

Job	Truss	Truss Type	Qty	Ply	
24110146B	GA36	GAMBREL ATTIC	28	1	Lil Duck, LLC 357998-007
UFP Site Built, LLC, UFP 20/20					

Run: 8.810 s Sep 13 2024 Print: 8.810 s Sep 13 2024 MiTek Industries, Inc. Mon Nov 4 16:04:41 2024 Page 1
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26-1-12 16-3-8 31-1-12 36-0-0 36-10-8 5-0-0 4-10-4 0-10-8

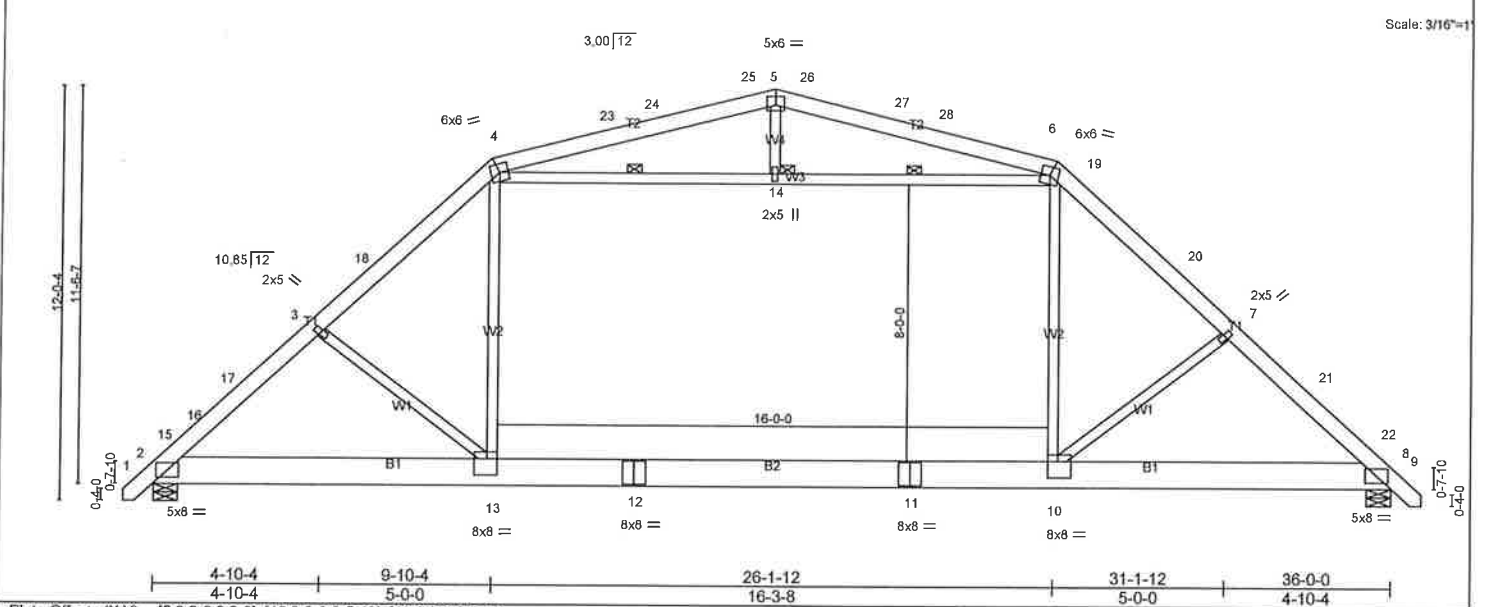


Plate Offsets (X,Y) - [5-0-3-0-0-3-0], [10-0-3-8-0-5-12], [13-0-3-8-0-5-12]					
LOADING (psf)	SPACING-	CSL	DEFL.	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.76	in (loc) l/def L/d	MT20	197/144
TCDL 5.0	Plate Grip DOL 1.15	BC 0.50	Vert(LL) -0.33 10-13 >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.40	Vert(CT) -0.46 10-13 >927 180		
BCDL 5.0	Rep Stress Incr NO	Matrix-S	Horz(CT) 0.03 8 n/a n/a		
	Code IBC2021/TPI2014		Attic -0.28 10-13 697 360	Weight: 303 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.1	TOP CHORD Structural wood sheathing directly applied or 4-4-15 oc purlins.
BOT CHORD 2x10 SP 2400F 2.0E	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPF No.2	WEBS 1 Row at midpt 4-14, 6-14
	JOINTS 1 Brace at Jt(s): 14

REACTIONS. (lb/size) 2=1955/0-8-8, 8=1955/0-8-8
Max Horz 2=253(LC 12)
Max Uplift 2=291(LC 14), 8=291(LC 15)
Max Grav 2=2142(LC 5), 8=2141(LC 38)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-15=3043/546, 15-16=3018/548, 16-17=3001/552, 3-17=2904/562, 3-18=2829/526, 4-18=2740/539, 6-19=2618/539, 19-20=2740/538, 7-20=2829/526, 7-21=2904/562, 21-22=3018/552, 8-22=3043/546, 8-9=0/45, 4-23=1628/662, 23-24=1555/663, 24-25=1540/668, 5-25=1476/669, 5-26=1477/669, 26-27=1540/668, 27-28=1555/663, 6-28=1628/662
BOT CHORD 2-13=259/2127, 12-13=7/2028, 11-12=7/2028, 10-11=7/2028, 8-10=229/2114
WEBS 4-14=978/34, 6-14=978/34, 4-13=14/1188, 6-10=14/1187, 5-14=0/188, 3-13=439/336, 7-10=439/336

- NOTES-
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=126mph (3-second gust) Vasd=100mph; TCDL=3.0psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-8-10 to 2-8-3, Interior(1) 2-8-3 to 6-5-14, Exterior(2R) 6-5-14 to 13-3-7, Interior(1) 13-3-7 to 14-7-3, Exterior(2R) 14-7-3 to 21-4-13, Interior(1) 21-4-13 to 22-8-9, Exterior(2R) 22-8-9 to 29-6-2, Interior(1) 29-6-2 to 33-3-13, Exterior(2E) 33-3-13 to 36-8-10 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=30.0 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.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Ceiling dead load (5.0 psf) on member(s). 4-14, 6-14; Wall dead load (5.0psf) on member(s). 4-13, 6-10
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 10-13
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 291 lb uplift at joint 2 and 291 lb uplift at joint 8.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard



11/06/2024

Job	Truss	Truss Type	Qty	Ply	
24110146B	GA36GD	GAMBREL ATTIC	1	2	Lil Duck, LLC 357998-007
UFP Site Built, LLC, UFP 20/20					

Run: 8.810 s Sep 13 2024 Print: 8.810 s Sep 13 2024 Mitek Industries, Inc. Mon Nov 4 16:04:42 2024 Page 1					
ID: vTIPT8L4NrHCxfqRZ4hVDgyUqle-mwSLrhT5fjkV88n406sS1XcMQPPbVqqB13ILSlyMX6.					
0-10-8	4-10-4	9-10-4	26-1-12	31-1-12	36-0-0
0-10-8	4-10-4	5-0-0	16-3-8	5-0-0	36-10-8
Scale: 3/16"=1'					

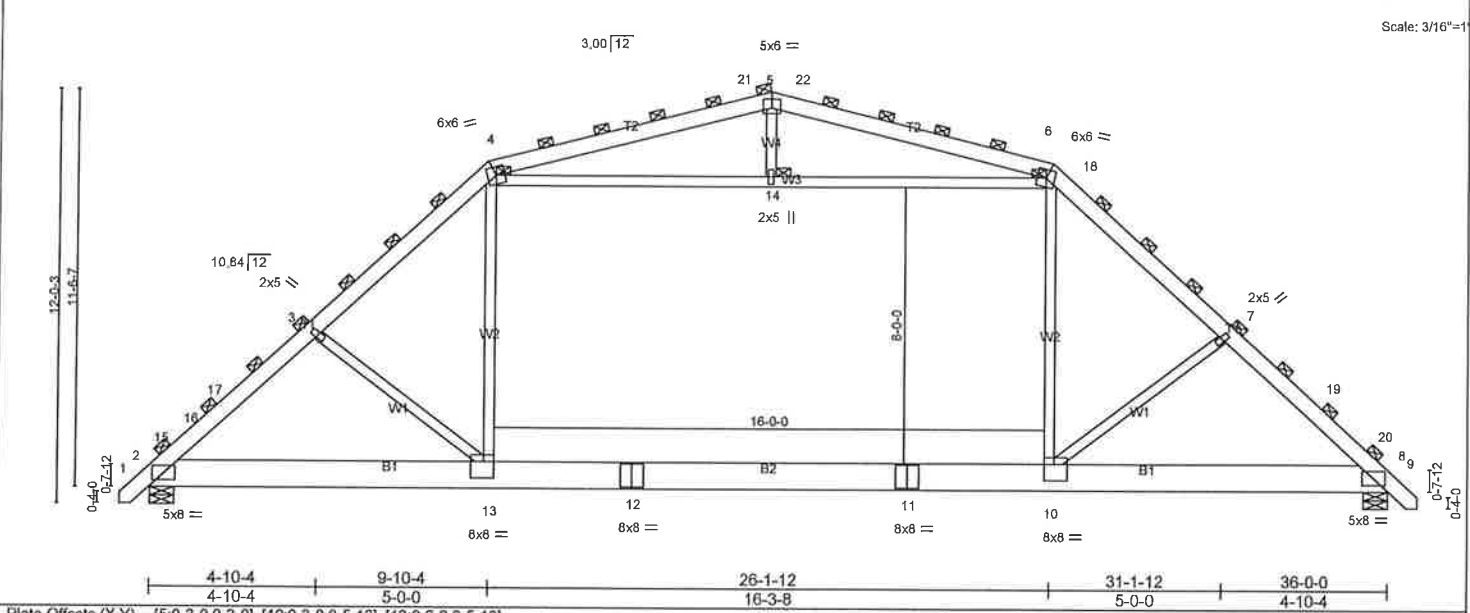


Plate Offsets (X,Y) - [5:0-3-0,0-3-0], [10:0-3-8,0-5-12], [13:0-3-8,0-5-12]					
LOADING (psf)	SPACING-	CSI,	DEFL.		PLATES
TCLL 30.0	4-0-0	TC 0.76	in (loc) l/defl L/d		MT20
TCCL 5.0	Plate Grip DOL 1.15	BC 0.50	Vert(LL) -0.33 10-13 >999 240		GRIP
BCCL 0.0 *	Lumber DOL 1.15	WB 0.43	Vert(CT) -0.46 10-13 >927 180		197/144
BCDL 5.0	Rep Stress Incr NO	Matrix-S	Horz(CT) 0.03 8 n/a n/a		
	Code IBC2021/TPI2014		Attic -0.28 10-13 697 360		
				Weight: 605 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.1	TOP CHORD 2-0-0 oc purlins (6-0-0 max.)
BOT CHORD 2x10 SP 2400F 2.0E	(Switched from sheeted: Spacing > 2-0-0).
WEBS 2x4 SPF No.2	Rigid ceiling directly applied or 10-0-0 oc bracing.
REACTIONS. (lb/size) 2=3909/0-8-8, 8=3909/0-8-8	JOINTS 1 Brace at Jlt(s): 4, 6, 5, 14
Max Horz 2=506(LC 10)	
Max Uplift 2=583(LC 12), 8=583(LC 13)	
Max Grav 2=4294(LC 33), 8=4294(LC 36)	

