

MISSOURI DEPARTMENT OF TRANSPORTATION

Springfield Truck Parking Building
Southwest District
3025 East Kearney Street, Springfield, MO
Greene County

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CODE REQUIREMENTS

BUILDING CODE - IBC 2012

ELECTRICAL CODE - CURRENT N.E.C.

BUILDING LOADS / DESCRIPTION:

WIDTH: 60 LENGTH: 120 HEIGHT: 18/18
(BUILDING DIMENSIONS ARE NOMINAL. REFER TO PLANS).

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY: IBC 12 / AISC10 / NAUS07.

THE CONTRACTOR IS TO CONFIRM THAT THESE LOADS COMPLY WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT.

ROOF DEAD LOAD: 2.000 PSF (ROOF PANELS & PURLINS)

COLLATERAL LOAD: 0 PSF

ROOF LIVE LOAD: PRIMARY: 20.00 PSF
SECONDARY: 20 PSF

GROUND SNOW LOAD: 20 PSF

ROOF SNOW LOAD: 14 PSF

DESIGN WIND SPEED: 115 MPH

SEISMIC ZONE: C

WIND EXPOSURE: C

IMPORTANCE FACTORS:

WIND LOAD: 1.00
SNOW LOAD: 1.0000
SEISMIC LOAD: 1.00

BUILDER / CONTRACTOR RESPONSIBILITIES

IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO INSURE THAT ALL PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DATA AND DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE METAL BUILDING SYSTEM MANUFACTURER OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT.

THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE APPROPRIATE AGENCY AS REQUIRED. APPROVAL OF THE METAL BUILDING SYSTEM MANUFACTURER'S DRAWINGS AND CALCULATIONS INDICATE THAT THE METAL BUILDING SYSTEM MANUFACTURER CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS. (SECT. 4.2.1 AISC CODE OF STANDARD PRACTICES, 9TH ED.)

WHERE DISCREPANCIES EXIST BETWEEN THE METAL BUILDING SYSTEM MANUFACTURER'S STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 3.3 AISC CODE OF STANDARD PRACTICE 9TH ED.)

DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY THE METAL BUILDING SYSTEM MANUFACTURER ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN THE METAL BUILDING SYSTEM MANUFACTURER'S ENGINEER UNLESS SPECIFICALLY INDICATED.

THE CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK IN COMPLIANCE WITH THE METAL BUILDING SYSTEM MANUFACTURER 'FOR CONSTRUCTION' DRAWINGS.

ALL BRACING AS SHOWN AND PROVIDED BY THE METAL BUILDING SYSTEM MANUFACTURER FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE.

TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND FURNISHED AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS WILL SECURE THE STEEL FRAMING, OR ANY PARTLY ASSEMBLED STEEL FRAMING, AGAINST LOADS COMPARABLE IN INTENSITY TO THOSE FOR WHICH THE STRUCTURE WAS DESIGNED, RESULTING FROM WIND, SEISMIC FORCES AND ERECTION OPERATIONS, BUT NOT THE LOADS RESULTING FROM THE PERFORMANCE OF WORK BY OR THE ACTS OF OTHERS, NOR SUCH UNPREDICTABLE LOADS AS THOSE DUE TO TORNADO, EXPLOSION, OR COLLISION. (SECT. 7.9.1 AISC CODE OF STANDARD PRACTICE, 9TH ED.)

WARNING: IN NO CASE SHOULD GALVALUME STEEL PANELS BE USED IN CONJUNCTION WITH LEAD OR COPPER. BOTH LEAD AND COPPER HAVE HARMFUL CORROSION EFFECTS ON THE ALUMINUM ZINC ALLOY COATING WHEN THEY ARE USED IN CONTACT WITH GALVALUME STEEL PANELS. EVEN RUN-OFF FROM COPPER FLASHING, WIRING, OR TUBING ONTO GALVALUME SHOULD BE AVOIDED.

APPROVAL NOTES

THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS APPROVAL DRAWINGS: IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS BE MADE IN CONTRASTING INK (PREFERABLY RED INK), HAVE ALL INSTANCES OF CHANGE CLEARLY INDICATED, AND BE LEGIBLE AND UNAMBIGUOUS.

A SIGNATURE AND DATE IS REQUIRED ON ALL PAGES. MANUFACTURER RESERVES THE RIGHT TO RE-SUBMIT DRAWINGS WITH EXTENSIVE OR COMPLEX CHANGES REQUIRED TO AVOID MISFABRICATION. THIS MAY IMPACT THE DELIVERY SCHEDULE.

APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT THE METAL BUILDING SYSTEM MANUFACTURER HAS CORRECTLY INTERPRETED THE CONTRACT REQUIREMENTS, AND FURTHER CONSTITUTES AGREEMENT THAT THE BUILDING AS DRAWN WITH INDICATED CHANGES REPRESENTS THE TOTAL OF THE MATERIALS TO BE SUPPLIED BY MANUFACTURER.

ANY CHANGES NOTED ON THE DRAWINGS NOT IN CONFORMANCE WITH THE TERMS AND REQUIREMENTS OF THE CONTRACT BETWEEN MANUFACTURER AND ITS CUSTOMER ARE NOT BINDING ON MANUFACTURER UNLESS SUBSEQUENTLY SPECIFICALLY ACKNOWLEDGED AND AGREED TO IN WRITING BY CHANGE ORDER OR SEPARATE DOCUMENTATION. MANUFACTURER

RECOGNIZES THAT RUBBER STAMPS ARE ROUTINELY USED FOR INDICATING APPROVAL, DISAPPROVAL, REJECTION, OR MERE REVIEW OF THE DRAWINGS SUBMITTED. HOWEVER, MANUFACTURER DOES NOT ACCEPT CHANGES OR ADDITIONS TO CONTRACTUAL TERMS AND CONDITIONS THAT MAY APPEAR WITH USE OF A STAMP OR SIMILAR INDICATION OF APPROVAL, DISAPPROVAL, ETC. SUCH LANGUAGE APPLIED TO MANUFACTURER'S DRAWINGS BY THE CUSTOMER, ARCHITECT, ENGINEER, OR ANY OTHER PARTY WILL BE CONSIDERED AS UNACCEPTABLE ALTERNATIONS TO THESE DRAWING NOTES, AND WILL NOT ALTER THE CONTRACTUAL RIGHTS AND OBLIGATIONS EXISTING BETWEEN MANUFACTURER AND ITS CUSTOMER.

IMPORTANT NOTE: FINAL DETAILING, FABRICATION, AND DELIVERY DATE OF THIS PROJECT CANNOT BE COMPLETED UNTIL THE SIGNED APPROVALS ARE RETURNED TO THE METAL BUILDING MANUFACTURER.

GENERAL NOTES:

- 1) MATERIALS:

HOT ROLLED BAR	MINIMUM YIELD:
STRUCTURAL STEEL SHEET	Fy = 50.0000 ksi MIN.
STRUCTURAL STEEL PLATE	Fy = 50.0000 ksi MIN.
COLD FORMED SHAPES	Fy = 57.0000 ksi MIN.
WALL SHEETING	Fy = 80.0000 ksi MIN.
ROOF SHEETING	Fy = 80.0000 ksi MIN.
BOLTS	A307 & A325

THE METAL BUILDING MANUFACTURER RESERVES THE RIGHT TO SUBSTITUTE THE ABOVE MATERIALS WITH EQUAL OR BETTER MATERIAL.

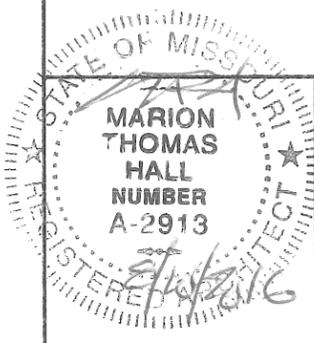
- 2) BOLT TIGHTENING REQUIREMENTS:

ALL HIGH STRENGTH BOLTS ARE A325 UNLESS NOTED OTHERWISE. HIGH STRENGTH BOLTS SHALL BE TIGHTENED BY THE TURN OF THE NUT METHOD IN ACCORDANCE WITH THE LATEST EDITION AISC 'SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS'. A325 BOLTS SHALL BE INSTALLED WITH OUT WASHERS WHEN TIGHTENED BY THE 'TURN OF THE NUT' METHOD. ALL BOLTED CONNECTIONS, FOR SHEAR/BEARING CONNECTION TYPE WITH BOLT THREADS EXCLUDED FROM THE SHEAR PLANE SHALL BE SNUG TIGHT ONLY.

- 3) ALL STRUCTURAL STEEL TO RECEIVE A RUST INHIBITIVE PRIMER. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.

