

General Notes

- ALL WORK SHALL CONFORM WITH ALL APPLICABLE STATE & LOCAL CODES AND ORDINANCES AND WITH ACCEPTED LOCAL STANDARDS OF THE TRADES.
- IT WILL BE ASSUMED THAT EACH TRADE HAS ACCEPTED THE QUALITY OF THE WORK OF OTHERS UPON WHICH HIS WORK MUST BE APPLIED, UNLESS THE OWNER IS INFORMED TO THE CONTRARY AT LEAST 24 HOURS BEFORE COMMENCING WORK.
- EACH CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONSTRUCTION DOCUMENTS AND SHALL REPORT TO THE DESIGNER ANY ERROR, INCONSISTENCIES OR OMISSION HE MAY DISCOVER. FURTHER, THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK WHICH HE BELIEVES TO BE CONTRARY TO HIS KNOWLEDGE OF GOOD CONSTRUCTION STANDARDS AND PRACTICES AND SHALL NOT USE ANY SUB-STANDARD MATERIALS.
- EACH CONTRACTOR SHALL INFORM THE OWNER OF ANY COSTS OF MATERIALS, LABOR, OVERHEAD AND PROFIT WHICH ARE CAUSED BY ANY CHANGES OR ADDITIONS IN THE WORK INTENDED BY THESE PLANS PRIOR TO ORDERING MATERIALS AND PROCEEDING WITH THE WORK.
- EACH CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF ALL HIS EMPLOYEES AND OTHERS INVOLVED IN THE COMPLETION OF WORK CONTRACTED.
- EACH CONTRACTOR SHALL KEEP THE OWNER INFORMED OF ALL EMPLOYEES, SUPPLIERS, AND OTHERS WHO HAVE LEIN RIGHTS AGAINST THE PROJECT.
- EACH CONTRACTOR SHALL INFORM THE OWNER OF HIS WORK SCHEDULE AND ANY ANTICIPATED CHANGES THAT MAY OCCUR IN THAT SCHEDULE.
- EACH CONTRACTOR SHALL BE EXPECTED TO INSPECT THE SITE FOR CONDITIONS AFFECTING WORK HE IS BIDDING AND SHALL BE RESPONSIBLE FOR ANTICIPATING THE EFFECTS OF THOSE CONDITIONS UPON HIS WORK.
- MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED BUT NECESSARY FOR THE PROPER INSTALLATION OR CONFORMANCE WITH CODES OR STANDARDS LISTED OR DEPICTED HEREIN SHALL BE INCLUDED IN THE WORK.
- ALL WORK AND MATERIAL OR EQUIPMENT SHALL BE GUARANTEED FOR A MINIMUM OF ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
- ALL DIMENSIONS SHALL BE VERIFIED AT THE SITE BEFORE COMMENCING ANY WORK. IN CASE OF ANY DISCREPANCIES, ERRORS OR OMISSIONS TO THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGNER IN WRITING PRIOR TO COMMENCING THAT PORTION OF WORK.
- ALL DIMENSIONS TO TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, ELEVATIONS, SECTIONS, AND DETAILS.
- NOTES & DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES & TYPICAL DETAILS.
- IF THE JOB IS WORTH DOING, IT'S WORTH DOING RIGHT.

A Proposed Addition to the Viking Electric Warehouse 646 Breezy Point Road La Crosse, Wisconsin 54603

Sheet Index

- GENERAL**
G001 GENERAL INFORMATION, CODE REVIEW
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S100 FOUNDATION PLAN AND FOUNDATION DETAILS
S200 ROOF FRAMING PLAN AND FRAMING DETAILS
- ARCHITECTURAL**
SD100 ARCHITECTURAL SITE DEVELOPMENT PLAN
A100 FLOOR PLAN
A200 EXTERIOR ELEVATIONS
A300 BUILDING AND WALL SECTIONS

INCLUDES:
S100 FOUNDATION PLAN
S200 FOUNDATION DETAILS

PROFESSIONAL SEAL
RONALD J. RASQUE
E-17568
LA CROSSE, WI
8-18-2016

PROFESSIONAL SEAL
MARK A. SCHMITT
11394-5
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8-19-2016

G001, SD100, A100, A200, A300

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CODE REVIEW

APPLICABLE CODES:	
BUILDING AND STRUCTURES	
SPS 362 - 2009 INTERNATIONAL BUILDING CODE W/ AMENDMENTS	
ENERGY CONSERVATION	
SPS 363 - 2009 INTERNATIONAL ENERGY CONSERVATION CODE W/ AMENDMENTS	
HEATING, VENTILATING, AND AIR CONDITIONING	
SPS 364 - 2009 INTERNATIONAL MECHANICAL CODE W/ AMENDMENTS	
FUEL GAS APPLIANCES	
SPS 365 - 2009 INTERNATIONAL FUEL GAS CODE W/ AMENDMENTS	
EXISTING BUILDINGS	
SPS 366 - 2009 INTERNATIONAL EXISTING BUILDING CODE W/ AMENDMENTS	
PLUMBING	
SPS 381 - 391	
ELECTRICAL	
SPS 316	
CONSTRUCTION TYPE:	TYPE V-B
SIZE	EXISTING: 19,535 S.F. PROPOSED ADDITION: 9,500 S.F. TOTAL: 29,035 S.F.
OCCUPANCY:	M, B, S1
FIRE PROTECTION:	THE BUILDING SHALL BE FULLY SPRINKLED PER 903.3.1.1
BUILDING HEIGHT & AREA:	MIXED USE, NON-SEPARATED OCCUPANCY PER 508.3 M 9,000 S.F. + 300% = 36,000 S.F. ALLOWABLE (SPRINKLER INCREASE) B 9,000 S.F. + 300% = 36,000 S.F. ALLOWABLE (SPRINKLER INCREASE) S1 9,000 S.F. + 300% = 36,000 S.F. ALLOWABLE (SPRINKLER INCREASE) 36,000 S.F. ALLOWABLE (ANY OCCUPANCY) > 29,035 ACTUAL <u>OK</u>
HEIGHT:	28'-0" ACTUAL < 40'-0" ALLOWABLE <u>OK</u>
TYPE OF CONSTRUCTION	TYPE V-B, COMBUSTIBLE, UNPROTECTED PRIMARY STRUCTURAL FRAME: 0 HR <u>OK</u> BEARING WALLS: INTERIOR: 0 HR (W/ FIRE SEP > 10') <u>OK</u> EXTERIOR: 0 HR (W/ FIRE SEP > 10') <u>OK</u> NONBEARING WALLS AND PARTITIONS: INTERIOR: 0 HR <u>OK</u> EXTERIOR: 0 HR (W/ FIRE SEP > 10') <u>OK</u>
OCCUPANT LOAD	BUSINESS: 2,781 S.F. / 100 S.F. / OCCUPANT = 28 MERCANTILE: 2,028 S.F. / 30 S.F. / OCCUPANT = 21 STORAGE: 24,227 S.F. / 500 S.F. / OCCUPANT = 49 TOTAL: 98 OCCUPANTS
EXIT ACCESS:	MAXIMUM COMMON PATH OF TRAVEL = 75' (BASED ON M OCCUPANCY) 0'-0" ACTUAL < 75' MAX ALLOWABLE <u>OK</u>
EGRESS WIDTH	EXIT WIDTH: 0.2' X 98 = 20" 28" ACTUAL > 20" MINIMUM ALLOWABLE <u>OK</u>
NUMBER OF EXITS:	MINIMUM NUMBER OF EXITS REQUIRED FOR OCCUPANT LOAD 0 - 500 (TABLE 1021.1) = 2 2 MINIMUM REQUIRED < 6 ACTUAL PROVIDED <u>OK</u>
TRAVEL DISTANCE:	MAXIMUM TRAVEL DISTANCE = 200' 200' MAX ALLOWABLE > 119'-10" ACTUAL <u>OK</u>
PLUMBING:	WIC LAVS FOUNTAIN* MOP SINK* MERCANTILE: 28 1 1 1 1 BUSINESS: 21 1 1 1 1 STORAGE: 49 1 1 1 1 TOTAL: 3 3 1 1
	3 WATER CLOSETS ARE PROVIDED = 3 REQUIRED 3 LAVATORIES ARE PROVIDED = 3 REQUIRED *4 WATER COOLERS PROVIDED FOR EMPLOYEES AND GUESTS *AN EXISTING MOP SINK IS LOCATED IN THE EXISTING UTILITY ROOM

ABBREVIATIONS

A	AB	ANCHOR BOLT	L	LAV	LAVATORY
	AC	AIR CONDITIONING	M	MAX	MAXIMUM
	ACT	ACOUSTICAL CEILING TILE		MECH	MECHANICAL
	ADA	AMERICANS WITH DISABILITIES ACT	MFR	MIN	MINIMUM
	AFF	ABOVE FINISHED FLOOR		MISC	MISCELLANEOUS
B	ALUM	ALUMINUM	NC	NIC	NOT IN CONTRACT
	BLDG	BUILDING	NTS	OCC	OCCUPANCY
	BW	BOTH WAYS	O.C.	OD	OUTSIDE DIAMETER
C	CAB	CABINET		OSB	ORIENTED STRAND BOARD
	C/C	CENTER TO CENTER	P	PC	PRECAST CONCRETE
	CL	CENTER LINE	PL	PI	POURED IN PLACE
	CJ	CONTROL JOINT	PR	PT	PRESSURE TREATED
	CLG	CEILING	R	RD	RADIUS
	CLR	CLEAR	RO	RO	ROOF DRAIN
	CMU	CONCRETE MASONRY UNIT	REF	REF	REFRIGERATOR
	COL	COLUMN	REIN	REQ	REQUIRED
	CONC	CONCRETE	REV	RS	REVISIONS
	CONN	CONNECTION	RO	RO	ROUGH OPENING
	CONST	CONSTRUCTION	ROW	RM	RIGHT OF WAY
	CONT	CONTINUOUS	RS	RS	ROUGH SAWN
D	DBL	DOUBLE	S	SECT	SECTION
	DET	DETAIL	SF	SHT	SHEET
	DIA	DIAMETER	SHWR	SIM	SIMILAR
	DN	DOWN	SO	SO	SQUARE
	DWG	DRAWING	STD	STL	STANDARD
	E	EACH	STG	STG	STORAGE
	ELEC	ELECTRICAL	STRUC	STRUC	STRUCTURAL
	ELEV	ELEVATOR	SUSP	SUSP	SUSPENDED
	EQ	EQUAL	SWR	SWR	SEWER
	(E)	EXISTING	SYS	SYS	SYSTEM
	EW	EACH WAY	TEL	TEL	TELEPHONE
	EXP	EXPANSION	TEMP	TEMP	TEMPERED
	EXT	EXTERIOR	TAG	TAG	TONQUE AND GROOVE
	FD	FLOOR DRAIN	T.O.	T.O.	TOP OF
	FE	FIRE EXTINGUISHER	TYP	TYP	TYPICAL
	FF	FINISHED FLOOR	UNO	UNO	UNLESS NOTED OTHERWISE
	FIN	FINISHED	VERT	VERT	VERTICAL
	FLR	FLOOR	W	W	WITH
	FIO	FACE OF	W/O	W/O	WITHOUT
	FTG	FOOTING	WC	WC	WATER CLOSET
	G	GAUGE	WD	WD	WOOD
	GAL	GALVANIZED	WIN	WIN	WINDOW
	GC	GENERAL CONTRACTOR			
	GL	GLASS			
	GWB	GYPSUM WALLBOARD			
	HB	HOSE BIB			
	HT	HEIGHT			
	HOR	HORIZONTAL			
	HR	HOUR			
	HVAC	HEATING VENTILATION AIR COND.			
	HWH	HOT WATER HEATER			
	I	INTERIOR			
	INT	INTERIOR			
	JAN	JANITOR			
	JST	JOIST			
	JH	JOIST HANGER			

MATERIALS LEGEND

	EARTH
	COMPACTED BASE COURSE
	SAND
	CONCRETE
	DIMENSIONAL LUMBER
	FINISH WOOD
	STEEL
	BATT INSULATION
	RIGID INSULATION
	SPRAY FOAM INSULATION
	BRICK
	CONCRETE MASONRY UNIT (CMU)
	STUCCO / EIFS
	GYPSUM WALLBOARD (GWB)
	PLYWOOD

DRAWING SYMBOLS

	TITLE	DRAWING TITLE
	SCALE: 1/4" = 1'-0"	SCALE
	DRAWING NUMBER	ELEVATION REFERENCE MARKER
	SHEET	BUILDING SECTION
	DRAWING NUMBER	WALL SECTION
	SHEET	INTERIOR ELEVATION MARKER
	DRAWING NUMBER	DETAIL MARKER
	NORTH ARROW	
	REVISION	
	STRUCTURAL GRID	
	ROOM TAG	
	ELEVATION MARKER	
	DOOR NUMBER	
	OPENING TAG	
	EQUIPMENT / FIXTURE TAG	
	KEYNOTE	
	WALL TAG	
	WALL SECTION OR DETAIL CALL-OUT	

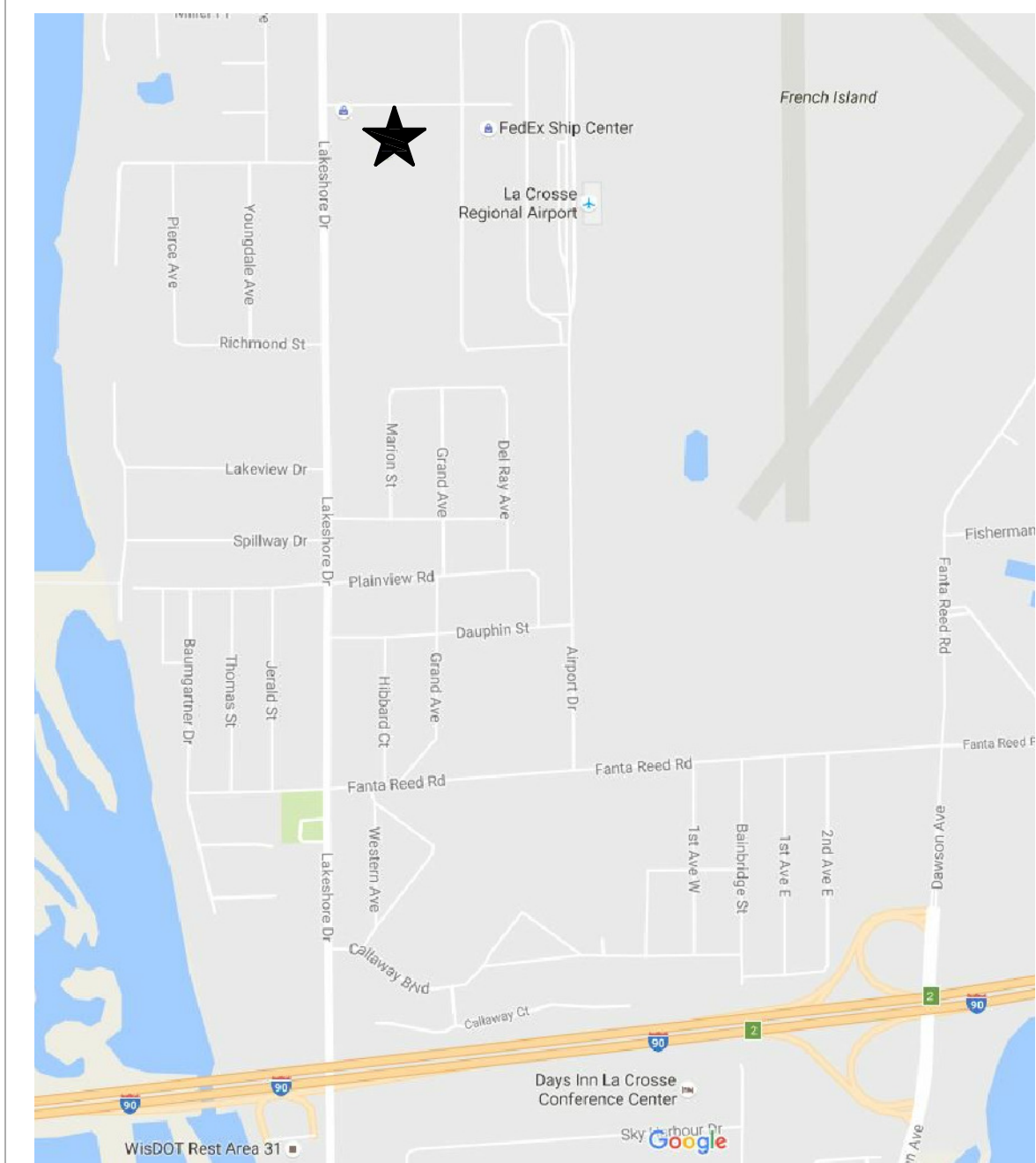
PROJECT INFORMATION

PROJECT: VIKING ELECTRIC WAREHOUSE ADDITION

LOCATION: 646 BREEZY POINT ROAD
LA CROSSE, WISCONSIN 54603

OWNER: FRATERNA CORP
3400 HANSON COURT
LA CROSSE, WISCONSIN 54603

ARCHITECT: SCIART STUDIO LTD
CONTACT: MARK SCHMITT AIA, NCARB
115 5th AVENUE SOUTH #425
LA CROSSE, WISCONSIN 54601
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★ SITE LOCATION
Vicinity Map - La Crosse
Scale: NTS

A Proposed Addition to the
Viking Electric Warehouse
646 Breezy Point Road
La Crosse, Wisconsin 54603

DRAWN: MAS
CHECKED: MAS
DATE: 8/19/2016
ISSUED:

REVISIONS:

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S100

CAST-IN PLACE CONCRETE

FOOTINGS: 3,500 PSI 28-DAY COMPRESSIVE STRENGTH
AIR ENTRAINMENT: NONE REQUIRED
MAX WATER/CEMENT RATION: 0.5
MAX SLUMP: 4"

FOUNDATION WALLS: 3,500 PSI 28-DAY COMPRESSIVE STRENGTH
AIR ENTRAINMENT: 5 - 7%
MAX WATER/CEMENT RATION: 0.5
MAX SLUMP: 4"

INTERIOR SLAB: 4,000 PSI 28-DAY COMPRESSIVE STRENGTH
AIR ENTRAINMENT: 5 - 7%
MAX WATER/CEMENT RATION: 0.5
MAX SLUMP: 4"

- NOTES:**
- ALL CONCRETE SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH IBC CHAPTER 19 AND ACI-318
 - PROVIDE A 3/8" CHAMFER ON ALL EXPOSED CORNERS OF CONCRETE

REINFORCING STEEL

ALL BARS UNLESS NOTED OTHERWISE: Fy = 60 KSI ASTM A615
TIES: Fy = 60 KSI ASTM A615
HAIRPINS AT MAIN FRAME PIERS: Fy = 40 OR 60 KSI ASTM A615
WELDED WIRE FABRIC: Fy = 64 KSI ASTM A185

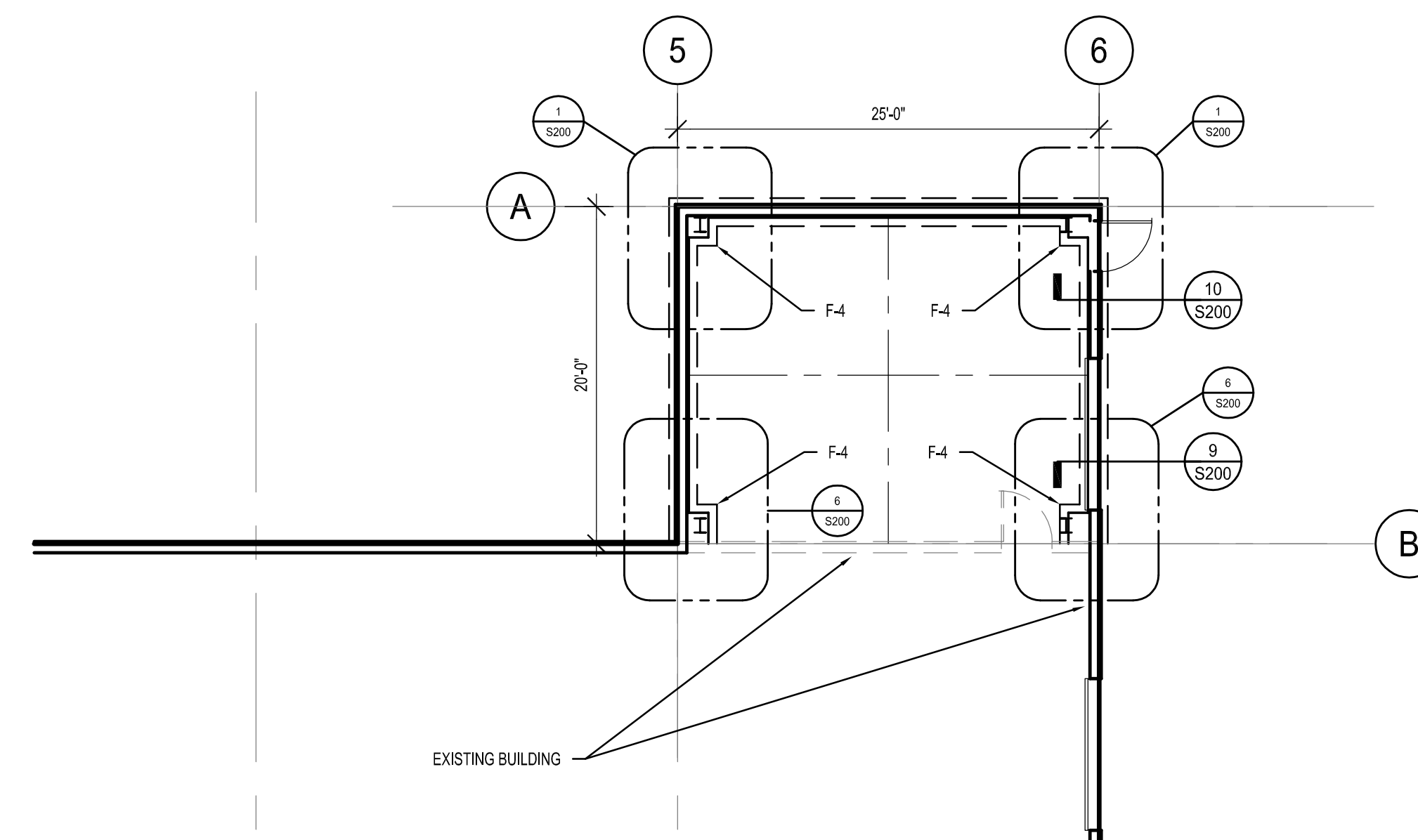
SUBGRADE:

ALL FOOTINGS AND SLAB-ON-GRADE SHALL BE PLACED ON UNDISTURBED OR COMPACTED GRANULAR MATERIAL. ANY FILL PLACED SHALL BE PLACED IN 6" LIFTS AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY.

