

PERMIT NUMBER: B23003008

DATE ACCEPTED:

RECEIVED



**RESIDENTIAL BUILDING PERMIT APPLICATION**

LICENSES & PERMITS

HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS

3430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043 - PHONE: (410) 313-2455 OPTION #4

www.howardcountymd.gov

**BUILDING SITE ADDRESS REQUIRED**

Street Address: 899 The Old Station Ct Unit:  
 City: WOODBINE State: MD Zip Code: 21797  
 Subdivision/Village/Complex Name: SDP/WP/BA #:  
 Lot: 26 Tax Map: 3 Parcel: 9 Grading Permit #:

**DESCRIPTION OF WORK REQUIRED**

Existing Use: Detached Garage Proposed Use: Residential Storage Estimated Cost: \$ 91000  
 Trade Work to Be Completed (Separate Permits Required):  Mechanical (HVAC)  Electrical  Plumbing  None  
 CONSTRUCT 50X50' ONE LEVEL detached garage

**PROPERTY OWNER INFORMATION REQUIRED**

Owner(s) Name(s) (As it appears on tax records): Peter K. Price Primary Residence:  Yes  No  
 Owner's Street Address: 899 The Old Station Ct  
 City: WOODBINE State: MD Zip Code: 21797  
 Phone: 410 299 9271 Email: kenjprice2010@gmail.com

**APPLICANT NAME REQUIRED - INDIVIDUAL WHO SIGNS THIS APPLICATION**

Business Name: Contact Name: Peter K. Price  
 Street Address: 899 The Old Station Ct  
 City: WOODBINE State: MD Zip Code: 21797  
 Phone: 410 299 9271 Email: kenjprice2010@gmail.com

**CONTRACTOR INFORMATION REQUIRED**

Business Name: Pioneer Pole BUILDINGS, INC  
 Licensee's Name: PIONEER POLE BUILDING License #: 121132  
 Street Address: 716 SOUTH RT. 183  
 City: Schuylkill Haven State: PA Zip Code: 17972  
 Phone: 1888 448 2505 Email:

**ARCHITECT/ENGINEER INFORMATION INDIVIDUAL WHO SIGNED PLANS, IF APPLICABLE**

Business Name: James A. Koppenhaver P.E. Name: James A. Koppenhaver, P.E.  
 Street Address: 875 Van Reed Rd.  
 City: Wyomissing State: PA Zip Code: 19610  
 Phone: 484-794-9949 Email: KOPPENHAVER PE @ gmail . com

**BUILDING CHARACTERISTICS REQUIRED**

Primary Structure:  SF Dwelling  SF Townhouse  SF Duplex  Mobile Home  Multi-Family Dwelling (MF\*) Condo:  Yes  No  
 Utilities:  Electric  Gas Water Supply:  Public  Private (Well) Sewage Disposal:  Public  Private (Septic)  
 Heating System:  Electric  Natural Gas  Propane  Other: Roadside Tree Project:  No  Yes: #  
 Sprinkler System:  NFPA 13  NFPA 13R  NFPA 13D  None Fire Alarm System:  Yes  No  Voice Evac

**ADDITIONAL RESIDENTIAL INFORMATION (PLEASE SELECT/COMPLETE ALL THAT APPLY)**

Model Name & Options:  
 # of Bedrooms (SF): # of efficiency units (MF\*): # of 1 BR (MF\*): # of 2 BR (MF\*): # of 3 BR (MF\*):  
 # Rooms: # Full Baths: # Half Baths: # Fireplaces:  
 Garage/Carport Info:  Attached Garage  Detached Garage  Integral Garage  Carport  None  
 Basement/Foundation Info:  Slab on Grade  Post & Pier  Unfinished Basement  Finished Basement:  Full or  Partial  
 1<sup>st</sup> Fl Width: 1<sup>st</sup> Fl Depth: 2<sup>nd</sup> Fl Width: 2<sup>nd</sup> Fl Depth: Bsmt Width: Bsmt Depth:

Energy Efficient:  Prescriptive  Performance  OR Alternative  Gross Area: sq ft Occupiable Area: sq ft

