GENERAL SPECIFICATIONS

SITE WORK
THE SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING. MAINTAIN THE GRADE LEVELS AROUND THE BUILDING FLOOR PLAN.

CONCRETE WORK
THE CONCRETE WORK SHALL CONSIST OF ALL NECESSARY PRECAST OR POUR-IN-PLACE CONCRETE AS PER BUILDING PLANS AND SECTIONS. THE CONCRETE SHALL MEET A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. ALL CONCRETE MIXES SHALL BE IN ACCORDANCE WITH ACI STANDARDS.

PRIMARY FRAMING COMPONENTS
TRUSSES: WOOD TRUSSES ARE SHOP/PLANT FABRICATED WITH CONNECTOR PLATES PER SPECIFICATIONS AND CONFORM WITH DESIGN CRITERIA ESTABLISHED BY THE TRUSS PLATE INSTITUTE (TPI) AND THE AMERICAN FOREST AND PAPER ASSOCIATION'S NATIONAL DESIGN SPECIFICATION FOR WOOD (NDS). DC_ DETAILS.
RAFTERS: RAFTER SIZES AND TYPE ARE SHOWN PER BUILDING DRAWINGS.
COLUMNS: WOOD COLUMNS FOR ROOF, WALL AND FLOOR SUPPORT SHALL BE MULTI-PLY NAIL-LAMINATED. EACH PLY OF UPPER AND LOWER PORTIONS (IF REQUIRED) SHALL BE FACTORY JOINED BY GLUED FINGER JOINTS BEFORE COLUMN PLIES ARE NAILED TOGETHER. IF PLACED IN GROUND, LOWER PORTION OF COLUMN FOR 12 INCHES MINIMUM ABOVE GROUND SHALL BE PRESERVATIVE TREATED TO .6PCF RETENTION OF CHROMATED COPPER ARSENATE (CCA) TYPE C (OXIDE BASIS). SEE FLOOR PLAN AND CROSS SECTIONS FOR CORRECT SIZES.
WOOD STUDS: ALL STUD FRAMING SHALL BE #2 GRADE MINIMUM, PRIMARY FRAMING IS FACTORY CUT TO LENGTHS REQUIRED. STUDS MAY BE A SINGLE PLY/DOUBLE PLY 2X4, 2X6, OR 2X8 MATERIAL. LOCATE STUDS AT 16", 24" OR 48" O.C. AS SHOWN ON BUILDING DRAWINGS.

SECONDARY FRAMING
WOOD FRAMING: ALL WOOD FRAMING SHALL BE #2 GRADE MINIMUM. THE SPECIES WILL VARY PER AVAILABILITY AND PLANT LOCATION. THE SPECIES MAY BE #2 MC-19 DOUG FIR LARCH UNLESS SPECIFICALLY NOTED OTHERWISE ON BUILDING DRAWINGS.
HEADERS: HEADER SIZES AND TYPE ARE SHOWN PER BUILDING DRAWINGS.

OTHER
METAL CONNECTORS: ALL LIGHT GAUGE METAL CONNECTORS ARE GALVANIZED STEEL TO MEET OR EXCEED REQUIRED DESIGN STANDARDS.
WOOD: ALL NON PRESERVATIVE TREATED WOOD SHALL BE PLACED A MINIMUM OF 6 INCHES ABOVE FINISHED GRADE UNLESS SPECIFICALLY SHOWN LOWER ON CROSS SECTION(S).
FASTENERS: ALL FASTENERS SHALL BE PER BUILDING DRAWINGS AND DETAILS.

IMPORTANT DIAPHRAGM INFORMATION
THE BUILDING IS DESIGNED USING THE ROOF AS A DIAPHRAGM (DEEP THIN BEAM) TO TRANSFER SIDEWALL ENDWALL, AND ROOF LOADS TO THE SHEAR WALLS WHICH THEN CARRY THE LOADS TO THE FOUNDATION. STEEL PANELS ARE AN INTEGRAL PART OF THE BUILDING STRUCTURE AND ANY FUTURE FIELD MODIFICATIONS OF LESTER STEEL PANELS MAY BE DETRIMENTAL TO THE BUILDING'S STRUCTURAL PERFORMANCE. BUILDING DESIGN IS BASED ON THE NUMBER, SIZE AND LOCATION OF OPENINGS ON THE DRAWINGS.
LESTERS (LESTER, LESTERS, OR LESTER'S, IS LESTER BUILDING SYSTEMS L.L.C.) ASSUMES NO RESPONSIBILITY FOR THE STRUCTURAL INTEGRITY OF THE BUILDING IF ADDITIONAL OPENINGS, NOT SHOWN ON THE DRAWINGS OR CHANGES IN LOCATION OR SIZE OF OPENINGS ARE UNDERTAKEN WITHOUT WRITTEN PERMISSION FROM A LESTER ENGINEERING REPRESENTATIVE.

NOTES
SEE BUILDING DRAWINGS FOR OTHER SPECIFIC MATERIALS REQUIRED FOR SPECIFIC JOB THAT MAY NOT BE INDICATED WITHIN THIS SECTION.

NOTICE TO BUILDERS

MEMBERS WITH IDENTICAL LENGTHS MAY HAVE DIFFERENT END USES AND MAY BE OF DIFFERENT SPECIES.

TO HELP INSURE THE CORRECT LENGTH AND SPECIES OF LUMBER IS USED IN ITS INTENDED APPLICATION, A COLOR CODE SYSTEM HAS BEEN ESTABLISHED.

THIS APPLIES TO FACTORY CUT PURLINS, GIRTS, BOTTOM CHORD BRACES AND EAVE NAILERS ONLY!

RED — WALL GIRTS WILL HAVE ENDS PAINTED RED
BLACK — PURLINS WILL HAVE ENDS PAINTED BLACK
PINK — BOTTOM CHORD BRACES WILL HAVE ENDS PAINTED PINK
BLUE — EAVE NAILERS WILL HAVE ENDS PAINTED BLUE
ORANGE — HIGHER GRADE LUMBER IS SUBSTITUTED, ENDS PAINTED ORANGE

REVISIONS

SYM.	PAGE	DATE	DESCRIPTION	BY

LESTER BUILDINGS

LESTER BUILDINGS, LLC
TERRITORY MANAGER: JENNIFER WIGHT
PHONE: 320-395-5308 MOBILE:
E-MAIL: jwight@lesterbuildings.com
PROJ. MANAGER: Bryan Mickolichek PM PHONE: 800-826-4439 EXT 5242
DRAWN BY: Amanda Weibel EST PHONE: 800-826-4439 EXT 5235

⚠ IMPORTANT SAFETY INFORMATION

ACCOMPANYING THIS BUILDING AND THESE ERECTION DRAWINGS IS THE LESTER ERECTION SAFETY INFORMATION PACKET. DIRECTIONS ON THE PACKET ENVELOPE OUTLINE SPECIFIC STEPS THAT MUST BE TAKEN BEFORE BUILDING ERECTION BEGINS.

THE ERECTION SAFETY INSTRUCTIONS (INCLUDED IN THE PACKET) PROVIDE DETAILED INFORMATION AND INSTRUCTIONS TO ASSIST IN SAFE BUILDING ERECTION.

COPIES OF THE FOLLOWING WARNING LABELS ARE ALSO INCLUDED IN THE ERECTION SAFETY INFORMATION PACKET AND ON ROOF PANELS AND WOOD BUNDLES.

Wood Member Warning

Roof Panel Warning

NOTE:
THESE WARNINGS AND SAFETY INSTRUCTIONS ARE NOT INTENDED TO BE COMPLETE AND COMPREHENSIVE SAFETY INSTRUCTIONS AND MAY VARY FROM APPLICABLE LAWS AND REGULATIONS. ALL LOCAL, STATE, AND OSHA SAFETY REGULATIONS MUST BE FOLLOWED AT ALL TIMES. THE ERECTION CONTRACTOR HAS ULTIMATE RESPONSIBILITY FOR WORKER SAFETY AND MUST COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS.

COMBINED LUMBER GRADES

LESTER GROUPS NDS LUMBER TYPES WITH SIMILAR DESIGN VALUES INTO COMBINED LUMBER GRADES. BLD DESIGN IS BASED ON THE LOWEST DESIGN VALUE FOR ANY LUMBER IN THE GROUP. THE FOLLOWING CHART SHOWS THE SPECIFIC NDS SIZE/SPECIES/GRADE LUMBER TYPES THAT CAN BE USED FOR EACH COMBINED LUMBER GRADE.

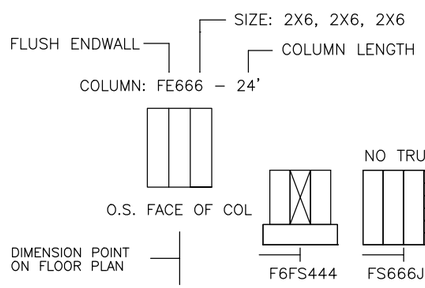
Combo 2x4 #2 Lester 2x4 #2 DFL or SYP 2x4 1250 1.4E MSR DFL or SYP 2x4 M9 & M29 DFL or SYP	Combo 2x6 #2 Lester 2x6 #2 DFL or SYP 2x6 1250 1.4E MSR DFL or SYP 2x6 M9 & M29 DFL or SYP	Combo 2x8 #2 Lester 2x8 #2 DFL or SYP 2x8 975 1.4E MSR DFL or SYP 2x6 M9 & M34 DFL or SYP
Combo 2x4 #1 Lester 2x4 #1 DFL or SYP 2x4 1500 1.6E MSR DFL or SYP 2x4 M14 & M39 DFL or SYP	Combo 2x6 #1 Lester 2x6 #1 DFL or SYP 2x6 1500 1.6E MSR DFL or SYP 2x6 M14 & M39 DFL or SYP	Combo 2x8 #1 Lester 2x8 #1 DFL or SYP 2x8 1200 1.6E MSR DFL or SYP 2x8 M14 & M29 DFL or SYP 2x8 M39 DFL or SYP
Combo 2x4 Premium Lester 2x4 SS DFL or SYP 2x4 1800 1.6E MSR DFL or SYP 2x4 M17 - M20 DFL or SYP 2x4 M40 DFL or SYP	Combo 2x6 Premium Lester 2x6 SS DFL or SYP 2x6 1800 1.6E MSR DFL or SYP 2x6 M17 - M20 DFL or SYP 2x6 M40 DFL or SYP	Combo 2x8 Premium Lester 2x8 SS DFL or SYP 2x8 1800 1.6E MSR DFL or SYP 2x8 M17 - M20 DFL or SYP 2x8 M40 DFL or SYP
Combo 2x4 M23/2400MSR 2x4 DSS SYP 2x4 2400 1.8E MSR DFL or SYP 2x4 M23 DFL or SYP	Combo 2x10 #1 Lester 2x10 #1 DFL or SYP 2x10 1050 1.6E MSR DF or SYP 2x10 M12 & M29 DFL or SYP 2x10 M35 DFL or SYP	Combo 2x10 Premium Lester 2x10 SS DFL or SYP 2x10 1650 1.6E MSR DF or SP 2x10 M17 - M20 DFL or SYP 2x10 M14, M39, M40 DF or SP

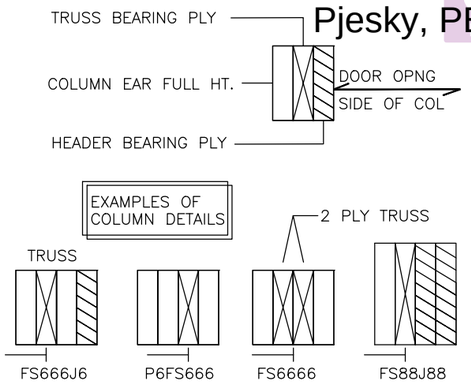
ABBREVIATIONS AND SYMBOLS

DIA OR ∅ -- DIAMETER
SF OR ⍁ -- SQUARE FEET
BLDG -- BUILDING
BRG -- BEARING
BTM -- BOTTOM
CC -- CEMENT COATED
COL -- COLUMN
CONC -- CONCRETE
DF -- DOUGLAS FIR
DGB -- DIAG. GABLE BRACE
E -- EXIT LIGHT
F -- FIRE EXTINGUISHER
FBO -- FURNISHED BY OTHERS (NOT BY LESTER BLDG SYS)
FDN -- FOUNDATION
FIN -- FINISH
FL -- FLOOR(ING)
FT -- FOOT OR FEET
FTG -- FOOTING
FO -- FINISH OPENING
GA -- GAUGE
GALV -- GALVANIZED
HDR -- HEADER
INT -- INTERMEDIATE
INS -- INSULATION
LB(S) -- POUNDS
℄ -- CENTERLINE
LF -- LINEAR FOOT
MO -- MASON OPENING
MSR -- MACHINE STRESS RATED LUMBER
MPH -- MILES PER HOUR
O.C. -- ON CENTER
OVHD -- OVERHEAD
OVHG -- OVERHANG
OPG -- OPENING
PB -- POLE BARN NAIL (RING SHANK)
RO -- ROUGH OPENING
PSI -- POUNDS PER SQUARE INCH
PSF -- POUNDS PER SQUARE FOOT
RS -- RING SHANK (NAIL)
SQ -- SQUARE
SYP -- SOUTHERN YELLOW PINE
T&G -- TONGUE AND GROOVE
TYP -- TYPICAL
TRTD -- TREATED
UNO -- UNLESS NOTED OTHERWISE
VB -- VAPOR BARRIER
WDO -- WINDOW
W/ -- WITH
W/O -- WITH OUT

COLUMN IDENTIFICATION KEY

FS = FLUSH SIDEWALL
FE = FLUSH ENDWALL
FG = FLUSH GLUED
HI = INTERIOR POCKET
F = FACE PLY
J = HEADER BEARING PLY
P = PLUS PLY





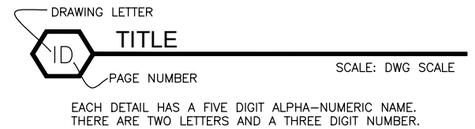
DESIGN LOADS

GROUND SNOW LOAD	50	PSF
ROOF SNOW LOAD	39.4	PSF
ROOF DEAD LOAD	4	PSF
IMP. FACTOR SNOW	1	
CEILING DEAD LOAD	5	PSF
FLOOR LIVE LOAD	N/A	PSF
ALLOWABLE WIND SPEED	90.9	MPH
ULTIMATE WIND SPEED	115; RISK CAT II	MPH
WARRANTY WIND SPEED	90.9	MPH
EXPOSURE	B	
SOIL BEARING	2000	PSF
CODE	IBC-2018	

GENERAL

OWNER: Door Engineering and Mfg, LLC
BLD ADDRESS: Mankato, MN
BUILDING USE: Storage
CONSTRUCTION: V-B
AREA: 2104 SF

DETAIL IDENTIFICATION



EACH DETAIL HAS A FIVE DIGIT ALPHA-NUMERIC NAME. THERE ARE TWO LETTERS AND A THREE DIGIT NUMBER.

F A 246
GROUP DIVISION DETAIL NUMBER

THE FIRST LETTER DESIGNATES A BROAD SUBJECT GROUP.
THE SECOND LETTER SHOWS A SUBDIVISION WITHIN THE GROUP.
THE THREE DIGIT NUMBER INDICATES A SPECIFIC DETAIL WITHIN THE DIVISION.

GROUP	SUBJECT
A	= ELEVATIONS & FLOOR PLANS
B	= WALL SECTIONS
C	= PANEL LAYOUTS IF REQUIRED
D	= ENGINEERING INFORMATION
E	= FOUNDATIONS
F	= WALL STRUCTURAL FRAMING
G	= STRUCTURAL HEADERS
H	= WALL OPENING FRAMING
I	= TRUSS (ROOF SUPPORT)
J	= BRACING
K	= EAVE TREATMENT (SIDES & ENDS)
L	= ROOF FINISH
M	= WALK DOORS AND WINDOWS
N	= SLIDING AND OVERHEAD DOORS
O	= EXTERIOR WALL FINISH
	= INTERIOR FINISH
	= ACCESSORIES

ALL DETAILS ARE ARRANGED IN ALPHABETICAL AND NUMERIC ORDER WITHIN THE STRUCTURAL & NON STRUCTURAL DETAIL SETS.

NO PAGE NUMBER IS GIVEN!!!

SYMBOL DESIGNATION

THE FOLLOWING SYMBOL DESIGNATIONS INDICATES THE DETAIL TO REFER TO FOR ADDITIONAL INFORMATION.

□ = STRUCTURAL ○ = NON-STRUCTURAL

CUSTOM DETAIL → GA-A
STANDARD DETAIL → GA310

PAGE	INDEX REFERENCE
1	BUILDING SPECIFICATIONS
2	ELEVATIONS
3	FLOOR PLAN
4	BUILDING SECTIONS
5	DETAILS TO END
6	.
7	.
8	.
9	.
10	.
11	.
12	.
13	.
14	.
15	.

MATERIAL SHORTAGES AND DAMAGE

CONTACT INFORMATION:

DIRECT DIAL:
(320) 395-5263

LESTER SWITCHBOARD/RECEPTIONIST:
(800) 826-4439 EXT. 5263

EMAIL:
orders@lesterbuildings.com

Digitally signed by Matthew Pjesky, PE
DN: O="Lester Building Systems, LLC", CN="Matthew Pjesky, PE", E=mjesky@lesterbuildings.com
Reason: I am approving this document
Location:
Date: 2025.09.29 10:29:48 -05'00'
Foxit PDF Reader Version: 12.1.3

Matthew Pjesky, PE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: Matthew Pjesky
Name: Matthew Pjesky
Date: 09-29-25 License Number: 61670

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DA003 | ENG STAMP BOX - STRUCTURAL DESIGN FULL | 384 R2

DATE: 9/29/2025
SHEET 01 OF 15
JOB-NUMBER 633954
DRWN BY: Amanda x5235
CHKD BY:
REV NO: 0
JOB DESCRIPTION: 30'x70'x20'

CUSTOMER:
R. Henry Construction, Inc.
101 Power Dr
Mankato, MN 56001

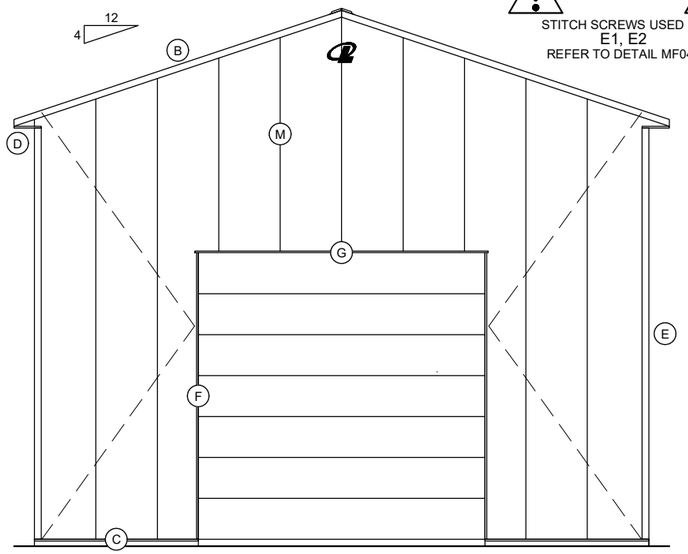
DEALER:
Jennifer Wight
25434 Cedar Lane
New Prague, MN 56071

LESTER BUILDING SYSTEMS, LLC.
TOLL-FREE: 800-826-4439
See Titleblock DRWN BY for Extension

