**  
8  
COILING  
**DOOR HEAD**  
SCALE: 1" = 1'-0"

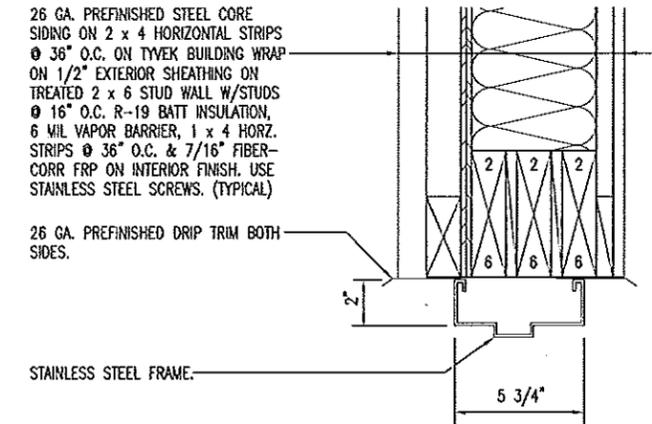


**D**  
8  
COILING GARAGE  
**DOOR JAMB**  
SCALE: 1-1/2" = 1'-0"

**E**  
8  
COILING GARAGE  
**DOOR JAMB**  
SCALE: 1-1/2" = 1'-0"

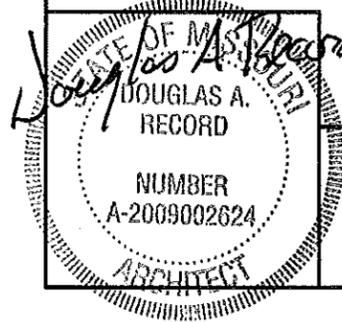


**B**  
8  
JAMB SIMILAR  
**DOOR HEAD**  
SCALE: 1-1/2" = 1'-0"



**C**  
8  
JAMB SIMILAR - CONCRETE FOUNDATION & FRAME  
**DOOR HEAD**  
SCALE: 1-1/2" = 1'-0"

CONTRACTOR NOTE:  
PROVIDE 1/4" THICK HOT-DIPPED GALVANIZED STEEL LINTEL OVER EACH EXHAUST FAN OPENING(S) WITH 8" BEARING BOTH SIDES. (TYPICAL)