DEFLECTION LIMITS:

EW COL:	180
EW RAF LIVE:	180
EW RAF WIND:	180
WALL GIRT:	90
PURL LIVE:	180
PURL WIND:	120
WALL PANEL:	90
ROOF PANEL LIVE:	180
ROOF PANEL WIND:	120
RF HORIZONTAL:	60
RF VERTICAL:	180
WIND BENT:	60
RF CRANE:	100
RF SEIS:	50
WIND BENT SEIS:	50



COVER SHEET

MISSOURI DEPARTMENT
OF TRANSPORTATION

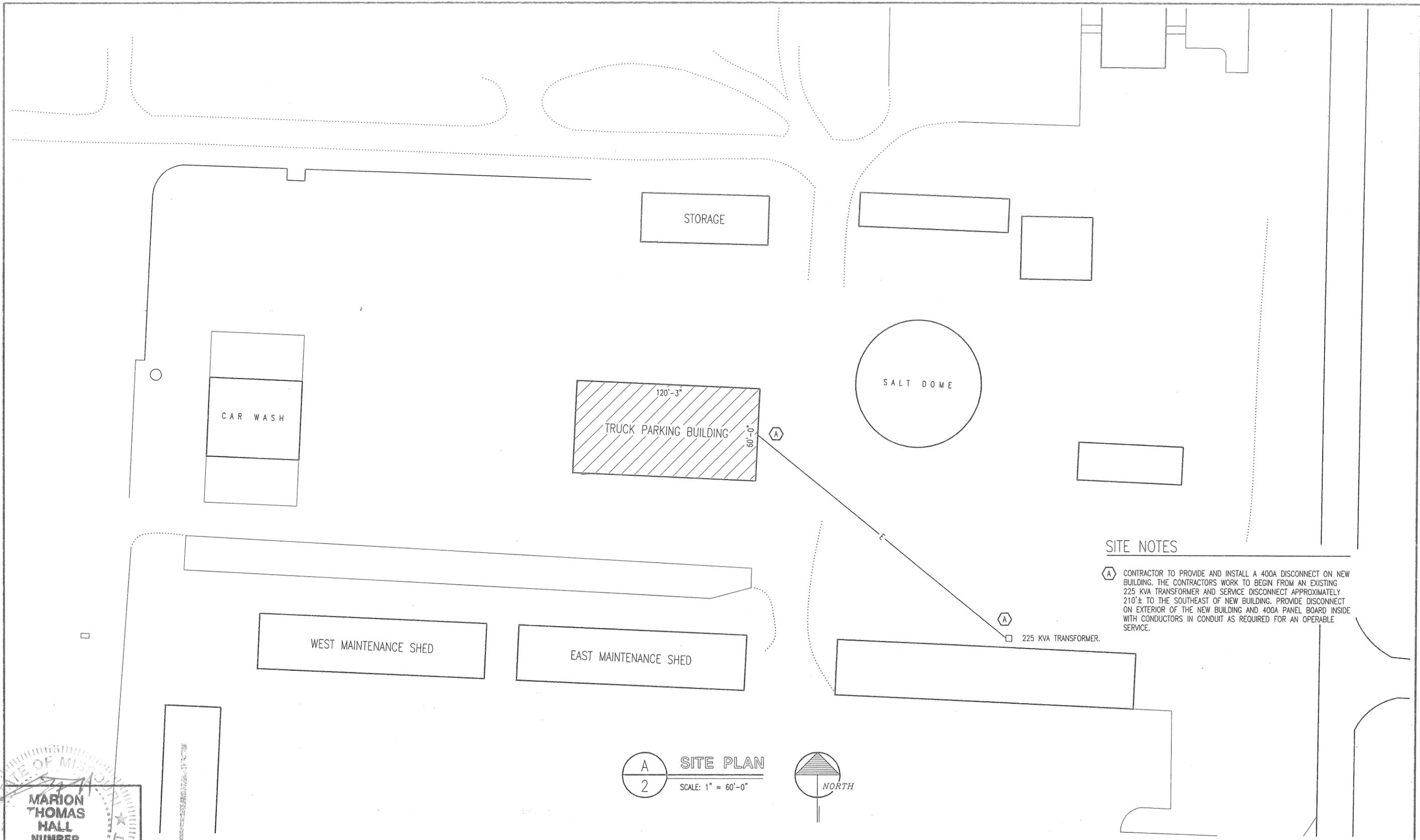
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

Springfield Truck Parking Building
Southwest District - Greene County
3025 East Kearney Street, Springfield, MO

DESIGN BY: LARRY CARVER

DATE: 8-12-16

Sheet
1 of 14

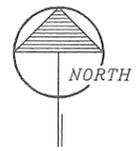


SITE NOTES

Ⓐ CONTRACTOR TO PROVIDE AND INSTALL A 400A DISCONNECT ON NEW BUILDING. THE CONTRACTORS WORK TO BEGIN FROM AN EXISTING 225 KVA TRANSFORMER AND SERVICE DISCONNECT APPROXIMATELY 210'± TO THE SOUTHEAST OF NEW BUILDING. PROVIDE DISCONNECT ON EXTERIOR OF THE NEW BUILDING AND 400A PANEL BOARD INSIDE WITH CONDUCTORS IN CONDUIT AS REQUIRED FOR AN OPERABLE SERVICE.

□ 225 KVA TRANSFORMER.

Ⓐ SITE PLAN
2 SCALE: 1" = 60'-0"



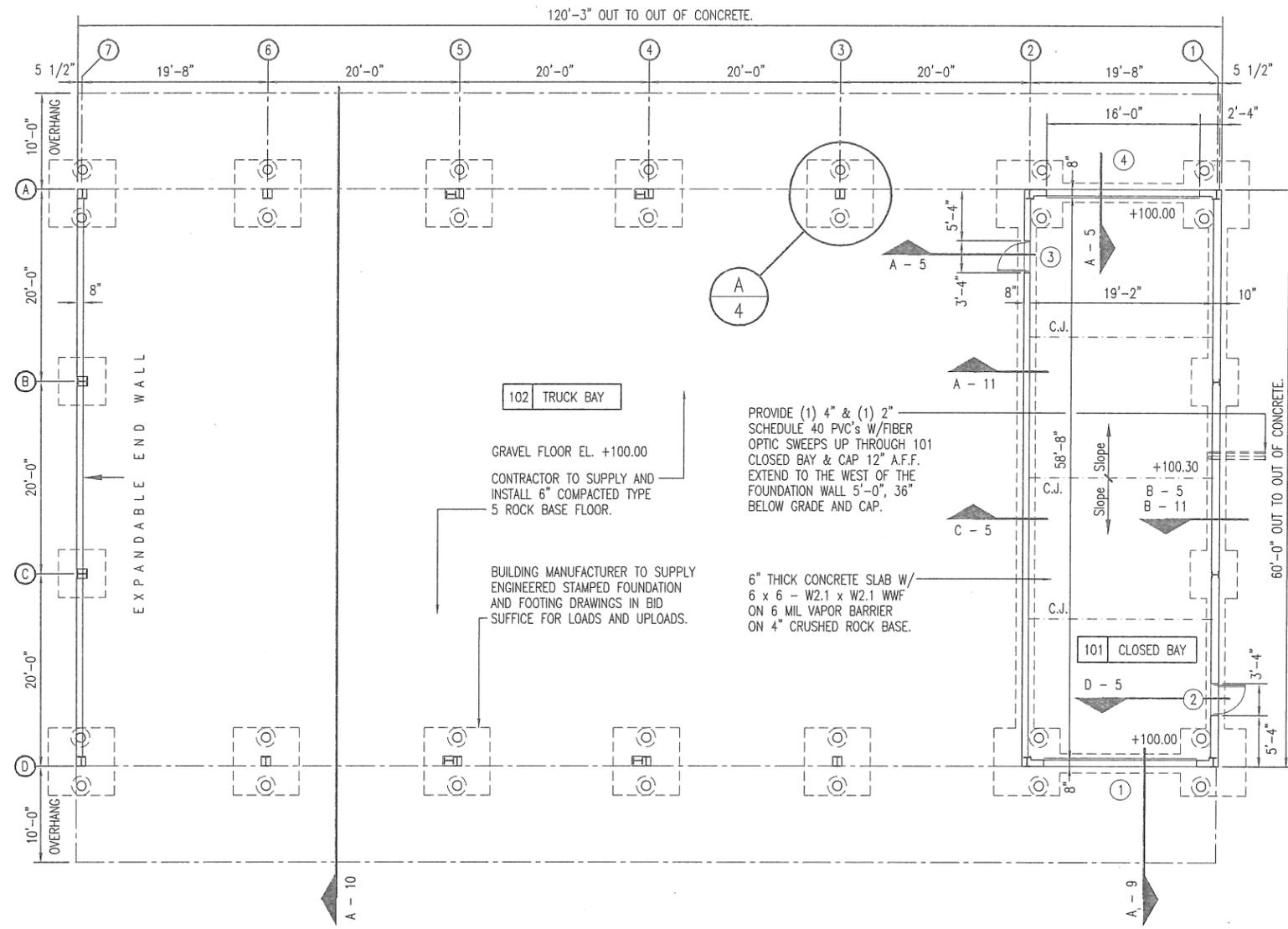
REGISTERED PROFESSIONAL ARCHITECT
MARION THOMAS HALL
NUMBER A-2913
[Signature]