ATTENTION

STITCH SCREWS USED ON E1, E2

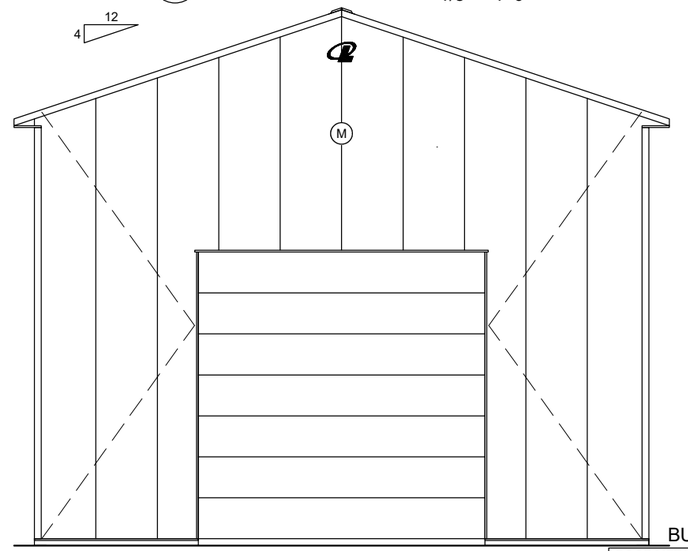
REFER TO DETAIL MF043

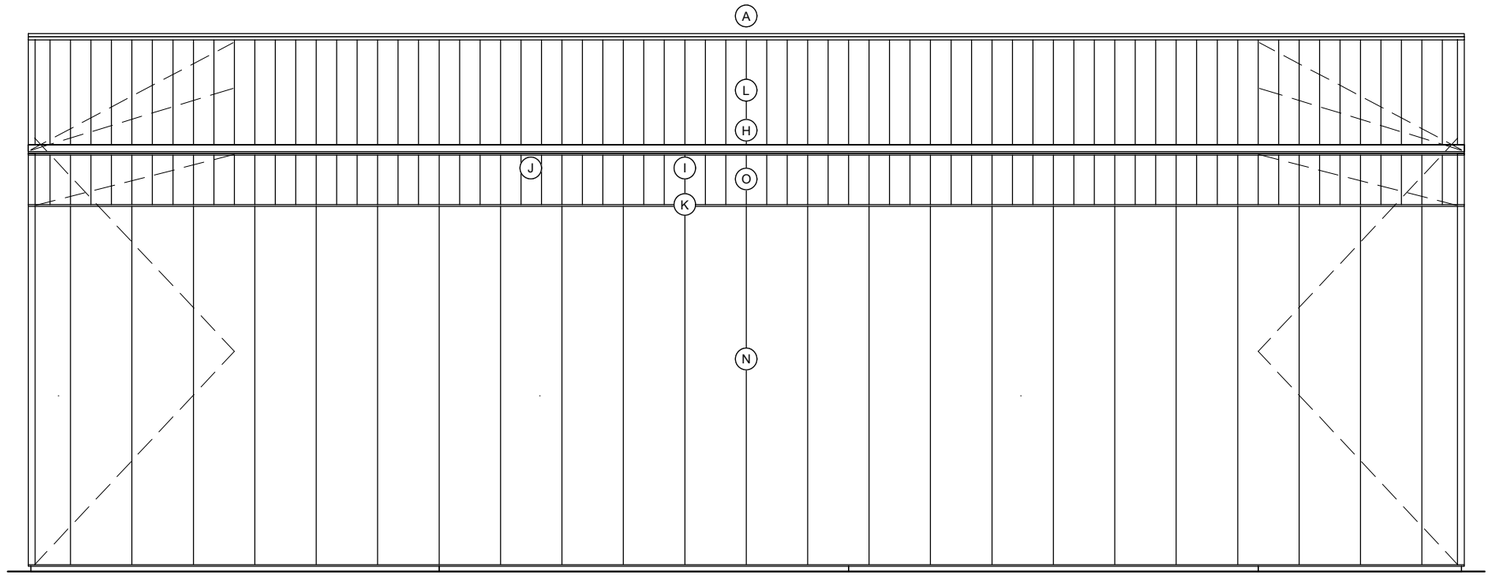


A1

A2 ENDWALL 1 ELEVATION

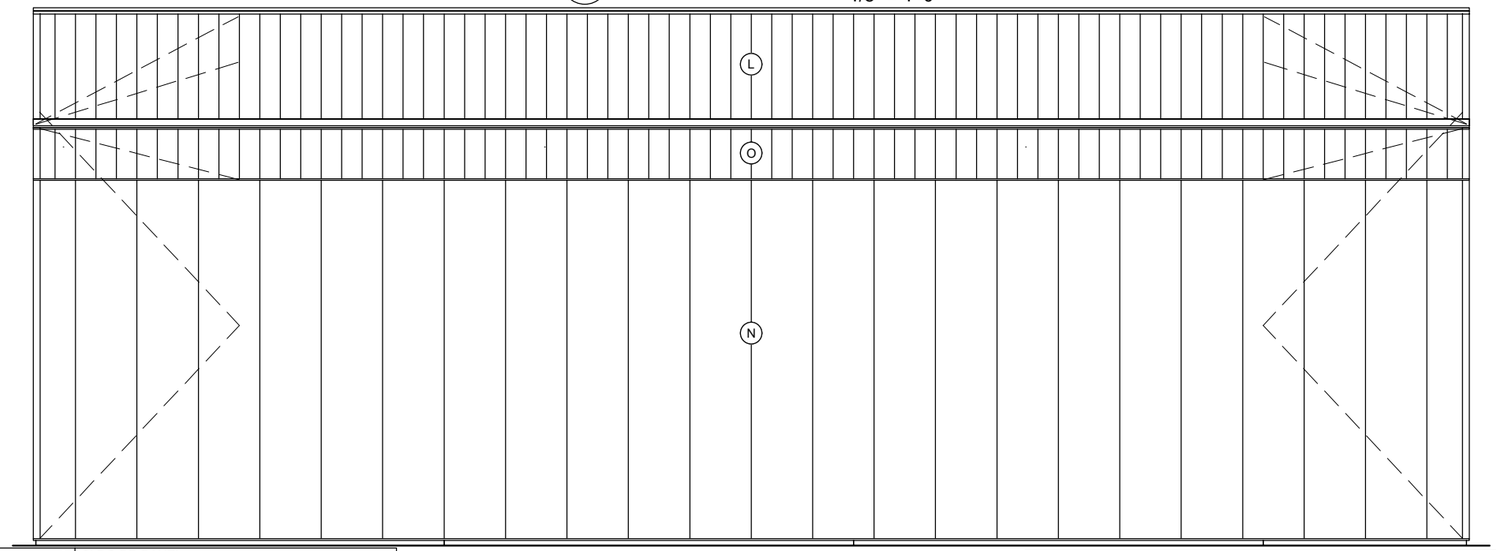
1/8" = 1'-0"





B2 SIDEWALL 1 ELEVATION

1/8" = 1'-0"



A1

C2 ENDWALL 2 ELEVATION

1/8" = 1'-0"

OPENING SCHEDULE

ID	MODEL	NOMINAL
A1	OVERHEADDOOR - FBO	168x168

BUILDING COLORS

ROOF METAL	CLAY
SIDEWALL	CLAY
ENDWALL	CLAY
GABLES	--
BASE	CLAY
CORNER	CLAY
EAVE/FASCIA	CLAY
GABLE/RAKE	CLAY
SOFFIT	CLAY
WAINSCOT	--
ACCENT PANEL	--
GABLE LOUVER	--
INSUL WL BATTEN	--
RIDGE CAP	CLAY
RIDGE VENT	--
CUPOLA ROOF	--
CUPOLA BODY	--
CUPOLA BASE	--
GUTTER	--
DOWNSPOUT	--
LEAN-TO ROOF	--
LEAN-TO CRWN/VBLK	--
LEAN-TO SOFT/CLG	--
CLEAR OPNG COL CVR	--
CLEAR OPNG TR	--
CURTAIN OPNG TR	--
BOX STALL GRILLS	--
SLDG DR PANEL	--
SLDG DR JAMB TR	--
SLDG DR TRACK	--
SLDG DR VERTS	--
SLDG DR BTM GIRT	--
OVHD DR PANEL	--
OVHD DR TRIM	CLAY
WALK DR	--
WALK DR TRIM	--
WINDOW	--
WINDOW TRIM	--
SHUTTERS	--
SIG DR FIELD	--
SIG DR TRIM	--
SIG DR JAMB TR	--
SIG DR WINDOW	--
SIG DR TRACK	--
LARGE DOOR	--
LARGE DOOR TRIM	--
DUTCH DR FRAME	--
DUTCH DR INSERT	--
DUTCH DR TRIM	--
SHINGLES	--
MANSARD ROOF	--
MANSARD EAVE	--
MANSARD SOFFIT	--
MODERRA	--

D2 SIDEWALL 2 ELEVATION

1/8" = 1'-0"

FINISH SCHEDULE

ID	LOCATION	DESCRIPTION	DETAILS
	FINISH	ELEVATIONS ARE NOT FOR PANEL LAYOUT	
	FINISH	SEE PANELGEN REPORTING FOR ACTUAL LAYOUT	
A	RIDGE TRIM	#152 VENTED RIDGECAP	OA050, JF707
B	RAKE TRIM	#820 RAKE AND CORNER	JF330, MF530
C	BASE TRIM	#190 BOTTOM CLOSURE	MF113, MF142
D	SOFFIT END TRIM	#190 BOTTOM CLOSURE	MF562
E	CORNER TRIM	#820 RAKE AND CORNER	MF511
F	OVHD DR TRIM	#890 SIDE JAMB C TRIM	LK424
G	OVHD DR TRIM	#260 J TRIM	LK424
H	EAVE TRIM	#170 STANDARD EAVE	JF154
I	EAVE TRIM	#672 FASCIA WITH STIFFENER	JF153, MF548
J	SOFFIT	#107 FJJ SOFFIT 1"/.375"THR	MF724, IF642
K	WALL SPLICE	#230 Z-TRIM	MF359
L	R1, R2	FINISH: UNI-RIB 28GA - AZ50 SMP	JF044
M	E1, E2	FINISH: UNI-RIB 28GA - AZ50 SMP (STITCHED)	MF043
N	S1, S2	FINISH: UNI-RIB 28GA - AZ50 SMP	MF044
O	S1, S2	EAVELITE: UNI-RIB EAVE LITE PANEL	MF045

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: Matthew Pjesky

Name: Matthew Pjesky

Date: 09-29-25 License Number: 61670

THIS CERTIFICATION IS LIMITED TO THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS MANUFACTURED BY LESTER BUILDING SYSTEMS, ALL OTHER ITEMS SUCH AS EQUIPMENT, VENTILATION, PLUMBING, ELECTRICAL, ERECTION, DOORS, FIRE REQUIREMENTS, INSPECTION, CONCRETE FLOORS, ETC. IS THE RESPONSIBILITY OF OTHERS.

DA003 | ENG STAMP BOX – STRUCTURAL DESIGN FULL | 384 R2

AE633954 | TITLE1 TITLE2 | 4 PRE

DATE: 9/29/2025

JOB–NUMBER 633954

SHEET 02 OF 15

DRWN BY: Amanda x5235

CHKD BY:

REV NO: 0

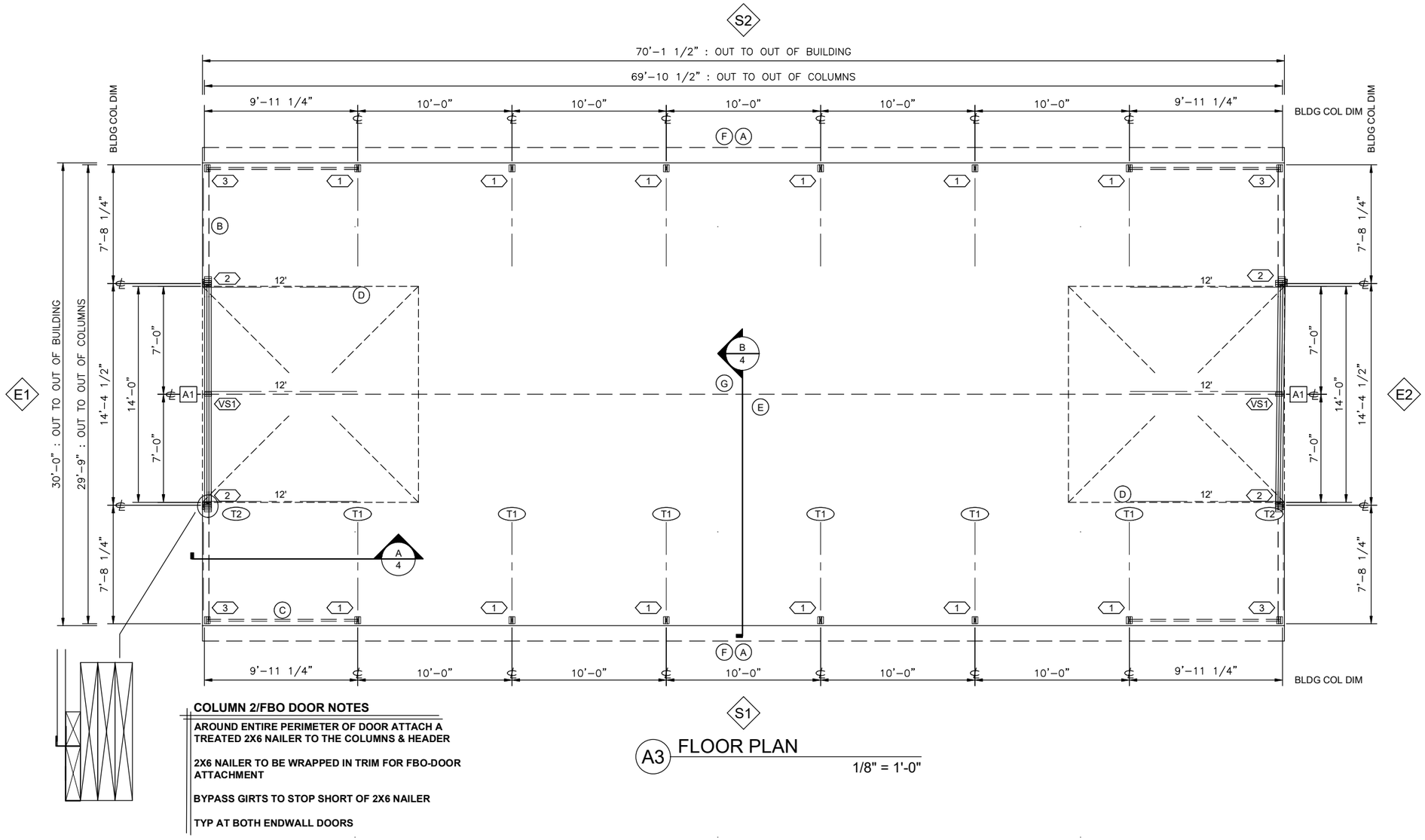
JOB DESCRIPTION: 30'x70'x20'

CUSTOMER: R. Henry Construction, Inc.
101 Power Dr
Mankato, MN 56001

DEALER: Jennifer Wight
25434 Cedar Lane
New Prague, MN 56071

LESTER BUILDING SYSTEMS, LLC.
TOLL-FREE: 800-826-4439

See Titleblock DRWN BY for Extension



COLUMN 2/FBO DOOR NOTES

AROUND ENTIRE PERIMETER OF DOOR ATTACH A TREATED 2X6 NAILER TO THE COLUMNS & HEADER

2X6 NAILER TO BE WRAPPED IN TRIM FOR FBO-DOOR ATTACHMENT

BYPASS GIRTS TO STOP SHORT OF 2X6 NAILER

TYP AT BOTH ENDWALL DOORS

NOTES

FASTEN T2 GABLE TRUSS TO EW COLUMN W/6" FLATLOK SCREWS
(4) AT TC
(4) AT BC
(1) VERTICAL WEB AT EVERY 12" O.C.

FASTEN T2 GABLE TRUSS HEELS TO CORNER COLUMNS W/(6) 4.5" FLATLOKS

REF DETAIL FF300 USE SCREWS INSTEAD OF NAILS

TYP BOTH EW

FLOOR PLAN SCHEDULE

ID	DESCRIPTION	DETAILS
	76'-3 1/4" DIAGONAL OUT-OUT OF FRAMING	
	TRUSS SPACING FROM ENDWALL 1: 1@120.75; 5@120; 1@120.75	
A	12" OVERHANG S1, S2	IF222
B	2x4 WALL DIAG BRACE	HA526
C	2x4 EAVE SHEAR BRACE	HA550
D	2x6 DIAGONAL GABLE BRACE	HB100
E	#152 VENTED RIDGECAP	OA050
F	EAVE DIAPHRAGM HARDWARE	IF202
G	RIDGE DIAPHRAGM HARDWARE	GA442

ROOF FRAMING SCHEDULE

ID	PART	DESCRIPTION	DETAILS
T1	C001	1-PLY 30'-0" TRUSS 2x10 TC / 2x8 BC	HD631
T2	C002	1-PLY 30'-0" GABLE TRUSS 2x8 TC / 2x6 BC	FF300
H1	C012	3-PLY 1-1/4x14 LVL 171-00 HEADER	FO380
		BEARING: 168-08 - BEAM POCKET: 5.38 x 11.75	

COLUMN SCHEDULE

COLUMN					FOOTING				ANCHOR		
ID	PART	SHAPE	LENGTH	BASE	SIZE	TYPE	YDS/BGS	DET	TYPE	BRS/BLTS	DET
1	C003	FS666	28-00-00	-64	8x30	POURED	0.1212	EF203	BLOCK	-	EF211
2	C011	J6FE6666	30-00-00	-58	8x24	POURED	0.0436	EF203	BLOCK	-	EF211
3	C004	FE666	28-00-00	-61	8x18	POURED	0.0436	EF203	BLOCK	-	EF211
VS1	695162	FE66	12-00-00	169.5	-	TRUSS	-	-	-	-	HB660

OPENING SCHEDULE

ID	MODEL	COLOR	NOMINAL	ROUGH	FRAME DET	FINISH DET
A1	OVERHEADDOOR - FBO		168"x168"		LK253	LK424

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: Matthew Pjesky

Name: Matthew Pjesky

Date: 09-29-25 License Number: 61670

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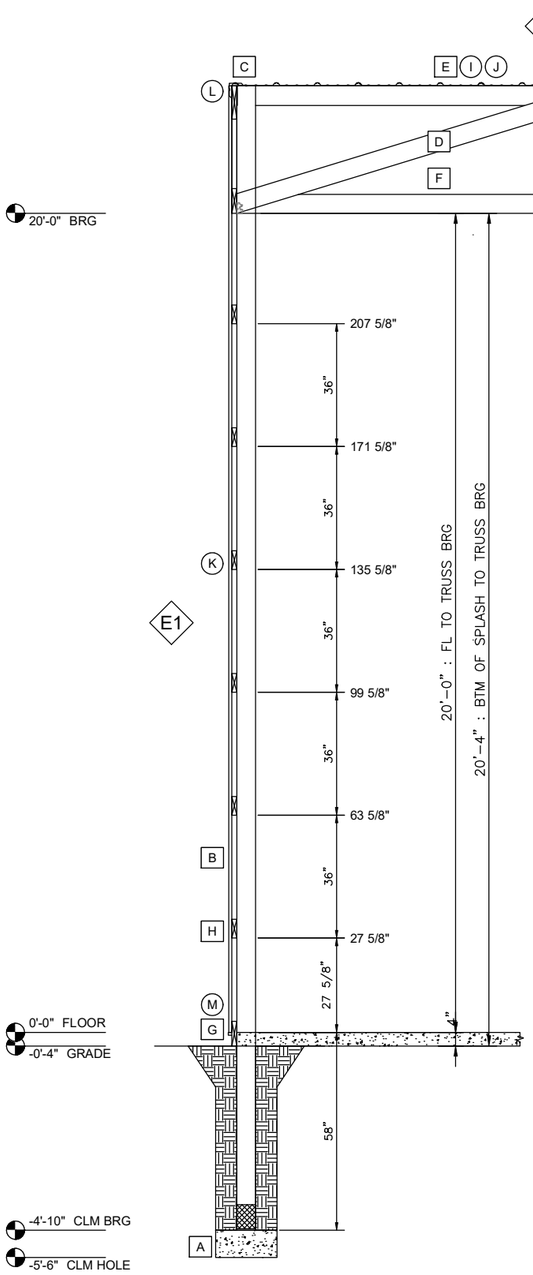
LESTER BUILDING SYSTEMS, LLC. TOLL-FREE: 800-826-4439

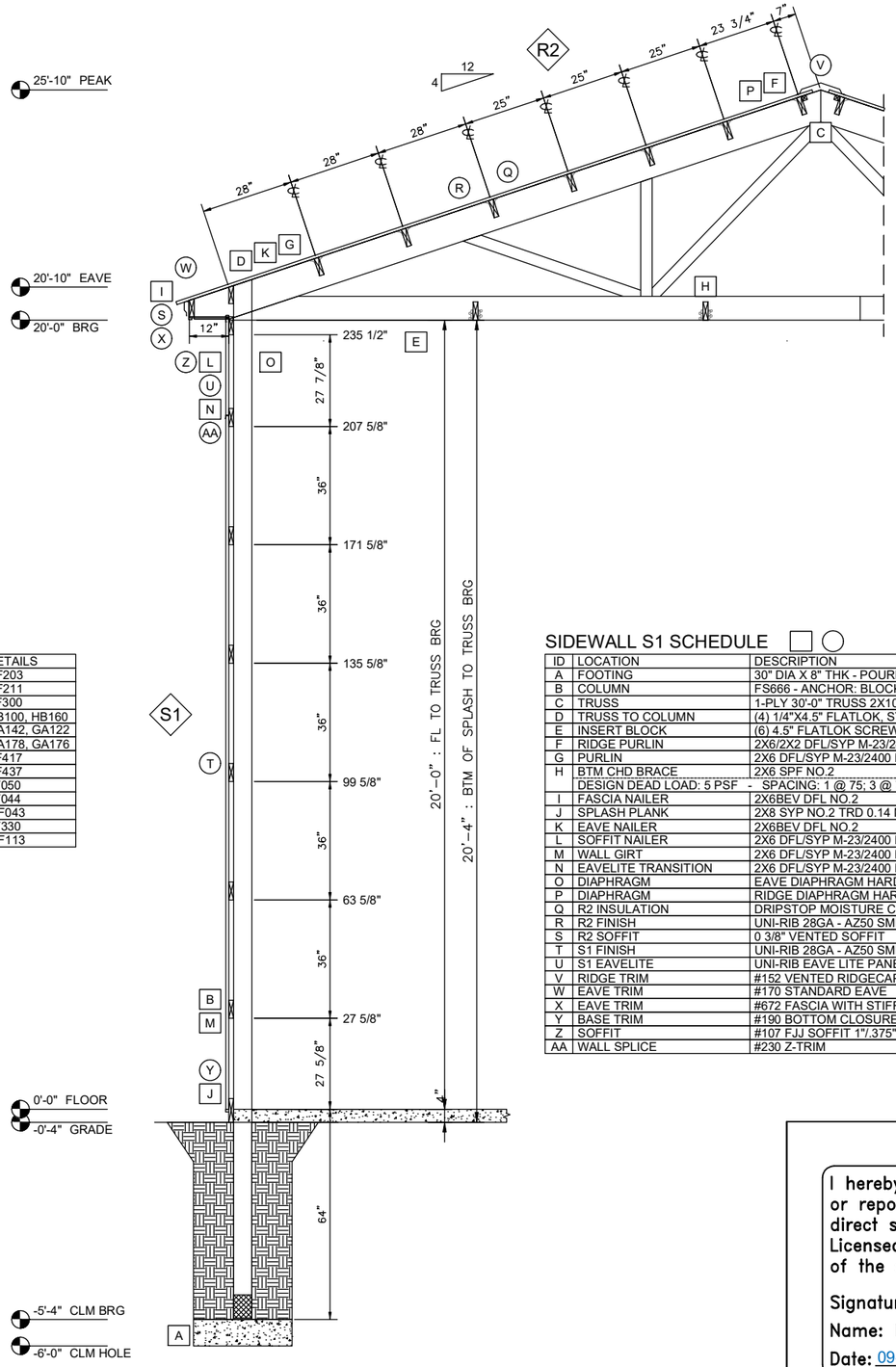
See Titleblock DRWN BY for Extension



ENDWALL E1 SCHEDULE

ID	LOCATION	DESCRIPTION	DETAILS
A	FOOTING	18" DIA X 8" THK - POURED	EF203
B	COLUMN	FE666 - ANCHOR: BLOCK	EF211
C	TRUSS	1-PLY 30'-0" GABLE TRUSS 2X8 TC / 2X6 BC	FF300
D	DIAG GBL BRACE	2X6 LESTER NO.2	HB100, HB160
E	PURLIN	2X6 DFL/SYP M-23/2400 MSR 1.8E	GA142, GA122
F	BTM CHD BRACE	2X6 SPF NO.2	GA178, GA176
G	SPLASH PLANK	2X8 SYP NO.2 TRD 0.14 MCA-C	FF417
H	WALL GIRT	2X6 LESTER NO.2	FF437
I	R2 INSULATION	DRIPSTOP MOISTURE CONTROL	JF050
J	R2 FINISH	UNI-RIB 28GA - AZ50 SMP	JF044
K	E1 FINISH	UNI-RIB 28GA - AZ50 SMP (STITCHED)	MF043
L	RAKE TRIM	#820 RAKE AND CORNER	JF330
M	BASE TRIM	#190 BOTTOM CLOSURE	MF113

