Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: _____

Permit No.: B1900330S

Building Address: 11613 Patapsco overlook Ct
City: Ellicott City State: MD Zip Code: 21771
Suite/Apt. #: _____ SDP/WP/BA #: _____
Census Tract: _____ Subdivision: _____
Section: 1 Area: 3.01ac Lot: 3
Tax Map: 2 Parcel: 337 Grid: 24
Zoning: _____ Map Coordinates: _____ Lot Size: 3.01ac

Existing Use: Residential
Proposed Use: Residential
Estimated Construction Cost: $ 40,000.00
Description of Work: construct a 30'x50' detached garage

Occupant/Tenant Name: N/A - owner
Was tenant space previously occupied? ☐Yes ☐No
Contact Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Property Owner's Name: George & Susan Frato
Address: 11613 Patapsco overlook Ct
City: Ellicott City State: MD Zip Code: 21771
Phone: 443 604-0004 Fax: _____
Email: GFratto@gmail.com

Applicant's Name & Mailing Address, (If other than stated herein)
Applicant's Name: Bertus
Address: 3130 Landau Blvd
City: Cuyahoga State: MD Zip Code: 21784
Phone: 443-345-0955 Fax: _____
Email: Bertus21@gmail.com

Contractor Company: owner
Contact Person: _____
Address: _____
City: _____ State: _____ Zip Code: _____
License No.: _____
Phone: _____ Fax: _____
Email: _____

Engineer/Architect Company: _____
Responsible Design Prof.: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Commercial Building Characteristics	Residential Building Characteristics
Height:	☑ SF Dwelling ☐ SF Townhouse
No. of stories:	**Depth** **Width**
Gross area, sq. ft./floor:	1st floor: 3
	2nd floor:
Area of construction (sq. ft.):	Basement:
	☐ Finished Basement
Use group:	☐ Unfinished Basement
	☐ Crawl Space
Construction type:	☐ Slab on Grade
☐ Reinforced Concrete	No. of Bedrooms:
☐ Structural Steel	***Multi-family Dwelling***
☐ Masonry	No. of efficiency units:
☐ Wood Frame	No. of 1 BR units:
☐ State Certified Modular	No. of 2 BR units:
	No. of 3 BR units:
	Other Structure:
	Dimensions:
➢ **Roadside Tree Project Permit**	Footings:
☐Yes ☐No	Roof:
Roadside Tree Project Permit #	☐ State Certified Modular
	☐ Manufactured Home

Utilities	
Electric: ☐ Yes ☐ No	
Gas: ☐ Yes ☐ No	
Water Supply	
☐ Public	
☑ Private	
Sewage Disposal	
☐ Public	
☑ Private	
Heating System	
☐ Electric ☐ Oil	
☐ Natural Gas ☐ Propane Gas	
☐ Other:	
Sprinkler System:	
☐ Yes ☐ No	
Grading Permit Number:	
Building Shell Permit Number:	

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 Signature *Print Name*

Email Address *Date* 10/1/19.

Title/Company

Checks Payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**
PLEASE WRITE NEATLY & LEGIBLY

