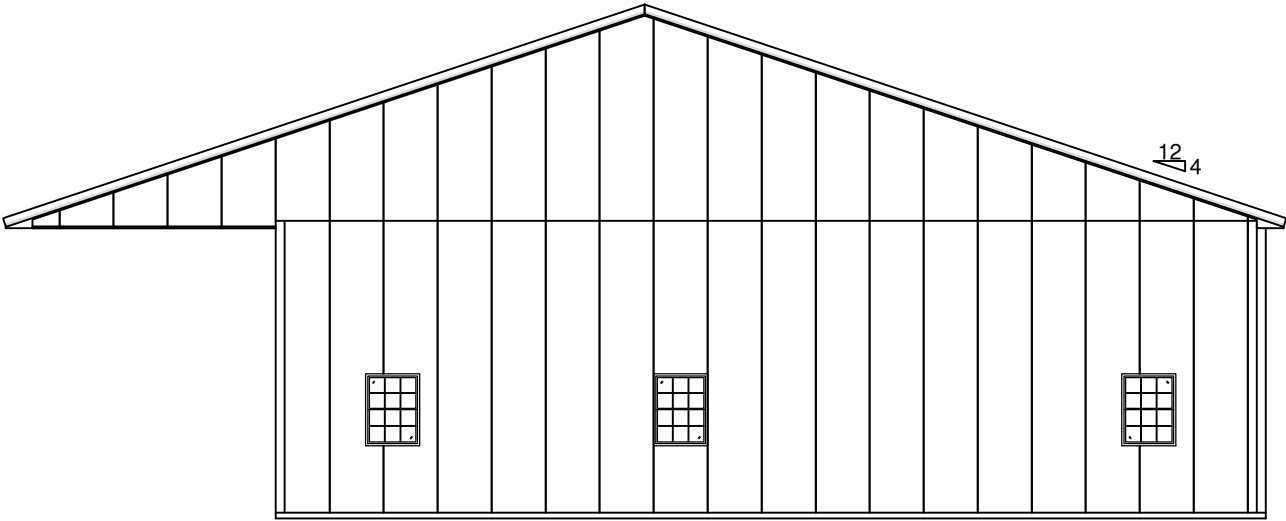


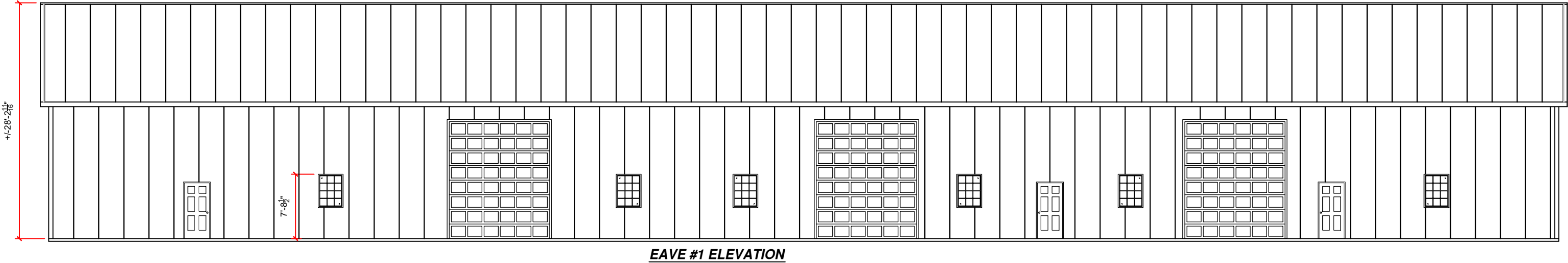
GABLE #1 ELEVATION



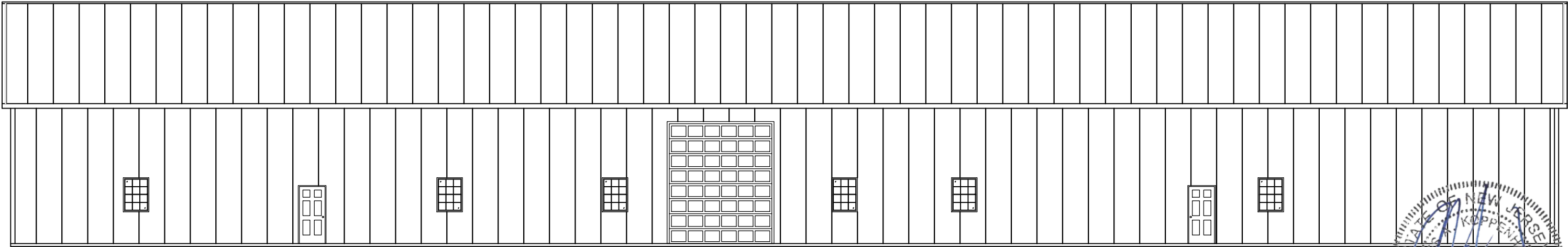
GABLE #2 ELEVATION



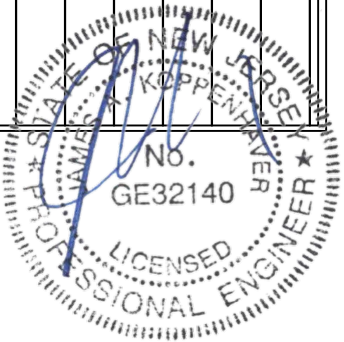
Revisions:	5/09/2023: REVISED PER CONTRACT CHANGE #006. (RCE)	PPB. Inc. Pioneer Pole Buildings, Inc. 716 South Rt. 183 Schuylkill Haven, PA 17972 1-888-448-2505 Toll Free	JOB SITE ADDRESS: 193 ROUTE 206 FLANDERS, NJ 07836	CUSTOMER ADDRESS: JOE WRIGHT 15 HILLARY TERRACE SUCCASUNNA, NJ 07876 H: 570-807-6109	James A. Koppenhaver, P.E. 575 Van Reed Rd. Wyomissing, PA19610 484-794-9949 koppenhaverpe@gmail.com	DATE: 05/03/2022
					SHEET: Elevations A	
					BUILDING SIZE: 55x181x16'-4"	
					DRAWN BY: Josh Day	Job Number:
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EAVE #1 ELEVATION