A4 ENDWALL E1 SECTION
23'-2" FROM S2 1/4" = 1'-0"



SIDEWALL S1 SCHEDULE

ID	LOCATION	DESCRIPTION	DETAILS
A	FOOTING	30" DIA X 8" THK - POURED	EF203
B	COLUMN	FS666 - ANCHOR: BLOCK	EF211
C	TRUSS	1-PLY 30'-0" TRUSS 2X10 TC / 2X8 BC	-
D	TRUSS TO COLUMN	(4) 1/4"X4.5" FLATLOK, STD, UNI	HD631
E	INSERT BLOCK	(6) 4.5" FLATLOK SCREWS	FF390
F	RIDGE PURLIN	2X6/2X2 DFL/SYP M-23/2400 MSR 1.8E	GA122, GA152
G	PURLIN	2X6 DFL/SYP M-23/2400 MSR 1.8E	GA122
H	BTM CHD BRACE	2X6 SPF NO.2	GA176
	DESIGN DEAD LOAD: 5 PSF - SPACING: 1 @ 75; 3 @ 70; 1 @ 75		
I	FASCIA NAILER	2X6BEV DFL NO.2	IF222
J	SPLASH PLANK	2X8 SYP NO.2 TRD 0.14 MCA-C	FF417
K	EAVE NAILER	2X6BEV DFL NO.2	IF132, IF130
L	SOFFIT NAILER	2X6 DFL/SYP M-23/2400 MSR 1.8E	FF437
M	WALL GIRT	2X6 DFL/SYP M-23/2400 MSR 1.8E	FF437
N	EAVELITE TRANSITION	2X6 DFL/SYP M-23/2400 MSR 1.8E	FF437
O	DIAPHRAGM	EAVE DIAPHRAGM HARDWARE	IF202
P	DIAPHRAGM	RIDGE DIAPHRAGM HARDWARE	GA442
Q	R2 INSULATION	DRIPSTOP MOISTURE CONTROL	JF050
R	R2 FINISH	UNI-RIB 28GA - AZ50 SMP	JF044
S	R2 SOFFIT	0 3/8" VENTED SOFFIT	IF642
T	S1 FINISH	UNI-RIB 28GA - AZ50 SMP	MF044
U	S1 EAVELITE	UNI-RIB EAVE LITE PANEL	MF045
V	RIDGE TRIM	#152 VENTED RIDGECAP	OA050
W	EAVE TRIM	#170 STANDARD EAVE	JF154
X	EAVE TRIM	#672 FASCIA WITH STIFFENER	JF153
Y	BASE TRIM	#190 BOTTOM CLOSURE	MF113
Z	SOFFIT	#107 FJJ SOFFIT 1"/.375"THR	MF724
AA	WALL SPLICE	#230 Z-TRIM	MF359

B4 SIDEWALL S1 SECTION
35'-0" FROM E1 1/4" = 1'-0"

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: Matthew Pjesky

Name: Matthew Pjesky

Date: 09-29-25 License Number: 61670

THIS CERTIFICATION IS LIMITED TO THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS MANUFACTURED BY LESTER BUILDING SYSTEMS, ALL OTHER ITEMS SUCH AS EQUIPMENT, VENTILATION, PLUMBING, ELECTRICAL, ERECTION, DOORS, FIRE REQUIREMENTS, INSPECTION, CONCRETE FLOORS, ETC. IS THE RESPONSIBILITY OF OTHERS.

DA003 | ENG STAMP BOX – STRUCTURAL DESIGN FULL | 384 R2

BC633954 | TITLE1 TITLE2 | 8 PRE

DATE: 9/29/2025
JOB-NUMBER 633954
SHEET 04 OF 15
DRWN BY: Amanda x5235
CHKD BY: .
REV NO: 0

JOB DESCRIPTION: 30'x70'x20'
. .
See Titleblock DRWN BY for Extension

CUSTOMER: R. Henry Construction, Inc.
101 Power Dr
Mankato, MN 56001

DEALER: Jennifer Wight
25434 Cedar Lane
New Prague, MN 56071

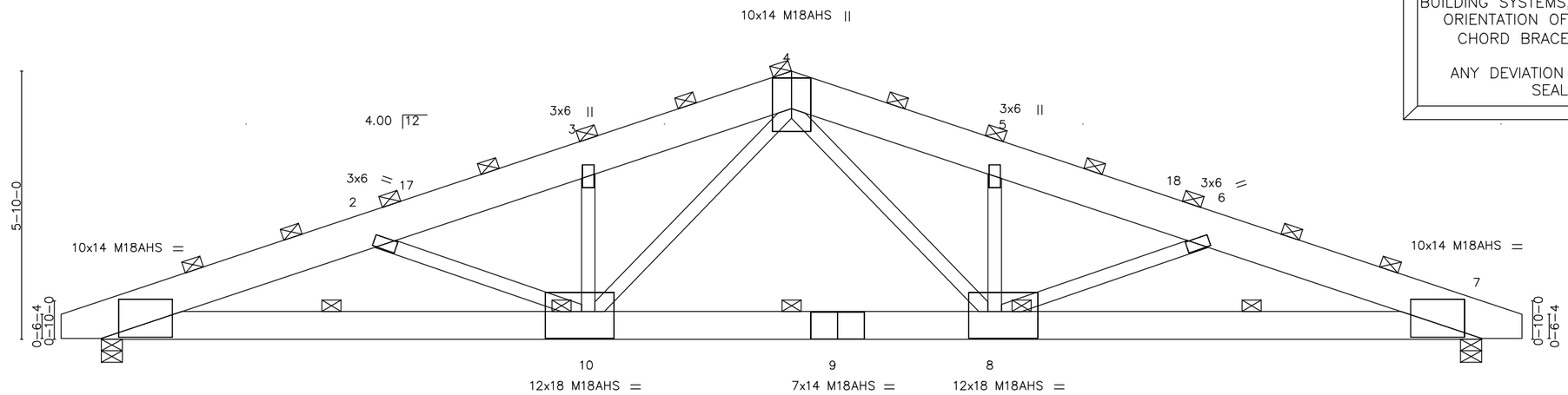
LESTER BUILDING SYSTEMS, LLC.
TOLL-FREE: 800-826-4439

Job	Truss	Truss Type	Qty	Ply	Lester Buildings\ R. Henry Construction
633954	T1-C001	FAN	6	1	10 1/2" OH EACH SIDE Job Reference (optional)

Lester Building Systems, Lester Prairie, MN 25.1.0 s Apr 28 2025 MiTek Industries, Inc. Thu Jun 26 13:19:09 2025 Page 1

-0-10-8	6-2-0	10-7-0	15-0-0	19-5-0	23-10-0	30-0-0	30-10-8
0-10-8	6-2-0	4-5-0	4-5-0	4-5-0	4-5-0	6-2-0	0-10-8

NOTE: THE TRUSSES FOR THIS JOB WERE DESIGNED AND MANUFACTURED BY LESTER BUILDING SYSTEMS, LLC WITH THE LOCATION AND ORIENTATION OF THE PURLINS AND BOTTOM CHORD BRACES AS SHOWN ON PAGE(S) 4,5
ANY DEVIATION FROM THIS WILL VOID THE SEALED DRAWING SET



10-7-0	19-5-0	30-0-0
10-7-0	8-10-0	10-7-0

Plate Offsets (X,Y)-- [1:0-4-8,0-0-4], [4:0-8-0,0-5-0], [7:0-4-8,0-0-4], [8:0-5-0,0-7-0], [10:0-8-8,0-7-0]

LOADING (psf)		SPACING- 10-0-0		CSI.		DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	39.4	Plate Grip DOL	1.15	TC	0.78	Vert(LL)	-0.61 8-10	>586	360	MT20	220/190
Snow (Ps/Pg)	39.4/50.0	Lumber DOL	1.15	BC	0.93	Vert(CT)	-0.77 8-10	>470	180	M18AHS	169/162
TCDL	4.0	Rep Stress Incr	NO	WB	0.81	Horz(CT)	0.24 7	n/a	n/a		
BCLL	0.0	Code	IBC2018/TPI2014	Matrix-MR						Weight: 266 lbFT = 10%	
BCDL	5.0										

LUMBER-
TC 2x10 M23/2400MSR 1.8E DF/SP
BC 2x8 M23/2400MSR 1.8E DF/SP
WB 2x4 M23/2400MSR 1.8E DF/SP *Except* W2: 2x4 #2 Lester
1 - Ply

BRACING-
TOP CHORD 2-4-0 oc purlins (2-5-11 max.).
BOT CHORD 5-10-0 oc bracing.

REACTIONS. (lb/size) 7=7257/0-5-8 (req. 0-7-12), 1=7257/0-5-8 (req. 0-7-12)
Max Horz 1=-172(LC 13)
Max Uplift 7=-796(LC 9), 1=-796(LC 8)
Max Grav 7=7284(LC 18), 1=7284(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-16939/1855, 2-17=-14554/1534, 3-17=-14348/1558, 3-4=-14457/1704, 4-5=-14457/1703, 5-18=-14348/1558, 6-18=-14554/1534, 6-7=-16939/1860
BOT CHORD 1-10=-1743/15824, 9-10=-957/10892, 8-9=-957/10892, 7-8=-1629/15824
WEBS 3-10=-2804/351, 5-8=-2804/345, 2-10=-2686/454, 4-10=-590/5732, 4-8=-587/5732, 6-8=-2686/464

NOTES-
1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=2.4psf; BCDL=1.0psf; h=20ft; Cat. II; Exp B; Enclosed; MWFRS (envelope); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) TCLL: ASCE 7-16; Pr=39.4 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=50.0 psf; Ps=39.4 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=0.94; Ct=1.20; Unobstructed slippery surface
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
6) Dead loads shown include weight of truss. Top chord dead load of 5.0 psf (or less) is not adequate for a shingle roof. Architect to verify adequacy of top chord dead load.
7) All plates are MT20 plates unless otherwise indicated.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) WARNING: Required bearing size at joint(s) 7, 1 greater than input bearing size.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 796 lb uplift at joint 7 and 796 lb uplift at joint 1.
11) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
12) Purlins are supported between trusses by means of a ledger strip or purlin hanger.

LOAD CASE(S) Standard

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.
Signature: Matthew Pjesky
Name: Matthew Pjesky
Date: 09-29-25 License Number: 61670

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CT633954	TITLE1 TITLE2	8 PRE

DA003	ENG STAMP BOX - STRUCTURAL DESIGN FULL	384 R2

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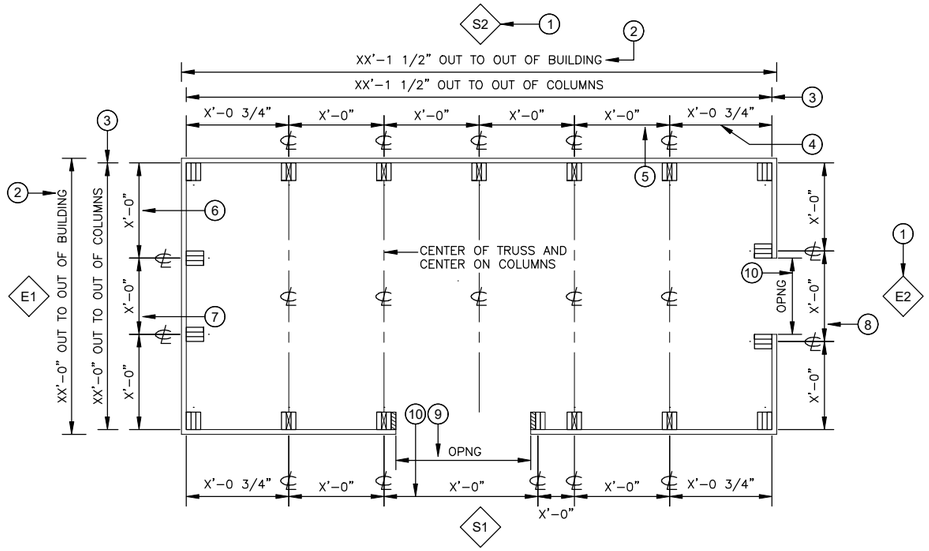
SYMBOL MEANS "CENTER LINE"



SYMBOL SCHEDULE ○

1. ◇ THIS SYMBOL IS A REFERENCE THAT RELATES TO YOUR "WHERE USED". IT CALLS OUT THE WALL TYPE/LOCATION. S2 REFERS TO SIDEWALL 2. E2 REFERS TO ENDWALL 2. IT CAN HELP YOUR CONSTRUCTION CREW IDENTIFY WHERE TO STAGE BUILDING MATERIAL

2. OUT TO OUT OF BUILDING LENGTH AND WIDTH IS FROM OUTSIDE EDGE OF BYPASS WALL GIRT TO OUTSIDE EDGE OF BYPASS WALL GIRT.

3. OUT TO OUT OF COLUMNS LENGTH AND WIDTH IS MEASURED FROM OUTSIDE EDGE OF CORNER COLUMN TO THE OUTSIDE EDGE OF OPPOSITE CORNER COLUMN.

4. END BAYS (BAY NEXT TO ENDWALL) WILL HAVE A DIMENSION SLIGHTLY DIFFERENT THAN THE INTERMEDIATE BAYS. THIS DIMENSION MEASURES FROM THE CENTER OF THE INTERMEDIATE COLUMN TO THE OUTSIDE EDGE OF CORNER COLUMN.

5. INTERMEDIATE BAYS ARE DIMENSIONED FROM CENTER OF COLUMN TO CENTER OF COLUMN.

6. THE BAY NEXT TO EACH SIDEWALL MEASURES FROM THE CENTER OF COLUMN TO THE OUTSIDE EDGE OF CORNER COLUMN.

7. MIDDLE BAYS ON THE ENDWALL ARE DIMENSIONED FROM THE CENTER OF COLUMN TO CENTER OF COLUMN.

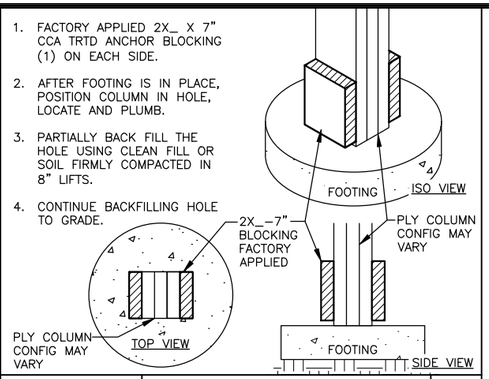
8. DIMENSION FOR ENDWALL COLUMNS AT DOOR OPENINGS ARE MEASURED FROM CENTER OF COLUMN TO CENTER OF COLUMN. AN OPENING DIMENSION WILL REPRESENT ACTUAL OPENING SIZE.

9. DIMENSION FOR SIDEWALL COLUMNS AT DOOR OPENINGS ARE MEASURED FROM CENTER OF COLUMN OR CENTER OF TRUSS TO CENTER OF COLUMN OR CENTER OF TRUSS. (REFER TO FLOOR PLAN OF YOUR PROJECT)

!!!PAY CAREFUL ATTENTION TO WHERE THE DIMENSION LINES MEASURE!!!

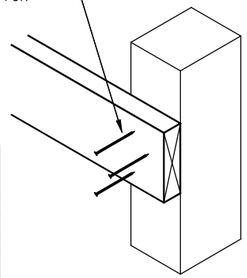
10. OPENING DIMENSION IS FROM SIDE OF COLUMN TO SIDE OF COLUMN.

1. FACTORY APPLIED 2X_ X 7" CCA TRTD ANCHOR BLOCKING (1) ON EACH SIDE.
2. AFTER FOOTING IS IN PLACE, POSITION COLUMN IN HOLE, LOCATE AND PLUMB.
3. PARTIALLY BACK FILL THE HOLE USING CLEAN FILL OR SOIL FIRMLY COMPACTED IN 8" LIFTS.
4. CONTINUE BACKFILLING HOLE TO GRADE.



EF211 | ANCHOR BLOCKS – FACTORY APPLIED COLUMN EMBEDMENT 1" | 32 R1

NAIL 2X_ FRAMING MEMBER TO COLUMN USING 16d GALV R.S. NAILS, SEE CHART BELOW FOR QTY.



FRAMING MEMBER SIZE	QTY. 16d GALV R.S. NAILS (P/N: 040140)
2X4	(2)
2X6	(2)
2X8	(3)
2X10	(3)
2X12	(4)

FF001 | TYPICAL 2X_ FRMG TO COLUMN CONN WALL FRAMING FASTENING 1.5" | 48 R1

DA568 | BYPASS FRAME DIMENSION STANDARDS FLOOR PLAN LAYOUT GUIDE 3/8" | 12 R2

CONVERSION TO GUN NAIL

TLN NAILS REQUIRED FOR TREATED LUMBER

HAND NAIL	GUN NAIL	MULTIPLICATION WOOD–WOOD	MULTIPLICATION HANGER–WOOD	EXAMPLE: GUN NAIL REPLACEMENT FOR COMMON DETAILS (IF GUN NAILING SHOWN ON DETAILS – FOLLOW DETAIL)		
16d COM	0.131"x3.25	1.5	1.7	2X4 FLAT PURLIN	HAND NAIL	(2) 16d COMMONS
					GUN NAIL	(3) 0.131 X 3.25 SMOOTH
16d R.S.	0.131"x3.25	1.4	1.4	BYPASS WALL GIRTS	HAND NAIL	(2) 16d R.S. NAILS
					GUN NAIL	(3) 0.131 X 3.25 SMOOTH
				SPLASH PLANK	HAND NAIL	(2) 16d R.S. NAILS
					GUN NAIL	(3) 0.131 X 3.25 SMOOTH
10d COM	0.131"x3.25	1	1.2	BOOKSHELF GIRTS	HAND NAIL	(4) 10d BOX NAILS
					GUN NAIL	(4) 0.131 X 3.25 SMOOTH
8d COM	0.131"x3.25	1	1	5/8" SHEATHING	HAND NAIL	(2) 16d COMMONS
					GUN NAIL	(3) 0.131 X 3.25 SMOOTH
10d C.C.	0.131"x3.25	1	1			

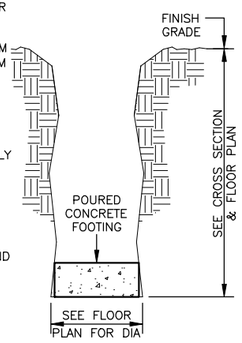
ONLY POWER DRIVEN NAILS LISTED IN "NATIONAL EVALUATION SERVICES REPORT NER–272 (POWER DRIVEN STAPLES AND NAILS FOR USE IN ALL TYPES OF BUILDING CONSTRUCTION) MAY BE USED. FULL HEAD OR CLIPPED HEAD POWER DRIVEN NAILS ONLY. T–HEADED NAILS AND STAPLES "MAY NOT" BE SUBSTITUTED FOR CONNECTIONS INDICATED ON DRAWINGS.

DA600 | GUN NAIL CONVERSION CHART GENERAL INFORMATION | 32 R1

1) AUGER HOLE AS PER DIAMETER REQUIRED FOR THE FOOTING.
2) REMOVE ALL LOOSE DIRT FROM BOTTOM OF HOLE, "TAMP" BOTTOM OF HOLE WELL.
3) POUR CONCRETE FOOTING TO REQUIRED DEPTH SPECIFIED ON FLOOR PLAN.
4) ALLOW CONCRETE TO PROPERLY CURE.

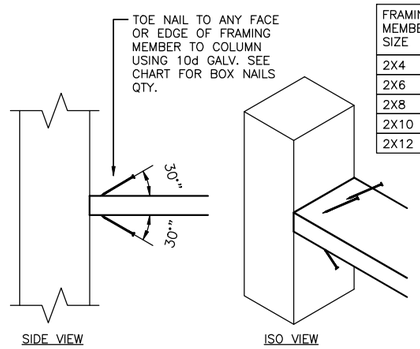
SEE CROSS SECTION AND FLOOR PLAN FOR EMBEDMENT DEPTH AND FOOTING SIZE.