-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	10/15	D Burnard

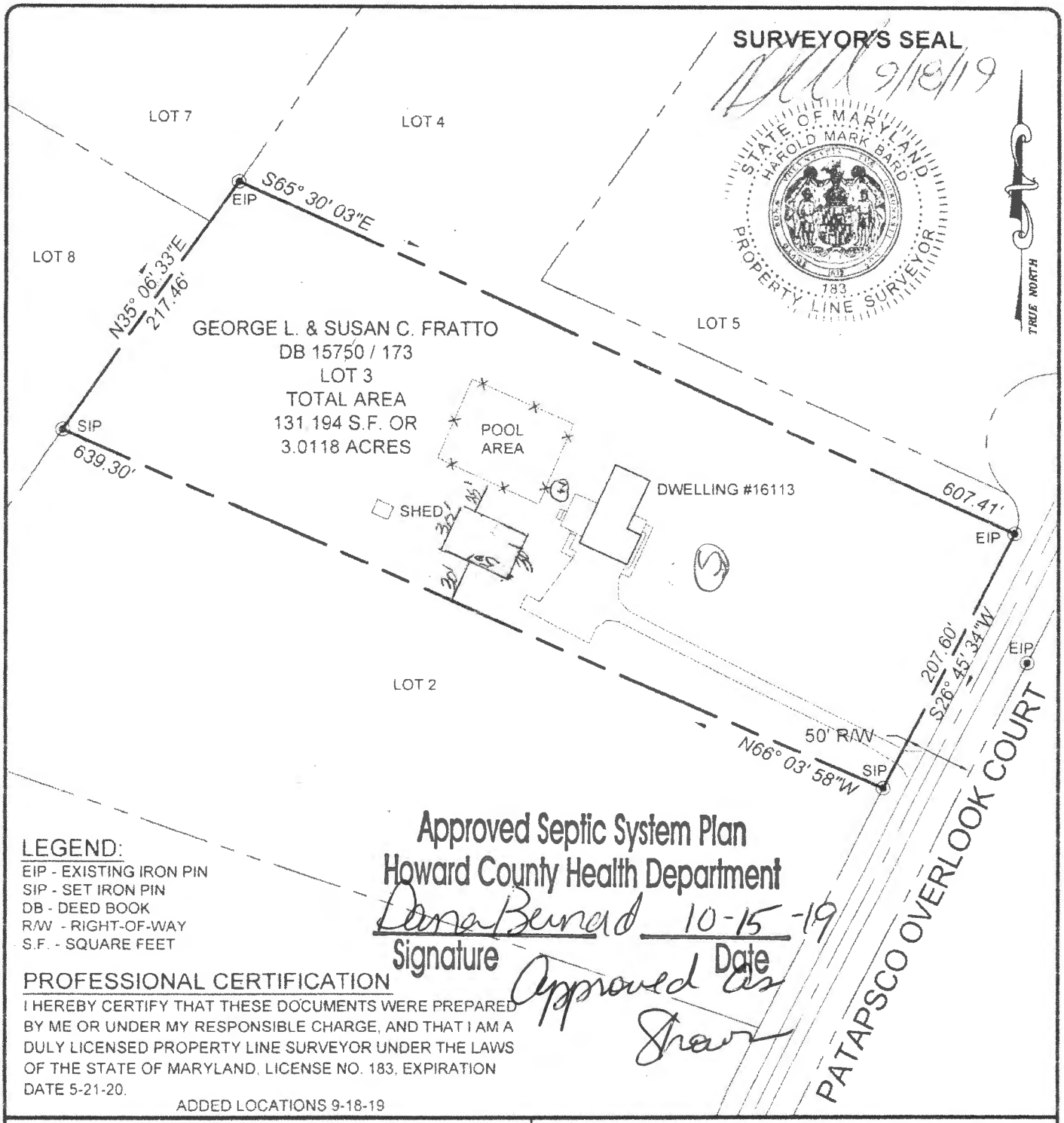
Is Sediment Control approval required for issuance? ☐ Yes ☐ No
☐ CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION	
Front:	
Rear:	
Side:	
Side St.:	
All minimum setbacks met?	☐ Yes ☐No
Is Entrance Permit Required?	☐ Yes ☐No
Historic District?	☐ Yes ☐No
Lot Coverage for New Town Zone:	
SDP/Red-line approval date:	

Filing Fee	$	25
Permit Fee	$	
Tech Fee	$	
Excise Tax	$	
PSFS	$	
Guaranty Fund	$	
Add'l per Fee	$	
Total Fees	$	
Sub- Total Paid	$	
Balance Due	$	
Check	#	1954

ibution of Copies: White: Building Officials Green: PSZA,Zoning Yellow: PSZA,Engineering Pink: Health Gold: SHA

perations\Updated Forms\Building applmp 03.21.2017.docx



LEGEND:

EIP - EXISTING IRON PIN
SIP - SET IRON PIN
DB - DEED BOOK
R/W - RIGHT-OF-WAY
S.F. - SQUARE FEET

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 183, EXPIRATION DATE 5-21-20.