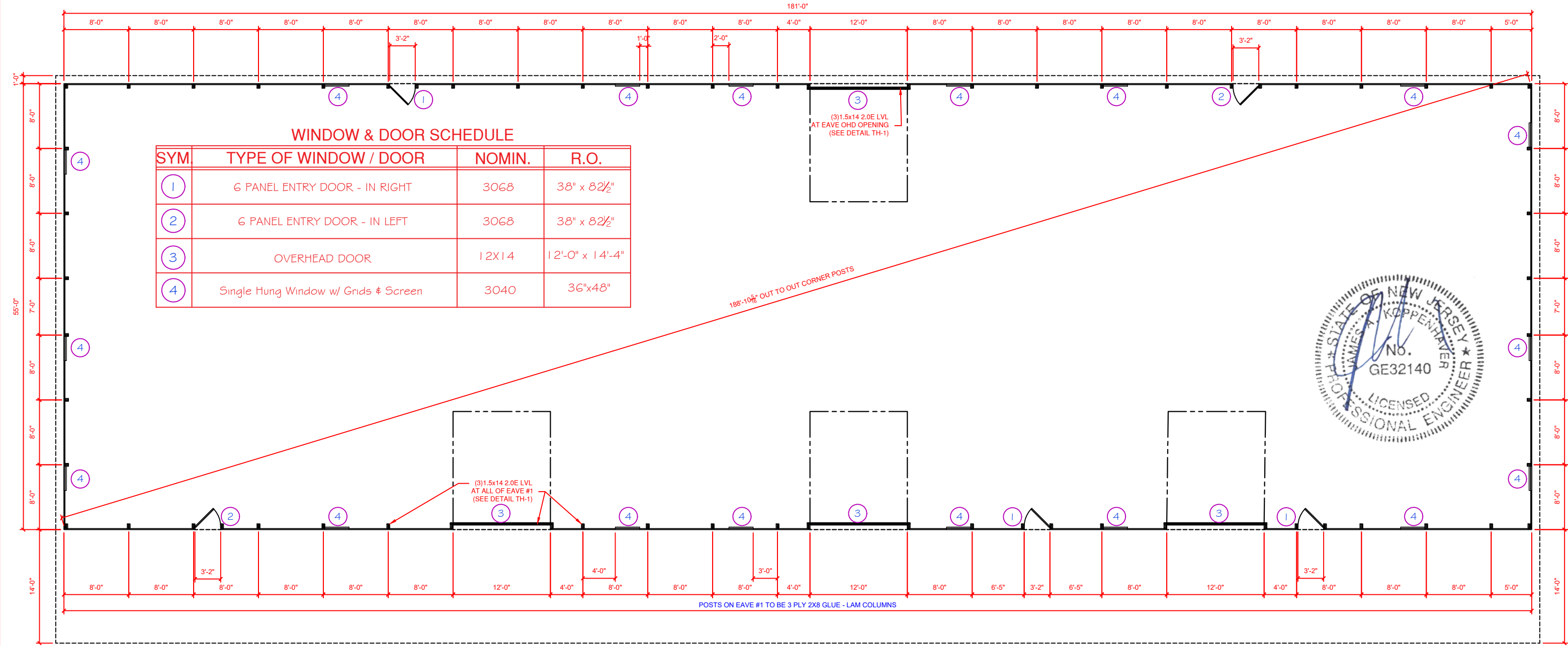


EAVE #2 ELEVATION



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					<div>SHEET:</div> <div>Elevations B</div>	
					<div>BUILDING SIZE:</div> <div>55x181x16'-4"</div>	
					<div>DRAWN BY:</div> <div>Josh Day</div>	<div>Job Number:</div> <div>WRIGHT-001</div>
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WINDOW & DOOR SCHEDULE			
SYM	TYPE OF WINDOW / DOOR	NOMIN.	R.O.
1	6 PANEL ENTRY DOOR - IN RIGHT	3068	38" x 82½"
2	6 PANEL ENTRY DOOR - IN LEFT	3068	38" x 82½"
3	OVERHEAD DOOR	12X14	12'-0" x 14'-4"
4	Single Hung Window w/ Grids & Screen	3040	36"x48"



Revisions:

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PPB. Inc.

Pioneer Pole Buildings, Inc.
716 South Rt. 183
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Wyomissing, PA19610