SITE PLAN

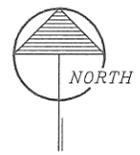
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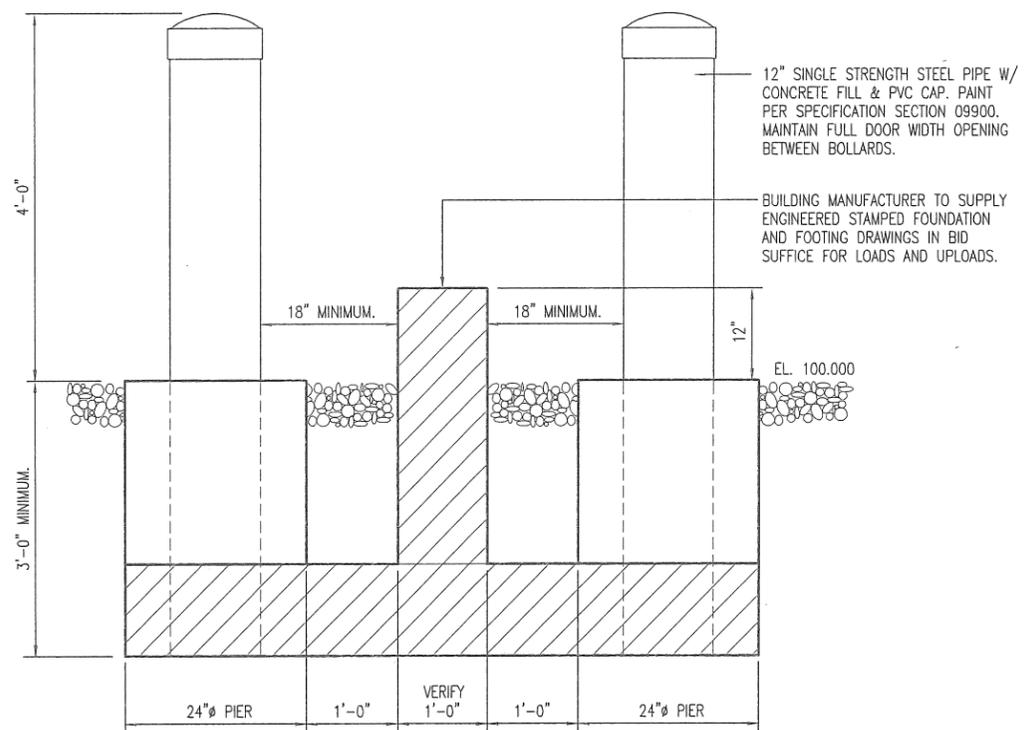
DESIGN BY: LARRY CARVER
DATE: 8-12-16
Sheet 2 of 14



A
3
FOUNDATION & FLOOR PLAN
 SCALE: 1/16" = 1'-0"



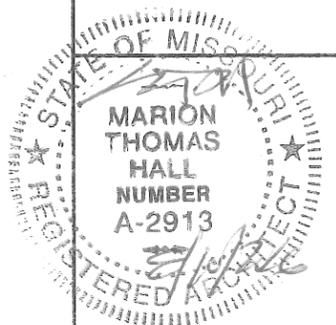
<h1 style="margin: 0;">FOUNDATION & FLOOR PLAN</h1>	MISSOURI DEPARTMENT OF TRANSPORTATION <small>DIVISION OF GENERAL SERVICES FACILITIES MANAGEMENT</small>	Springfield Truck Parking Building Southwest District - Greene County 3025 East Kearney Street, Springfield, MO	<small>DESIGN BY: LARRY CARVER DATE: 8-12-16</small> Sheet 3 of 14
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A
4
COLUMN PIER AND
BOLLARD @ FOOTING DETAIL
SCALE: 1/2" = 1'-0"

CONCRETE NOTES

1. CONCRETE WORK SHALL BE EXECUTED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE (A.C.I.) MANUAL OF CONCRETE PRACTICE.
2. FOUNDATION DESIGN IS BASED UPON AN ASSUMED SOIL BEARING CAPACITY OF 2,000 PSF. IF WET OR UNUSUAL SOIL CONDITIONS ARE ENCOUNTERED, NOTIFY THE DESIGNER AND CONSTRUCTION INSPECTOR BEFORE PROCEEDING WITH THE WORK.
3. IF CONDITIONS REQUIRING ROCK EXCAVATION ARE ENCOUNTERED, NOTIFY THE DESIGNER AND CONSTRUCTION INSPECTOR BEFORE PROCEEDING WITH THE WORK.
4. ALL CONCRETE SHALL BE TYPE 1 CEMENT WITH A COMPRESSIVE STRENGTH OF 4,000 PSI @ 28 DAYS AND NOT TO EXCEED 4" SLUMP.
5. FOUNDATION PIERS AND FOOTINGS SHALL BEAR A MINIMUM OF 12 INCHES INTO UNDISTURBED SOIL AND 36 INCHES MINIMUM BELOW FINISH GRADE.
6. DEFORMED STEEL REINFORCING BARS SHALL BE: #4 AND LARGER ASTM A615 GRADE 60.
7. SEE SPECIFICATION SECTION 03300 CONCRETE FOR ADDITIONAL INFORMATION.
8. CONCRETE EXPOSED TO THE EXTERIOR SHALL RECEIVE AIR ENTRAINMENT 6% +/- 2%.
9. PROVIDE CORNER REINFORCING BARS WITH 12" MINIMUM LAP EQUAL IN SIZE AND GRADE TO CONNECTING BARS.
10. EXTERIOR CONCRETE FLATWORK SHALL HAVE A LIGHT BROOM FINISH.
11. COORDINATE WORK OF OTHER TRADES REQUIRED TO BE INSTALLED IN, UNDER, OR THROUGH CONCRETE PRIOR TO PLACEMENT OF CONCRETE. INSTALL ALL ANCHORAGES AND SLEEVES REQUIRED FOR THE INSTALLATION OF WORK BY OTHER TRADES.
12. SAWED CONTROL JOINTS SHALL BE CLEANED FREE OF ALL DEBRIS AND FILLED WITH SEALANT. SEE SECTION 07900.
13. ALL EXPOSED INTERIOR CONCRETE FLOORS SHALL RECEIVE A CURING/SEALING FINISH PER SPECIFICATION SECTION 03346.
14. COPPER PIPING RUN THROUGH CONCRETE WORK SHALL BE RUN THROUGH PVC SLEEVES.
15. ALL CONCRETE STEM WALLS TO MONOLITHICALLY POURED.
16. CONCRETE COLUMN PIER DIMENSIONS MAY VARY PER BUILDING MANUFACTURER. CONTRACTOR MUST INCLUDE IN HIS BID ALL MATERIALS AND LABOR DUE TO ANY VARIATION FROM DRAWINGS.
17. BUILDING MANUFACTURER TO SUPPLY ENGINEERED STAMPED FOUNDATION AND FOOTING DRAWINGS IN BID SUFFICE FOR LOADS AND UPLOADS.



FOUNDATION DETAILS

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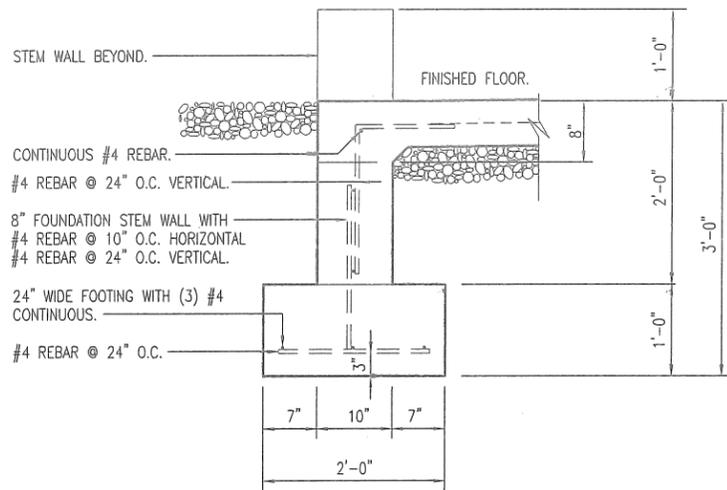
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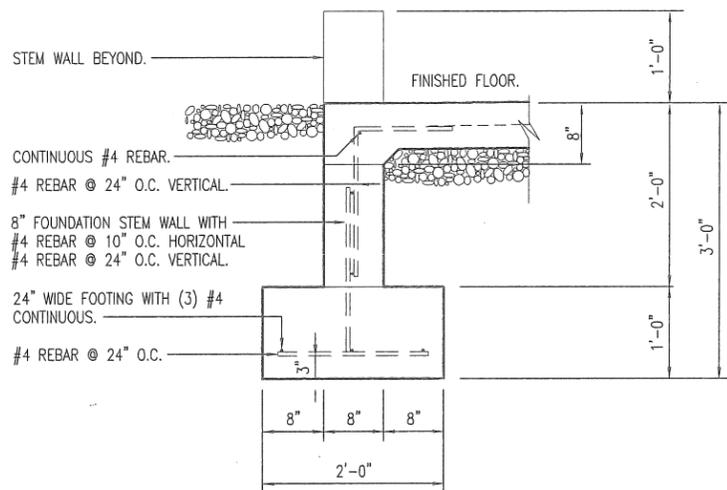
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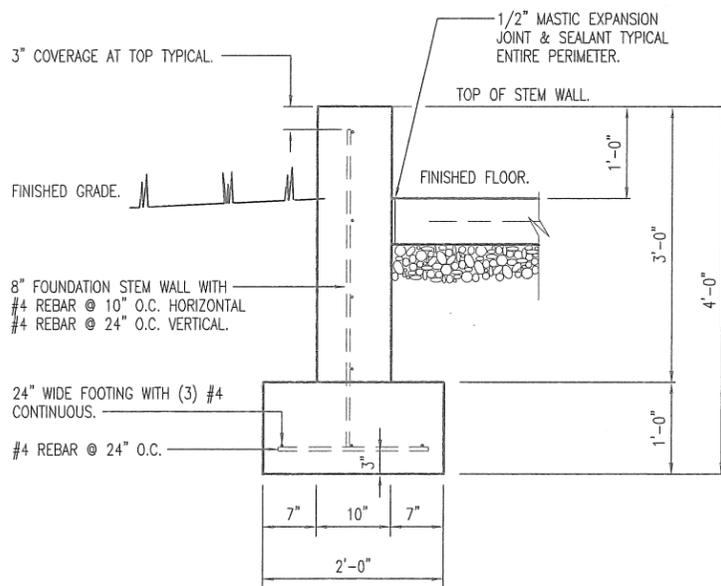
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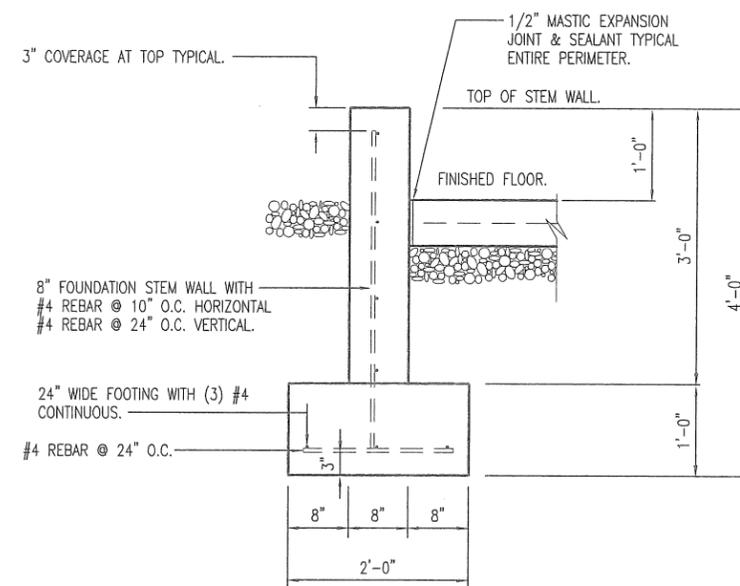
D PASSAGE DOOR THRESHOLD
 5 SCALE: 1/2" = 1'-0"