FORCES. (lb) - Maximum Compression/Maximum Tension	
TOP CHORD 1-2=0/90, 2-15=6097/465, 15-16=6048/466, 16-17=6014/479, 3-17=5806/497, 3-4=5657/502, 6-18=5234/501, 7-18=5657/497, 7-19=5806/496, 19-20=6048/465, 8-20=6097/464, 8-9=0/90,	
4-21=3257/780, 5-21=2953/782, 5-22=2953/782, 6-22=3257/780	
BOT CHORD 2-13=518/4251, 12-13=15/4056, 11-12=15/4056, 10-11=15/4056, 8-10=198/4231	
WEBS 4-14=1956/68, 6-14=1956/68, 4-13=28/2374, 6-10=27/2372, 5-14=0/376, 3-13=875/671, 7-10=875/672	

- NOTES-
- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x10 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=126mph (3-second gust) Vasd=100mph; TCCL=3.0psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
 - TCLL: ASCE 7-16; Pr=30.0 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.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Ceiling dead load (5.0 psf) on member(s). 4-14, 6-14; Wall dead load (5.0psf) on member(s). 4-13, 6-10
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 10-13
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 583 lb uplift at joint 2 and 583 lb uplift at joint 8.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard



11/06/2024

Job	Truss	Truss Type	Qty	Ply	
24110146B	GA36GE1	GABLE	1	1	Lil Duck, LLC 357998-007
UFP Site Built, LLC, UFP 20/20					

Run: 8.810 s Sep 13 2024 Print: 8.810 s Sep 13 2024 MiTek Industries, Inc. Mon Nov 4 16:04:43 2024 Page 1
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-0-10-8 4-10-4 9-10-4 26-1-12 31-1-12 36-0-0 36-10-8
(1-10-8) 4-10-4 5-0-0 18-3-8 5-0-0 4-10-4 0-10-8

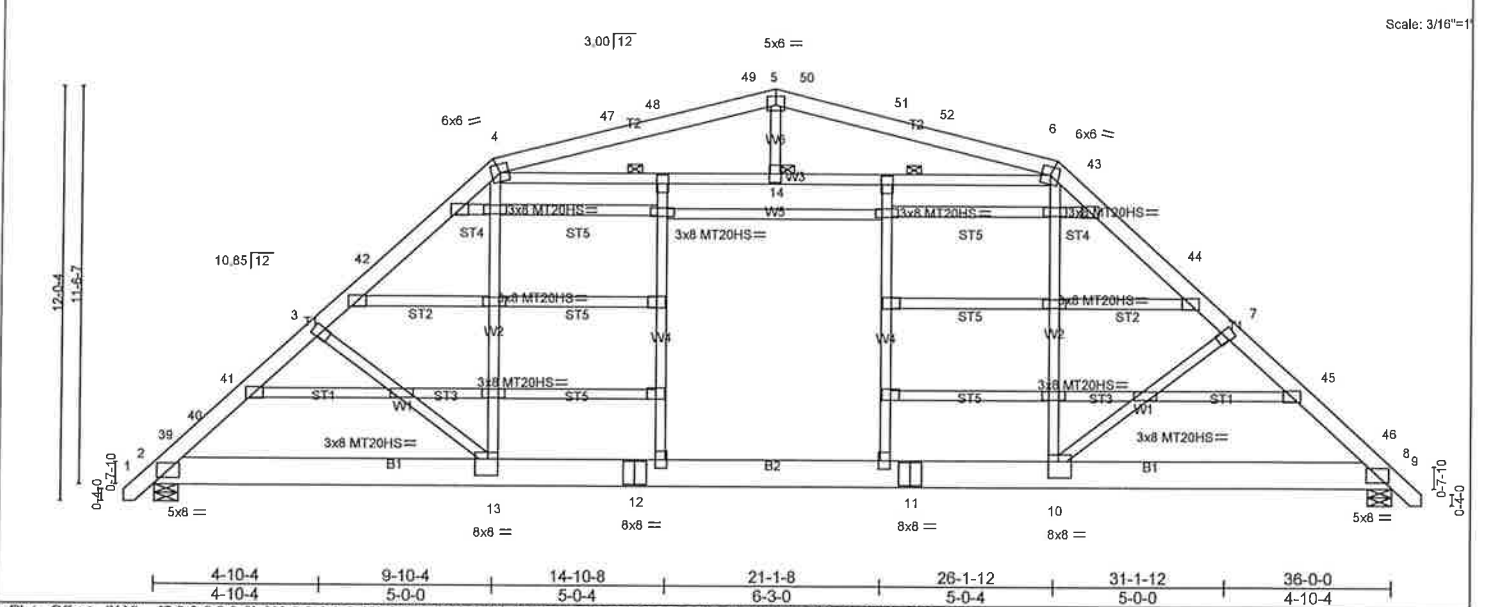


Plate Offsets (X,Y) - [5:0-3-0,0-3-0], [10:0-3-8,0-5-12], [13:0-3-8,0-5-12], [15:0-3-0,0-0-8], [17:0-3-0,0-0-0], [22:0-3-0,0-0-0], [23:0-3-0,0-0-0]					
LOADING (psf)	SPACING-	CSI	DEFL.	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.76	in (loc) l/defl L/d	MT20	197/144
TCDL 5.0	Plate Grip DOL 1.15	BC 0.50	Vert(LL) -0.33 10-13 >999 240	MT20HS	148/108
BCLL 0.0 *	Lumber DOL 1.15	WB 0.40	Vert(CT) -0.46 10-13 >927 180		
BCDL 5.0	Rep Stress Incr NO	Matrix-S	Horz(CT) 0.03 8 n/a n/a		
	Code IBC2021/TPI2014		Attic -0.28 10-13 697 360	Weight: 386 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.1	TOP CHORD Structural wood sheathing directly applied or 4-4-15 oc purlins.
BOT CHORD 2x10 SP 2400F 2.0E	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPF No.2	1 Row at midpt 4-14, 6-14
OTHERS 2x4 SPF No.2	1 Brace at Jt(s): 14

REACTIONS. (lb/size) 2=1955/0-8-8, 8=1955/0-8-8
Max Horz 2=253(LC 12)
Max Uplift 2=291(LC 14), 8=291(LC 15)
Max Grav 2=2142(LC 5), 8=2141(LC 38)

FORCES. (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-39=3043/546, 39-40=3018/548, 40-41=3001/552, 3-41=2904/562, 3-42=2829/526, 4-42=2740/539, 6-43=2618/539, 43-44=2740/538, 7-44=2829/526, 7-45=2904/562, 45-46=3018/552, 8-46=3043/546, 8-9=0/45, 4-47=1628/662, 47-48=1555/663, 48-49=1540/668, 5-49=1476/669, 5-50=1477/669, 50-51=1540/668, 51-52=1555/663, 6-52=1628/662
BOT CHORD 2-13=259/2127, 12-13=7/2028, 11-12=7/2028, 10-11=7/2028, 8-10=229/2114
WEBS 4-14=978/34, 6-14=978/34, 4-13=14/1188, 6-10=14/1187, 5-14=0/188, 3-13=439/336, 7-10=439/336

- NOTES-
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=126mph (3-second gust) Vasd=100mph; TCDL=3.0psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) -0-8-10 to 2-8-3, Interior(1) 2-8-3 to 6-5-14, Exterior(2R) 6-5-14 to 13-3-7, Interior(1) 13-3-7 to 14-7-3, Exterior(2R) 14-7-3 to 21-4-13, Interior(1) 21-4-13 to 22-8-9, Exterior(2R) 22-8-9 to 29-6-2, Interior(1) 29-6-2 to 33-3-13, Exterior(2E) 33-3-13 to 36-8-10 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; P=30.0 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 4x6 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.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Ceiling dead load (5.0 psf) on member(s), 4-14, 6-14; Wall dead load (5.0psf) on member(s), 4-13, 6-10
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room, 10-13
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 291 lb uplift at joint 2 and 291 lb uplift at joint 8.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard



11/06/2024

Job	Truss	Truss Type	Qty	Ply	
24110146B	GA36GE2	GABLE	1	1	LII Duck, LLC 357998-007 Job Reference (optional)