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koppenhaverpe@gmail.com

DATE:

05/03/2022

SHEET:

POLE PLAN

BUILDING SIZE:

55x181x16'-4"

DRAWN BY:

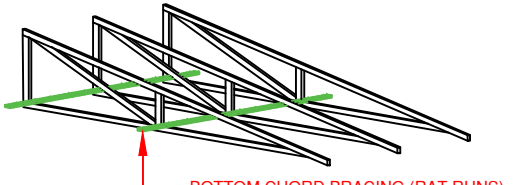
Josh Day

CHECKED BY:

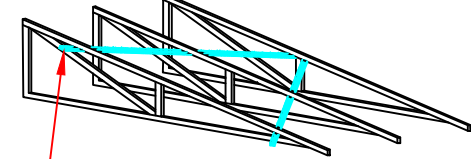
Job Number:

WRIGHT-001

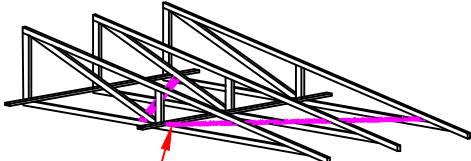
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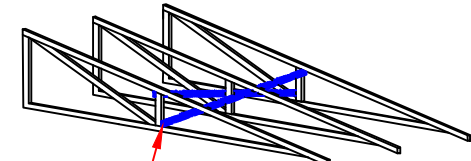
BOTTOM CHORD BRACING (RAT RUNS)
(2) 16d NAILS AT EACH TRUSS, SPACING
TO BE IN ACCORDANCE WITH TRUSS
MANUFACTURER DRAWINGS



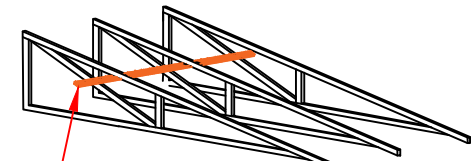
DIAGONAL CORNER BRACING AT UNDERSIDE
OF TOP CHORD AT LOCATIONS SHOWN ON
PLAN (2) 16d NAILS AT EACH TRUSS



DIAGONAL BRACING ON UPPER SIDE OF
BOTTOM CHORD AT LOCATIONS SHOWN
ON PLAN (2) 16d NAILS AT EACH TRUSS
(MUST RUN BETWEEN LATERAL BRACES)