UNDISTURBED SOIL BELOW FOOTING



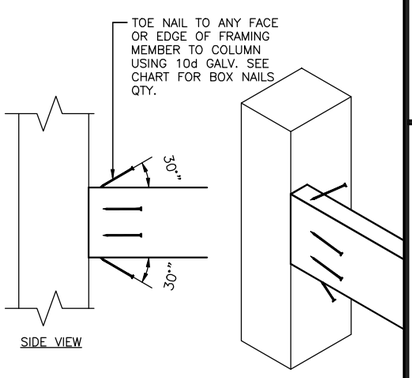
EF203 | POURED CONCETE FOOTING COLUMN EMBEDMENT 1/2" | 16 R1

TOE NAIL TO ANY FACE OR EDGE OF FRAMING MEMBER TO COLUMN USING 10d GALV. SEE CHART FOR BOX NAILS QTY.



FRAMING MEMBER SIZE	QTY. 10d GALV BOX NAILS (P/N: 040076)
2X4	(3)
2X6	(3)
2X8	(4)
2X10	(5)
2X12	(6)

TOE NAIL TO ANY FACE OR EDGE OF FRAMING MEMBER TO COLUMN USING 10d GALV. SEE CHART FOR BOX NAILS QTY.



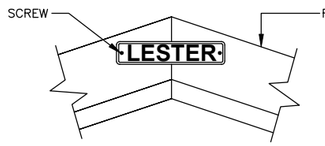
FF002 | TOE–NAILED 2X_ FRMG TO COLUMN CONN WALL FRAMING FASTENING 1.5" | 48 R1

CONVERSION TO GALVANIZED NAIL

(P/N: 040021) 4d COMMON BRIGHT = (P/N: 040082) 4d GALV COMMON
(P/N: 040025) 8d COMMON BRIGHT = (P/N: 040086) 8d GALV COMMON
(P/N: 040026) 10d COMMON BRIGHT = (P/N: 040087) 10d GALV COMMON
(P/N: 040028) 16d COMMON BRIGHT = (P/N: 040089) 16d GALV COMMON
(P/N: 040016) 10d CC BOX = (P/N: 040076) 10d GALV BOX

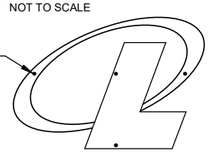
DA603 | NAIL CONVERSION TO GALV NAILS GENERAL INFORMATION 1" | 32 R0

SCREW — RAKE TRIM

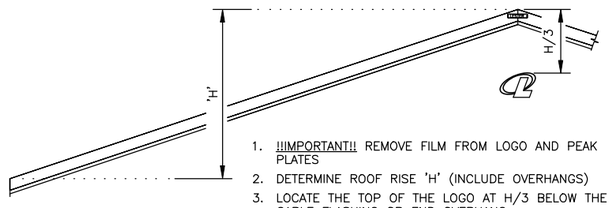


PEAK PLATE
NOT TO SCALE

SCREW



LOGO
NOT TO SCALE



1. !!IMPORTANT!! REMOVE FILM FROM LOGO AND PEAK PLATES
2. DETERMINE ROOF RISE 'H' (INCLUDE OVERHANGS)
3. LOCATE THE TOP OF THE LOGO AT H/3 BELOW THE GABLE FLASHING OR END OVERHANG
4. FASTEN W/SCREWS WHEN INSTALLED OVER TOP OF MAJOR RIB(S), FASTEN W/SCREWS & SPACERS IN ALL OTHER HOLES IF THEY DO NOT LAND ON A MAJOR RIB(S).
   NOTE: ALL SCREWS GET SPACERS IF FASTENING TO FLAT SIDING
5. INSTALL PEAK PLATE AS SHOWN ABOVE

DD001 | PEAK & LOGO PLATE INSTALLAION BUILDING SIGNAGE | 8 R1

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: Matthew Pjesky

Name: Matthew Pjesky

Date: 09-29-25 License Number: 61670

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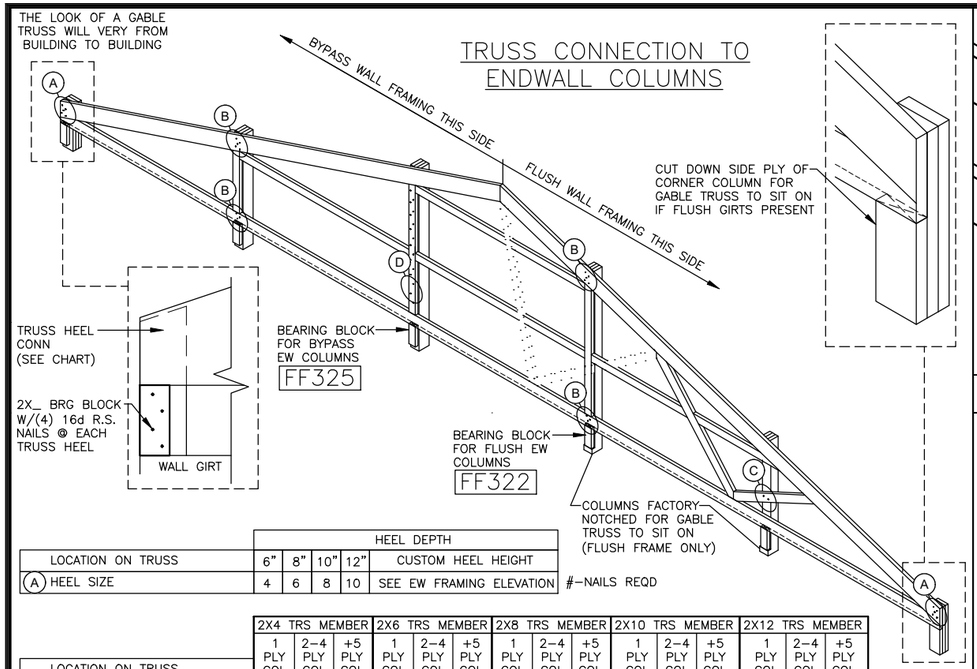
TRUSS CONNECTION TO ENDWALL COLUMNS



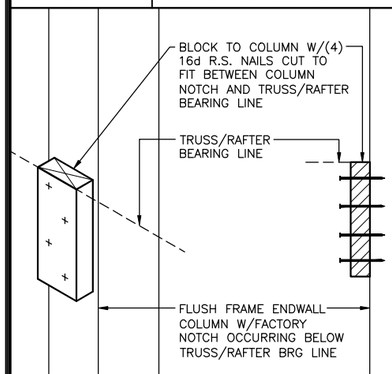
LOCATION ON TRUSS	HEEL DEPTH 6"	8"	10"	12"	CUSTOM HEEL HEIGHT
(A) HEEL SIZE	4	6	8	10	SEE EW FRAMING ELEVATION

#–NAILS REQD

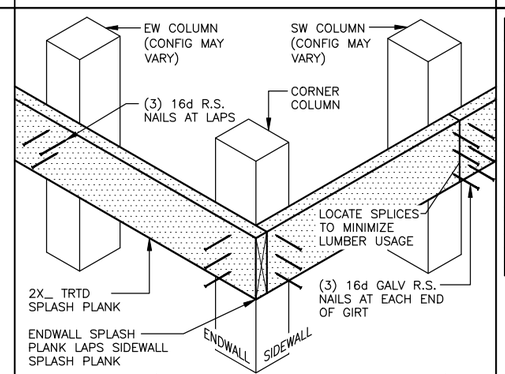
LOCATION ON TRUSS	2X4 TRS MEMBER 1 PLY COL	2–4 PLY COL	+5 PLY COL	2X6 TRS MEMBER 1 PLY COL	2–4 PLY COL	+5 PLY COL	2X8 TRS MEMBER 1 PLY COL	2–4 PLY COL	+5 PLY COL	2X10 TRS MEMBER 1 PLY COL	2–4 PLY COL	+5 PLY COL	2X12 TRS MEMBER 1 PLY COL	2–4 PLY COL	+5 PLY COL	
(B) TOP & BTM CHORD	2	4	6	3	6	9	3	6	9	4	8	12	4	8	12	#–NAILS REQD
(C) DIAGONAL & HORIZONTAL WEBS	2	2	3	2	3	4	2	3	4	4	5	6	2	3	4	#–NAILS REQD
(D) VERTICAL WEBS	12" O.C. IN EACH PLY															

FF300	GABLE TRUSS TO ENDWALL COLUMN CONN WALL FRAMING FASTENING 1/4"	8	R1

FOR A 2–PLY GABLE TRUSS SEE FRAME ELEVATION OF DRWGS

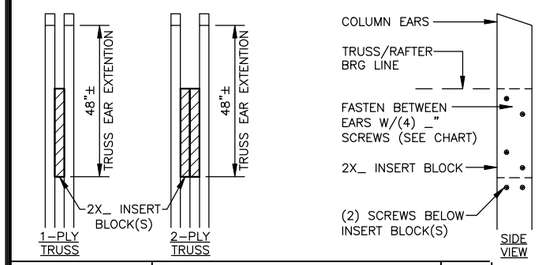


FF325	BYPASS ENDWALL COLUMN PREP FOR TRUSS WALL FRAMING FASTENING 1.5"	48	R3

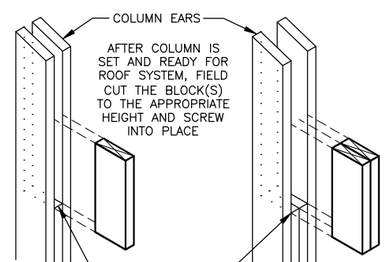


FF417	2X_ SPLASH PLANK CONN – BYPASS UNI–FRAME WALL FASTENING 1"	32	R1

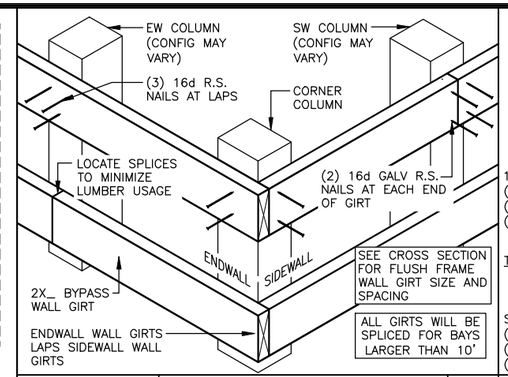
INSERT BLOCK LENGTH	INSERT BLOCK FASTENERS
LESS THAN 3"	(2) 10d NAILS
BETWEEN 3" – 9"	(2) STRUC SCREWS
GREATER THAN 9"	(4) STRUC SCREWS



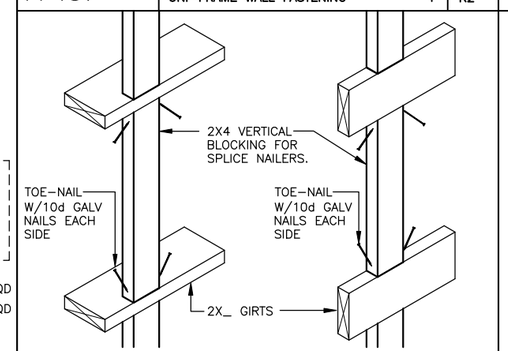
COL # PLYS	SCREW LENGTH
3	4.5" STRUC SCR (P/N: 042074)
4	6" STRUC SCR (P/N: 042076)
5	8" SPIDER SCR (P/N: 042249)



FF390	2X6, 2X8, OR 2X10 COL PREP FOR TRUSS WALL FRAMING FASTENING 3/4"	24	R8



FF437	BYPASS WALL GIRTS CONN – STANDARD UNI–FRAME WALL FASTENING 1"	32	R2

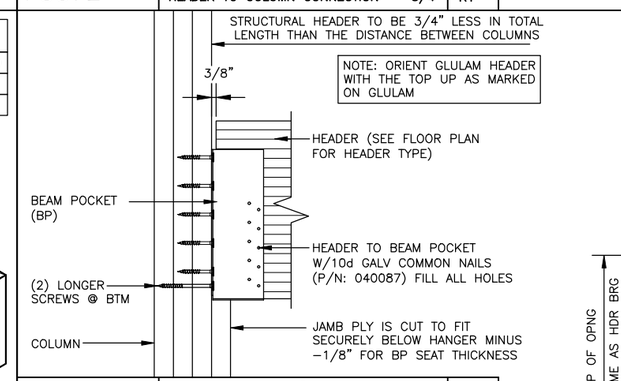


FF482	VERTICAL BLOCKING BETWEEN GIRTS UNI–FRAME WALL FASTENING 1"	32	R2

LUMBER PLY HEADER QTY./SIZE	10d GALV. BOX NAILS INTO HEADER	INTO COLUMN	JA–_ CLIP (PER. FLANGE)	JA–_ CLIP QTY./SIZE	KIT #
2–PLY 2X8	8	3	4	JA–3	741370
3–PLY 2X8	8	3	4	JA–3	741370
4–PLY 2X8	8	3	6	JA–5	741371
5–PLY 2X8	8	3	4	(2) JA–3	741372
6–PLY 2X8	8	3	4 & 6	JA–3/JA–5	741373
2–PLY 2X10	10	4	4	JA–3	741380
3–PLY 2X10	10	4	4	JA–3	741380
4–PLY 2X10	10	4	6	JA–5	741381
5–PLY 2X10	10	4	4	(2) JA–3	741382
6–PLY 2X10	10	4	4 & 6	JA–3/JA–5	741383
2–PLY 2X12	12	5	4	JA–3	741390
3–PLY 2X12	12	5	4	JA–3	741390
4–PLY 2X12	12	5	6	JA–5	741391
5–PLY 2X12	12	5	4	(2) JA–3	741392
6–PLY 2X12	12	5	4 & 6	JA–3/JA–5	741393

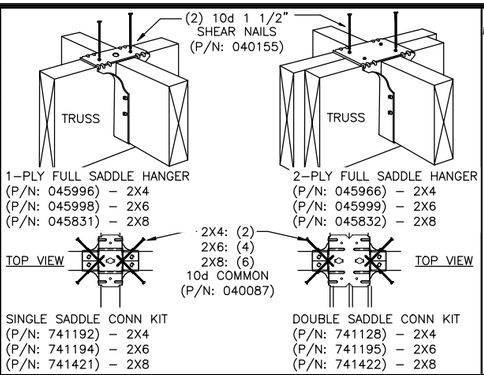
HEADER LOCATION AT COLUMN BASED ON OPNG TYPE.
FOR OVHD DOOR SEE DETAIL F0344

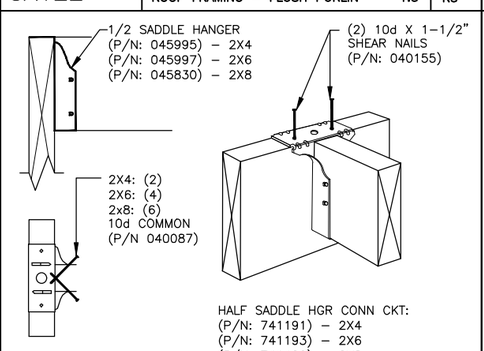
F0372	HEADER BEARING AT 1 1/2" ABOVE OPNG HEADER TO COLUMN CONNECTION 3/4"	24	R1



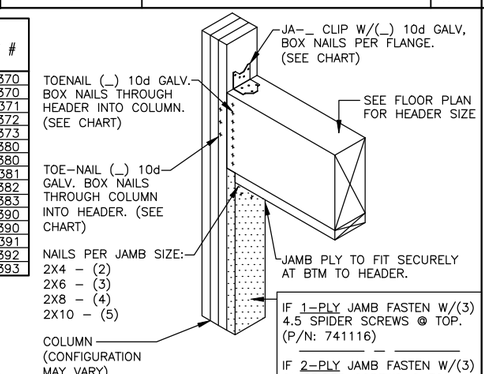
F0380	BP TO COL – 11.75" HIGH BEAM POCKET HDR. BRG. @ TOP OF DR. OPNG. 1.5"	48	R4

GA122	2X_ PURLIN SINGLE/DOUBLE SADDLE HGR ROOF FRAMING – FLUSH PURLIN 1.5"	48	R5

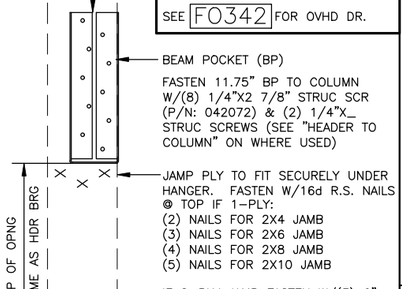




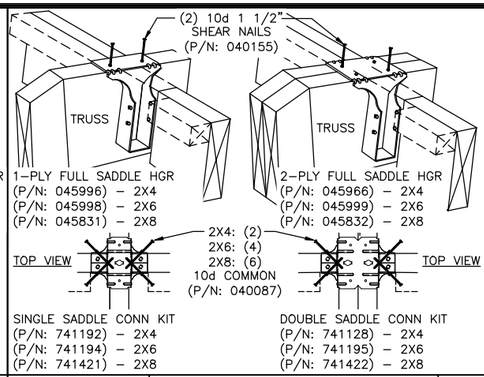
GA142	2X_ PURLIN HALF SADDLE HANGER ROOF FRAMING – FLUSH PURLIN 2"	64	R4

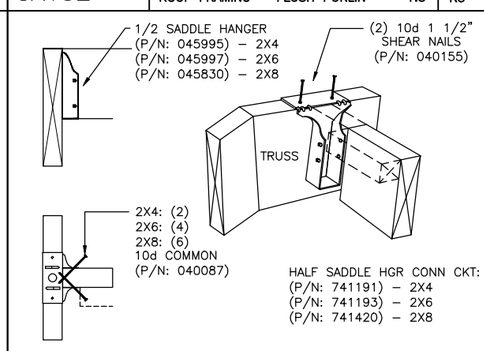


HEADER LOCATION AT COLUMN BASED ON OPENING TYPE:
SEE F0340 FOR SLDG DR.
SEE F0342 FOR OVHD DR.



GA152	RIDGE NAILER W/ OR W/O 2X2 IN SADDLE ROOF FRAMING – FLUSH PURLIN 1.5"	48	R5

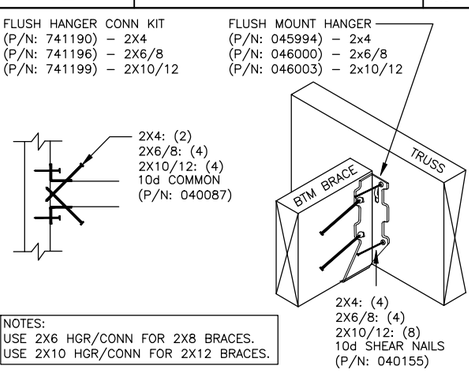




GA162	RIDGE NAILER W/ OR W/O 2X2 HALF SAD ROOF FRAMING – FLUSH PURLIN 1.5"	48	R8

FLUSH HANGER CONN KIT (P/N: 741190) – 2X4 (P/N: 741196) – 2X6/8 (P/N: 741199) – 2X10/12

FLUSH MOUNT HANGER (P/N: 045994) – 2x4 (P/N: 046000) – 2x6/8 (P/N: 046003) – 2x10/12



NOTES:
USE 2X6 HGR/CONN FOR 2X8 BRACES.
USE 2X10 HGR/CONN FOR 2X12 BRACES.

GA172	2X_ BTM BRACE IN FLUSH MOUNT HANGER ROOF/CEILING FRAMING 2"	64	R3

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: Matthew Pjesky

Name: Matthew Pjesky

Date: 09-29-25 License Number: 61670

THIS CERTIFICATION IS LIMITED TO THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS MANUFACTURED BY LESTER BUILDING SYSTEMS, ALL OTHER ITEMS SUCH AS EQUIPMENT, VENTILATION, PLUMBING, ELECTRICAL, ERECTION, DOORS, FIRE REQUIREMENTS, INSPECTION, CONCRETE FLOORS, ETC. IS THE RESPONSIBILITY OF OTHERS.

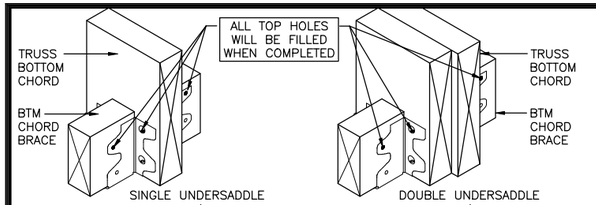
DA003	ENG STAMP BOX – STRUCTURAL DESIGN FULL	384	R2

DATE: 9/29/2025
SHEET 07 OF 15
JOB–NUMBER 633954
DRWN BY: Amanda x5235
CHKD BY:
REV NO: 0
JOB DESCRIPTION: 30'x70'x20'

CUSTOMER:
R. Henry Construction, Inc.
101 Power Dr
Mankato, MN 56001

DEALER:
Jennifer Wight
25434 Cedar Lane
New Prague, MN 56071

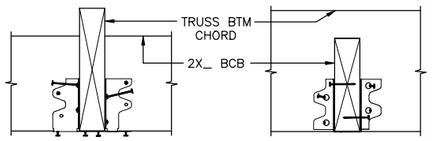
LESTER BUILDING SYSTEMS, LLC.
TOLL–FREE : 800-826-4439
See Tileblock DRWN BY for Extension



BOTTOM VIEW

FASTEN UNDERSADDLE HANGER W/(12) #10x1.5" STRUCTURAL SCREW (P/N: 042223):
3 TOTAL SCREWS INTO EACH BCB
(1) SCREWS FROM THE BOTTOM
(2) SCREWS FROM SIDES PLACED IN TOP HOLES
6 TOTAL SCREWS INTO TRUSS BOTTOM CHORD
(2) SCREWS FROM BOTTOM
(4) SCREWS INTO FACE PLACED IN TOP HOLES

SINGLE UNDERSADDLE STD CONN KIT P/N: 741140
DOUBLE UNDERSADDLE STD CONN KIT P/N: 741141

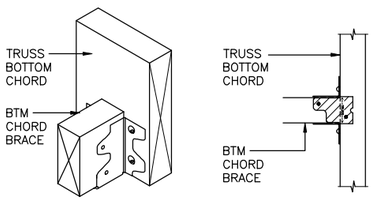


SIDE VIEW

GA176	2X_ BCB SGL/DBL UNDERSADDLE HGR ROOF FRAMINGS – STANDARD LOAD 2"	64 R2

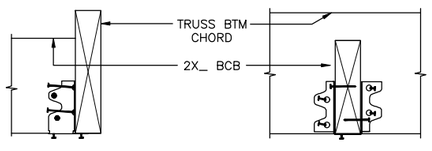
1 1/4" SHEAR NAILS (P/N: 040155) HAVE BEEN SENT TO FILL IN BOTTOM HOLES IF CEILING IS PRESENT.