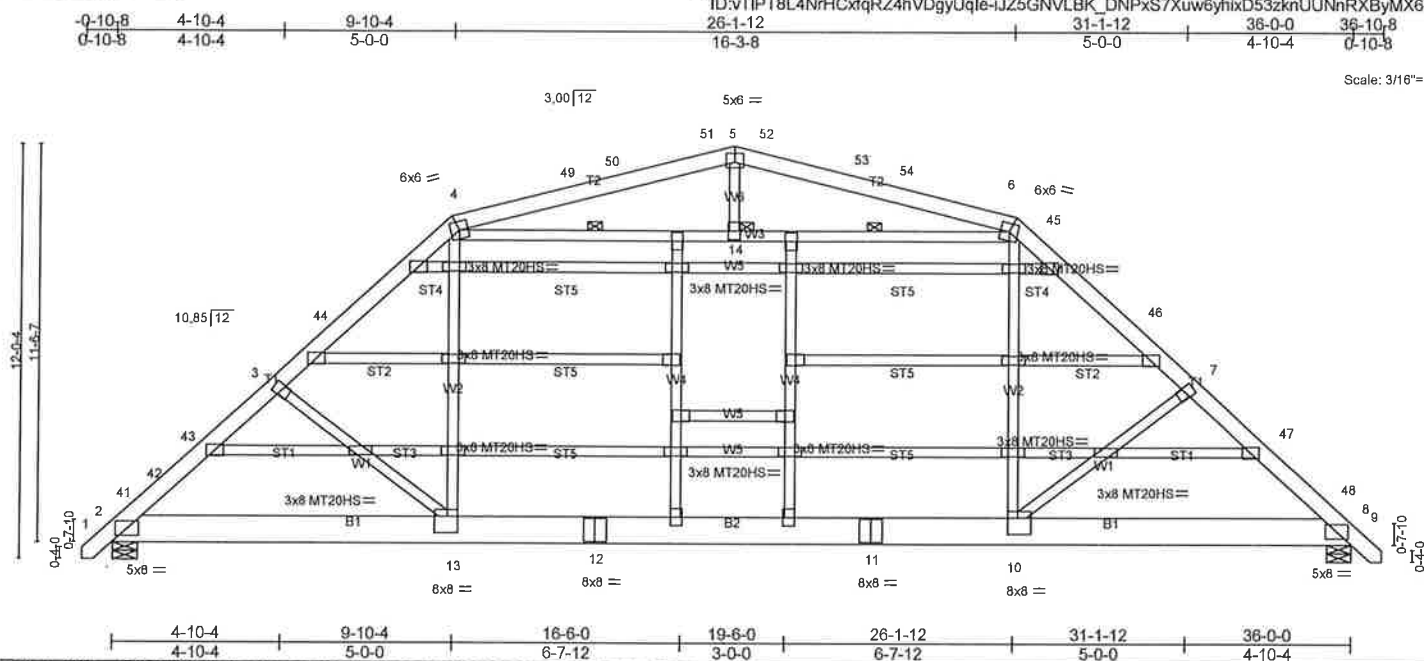
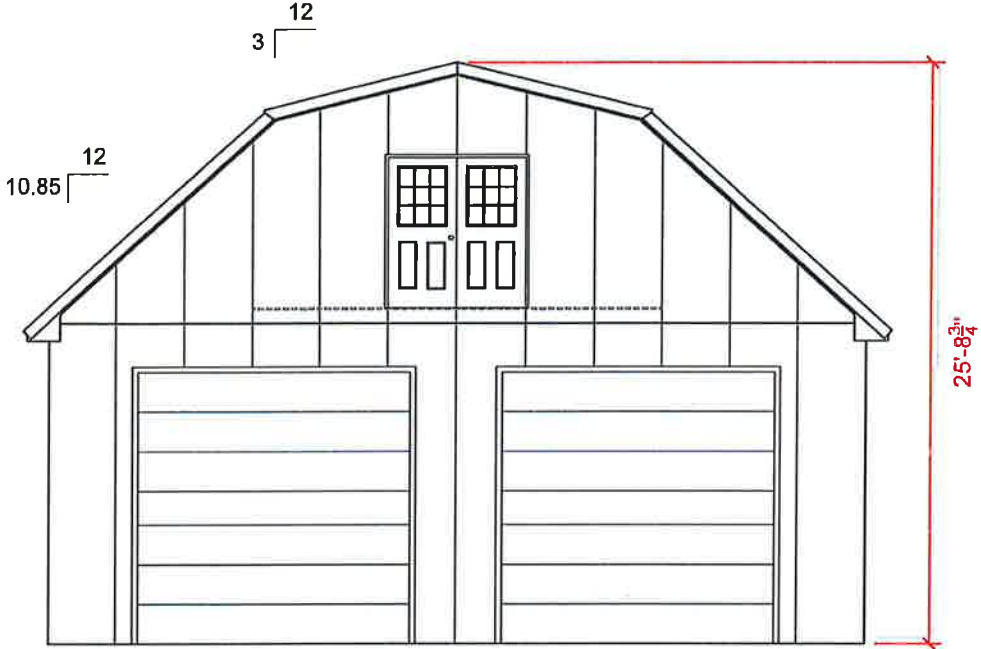


Plate Offsets (X,Y) = [5-0-3-0-0-3-0], [10-0-3-8-0-5-12], [13-0-3-8-0-5-12], [15-0-3-0-0-0-8], [17-0-3-0-0-0-0]									
LOADING (psf)		SPACING- 2-0-0		CSI,		DEFL		PLATES GRIP	
TCLL	30.0	Plate Grip DOL	1.15	TC	0.76	in (loc)	I/defl	L/d	
TCDL	5.0	Lumber DOL	1.15	BC	0.50	Vert(LL)	-0.33 10-13	>999	240
BCLL	0.0	Rep Stress Incr	NO	WB	0.40	Vert(CT)	-0.46 10-13	>927	180
BCDL	5.0	Code IBC2021/TP12014		Matrix-S		Horz(CT)	0.03 8	n/a	n/a
						Attic	-0.28 10-13	697	360
								Weight: 401 lb	FT = 20%

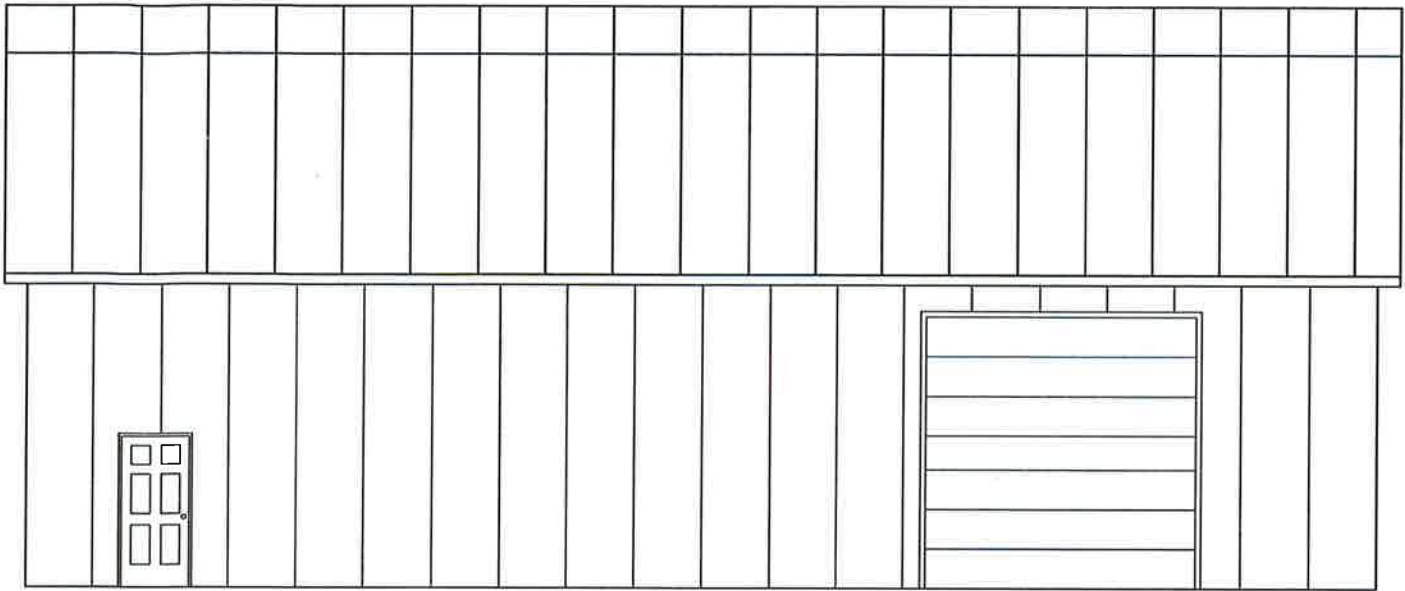
LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x10 SP 2400F 2.0E
WEBS 2x4 SPF No.2
OTHERS 2x4 SPF No.2