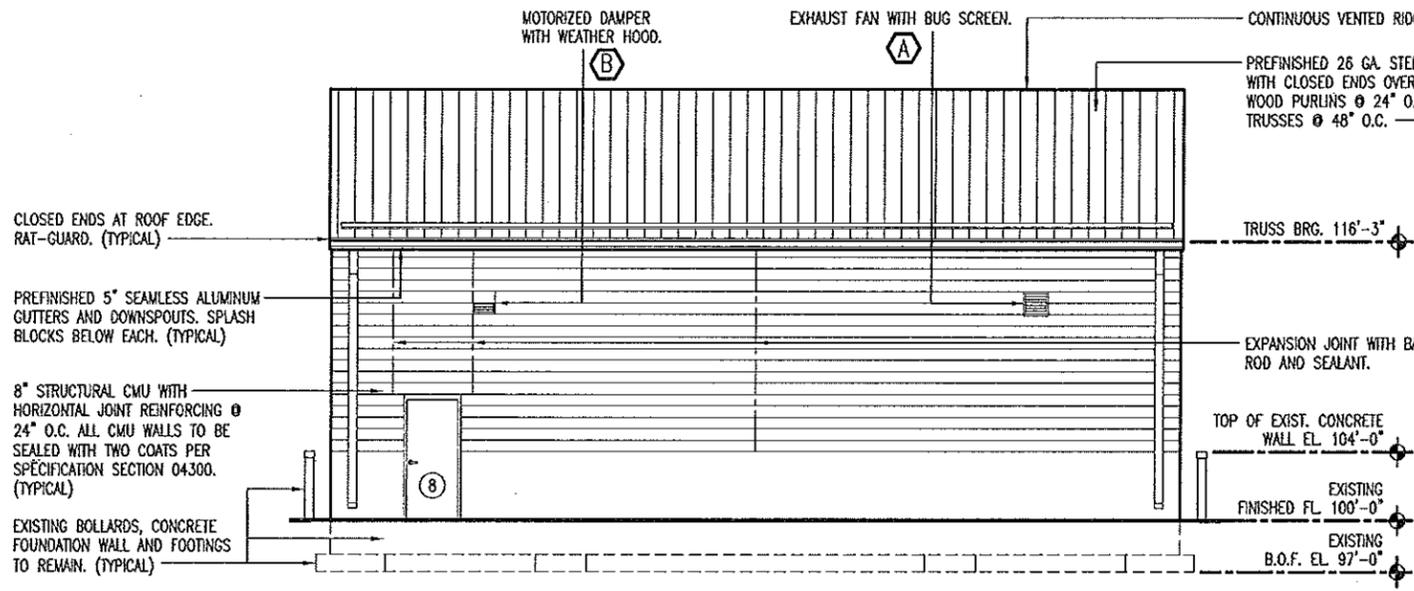


**DETAILS**

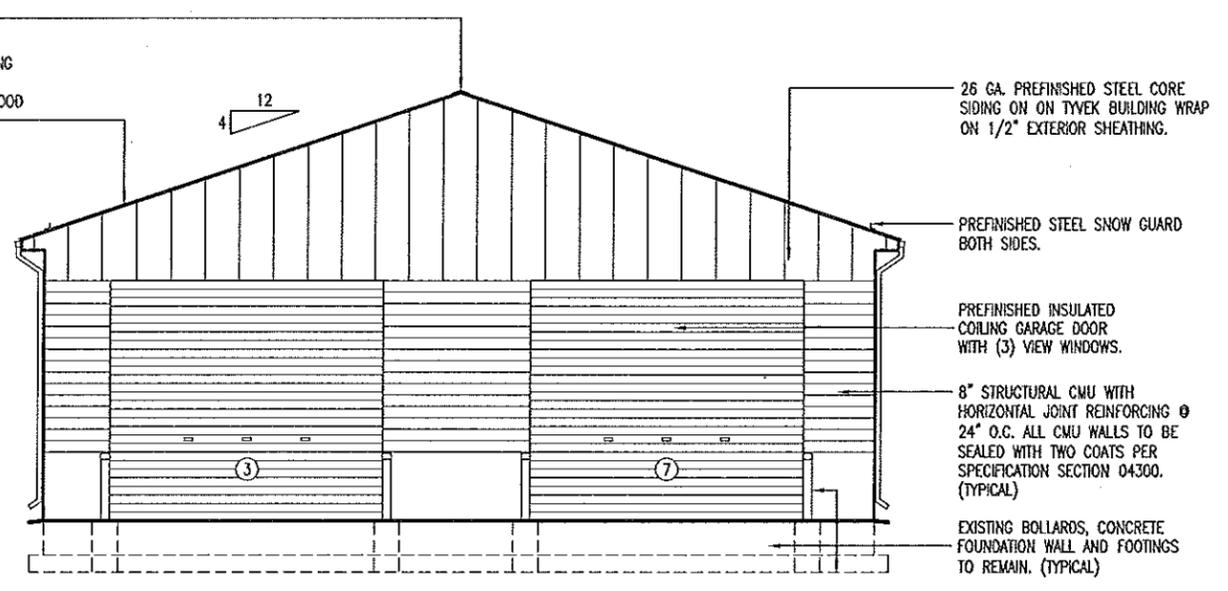
MISSOURI DEPARTMENT OF TRANSPORTATION  
DIVISION OF GENERAL SERVICES  
FACILITIES MANAGEMENT