HALF UNDERSADDLE HANGER P/N: 045961
HALF UNDERSADDLE CONN KIT P/N: 741139



BOTTOM VIEW

FASTEN THE HALF UNDERSADDLE HANGER W/(10) #10x1.5" STRUCTURAL SCREW (P/N: 042223):
5 TOTAL SCREWS INTO EACH BCB
(1) SCREWS FROM THE BOTTOM
(4) SCREWS FROM SIDES
5 TOTAL SCREWS INTO TRUSS BOTTOM CHORD
(1) SCREWS FROM BOTTOM
(4) SCREWS INTO FACE

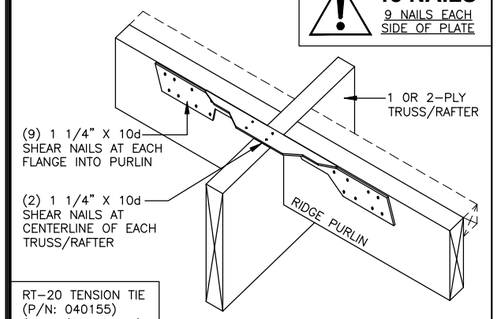


SIDE VIEW

GA178	HALF UNDERSADDLE BCB HANGER ROOF FRAMINGS – STANDARD LOAD 2"	64 R3

1 1/4" SHEAR NAILS (P/N: 040155) HAVE BEEN SENT TO FILL IN BOTTOM HOLES IF CEILING IS PRESENT.

18 NAILS
9 NAILS EACH SIDE OF PLATE



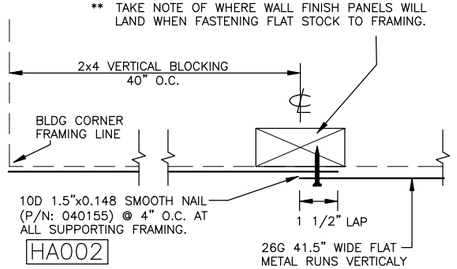
RT-20 TENSION TIE
(P/N: 040155)
(KIT P/N: 741040)

GA442	SINGLE ROW AT RIDGE PURLIN DIAPHRAGM HARDWARE 1.5"	48 R4

IF HOUSE WRAP IS CONFIGURED ON PROJECT THEN INSTALL THIS FIRST THEN FLAT METAL

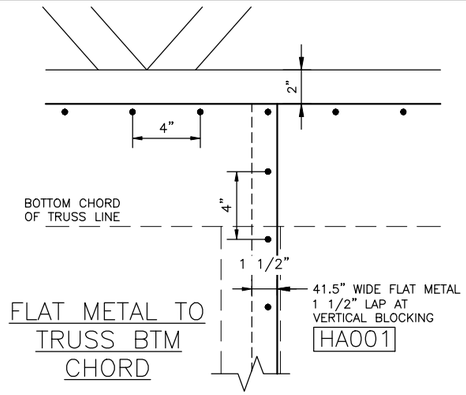
2X4 VERTICAL BLOCKING BETWEEN GIRTS AT EACH SPLICE. ROUGHLY EVERY 40" O.C. FF482

** TAKE NOTE OF WHERE WALL FINISH PANELS WILL LAND WHEN FASTENING FLAT STOCK TO FRAMING.



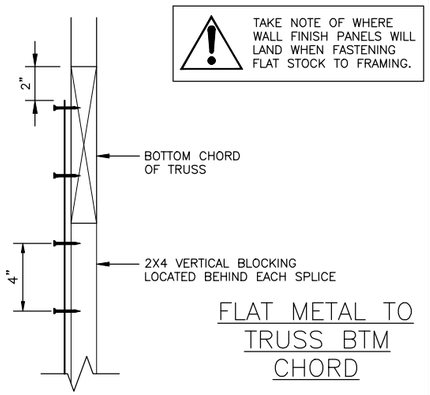
HA002

HA001	FLAT METAL START & FASTENING 0" THICK FLAT METAL – SHEAR WALL 3"	96 R0

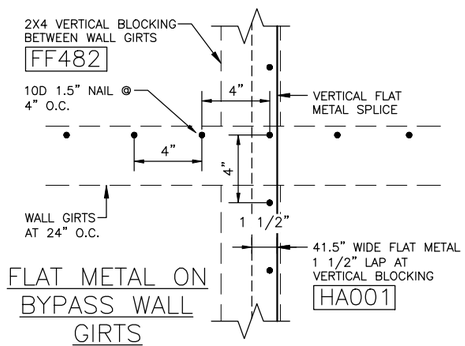


FLAT METAL TO TRUSS BTM CHORD

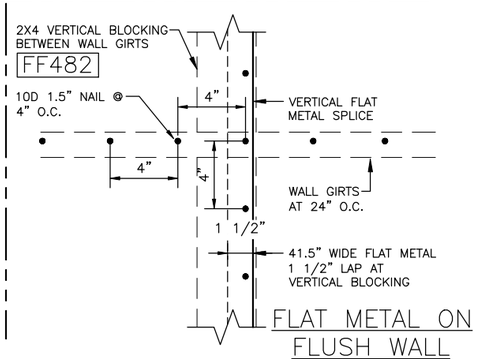
TAKE NOTE OF WHERE WALL FINISH PANELS WILL LAND WHEN FASTENING FLAT STOCK TO FRAMING.



FLAT METAL TO TRUSS BTM CHORD



FLAT METAL ON BYPASS WALL GIRTS



FLAT METAL ON FLUSH WALL GIRTS

HA002	FLAT METAL CONN TO WALL GIRTS & TRUSS 0" THICK FLAT METAL – SHEAR WALL 2"	64 R1

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: Matthew Pjesky

Name: Matthew Pjesky

Date: 09-29-25 License Number: 61670

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DA003	ENG STAMP BOX – STRUCTURAL DESIGN FULL	384 R2

DATE: 9/29/2025

JOB-NUMBER 633954

SHEET 08 OF 15

DRWN BY: Amanda x5235

CHKD BY: . .

REV NO: 0

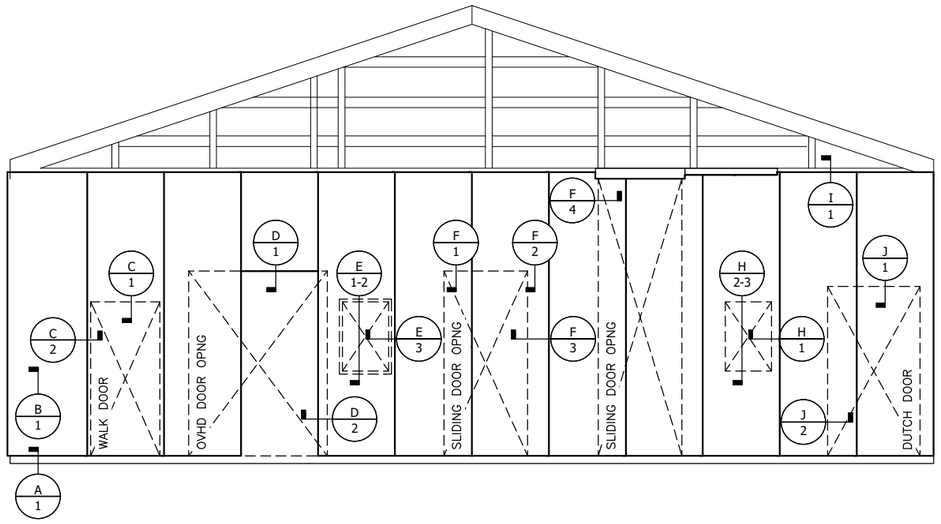
JOB DESCRIPTION: 30'x70'x20' . .

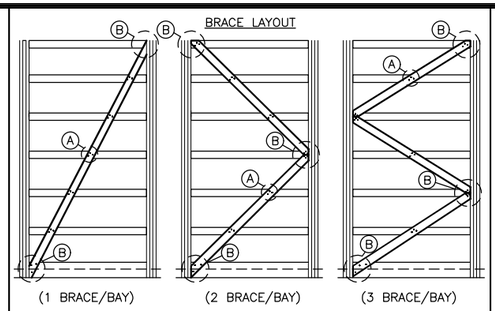
CUSTOMER: R. Henry Construction, Inc. 101 Power Dr Mankato, MN 56001

DEALER: Jennifer Wight 25434 Cedar Lane New Prague, MN 56071

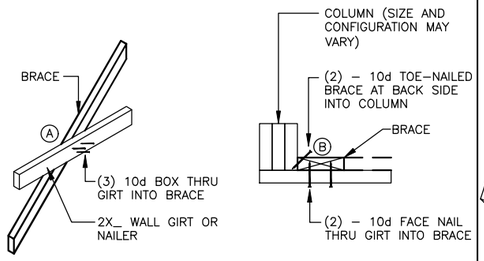
LESTER BUILDING SYSTEMS, LLC. TOLL-FREE : 800-826-4439

See Titleblock DRWN BY for Extension



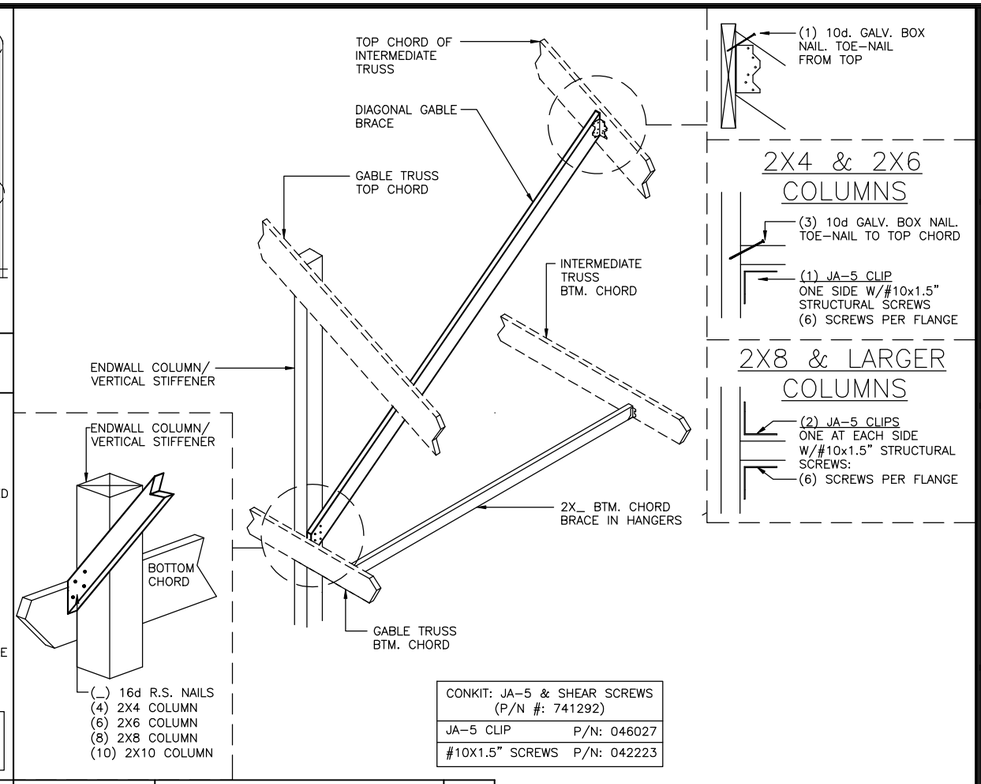


SEE ELEVATIONS FOR CONFIGURATION
SEE WHERE USED REPORT FOR LUMBER SIZE AND GRADE
SEE FLOOR PLAN FOR LOCATIONS



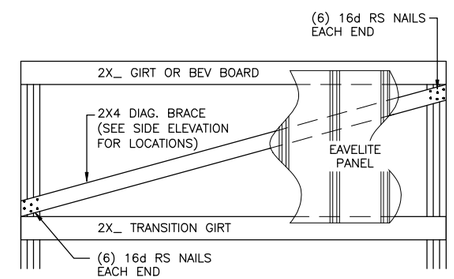
CORNER BRACES ARE TO BE CUT FROM 2X4 #2 LUMBER UNLESS NOTED OTHERWISE

HA527	WALL DIAGONAL BRACE – EMBEDDED BRACING INSTALLATION – CONFIGURED 1/4"	8 R3

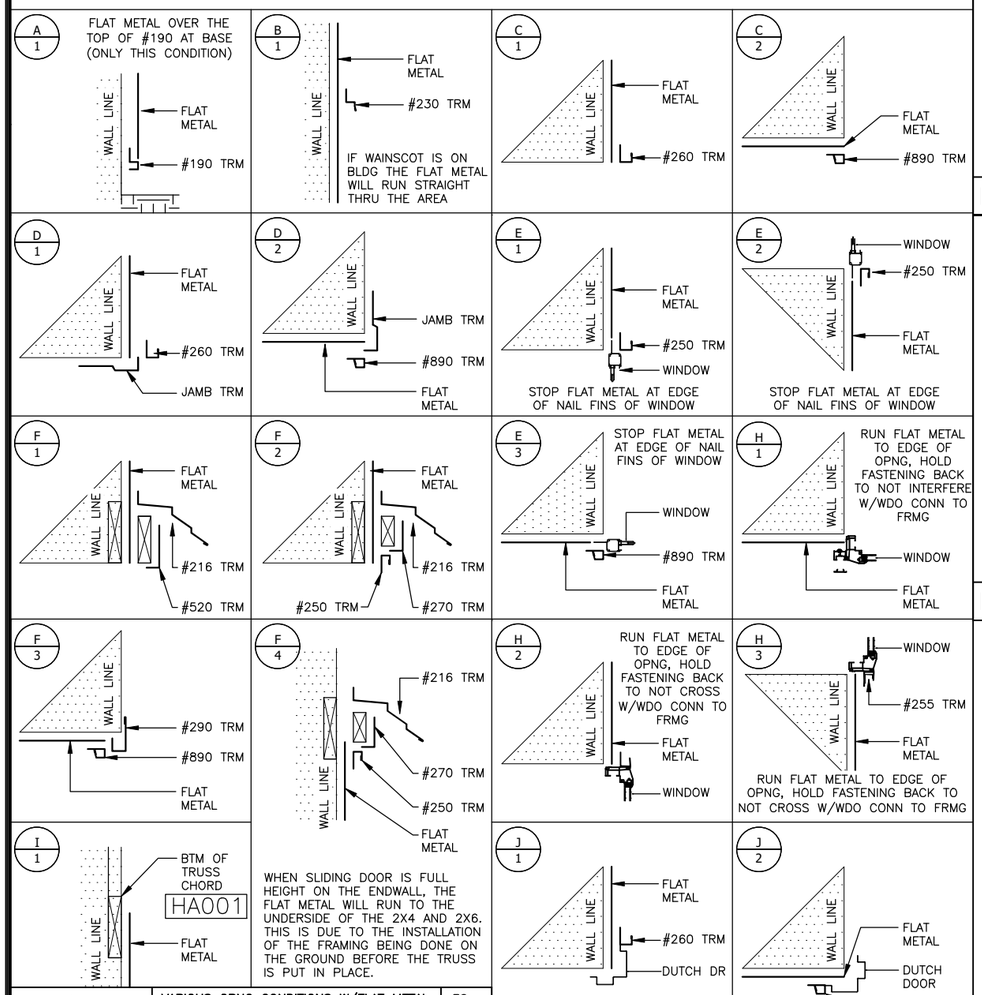


CONKIT: JA–5 & SHEAR SCREWS (P/N #: 741292)	
JA–5 CLIP	P/N: 046027
#10X1.5" SCREWS	P/N: 042223

HB100	DIAGONAL GABLE BRACE CONNECTION STANDARD TRUSS BRACING 3/8"	12 R3



HA550	SHEAR BRACE AT EAVE LITE – BYPASS WALL BRACING 1/2"	16 R1



HA004	VARIOUS OPNG CONDITIONS W/FLAT METAL 0" THICK FLAT METAL – SHEAR WALL 1"	32 R1

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: Matthew Pjesky

Name: Matthew Pjesky

Date: 09-29-25 License Number: 61670

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DA003	ENG STAMP BOX – STRUCTURAL DESIGN FULL	384 R2

DATE: 9/29/2025
SHEET 09 OF 15
JOB–NUMBER 633954
DRWN BY: Amanda x5235
CHKD BY:
REV NO: 0

JOB DESCRIPTION: 30'x70'x20'

CUSTOMER: R. Henry Construction, Inc.
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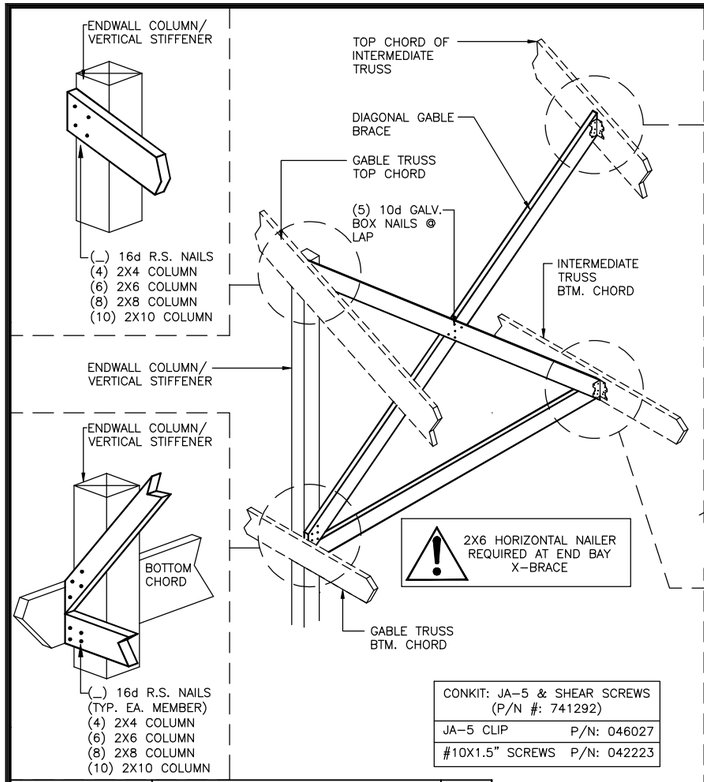
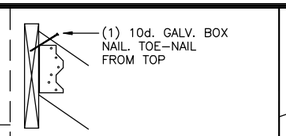
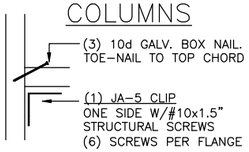


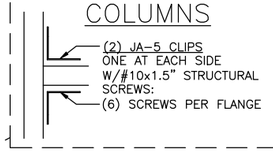
CONKIT: JA-5 & SHEAR SCREWS (P/N #: 741292)	
JA-5 CLIP	P/N: 046027
#10X1.5" SCREWS	P/N: 042223

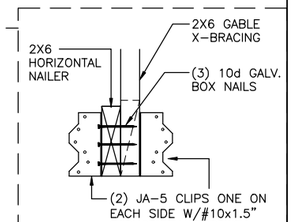


2X4 & 2X6 COLUMNS

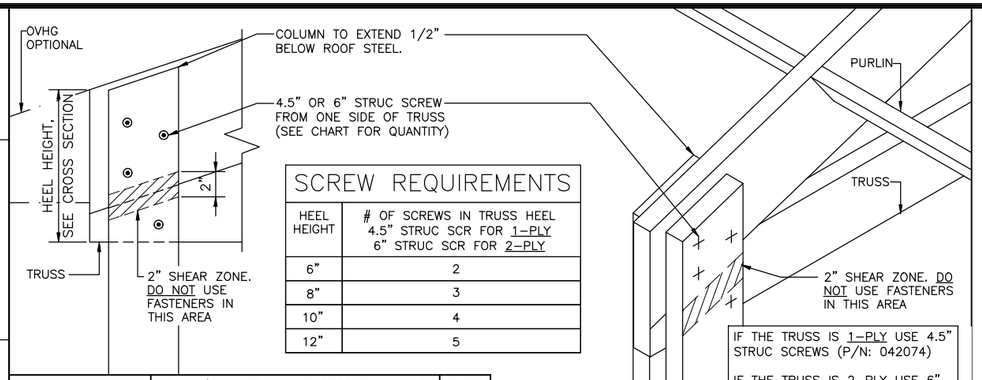


2X8 & LARGER COLUMNS





HB101	DIAGONAL GABLE X-BRACING CONNECTION STANDARD TRUSS BRACING 3/8"	12 R3

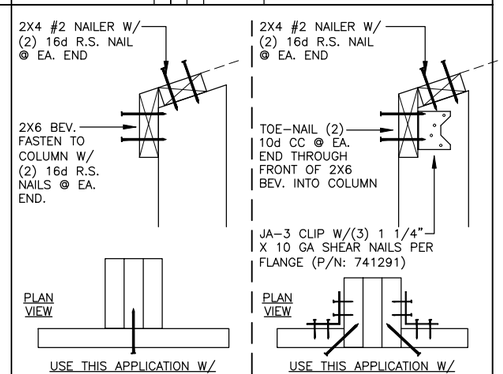


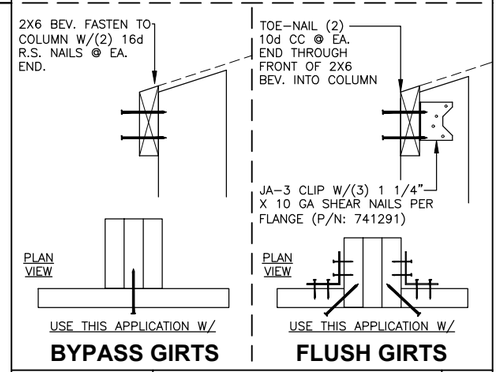
SCREW REQUIREMENTS	
HEEL HEIGHT	# OF SCREWS IN TRUSS HEEL 4.5" STRUC SCR FOR 1-PLY 6" STRUC SCR FOR 2-PLY
6"	2
8"	3
10"	4
12"	5