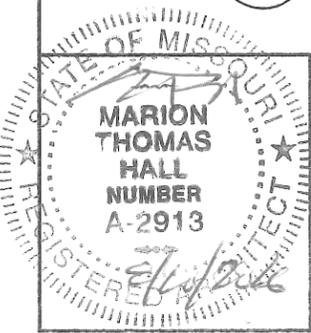
A PASSAGE AND GARAGE DOOR THRESHOLD
 5 SCALE: 1/2" = 1'-0"



B STEM WALL
 5 SCALE: 1/2" = 1'-0"



C STEM WALL
 5 SCALE: 1/2" = 1'-0"



FOUNDATION DETAILS

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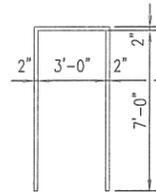
DOOR SCHEDULE

NO.	SIZE	SWING	DR. TYPE	FRM. TYPE	DETAIL	DEPTH	HDWR. GRP.
1	16'-0" x 14'-0" x 2"	-	B	-	C & D-6	-	-
2	3'-0" x 7'-0" x 1-3/4"	RHR	A	I	B-6	8"	1
3	3'-0" x 7'-0" x 1-3/4"	RHR	A	I	A-6	6-1/2"	1
4	16'-0" x 14'-0" x 2"	-	B	-	C & D-6	-	-

3'-0" x 7'-0" x 1-3/4"
INSULATED HOLLOW METAL
DOOR PAINTED.



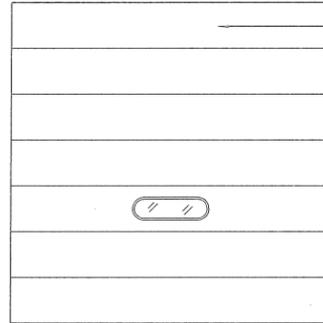
TYPE A



TYPE I

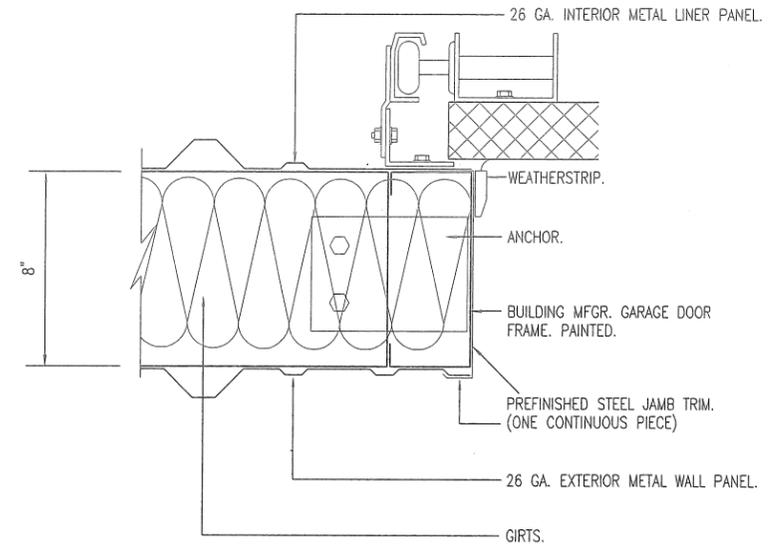
16 GA. WELDED
H.M. FRAME
PAINTED.

2" THICK, R-17.5, INSULATED
PREFINISHED .016" METAL
GARAGE DOOR WITH ONE
INSULATED GLASS VIEW
WINDOW. 26 GA. STEEL
BACK COVER. WHITE BAKED
ON POLYESTER TOP COAT
PAINT ON BOTH SIDES.
(TYPICAL)

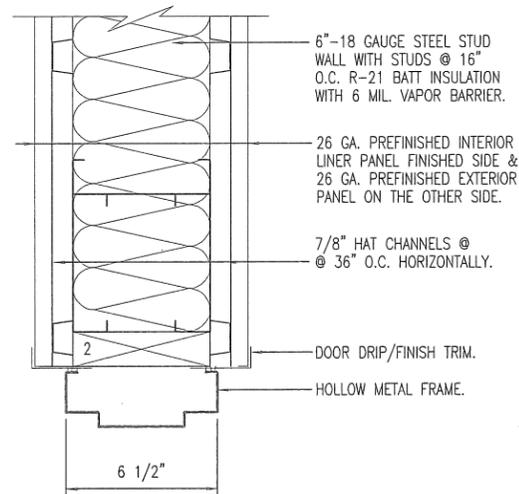


TYPE B

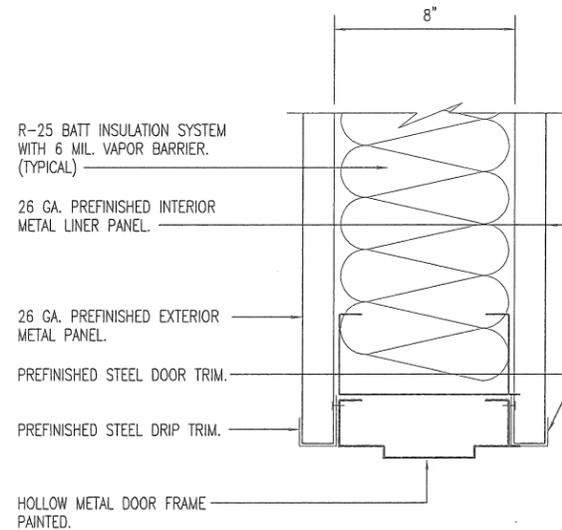
USE HI-LIFT TRACK.



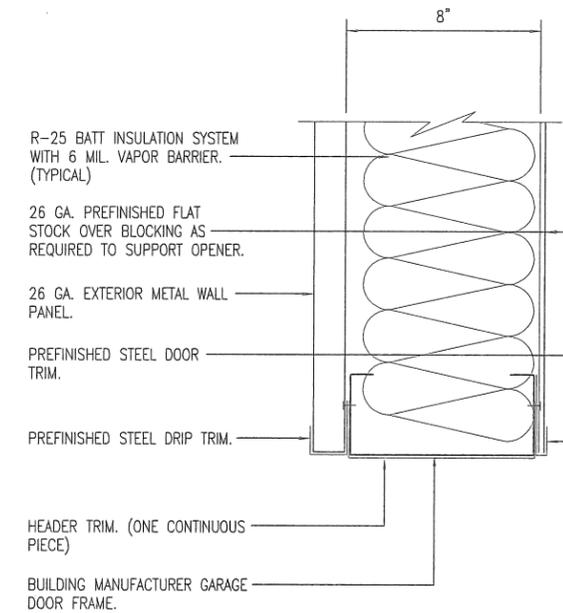
D GARAGE DOOR JAMB
SCALE: 1-1/2" = 1'-0"



A DOOR HEADER/JAMB
SCALE: 1-1/2" = 1'-0"



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



C GARAGE DOOR HEAD
SCALE: 1-1/2" = 1'-0"