Mt. Vernon & Nevada  
Truck Washes  
SOUTHWEST DISTRICT

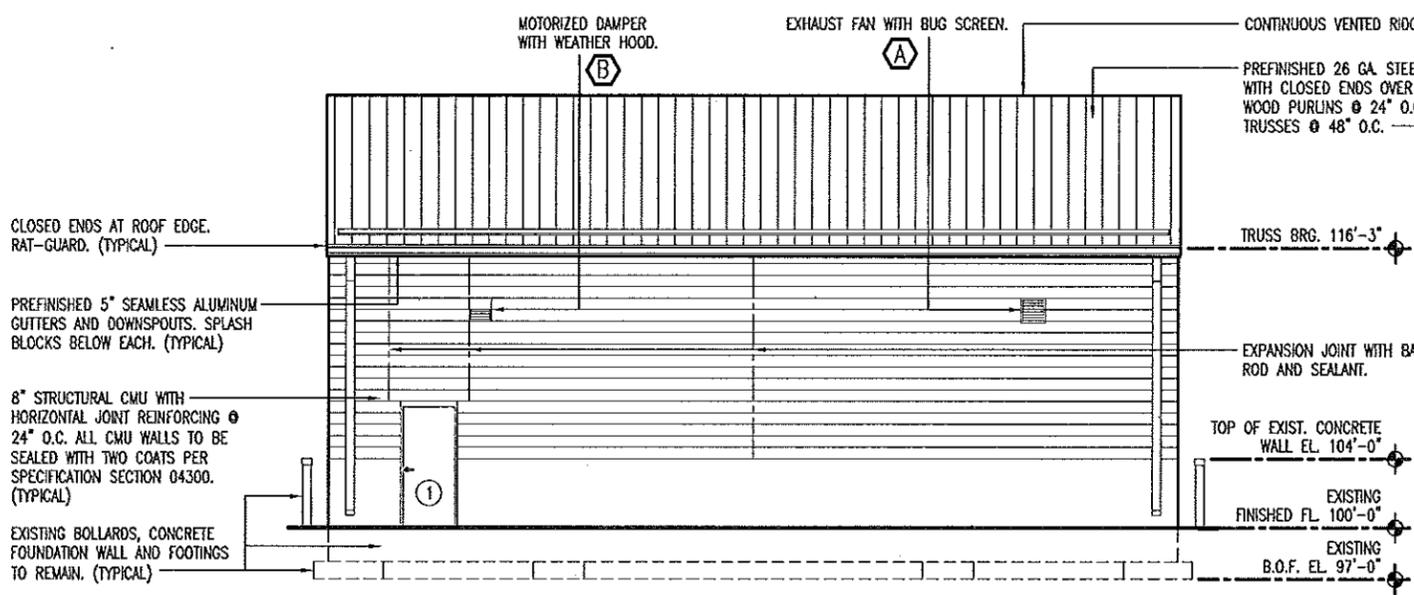
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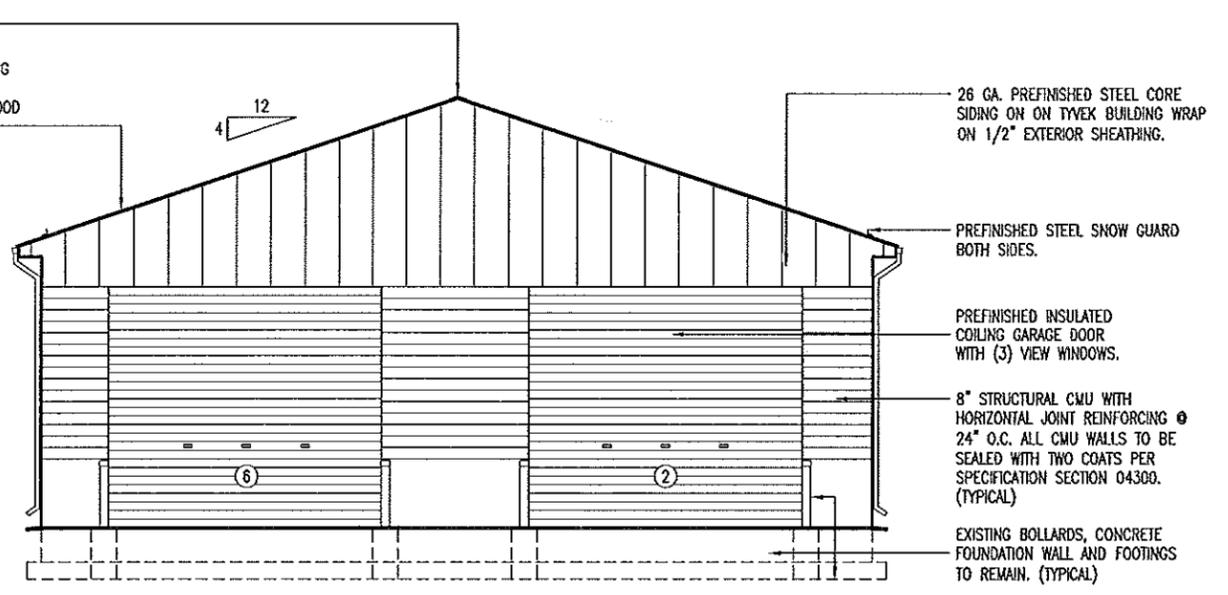
**C** MT. VERNON NORTH ELEVATION  
 9 SCALE: 3/32" = 1'-0"