**AGREEMENT/ DISCALIMER REQUIRED**

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

APPLICANT'S ORIGINAL SIGNATURE: Peter K. Price DATE SIGNED: 7/31/23

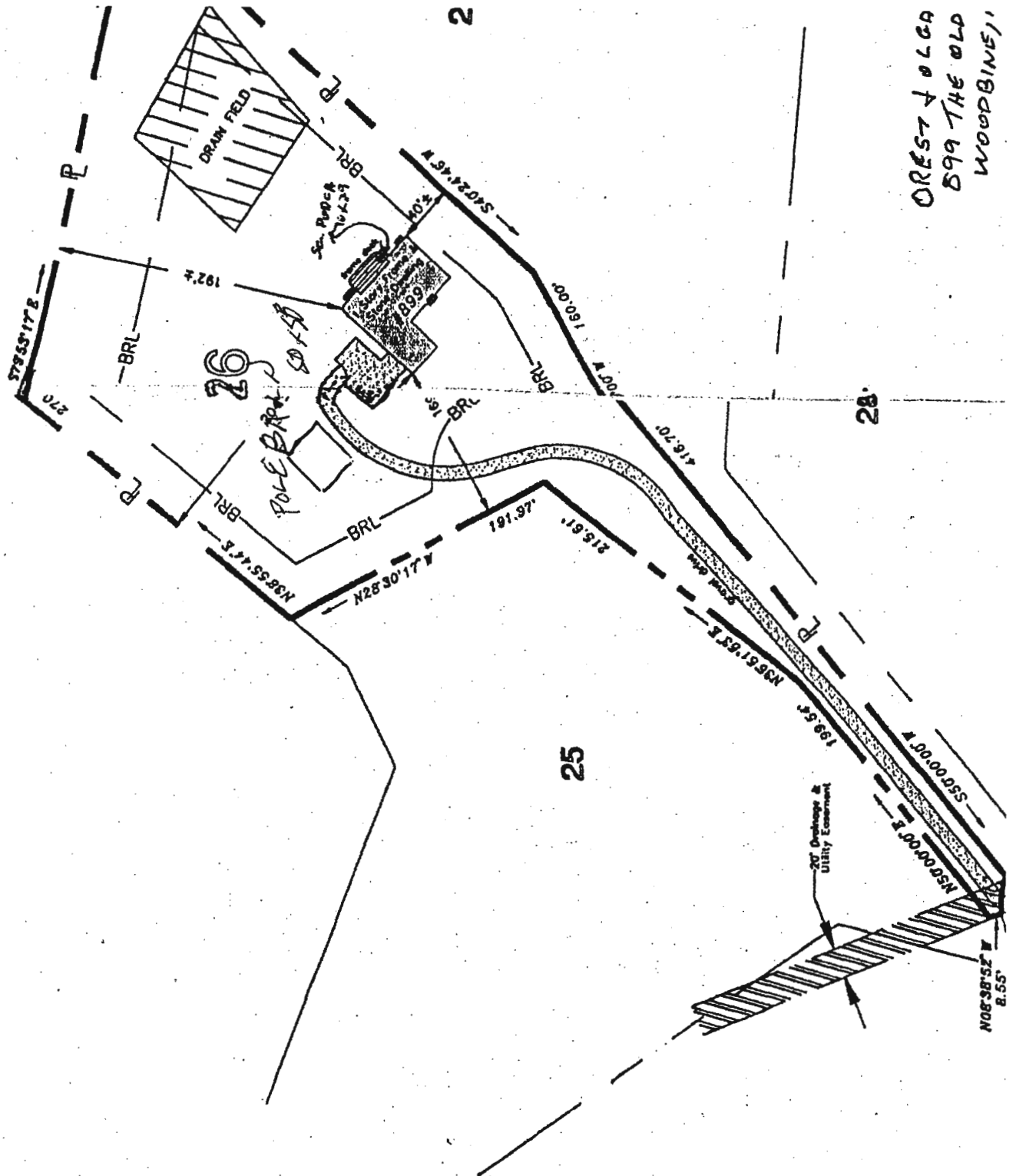
**FOR OFFICE USE ONLY**

CHECKS PAYABLE TO: DIRECTOR OF FINANCE OF HOWARD COUNTY

**AGENCIES REQUIRED/APPROVALS:**

PR  DPZ  DED  Health 8/7/23  SHA  CID

SUBMITTAL FEES: \$ 2500 PAYMENT: Online ACCEPTED BY: [Signature]



ORESTA OLGA  
 599 THE OLD  
 WOODBINE,

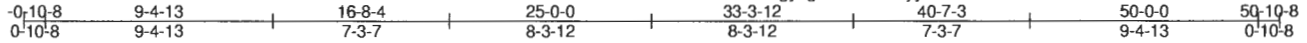
26  
 PO-E BRL 20"

20" Orange &  
 Utility Easement

10838152' A  
 8.55'

Job 23060907B	Truss T50	Truss Type COMMON	Qty 12	Ply 1	Price 400874-005 Job Reference (optional)
------------------	--------------	----------------------	-----------	----------	--

UFP Site Built, LLC, UFP 20/20 Run: 8.620 s Sep 22 2022 Print: 8.620 s Sep 22 2022 Mitek Industries, Inc. Tue Jun 13 07:30:09 2023 Page 1  
ID: PconKzty2guxITLAura8yylMF0-tUkVi7h5121DiSksAHBu4v4w?s6zkM2m9aP1Xgz6nCy



Scale = 1:92.8

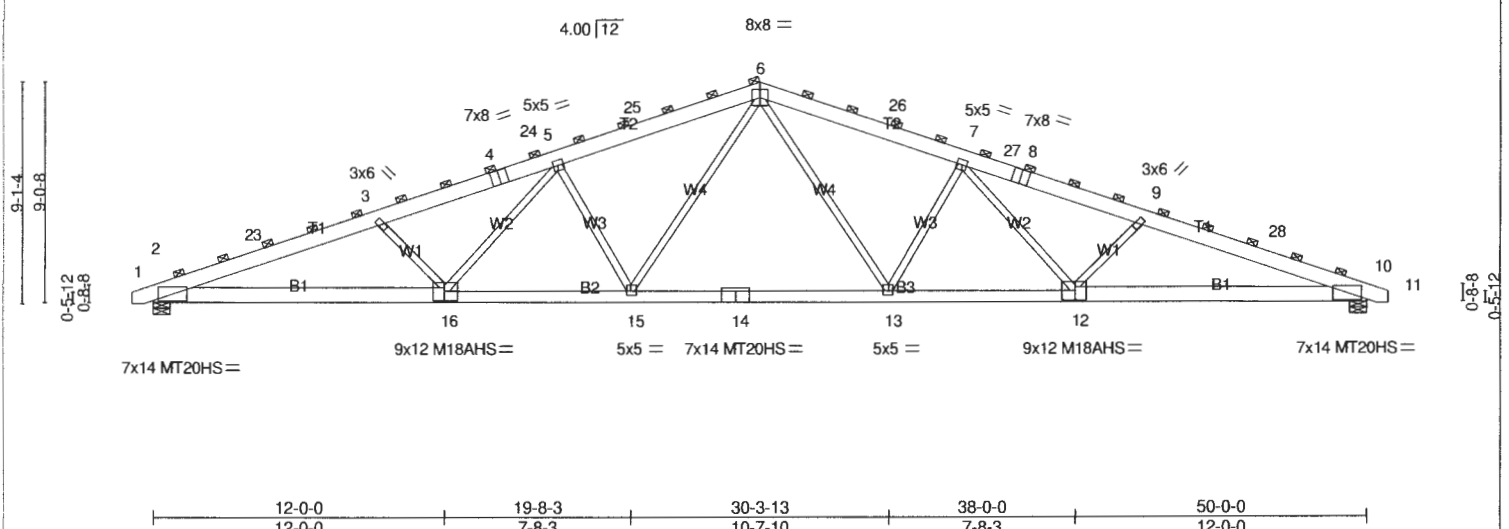


Plate Offsets (X, Y)--	[12:0-5-8,0-4-12], [13:0-2-0,0-2-0], [15:0-2-0,0-2-0], [16:0-5-8,0-4-12]
------------------------	--

LOADING (psf)	SPACING-	CSI.	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	4-0-0	TC 0.69	Vert(LL)	-0.69	13-15	>875	MT20	244/190
TCDL 5.0	Plate Grip DOL 1.15	BC 0.86	Vert(CT)	-1.08	13-15	>554	MT20HS	187/143
BCLL 0.0	Lumber DOL 1.15	WB 0.99	Horz(CT)	0.31	10	n/a	M18AHS	186/179
BCDL 10.0	Rep Stress Incr NO	Matrix-MS					Weight: 382 lb	FT = 20%
	Code IBC2018/TPI2014							