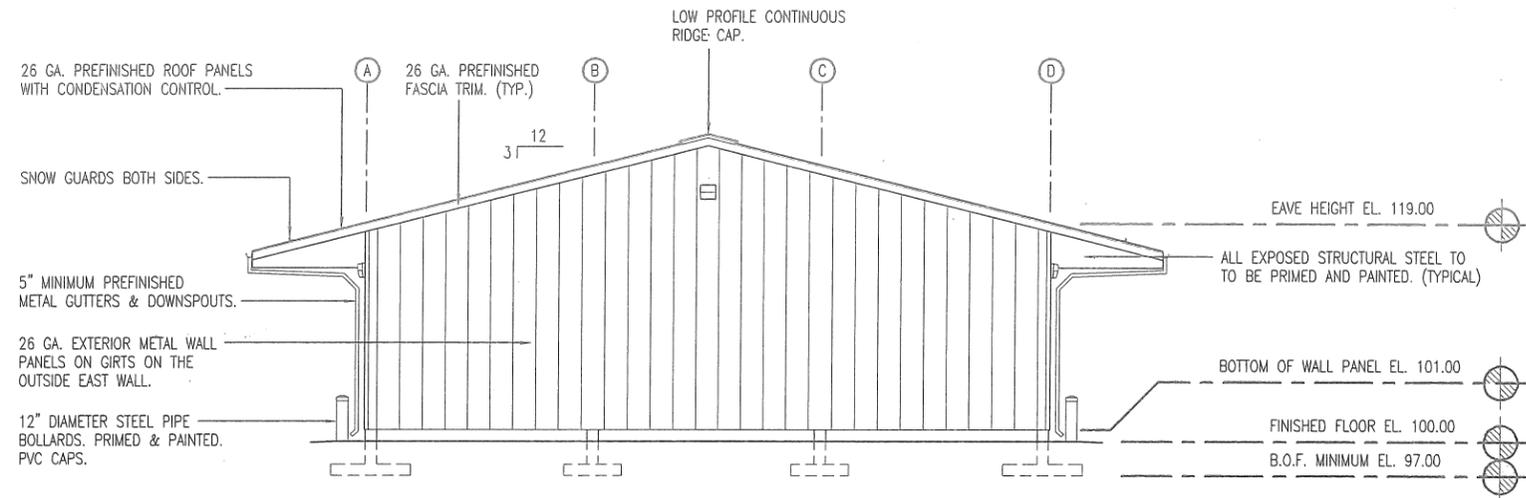


SCHEDULES

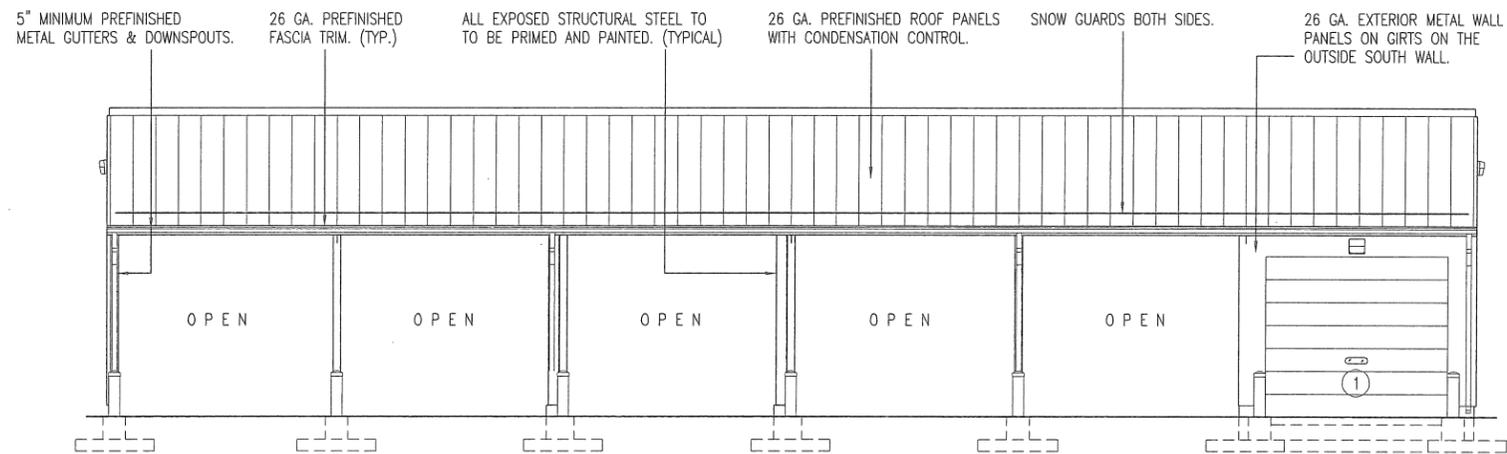
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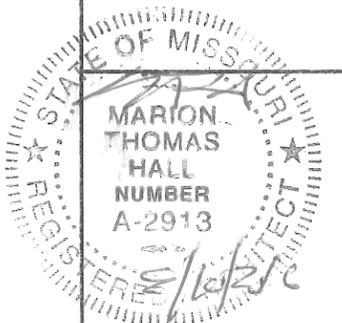
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B WEST ELEVATION
 7 SCALE: 1/16" = 1'-0"



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



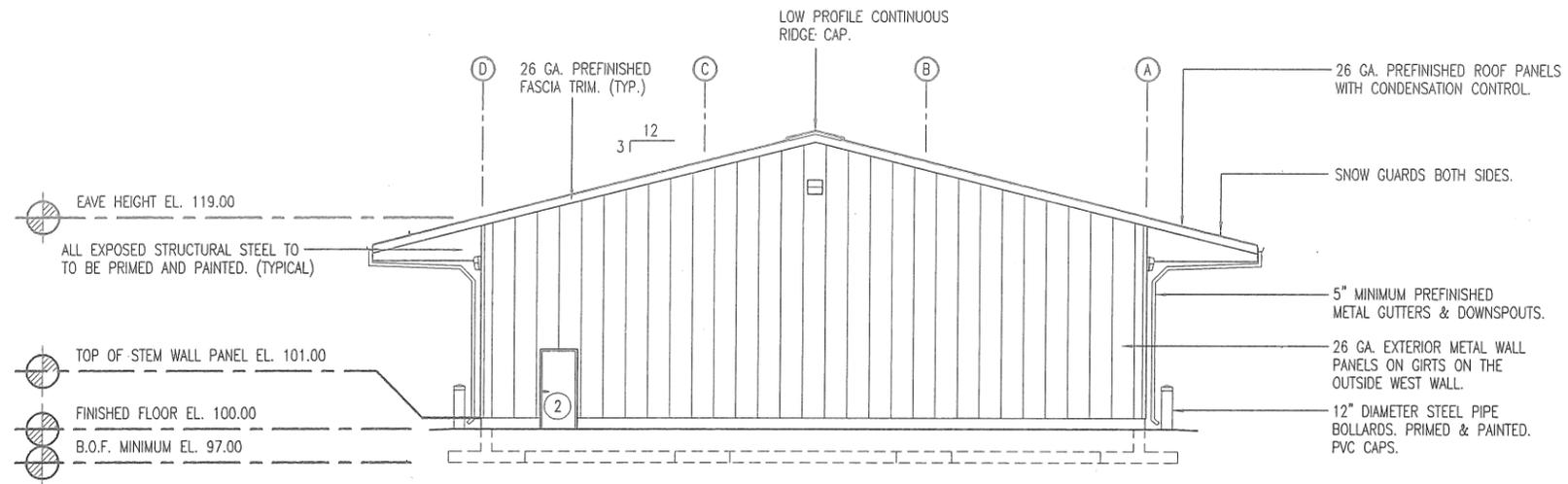
SOUTH & WEST ELEVATIONS

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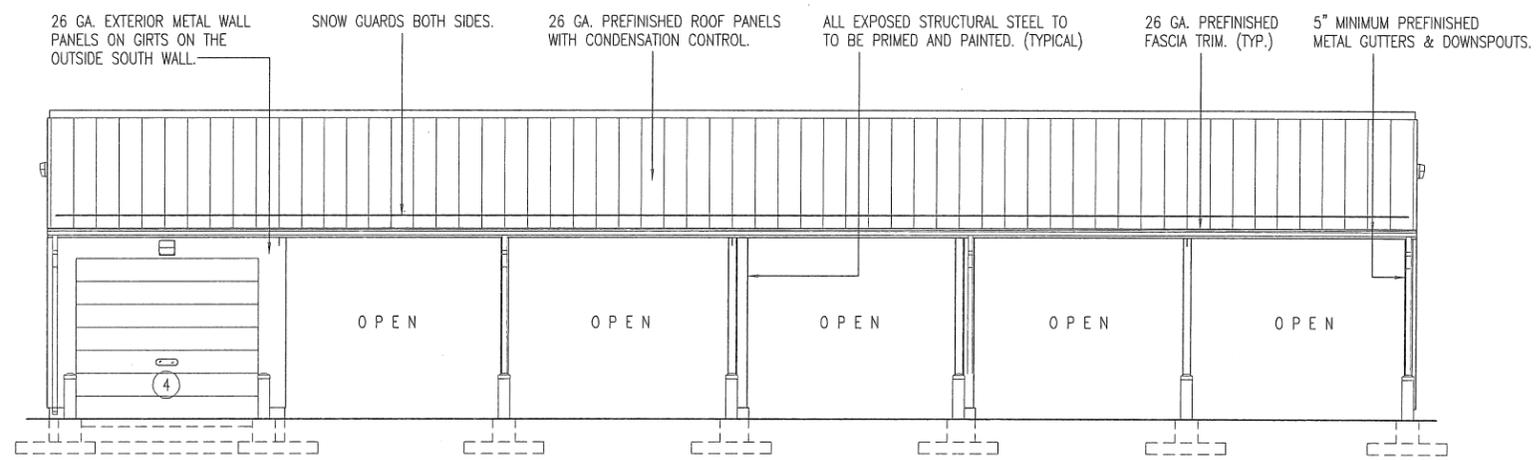
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B
8 EAST ELEVATION
SCALE: 1/16" = 1'-0"



A
8 NORTH ELEVATION
SCALE: 1/16" = 1'-0"