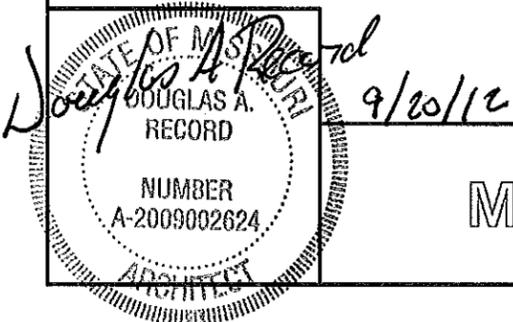
**D** MT. VERNON EAST ELEVATION  
 9 SCALE: 3/32" = 1'-0"



**A** MT. VERNON SOUTH ELEVATION  
 9 SCALE: 3/32" = 1'-0"



**B** MT. VERNON WEST ELEVATION  
 9 SCALE: 3/32" = 1'-0"



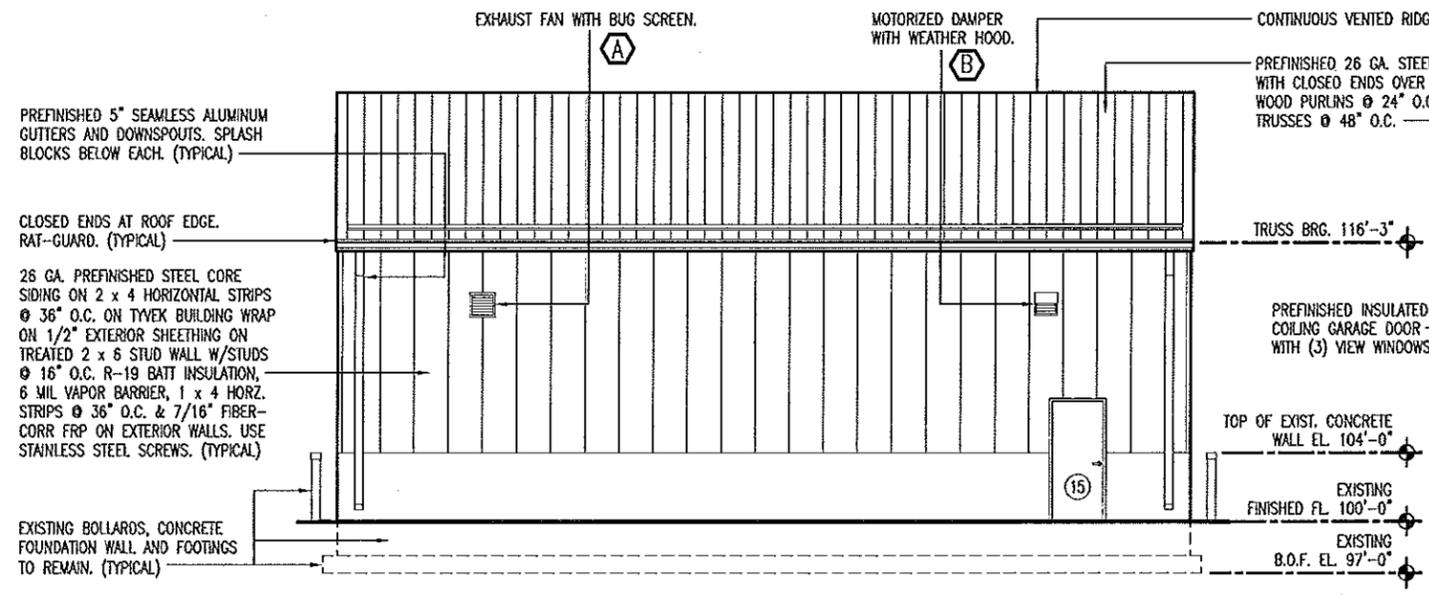
# MT. VERNON ELEVATIONS

MISSOURI DEPARTMENT  
 OF TRANSPORTATION  
 DIVISION OF GENERAL SERVICES  
 FACILITIES MANAGEMENT

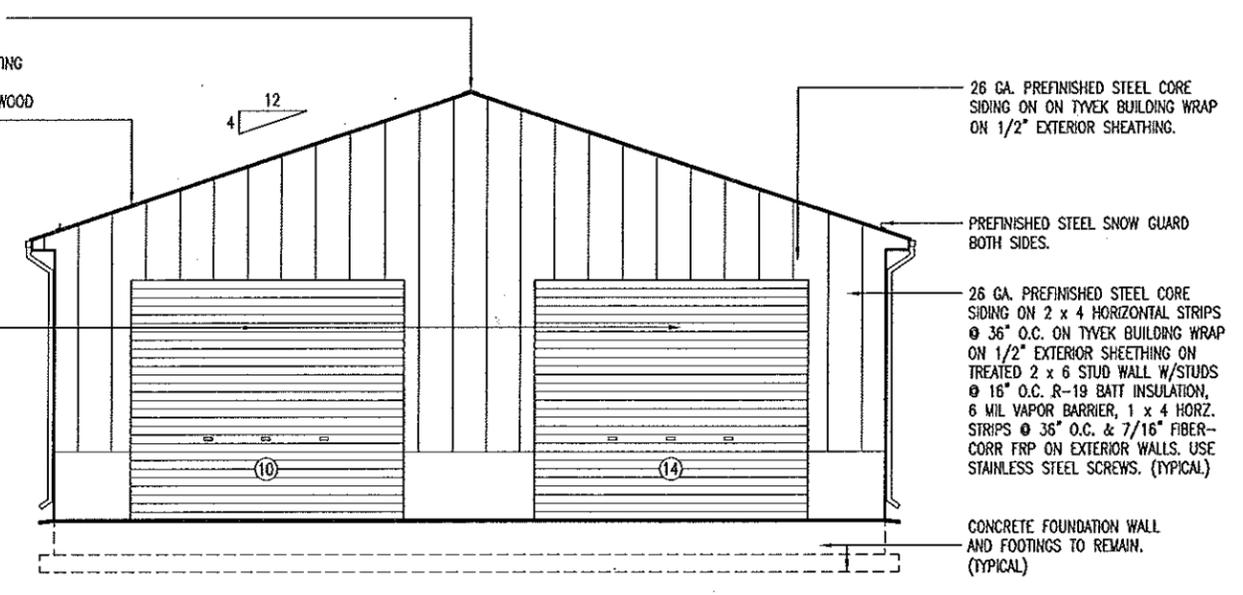
Mt. Vernon & Nevada  
 Truck Washes  
 SOUTHWEST DISTRICT