ADDED LOCATIONS 9-18-19

Approved Septic System Plan
Howard County Health Department
Dana Bernard 10-15-19
Signature Date
Approved as Drawn

ALL LAND LLC
LAND SURVEYING

All Land, LLC
225 S. Seventh Street
Chambersburg, PA 17201

Tel: (717) 264-0804
Fax: (717) 264-1321
www.alllandllc.com

BOUNDARY/LOCATION SURVEY

GEORGE L. & SUSAN C. FRATTO
16113 PATAPSCO OVERLOOK COURT

4TH ELECTION DISTRICT, HOWARD COUNTY, MD

DRAWN BY: HMB	JOB NO. 19-172	SCALE 1" = 100'
CHECKED BY: HMB	DATE 7-29-19	SHEET NO. 1 of 1

Invoice Detail

Permit ID #: B19003305
Invoice #: 594375
Invoice Date: 10/15/2019 08:28:29

Period	Fee Item	Qty	Fee
FINAL	Technology Fee	1	$25.58
FINAL	Permit Fee at $0.18 (Enter Total Gross Sq Ft)	1,421	$255.78

Total Fee: $281.36

PERMIT

P 45295

A 31146

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

DISTRICT 4th

DATE 11/20/89

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

04-344510

DATE SYSTEM APPROVED 6/20/89

INSPECTOR CWells

INDEXED

William Cumberland III IS PERMITTED TO INSTALL X ALTER _____

ADDRESS _____ PHONE 489-4457

SUBDIVISION Patapsco Overlook ROAD 16113 Patapsco Overlook Ct LOT 3, Sec.1

PROPERTY OWNER James Wright

ADDRESS 16113 Patapsco Overlook Ct.

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the first trench 160 feet up the left (635') lot line and 65 feet off the same lot line as seen when facing the lot from Patapsco Overlook Court. Run trenches on contour toward the right lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY Sid Abel DATE 6/29/88

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

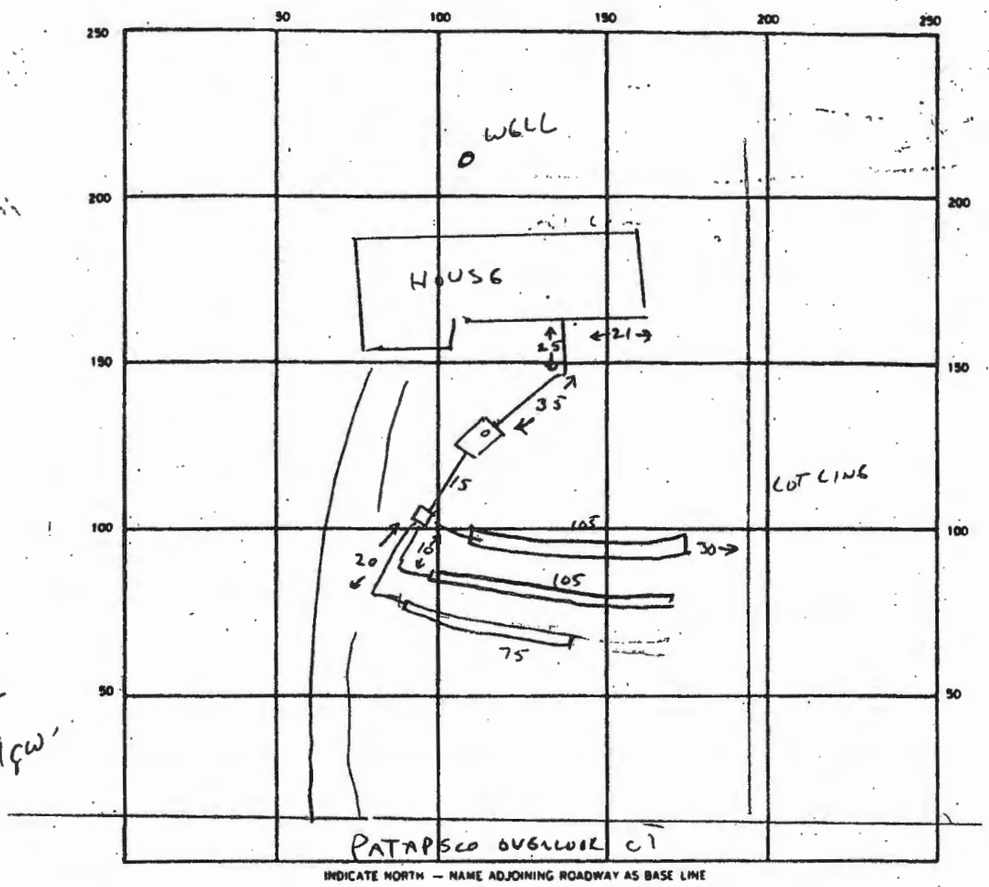
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

A 31146

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

HD-260



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

WELL LINE OK
NO PERMIT
6/26/89 CW

SEPTIC TANK. LEVEL ✓ CLEANOUTS ST ✓

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 5½ FT. TRENCH WIDTH 3 FT. INLET DEPTH 8½ FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 285 FT

NUMBER OF TRENCHES 3 ONE ~~SIDEWALL~~/BOTTOM AREA 855 SQ FT.