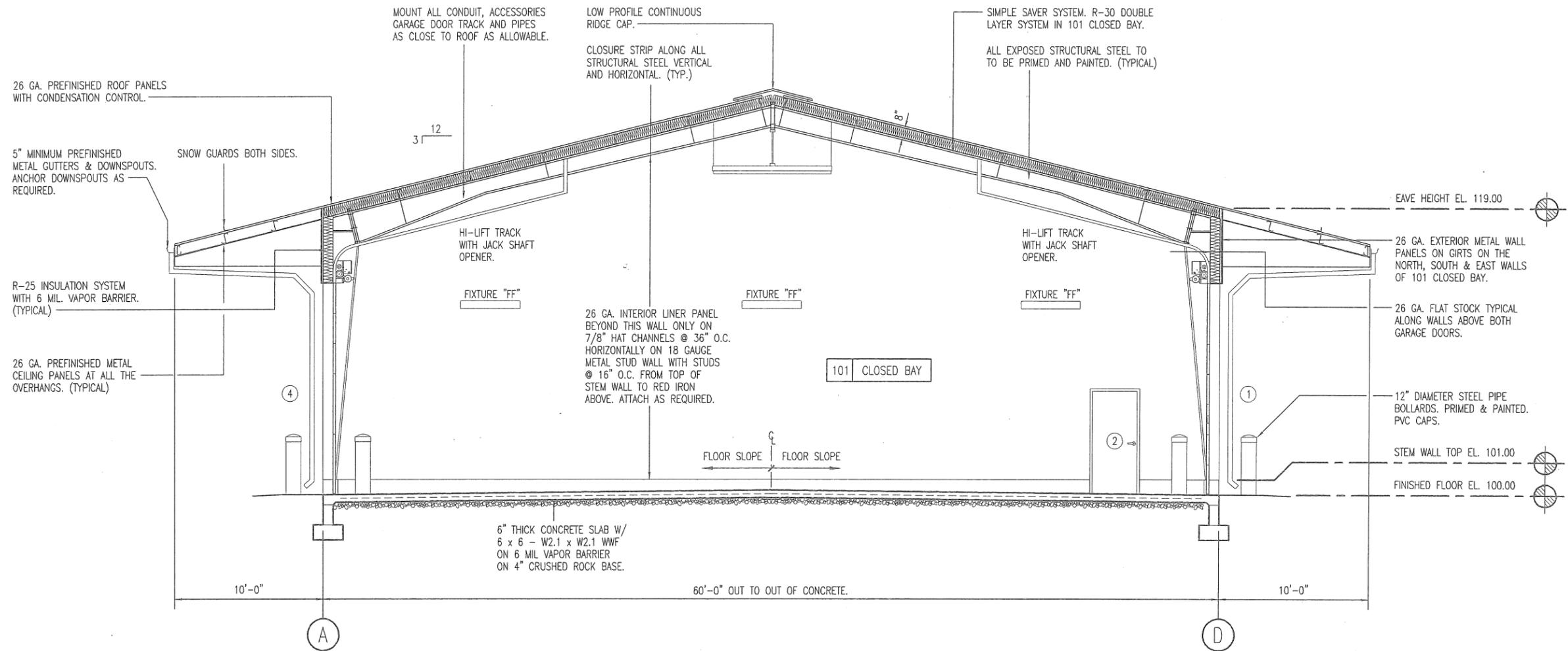


NORTH & EAST ELEVATIONS

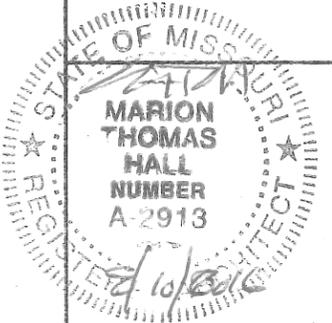
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A BUILDING SECTION
9 SCALE: 1/8" = 1'-0"



BUILDING SECTION

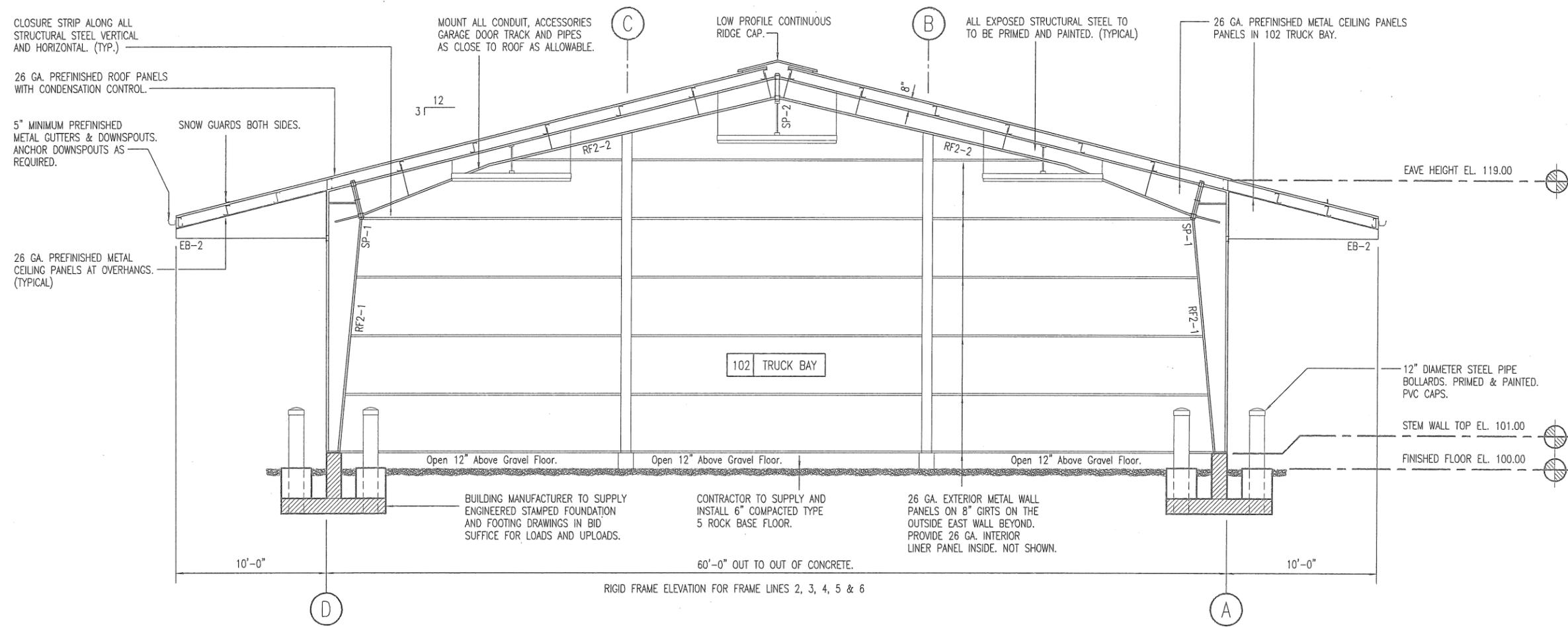
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SPLICE BOLT TABLE						
MARK	QTY. TOP	BOTTOM	INTERIOR	TYPE	DIAMETER	LENGTH
SP-1	4	4	2	A325	0.750	2.00
SP-2	4	4	0	A325	0.750	2.00

MEMBER TABLE					
MARK	WEB DEPTH	WEB PLATE		OUTSIDE FLANGE	
	START/END	THICK	LENGTH	W x Thk Length	W x Thk Length
RF2-1	10.0/20.3	0.135	119.0	8 x 1/4" x 165.7	8 x 1/4" x 185.7
	20.3/26.0	0.135	66.0	8 x 1/4" x 20.1	
	26.0/19.3	0.164	26.9		
RF2-2	24.0/10.0	0.164	109.4	6 x 1/4" x 349.4	6 x 1/4" x 110.3
	10.0/12.0	0.135	119.0		6 x 1/4" x 236.5
	12.0/13.7	0.135	97.0		
	13.7/14.0	0.135	24.0		
EB-2	7.5/37.5	0.164	125.6	5 x 1/4" x 125.6	5 x 1/4" x 125.6
	7.5/37.5	0.164	125.6	5 x 1/4" x 125.6	5 x 1/4" x 125.6



A
10
BUILDING SECTION
SCALE: 1/8" = 1'-0"