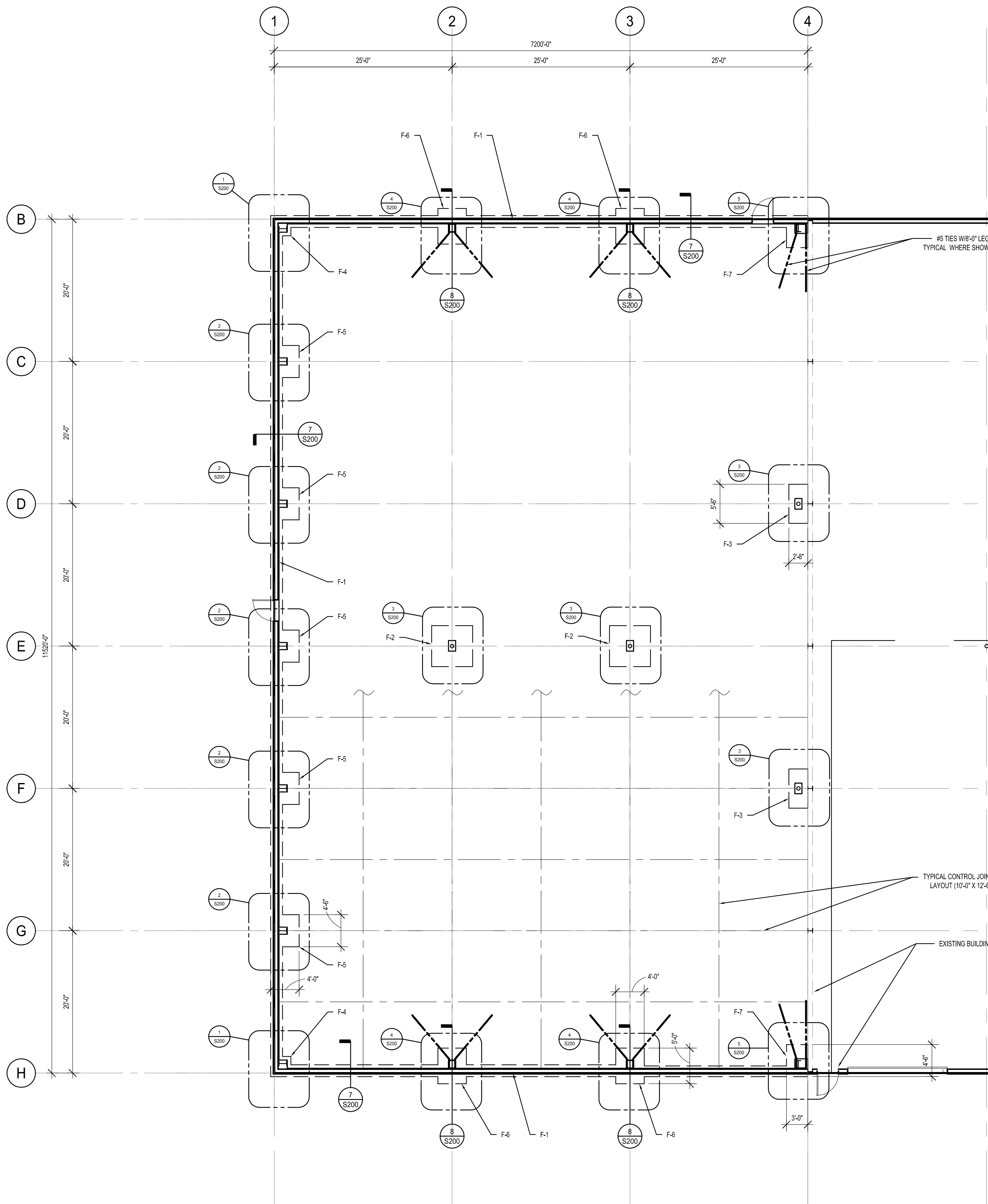
NET DESIGN BEARING CAPACITY: 3,000 PSF

FOOTING SCHEDULE

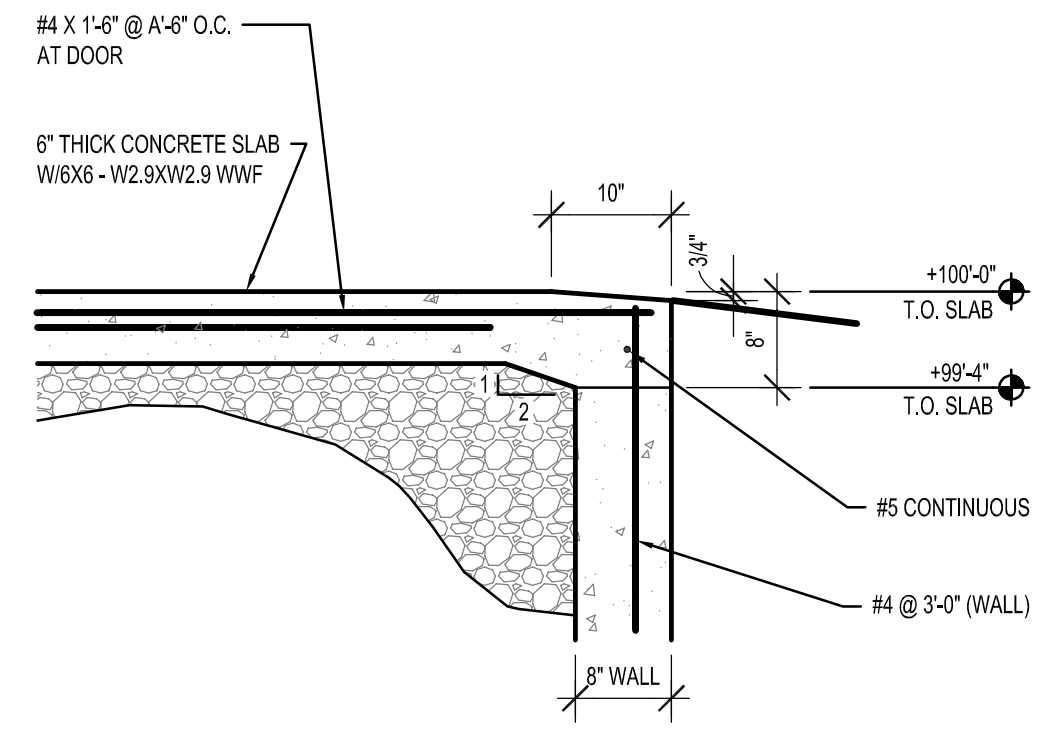
KEY	FOOTING SIZE	REINFORCEMENT REQ'D.	T.O.F.	REMARKS
F-1	CONTINUOUS 1'-8"W X 1'-0" DEEP	(2) #4 X CONTINUOUS (BOTTOM)	96'-0"	FOOTING FOR 8" WALLS
F-2	5'-9" X 5'-9" X 1'-0"	(6) #5 X 5'-5" E.W. (BOTTOM)	98'-0"	GRID LOCATION E-2 & E-3
F-3	5'-6" X 2'-8" X 1'-0"	(6) #5 X 2'-4"	98'-0"	GRID LOCATION D-4 & F-4
F-4	2'-10" X 2'-10" X 1'-0"	(3) #5 X 2'-2"	96'-0"	GRID LOCATION B-1, H-1, A-5, A-6, B-5 & B-6
F-5	4'-0" X 4'-6" X 1'-0"	(4) #5 X 4'-2" (5) #5 X 3'-8" (BOTTOM)	96'-0"	GRID LOCATION C-1, D-1, E-1, F-1, & G-1
F-6	5'-0" X 4'-0" X 1'-0"	(.) #5 X 4'-8" (5) #5 X 3'-8" (BOTTOM)	96'-0"	GRID LOCATION B-2, B-3, H-2, H-3
F-7	4'-6" X 3'-0" X 1'-0"	(5) #5 X 2'-8" (3) #5 X 4'-2" (BOTTOM)	96'-0"	GRID LOCATION B-4 & H-4



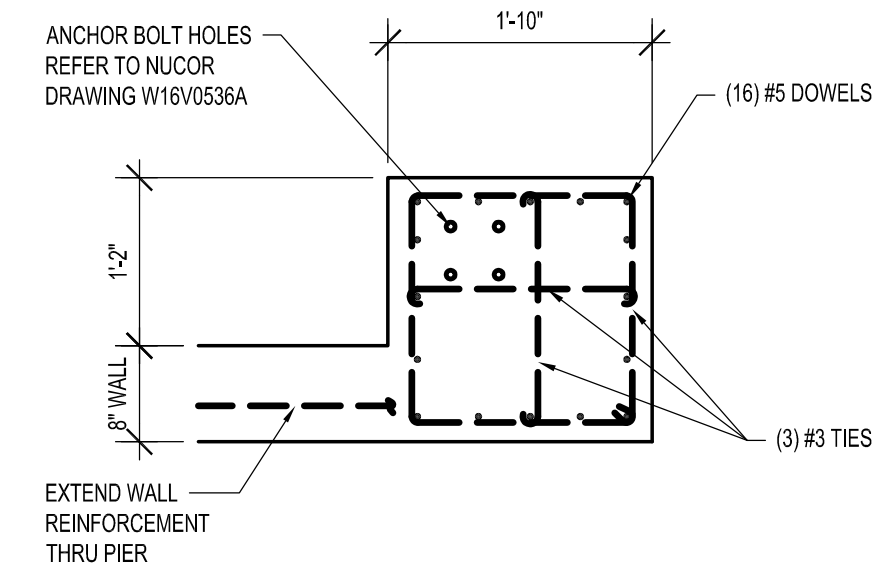
1 LOADING DOCK FOUNDATION PLAN
SCALE: 1/8" = 1'-0"



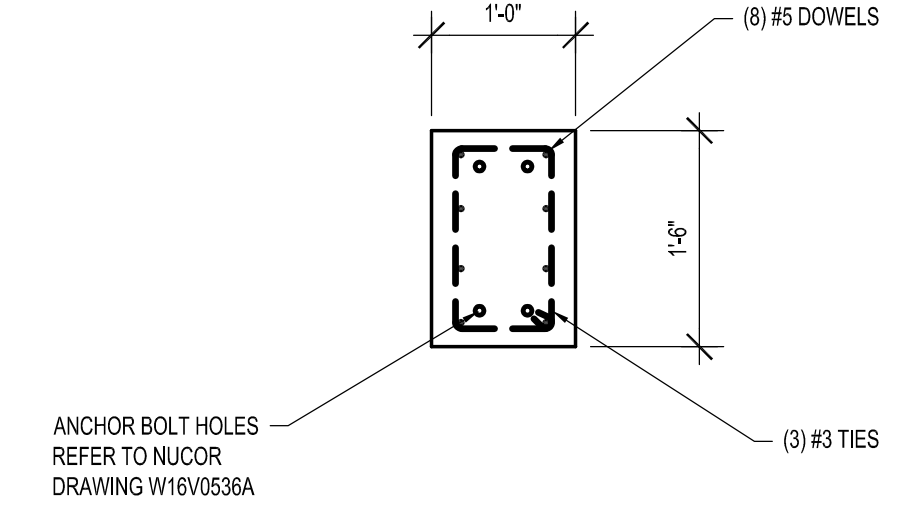
2 WAREHOUSE ADDITION FOUNDATION PLAN
SCALE: 1/8" = 1'-0"



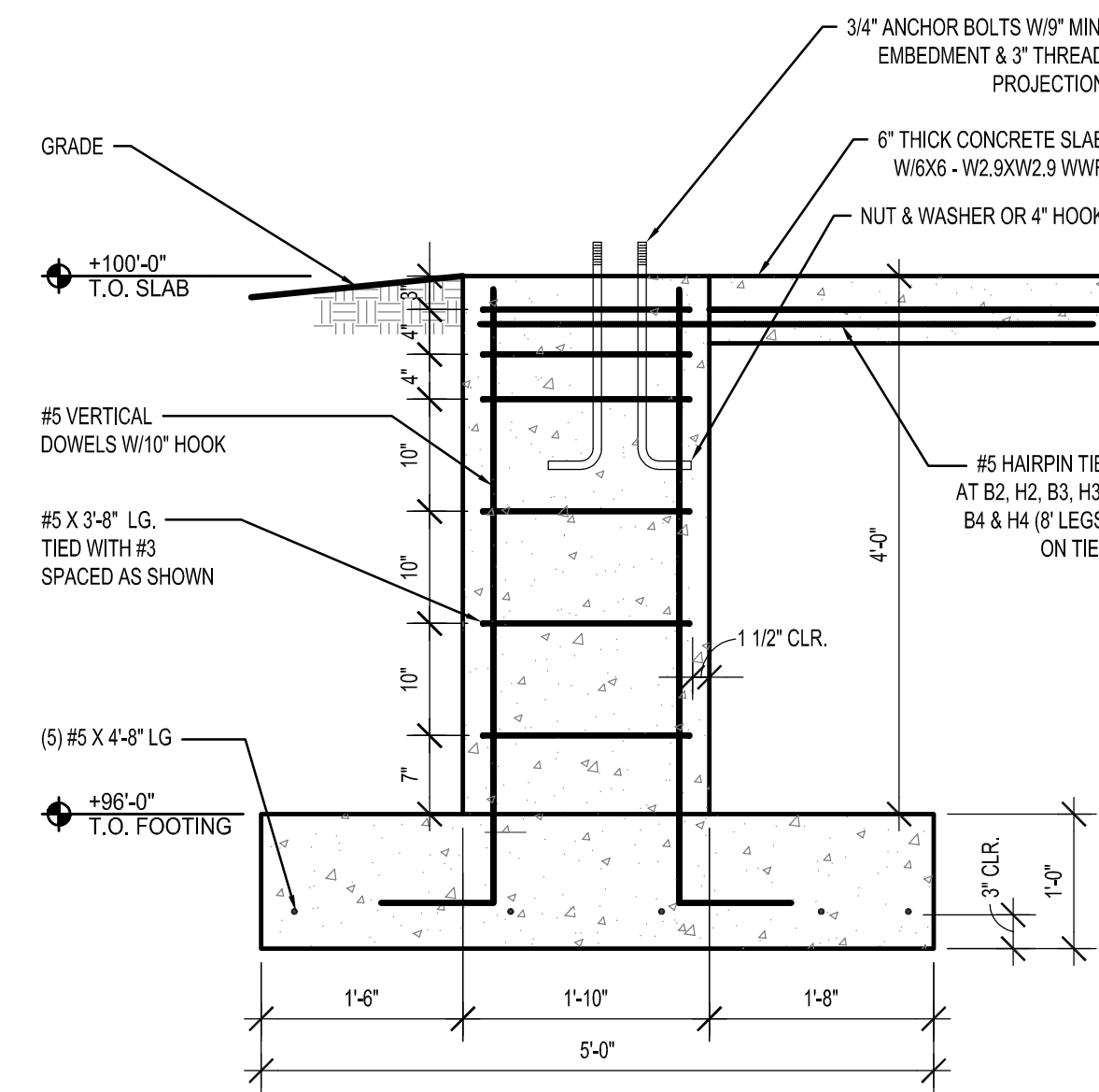
9 TYPICAL SLAB DETAIL AT OVERHEAD DOOR OPENING
SCALE: 3/4" = 1'-0"



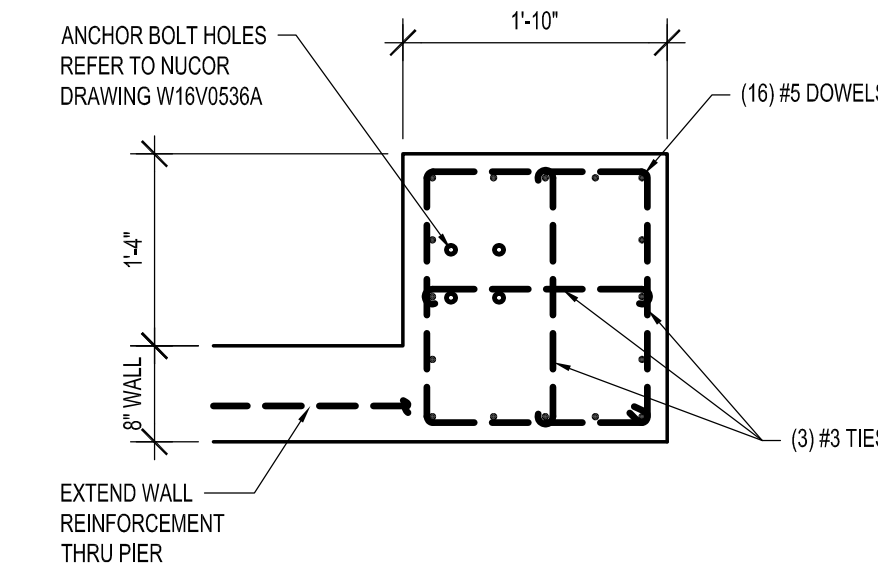
6 PIER LAYOUT
SCALE: 3/4" = 1'



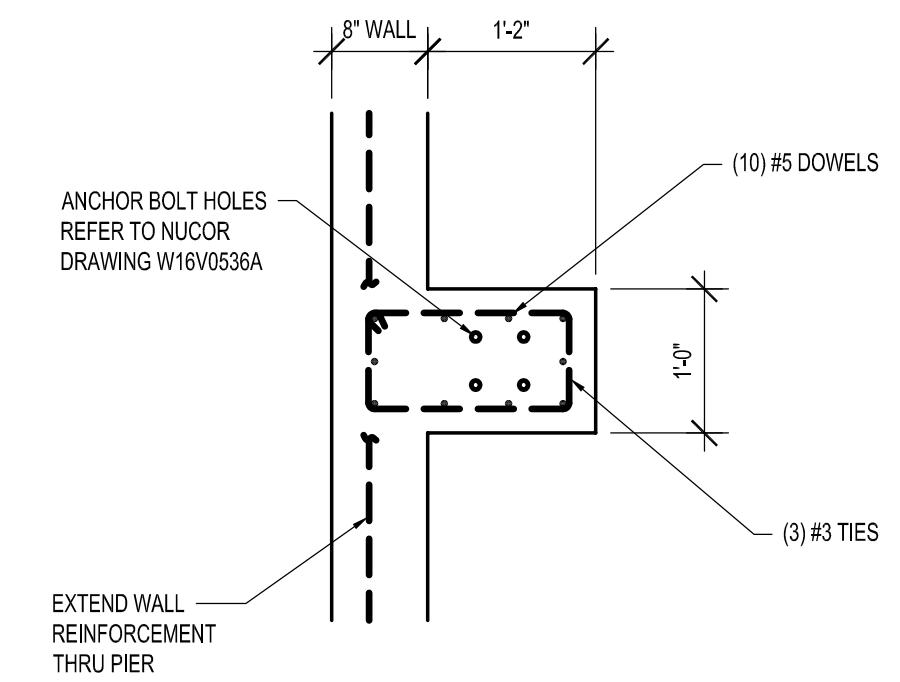
3 PIER LAYOUT @ F-2 & F-3
SCALE: 3/4" = 1'



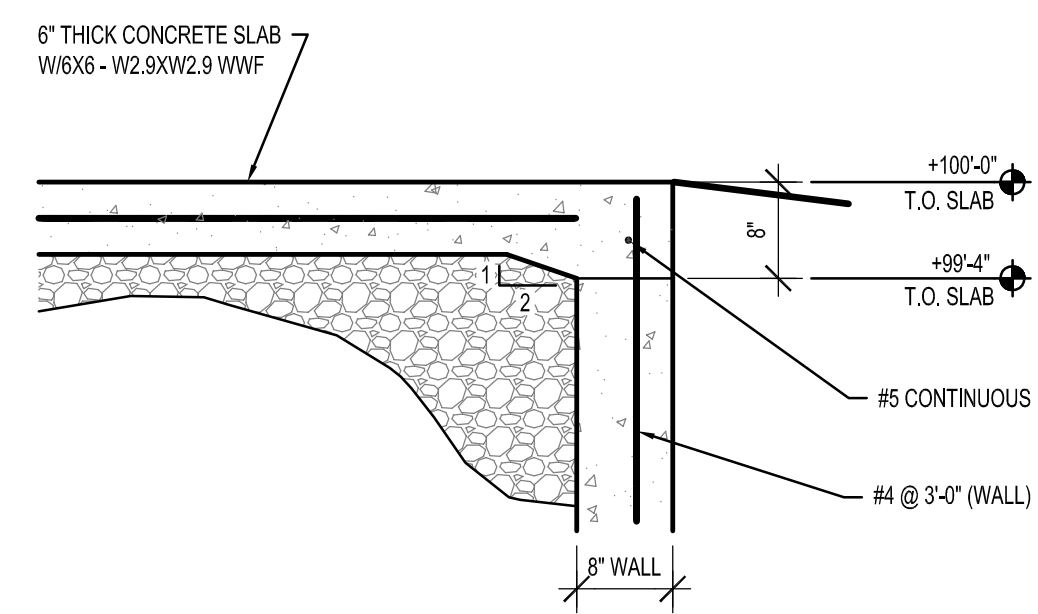
8 TYPICAL COLUMN PIER DETAIL
SCALE: 3/4" = 1'-0"