DRYWELL INSIDE DIAMETER _____ FT EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 6/26/89 OK TO COVER ALL WORK. CW

DATE SYSTEM APPROVED 6/26/89 INSPECTOR C Williams

MiTek USA, Inc.
6904 Parke East Blvd.
Tampa, FL 33610-4115

Re: 19092249B
Fratto #357950-006

Professional Certification. I hereby certify that The truss drawing(s) referenced below have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by UFP-Gordon, PA. and that I am a duly licensed professional engineer under the laws of the state of Maryland.

My license renewal date for the state of Maryland is July 31, 2020.

Pages or sheets covered by this seal: T18143398 thru T18143398

I certify that this document was prepared or approved by me, and I am a licensed professional engineer under the laws of the State of Maryland.
Lic. No. 45688, Expiration Date: 7/31/2020.

September 18,2019

Velez, Joaquin

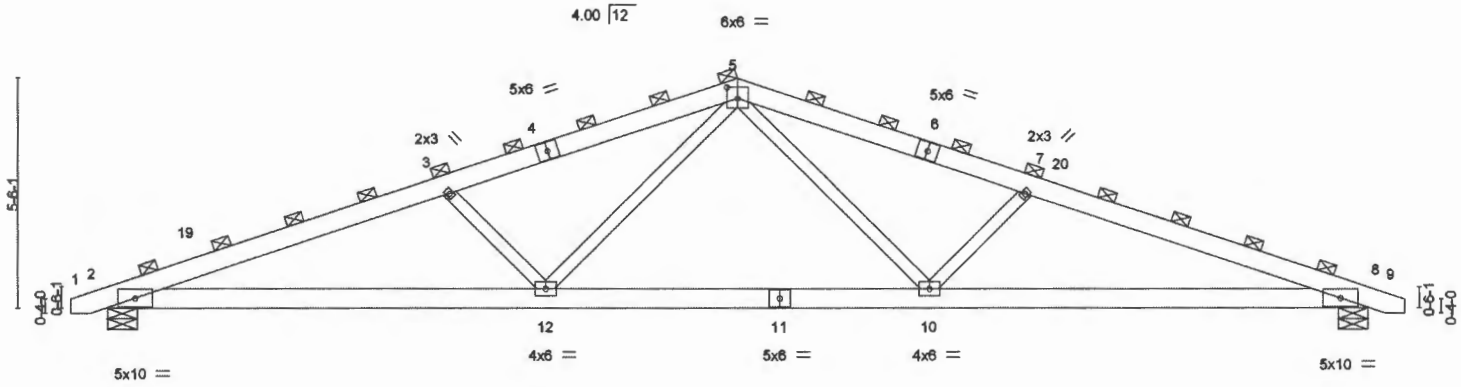
IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

Job	Truss	Truss Type	Qty	Ply	Fratto #357950-006	T18143398
19092249B	T30	COMMON	14	1	Fratto #357950-006 Job Reference (optional)	

Universal Forest Products (Gordon, PA), Gordon, PA - 17936, 8.320 s Aug 28 2019 MiTek Industries, Inc. Wed Sep 18 10:56:49 2019 Page 1
ID:gddGLsjObPaSHMLuwEv0DrycQD3-CWW1pJOxV11vqyTvYl?8yIYQ9J91oJVa_C2YEXycQ6y

0-10-8	8-1-14	15-0-0	21-10-2	30-0-0	30-10-8
0-10-8	8-1-14	6-10-2	6-10-2	8-1-14	0-10-8

Scale = 1:52.6



10-5-4	19-6-12	30-0-0
10-5-4	9-1-8	10-5-4

Plate Offsets (X,Y)-- [5:0-3-0,0-3-4]