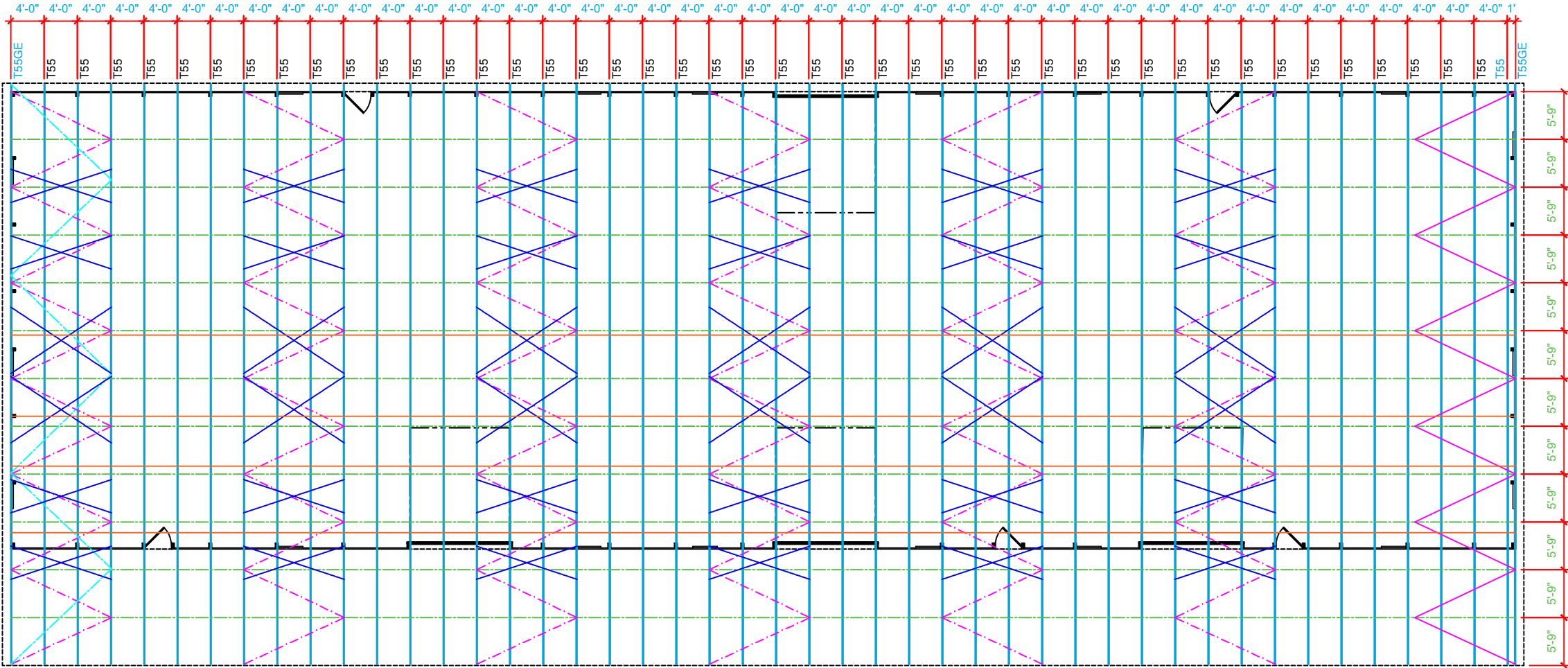
WEB "X" BRACING AT EITHER SIDE
OF WEB AT LOCATIONS SHOWN ON
PLAN (2) 16d NAILS AT EACH TRUSS



LATERAL WEB BRACING (2) 16d NAILS AT EACH
TRUSS, CENTERED ON WEB MEMBER UNLESS
SPECIFIED OTHERWISE ON TRUSS DRAWINGS

ROOF FRAMING LINE LEGEND

- TRUSSES
- OVERHANG
- TOP CHORD CORNER BRACING
- BOTTOM CHORD BRACING
- WEB X-BRACING
- W-BRACING
- LATERAL BRACING



Revisions:

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575 Van Reed Rd.
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484-794-9949
koppenhaverpe@gmail.com

DATE:
05/03/2022

SHEET:
TRUSS LAYOUT

BUILDING SIZE: 55x181x16'-4"

DRAWN BY:
Josh Day

Job Number:

CHECKED BY:

WRIGHT-001

(4) 5" x #14 STRUCTURAL SCREWS

(16) 12d NAILS

CONTINUOUS

SPLICED

SPLICED

HA
1

Diagram illustrating the cross-section of a roof structure, showing various components and dimensions:

- 2X4 PURLINS 2' O.C.
- 27 GA. ROOF S
- 12
- 4
- 2X6 TRUSS TIE-PLATE
- (2) 1.5x14 LVL TRUSS CARRIERS
- (3) 1.5x14 LVL AT EAVE #1
- 2X4 BLOCKING
- 3PLY 2X6 POST
- 28 GA. SIDE STEEL
- 2X4 GIRTS 2' O.C.
- 2X6 TREATED SKIRT BOARD
- 4" CONCRETE FLOOR (OPTIONAL PER CUSTOMER)
- 4"-6" STONE BASE (OPTIONAL PER CUSTOMER)
- H10 HURRICANE TIE
- 3 PC. SOFFIT / FASCIA
- 2X6 SUB-FASCIA
- 16'-4"
- 16'
- 3PLY 2X8 POST
- SEE DETAIL (FD 1)

FD
1

FD FOOTER DETAIL

1

Diagram illustrating the components of a door assembly:

- 2x6 DOOR LINER & SPRING PAD RUN TO BOTTOM OF TRUSS
- 2x6 BLOCKING CONT.
- 2x6 HEADER
- OVERHEAD DOOR
- DOOR SEAL/MOLDING
- 2x6 DOOR LINER
- OVERHEAD DOOR TRIM
- 2x6 HEADER
- METAL SIDING
- 2x4 C

OD O.H. DOOR HEADER DETAIL

1

 TYPICAL GABLE OVERHANG DETAIL

GO
1

RF ROOF EDGE DET.