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

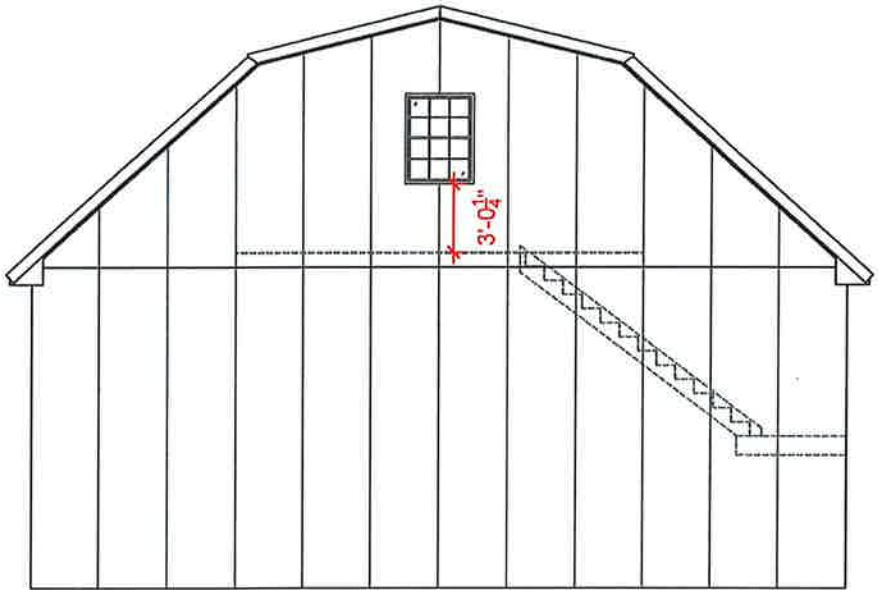




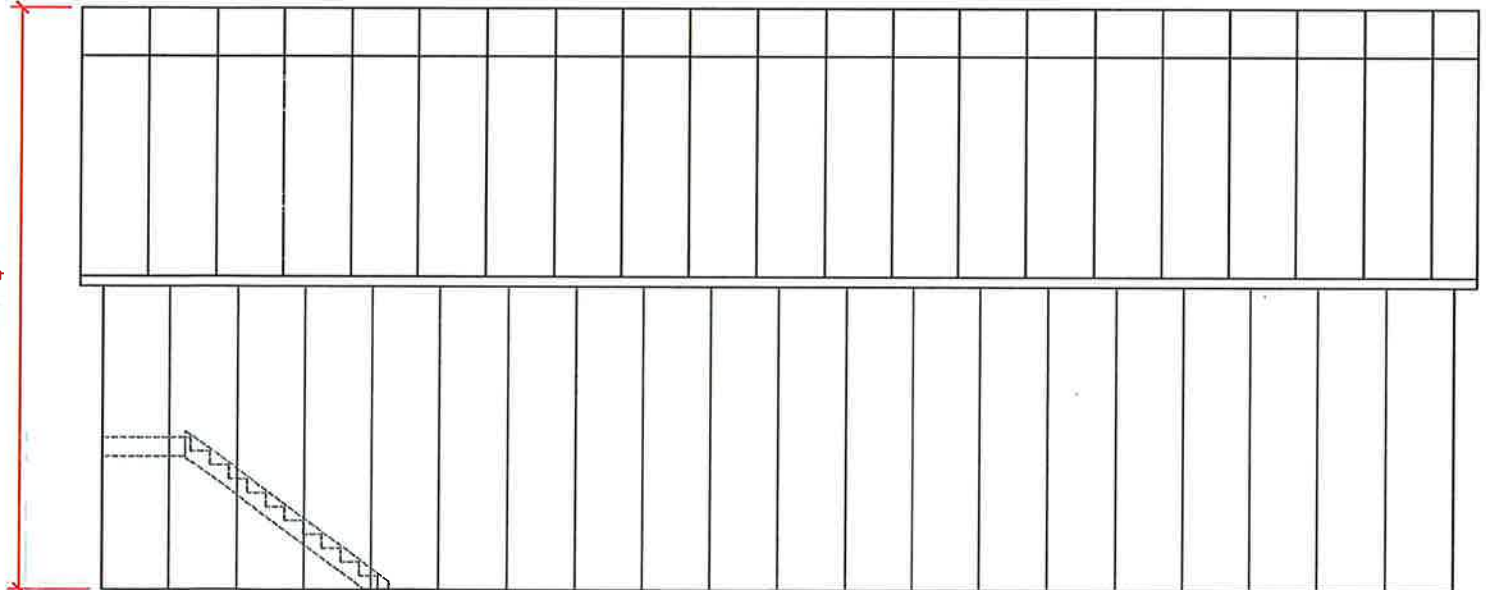
GABLE # 1



EAVE # 1



GABLE # 2



EAVE # 2

Eave #2:
Gable #1: Front
Eave #1: Front
Gable #2:

Revisions:

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BUILDING SIZE: 36x60x14'-6"

DRAWN BY:
ART GILMORE
CHECKED BY:
DFW

Job Number:
LIL-DUCK-001

DATE:
11/4/2024

SHEET:
Elevations

PPB. Inc.

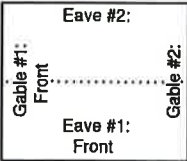
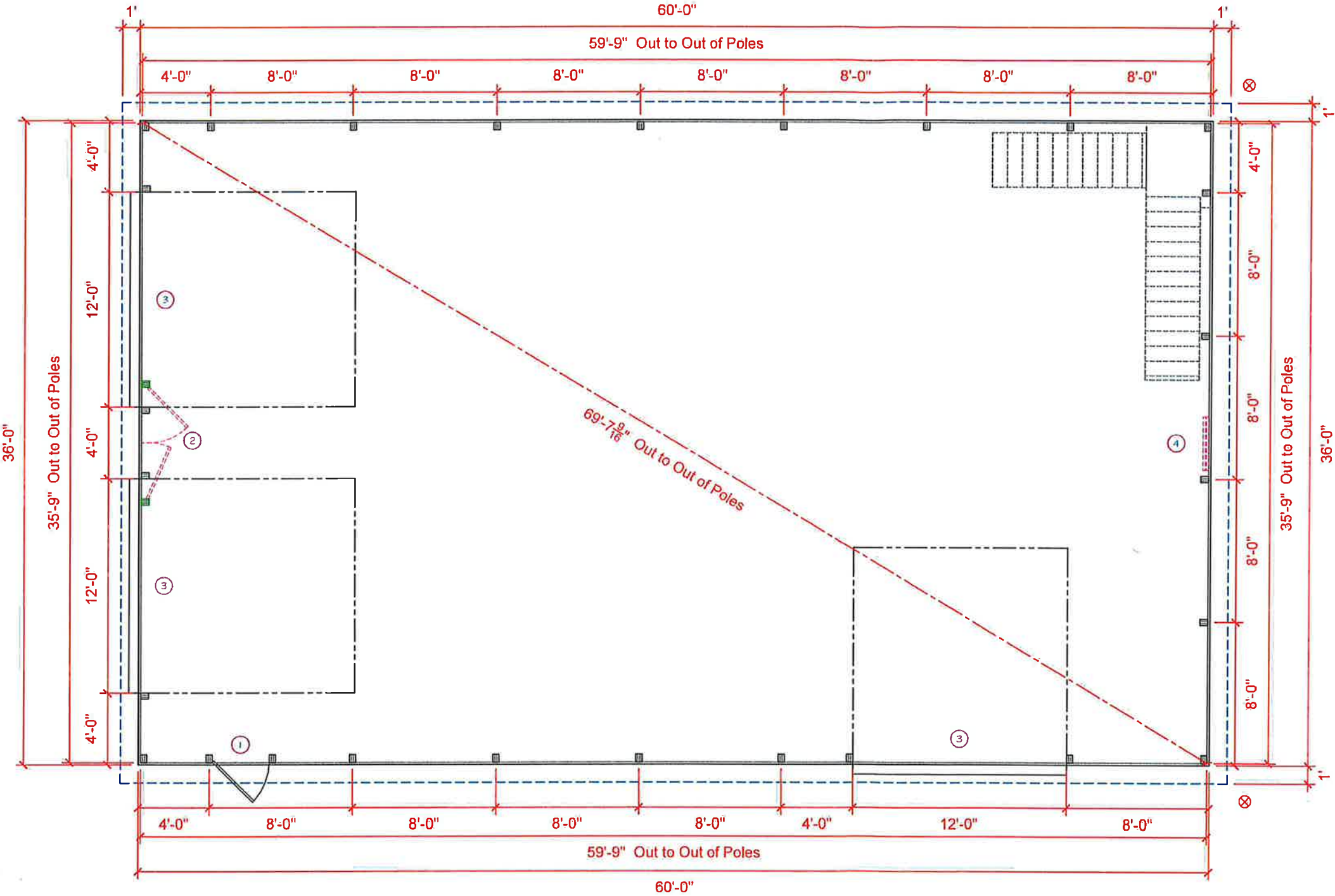
Pioneer Pole Buildings, Inc.
716 South Rt. 183
Schuylkill Haven, PA 17972
1-888-448-2505 Toll Free

JOB SITE ADDRESS:
2400 ATLANTIC AVENUE
ATLANTIC CITY, NJ 08401

CUSTOMER ADDRESS:
LIL-DUCK LLC
JOHN C. EXADAKTILOS
2400 ATLANTIC AVENUE
ATLANTIC CITY, NJ 08401
H (609) 432-2831
C (609) 576-0596



Contract # - 357998-010



⊗ DOWNSPOUT LOCATION

WINDOW & DOOR SCHEDULE

SYM	TYPE OF WINDOW / DOOR	NOMIN.	R.O.
①	ENTRY DOOR	3068	38" x 82 1/2"
②	ENTRY DOOR 2 ND FLOOR	6068	75" x 82 1/2"
③	OVERHEAD DOOR	12x12	12'-0" x 12'-4"
④	Single Hung Window w/ Grds & Screen 2 ND FLOOR	3040	36" x 48"

Revisions:

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BUILDING SIZE: 36x60x14'-6"

DRAWN BY:
ART GILMORE
CHECKED BY:
DFW

Job Number:
LIL-DUCK-001

DATE:
11/4/2024

SHEET:
Pole Plan

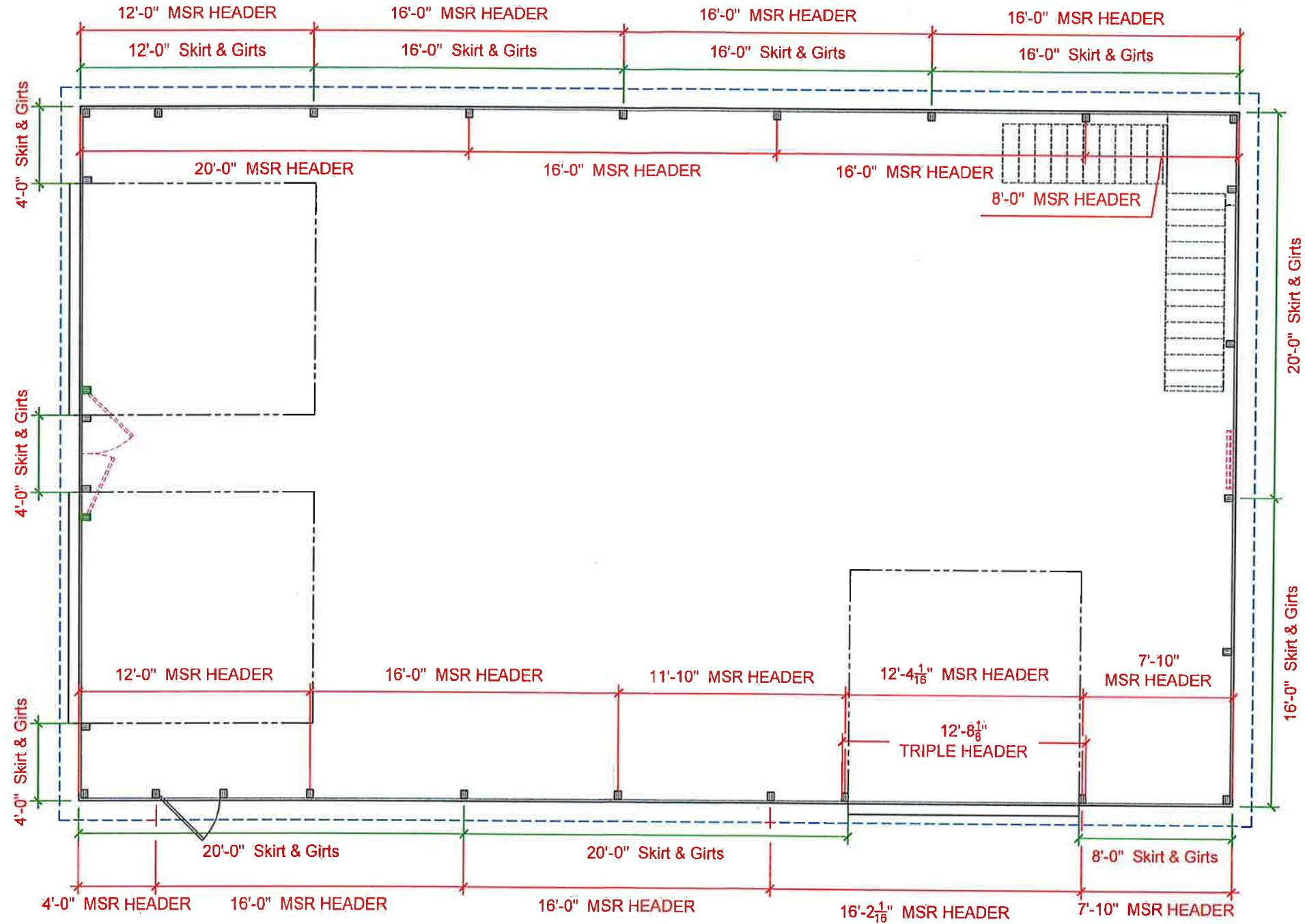
PPB. Inc.