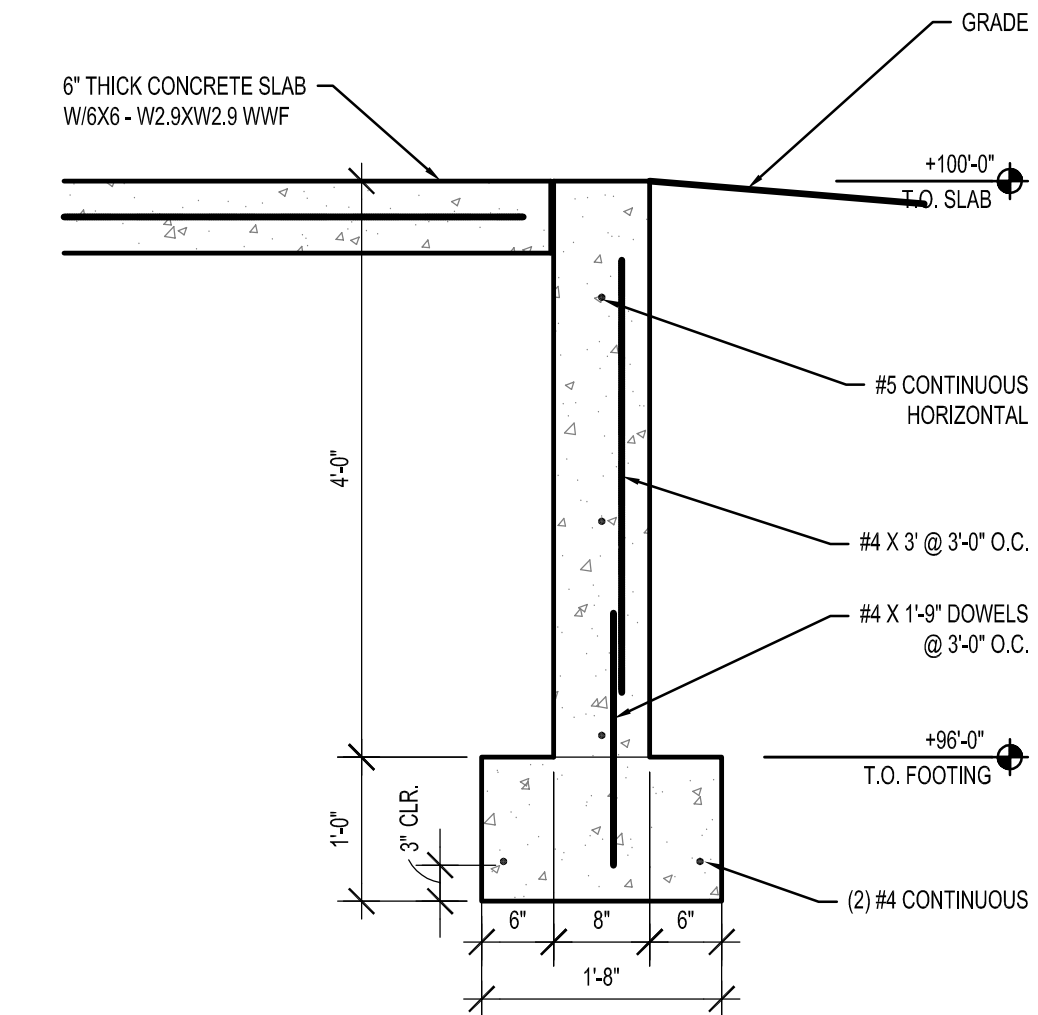
5 PIER LAYOUT @ F-7
SCALE: 3/4" = 1'



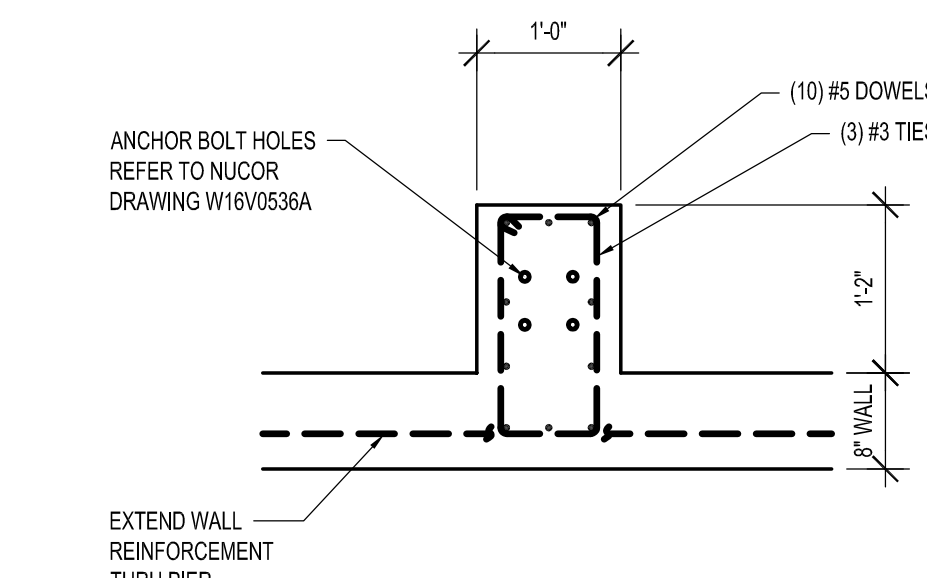
2 PIER LAYOUT @ F-5
SCALE: 3/4" = 1'



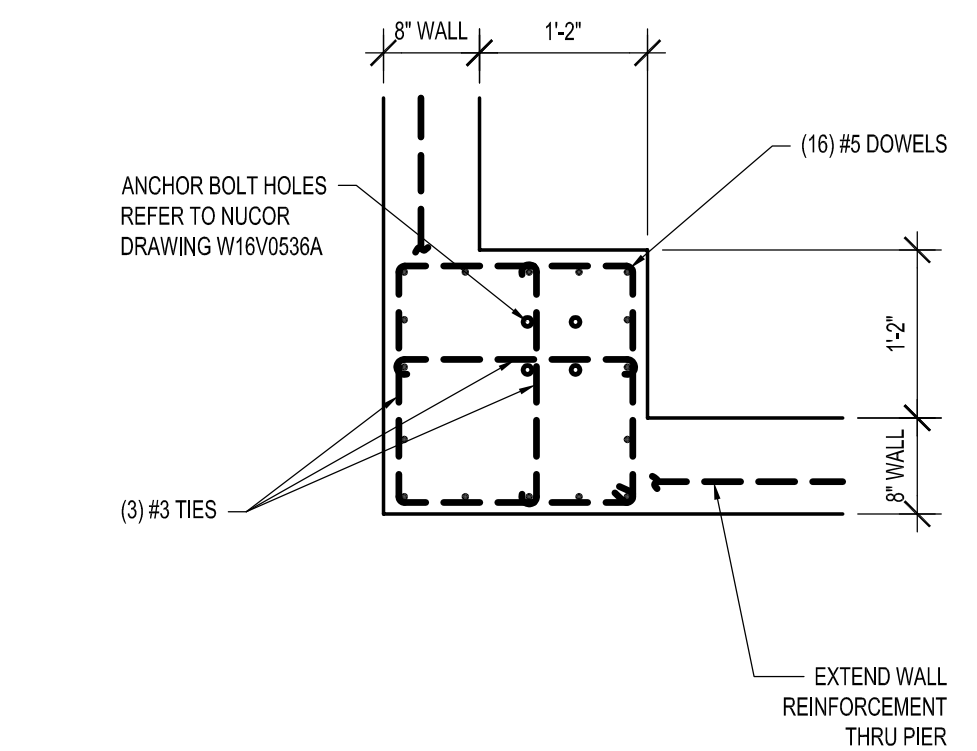
10 TYPICAL SLAB DETAIL AT MAN DOOR OPENING
SCALE: 3/4" = 1'-0"



7 TYPICAL FDN WALL BETWEEN PIERS DETAIL
SCALE: 3/4" = 1'-0"



4 PIER LAYOUT @ F-6
SCALE: 3/4" = 1'



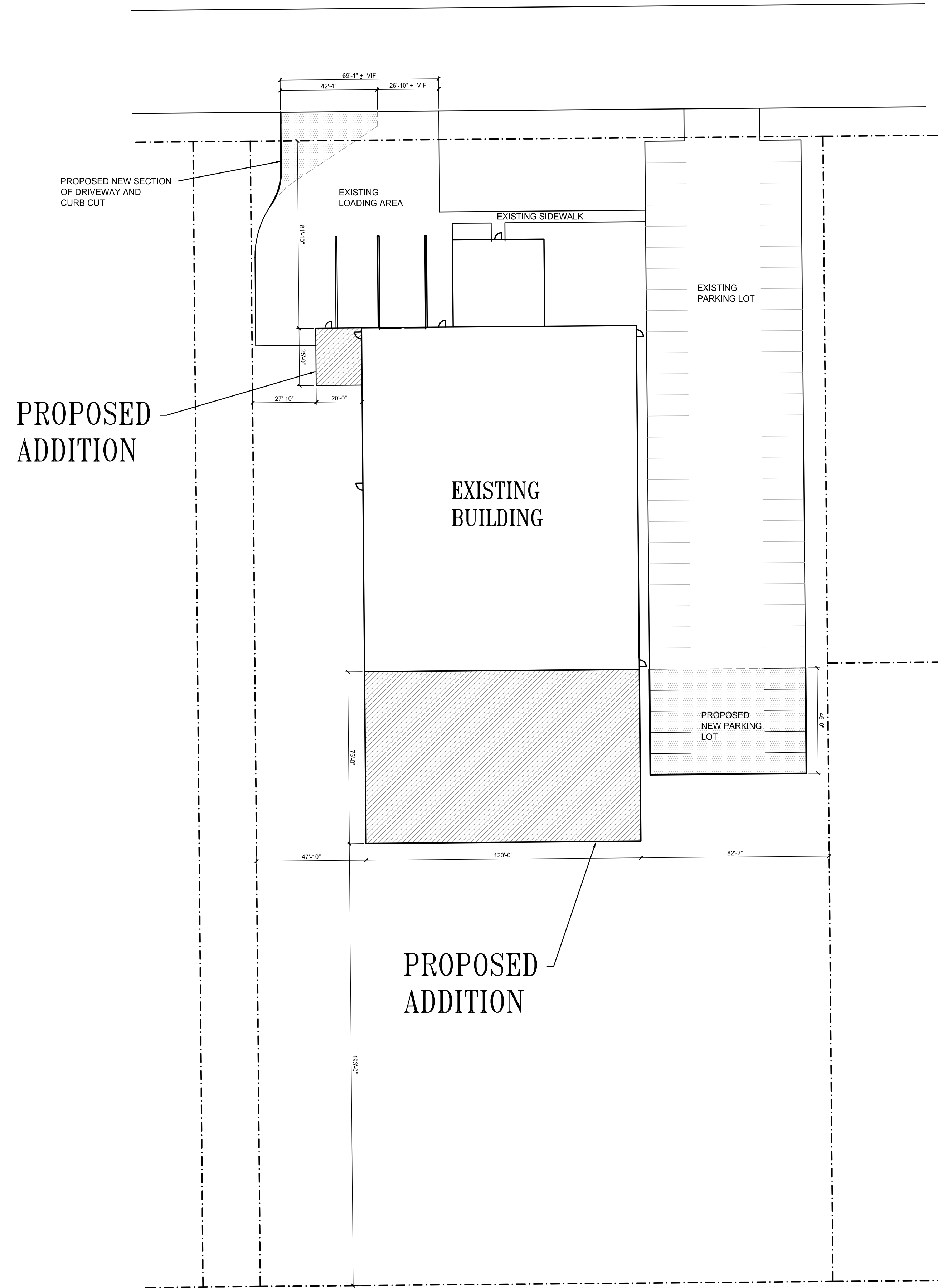
1 PIER LAYOUT @ F-4
SCALE: 3/4" = 1'

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646 Breezy Point Road
La Crosse, Wisconsin 54603

DRAWN: SAM
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1 SITE DEVELOPMENT PLAN
 SCALE: - 1" = 30'-0"

SD100

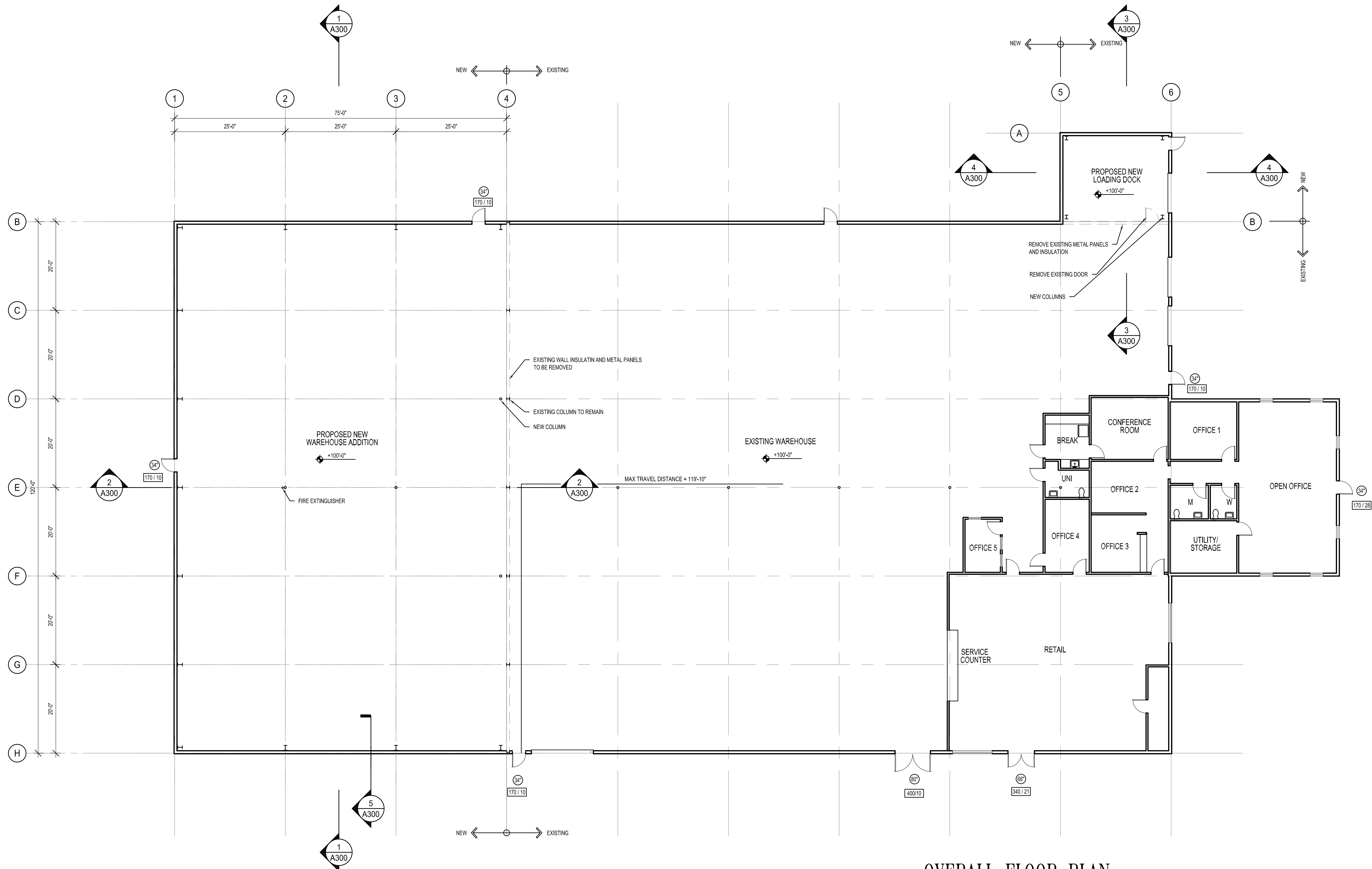
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A100



1 OVERALL FLOOR PLAN
 SCALE: 3/32" = 1'-0"

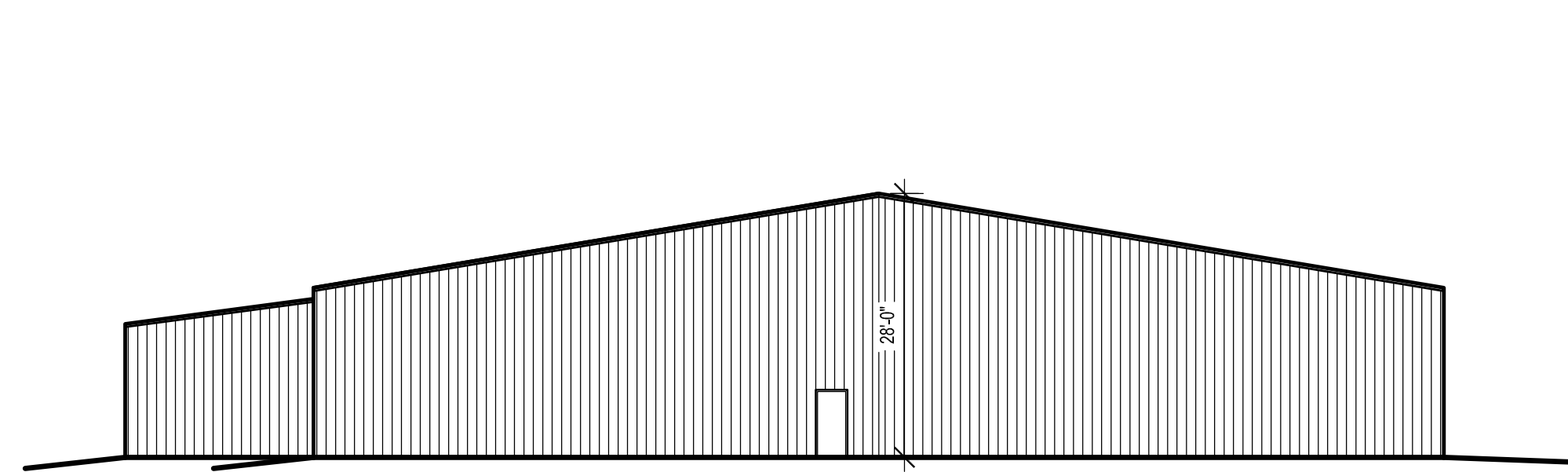
- LEGEND**
- WIDTH OF EGRESS COMPONENT (INCHES)
 - ALLOWABLE OCCUPANT LOAD / ACTUAL OCCUPANT LOAD