**LUMBER-**  
TOP CHORD 2x8 SP 2400F 2.0E  
BOT CHORD 2x8 SP 2400F 2.0E \*Except\*  
B3,B2: 2x6 SP SS  
WEBS 2x4 SP No.2 \*Except\*  
W3: 2x4 SP 2700F 2.2E, W4: 2x4 SP SS

**BRACING-**  
TOP CHORD 2-0-0 oc purlins (2-9-15 max.)  
BOT CHORD Rigid ceiling directly applied or 5-3-15 oc bracing.

**REACTIONS.** (lb/size) 2=4959/0-8-8, 10=4959/0-8-8  
Max Horz 2=287(LC 14)  
Max Uplift 2=1233(LC 10), 10=1233(LC 11)  
Max Grav 2=5102(LC 2), 10=5102(LC 2)

**FORCES.** (lb) - Maximum Compression/Maximum Tension  
TOP CHORD 1-2=0/32, 2-23=-12466/3502, 3-23=-12336/3520, 3-4=-11620/3317, 4-24=-11362/3332, 5-24=-11240/3333, 5-25=-9525/2883, 6-25=-9309/2902, 6-26=-9309/2902, 7-26=-9525/2883, 7-27=-11239/3333, 8-27=-11362/3332, 8-9=-11620/3317, 9-28=-12336/3520, 10-28=-12466/3502, 10-11=0/32  
BOT CHORD 2-16=-3135/11704, 15-16=-2519/9828, 14-15=-1770/7392, 13-14=-1770/7392, 12-13=-2519/9828, 10-12=-3135/11704  
WEBS 3-16=-1314/581, 5-16=-425/1700, 5-15=-2516/841, 6-15=-746/3086, 6-13=-747/3086, 7-13=-2516/842, 7-12=-429/1700, 9-12=-1314/581

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
  - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=3.0psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) -0-7-11 to 4-4-5, Interior(1) 4-4-5 to 20-0-0, Exterior(2R) 20-0-0 to 30-0-0, Interior(1) 30-0-0 to 45-7-11, Exterior(2E) 45-7-11 to 50-7-11 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - TCLL: ASCE 7-16; Pr=35.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=40.0 psf; Pf=33.6 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat C; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.20
  - Unbalanced snow loads have been considered for this design.
  - This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 33.6 psf on overhangs non-concurrent with other live loads.
  - 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.
  - All plates are MT20 plates unless otherwise indicated.
  - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
  - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1233 lb uplift at joint 2 and 1233 lb uplift at joint 10.
  - This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
  - See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
  - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

**LOAD CASE(S)** Standard



Job 23060907B	Truss T50GE	Truss Type GABLE	Qty 2	Ply 1	Price 400874-005 Job Reference (optional)
------------------	----------------	---------------------	----------	----------	--

UFP Site Buil, LLC, UFP 20/20 Run: 8.620 s Sep 22 2022 Print: 8.620 s Sep 22 2022 MiTek Industries, Inc. Tue Jun 13 07:30:10 2023 Page 1  
 ID: PconKzlgzy2guxITLAura8yylMF0-LhlwTijoM94KcJ3j\_j7d7c5IGSCTpivNE8a37z6nCx

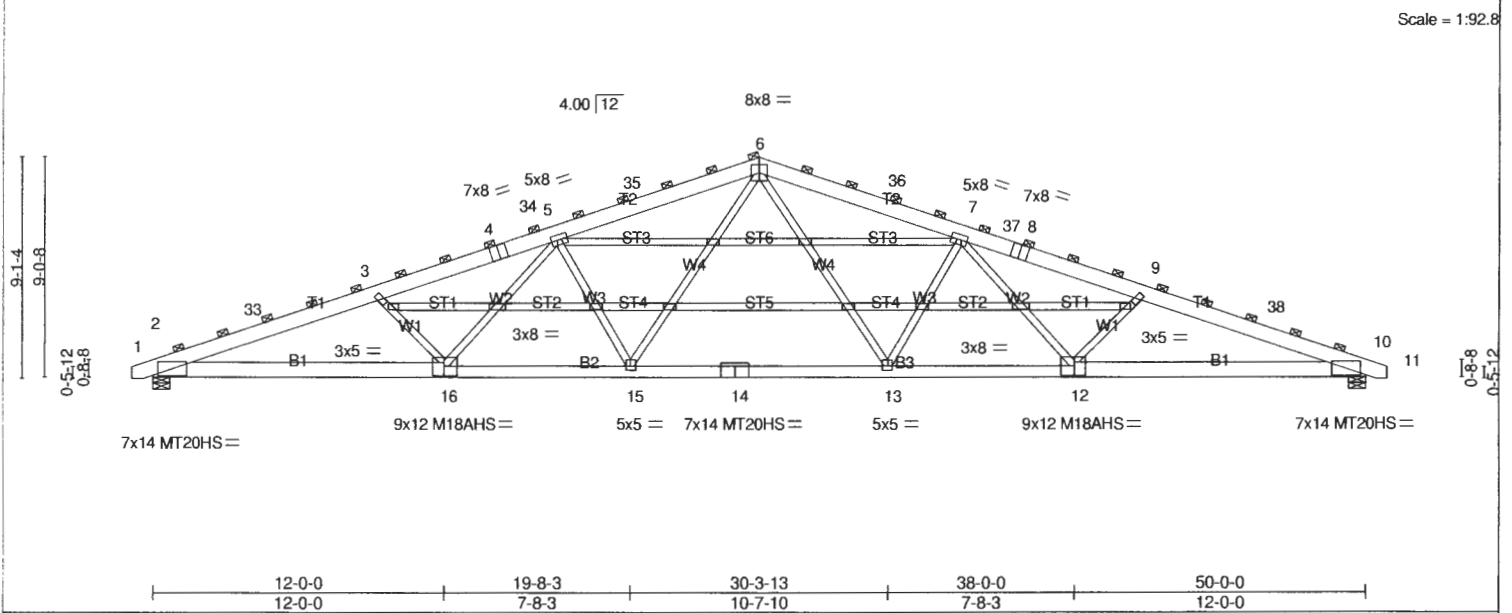
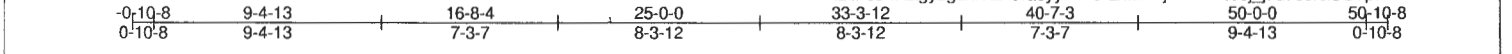