LOADING (psf)		SPACING-	4-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.91	Vert(LL)	-0.31	10-18	>999	240	MT20	197/144
Snow (Pf/Pg)	33.6/40.0	Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.42	12-15	>856	180		
TCDL	5.0	Rep Stress Incr	NO	WB	0.47	Horz(CT)	0.11	8	n/a	n/a		
BCLL	0.0	Code IBC2018/TPI2014		Matrix-MS							Weight: 171 lb	FT = 4%
BCDL	5.0											

LUMBER-
TOP CHORD 2x6 SP 2400F 2.0E *Except*
1-4,6-9: 2x6 SP No.1
BOT CHORD 2x6 SP 2400F 2.0E
WEBS 2x4 SPF No.2

BRACING-
TOP CHORD 2-0-0 oc purlins (2-3-7 max.).
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=2716/0-8-8, 8=2716/0-8-8
Max Horz 2=-104(LC 19)
Max Uplift 2=-440(LC 10), 8=-440(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-6284/955, 3-5=-5478/826, 5-7=-5478/827, 7-8=-6284/956
BOT CHORD 2-12=-879/5875, 10-12=-456/3952, 8-10=-800/5875
WEBS 3-12=-1613/386, 5-12=-251/1932, 5-10=-252/1932, 7-10=-1613/386

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) 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) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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
4) Unbalanced snow loads have been considered for this design.
5) 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.
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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 440 lb uplift at joint 2 and 440 lb uplift at joint 8.
9) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

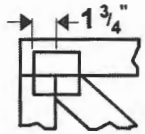
I certify that this document was prepared or approved by me, and I am a licensed professional engineer under the laws of the State of Maryland.
Lic. No. 45688, Expiration Date: 7/31/2020.

September 18,2019

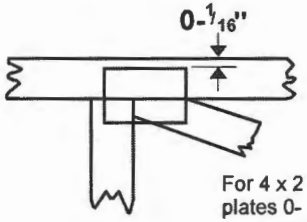
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- 1/16" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

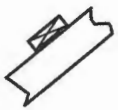
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

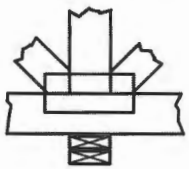
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING

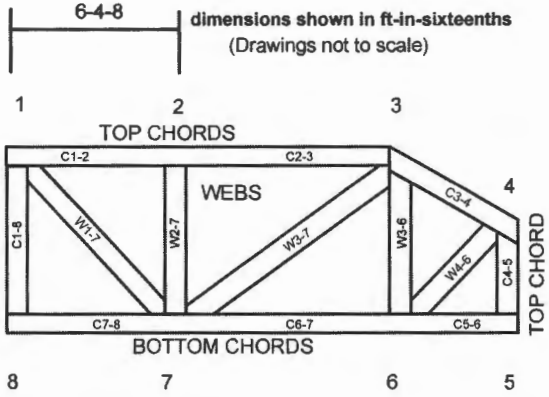


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

Lumber design values are in accordance with ANSI/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

MiTek

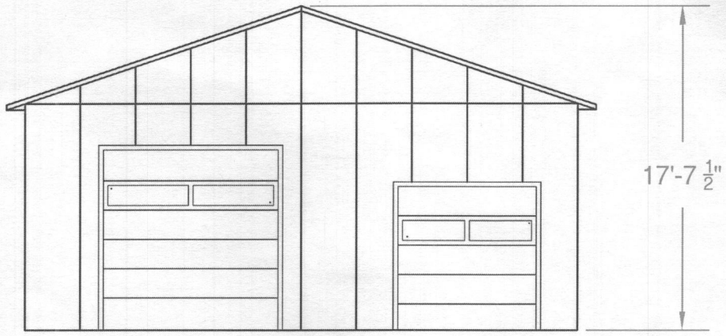
MiTek Engineering Reference Sheet: MII-7473 rev. 10/03/2015

General Safety Notes

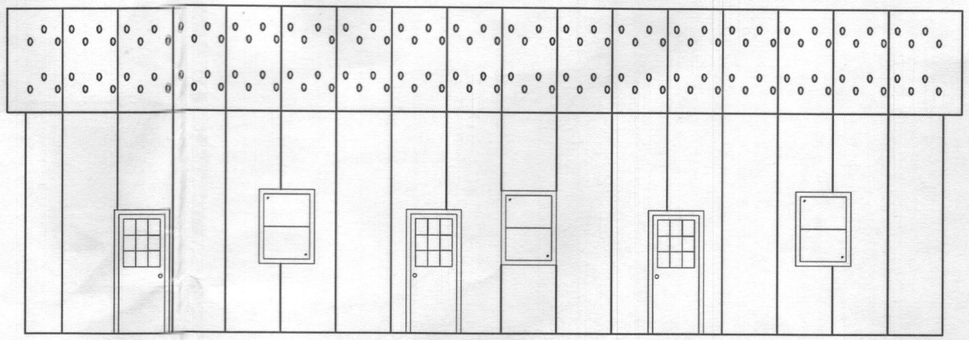
Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.