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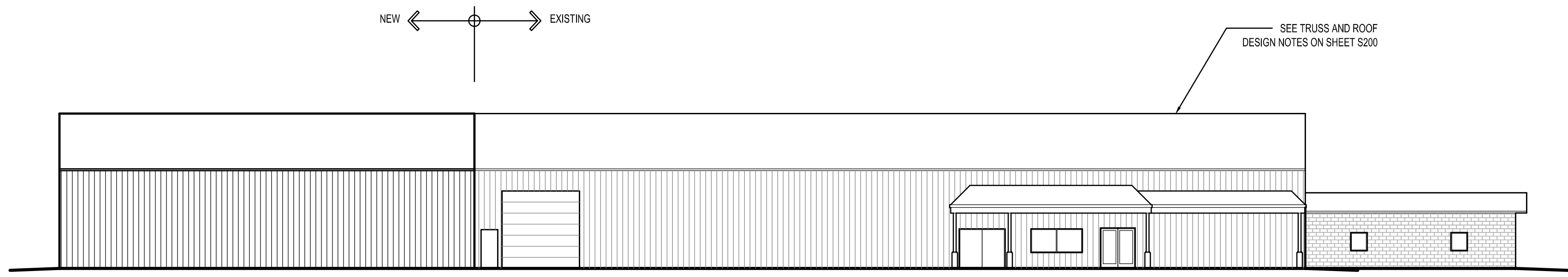
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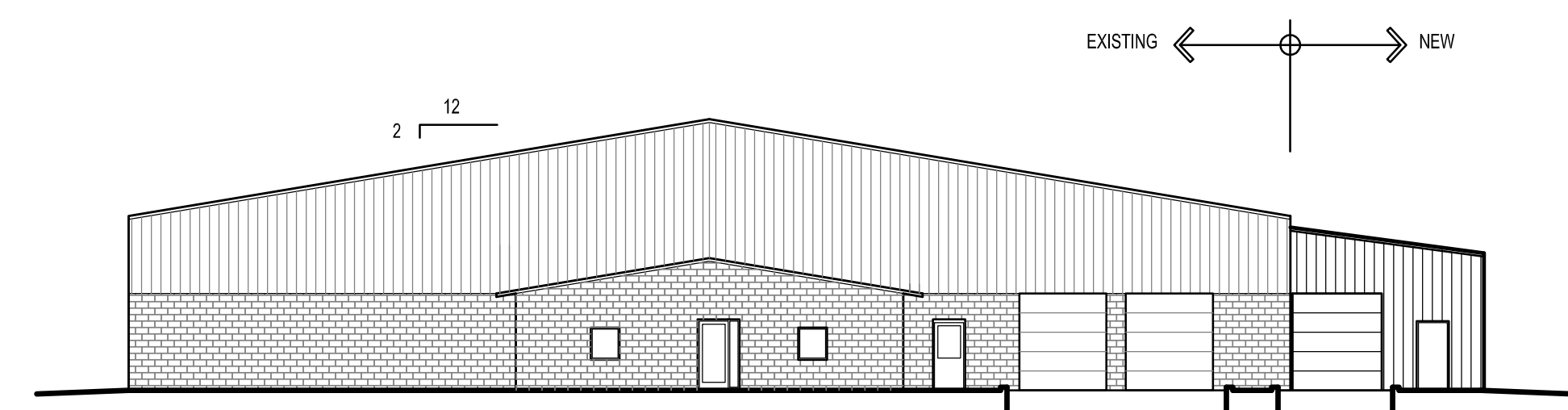
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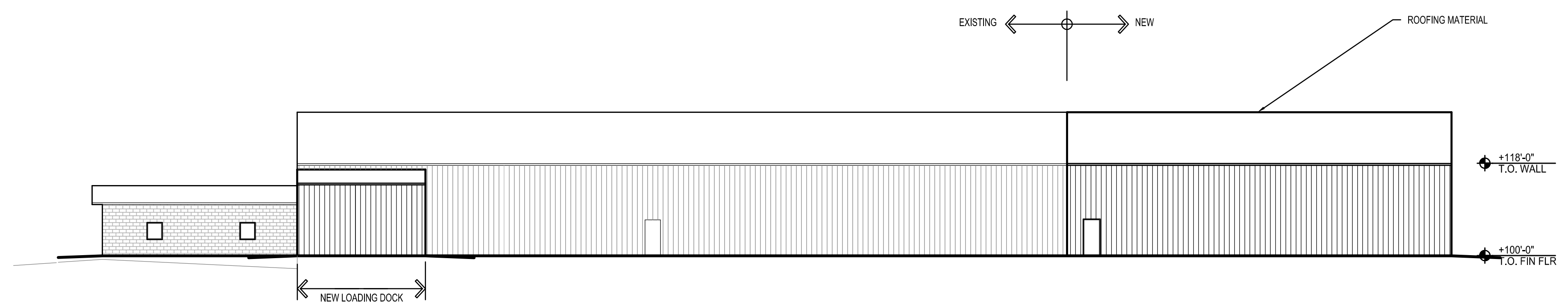
② SOUTH
 SCALE: 1/16" = 1'-0"



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



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



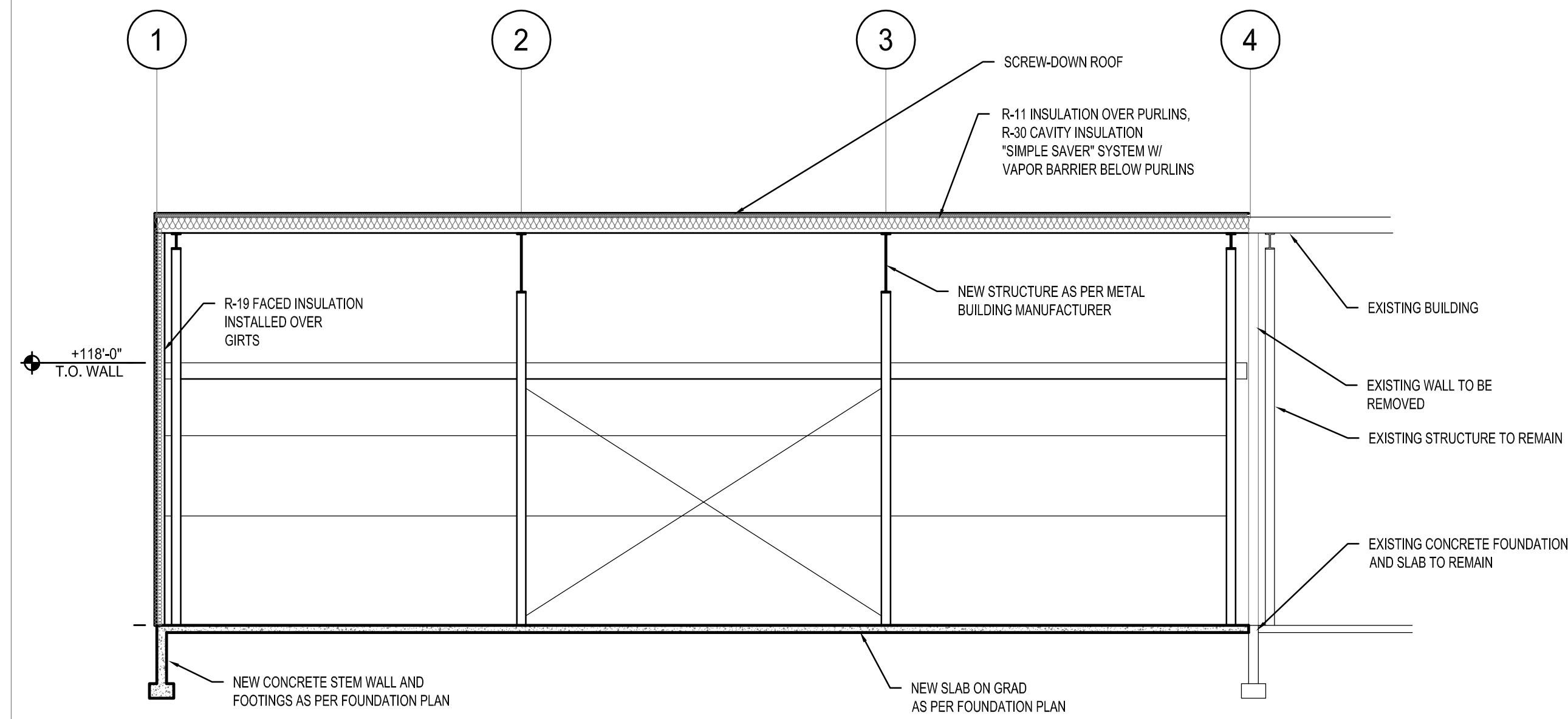
③ WEST ELEVATION
 SCALE: 1/16" = 1'-0"

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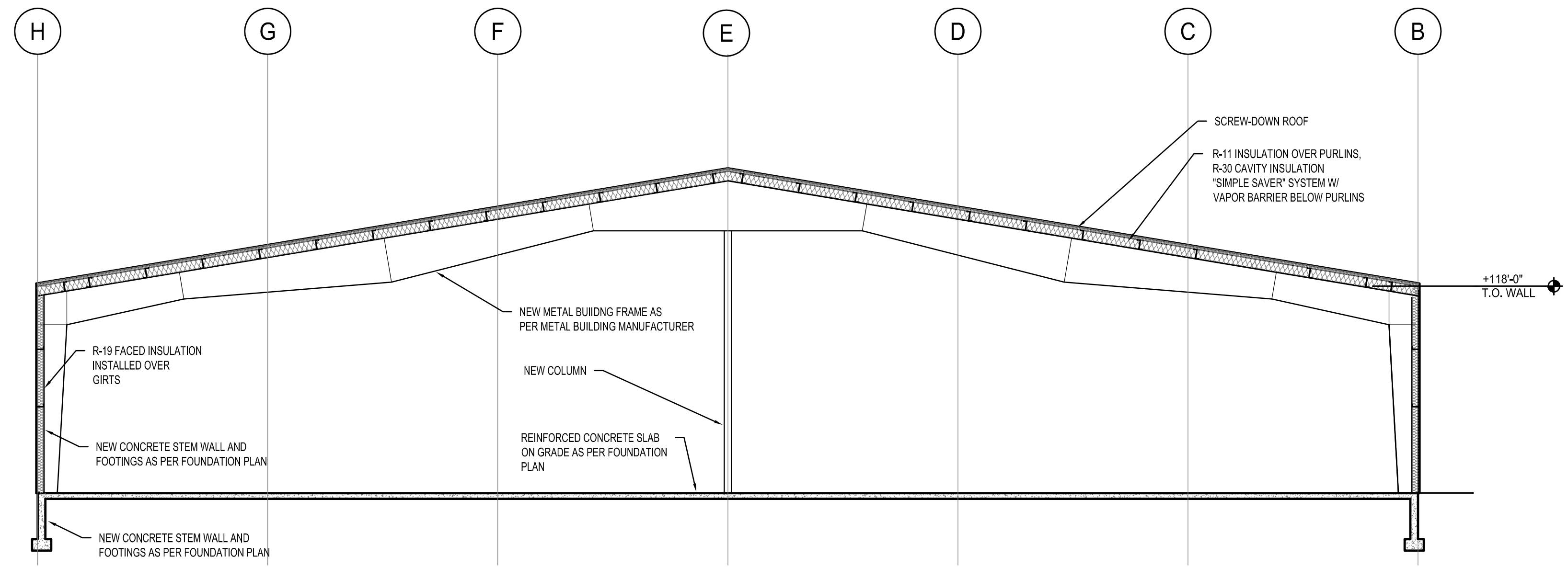
REVISIONS:

A300



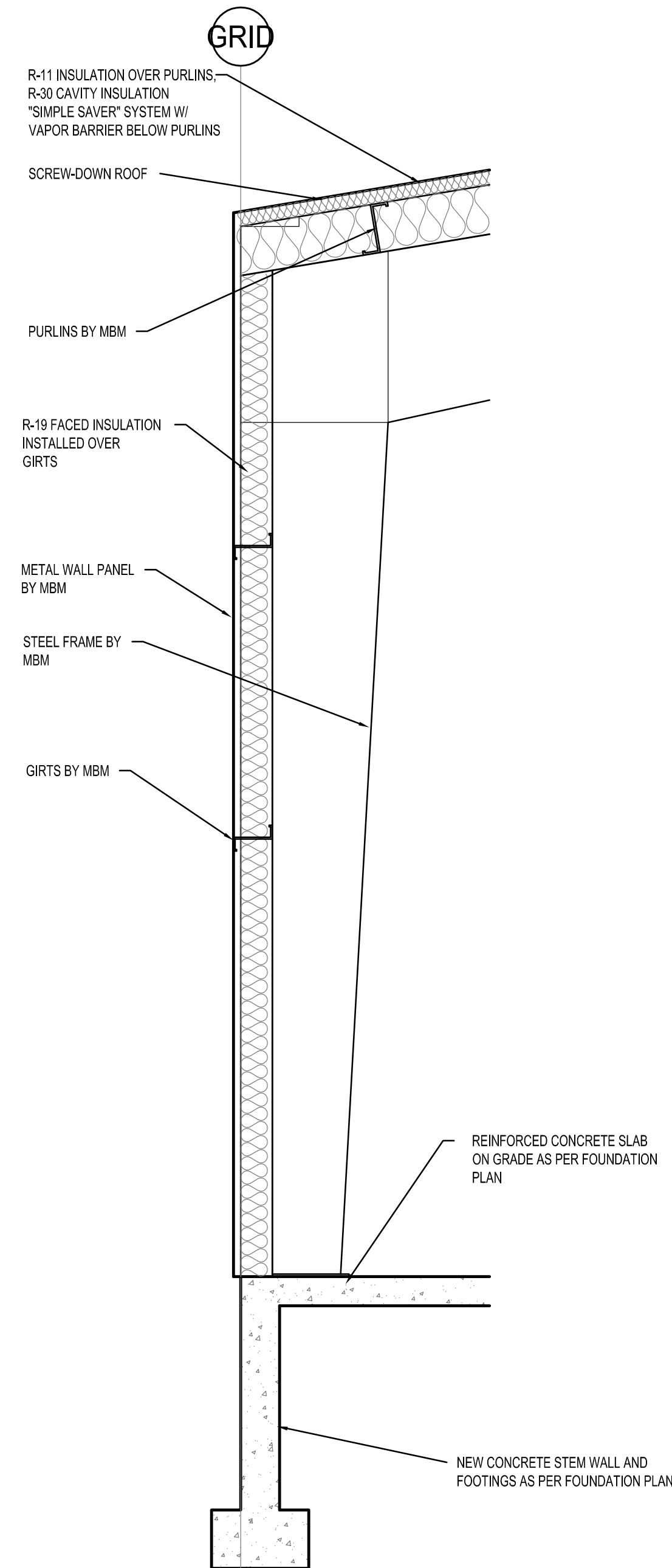
2 SECTION AT WAREHOUSE ADDITION

SCALE: 1/8" = 1'-0"



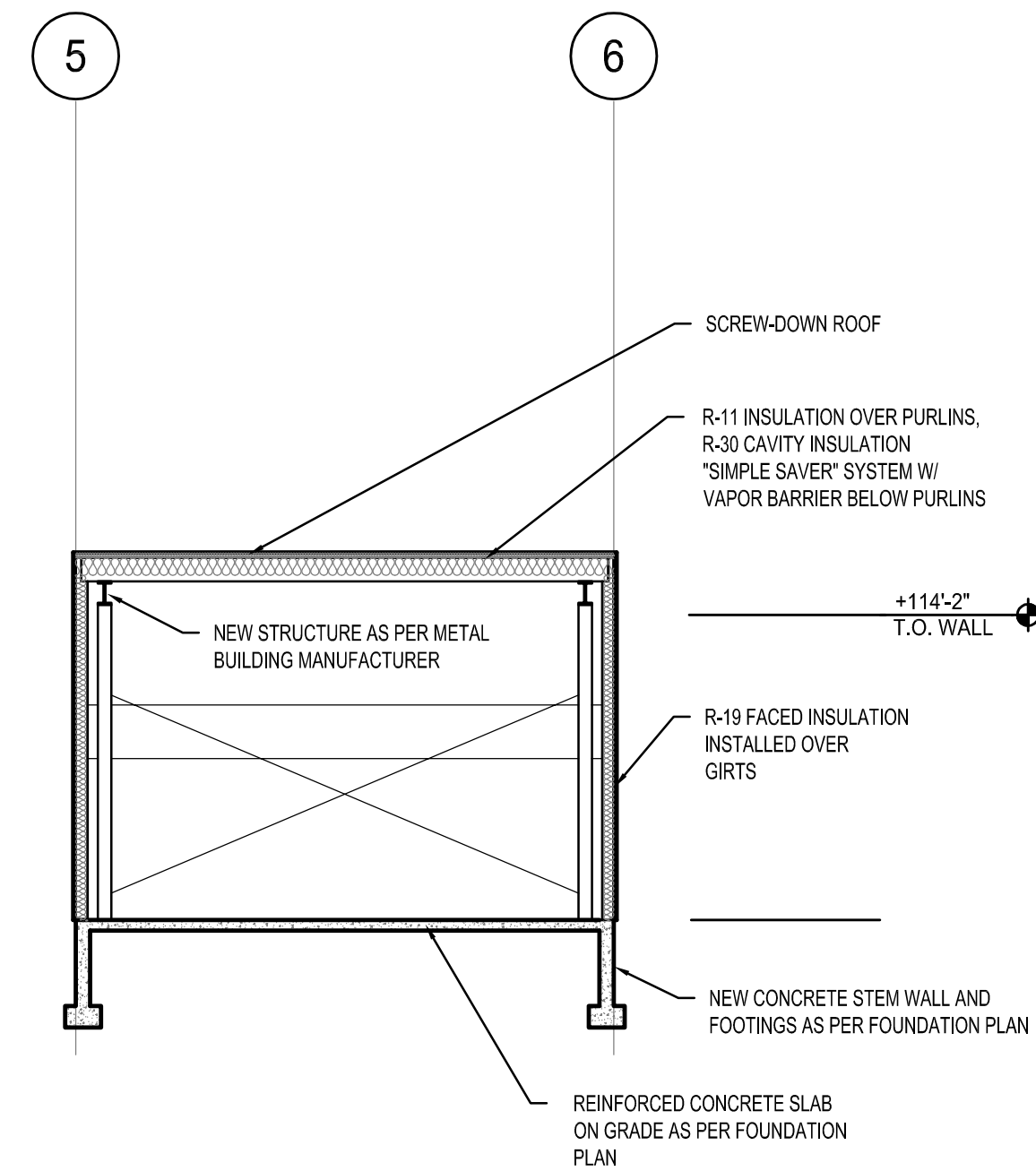
1 SECTION AT WAREHOUSE ADDITION

SCALE: 1/8" = 1'-0"



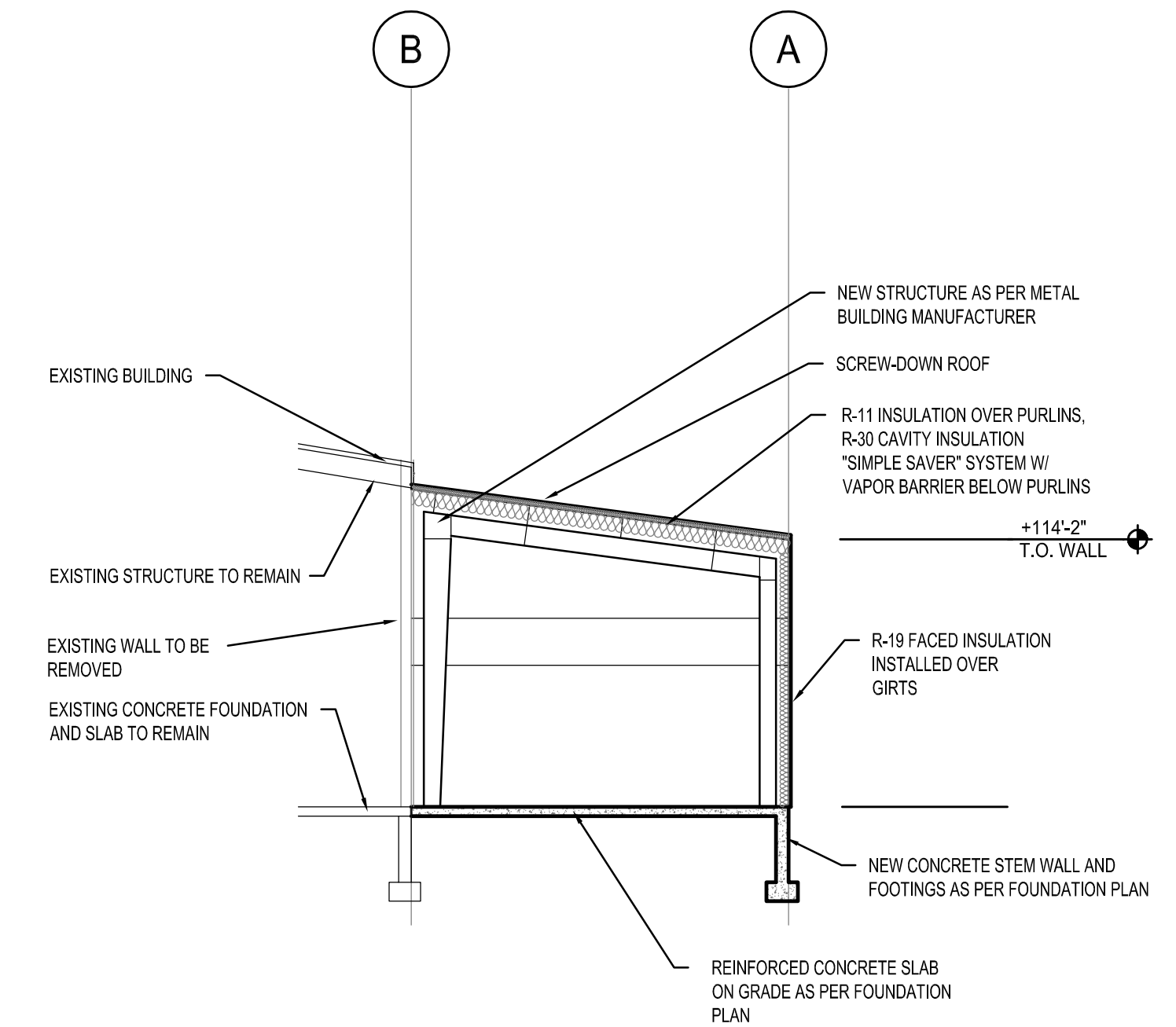
5 TYPICAL WALL SECTION

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



4 SECTION A LOADING DOCK

SCALE: 1/8" = 1'-0"



3 SECTION A LOADING DOCK

SCALE: 1/8" = 1'-0"



Number
W16V0536A
Name
VIKING ELECTRIC SUPPLY 2
Location: City, County, State
LA CROSSE, LA CROSSE, WI
Customer
Design Builders & Contractors of Eau Claire, LLC