Plate Offsets (X,Y)-- [12:0-5-8,0-4-12], [13:0-2-0,0-2-0], [15:0-2-0,0-2-0], [16:0-5-8,0-4-12]

LOADING (psf)	SPACING-	CSI.	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 35.0	4-0-0	TC 0.69	Vert(LL)	-0.69	13-15	>875	240	MT20 244/190
TCDL 5.0	Plate Grip DOL 1.15	BC 0.86	Vert(CT)	-1.08	13-15	>554	180	MT20HS 187/143
BCLL 0.0	Lumber DOL 1.15	WB 0.99	Horz(CT)	0.31	10	n/a	n/a	M18AHS 186/179
BCDL 10.0	Rep Stress Incr NO	Matrix-MS						Weight: 450 lb FT = 20%
	Code IBC2018/TPI2014							

**LUMBER-**  
 TOP CHORD 2x8 SP 2400F 2.0E  
 BOT CHORD 2x8 SP 2400F 2.0E \*Except\*  
 B3,B2: 2x6 SP SS  
 WEBS 2x4 SP No.2 \*Except\*  
 W3: 2x4 SP 2700F 2.2E, W4: 2x4 SP SS  
 OTHERS 2x4 SP No.2

**BRACING-**  
 TOP CHORD 2-0-0 oc purlins (2-9-15 max.).  
 BOT CHORD Rigid ceiling directly applied or 5-3-15 oc bracing.

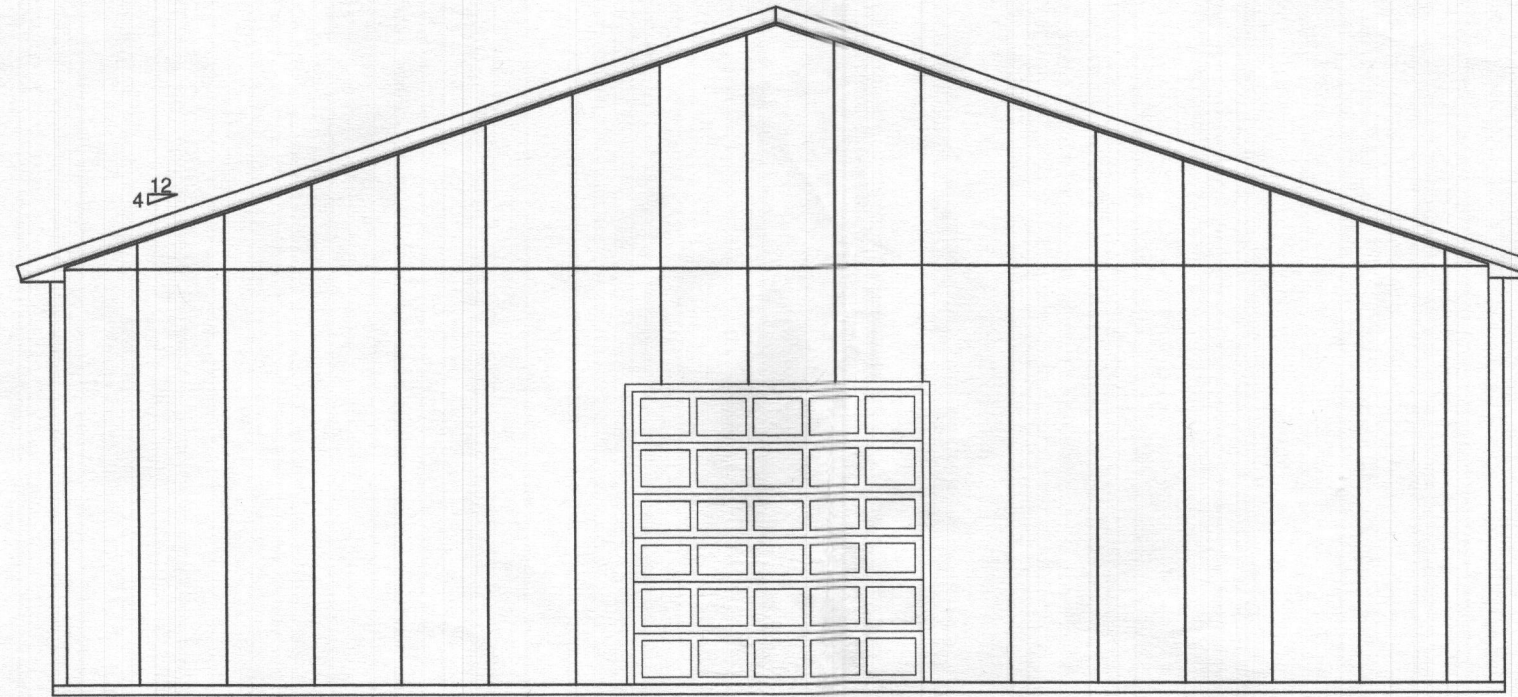
**REACTIONS.** (lb/size) 2=4959/0-8-8, 10=4959/0-8-8  
 Max Horz 2=287(LC 14)  
 Max Uplift 2=1233(LC 10), 10=1233(LC 11)  
 Max Grav 2=5102(LC 2), 10=5102(LC 2)

**FORCES.** (lb) - Maximum Compression/Maximum Tension  
 TOP CHORD 1-2=0/32, 2-33=12466/3502, 3-33=12336/3520, 3-4=11620/3317, 4-34=11362/3332, 5-34=11240/3333, 5-35=9525/2883, 6-35=9309/2902, 6-36=9309/2902, 7-36=9525/2883, 7-37=11239/3333, 8-37=11362/3332, 8-9=11620/3317, 9-38=12336/3520, 10-38=12466/3502, 10-11=0/32  
 BOT CHORD 2-16=3135/11704, 15-16=2519/9828, 14-15=1770/7392, 13-14=1770/7392, 12-13=2519/9828, 10-12=3135/11704  
 WEBS 3-16=1314/581, 5-16=425/1700, 5-15=2516/841, 6-15=746/3086, 6-13=747/3086, 7-13=2516/842, 7-12=429/1700, 9-12=1314/581