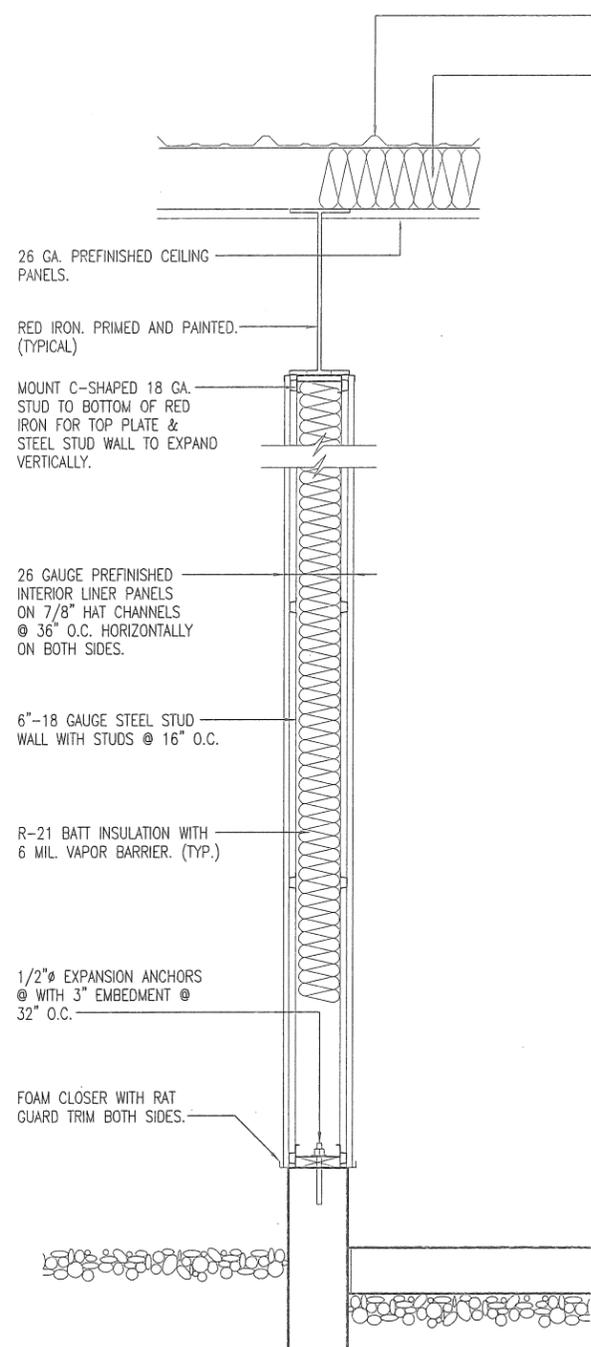
BUILDING SECTION

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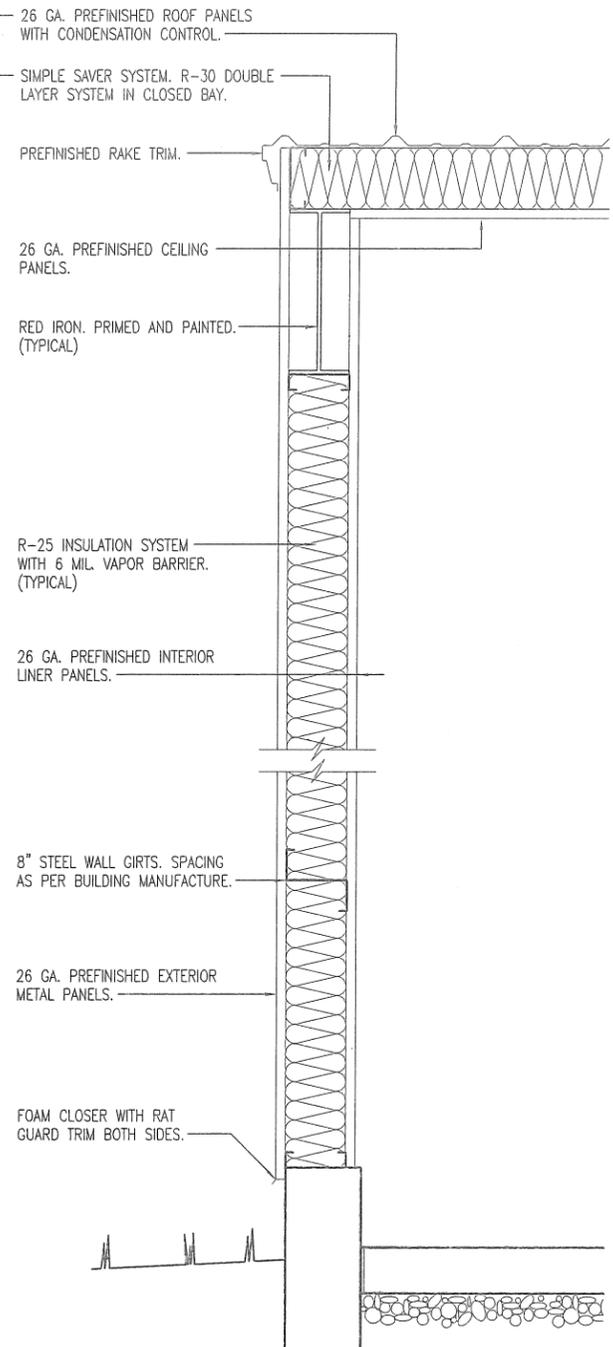
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CLM



A WALL SECTION
11 SCALE: 1/2" = 1'-0"



B WALL SECTION
11 SCALE: 1/2" = 1'-0"

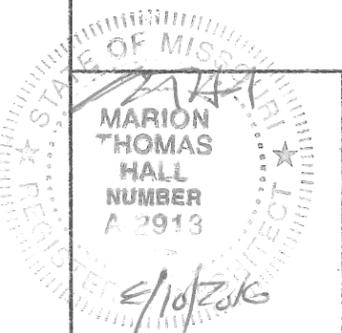
WALL SECTIONS

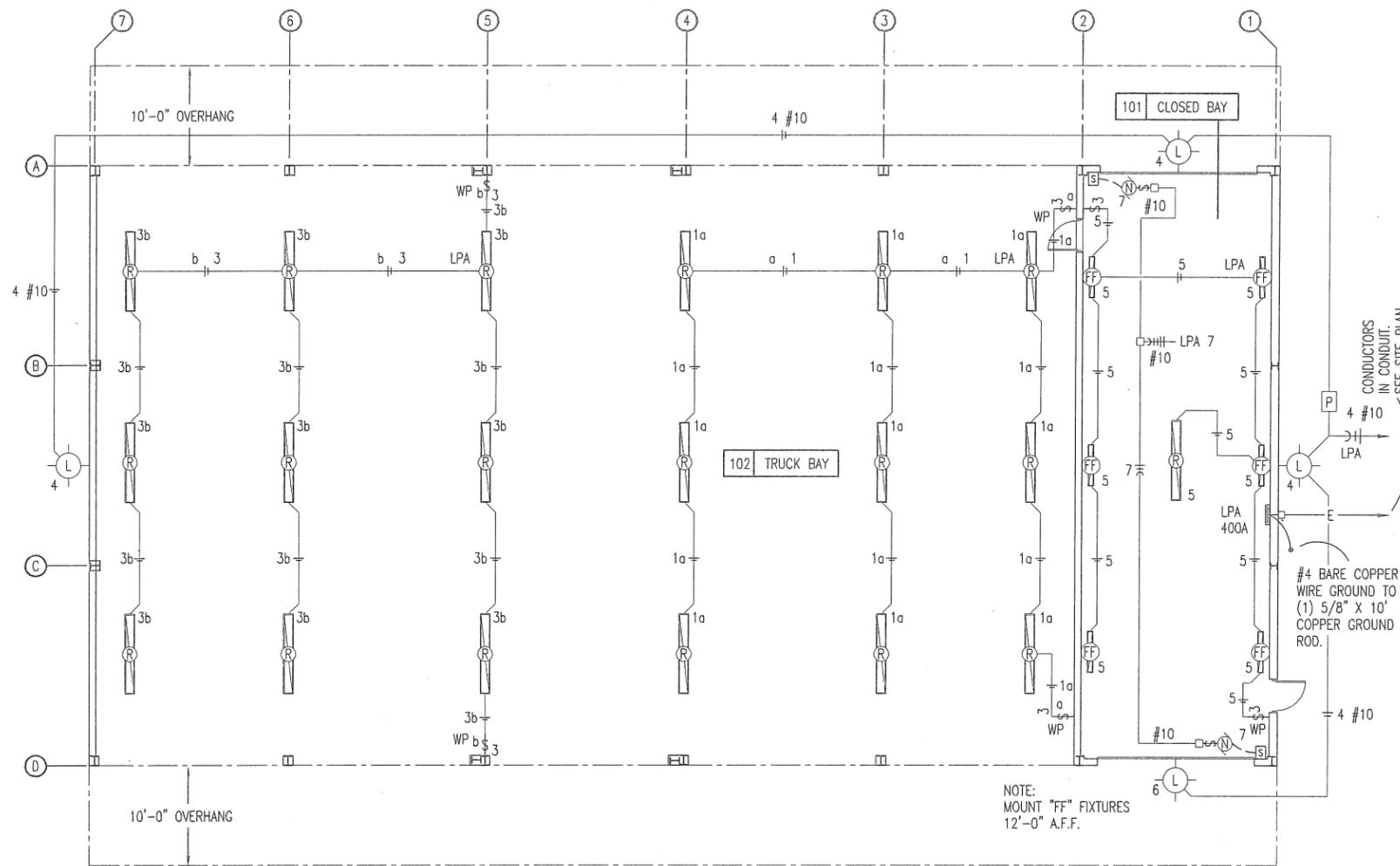
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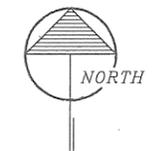
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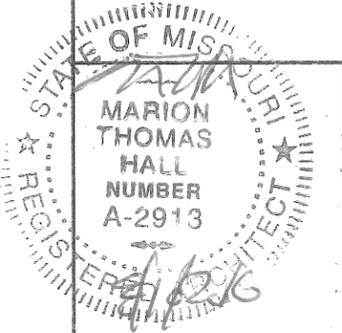




A LIGHTING PLAN
12 SCALE: 1/16" = 1'-0"



SEE ELECTRICAL SCHEDULE & NOTES SHEET 14.