IF THE TRUSS IS 1-PLY USE 4.5" STRUC SCREWS (P/N: 042074)

IF THE TRUSS IS 2-PLY USE 6" STRUC SCREWS (P/N: 042076)

HD631	TRS W/FLUSH PURLINS TO COL *STANDARD* TRUSS TO COL CONN. 1.5"	48 R4



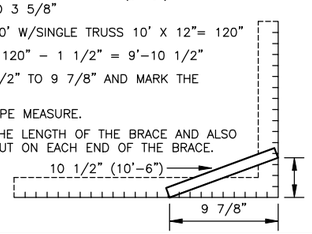


IF130	2x6 & 2x6/2X4 BEV EAVE NAILER CONN BEV EAVE NAILER CONN 1.5"	48 R6

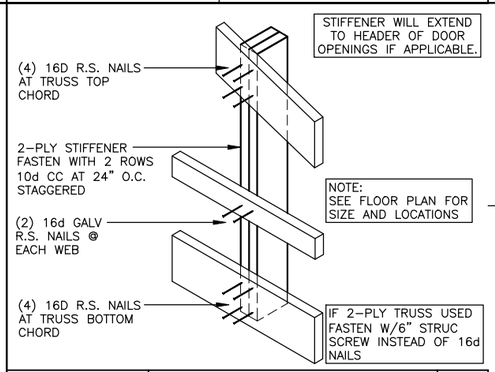
1. MEASURE THE RISE IN FEET AND INCHES.
2. SUBTRACT 6 INCHES FOR HEIGHT OF BRACE CUT.
3. MEASURE THE BAY WIDTH IN FEET AND INCHES. MEASURE FROM THE INSIDE FACE TO INSIDE FACE OF THE TRUSSES.
4. KEEP THESE TWO MEASUREMENTS IN MIND AND GET OUT YOUR RAFTER FRAMING SQUARE.
5. THINK OF THE INCHES ON YOUR SQUARE IN TERMS OF FEET AND FRACTIONS OF A FOOT.
   1" = 1'
   2" = 2'
   3" = 3' AND SO ON
   1/2" = 6"
   1/4" = 3" AND SO ON
6. MEASURE ACROSS THE SQUARE WITH THE BAY WIDTH.
7. MEASURE UP THE VERTICAL LEG OF THE SQUARE FOR THE TRUSS RISE
8. WITH THESE TWO POINTS MARKED ON YOUR SQUARE, USE A TAPE MEASURE TO MEASURE THE DIAGONAL.
9. THIS MEASUREMENT, WHEN THOUGHT OF AS FEET AND INCHES, WILL GIVE YOU THE LENGTH OF THE BRACE FROM THE LONG POINT TO THE SHORT POINT ON THE 2X6 BRACE.

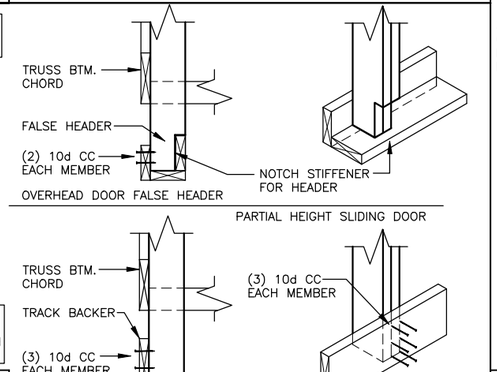
EXAMPLE: 10' BAY SPACING, 4/12 ROOF PITCH
BRACE 10' IN FROM SIDEWALL
10" HEEL ON TRUSS

1. 10 X 4" (4" RISE PER 1') = 40"
2. ADD 10" FOR HEEL HGT = 10"
3. SUBTRACT 6" FOR BRACE HGT = 6"
   44" (3'-8")
4. CONVERT 3'-8" TO 3 5/8"
5. BAY SPACING IS 10' W/SINGLE TRUSS 10' X 12"= 120"
6. SUBTRACT TRUSS: 120" - 1 1/2" = 9'-10 1/2"
7. CONVERT 9'-10 1/2" TO 9 7/8" AND MARK THE FRAMING SQUARE.
8. NOW READ THE TAPE MEASURE.
9. THIS GIVES YOU THE LENGTH OF THE BRACE AND ALSO THE ANGLES TO CUT ON EACH END OF THE BRACE.

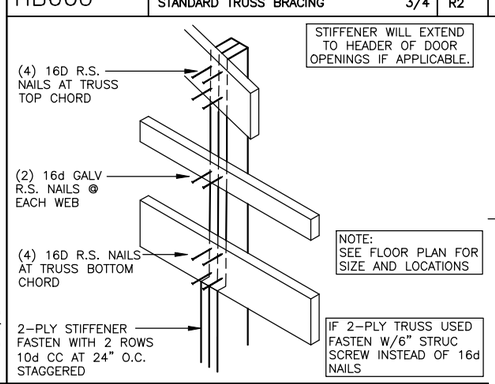


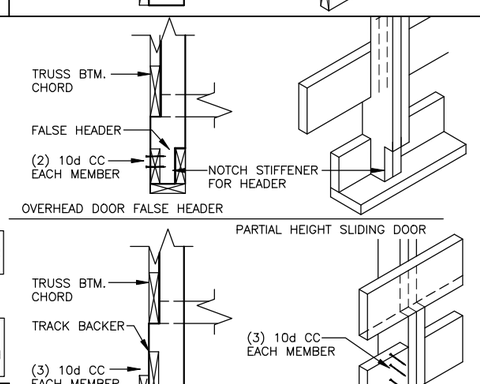
HB160	TRUSS DIAGONAL BRACE STEP BY STEP INSTRUCTIONS 3"	96 R1





HB660	VERTICAL STIFFENER BYPASS CONN - EW STANDARD TRUSS BRACING 3/4"	24 R2





HB661	VERTICAL STIFFENER FLUSH CONN - EW STANDARD TRUSS BRACING 3/4"	24 R0

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: Matthew Pjesky

Name: Matthew Pjesky

Date: 09-29-25 License Number: 61670

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DA003	ENG STAMP BOX - STRUCTURAL DESIGN FULL	384 R2

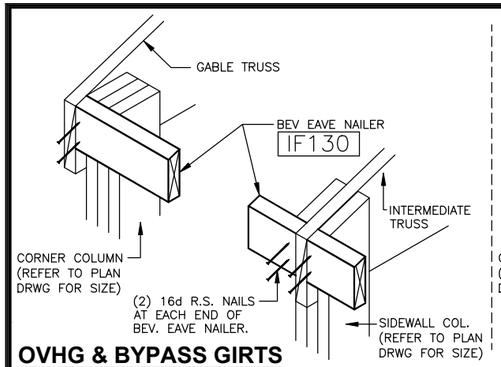
DATE: 9/29/2025
SHEET 10 OF 15
JOB-NUMBER 633954
DRWN BY: Amanda x5235
CHKD BY:
REV NO: 0

JOB DESCRIPTION: 30'x70'x20'

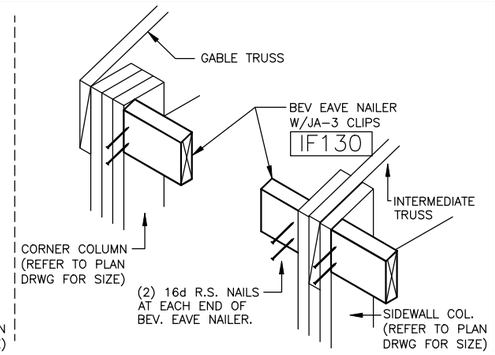
CUSTOMER:
R. Henry Construction, Inc.
101 Power Dr
Mankato, MN 56001

DEALER:
Jennifer Wight
25434 Cedar Lane
New Prague, MN 56071

LESTER BUILDING SYSTEMS, LLC.
TOLL-FREE: 800-826-4439
See Titleblock DRWN BY for Extension

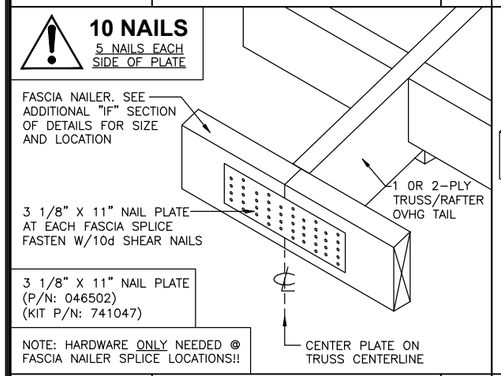


OVHG & BYPASS GIRTS



IF132	BEVELED EAVE NAILER TO COLUMN CONN. EAVE FASTENING – FLUSH PURLINS 1"	32 R2

10 NAILS
5 NAILS EACH SIDE OF PLATE

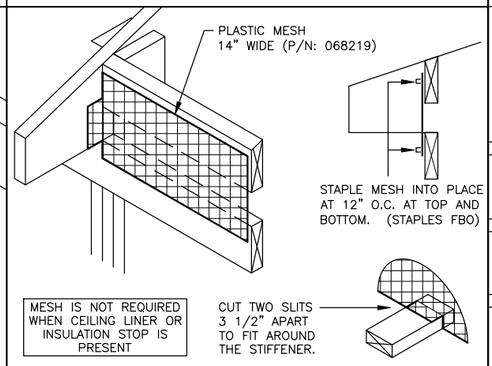


3 1/8" X 11" NAIL PLATE (P/N: 046502) (KIT P/N: 741047)

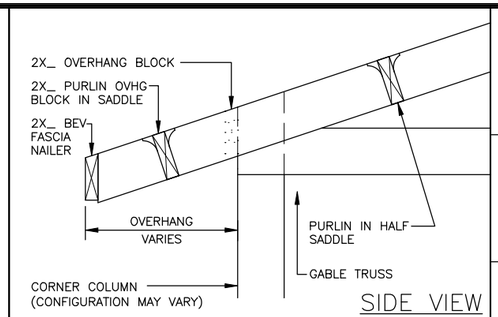
NOTE: HARDWARE ONLY NEEDED @ FASCIA NAILER SPLICE LOCATIONS!!

IF202	NAIL PLATE AT FASCIA NAILER W/10 NAILS DIAPHRAGM HARDWARE 1.5"	48 R4

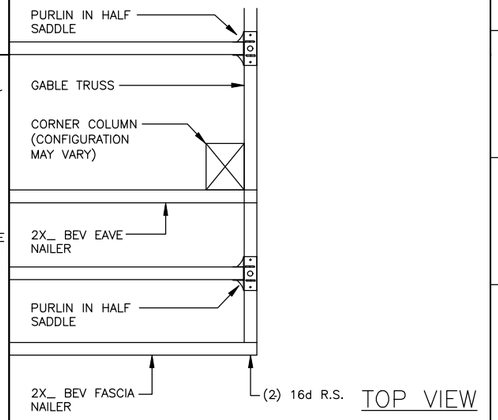
NO OVHG W/FLUSH GIRTS



IF261	14" PLASTIC MESH/NETTING INSTALLATION EAVE OVHG FRAMING 1"	32 R4

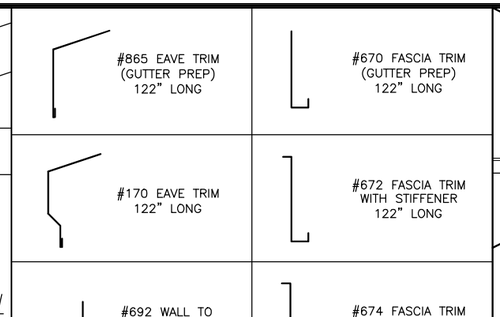


SIDE VIEW



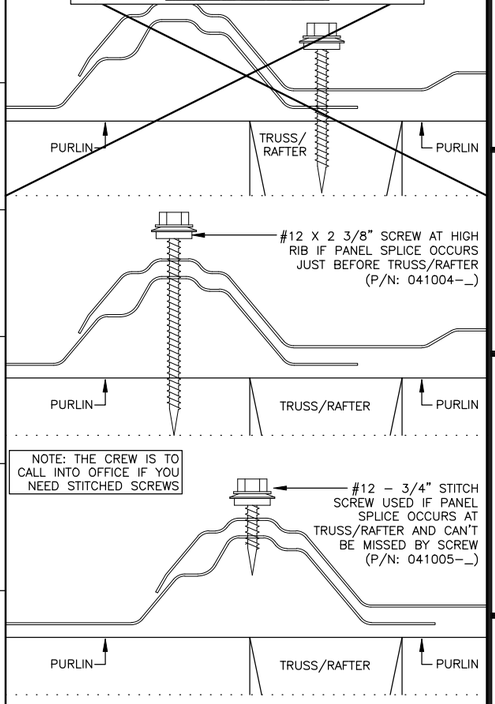
TOP VIEW

IF462	0" EW OVHG & SW OVHG W/PURLIN CORNER FRAMING – FLUSH PURLIN 1"	32 R1

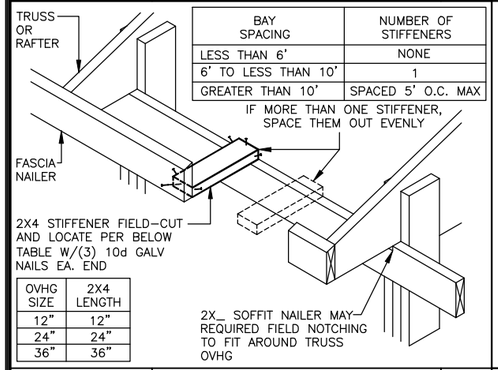


JF001	COMMON ROOF TRIM IDENTIFICATIONS UNI-RIB ROOF FINISH & FLASHING 2"	64 R0

!!! IMPORTANT !!!
DO NOT ATTACH ROOF PANELS TO TRUSSES/RAFTERS
ATTACH ONLY TO PURLINS



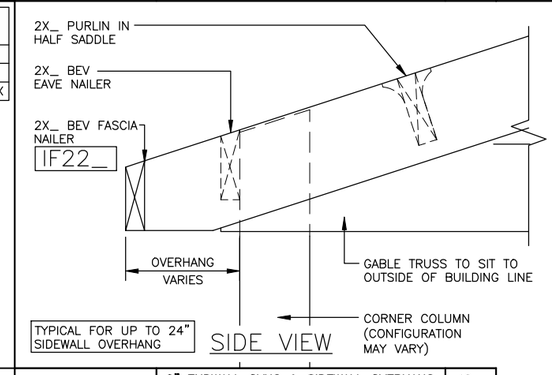
JF039	STITCH SCREW FASTENING ON ROOF UNI-RIB ROOF FINISH & FLASHING FULL	384 R2



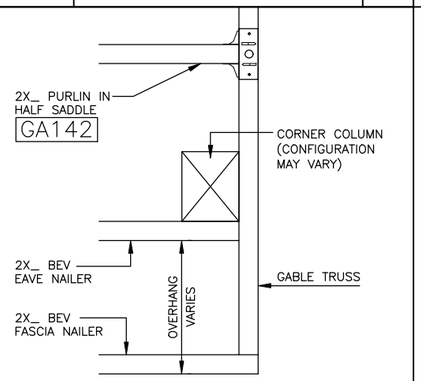
BAY SPACING	NUMBER OF STIFFENERS
LESS THAN 6'	NONE
6' TO LESS THAN 10'	1
GREATER THAN 10'	SPACED 5' O.C. MAX

OVHG SIZE	2X4 LENGTH
12"	12"
24"	24"
36"	36"

IF221	MID-BAY OVHG SOFFIT STIFFENER STANDARD EAVE FRAMING 3/4"	24 R3

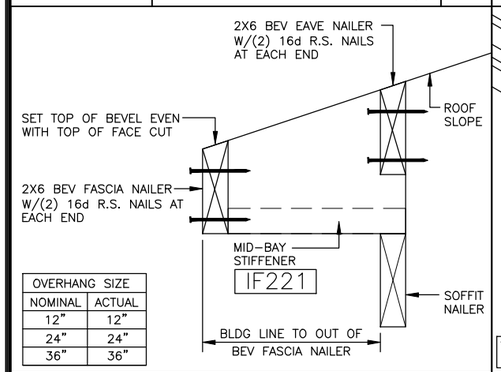


SIDE VIEW



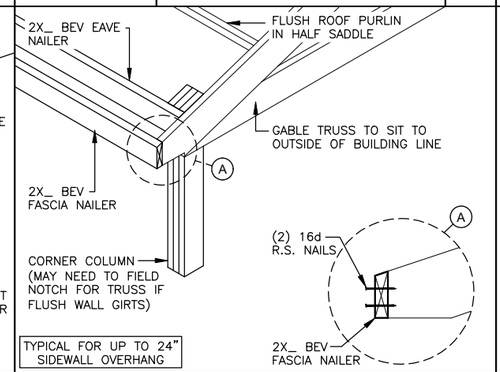
PLAN VIEW

IF402	0" ENDWALL OVHG & SIDEWALL OVERHANG CORNER FRAMING – FLUSH PURLIN 1.5"	48 R4

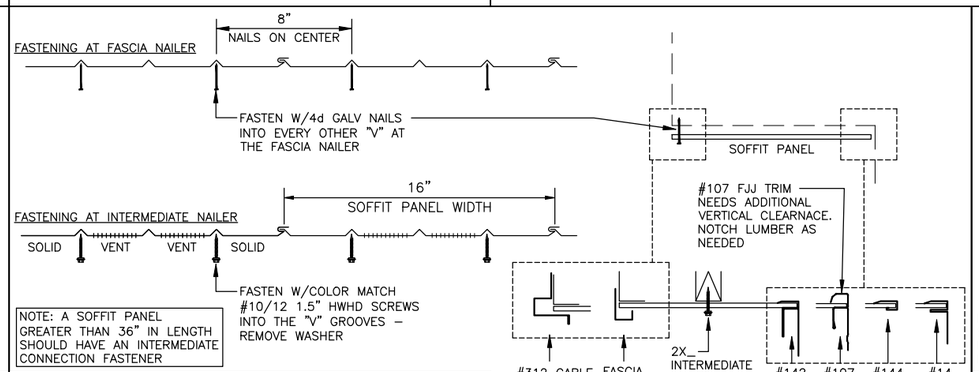


OVERHANG SIZE	
NOMINAL	ACTUAL
12"	12"
24"	24"
36"	36"

IF222	SW OVERHANG FRAMING – BYPASS GIRTS SW EAVE FRAMING – FLUSH PURLIN 2"	64 R1



IF403	0" ENDWALL OVHG & SIDEWALL OVHG (ISO) CORNER FRAMING – FLUSH PURLIN 1/2"	16 R3



IF642	COLORED METAL SOFFIT W/ FASTENERS OVERHANG SOFFIT CONNECTIONS 2"	64 R5

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: Matthew Pjesky

Name: Matthew Pjesky

Date: 09-29-25 License Number: 61670

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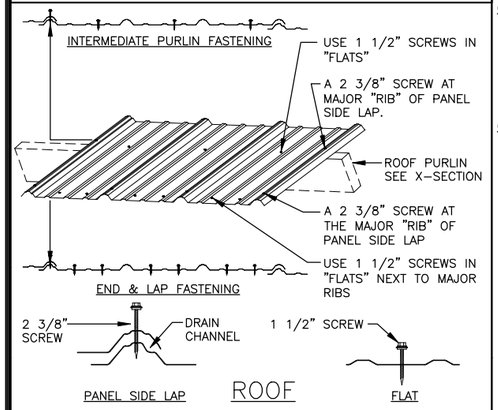
!!DO NOT ATTACH ROOF PANELS TO TRUSS/RAFTER!!
ATTACH ONLY TO PURLINS JF039