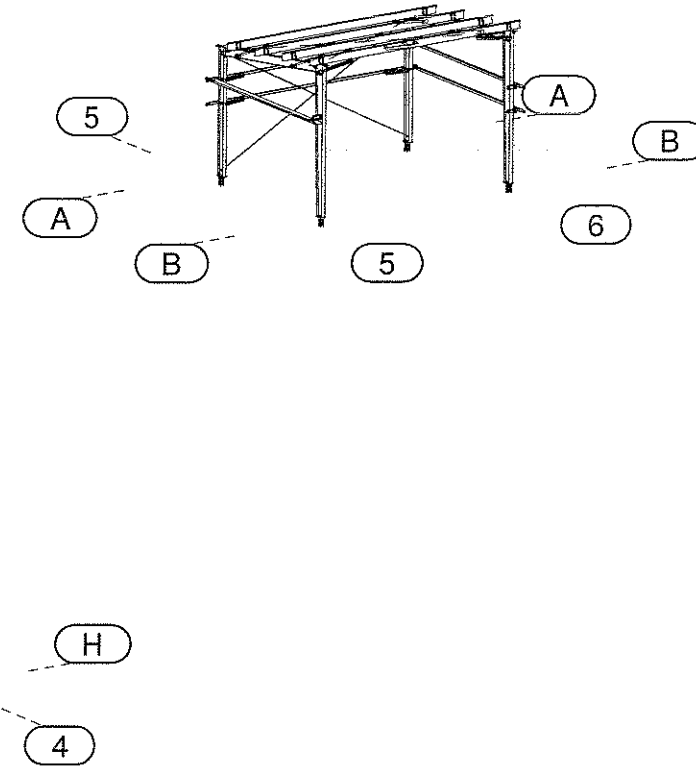
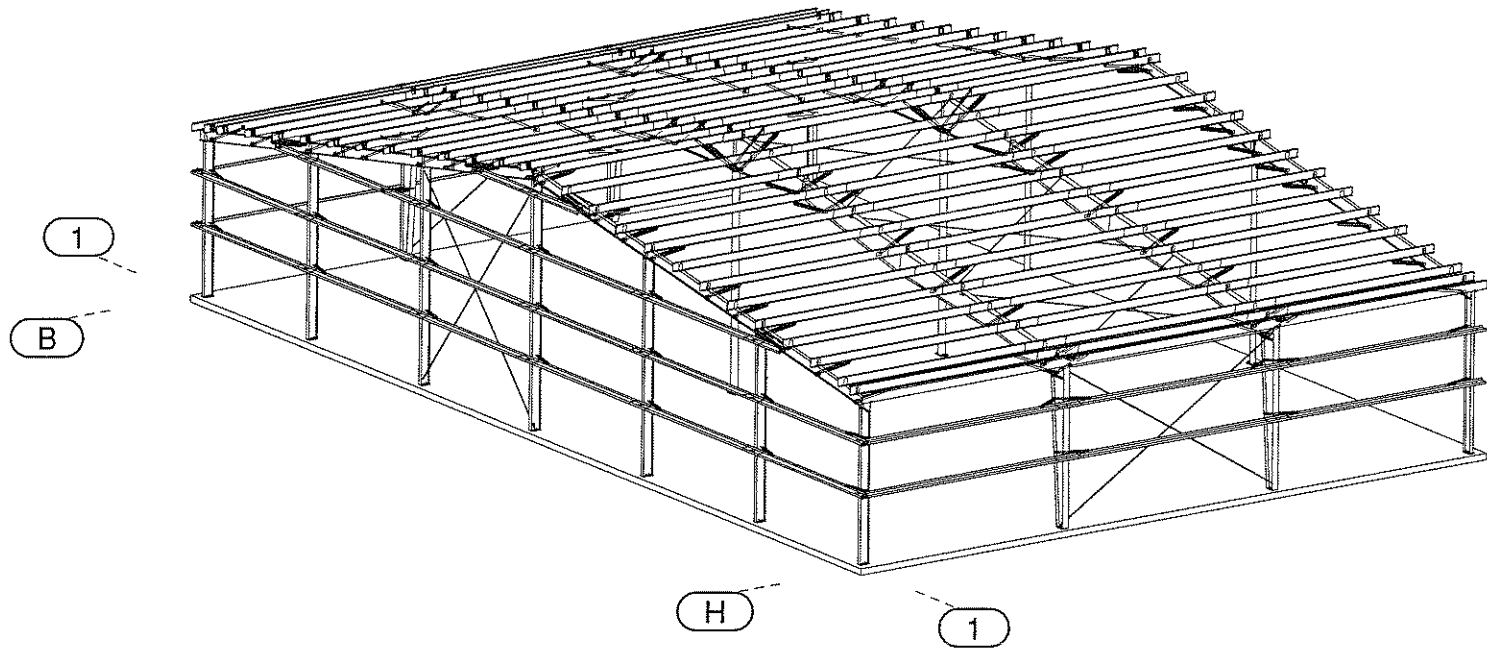
Required Manuals

Wall Sheeting
H9430 - Erection Manual

Classic Roof Sheeting
H9420 - Erection Manual

Drawing Index

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Primary Plans/Sections: P1, P2, P3, P4, P5
Roof Framing Plans: R1
Wall Framing Elevations: W1, W2, W3, W4, W5
W6



DATE	7/6/2016	DATE	7/18/2016
REV		REV	
BY	KMD/KMK	BY	CAS/KMK
CHK		CHK	
APP		APP	
ISSUE	Anchor Bolts	ISSUE	Permits

NUCOR BUILDING SYSTEMS GROUP
305 Industrial Pkwy
Waterloo, IN 46793
Phone: (260) 837-7891
Fax: (260) 837-7384

PROJECT NAME
VIKING ELECTRIC SUPPLY 2
LA CROSSE, WI

CUSTOMER NAME
Design Builders & Contractors of Eau Claire, LLC
Eik Mound, WI

JOB NUMBER
W16V0536A

SHEET TITLE
Coversheet

07/20/2016 01:57:44pm

PROFESSIONAL ENGINEER
JASON A. LIEGL
E-39144-006
BRIGHAM CITY UT

C1 OF 3

This seal pertains only to the work shown on this drawing. It does not represent the entire project. The engineer whose seal appears on this drawing is not responsible for the design of any other work shown on this drawing. The engineer whose seal appears on this drawing does not represent the project or the construction of any other work shown on this drawing.

Notes and Specifications:

Building Erection Notes

- The general contractor and/or erector is responsible to safely and properly erect the metal building system in conformance with these drawings, OSHA requirements, and either MBMA or CSA S16 standards pertaining to proper erection. This includes, but is not limited to, the correct use of temporary guys and bracing where needed for squaring, plumbing, and securing the structural and secondary framing. Secondary wall framing members(girts or bar joists) are not designed to function as a work platform or provide safety tie off attachment in accordance with OSHA requirements. Secondary roof framing members (purlins or bar joists) are not designed to provide safety tie off attachment in accordance with OSHA requirements.
- A325 & A490 Bolt tightening requirements:**
It is the responsibility of the erector to ensure proper bolt tightness in accordance with applicable regulations. See the RCSC Specification for Structural Joints Using A325 or A490 Bolts or CAN/CSA S16 "Limit States Design of Steel Structures" for more information.
The following criteria may be used to determine the bolt tightness (i.e., "snug-tight" or "fully-pretensioned"), unless required otherwise by local jurisdiction or contract requirements:
A) All A490 bolts shall be "fully-pretensioned".
B) All A325 bolts in primary framing (rigid frames and bracing) may be "snug-tight", except as follows:
"Fully-pretension" A325 bolts if:
a) Building supports a crane system with a capacity greater than 5 tons.
b) Building supports machinery that creates vibration, impact, or stress-reversals on the connections. The Engineer-of-Record for the project should be consulted to evaluate for this condition.
c) The project site is located in a high seismic area. For IBC-based codes, "High Seismic Area" is defined as "Seismic Design Category" of 'D', 'E', or 'F'. See the "Building Loads" section on this page for the defined seismic design category for this project.
d) Any connection designated in these drawings as "A325-SC". "Slip-Critical (SC)" connections must be free of paint, oil, or other materials that reduce friction at contact surfaces. Galvanized or lightly-rusted surfaces are acceptable.
C) In Canada, all A325 and A490 bolts shall be "fully-pretensioned", except for secondary members (purlins, girts, opening framing, etc.) and flange braces.
D) Secondary members (purlins, girts, opening framing, etc.) and flange brace connections may always be "snug-tight", unless indicated otherwise in these drawings.
- The metal building supplier shall be notified prior to any field modifications. Modifications shall be approved by the metal building supplier before work is undertaken.
- Common Abbreviations:
a) TYP UNO – Typical Unless Noted Otherwise
b) SLV – Short Leg Vertical
c) LLV – Long Leg Vertical
d) NS & FS – Near Side and Far Side
e) O.A.L. – Overall Length
f) SIM – Similar
g) NIC – Not in Contract
h) SL – Steel Line
i) N/A – Not Applicable
j) MBS – Metal Bldg. Supplier
- Construction loads shall not be placed on any structural steel framework unless such framework is safely bolted, welded, or otherwise adequately secured.
- Purlins and girts shall not be used as an anchorage point for a fall arrest system unless written approval is obtained from the metal building supplier.
- Purlins may only be used as a walking/working surface when installing safety systems, after all permanent bridging has been installed and fall protection is provided.
- Construction loads may be placed only within a zone that is within 8 feet of the center line of the primary support member. CFR bundles should be placed directly over the rigid frames.
- All lifting devices must meet OSHA or MSHA standards and in no case is it acceptable to use structural members supplied by the MBS as a spreader bar or lifting device.

General Design Notes

- All structural steel sections and welded plate members are designed in accordance with ANSI/AISC 360 "Specifications for Structural Steel Buildings" or the CAN/CSA S16 "Limit States Design of Steel Structures", as required by the specified building code.
- All welding of structural steel is based on either AWS D1.1 "Structural Welding Code - Steel" or CAN/CSA W59 "Welded Steel Construction (Metal Arc Welding)", as required by the specified building code.
- All cold formed members are designed in accordance with ANSI/AISI S100 or CAN/CSA S136 "Specifications for the Design of Cold Formed Steel Structural Members", as required by the specified building code.
- All welding of cold formed steel is based on AWS D1.3 "Structural Welding Code - Sheet Steel" or CAN/CSA W59 "Welded Steel Construction (Metal Arc Welding)", as required by the specified building code.
- This Nucor Building Systems facility is IAS AC-472 Accredited and CAN/CSA A660 and W47.1 Certified (if applicable) for the design and manufacturing of Metal Building Systems.
- If joists are included with this project, they are supplied as a part of the systems engineered metal building and are fabricated in accordance with the requirements of Section 1926.758 of the OSHA safety standards for steel erection, dated January 18, 2001.

Material Specifications

Plate and Flange Material:	
5"-12" Wide, To 1/4" Th.	A529, Grade 55
Others	A572 Grade 50
Built-Up Structural Web	A1011 SS (or HSLAS Class 1) Grade 55
Hot-Rolled Structural	A36 or A572 Grade 50 or A992 Grade 50
Structural Tube	A500 Grade B (46 KSI)
Structural Pipe	A500 Grade B (42 KSI)
Cold-Formed Structural	A1011 or A1039 SS (or HSLAS Class 1) Grade 55
Classic Roof Panel	A792 Grade 80
CFR / VR16 Roof Panel	A792 Grade 50, Class 1
All Wall Panel Profiles	A653 Grade 80, Class 1 or A792 Grade 80, Class 1
Rod Bracing	A529 Grade 50
Welds	AWS D1.1/D1.3 or CSA W59 per Building Code
High-Strength Bolts	A325 Type 1 or A490 Type 1 Heavy Hex
Machine Bolts	A307 Grade A Hex

Loading Area

Primary and Secondary Steel Primer Color

Red

Roof Sheeting

- Type: Classic Roof, 26 Gage, Finish: Galvalume
- Roof insulation(NOT BY NBS). Thickness: 4 "
- Roof Line Trim. Color: Burnished Slate
- Gutters. Color: Burnished Slate
- Downspouts. Color: Burnished Slate

Wall Sheeting

- Type: Classic Wall, 26 Gage, Finish: Polar White
- Wall Corner Trim. Color: Burnished Slate
- Wall Base Trim. Color: Polar White
- Wall insulation(NOT BY NBS). Thickness: 6 "

Wall Liner Panel

- Type: Classic Wall, 28 Gage, Finish: Polar White
- Liner Corner Trim. Color: Polar White

Building Options

- (2) 3070 Preassembled Walkdoor(s). Color: White

Addition

Primary and Secondary Steel Primer Color

Red

Roof Sheeting

- Type: Classic Roof, 26 Gage, Finish: Galvalume
- Roof insulation(NOT BY NBS). Thickness: 4 "
- Roof Line Trim. Color: Burnished Slate
- Gutters. Color: Burnished Slate
- Downspouts. Color: Burnished Slate

Wall Sheeting

- Type: Classic Wall, 26 Gage, Finish: Polar White
- Wall Corner Trim. Color: Burnished Slate
- Wall Base Trim. Color: Polar White
- Wall insulation(NOT BY NBS). Thickness: 6 "

Wall Liner Panel

- Type: Classic Wall, 28 Gage, Finish: Polar White
- Liner Corner Trim. Color: Polar White

Building Options

- (2) 3070 Preassembled Walkdoor(s). Color: White

Building Loads:



Design Code:	WCBC 2011
MBMA Occupancy Class:	II - Standard Buildings
Roof Live Load: REDUCIBLE PER CODE	20 PSF
Ground Snow Load:	40 PSF
Snow Exposure Factor, Ce:	1.00
Snow Importance Factor, Is:	1.00
Seismic Information:	Ss:0.063 S1:0.033
Seismic Sds/Sd1:	0.067/0.053
Site Class:	D
Seismic Imp. Factor Ie:	1.00
Seismic Design Category:	A
Analysis Procedure:	Equivalent Lateral Force Procedure
Basic SFRS:	NOT DETAILED FOR SEISMIC

Wind:	90 mph
Wind Importance Factor, Iw:	1.00
Exposure:	B
UL90:	No
Classic Roof-Const. No. 161	
Classic Roof w/Translucent Panel-Const. No. 167	
CFR Roof-Const. No. 552	
CFR Roof w/Translucent Pane-Const. No. 590	
Composite CFR Roof-Const. No. 552A	
VR16 II Roof-Const. No. 332	

Name	Loading Area	Addition
Roof Dead (PSF)	3.0	3.0
Primary Collateral (PSF)	5.0	5.0
Secondary Collateral (PSF)	5.0	5.0
Snow Ct	1.0	1.0
Snow Cs	1.00	1.00
Roof Snow (PSF)	28.00	28.00
Wind Enclosure	Enclosed	Enclosed
GCpi	+/- 0.18	+/- 0.18
Seismic R	3.00	3.00
Seismic Cs	0.010	0.010
Base Shear (KIPS)	0.2	1.2

Project Notes:

- Collateral dead loads, unless otherwise noted, are assumed to be uniformly distributed. When suspended sprinkler systems, lighting, HVAC equipment, ceilings, etc., are suspended from roof members, consult the M.B.S. If these concentrated loads exceed 500 pounds (using the web mount detail) or 200 lbs (using the flange mount detail), or if individual members are loaded significantly more than others.
- The design of structural members supporting gravity loads is controlled by the more critical effect of roof live load or roof snow load, as determined by the applicable code.

NUCOR BUILDING SYSTEMS GROUP 305 Industrial Pkwy Waterloo, IN 46798 Phone: (260) 837-7891 Fax: (260) 837-7384	 	DATE	7/6/2016				
		CHK	KMK				
Anchor Bolts	Permits	DWN	BT	CAS	KMK		
PROJECT NAME	VIKING ELECTRIC SUPPLY 2 LA CROSSE, WI						
CUSTOMER NAME	Design Builders & Contractors of Eau Claire, LLC Eik Mound, WI						
JOB NUMBER	W16V0536A						
SHEET TITLE	Building Info Coversheet						
07/14/2016 11:16:48 AM	This drawing is only to be used for the materials designed and supplied by Nucor Building Systems, Inc. or Nucor Corporation, the manufacturer of the metal building which they represent are the product of Nucor Building Systems, Inc. The registered professional engineer whose seal appears on this drawing is employed by Nucor Building Systems and does not serve as a consultant or represent the project engineer constructed as such.						
SHEET	C2 OF 3						

THIS BUILDING SYSTEM DESIGN IS BASED ON UNIFORMLY APPLYING THE CONTRACT-SPECIFIED LIVE LOAD AND ROOF SNOW LOAD. IN ADDITION, THE DESIGN IS BASED ON APPLYING A CODE-DEFINED LIVE LOAD (INCLUDING APPLICABLE REDUCTIONS) AND A CODE-DEFINED SNOW LOAD (BASED ON CONTRACT-SPECIFIED GROUND SNOW) FOR ALL PARTIAL LOADING AND UNBALANCED SNOW LOAD CONDITIONS.

WINDOWS AND DOORS THAT ARE BEING PROVIDED BY OTHERS ARE ASSUMED TO MEET THE WIND LOADING REQUIREMENTS OF THE STRUCTURE AND THE OPENINGS FOR THESE MUST BE IMPACT-RESISTANT OR PROTECTED BY AN IMPACT-RESISTANT COVERING AS SPECIFIED IN THE BUILDING CODE WHEN A HIGH WIND EVENT IS ANTICIPATED.

FOR OCCUPANCY CATEGORY I OR II BUILDINGS, IBC ALLOWS FOR SINGLE STORY BUILDINGS TO HAVE NO LIMIT FOR SEISMIC STORY DRIFT. PLEASE NOTE THAT ANY INTERIOR WALLS, PARTITIONS, CEILINGS, AND EXTERIOR WALLS SHOULD BE DETAILED (BY OTHERS) TO ACCOMMODATE THIS STORY DRIFT.

THE METAL BUILDING SUPPLIER (MBS) DOES NOT MANUFACTURE, SUPPLY OR RECOMMEND THE USE OF SNOW GUARDS OR OTHER DEVICES INTENDED TO HOLD SNOW AND/OR ICE ACCUMULATIONS ON THE ROOF SYSTEM. IF SNOW GUARDS OR OTHER DEVICES ARE TO BE USED ON THIS PROJECT, THEY MUST BE INSTALLED UNDER THE GUIDANCE OF THE "ENGINEER OF RECORD" (NOT MBS) SO AS TO NOT EXCEED THE DESIGN ROOF SNOW LOAD ON THIS PROJECT.

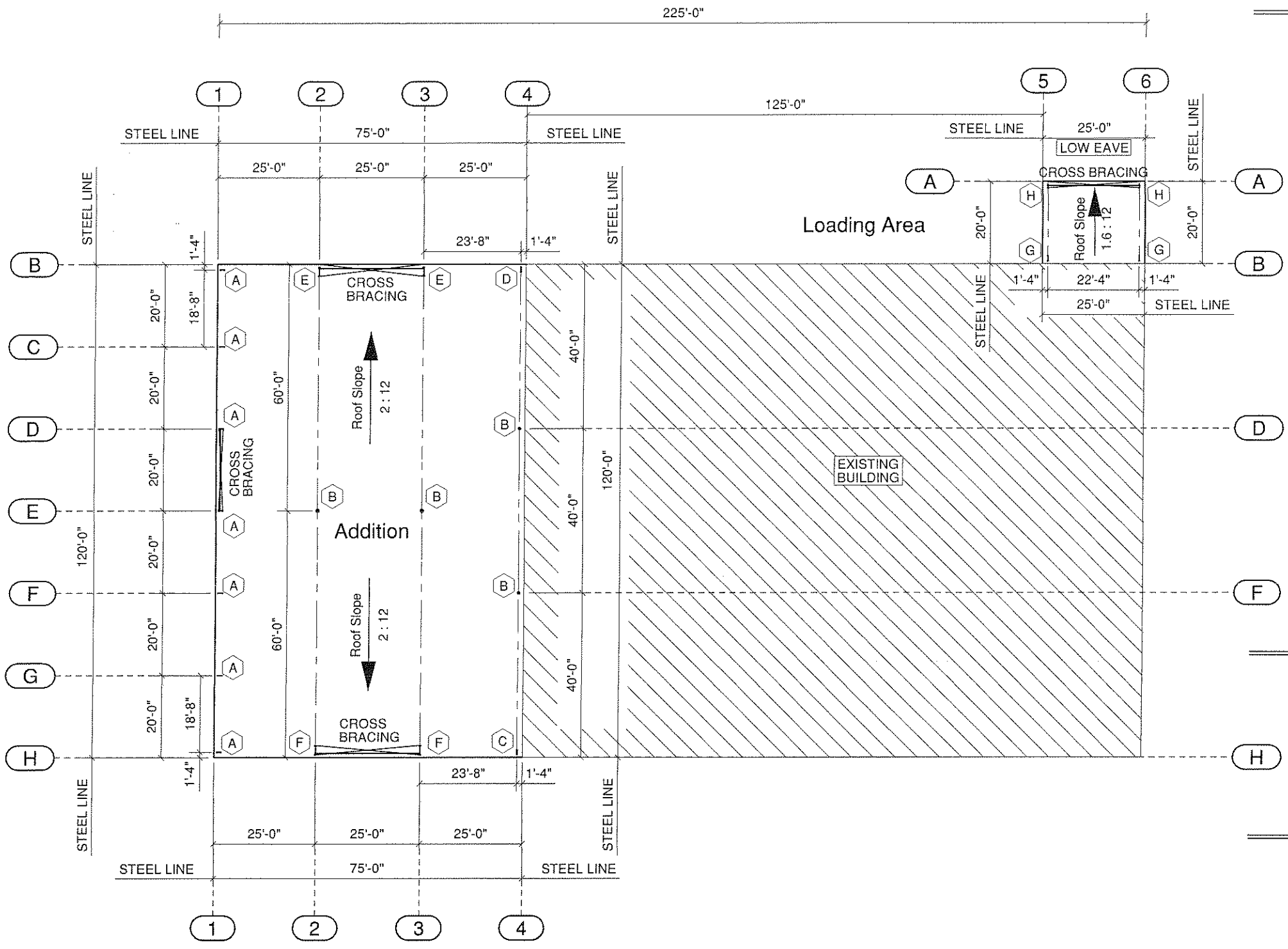
THE SPANDREL CHANNEL WHICH SUPPORTS THE TOP OF THE MASONRY WALL MUST BE ATTACHED TO THE WALL AT 4'-0" O.C. (MAXIMUM). THE DESIGN OF THIS ATTACHMENT IS BY OTHERS. FIELD DRILLING OF THE CHANNEL FOR A BOLTED ATTACHMENT WILL BE REQUIRED.