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

JOB SITE ADDRESS:
2400 ATLANTIC AVENUE
ATLANTIC CITY, NJ 08401

CUSTOMER ADDRESS:
LIL-DUCK LLC
JOHN C. EXADAKTILOS
2400 ATLANTIC AVENUE
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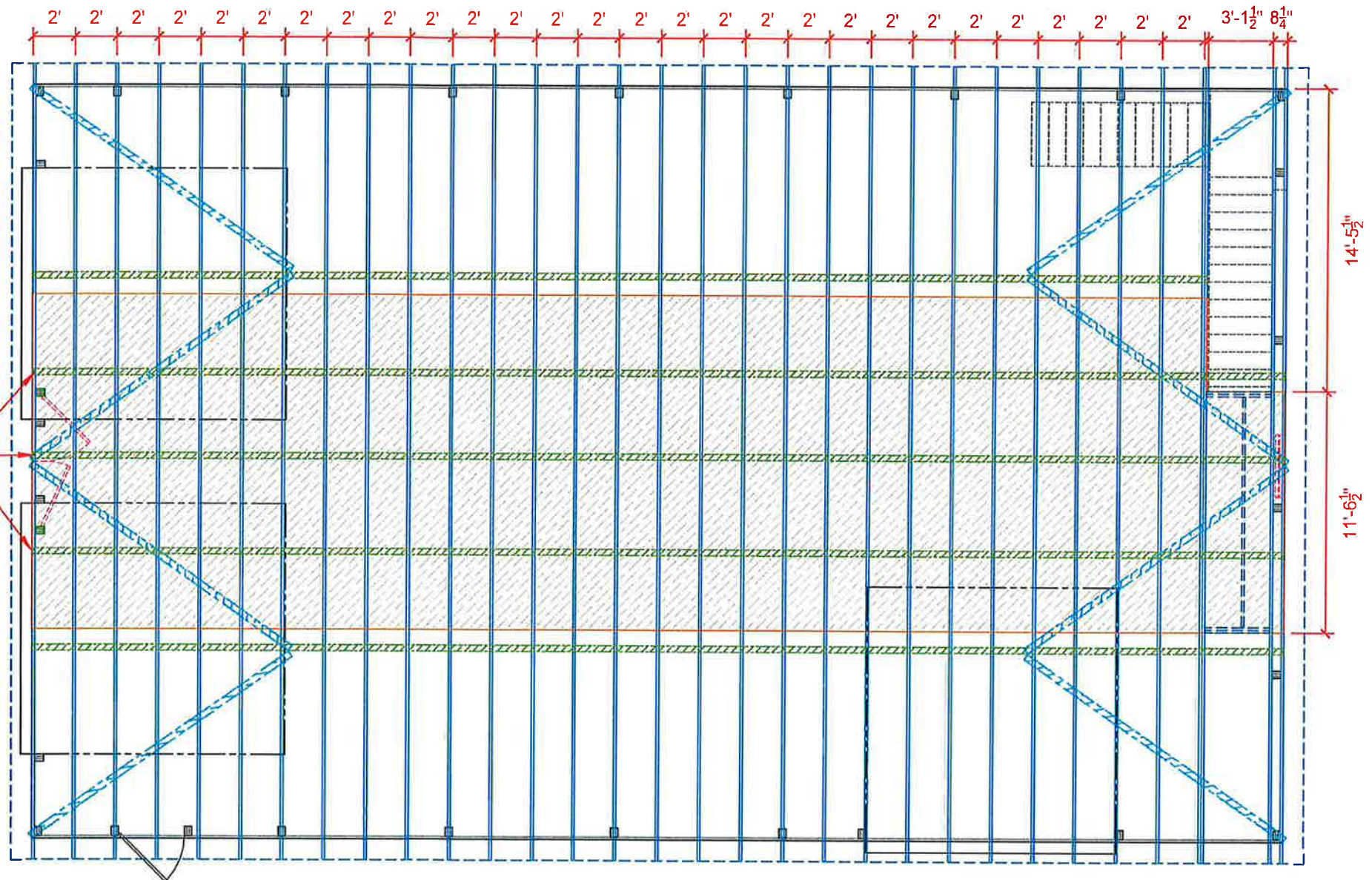
BUILDING SIZE: 36x60x14'-6"		DATE: 11/4/2024	
DRAWN BY: ART GILMORE	Job Number: LIL-DUCK-001	SHEET: Headers, Girts & Skirt	
CHECKED BY: DFW			
PPB. Inc. Pioneer Pole Buildings, Inc. 716 South Rt. 183 Schuylkill Haven, PA 17972 1-888-448-2505 Toll Free		JOB SITE ADDRESS: 2400 ATLANTIC AVENUE ATLANTIC CITY, NJ 08401	CUSTOMER ADDRESS: LIL-DUCK LLC JOHN C. EXADAKTILOS 2400 ATLANTIC AVENUE ATLANTIC CITY, NJ 08401 H (609) 432-2831 C (609) 576-0596



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

BOTTOM CHORD
BRACING IN THE
WEB ABOVE THE
FLOOR

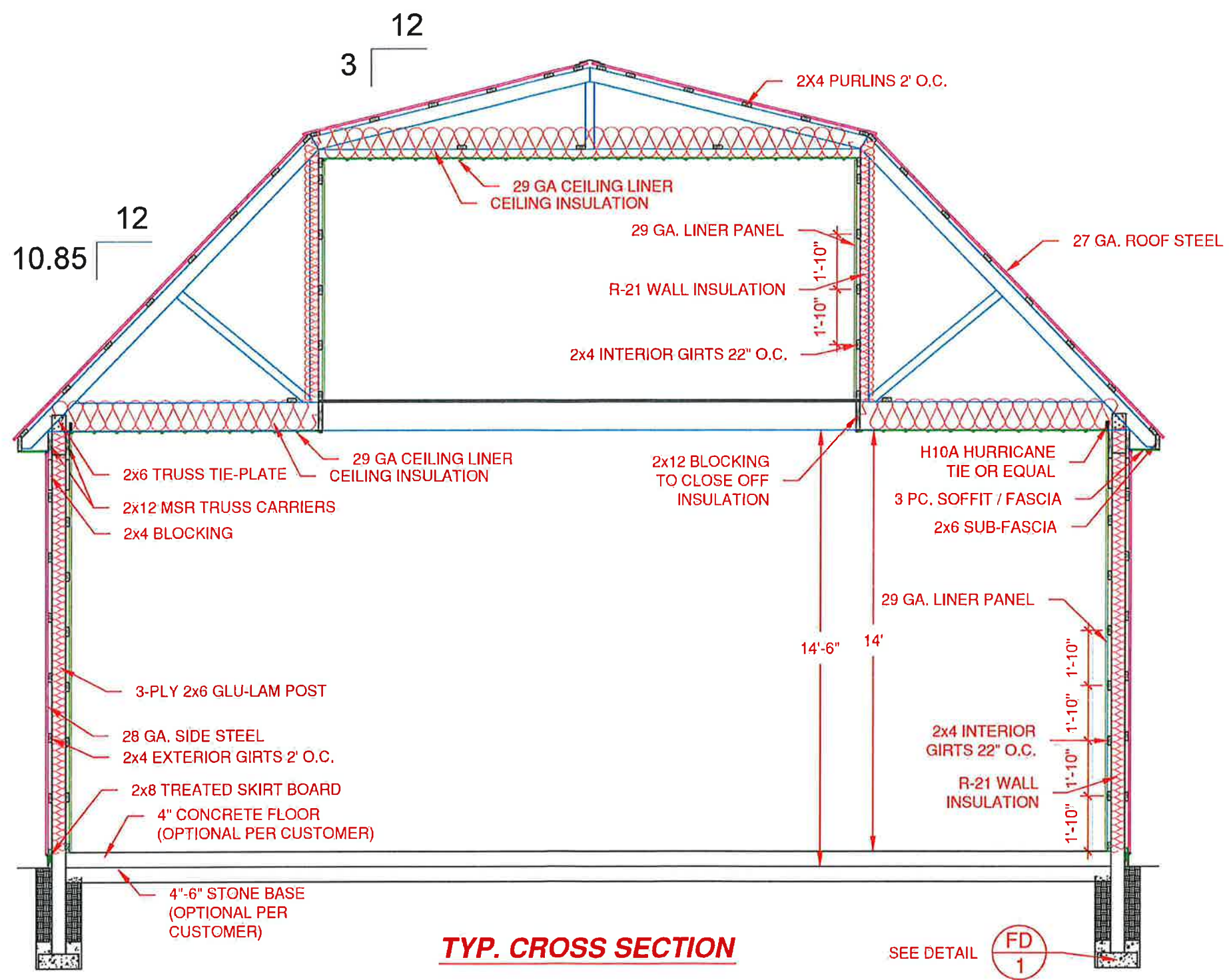


	TRUSSES
	OVERHANG
	BOTTOM CHORD BRACING
	TOP CHORD CORNER BRACING

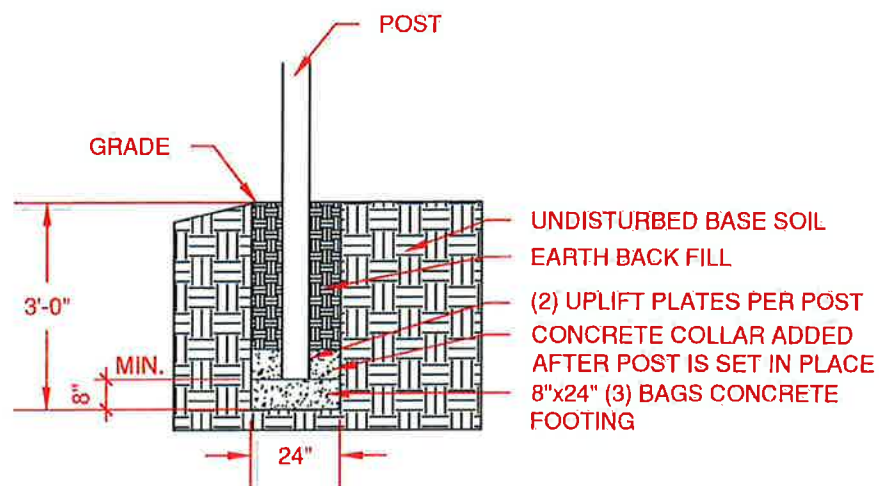
Revisions:

A circular professional engineer seal for the State of New Jersey. The outer ring contains the text "STATE OF NEW JERSEY" at the top and "LICENSED PROFESSIONAL ENGINEER" at the bottom, separated by stars. The inner circle contains the name "DAVID F. WALASAVAGE" and the license number "No. GE60935". A handwritten signature is scrawled across the bottom of the seal.