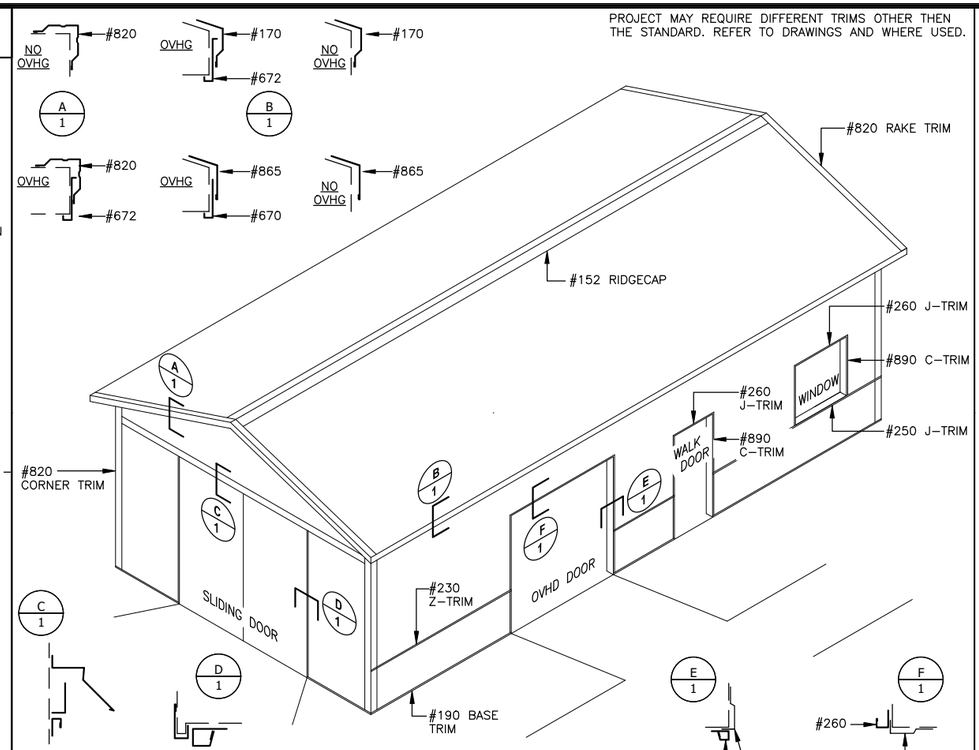


APPLICATION OF UNI-RIB PANELS WITH SCREWS

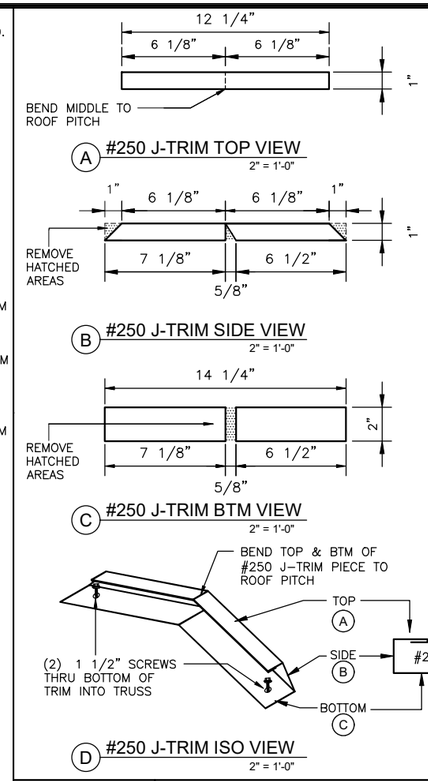
* USE 1 1/2" HWH EPDM AT "FLATS" OF PANEL. DO NOT OVER TIGHTEN. (P/N: 041003 W/SUFFIX RANGE)
* USE 2 3/8" HWH EPDM AT MAJOR "RIB" OF PANEL. DO NOT OVER TIGHTEN. (P/N: 041004 W/SUFFIX RANGE)
* AT PANEL LAP SPLICES AND AT THE ENDS, LOCATE SCREWS IN "FLATS" NEXT TO MAJOR RIBS, AND ON MAJOR "RIB" OF PANEL SIDE LAP.
* PROVIDE A MINIMUM GAP OF 1/8" BETWEEN ANY HORIZONTAL SURFACE AND THE BOTTOM OF THE UNI-RIB PANEL
* PRIOR TO PANEL APPLICATION, AVOID WALKING ON MAJOR "RIBS" IN ORDER TO PREVENT DAMAGE.
* IF RIGID INSULATION UP TO 1" THICK, INCREASED SCREW LENGTH BY THE THICKNESS OF THE INSULATION W/INCREMENTS OF 1/2"

JF044	SCREW FASTENING PATTERN UNI-RIB ROOF FINISH & FLASHING 3/4"	24 R7

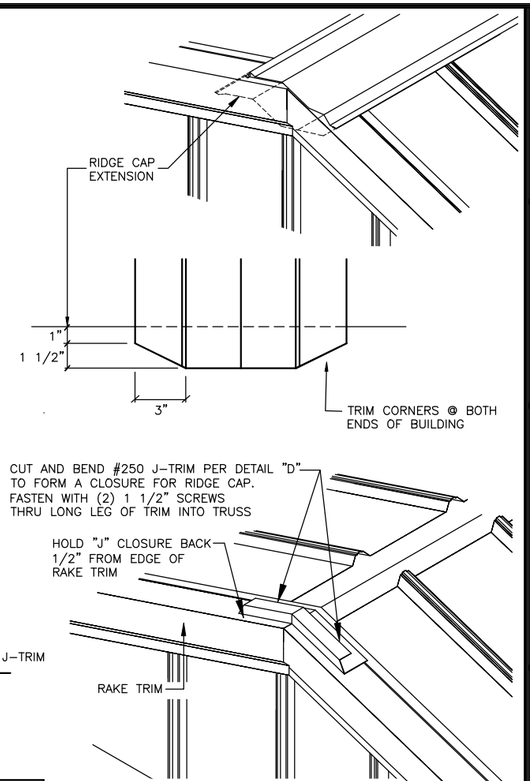
PROJECT MAY REQUIRE DIFFERENT TRIMS OTHER THEN THE STANDARD. REFER TO DRAWINGS AND WHERE USED.

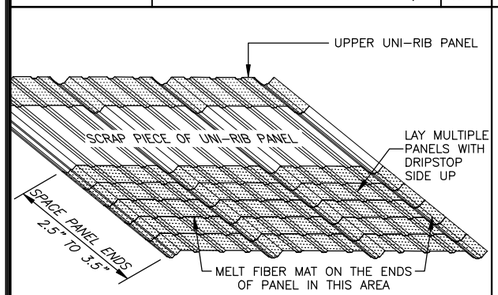


JF086	STANDARD TRIM LOCATIONS UNI-RIB ROOF FINISH & FLASHING 1/4"	64 R6



JF707	GABLE END CLOSURE ON GABLE ROOF RIDGECAP END CONDITION 2"	64 R4





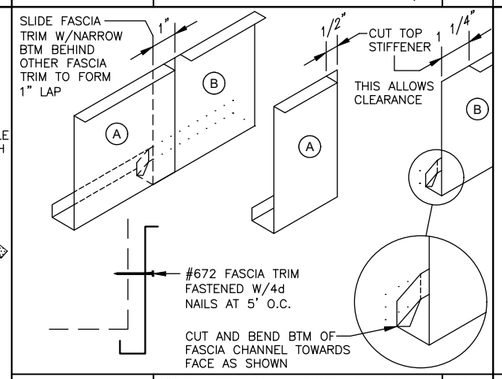
APPLICATION OF MELTING DRIPSTOP ON UNI-RIB PANELS

(MELT MULTIPLE PANELS AT ONE TIME)

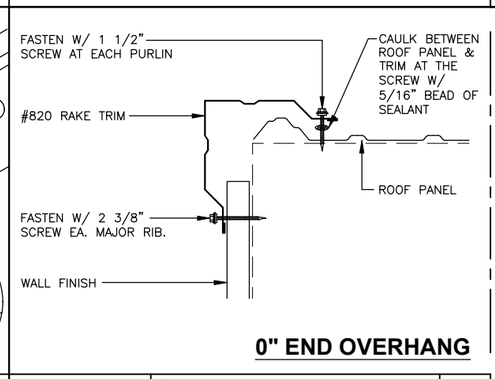
* PREPARE PANELS BY LAYING MULTIPLE UNI-RIB PANELS W/DRIPSTOP SIDE UP. REMEMBER TO LAY THEM IN A WAY TO NOT SCRATCH THE PAINTED SIDE.
* SPACE THE BOTTOM END OF EACH PANEL 2.5" TO 3.5" APART FROM EACH OTHER.
* USE A SCRAP PIECE OF UNI-RIB ON TOP ON THE UPPER PANEL.
* USE AN ELECTRICAL/GAS HEATER CCA. 650° C. AND MELT THE BOTTOM END OF ALL PANELS SUCH THAT THE FIBER MAT CONSOLIDATED AND THE PORES ARE ELIMINATED. THE FIBER MAT WILL MELT WITHIN SECONDS.

THE FIBER MAT OF DRIPSTOP CAN WICK WATER UP THE UNDERSIDE OF THE PANEL ANY TIME THE EDGE OF THE PANEL IS EXPOSED TO WATER. THIS OCCURS AT THE EAVE AND AT THE END LAP SPLICES. MELTING THE FIBER MAT ELIMINATES THE SMALL PORES THAT ALLOW WATER TO BE PULLED INTO THE MATERIAL.

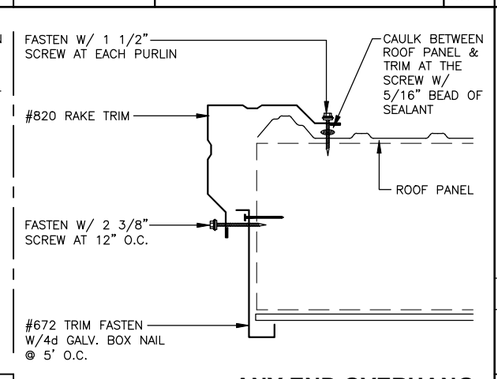
JF050	DRIPSTOP MELTING APPLICATION UNI-RIB ROOF FINISH & FLASHING 1/2"	16 R2

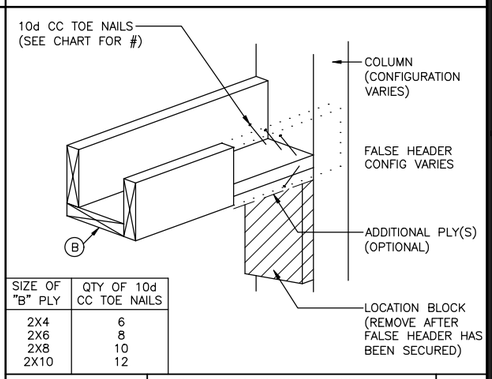


JF153	#672 FASCIA TRIM – SPLICE CONNECTION ROOF FINISH & FLASHING 3"	96 R1



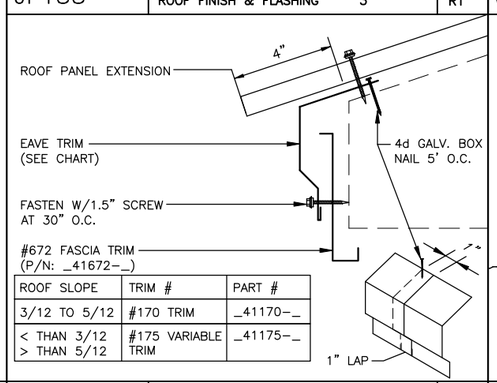
JF330	#820 RAKE TRIM CONNECTION UNI-RIB ROOF FINISH & FLASHING 3"	96 R5





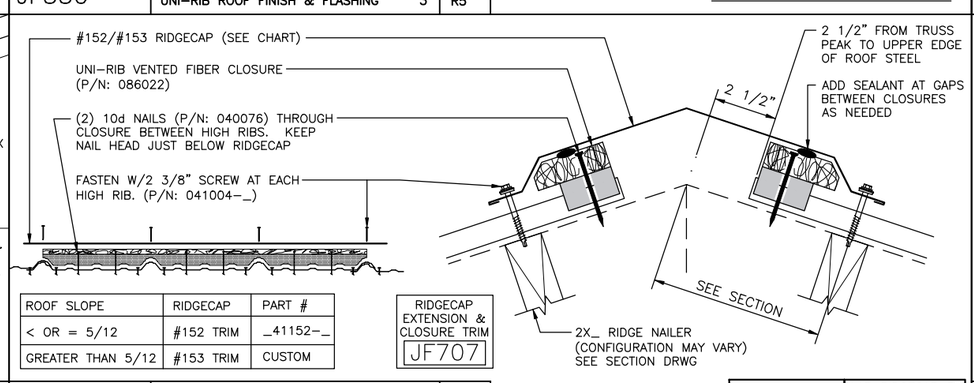
SIZE OF "B" PLY	QTY OF 10d CC TOE NAILS
2X4	6
2X6	8
2X8	10
2X10	12

LK247	FALSE HEADER TO COLUMN CONN. HEADER FRAMING 1"	32 R1



ROOF SLOPE	TRIM #	PART #
3/12 TO 5/12	#170 TRIM	_41170-_
< THAN 3/12 > THAN 5/12	#175 VARIABLE TRIM	_41175-_

JF154	SW OVERHANG W/#170 EAVE TRIM UNI-RIB ROOF FINISH & FLASHING 3"	96 R9



ROOF SLOPE	RIDGECAP	PART #
< OR = 5/12	#152 TRIM	_41152-_
GREATER THAN 5/12	#153 TRIM	CUSTOM

RIDGECAP EXTENSION & CLOSURE TRIM JF707

JF708	CONTINUOUS VENTED RIDGE – GABLE ROOF UNI-RIB ROOF VENTILATION 3"	96 R8

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

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Name: Matthew Pjesky

Date: 09-29-25 License Number: 61670

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USE SEALANT AT ALL SPLICES	LAP RIDGECAP 5" AT ALL SPLICES

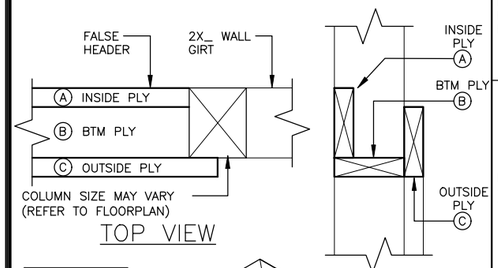
DA003	ENG STAMP BOX – STRUCTURAL DESIGN FULL	384 R2

DATE: 9/29/2025
SHEET 12 OF 15
JOB-NUMBER 633954
DRWN BY: Amanda x5235
CHKD BY: .
REV NO: 0
JOB DESCRIPTION: 30'x70'x20' . .

CUSTOMER:
R. Henry Construction, Inc.
101 Power Dr
Mankato, MN 56001

DEALER:
Jennifer Wight
25434 Cedar Lane
New Prague, MN 56071

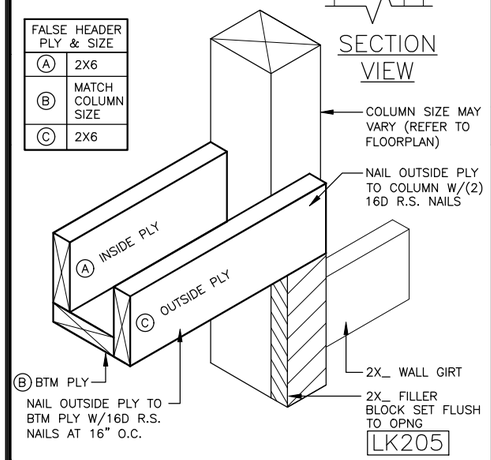
LESTER BUILDING SYSTEMS, LLC.
TOLL-FREE: 800-826-4439
See Titleblock DRWN BY for Extension



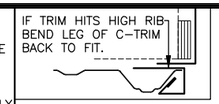
TOP VIEW

SECTION VIEW

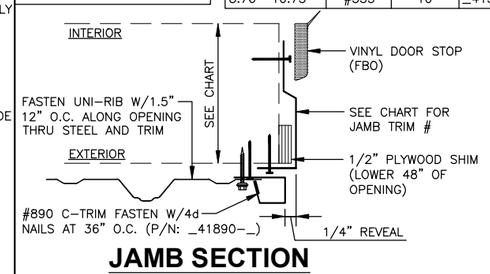
FALSE HEADER PLY & SIZE	
A	2X6
B	MATCH COLUMN SIZE
C	2X6



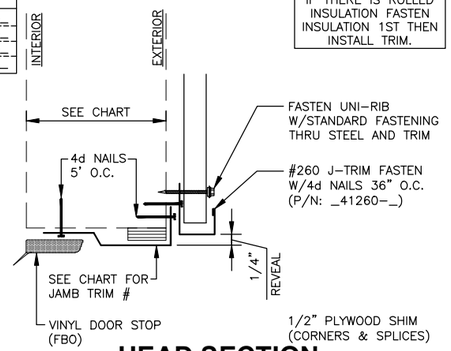
LK205



JAMB DEPTH	TRIM STYLE	TRIM LEG DEPTH	PART #
4"–5.5"	#522	5"	_41522–_
5.51"–7.75"	#512	7"	_41512–_
7.76"–8.75"	#552	8"	_41552–_
8.76"–10.75"	#555	10"	_41555–_

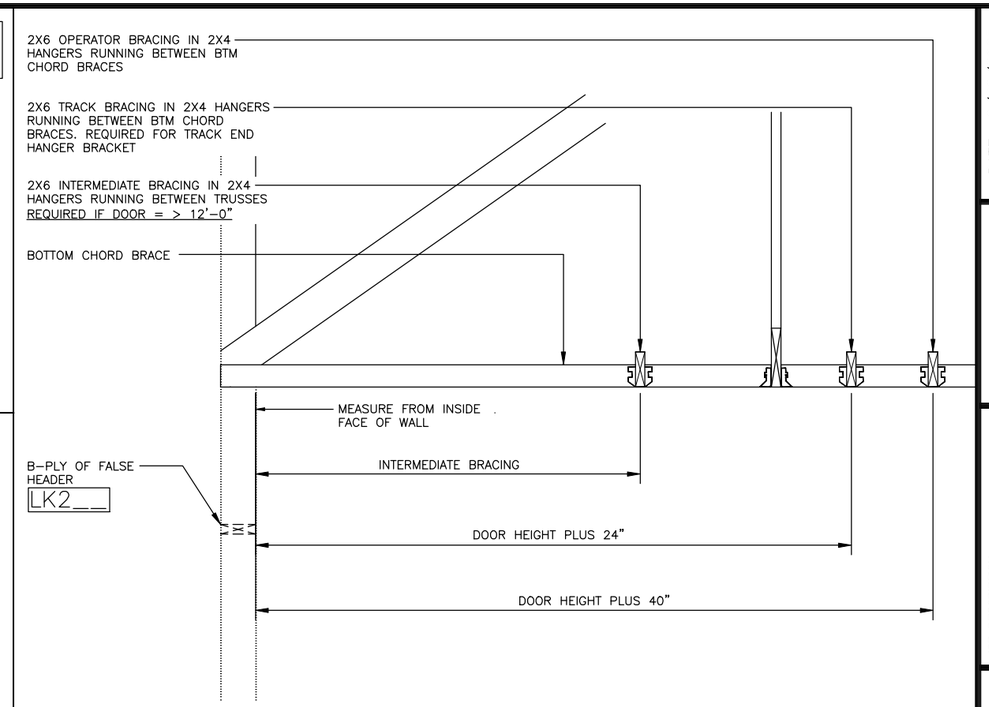


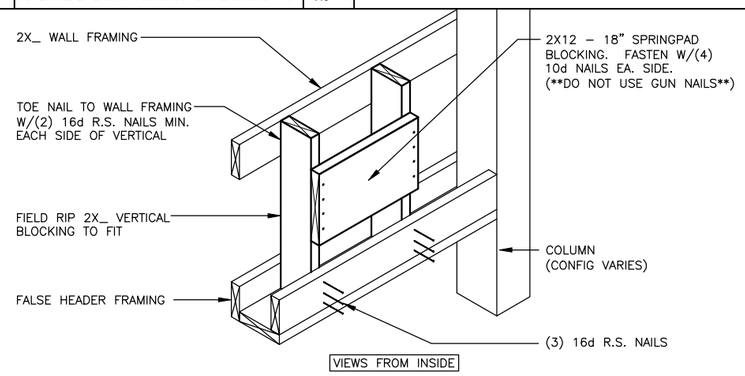
JAMB SECTION



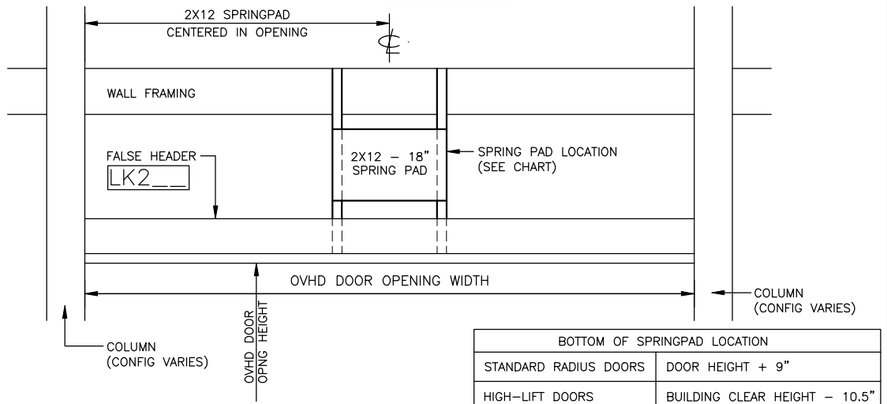
HEAD SECTION

LK424	DOOR OPNG TRIM – EXTERIOR UNI–RIB OVERHEAD DOOR FRAMING & FLASHING 3"	96 R5





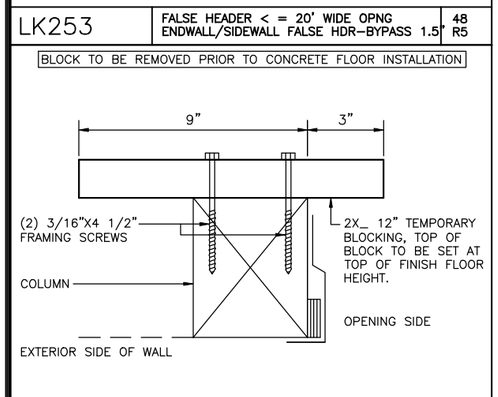
VIEWS FROM INSIDE



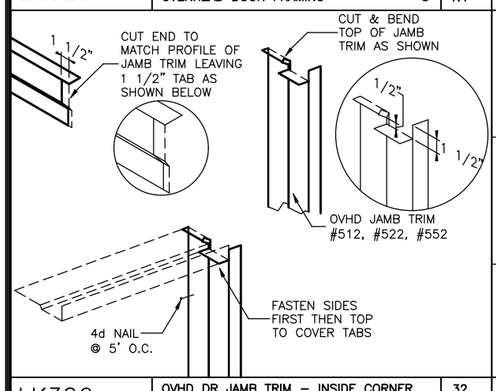
BOTTOM OF SPRINGPAD LOCATION	
STANDARD RADIUS DOORS	DOOR HEIGHT + 9"
HIGH–LIFT DOORS	BUILDING CLEAR HEIGHT – 10.5"
FULL VERTICAL DOORS	2 X DOOR HEIGHT

LK623	STANDARD RADIUS TRACK BRACING – EW OVERHEAD DOOR FRAMING 3/4"	24 R3

OVERHEAD DOOR IN ENDWALL



LK325	2X_ TEMPORARY DOOR SUPPORT OVERHEAD DOOR FRAMING 3"	96 R4

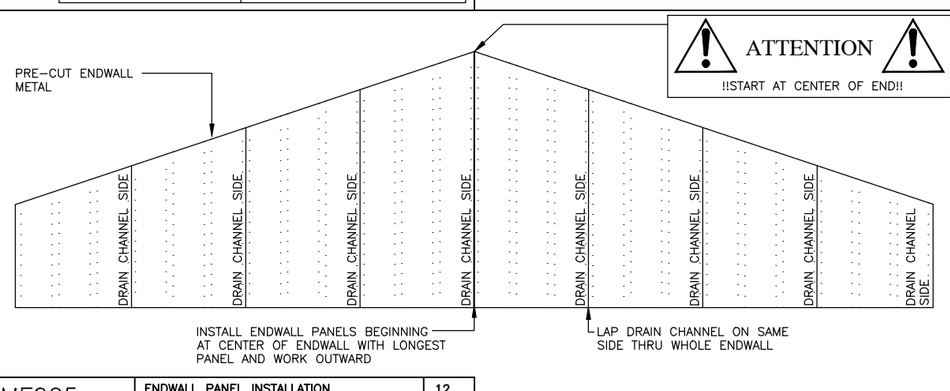


LK326	OVHD DR JAMB TRIM – INSIDE CORNER METAL FLASHINGS FIELD WORK 1	32 R0

LK621	SPRINGPAD LOCATION <=16' DOOR OPNG. OVERHEAD DOOR FRAMING 3/4"	24 R7

#190 BASE TRIM 122" LONG	#312 BTM CLOSURE 122" LONG	#820 RAKE/CORNER 183" LONG 244" LONG
#250 J–TRIM 122" LONG	#260 J–TRIM 122" LONG 198" LONG	#270 3.5" L–TRIM #510 7" L–TRIM #520 5" L–TRIM #550 8.5" L–TRIM 122" LONG
#890 C–TRIM 170" LONG 244" LONG	#230 Z–TRIM 122" LONG	#512 7" JAMB TRIM #522 5" JAMB TRIM #552 8" JAMB TRIM #555 10" JAMB TRIM 122" LONG

MF001	COMMON WALL TRIM IDENTIFICATIONS UNI–RIB ROOF FLASHING 2"	64 R0



MF005	ENDWALL PANEL INSTALLATION UNI–RIB WALL PANELS 3/8"	12 R1

ATTENTION
!!START AT CENTER OF END!!