A cross-sectional diagram of an overhead door assembly. The diagram shows a vertical door frame with a diagonal bracing system. A horizontal beam is attached to the side of the frame. The door itself is shown at the top, with a seal and molding. The bottom of the frame is attached to a metal siding. The diagram is labeled with the following components:

- 2x6 DOOR LINER
- POST
- 2x4 FILLER
- 2x4 GIRT
- OVERHEAD DOOR
- DOOR SEAL/MOLDING
- OVERHEAD DOOR TRIM
- METAL SIDING

O.H. DOOR JAMB DETAIL

$$\frac{OD}{2}$$

UNIVERSAL RIDGE CAP
ATTACHED TO EACH RIB
w/ 1½" ROOFING SCREWS

TYPICAL 2X4 PURLINS
AT 24" ON CENTER

METAL ROOFING

FILLER - TYP.

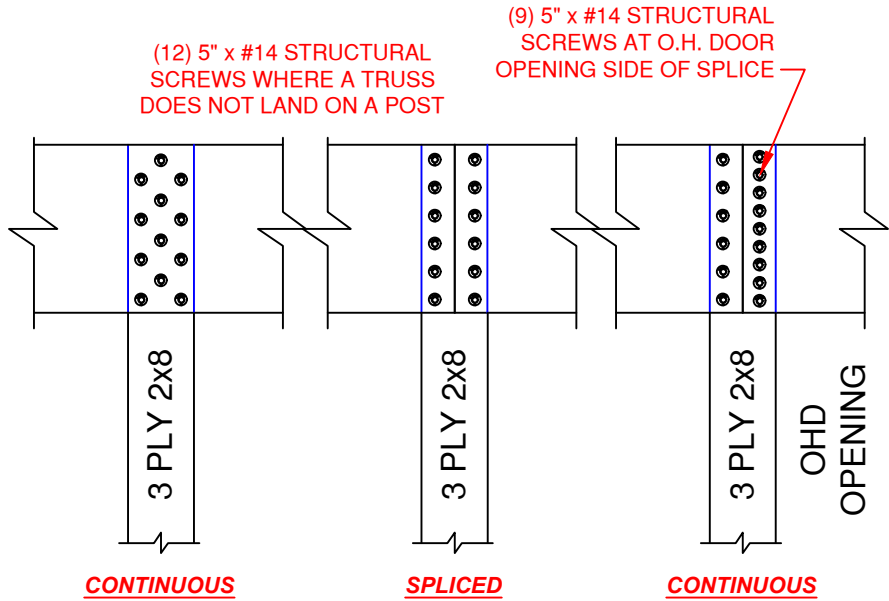
ROOF RIDGE DETAIL

A red circle containing the letter 'R' above the number '1'.

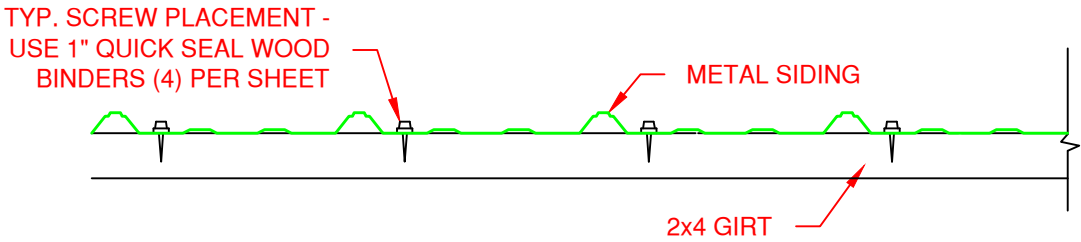
PPB, Inc.

WRIGHT-001

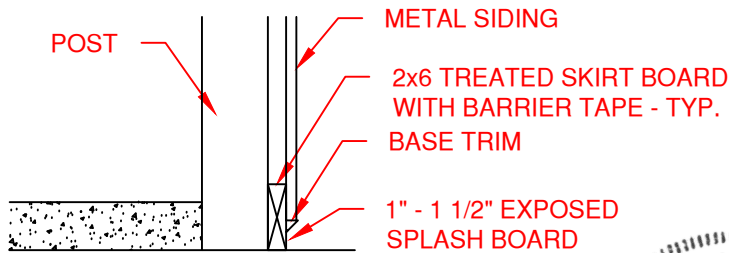
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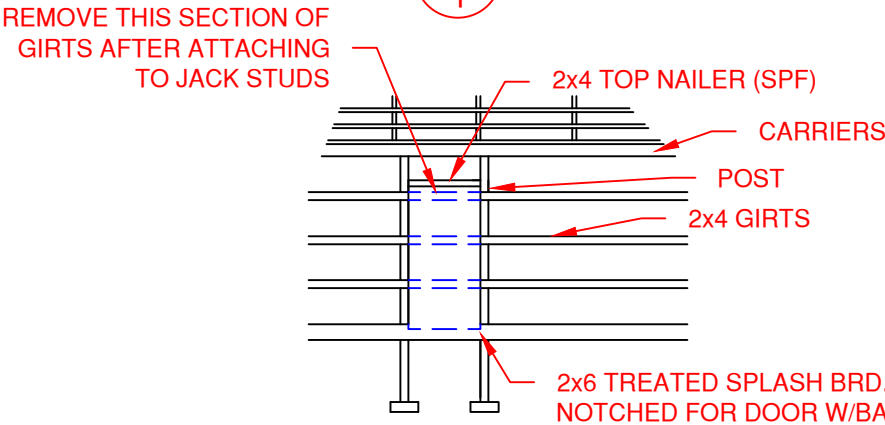
HA 2 1.5" x 14" LVL HEADER ATTACHMENT AT EAVE #1