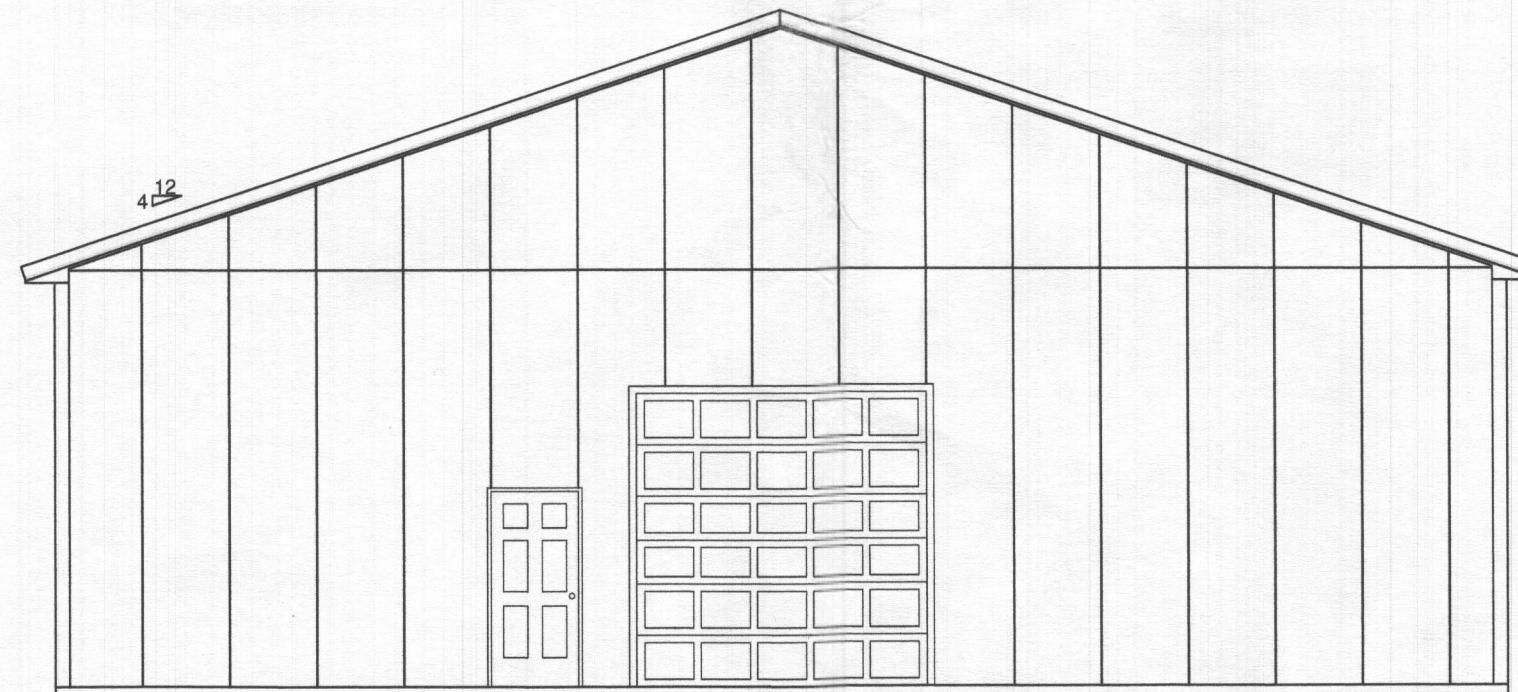
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
  - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=3.0psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) -0-7-11 to 4-4-5, Interior(1) 4-4-5 to 20-0-0, Exterior(2R) 20-0-0 to 30-0-0, Interior(1) 30-0-0 to 45-7-11, Exterior(2E) 45-7-11 to 50-7-11 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
  - TCLL: ASCE 7-16; Pr=35.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=40.0 psf; Pf=33.6 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat C; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.20
  - Unbalanced snow loads have been considered for this design.
  - This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 33.6 psf on overhangs non-concurrent with other live loads.
  - 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.
  - All plates are MT20 plates unless otherwise indicated.
  - All plates are 3x6 MT20 unless otherwise indicated.
  - Horizontal gable studs spaced at 2-8-0 oc.
  - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
  - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1233 lb uplift at joint 2 and 1233 lb uplift at joint 10.
  - This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
  - See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
  - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