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: Matthew Pjesky

Name: Matthew Pjesky

Date: 09-29-25 License Number: 61670

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DATE: 9/29/2025

JOB–NUMBER 633954

SHEET 13 OF 15

DRWN BY: Amanda x5235

CHKD BY:

REV NO: 0

JOB DESCRIPTION: 30'x70'x20'

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DEALER: Jennifer Wight 25434 Cedar Lane New Prague, MN 56071

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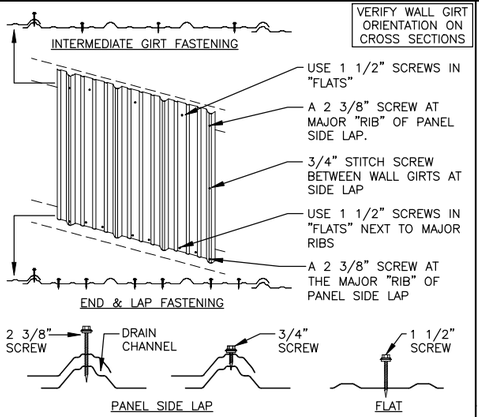
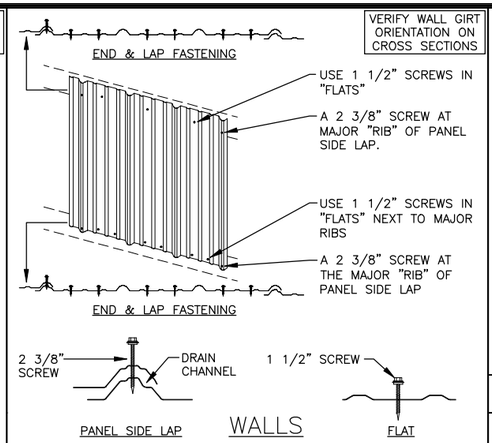


WALLS

APPLICATION OF UNI–RIB PANELS WITH SCREWS

* USE 1 1/2" HWH EPDM AT "FLATS" OF PANEL. DO NOT OVER TIGHTEN. (P/N: 041003 W/SUFFIX RANGE)
* USE 2 3/8" HWH EPDM AT MAJOR "RIB" OF PANEL. DO NOT OVER TIGHTEN. (P/N: 041004 W/SUFFIX RANGE)
* USE 3/4" HWH EPDM STITCH SCREW BETWEEN WALL GIRTS AT AT ALL LAP JOINTS. (P/N: 041005 W/SUFFIX RANGE)
* AT INTERMEDIATE GIRT CONNECTIONS, LOCATE SCREWS INSIDE "FLATS", AND AT THE MAJOR "RIB" OF PANEL.
* AT PANEL LAP SPLICES AND AT THE ENDS, LOCATE SCREWS IN "FLATS" NEXT TO MAJOR RIBS, AND ON MAJOR "RIB" OF PANEL SIDE LAP.
* PROVIDE A MINIMUM GAP OF 1/8" BETWEEN ANY HORIZONTAL SURFACE AND THE BOTTOM OF THE UNI–RIB PANEL

MF043	(1) STITCH SCR FASTENING PATTERN UNI–RIB WALLS FINISH & FLASHING 3/4"	24 R3

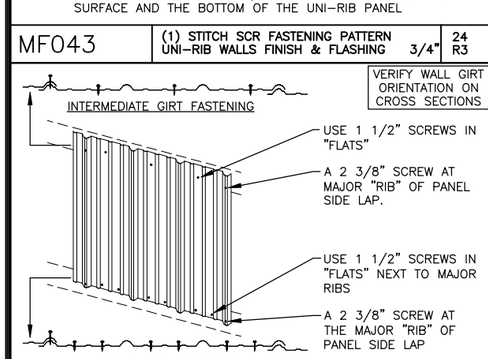


CAULK SIDE LAPS IF THERMO–EAVE LITE PANELS ARE BEING INSTALLED

APPLICATION OF UNI–RIB ACRYLIT PANELS WITH SCREWS

* USE 1 1/2" HWH EPDM AT "FLATS" OF PANEL. DO NOT OVER TIGHTEN. (P/N: 041003–100)
* USE 2 3/8" HWH EPDM AT MAJOR "RIB" OF PANEL. DO NOT OVER TIGHTEN. (P/N: 041004–100)
* AT INTERMEDIATE GIRT CONNECTIONS, LOCATE SCREWS INSIDE "FLATS", AND AT THE MAJOR "RIB" OF PANEL.
* AT PANEL LAP SPLICES AND AT THE ENDS, LOCATE SCREWS IN "FLATS" NEXT TO MAJOR RIBS, AND ON MAJOR "RIB" OF PANEL SIDE LAP.
* PROVIDE A MINIMUM GAP OF 1/8" BETWEEN ANY HORIZONTAL SURFACE AND THE BOTTOM OF THE UNI–RIB PANEL
* PRIOR TO PANEL APPLICATION, AVOID WALKING ON MAJOR "RIBS" IN ORDER TO PREVENT DAMAGE.

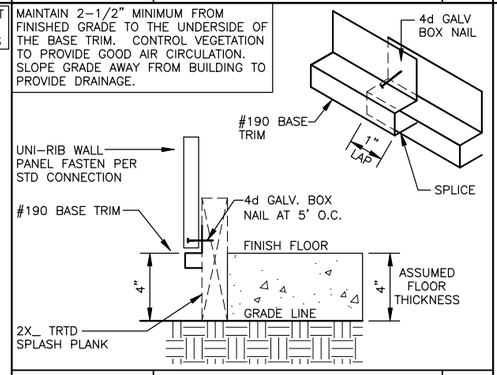
MF045	EAVE ACRYLIT SCREW FASTENING PATTERN UNI–RIB WALLS FINISH & FLASHING 3/4"	24 R6



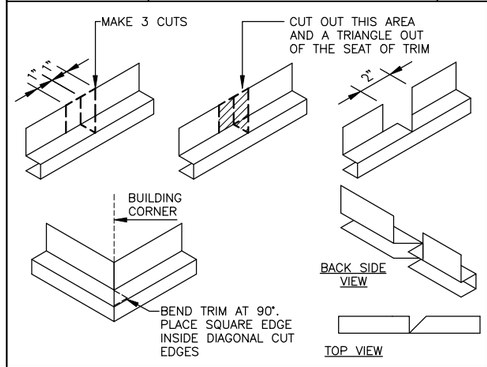
APPLICATION OF UNI–RIB PANELS WITH SCREWS

* USE 1 1/2" HWH EPDM AT "FLATS" OF PANEL. DO NOT OVER TIGHTEN. (P/N: 041003 W/SUFFIX RANGE)
* USE 2 3/8" HWH EPDM AT MAJOR "RIB" OF PANEL. DO NOT OVER TIGHTEN. (P/N: 041004 W/SUFFIX RANGE)
* AT INTERMEDIATE GIRT CONNECTIONS, LOCATE SCREWS INSIDE "FLATS", AND AT THE MAJOR "RIB" OF PANEL.
* AT PANEL LAP SPLICES AND AT THE ENDS, LOCATE SCREWS IN "FLATS" NEXT TO MAJOR RIBS, AND ON MAJOR "RIB" OF PANEL SIDE LAP.
* PROVIDE A MINIMUM GAP OF 1/8" BETWEEN ANY HORIZONTAL SURFACE AND THE BOTTOM OF THE UNI–RIB PANEL
* PRIOR TO PANEL APPLICATION, AVOID WALKING ON MAJOR "RIBS" IN ORDER TO PREVENT DAMAGE.

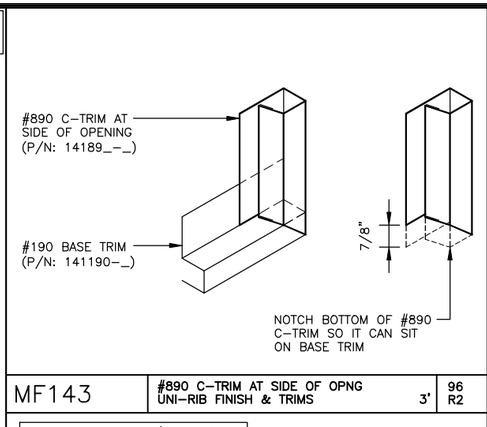
MF044	SCREW FASTENING PATTERN UNI–RIB WALLS FINISH & FLASHING 3/4"	24 R5



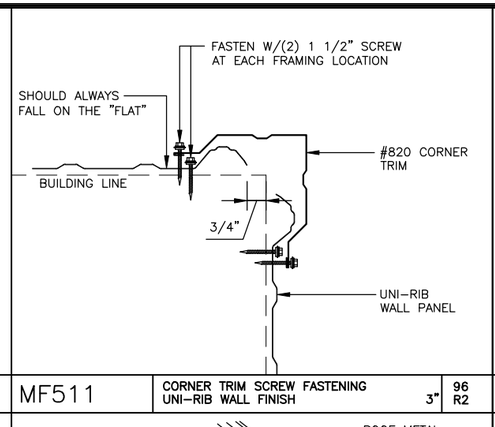
MF113	#190 BASE TRIM TO TRTD SPLASH PLANK BASE TRIM PLACEMENT (UNI–I) 2"	64 R2



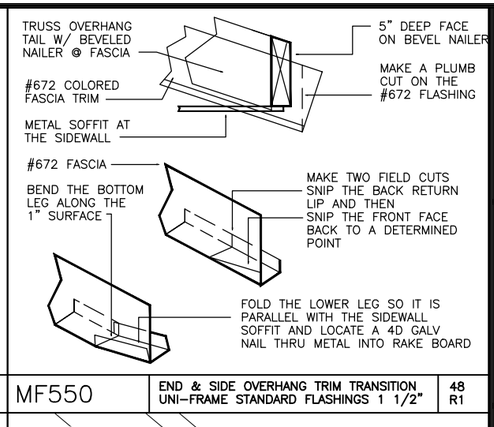
MF142	#190 BASE TRIM AT CORNER OF BLDG UNI–RIB WALL FINISH & FLASHING 2"	64 R1



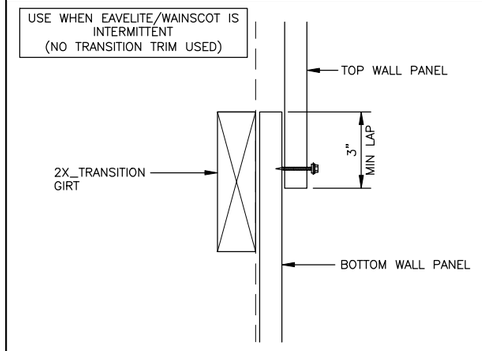
MF143	#890 C–TRIM AT SIDE OF OPNG UNI–RIB FINISH & TRIMS 3'	96 R2



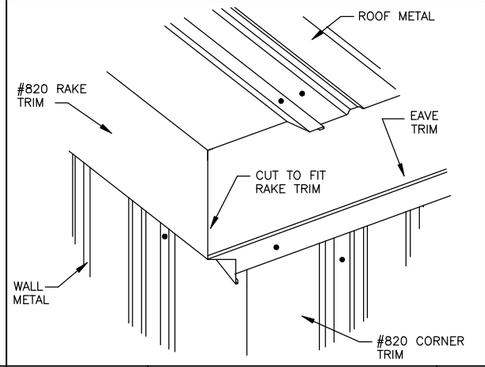
MF511	CORNER TRIM SCREW FASTENING UNI–RIB WALL FINISH 3"	96 R2



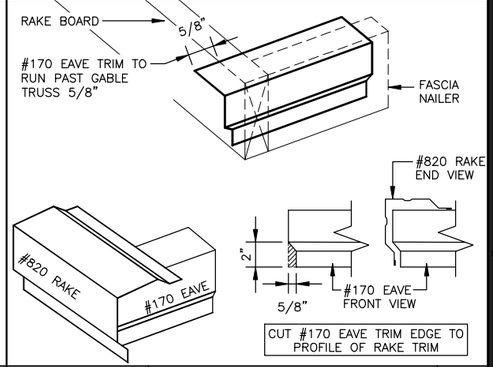
MF550	END & SIDE OVERHANG TRIM TRANSITION UNI–FRAME STANDARD FLASHINGS 1 1/2"	48 R1



MF344	WALL PANEL LAP – EAVELITE/WAINSCOT UNI–RIB WALL PANEL & TRIM 3"	96 R2

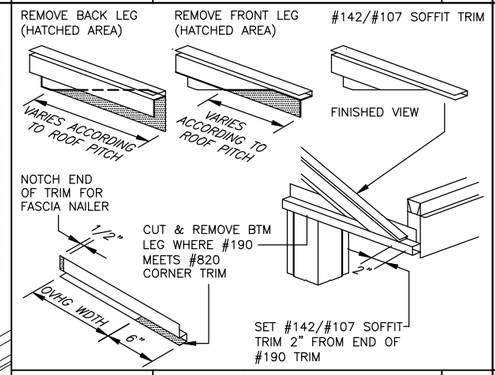


MF530	TRIM CONFIG AT EAVE LINE CORNER WALL METAL & TRIM FASTENING 3/4"=1	24 R3

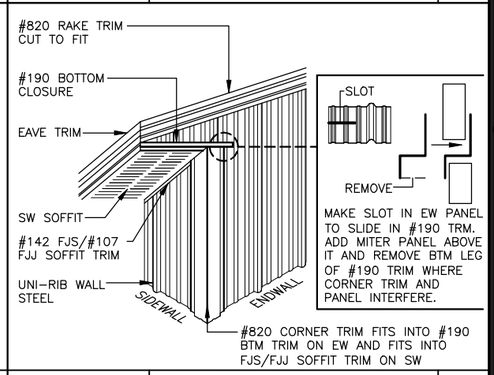


MF551	#170 EAVE TRIM – CORNER – OVERHANG UNI–RIB WALL PANEL & TRIMS 1.5"	48 R1

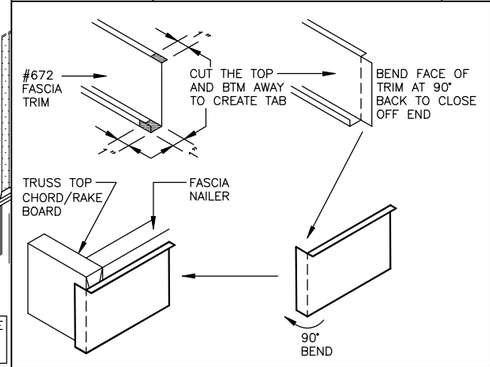
MF359	EAVE LITE ON SIDEWALL – OVERHANG UNI–RIB WALL PANEL & TRIMS 3/4"	24 R5



MF548	TRIM AT SW/EW CORNER OVHG UNI–RIB WALL FINISH & FLASHING	32 R2



MF562	0" ENDWALL OVHG – SIDEWALL OVHG UNI–RIB WALL PANEL & TRIMS 1/2"	16 R7



MF549	#672 FASCIA TRIM ON SW OVHG CORNER UNI–RIB WALL FINISH & FLASHING 1.5"	48 R1

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: Matthew Pjesky

Name: Matthew Pjesky

Date: 09-29-25 License Number: 61670

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DA003	ENG STAMP BOX – STRUCTURAL DESIGN FULL	384 R2

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SHEET 14 OF 15
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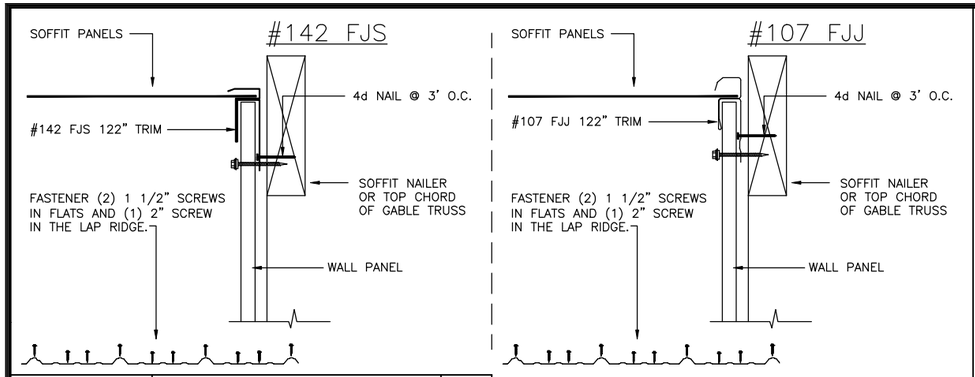
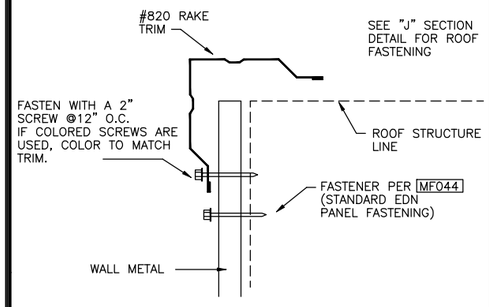
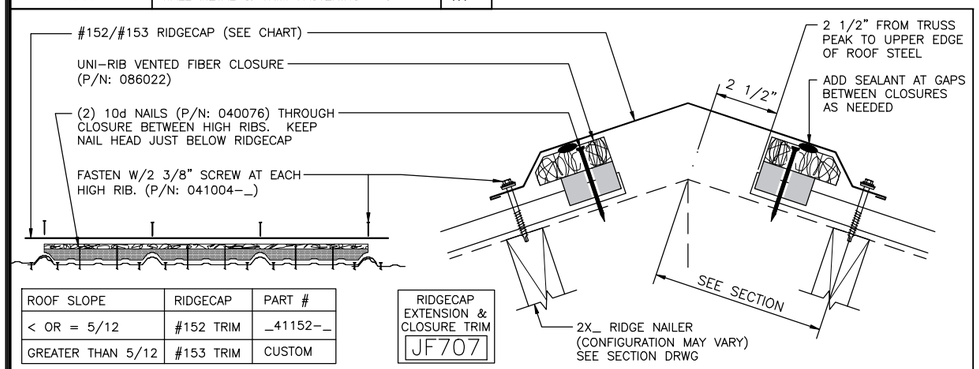


MF724	"F" TRIM AT SOFFIT STEEL SIDING & TRIM FASTENING 3"	96 R4



MF738	#820 RAKE TRIM TO WALL METAL WALL METAL & TRIM FASTENING 3"	96 R4



ROOF SLOPE	RIDGECAP	PART #
< OR = 5/12	#152 TRIM	_41152-_
GREATER THAN 5/12	#153 TRIM	CUSTOM

RIDGECAP EXTENSION & CLOSURE TRIM: JF707

OA050	CONTINUOUS VENTED RIDGE – GABLE ROOF UNI-RIB ROOF VENTILATION 3"	96 R8

USE SEALANT AT ALL SPLICES | LAP RIDGECAP 5" AT ALL SPLICES

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