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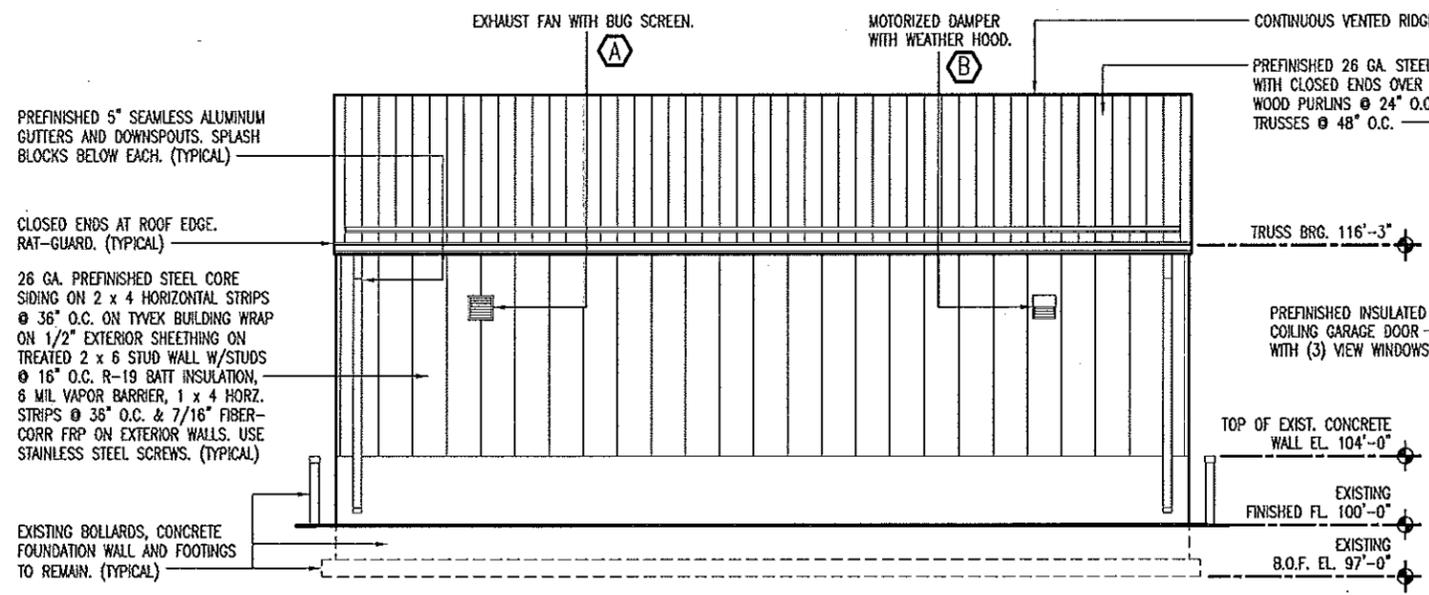
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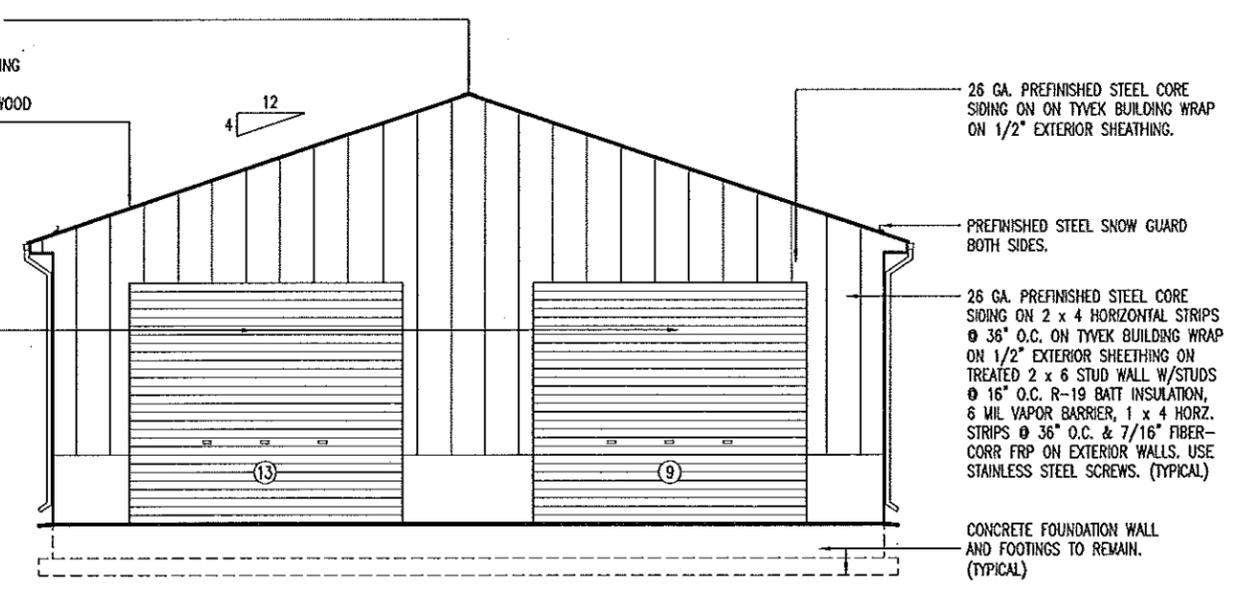
**C NEVADA NORTH ELEVATION**  
 10 SCALE: 3/32" = 1'-0"