**LOAD CASE(S)** Standard





**GABLE #1 ELEVATION**



**GABLE #2 ELEVATION**

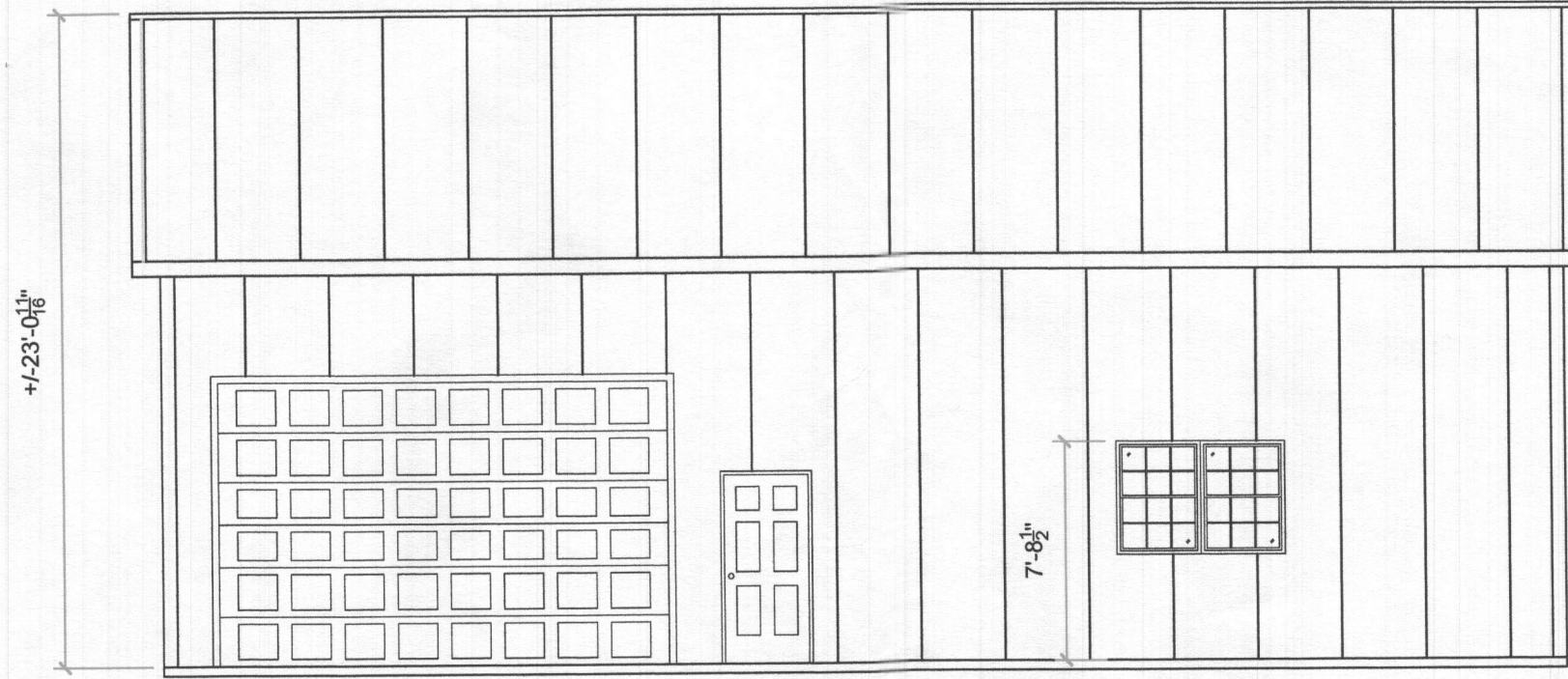
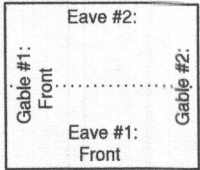
Professional Certification.  
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 16053, Expiration Date: 06-04-2024, per Code of Maryland Regulations 09.23.03.10

<b>Revisions:</b>	

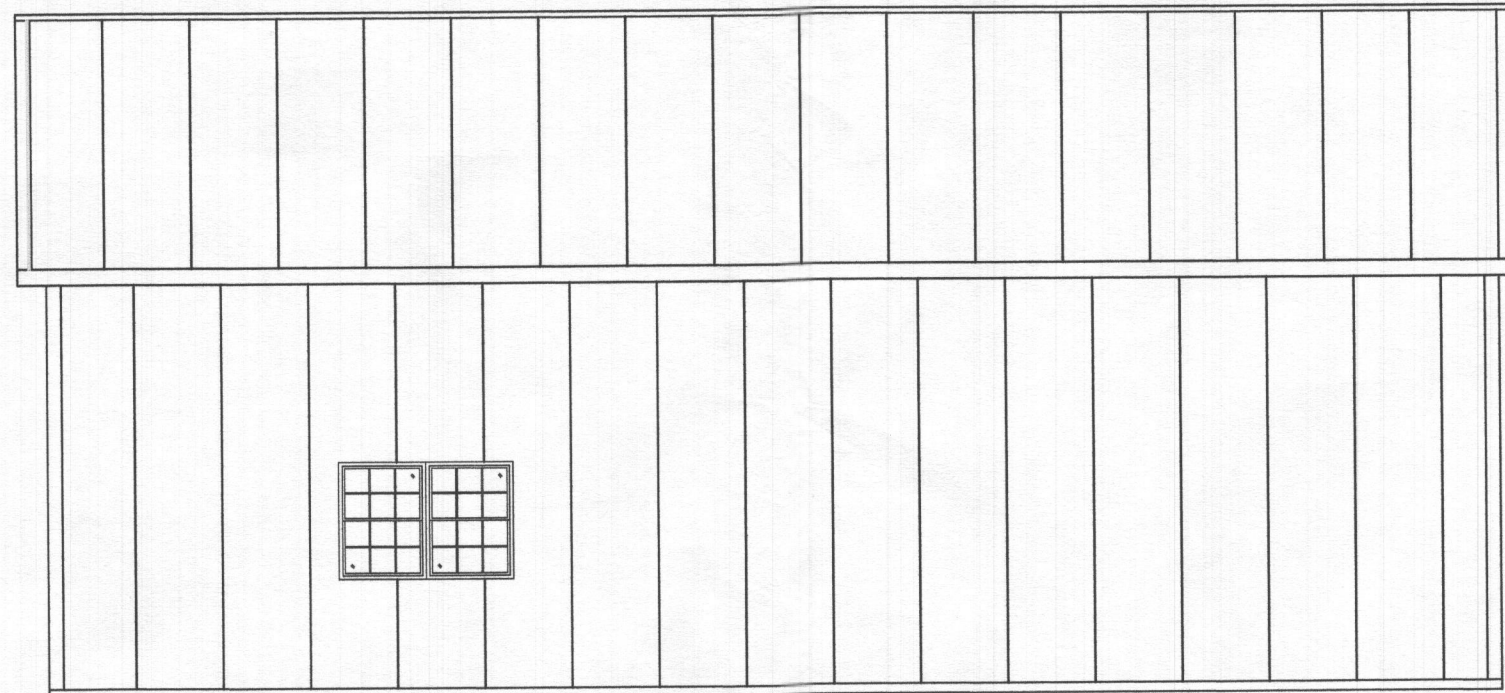
BUILDING SIZE: 50x50x14'-3"		DATE: 06/15/2023	James A. Koppenhaver, P.E. 575 Van Reed Rd Wyomissing, PA 19610 484-794-9949 koppenhaverpe@gmail.com
DRAWN BY: JOSH DAY	Job Number: PRICE-001	SHEET: Elevations	
CHECKED BY:			
<b>PPB. Inc.</b> Pioneer Pole Buildings, Inc. 716 South Rt. 183 Schuylkill Haven, PA 17972 1-888-448-2505 Toll Free		<b>JOB SITE ADDRESS:</b> 899 THE OLD STATION COURT WOODBINE, MD 21797	<b>CUSTOMER ADDRESS:</b> PETER PRICE 899 THE OLD STATION COURT WOODBINE, MD 21797 H: 410-299-5933 C: 410-299-9271