07/14/2016 11:16:50am
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PROJECT NAME
VIKING ELECTRIC SUPPLY 2
LA CROSSE, WI
 CUSTOMER NAME
Design Builders & Contractors of Eau Claire, LLC
Elk Mound, WI
 JOB NUMBER
W16V0536A
 SHEET TITLE
Building Info Coversheet

ISSUE	BY	CHK	ENG	PE	DATE
Anchor Bolts	BT	KMD	KMK		7/6/2016
Permits	BT	CAS	KMK		7/8/2016



Anchor Bolt Plan

ANCHOR BOLT PLAN GENERAL NOTES

1. THE SPECIFIED ANCHOR ROD DIAMETER ASSUMES F1554 GRADE 36 UNLESS NOTED OTHERWISE. ANCHOR ROD MATERIAL OF EQUAL DIAMETER MEETING OR EXCEEDING THE STRENGTH REQUIREMENTS SET FORTH ON THESE DRAWINGS MAY BE UTILIZED AT THE DISCRETION OF THE FOUNDATION DESIGN ENGINEER. ANCHOR ROD EMBEDMENT LENGTH SHALL BE DETERMINED BY THE FOUNDATION DESIGN ENGINEER.
2. METAL BUILDING MANUFACTURER IS NOT RESPONSIBLE FOR PROJECT FOUNDATION DESIGN. THE FOUNDATION DESIGN IS THE RESPONSIBILITY OF A REGISTERED PROFESSIONAL ENGINEER, FAMILIAR WITH LOCAL SITE CONDITIONS.
3. ALL ANCHOR RODS, FLAT WASHERS FOR ANCHOR RODS, EXPANSION BOLTS, AS WELL AS ALL CONCRETE/MASONRY EMBEDMENT PLATES ARE NOT BY METAL BUILDING MANUFACTURER.
4. THIS DRAWING IS NOT TO SCALE.
5. FINISHED FLOOR ELEVATION = 100'-0" UNLESS NOTED OTHERWISE.
6. "SINGLE" CEE COLUMNS SHALL BE ORIENTED WITH THE "TOES" TOWARD THE LOW EAVE UNLESS NOTED OTHERWISE.
7. THE ANCHOR BOLT LOCATIONS PROVIDED BY METAL BUILDING MANUFACTURER SATISFY PERTINENT REQUIREMENTS FOR THE DESIGN OF THE MATERIALS SUPPLIED BY THE METAL BUILDING MANUFACTURER. PLEASE NOTE THAT THESE REQUIREMENTS MAY NOT SATISFY ALL ANCHOR BOLT CONCRETE EDGE DISTANCE REQUIREMENTS DEPENDING ON THE DETAILS OF THE FOUNDATION DESIGN. BECAUSE FOUNDATION DESIGN IS NOT WITHIN THE METAL BUILDING MANUFACTURER SCOPE OF WORK, IT IS THE RESPONSIBILITY OF THE QUALIFIED PROFESSIONAL DESIGNING THE FOUNDATION TO MAKE CERTAIN THAT SUFFICIENT CONCRETE EDGE DISTANCE IS PROVIDED FOR THE ANCHOR BOLTS IN THE DETAILS OF THE FOUNDATION DESIGN.

ANCHOR BOLT SETTING NOTE

1. THE ANCHOR BOLT SETTINGS SHOWN ON THESE DRAWINGS NOT ONLY INDICATE WHERE THE ANCHOR BOLTS ARE TO BE PLACED, BUT ALSO THE FOOTPRINT OF THE METAL BUILDING. IT IS ESSENTIAL THAT THESE BOLT PATTERNS BE FOLLOWED. IN THE EVENT THAT THESE SETTINGS DIFFER FROM THE ARCHITECTURAL FOUNDATION PLANS, THE METAL BUILDING MANUFACTURER MUST BE CONTACTED IMMEDIATELY, BEFORE CONCRETE IS PLACED.

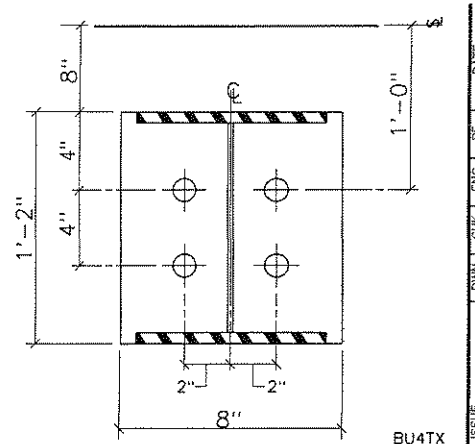
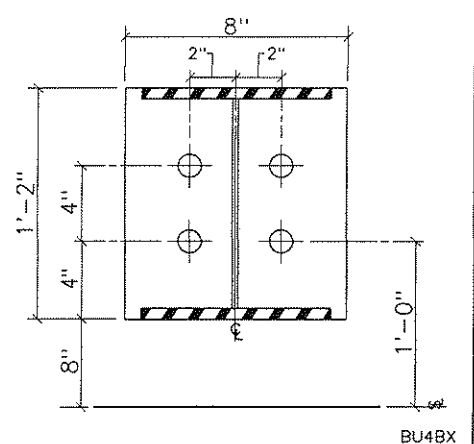
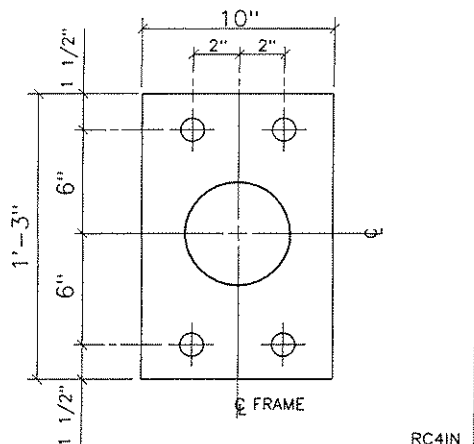
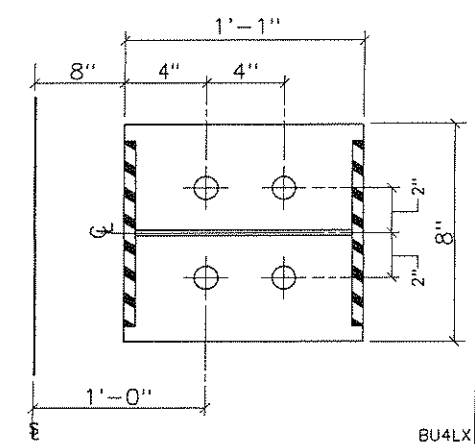
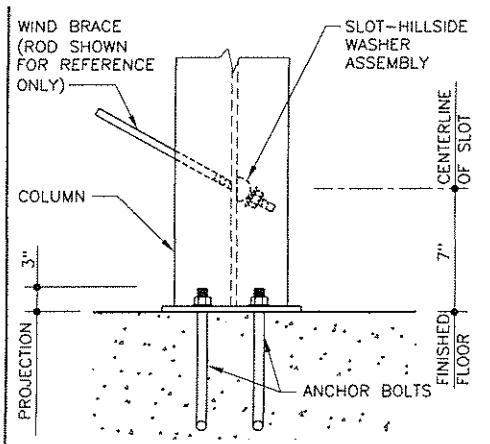
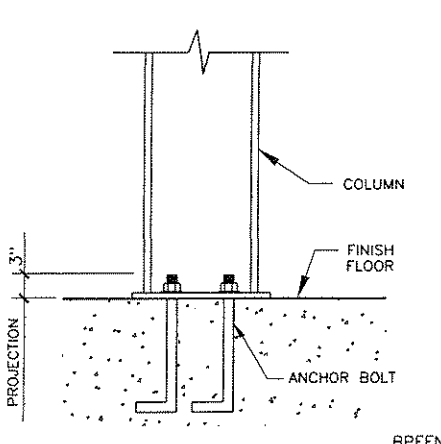
TYPICAL BASEPLATE ELEVATION

FINISHED FLOOR = 100'-0"
 BOTTOM OF BASEPLATE
 ELEVATION = 100'-0"
 (AT FINISHED FLOOR U.N.O.)

SCHEDULES

ANCHOR BOLT SCHEDULE		
QUANTITY	SIZE	PROJECTION
84	3/4"	3" FROM BOTTOM OF BASE PLATE
-	1"	3" FROM BOTTOM OF BASE PLATE
-	1 1/4"	3" FROM BOTTOM OF BASE PLATE

DATE	7/6/2016	DATE	7/8/2016
REV		REV	
CHK	KMD/KMK	CHK	CAS/KMK
DRN	BT	DRN	BT
ISSUE	Anchor Bolts	ISSUE	Permits
NUCOR			
BUILDING SYSTEMS GROUP			
305 Industrial Pkwy Waterloo, IN 46793 Phone: (260) 837-7891 Fax: (260) 837-7384			
PROJECT NAME	VIKING ELECTRIC SUPPLY 2 LA CROSSE, WI	CUSTOMER NAME	Design Builders & Contractors of Eau Claire, LLC Eik Mound, WI
JOB NUMBER	W16V0536A	SHEET TITLE	Anchor Bolt Plan
<small>This set pertains only to the metal building supplied by Nucor Building Systems, a division of Nucor Systems, and the metal building which they represent are the product of Nucor Building Systems. The Nucor Building Systems engineer whose seal appears on these drawings is not responsible for the building design or represent the project engineer or contractor as such.</small>			
DATE	07/14/2016	TIME	11:16:51 AM
			SHEET F1 OF 2



TYPICAL COLUMN BASE PLATE DETAIL

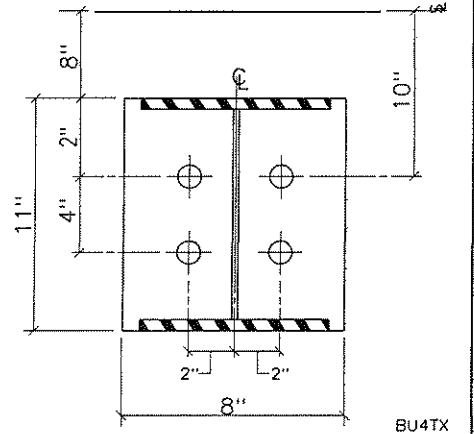
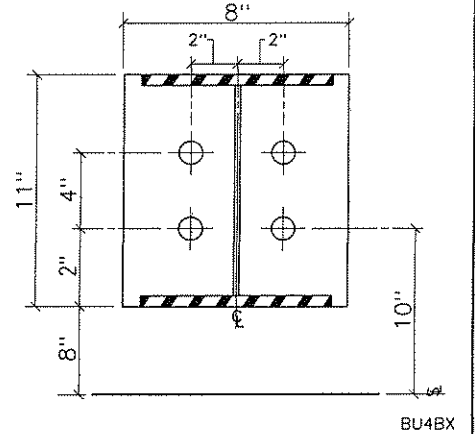
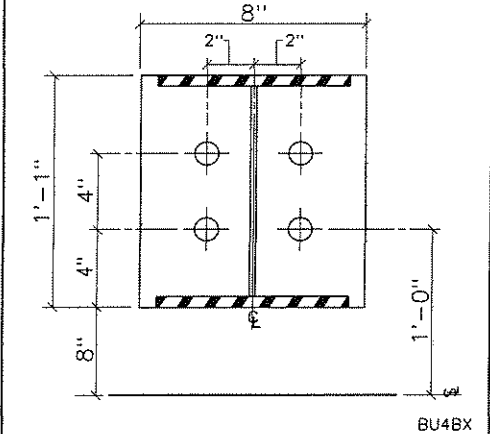
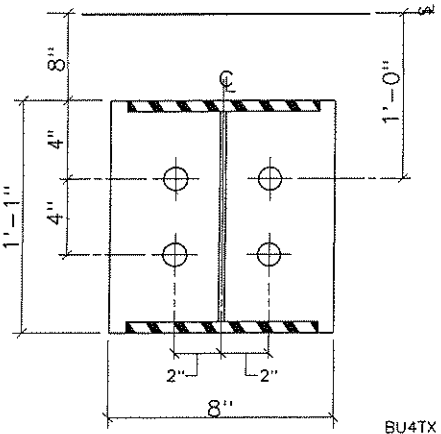
TYPICAL COLUMN BASE PLATE DETAIL AT SLOT-HILLSIDE WASHER LOCATION

A (4) 3/4" Ø ANCHOR BOLTS WITH A 3" PROJECTION

B (4) 3/4" Ø ANCHOR BOLTS WITH A 3" PROJECTION

C (4) 3/4" Ø ANCHOR BOLTS WITH A 3" PROJECTION

D (4) 3/4" Ø ANCHOR BOLTS WITH A 3" PROJECTION



E (4) 3/4" Ø ANCHOR BOLTS WITH A 3" PROJECTION

F (4) 3/4" Ø ANCHOR BOLTS WITH A 3" PROJECTION

G (4) 3/4" Ø ANCHOR BOLTS WITH A 3" PROJECTION

H (4) 3/4" Ø ANCHOR BOLTS WITH A 3" PROJECTION

DATE	ISSUE	BY	CHK	ENG	PRE
7/6/2016	Anchor Bolts	BT	KMD	KMK	
7/8/2016	Permits	BT	CAS	KMK	

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PROJECT NAME
VIKING ELECTRIC SUPPLY 2
LA CROSSE, WI

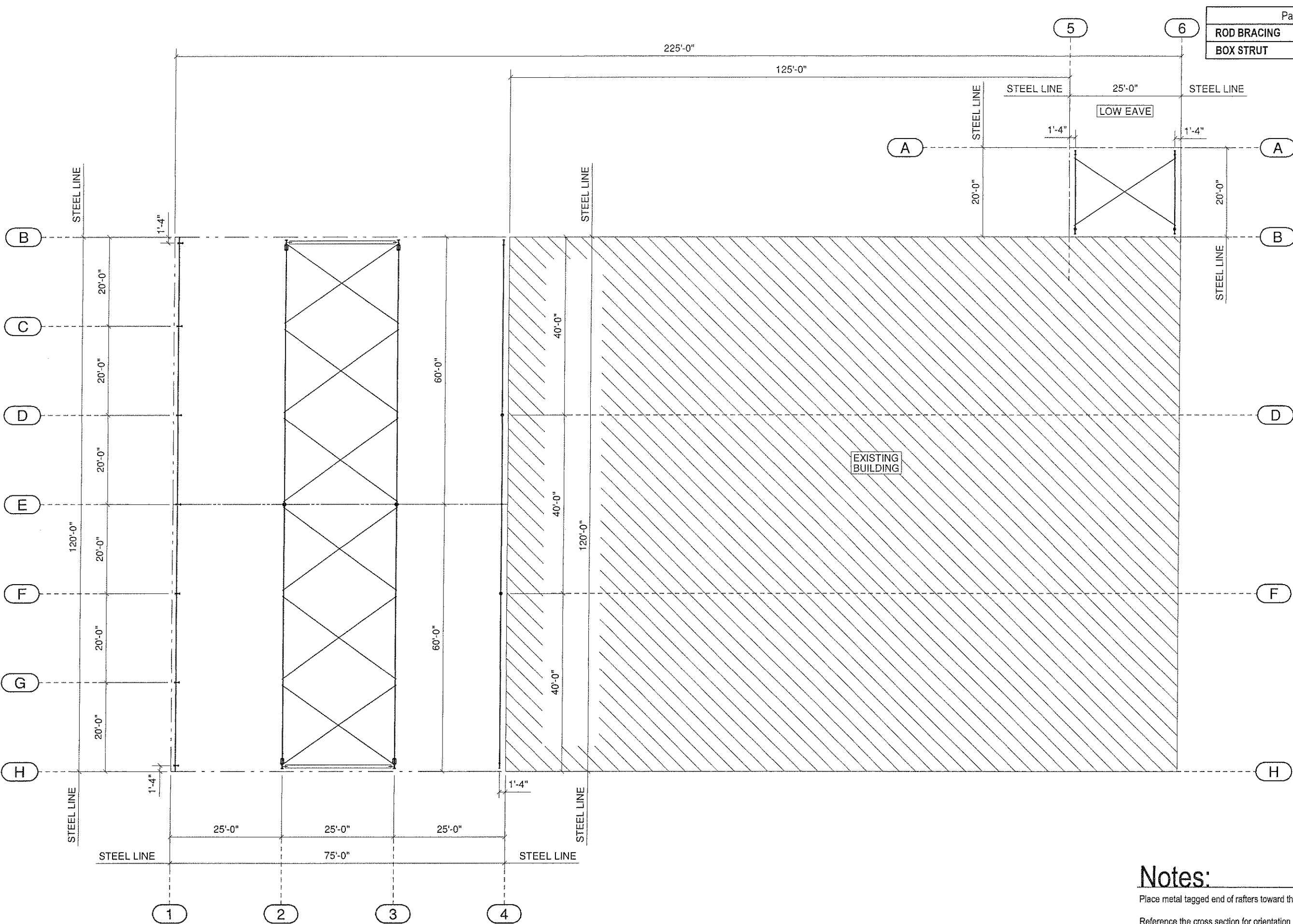
CUSTOMER NAME
Design Builders & Contractors of Eau Claire, LLC
Elk Mound, WI

JOB NUMBER
W16V0536A

SHEET TITLE
Anchor Bolt Details

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SHEET
F2 OF 2



Part Sizes
ROD BRACING
BOX STRUT

Mark Number Plan

Notes:
 Place metal tagged end of rafters toward the low eave.
 Reference the cross section for orientation of the interior columns.

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DATE	7/8/2016
DRW	BT
CHK	CAS
ENG	KMK
PR	
ISSUE	Permits

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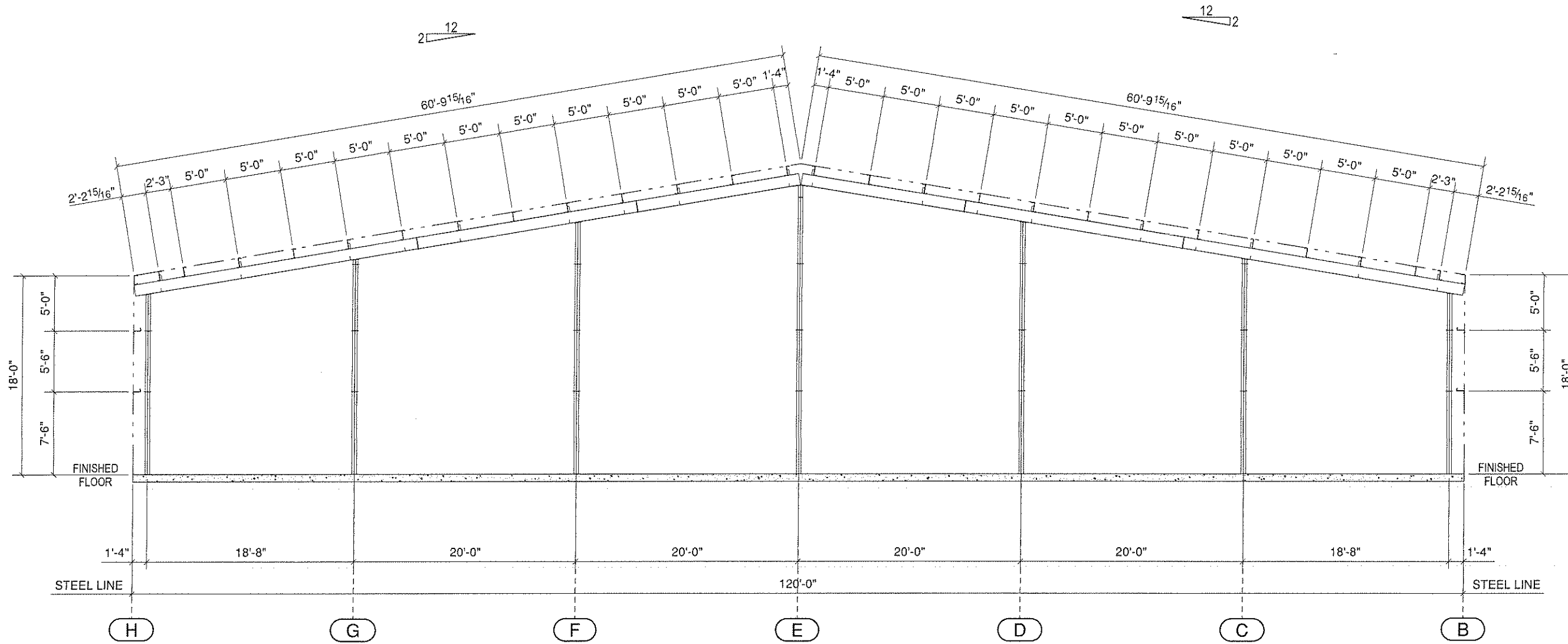
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CUSTOMER NAME
 Design Builders & Contractors of Eau Claire, LLC
 Elk Mound, WI

JOB NUMBER
 W16V0536A

SHEET TITLE
 Mark Number Plan

SHEET
 P1 OF 5



Frame At Line 1

Notes:

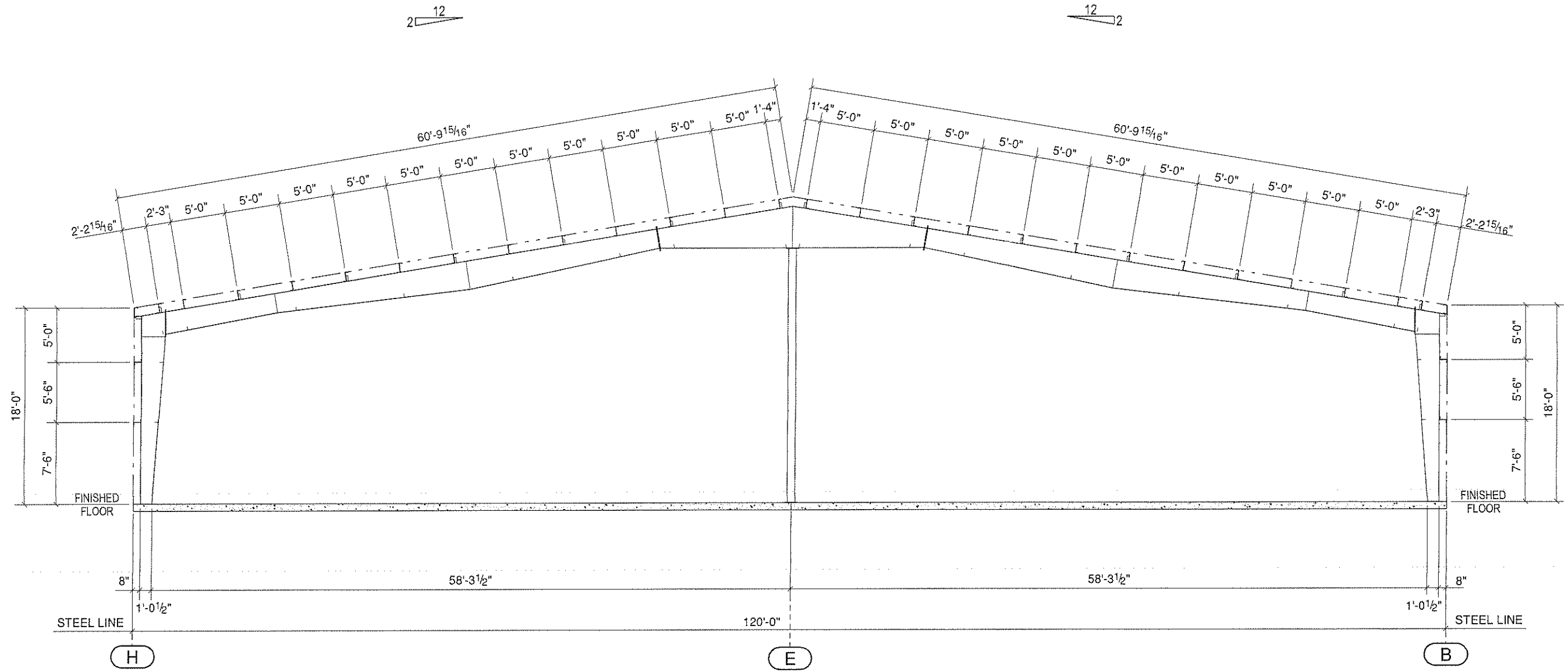
Purlin and Girt depth and spacing are subject to change upon final design.
 Flange braces from the girts and purlins to the columns and rafters are required for structural stability, but are not shown on this drawing for clarity. This drawing shall not be construed as allowing the structure to be erected without flange braces.

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LA CROSSE, WI
 CUSTOMER NAME
Design Builders & Contractors of Eau Claire, LLC
Eik Mound, WI
 JOB NUMBER
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 SHEET TITLE
Frame At Line 1

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DATE	7/8/2016
PER	
ENGR	
CHEK	CAS/KMK
DRAWN	BT
ISSUE	Permits



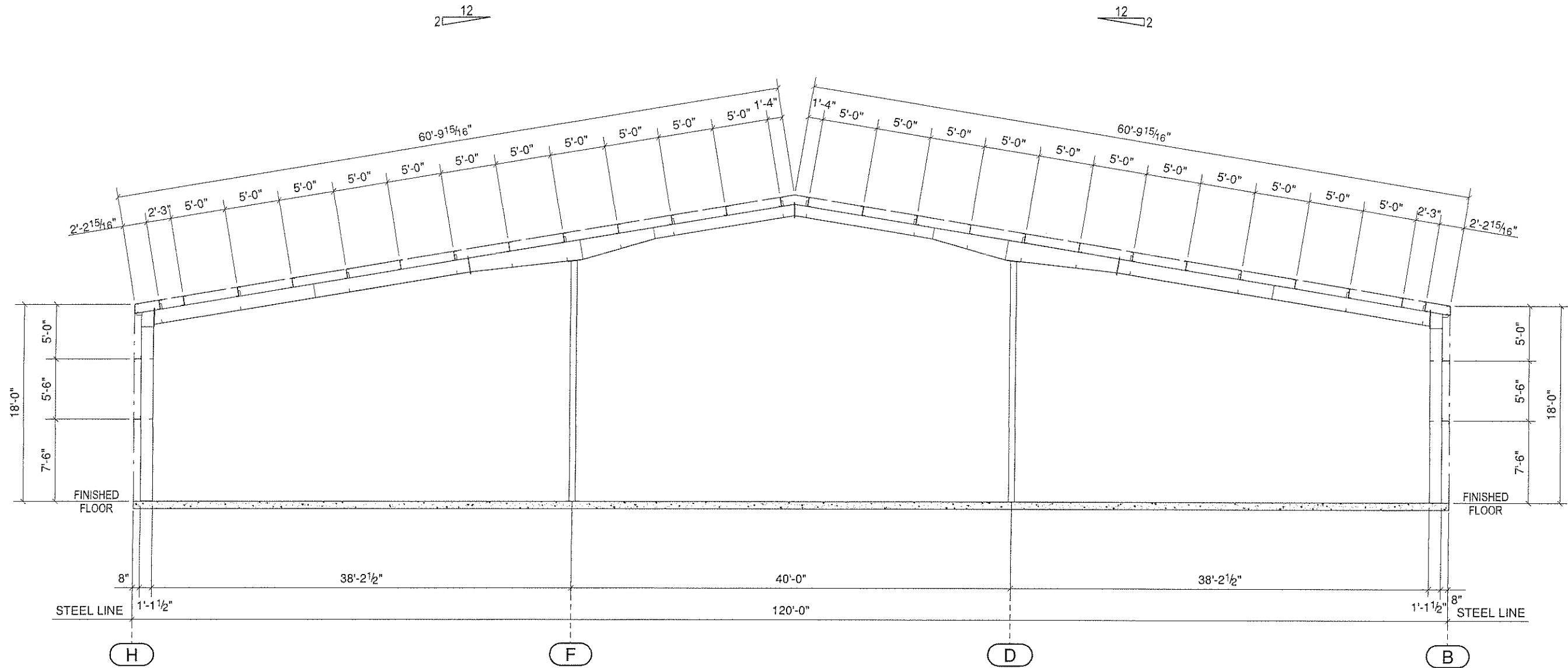
Frame At Line 2 and 3

Notes:

- Purlin and Girt depth and spacing are subject to change upon final design.
- Flange braces from the girts and purlins to the columns and rafters are required for structural stability, but are not shown on this drawing for clarity. This drawing shall not be construed as allowing the structure to be erected without flange braces.

07/14/2016 11:16:55am
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PROJECT NAME	VIKING ELECTRIC SUPPLY 2 LA CROSSE, WI
CUSTOMER NAME	Design Builders & Contractors of Eau Claire, LLC Elk Mound, WI
JOB NUMBER	W16V0536A
SHEET TITLE	Frame At Line 2 and 3
ISSUE	Permits
DRAWN	BT
CHECKED	CAS
ENGINEER	KMK
DATE	7/8/2016
<p>NUCOR BUILDING SYSTEMS GROUP 305 Industrial Pkwy Waterloo, IN 46793 Phone: (260) 837-7891 Fax: (260) 837-7384</p>	

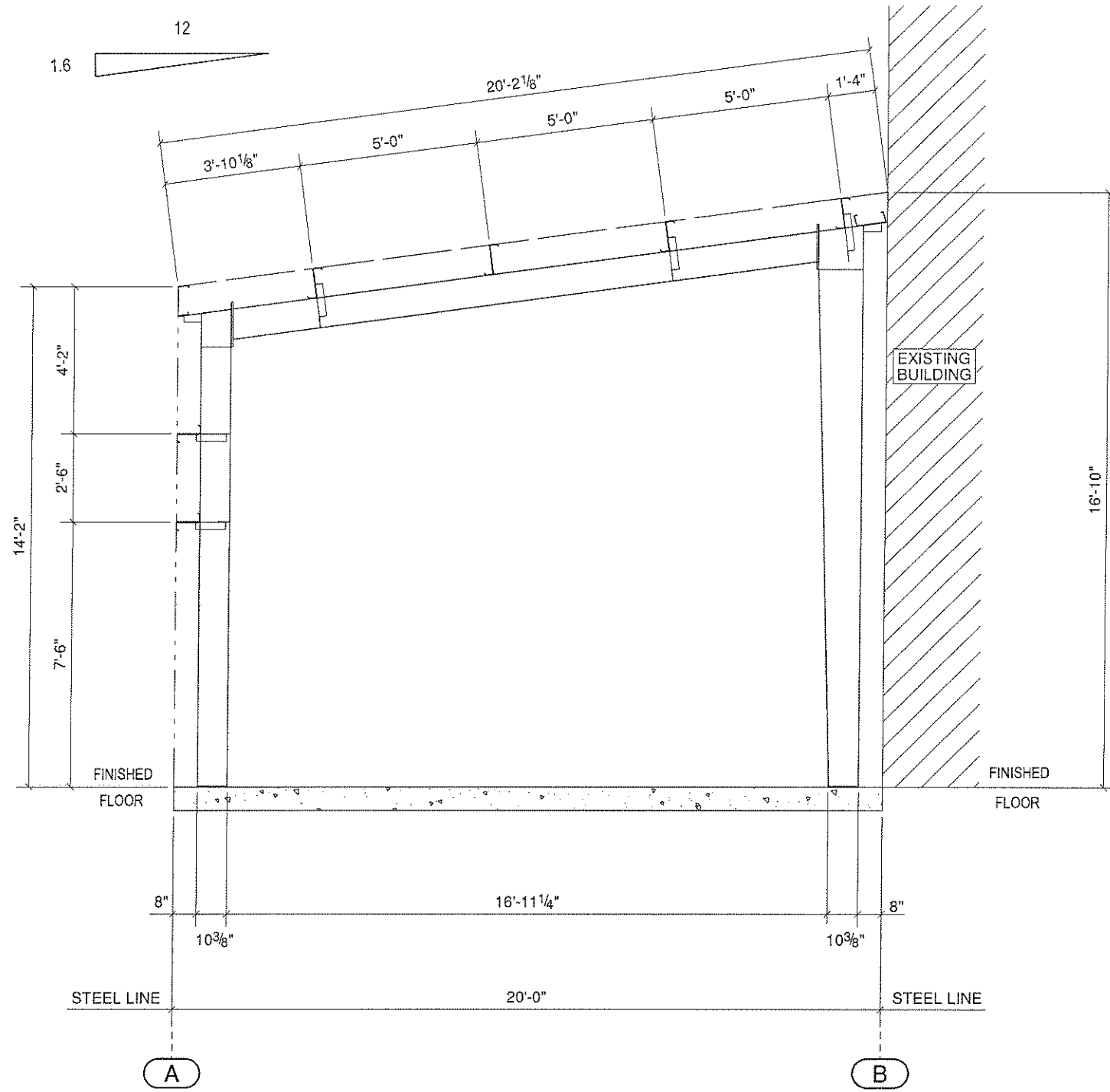


Frame At Line 4

Notes:

Purlin and Girt depth and spacing are subject to change upon final design.
 Flange braces from the girts and purlins to the columns and rafters are required for structural stability, but are not shown on this drawing for clarity. This drawing shall not be construed as allowing the structure to be erected without flange braces.

<small>07/14/2016 11:16:56am This drawing is for the materials designed and supplied by Nucor Building Systems Group, Inc. or its subsidiaries. The drawings and the metal building which they represent are the product of Nucor Building Systems, Inc. The registered professional engineer whose seal appears on this drawing is employed by Nucor Building Systems, Inc. and does not serve as or represent the project engineer or architect. This drawing shall not be construed as such.</small>	<small>DATE 7/8/2016</small>
<small>ISSUE</small>	<small>DATE</small>
<small>BT CAS KMK</small>	<small>DATE</small>
<small>Permits</small>	<small>DATE</small>
<small>PROJECT NAME VIKING ELECTRIC SUPPLY 2 LA CROSSE, WI</small>	<small>PROJECT NAME BUILDING SYSTEMS GROUP</small>
<small>CUSTOMER NAME Design Builders & Contractors of Eau Claire, LLC Elk Mound, WI</small>	<small>305 Industrial Pkwy Waterloo, IN 46793 Phone: (260) 837-7891 Fax: (260) 837-7384</small>
<small>JOB NUMBER W16V0536A</small>	<small>ACQ/ACC ACCREDITED</small>
<small>SHEET TITLE Frame At Line 4</small>	
<small>P4 OF 5</small>	



Frame At Line 5 and 6

Notes:

- Purlin and Girt depth and spacing are subject to change upon final design.
- Flange braces from the girts and purlins to the columns and rafters are required for structural stability, but are not shown on this drawing for clarity. This drawing shall not be construed as allowing the structure to be erected without flange braces.

07/14/2016 11:16:57am
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PROJECT NAME
**VIKING ELECTRIC SUPPLY 2
 LA CROSSE, WI**

CUSTOMER NAME
**Design Builders & Contractors of Eau Claire, LLC
 Elk Mound, WI**

JOB NUMBER
W16V0536A

SHEET TITLE
Frame At Line 5 and 6

NUCOR

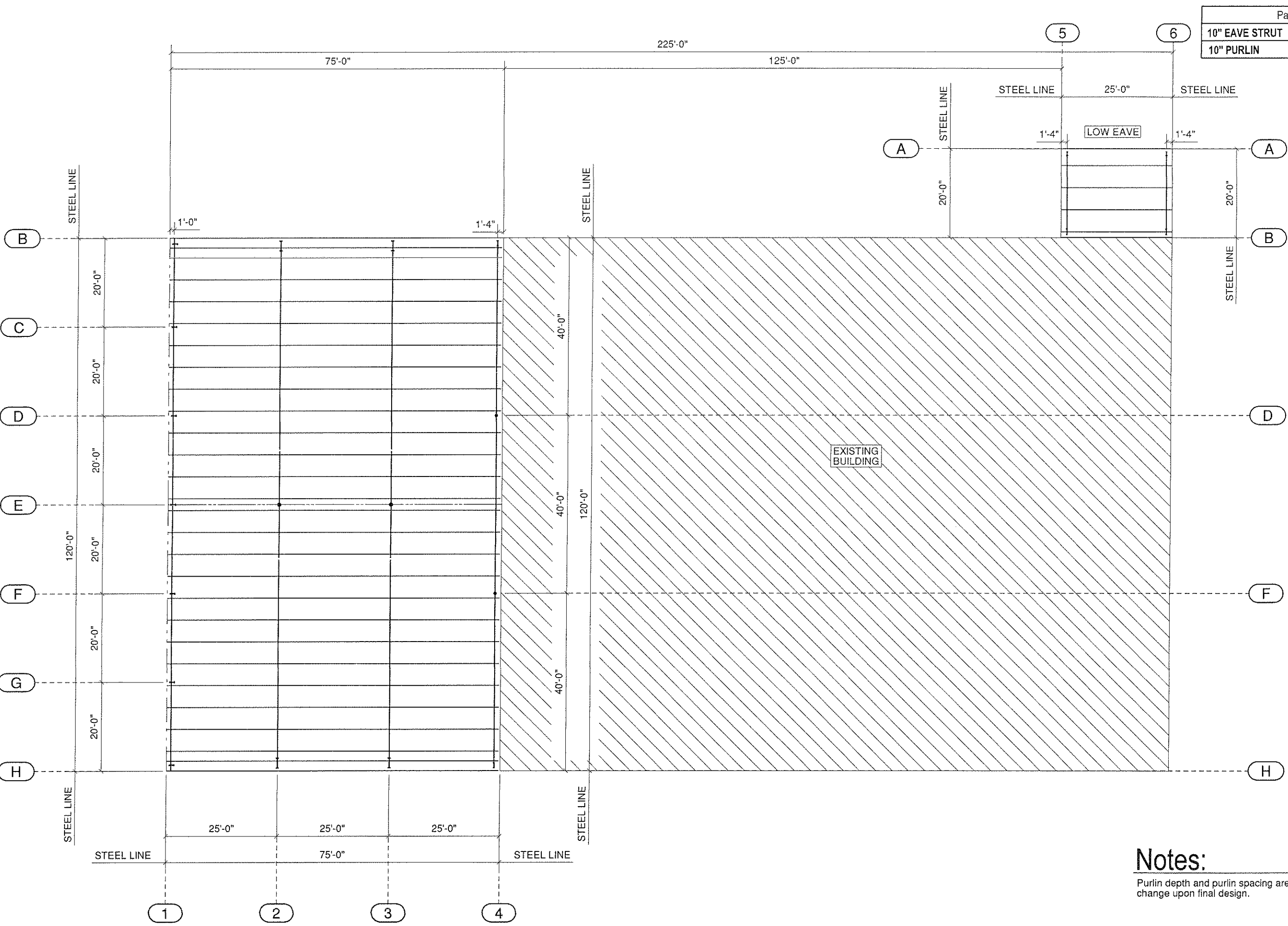
BUILDING SYSTEMS GROUP

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 BT CAS/KMK

DATE
 7/8/2016



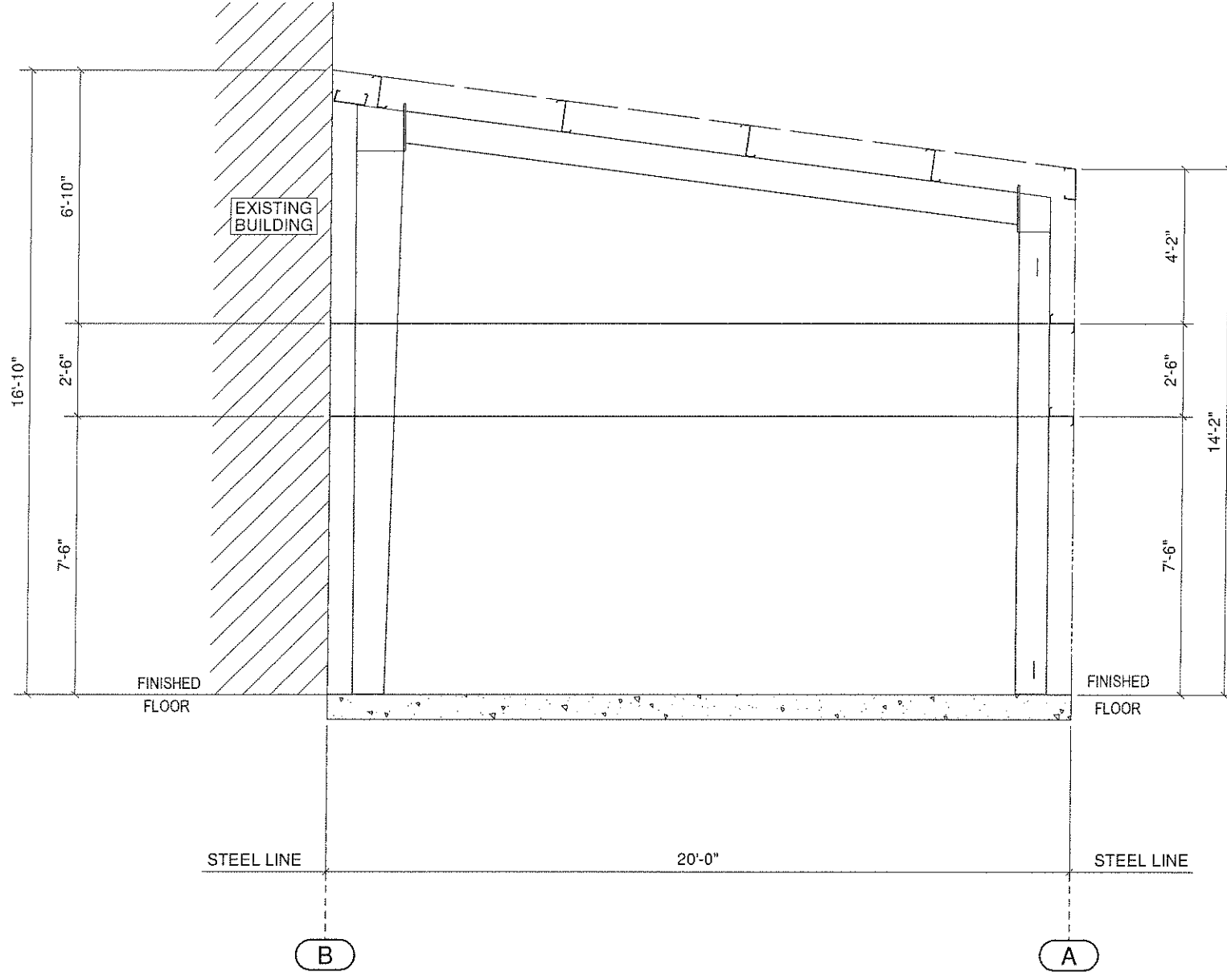
Part Sizes	
10" EAVE STRUT	
10" PURLIN	

Roof Framing Plan

Notes:
 Purlin depth and purlin spacing are subject to change upon final design.