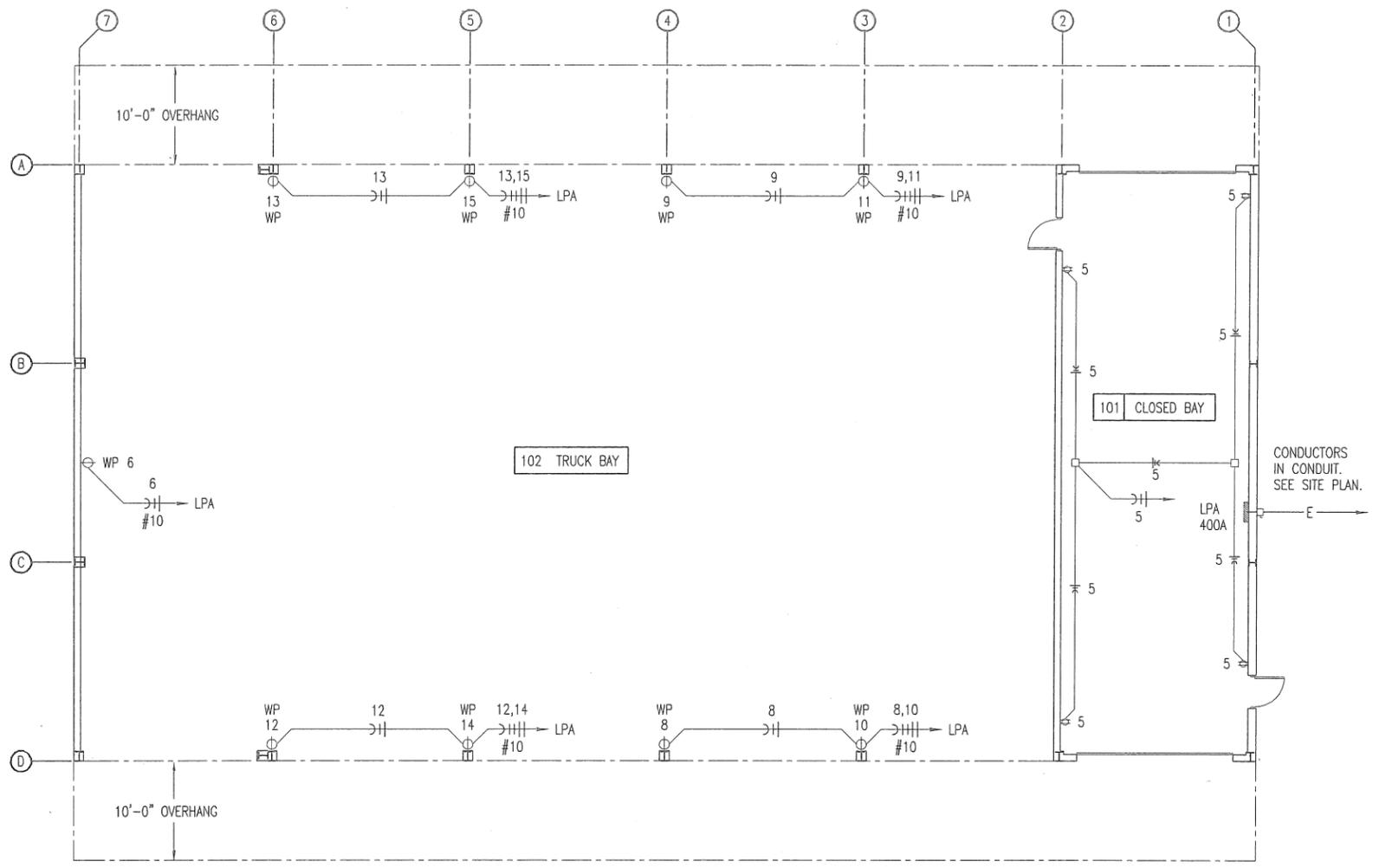


LIGHTING PLAN

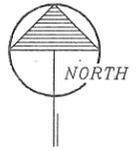
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A
13
POWER PLAN
SCALE: 1/16" = 1'-0"



SEE ELECTRICAL SCHEDULE
& NOTES SHEET 14.



POWER PLAN

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ELECTRIC SCHEDULE

MANUF.	MODEL	#	LAMPS TYPE	W	MNT	REMARKS
COOPER Ⓛ	XTOR9ARL-N		LED	82	WALL	EXTERIOR, SURFACE MOUNT LIGHT FIXTURE, WITH ALUMINUM HOUSING. PRISMATIC GLASS LENS.
Ⓝ	OVERHEAD DOOR OPERATOR				WALL	115V, 1-PH, 1/2 HP, 11.2 AMP, JACK SHAFT TYPE. SEE SPECIFICATION SECTION 08720.
TORK Ⓟ	2001				WALL	120V PHOTO ELECTRIC CONTROL OF EXTERIOR LIGHTS.
WILLIAMS Ⓡ	GLN-8-L210/8400 WG11-DRV-UNV		LED	171	WALL	8-11/16" x 96" FIXTURE. HEAVY GAUGE ALUMINUM HOUSING WITH WIRE GUARDS.
CREE ⓕ	LS4-40L-40K-10V-120		LED	40	WALL	2-5/8" x 48" SURFACE AMBIENT, 22 GAUGE, LOW-GLARE ACRYLIC LENS, WHITE.
ELECTRICAL FIXTURES AND EQUIPMENT ARE SCHEDULED BY MANUFACTURER AND MODEL NUMBER FOR DESIGN INTENT ONLY, APPROVED EQUALS MAY BE SUBSTITUTED.						

LEGEND

- Ⓢ WP SINGLE POLE OR 3-WAY SWITCH, MOUNT IN FS BOX WITH HUBBELL HBL7420 COVER.
- Ⓞ WP SINGLE RECEPTACLE MOUNTED IN FS BOX WITH HUBBELL HBL7423 COVER.
- Ⓢ SINGLE POLE SWITCH, FLUSH MOUNTED IN FINISHED AREAS @ 48" A.F.F.
- Ⓢ³ 3-WAY SWITCH, SURFACE MOUNTED IN UNFINISHED AREAS @ 48" A.F.F.
- Ⓞ DUPLEX RECEPTACLES IN TRUCK & CLOSED BAYS @ 48" A.F.F.
- JUNCTION BOX, SIZE FOR WIRE, FILL ACCORDING TO ARTICLE 314-16 OF THE N.E.C.
- Ⓞ NON FUSED DISCONNECT SWITCH.
- #12 COPPER NEUTRAL CONDUCTOR UNLESS NOTED.
- #12 COPPER PHASE CONDUCTORS UNLESS NOTED.
- 1/2" EMT UNLESS NOTED.
- #12 COPPER GROUNDING CONDUCTOR UNLESS NOTED.

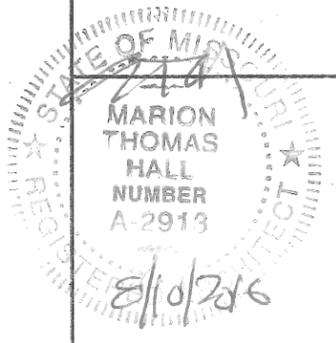
SERVICE PANEL LPA

MAIN BUS: 400A MLO VOLTS: 240/120, 1PH, 3-WIRE BUS MATERIAL: COPPER MOUNTING: SURFACE		SQUARE "D" NQOD OR EQUAL W/ NEUTRAL BUS & GROUNDING BUS CIRCUIT BREAKERS BOLT-IN 10000 AIC				CONNECTED LOAD A PHASE 7670 VA B PHASE 8443 VA TOTAL 16113 VA 67 A		
CIR	SERVICE	VA	BKR		BKR	VA	SERVICE	CIR
1	LIGHTS - 102	1539	20A1P	A	20A1P	411	LIGHTS - 101	2
3	LIGHTS - 102	1539	20A1P	B	20A1P	328	EXTERIOR LIGHTS	4
5	RECEPTACLES - 101	720	20A1P	A	20A1P	1000	EXTERIOR RECEPTACLE	6
7	GARAGE DOOR OPENERS	2576	30A1P	B	20A1P	1000	EXTERIOR RECEPTACLE	8
9	EXTERIOR RECEPTACLE	1000	20A1P	A	20A1P	1000	EXTERIOR RECEPTACLE	10
11	EXTERIOR RECEPTACLE	1000	20A1P	B	20A1P	1000	EXTERIOR RECEPTACLE	12
13	EXTERIOR RECEPTACLE	1000	20A1P	A	20A1P	1000	EXTERIOR RECEPTACLE	14
15	EXTERIOR RECEPTACLE	1000	20A1P	B				16
17				A				18
19				B				20
21				A				22
23				B				24
25				A				26
27				B				28
29				A				30
31				B				32
33				A				34
35				B				36
37				A				38
39				B				40
41				A				42

⊗ CIRCUIT BREAKER SHALL BE GFI RATED

ELECTRICAL NOTES

- DRAWINGS AND DIAGRAMS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- ELECTRICAL WORK SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (N.E.C.).
- PROVIDE ELECTRICAL EQUIPMENT AND ACCESSORIES REQUIRED FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS AND DIRECTIONS FOR SYSTEMS SPECIFIED.
- SWITCHES AND RECEPTACLES SHALL BE EQUAL TO THE AMPERE RATING SHOWN IN THE PANEL SCHEDULE. RECEPTACLES SHALL BE GROUND-FAULT INTERRUPTION TYPE WHERE SHOWN OR AS REQUIRED BY CODE.
- ALL RECEPTACLES IN BAY AREAS TO BE MOUNTED AT 48" A.F.F.
- COORDINATE WORK WITH OTHER TRADES PRIOR TO COMMENCING WITH ELECTRICAL WORK.
- CONDUCTOR AND BREAKER SIZE MAY VARY PER MANUFACTURER ON THE EQUIPMENT SPECIFIED. ELECTRIC CONTRACTOR TO VERIFY SIZES WITH EXACT EQUIPMENT ORDERED PRIOR TO PURCHASING ELECTRICAL SUPPLIES.
- FIXTURE LOCATIONS ARE APPROXIMATE, EXACT LOCATIONS TO BE DETERMINED AFTER COLLABORATION WITH THE OWNER AND OTHER TRADES.
- CONTRACTOR SHALL PROVIDE SERVICE DISCONNECTS AS REQUIRED AT INTERIOR OF BUILDING.
- PROVIDE BLOCKING FOR ELECTRICAL DEVICES AS REQUIRED FOR A SECURE APPLICATION.
- PROVIDE CONDUCTORS AND CONDUIT AS REQUIRED FOR A FUNCTIONAL SERVICE. SEE NOTE 'A' ON SITE PLAN.
- ALL CONDUIT FOR FIXTURES AND RECEPTACLES TO BE SURFACE MOUNTED.



ELECTRICAL PANEL

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