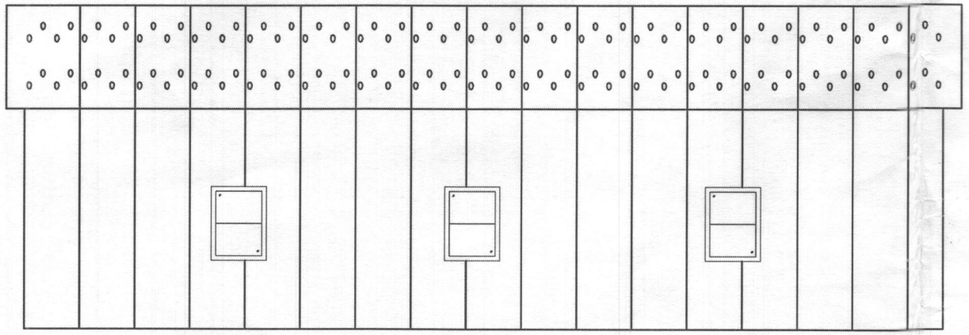
Contract # 357950-006



GABLE #2



EAVE #2



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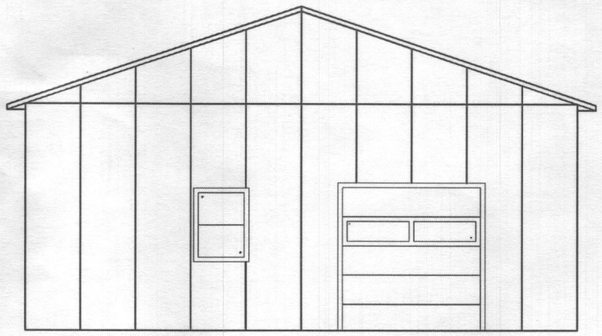


GABLE #1

Revisions:

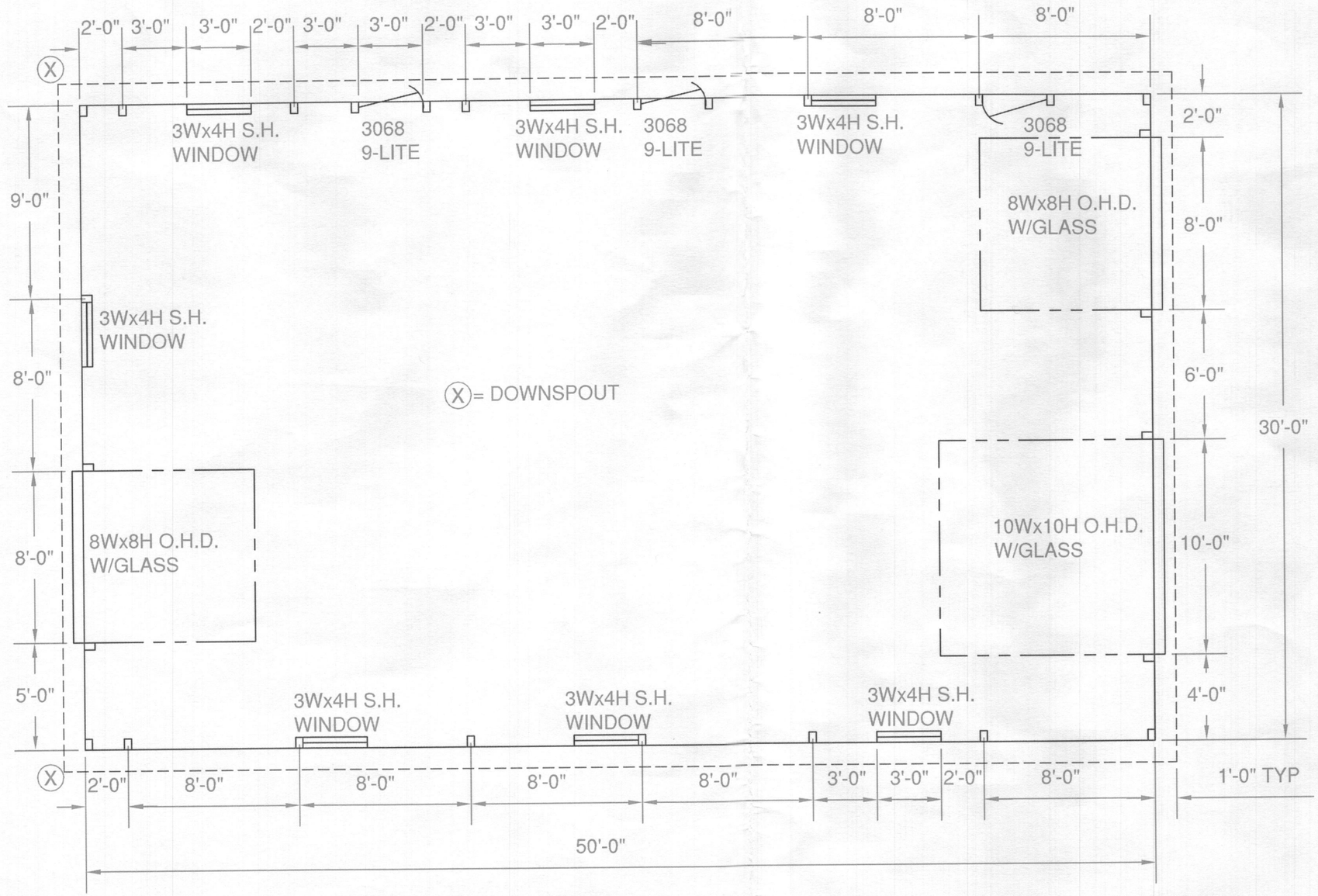
PPB. Inc.
Pioneer Pole Buildings, Inc.
716 South Rt. 183
Schuylkill Haven, PA 17972
1-888-448-2505 Toll Free

JOB SITE ADDRESS:
SAME

CUSTOMER ADDRESS:
GEORGE FRATTO
16113 PATAPSCO
OVERLOOK COURT
MT AIRY, MD 21771
443-604-0004

DATE: 9-26-19
SHEET: Elevations
BUILDING SIZE: 30x50x12'-4"
DRAWN BY: HEIDI KLOCK
CHECKED BY:
Job Number: FRATTO-1

Contract # 357950-006



Revisions:

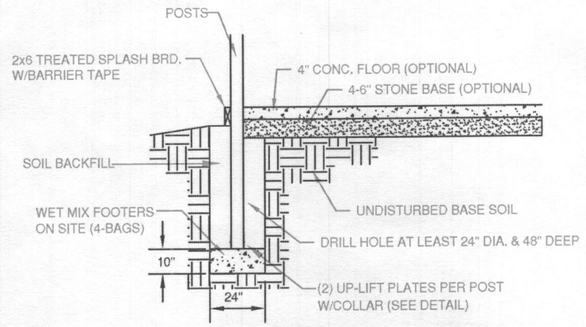
PPB. Inc.
Pioneer Pole Buildings, Inc.
716 South Rt. 183
Schuylkill Haven, PA 17972
1-888-448-2505 Toll Free

JOB SITE ADDRESS:
SAME

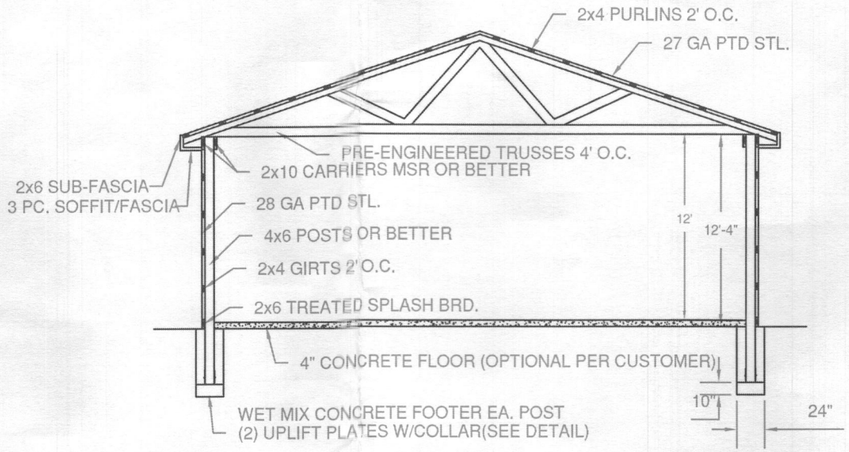
CUSTOMER ADDRESS:
GEORGE FRATTO
16113 PATAPSCO
OVERLOOK COURT
MT AIRY, MD 21771
443-604-0004