Contract # - 400874-005



**EAVE #1 ELEVATION**

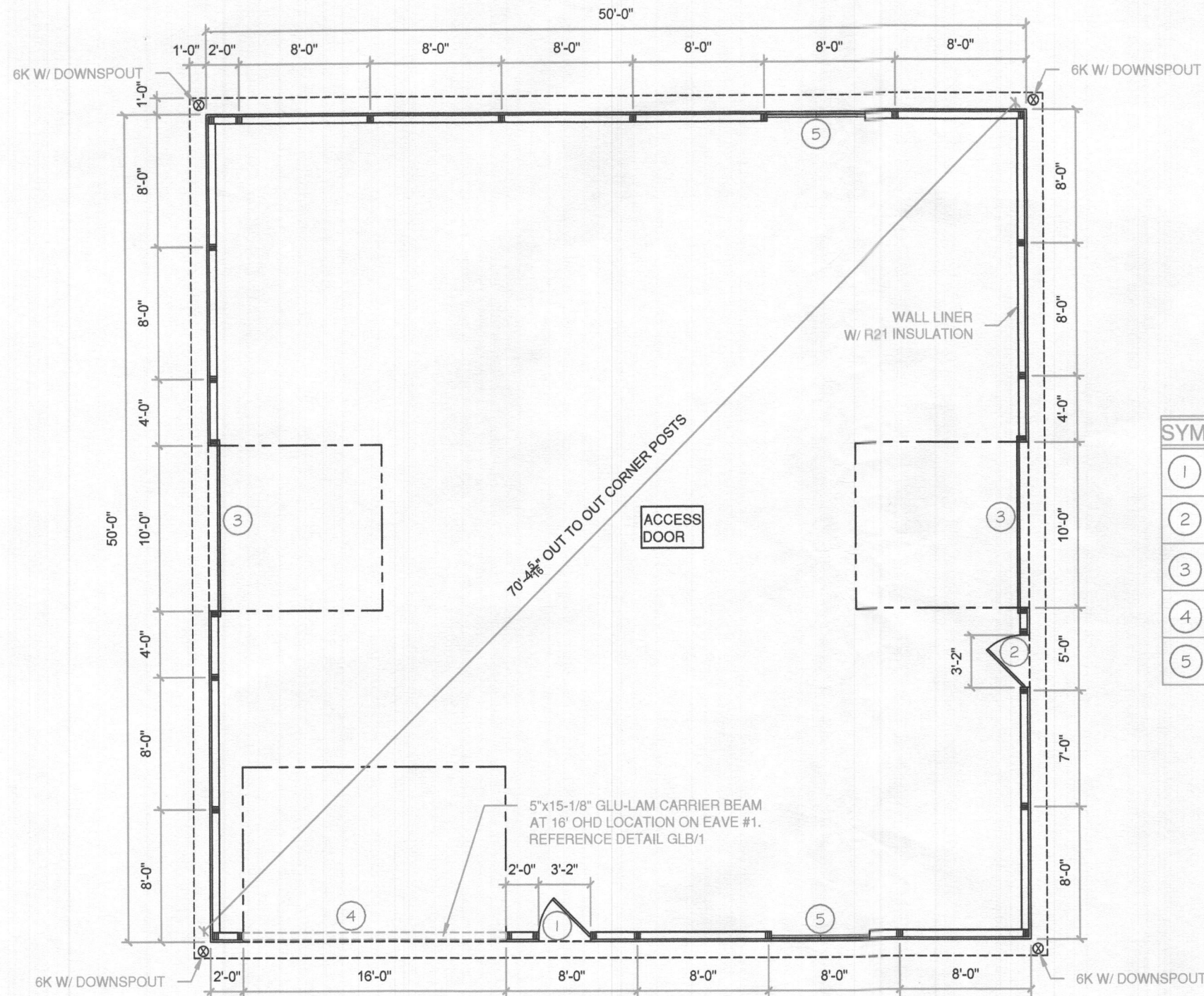
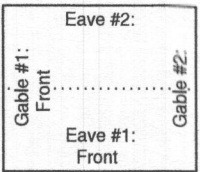


**EAVE #2 ELEVATION**

Professional Certification.  
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 16053, Expiration Date: 06-04-2024, per Code of Maryland Regulations 09.23.03.10

Revisions:	

BUILDING SIZE: 50x50x14'-3"	DATE: 06/15/2023	James A. Koppenhaver, P.E. 575 Van Reed Rd Wyomissing, PA 19610 484-794-9949 koppenhaverpe@gmail.com	
DRAWN BY: JOSH DAY	Job Number: PRICE-001		
CHECKED BY:	PPB. Inc. Pioneer Pole Buildings, Inc. 716 South Rt. 183 Schuylkill Haven, PA 17972 1-888-448-2505 Toll Free	JOB SITE ADDRESS: 899 THE OLD STATION COURT WOODBINE, MD 21797	CUSTOMER ADDRESS: PETER PRICE 899 THE OLD STATION COURT WOODBINE, MD 21797 H: 410-299-5933 C: 410-299-9271



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	10X10	10'-0" x 10'-3"
④	OVERHEAD DOOR	16X10	16'-0" x 10'-3"
⑤	Single Hung Window w/ Grds & Screen	3040-2	72"x48"

Professional Certification.  
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 16053, Expiration Date: 06-04-2024, per Code of Maryland Regulations 09.23.03.10

Revisions:

BUILDING SIZE: 50x50x14'-3"