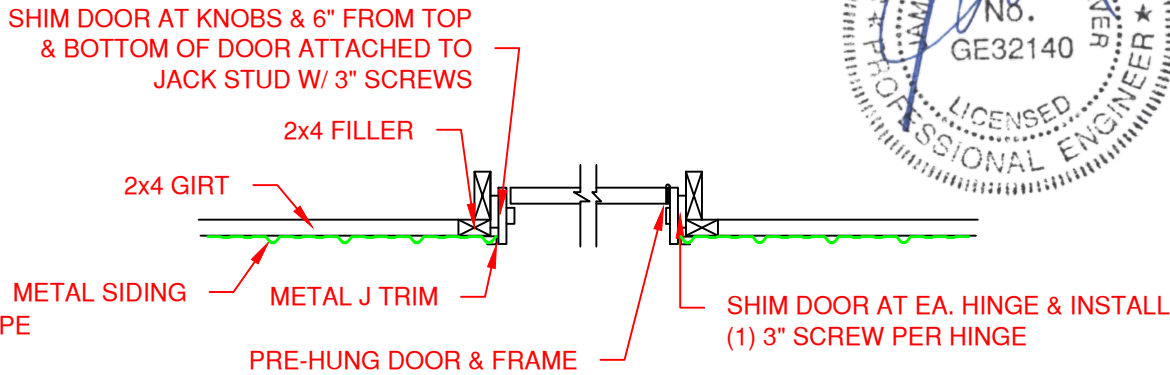
SS 1 SIDING SCREW PATTERN DETAIL



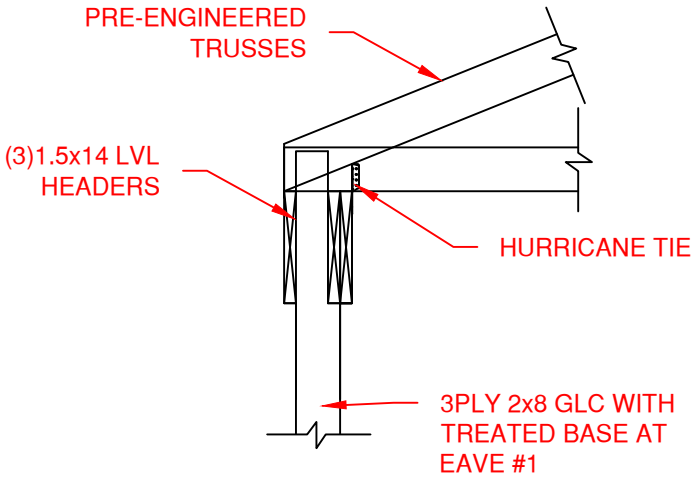
BT 1 BASE TRIM DETAIL



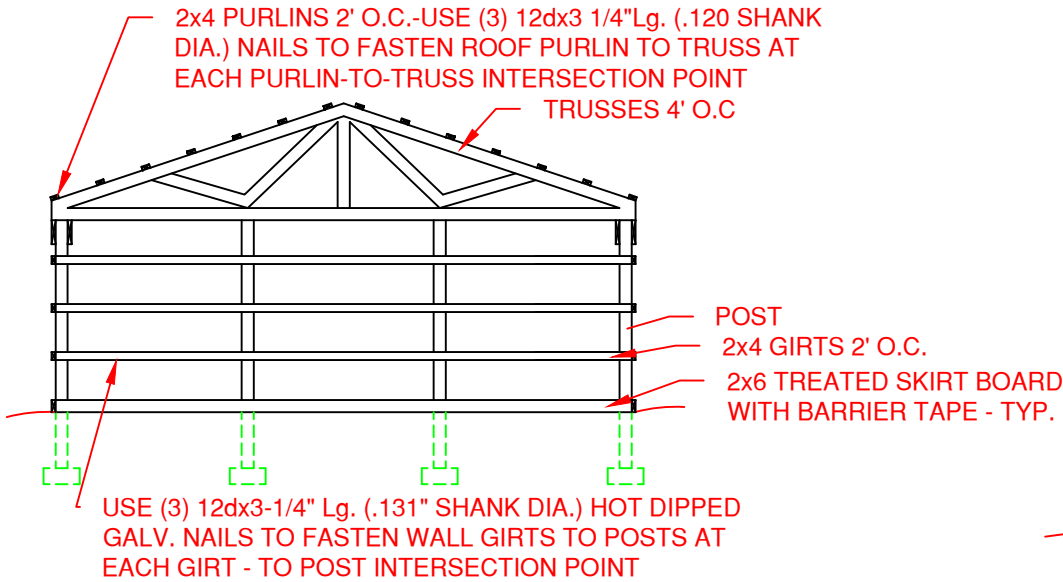
SD 1 SERVICE DOOR FRAMING DETAIL



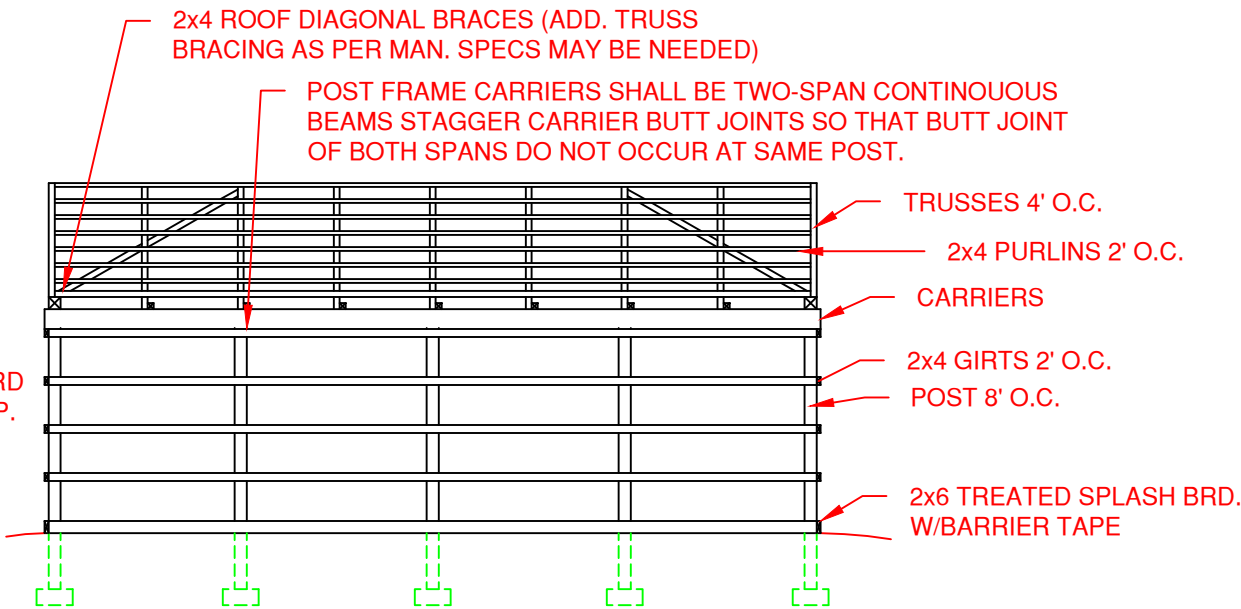
SD 2 SERVICE DOOR JAMB DETAIL



TH 1 TRIPLE HEADER AT ENTIRE EAVE #1



GF 1 GENERAL GABLE VIEW DETAIL



EF 1 GENERAL EAVE VIEW DETAIL



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Wyomissing, PA19610
484-794-9949
koppenhaverpe@gmail.com

DATE: 05/03/2022

SHEET: Detail B

BUILDING SIZE: 55x181x16'-4"

DRAWN BY:

Josh Day

Job Number:

CHECKED BY:

WRIGHT-001

General Notes:

Foundations:

- A. Bottom of all exterior footings shall be minimum of 42" below finished grade. Minimum size 10" high x 24" round or as noted.
- B. Assumed design soil bearing pressure = 3,000 PSF U.N.O.
- C. Minimum concrete footing strength to be 3,500 PSI at 28 days.

Metal Cladding:

- A. Steel siding and roofing panels shall be fabricated from 27 # 28 gauge, grade e 180 KSI structural quality steel conforming to ASTM A-446 with a hot dipped galvanized coating conforming to ASTM A-525 or with an aluminum-zinc alloy coating conforming to ASTM A-792 (plain products only).
- B. Paint Finish: All panels when required shall receive a factory applied polyester coating conforming to the manufacturer's specifications.
- C. Flashings: All flashings shall be shop fabricated from material that is the same gauge and finish as the wall/roof panels to which they are attached.
- D. Closures: Shall be pre-molded neoprene to match the configuration of the wall/roof panel and shall be in lengths as supplied by the panel manufacturer.
- E. Fasteners: All screw fasteners shall have a combination steel and neoprene washer. Nails shall have a Fabriseal washer or equivalent. Fastener selection and installation shall be as recommended by the cladding manufacturer.