PROJECT NAME VIKING ELECTRIC SUPPLY 2 LA CROSSE, WI	CUSTOMER NAME Design Builders & Contractors of Eau Claire, LLC Eik Mound, WI	JOB NUMBER W16V0536A	SHEET TITLE Roof Framing Plan	PROJECT NAME NUCOR BUILDING SYSTEMS GROUP 305 Industrial Pkwy Waterloo, IN 46793 Phone: (260) 837-7891 Fax: (260) 837-7384	PERMITS Permits	DWG BT	CHK CAS	ENG KMK	DATE 7/8/2016

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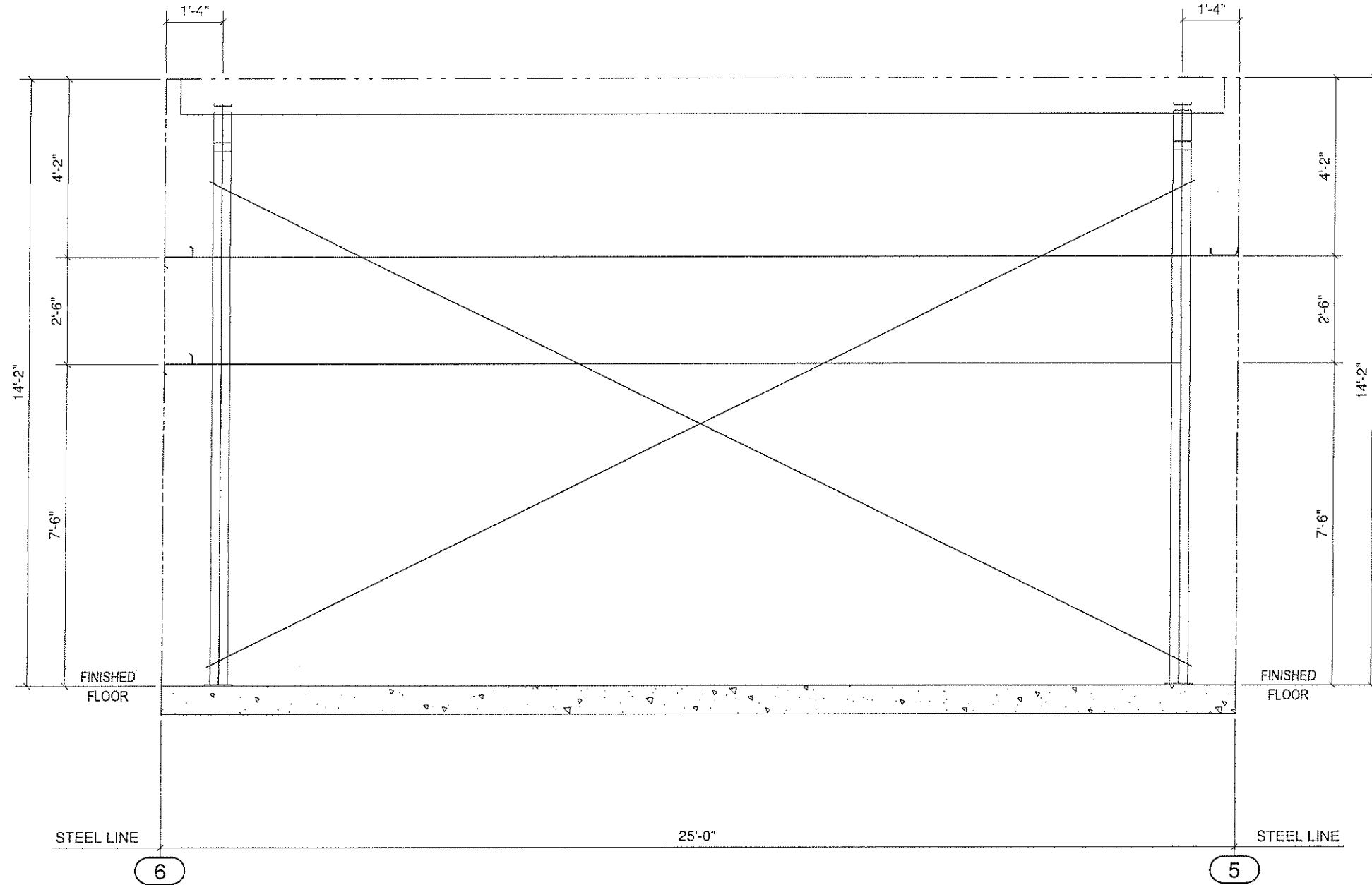


Framing at Line 6

Notes:

Girt elevations are subject to change upon final design.

Part Sizes		DATE	
8" GIRTS		7/8/2016	
ISSUE	CHK	ENGR	PR
Permits	BT	CAS	KMK
<p>NUCOR BUILDING SYSTEMS GROUP 305 Industrial Pkwy Waterloo, IN 46793 Phone: (260) 837-7891 Fax: (260) 837-7384</p>			
<p>PROJECT NAME VIKING ELECTRIC SUPPLY 2 LA CROSSE, WI</p>		<p>CUSTOMER NAME Design Builders & Contractors of Eau Claire, LLC Eik Mound, WI</p>	
JOB NUMBER W16V0536A		SHEET TITLE Framing at Line 6	
<p>07/14/2016 11:16:59am This drawing is the property of Nucor Building Systems, a division of Nucor Systems, and is not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Nucor Building Systems. The registered professional engineer whose seal appears on these drawings is a duly licensed engineer in the State of Wisconsin and does not serve as a contractor. The project engineer or represent the project engineer construed as such.</p>			
W1 OF 6		SHEET	

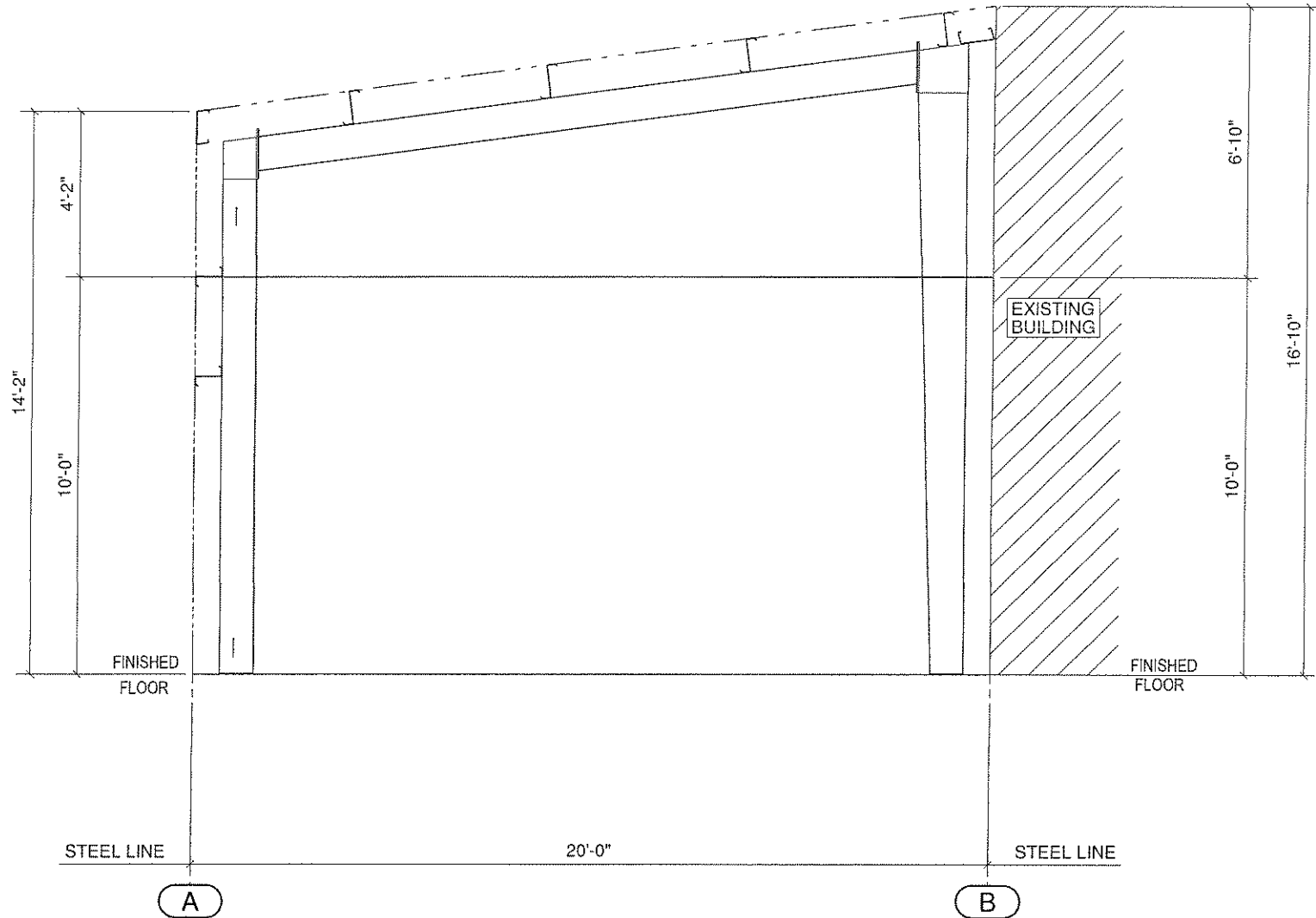


Framing at line A

Part Sizes
8" GIRTS
ROD BRACING

<small>07/14/2016 11:17:00am</small> <small>materials designed and supplied by Nucor Building Systems Group, Inc. or its subsidiaries. The design and the metal building which they represent are the product of Nucor Building Systems and does not serve as or represent the project engineer or architect. The registered professional engineer whose seal appears on this drawing is not to be construed as such.</small>	<small>DATE</small> 7/8/2016
	<small>ISSUE</small> Permits
<small>DOWN</small> BT	<small>CHK</small> CAS
<small>ENG</small> KMK	<small>DR</small>
NUCOR BUILDING SYSTEMS GROUP 305 Industrial Pkwy Waterloo, IN 46793 Phone: (260) 837-7891 Fax: (260) 837-7384	
<small>PROJECT NAME</small> VIKING ELECTRIC SUPPLY 2 LA CROSSE, WI	
<small>CUSTOMER NAME</small> Design Builders & Contractors of Eau Claire, LLC Elk Mound, WI	
<small>JOB NUMBER</small> W16V0536A	<small>SHEET TITLE</small> Framing at line A
W2 OF 6	

Notes:
 Girt elevations are subject to change upon final design.

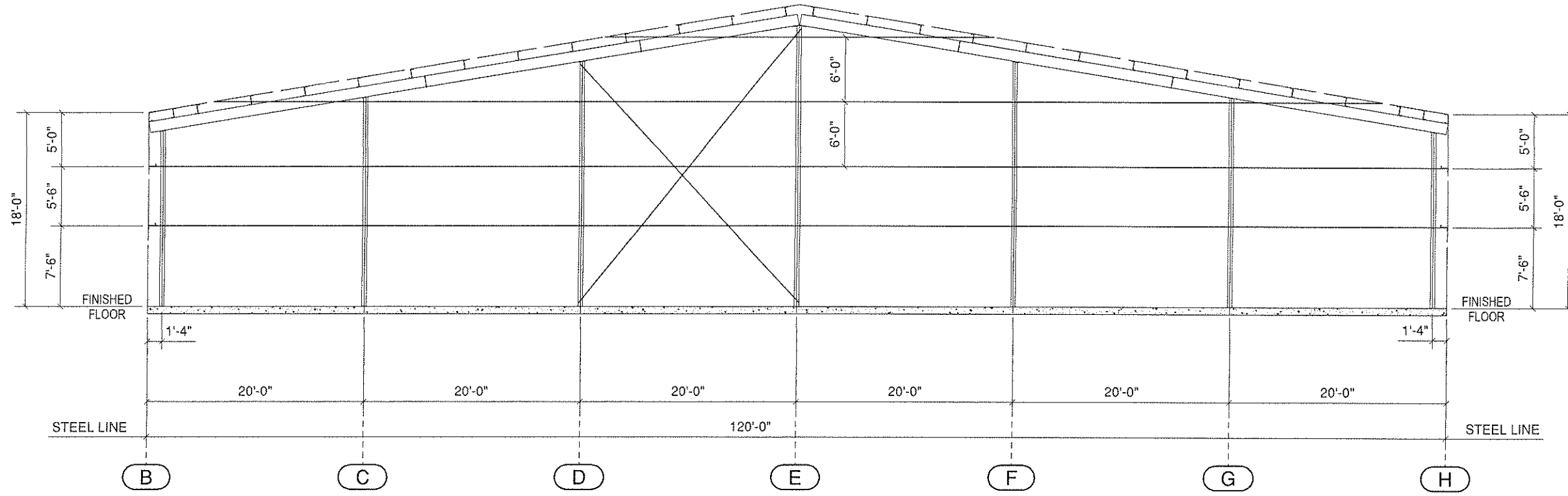


Framing a line 5

Part Sizes
8" CHANNEL

Notes:
Girt elevations are subject to change upon final design.

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	CUSTOMER NAME Design Builders & Contractors of Eau Claire, LLC Elk Mound, WI	PROJECT ISSUE Permits
JOB NUMBER W16V0536A	SHEET TITLE Framing a line 5	PROJECT PER BT CAS KMK
W3 OF 6	NUCOR BUILDING SYSTEMS GROUP 305 Industrial Pkwy Waterloo, IN 46793 Phone: (260) 837-7891 Fax: (260) 837-7384	PROJECT DATE 7/8/2016



Framing at line 1

Part Sizes	
8" GIRTS	
ROD BRACING	

Notes:

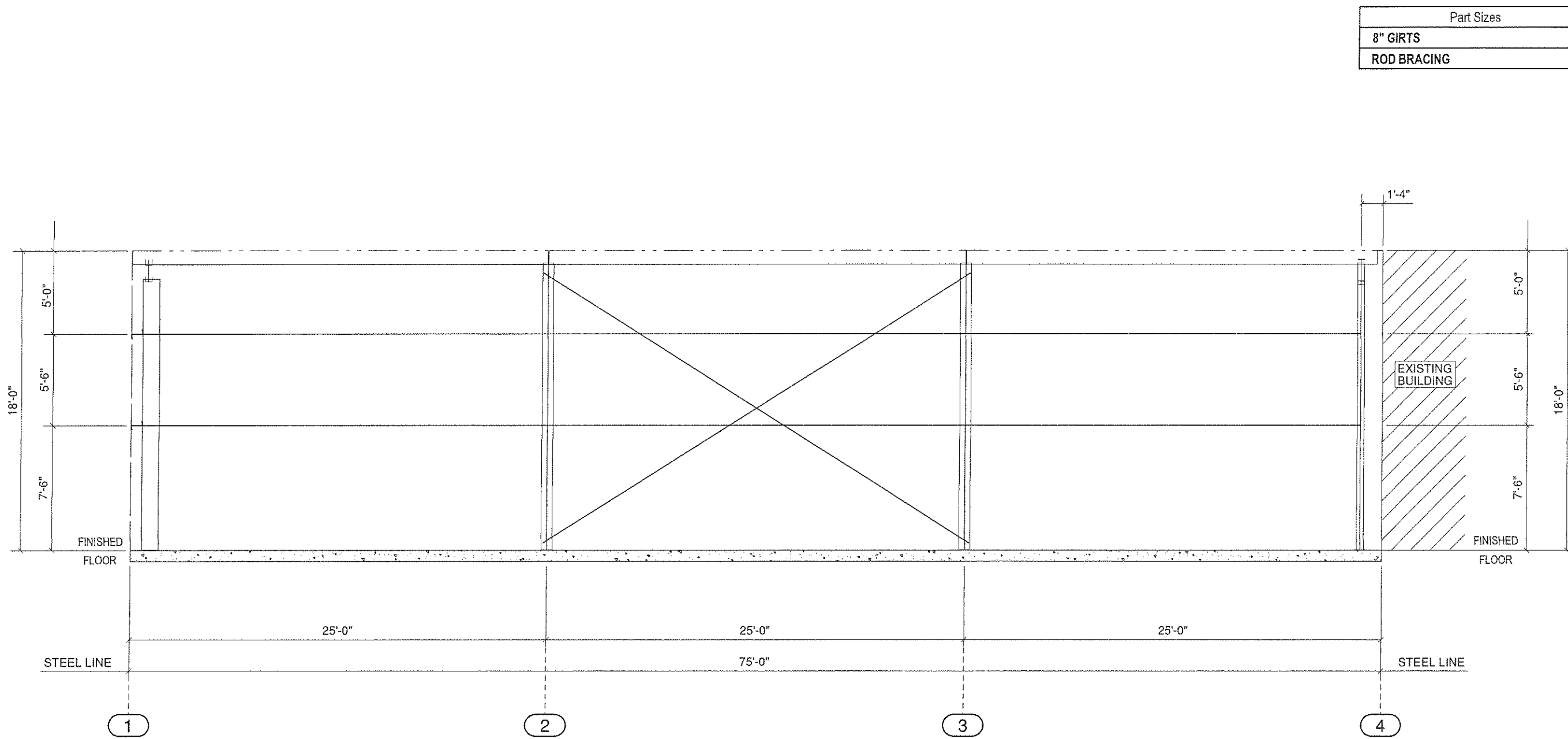
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ISSUE	DATE	CHK	ENG	PE	DRS
Permits		BT	CAS	KMK	7/8/2016

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PROJECT NAME	VIKING ELECTRIC SUPPLY 2 LA CROSSE, WI
CUSTOMER NAME	Design Builders & Contractors of Eau Claire, LLC Elk Mound, WI
JOB NUMBER	W16V0536A
SHEET TITLE	Framing at line 1



Framing at line H

Part Sizes
8" GIRTS
ROD BRACING

DATE	7/8/2016
ISSUE	Permits
DWN	BT
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ENG	KMK
PE	

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PROJECT NAME
VIKING ELECTRIC SUPPLY 2
LA CROSSE, WI

CUSTOMER NAME
Design Builders & Contractors of Eau Claire, LLC
Elk Mound, WI

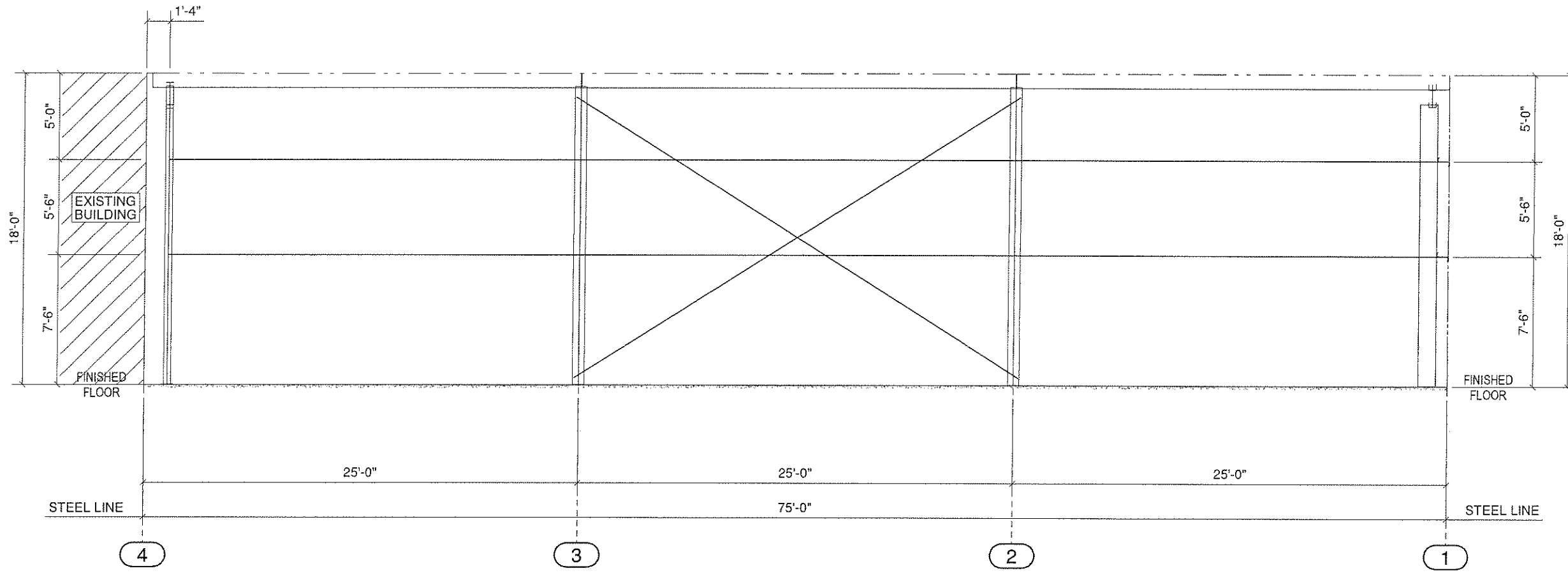
JOB NUMBER
W16V0536A

SHEET TITLE
Framing at line H

Notes:
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W5 OF 6



Part Sizes
8" GIRTS
ROD BRACING

Framing at line B

Notes:
Girt elevations are subject to change upon final design.

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	PROJECT NAME NUCOR BUILDING SYSTEMS GROUP 305 Industrial Pkwy Waterloo, IN 46793 Phone: (260) 837-7891 Fax: (260) 837-7384	PERMITS BT CAS KMK	DATE 7/8/2016	CHECKED BT CAS KMK