**D NEVADA EAST ELEVATION**  
 10 SCALE: 3/32" = 1'-0"



**A NEVADA SOUTH ELEVATION**  
 10 SCALE: 3/32" = 1'-0"



**B NEVADA WEST ELEVATION**  
 10 SCALE: 3/32" = 1'-0"

STATE OF MISSOURI  
 DOUGLAS A. RECORD  
 NUMBER A-2009002624  
 ARCHITECT  
 9/20/12

**NEVADA ELEVATIONS**

MISSOURI DEPARTMENT  
 OF TRANSPORTATION  
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 FACILITIES MANAGEMENT

Mt. Vernon & Nevada  
 Truck Washes  
 SOUTHWEST DISTRICT

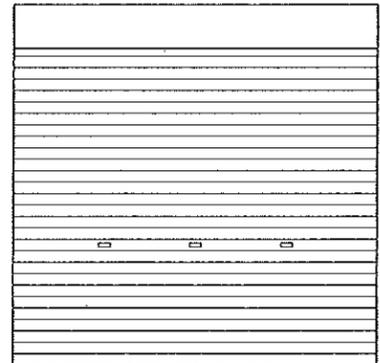
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DOOR SCHEDULE							
NO.	SIZE	SWING	DR. TYPE	FRM. TYPE	DETAIL	FRM. DEPTH	HDWR. GRP.
1	3'-0" x 7'-0" x 1-3/4"	RHR	A	I	B-8	5-3/4"	1
2	16'-0" x 14'-0" x 2"	--	B	--	--	--	--
3	16'-0" x 14'-0" x 2"	--	B	--	--	--	--
4	3'-0" x 7'-0" x 1-3/4"	RHR	A	II	B-8	5-3/4"	2
5	3'-0" x 7'-0" x 1-3/4"	LHR	A	II	B-8	5-3/4"	2
6	16'-0" x 14'-0" x 2"	--	B	--	--	--	--
7	16'-0" x 14'-0" x 2"	--	B	--	--	--	--
8	3'-0" x 7'-0" x 1-3/4"	RHR	A	II	B-8	5-3/4"	1
9	16'-0" x 14'-0" x 2"	--	B	--	--	--	--
10	16'-0" x 14'-0" x 2"	--	B	--	--	--	--
11	3'-0" x 7'-0" x 1-3/4"	RHR	A	I	A-11	5-3/4"	2
12	3'-0" x 7'-0" x 1-3/4"	LHR	A	I	A-11	5-3/4"	2
13	16'-0" x 14'-0" x 2"	--	B	--	--	--	--
14	16'-0" x 14'-0" x 2"	--	B	--	--	--	--
15	3'-0" x 7'-0" x 1-3/4"	LHR	A	I	C-8	5-3/4"	1

EXTERIOR INSULATED STAINLESS STEEL DOOR. INCLUDE REINFORCEMENT FOR DOOR CLOSER AND TOP FILLER CHANNEL.