DRAWN BY: JOEH DAY  
CHECKED BY: PRICE-001

DATE: 06/15/2023

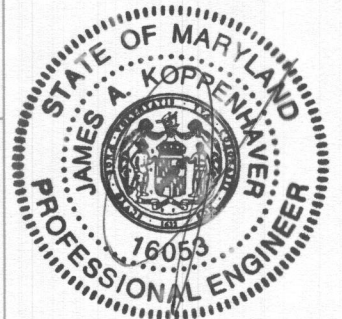
SHEET: Pole Plan

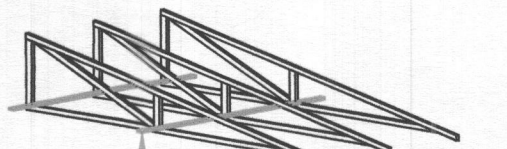
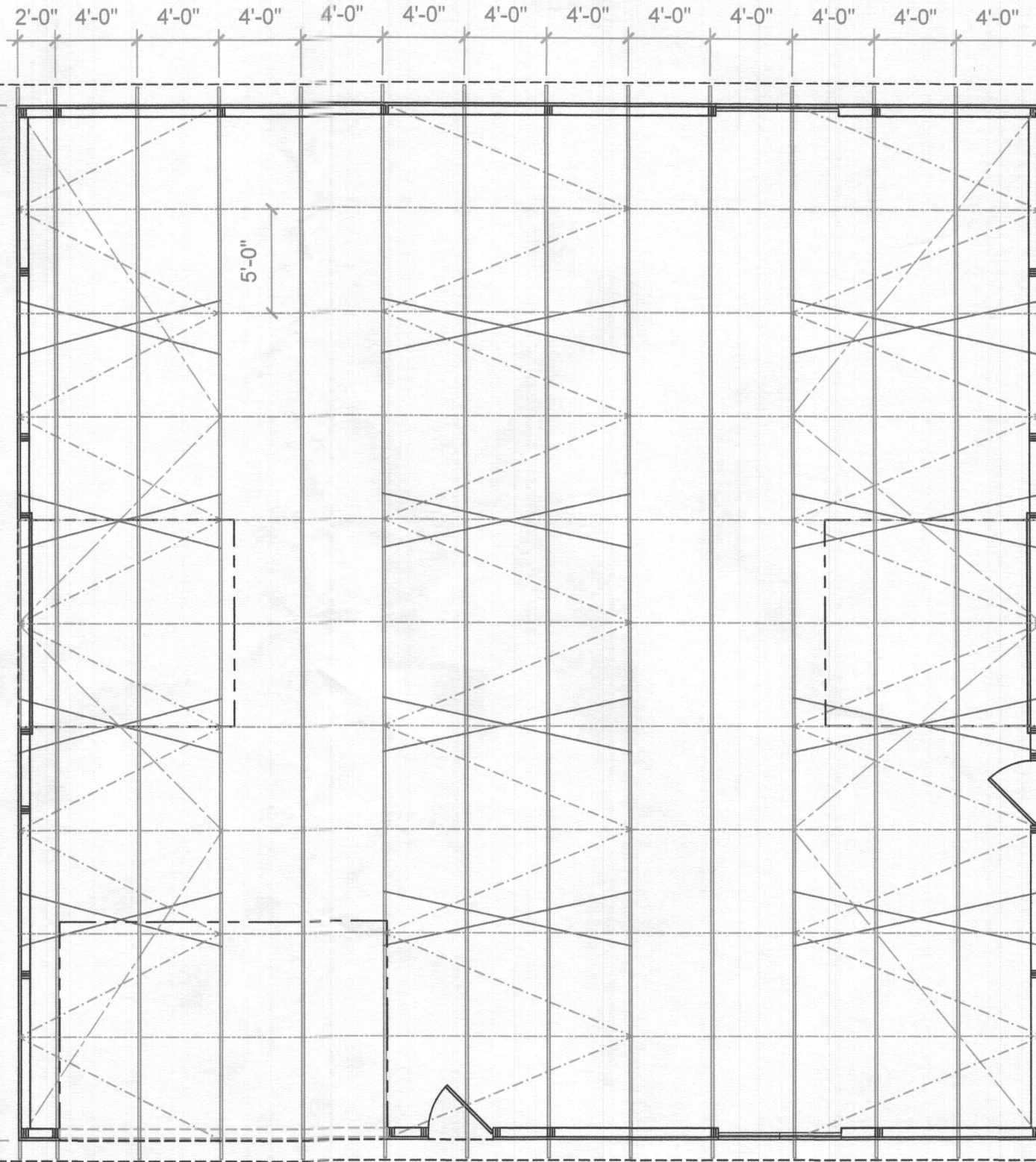
James A. Koppenhaver, P.E.  
575 Van Reed Rd  
Wyomissing, PA 19610  
484-794-9949  
koppenhaverpe@gmail.com

**PPB. Inc.**  
Pioneer Pole Buildings, Inc.  
716 South Rt. 183  
Schuylkill Haven, PA 17972  
1-888-448-2505 Toll Free

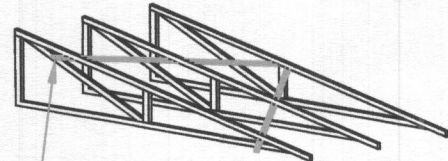
JOB SITE ADDRESS:  
899 THE OLD STATION COURT  
WOODBINE, MD 21797

CUSTOMER ADDRESS:  
PETER PRICE  
899 THE OLD STATION COURT  
WOODBINE, MD 21797  
H: 410-299-5933  
C: 410-299-9271

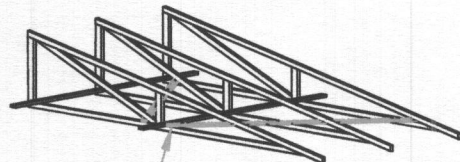




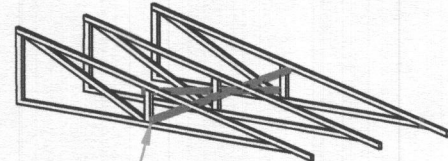
BOTTOM CHORD BRACING (RAT RUNS)  
(2) 16d NAILS AT EACH TRUSS, SPACING TO BE IN ACCORDANCE WITH TRUSS MANUFACTURER DRAWINGS



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

ROOF FRAMING LINE LEGEND

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

Revisions:


BUILDING SIZE: 50x50x14'-3"

DRAWN BY:  
JOSH DAY  
CHECKED BY:

Job Number:  
PRICE-001

DATE:  
06/15/2023

SHEET:  
Truss Layout

James A. Koppenhaver, P.E.  
575 Van Reed Rd  
Wyomissing, PA 19610  
484-794-9949  
koppenhaverpe@gmail.com

**PPB. Inc.**

Pioneer Pole Buildings, Inc.  
716 South Rt. 183  
Schuylkill Haven, PA 17972  
1-888-448-2505 Toll Free

JOB SITE ADDRESS:  
899 THE OLD STATION COURT  
WOODBINE, MD 21797

CUSTOMER ADDRESS:  
PETER PRICE  
899 THE OLD STATION COURT  
WOODBINE, MD 21797  
H: 410-299-5933  
C: 410-299-9271

Professional Certification.

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 16053, Expiration Date: 06-04-2024, per Code of Maryland Regulations 09.23.03.10