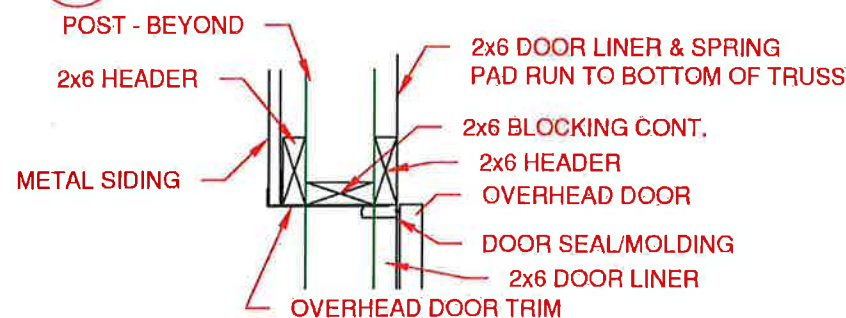
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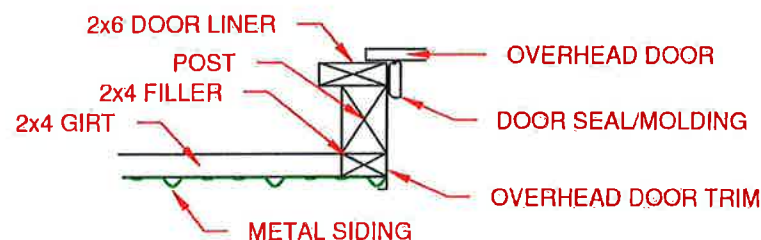
Revisions:	BUILDING SIZE: 36x60x14'-6"		DATE: 11/4/2024	<div><div>STATE OF NEW JERSEY</div><div>DAVID F. WALASAVAGE</div><div>No. GE60935</div><div>LICENSED PROFESSIONAL ENGINEER</div></div>
	DRAWN BY: ART GILMORE		SHEET: TYP	
	CHECKED BY: DFW		Cross Section	
	Job Number: LIL-DUCK-001			
PPB. Inc. Pioneer Pole Buildings, Inc. 716 South Rt. 183 Schuylkill Haven, PA 17972 1-888-448-2505 Toll Free		JOB SITE ADDRESS: 2400 ATLANTIC AVENUE ATLANTIC CITY, NJ 08401	CUSTOMER ADDRESS: LIL-DUCK LLC JOHN C. EXADAKTILOS 2400 ATLANTIC AVENUE ATLANTIC CITY, NJ 08401 H (609) 432-2831 C (609) 576-0596	
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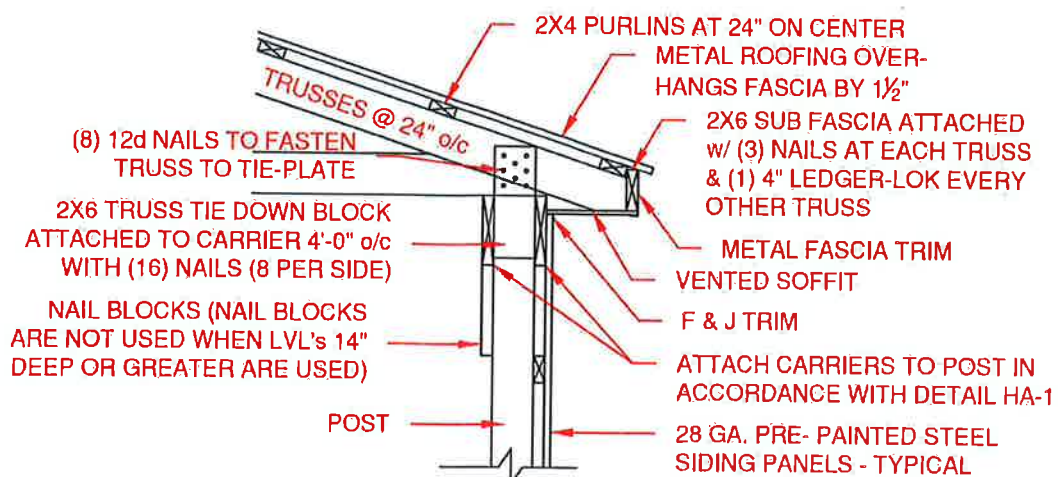
FD 1
FOOTER DETAIL



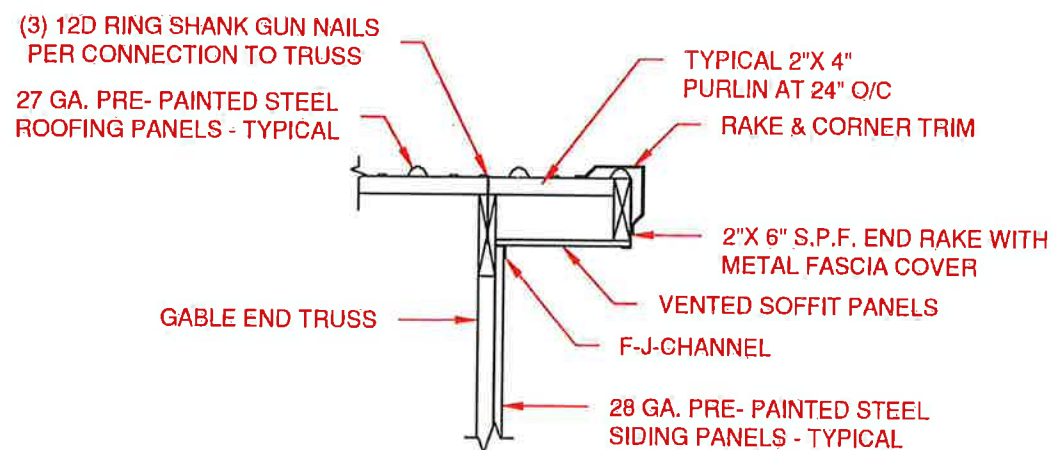
OD 1
O.H. DOOR HEADER DETAIL



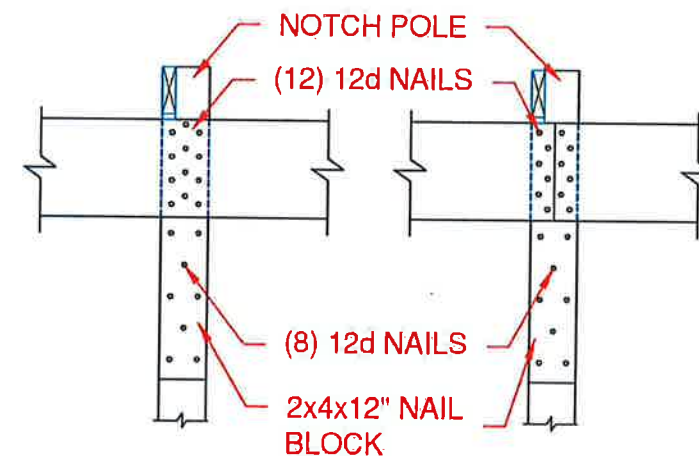
OD 2
O.H. DOOR JAMB DETAIL



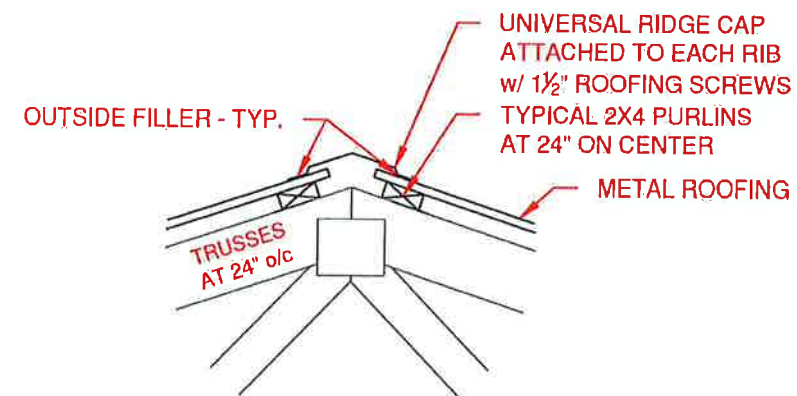
RE 1
STEEL ROOF EDGE DETAIL



GD 1
TYPICAL GABLE OVERHANG DETAIL



CONTINUOUS
SPLICED
HA 1
2X12 MSR OR BETTER
HEADER ATTACHMENT

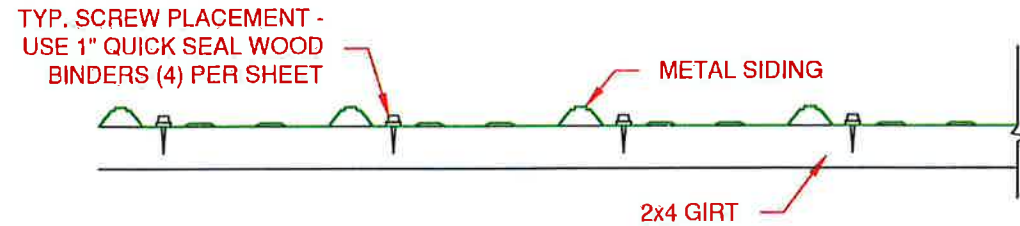


SR 1
STEEL ROOF RIDGE DETAIL

Revisions:

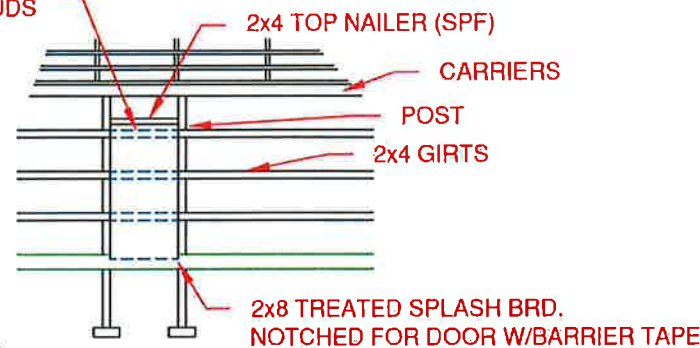
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BUILDING SIZE: 36x60x14'-6"		DATE: 11/4/2024	
DRAWN BY: ART GILMORE	Job Number: LIL-DUCK-001	SHEET: Detail A	
CHECKED BY: DFW			
PPB. Inc. Pioneer Pole Buildings, Inc. 716 South Rt. 183 Schuylkill Haven, PA 17972 1-888-448-2505 Toll Free		JOB SITE ADDRESS: 2400 ATLANTIC AVENUE ATLANTIC CITY, NJ 08401	CUSTOMER ADDRESS: LIL-DUCK LLC JOHN C. EXADAKTILOS 2400 ATLANTIC AVENUE ATLANTIC CITY, NJ 08401 H (609) 432-2831 C (609) 576-0596



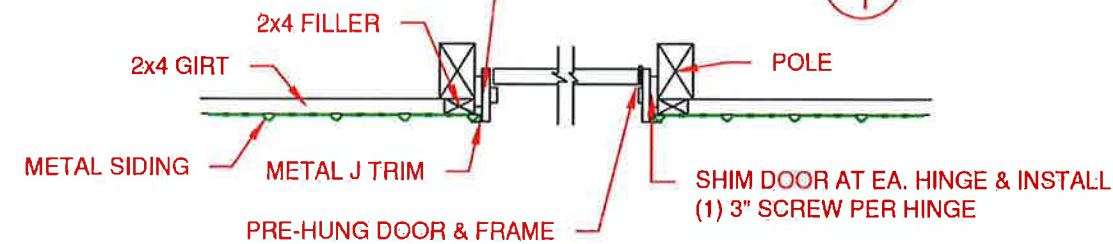
SS 1 SIDING SCREW PATTERN DETAIL

REMOVE THIS SECTION OF GIRTS AFTER ATTACHING TO JACK STUDS

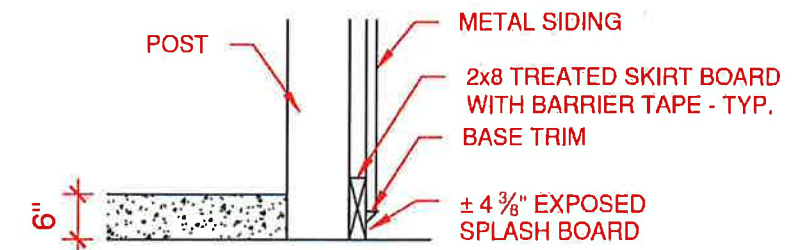


SD 1 SERVICE DOOR FRAMING DETAIL

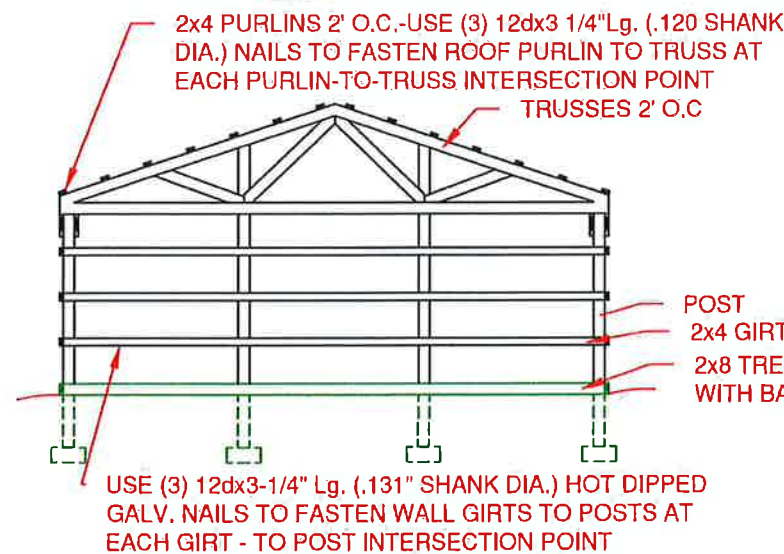
SHIM DOOR AT KNOBS & 6" FROM TOP & BOTTOM OF DOOR ATTACHED TO POLES W/ 3" SCREWS



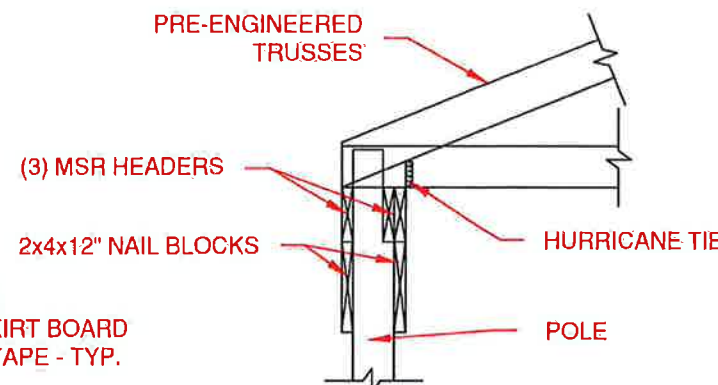
SD 2 SERVICE DOOR JAMB DETAIL



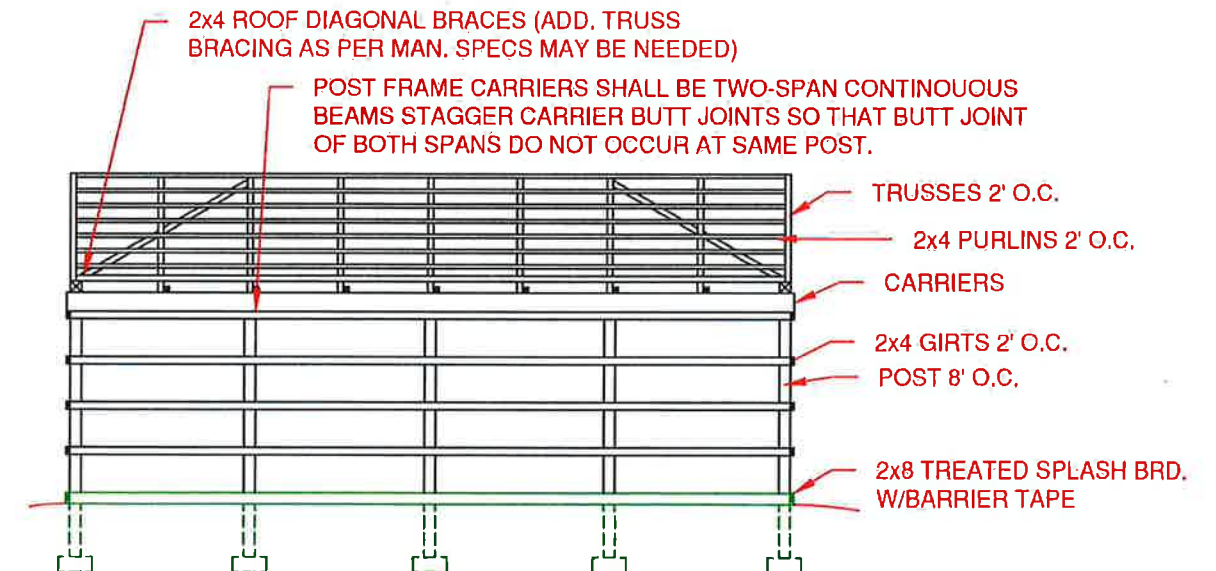
BT 1 BASE TRIM DETAIL



GF 1 GENERAL GABLE VIEW DETAIL



TH 1 TRIPLE HEADER @ O.H.D. DETAIL



EF 1 GENERAL EAVE VIEW DETAIL

Revisions:

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BUILDING SIZE: 36x60x14'-6"