Wood Trusses:

- A. Trusses are to be designed and fabricated in accordance with the published standards of the National Forest Products Association and the Truss Plate Institute's "Design Specifications for Light, Metal Plate Connected Wood Trusses" (TPI-XX) Latest Edition.
- B. The web configuration plate sizes, chord sizes and lateral bracing shall be designed by a licensed professional engineer. The truss manufacturer shall provide the contractor with shop drawings of each truss design bearing the engineers seal. Shop drawings shall be approved by the contractor before fabrication.
- C. All trusses shall be designed for the loading, spacing and geometry shown on the plan.
- D. The contractor shall install the bracing of the wood trusses in accordance with the manufacturer's design. Minimum lateral bracing of web and bottom chord members shall be as required by truss design.

Lumber:

- A. All lumber shall comply to the requirements of the American Institute of Timber Construction and the National Forest Products Association's "National Design Specification for Wood Construction".
- B. All lumber for posts and beams shall be #2 or better southern yellow pine grade stamped by a SPIB approved mill, surfaced at a maximum moisture content of 19% treated .6 pcf ACQ, .23 pcf MCA or equal.
- C. All lumber for headers shall be SYP #1 or better, grade stamped by a SPIB approved mill, surfaced at a maximum moisture content of 19%.
- D. All lumber exposed to ground contact or insect infestation shall be treated according to the American Wood preservers' Association Standards, .6 pcf ACQ, .15 pcf MCA or equal.

Connections:

- A. All wood connection to be made according to the "National Design Specification for Wood Construction". The minimum connection to be two 12 penny nails. Other connection as per plan or as controlled by standard construction practices.
- B. It is acceptable for 2x4 wind girt spacing to vary from 18" to 30", when the span of the girt is 10' or less. Horizontal spacing of fasteners for the metal wall panels shall be in accordance with the panel manufacturer's instructions. The wind girt spacing up to 30" conforms to the rigid diaphragm design for post frame walls.

Cautionary Notes:

1. Structural components such as posts, beams, trusses or fasteners and attachment brackets should NOT be modified, notched or cut in any manner without proper review and approval of the building design professional.
2. Rainwater and melt water should be directed away from post foundation locations.
3. On enclosed buildings with large doors (that is buildings designed as completely enclosed) the doors should be closed during periods high wind and/or stormy weather to reduce uplift forces on the building.
4. Do NOT lean heavy materials against posts or girts unless the building has been designed for those types of loads. Do NOT store loose material against walls unless building has been designed for side thrust loads and any moisture contained in the loose materials.
5. Do NOT use the roof trusses for storing material unless the building and roof trusses have been designed for those loads.
6. Concentrated loads such as ceiling-mounted furnaces, wet sprinkler systems, ventilation hoods, etc. SHALL NOT be attached to the roof trusses without the prior review and written approval of Pioneer Pole Buildings, Inc. and the building design professional.
7. Do NOT install hardware that would maintain snow cover on the roof of buildings.
8. Do NOT attach additional buildings or lean-to enclosed areas to pole barn buildings unless the building has been designed for the additional loads created by these building additions.
9. Door openings should NOT be added to the building walls after the building has been constructed without review and approval of the building design professional.

Misc. Notes:

These plans are designed in accordance with the 2021 IBC
Construction Class VB
IBC USE GROUP "U" UTILITY

TRUSS CARRIERS TO BE EQUAL TO OR BETTER THAN 1.5"X14" 2.0E LVL
(3)1.5"X14" 2.0E LVL AT EAVE OVERHEAD DOOR OPENINGS AND ALL ALONG EAVE #1
HOLD ALL DOORS +4" FOR CONCRETE FLOOR
12" OVERHANGS ON EAVE #2 AND GABLES, 14' CANTILEVER ON EAVE #1
HURRICANE TIES USED = RT16A (USP CONNECTORS)
UNIVERSAL RIDGE VENT

POSTS ON EAVE #1 TO BE 3 PLY 2X8 GLUE LAM COLUMNS.
POSTS EVERYWHERE ELSE TO BE 3 PLY 2X6 GLUE LAM COLUMNS.



DESIGN CRITERIA:
Ground Snow Loads:
Ground Snow Load (psf) = 40
Wind Speed:
Wind Speed = 115 mph
Truss Loads:
Top Chord Live (psf) = 30
Top Chord Dead (psf) = 5
Bottom Chord Live (psf) = 0
Bottom Chord Dead (psf) = 5

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						<div>SHEET:</div> <div>Notes</div>		
						<div>BUILDING SIZE:</div> <div>55x181x16'-4"</div>		
						<div>DRAWN BY:</div> <div>Josh Day</div> <div>CHECKED BY:</div> <div>Job Number:</div> <div>WRIGHT-001</div>		
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