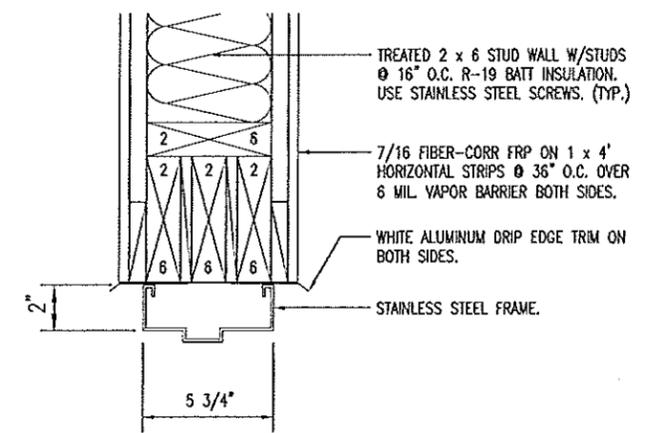
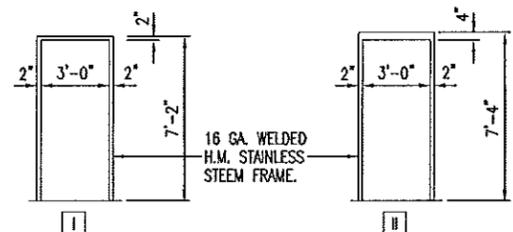
(A)



COILING DOOR HOOD, MOTORIZED OPERATOR WITH A CHAIN HOIST. (PROVIDE CAR MODIFICATION KIT) PROVIDE GALVANIZED TRACK AND BIRD BRUSH.

16'-0" x 14'-0" x 2" PREFINISHED INSULATED COILING GARAGE DOOR WITH (3) VIEW WINDOWS WHITE BAKED ON POLYESTER TOP COAT PAINT BOTH SIDES. (TYPICAL)

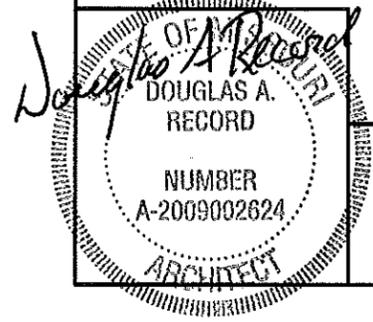
(B)



JAMB SIMILAR - 8" CMU & FRAME.  
**A**  
**11**  
 DOOR HEAD  
 SCALE: 1-1/2" = 1'-0"

HVAC SCHEDULE						
SYM.	UNIT	MANUFACTURER	BTU OUTPUT	FUEL	VOLTAGE	REMARKS
(A)	16" DIA. CORROSION RESISTANT SHUTTER FAN	DAYTON 1BLJ1 OSHA GUARD OR EQUAL	2,005 CFM	ELECTRIC	115	FIBERGLASS SHUTTER & BLADES. 2.1 AMPS. PROVIDE 16" x 16" x WALL DEPTH STAINLESS STEEL WALL SLEEVE THAT HAS MITERED INSIDE CORNERS. (VERIFY WALL SLEEVE SIZE)
(B)	MOTORIZED DAMPER WITH WEATHERHOOD	DAYTON MODEL 4C560 OR EQUAL 60 HERTZ	--	ELECTRIC	115	16" CENTER-PIVOTING, MOTORIZED, GALV. STEEL DAMPER. WIRE TO OPEN WHEN THE EXHAUST FAN IS TURNED ON. HOOD EQUAL TO NATIONAL FAN CO. Ph: 1-877-389-3131 16" GALVANIZED WEATHER HOOD. MODEL# NFC-GH-XF16. PROVIDE 16" x 16" x WALL DEPTH STAINLESS STEEL WALL SLEEVE THAT HAS MITERED INSIDE CORNERS. (VERIFY WALL SLEEVE SIZE)

GENERAL CONTRACTOR TO PROVIDE AND INSTALL FAN AND MOTORIZED DAMPER IN THIS CONTRACT. MODOT TO PROVIDE ELECTRICIAN.



# SCHEDULES

MISSOURI DEPARTMENT OF TRANSPORTATION  
 DIVISION OF GENERAL SERVICES  
 FACILITIES MANAGEMENT

Mt. Vernon & Nevada  
 Truck Washes  
 SOUTHWEST DISTRICT

DRAWN BY: LARRY CARVER  
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