DRAWN BY:
ART GILMORE
CHECKED BY:
DFW

Job Number:
LIL-DUCK-001

DATE:
11/4/2024
SHEET:
Detail B

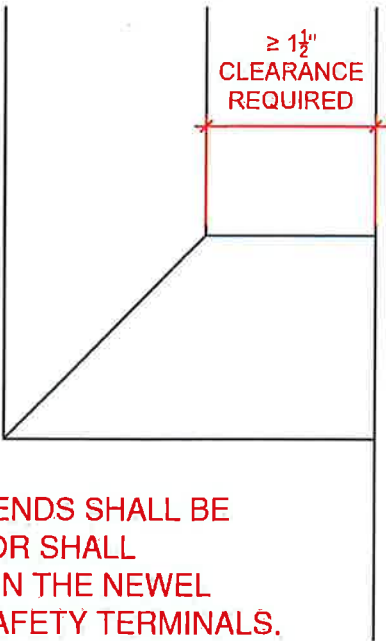
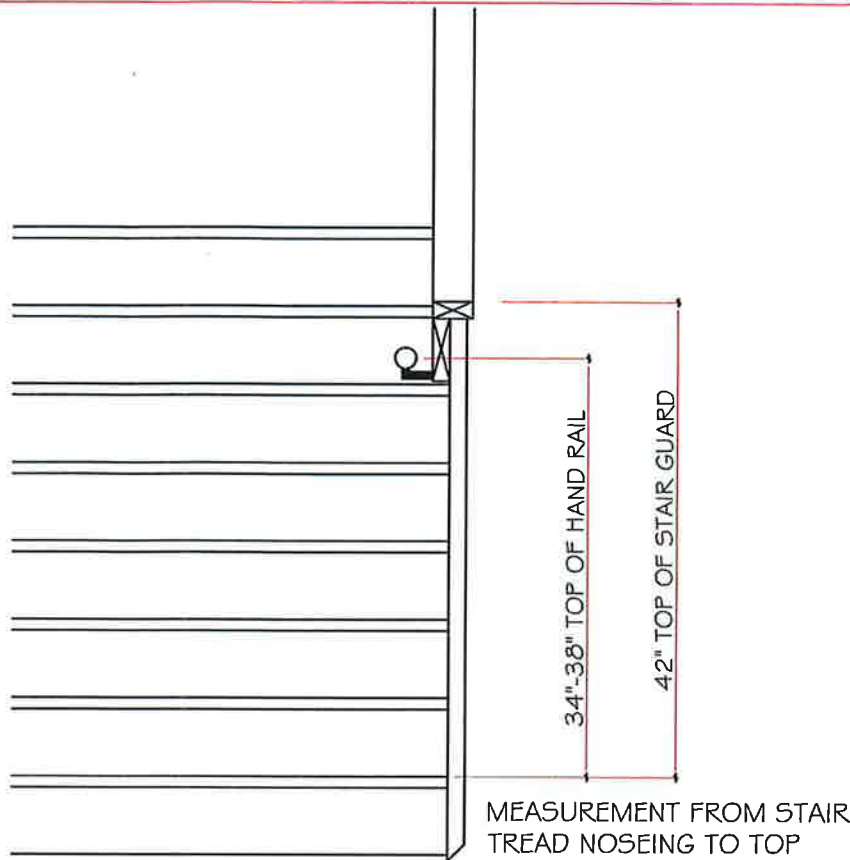
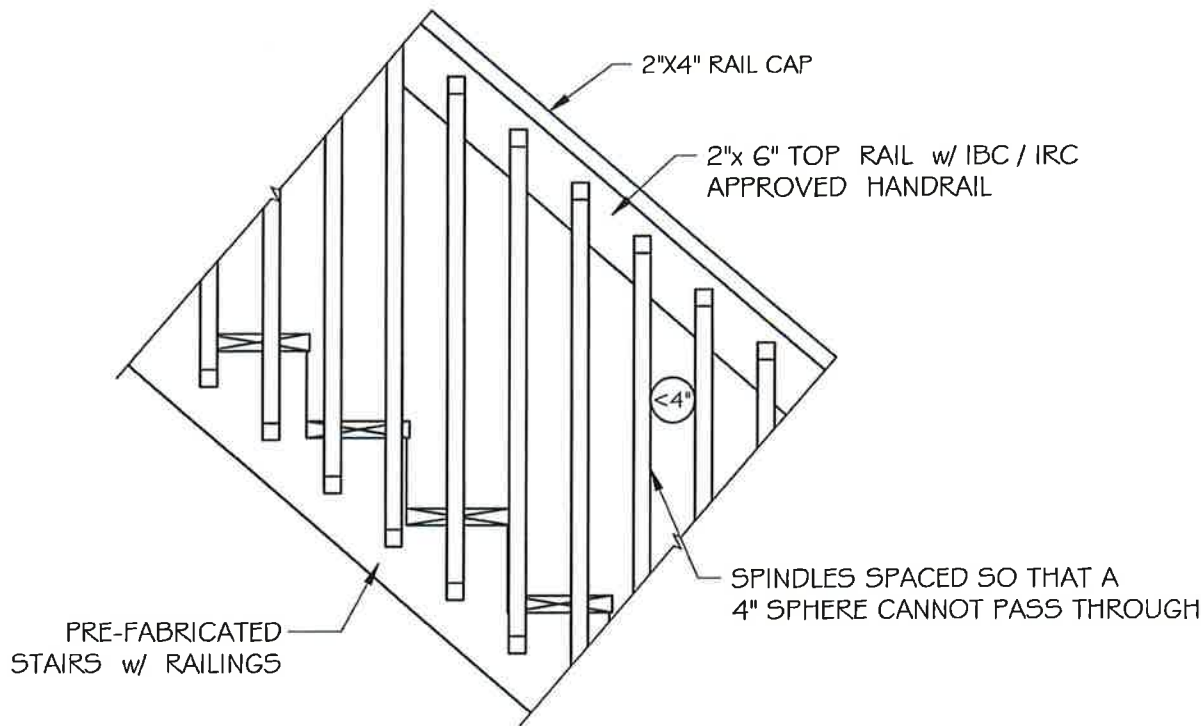
PPB. Inc.
Pioneer Pole Buildings, Inc.
716 South Rt. 183
Schuylkill Haven, PA 17972
1-888-448-2505 Toll Free

JOB SITE ADDRESS:
2400 ATLANTIC AVENUE
ATLANTIC CITY, NJ 08401

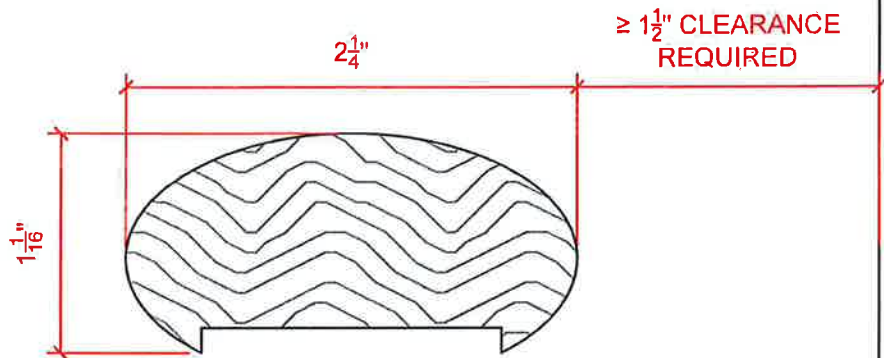
CUSTOMER ADDRESS:
LIL-DUCK LLC
JOHN C. EXADAKTILOS
2400 ATLANTIC AVENUE
ATLANTIC CITY, NJ 08401
H (609) 432-2831
C (609) 576-0596



Contract # - 357998-010



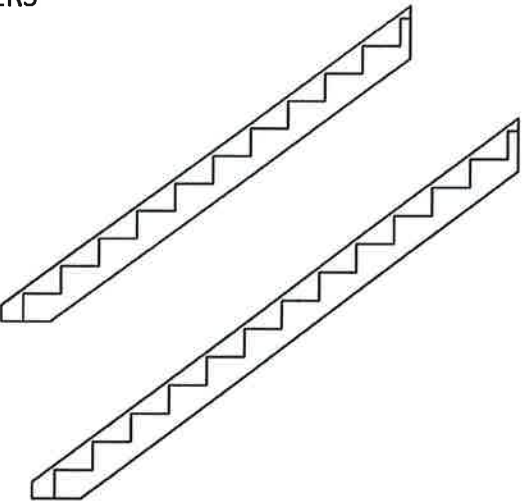
HANDRAILS ENDS SHALL BE RETURNED OR SHALL TERMINATE IN THE NEWEL POSTS OF SAFETY TERMINALS.



36" OUT TO OUT STAIRS
#2 YELLOW PINE STRINGERS, TREADS, RISERS
A & K STRINGER CUTS

LOWER RUN
11 RISERS @ 7 5/16"
TOTAL RISE 6'-8 7/16"
10 TREADS @ 10"
TOTAL RUN 8'-6 3/4"

UPPER RUN
13 RISERS @ 7 1/2"
TOTAL RISE 8'-1 1/2"
12 TREADS @ 10"
TOTAL RUN 10'-2 3/4"



Revisions:

BUILDING SIZE: 36x60x14'-6"

DATE: 11/4/2024

DRAWN BY: ART GILMORE
CHECKED BY: DFW

Job Number: LIL-DUCK-001

SHEET: Stairs

PPB. Inc.

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

JOB SITE ADDRESS:
2400 ATLANTIC AVENUE
ATLANTIC CITY, NJ 08401

CUSTOMER ADDRESS:
LIL-DUCK LLC
JOHN C. EXADAKTILOS
2400 ATLANTIC AVENUE
ATLANTIC CITY, NJ 08401
H (609) 432-2831
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General Notes:

Foundations:

- A. Bottom of all exterior footings shall be minimum of 3'-0" below finished grade. Minimum size 8" high x 24" round or as noted.
- B. Assumed design soil bearing pressure = 2,000 PSF U.N.O.
- C. Minimum concrete footing strength to be 3,500 PSI at 28 days.

Concrete Floor:

- A. The floor thickness shall be a minimum of 4", or per plans
- B. A minimum of 4,000 PSI concrete w/ Fibermesh reinforcement or equivalent reinforcement
- C. Expansion and control joints as needed
- D. 6-mill poly vapor barrier shall be installed between the floor slab and base material, joints lapped 6" minimum
 - D.1. The vapor barrier is not required in R-3 detached unheated buildings, or for exposed exterior flat work

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 CCA, .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, .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 without the prior review and written approval of Pioneer Pole Buildings, Inc. and the building design professional.
- 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 and needs the written approval of Pioneer Pole Buildings, Inc. and the building design professional.
- 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

TRUSS CARRIERS USED TO BE EQUAL TO OR BETTER THAN 2x12 MSR 2400f - 2.0e
TRIPLE HEADER AT EAVE #1 OHD

1' OVERHANG ALL WALLS
GUTTER W/ DOWNSPOUTS

¾" T&G SUBFLOOR
STAIRS & RAILINGS TO CODE
R-21 W/ WALL LINER - FIRST FLOOR & ATTIC ROOM
R-38 W/ CEILING LINER - ATTIC ROOM AND EITHER SIDE OF THE ATTIC ON THE FIRST FLOOR

HURRICANE TIES USED = RT16A (USP CONNECTORS)
UNIVERSAL RIDGE VENT
IBC USE GROUP UTILITY

APPROVED LUMBER SUBSTITUTES	
2x10 SYP #1 - sub	2x8 MSR 2400f - 2.0e
2x12 SYP #1 - sub	2x10 MSR 2400f - 2.0e
1.5" x 9.25" LVL - sub	2x12 MSR 2400f - 2.0e

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

Revisions:

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BUILDING SIZE: 36x60x14'-6"		DATE: 11/4/2024	Notes
DRAWN BY: ART GILMORE	Job Number:	SHEET:	
CHECKED BY: DFW	LIL-DUCK-001		
PPB. Inc. Pioneer Pole Buildings, Inc. 716 South Rt. 183 Schuylkill Haven, PA 17972 1-888-448-2505 Toll Free		JOB SITE ADDRESS: 2400 ATLANTIC AVENUE ATLANTIC CITY, NJ 08401	CUSTOMER ADDRESS: LIL-DUCK LLC JOHN C. EXADAKTILOS 2400 ATLANTIC AVENUE ATLANTIC CITY, NJ 08401 H (609) 432-2831 C (609) 576-0596