DATE: 9-26-19
SHEET: POLE PLAN
BUILDING SIZE: 30x50x12'-4"
DRAWN BY: HEIDI KLOCK
CHECKED BY:
Job Number: FRATTO-1

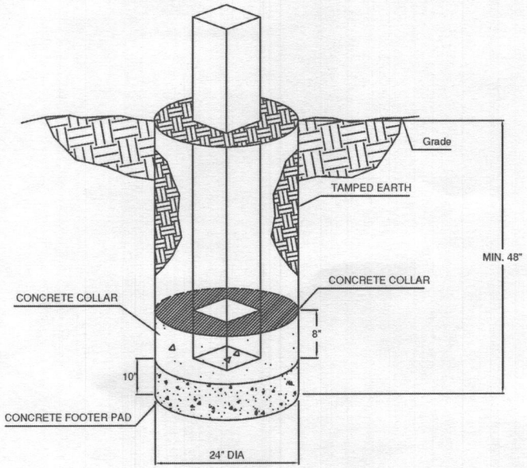
Contract # 357950-006



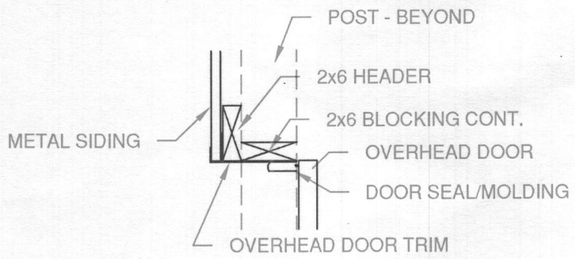
FOOTER DETAIL



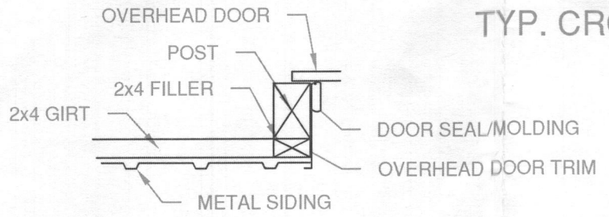
TYP. CROSS SECTION



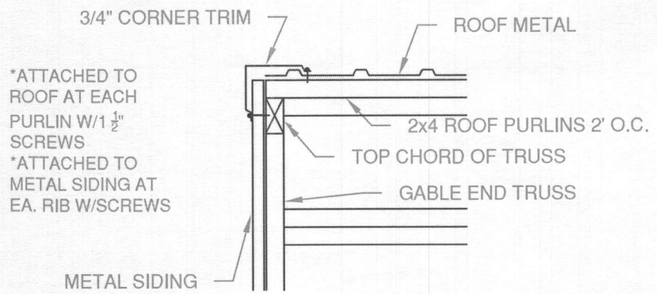
COLLAR DETAIL



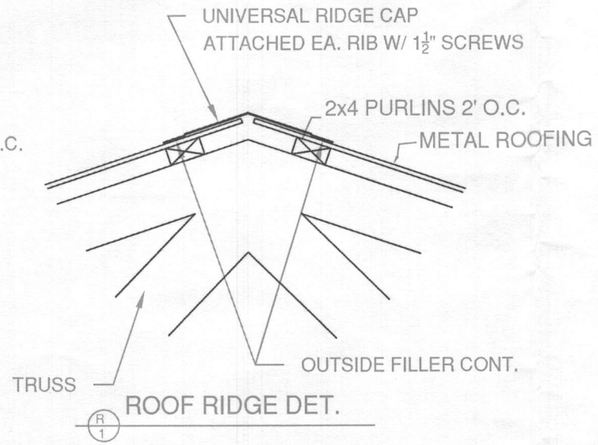
O.H. DOOR HEADER DET.



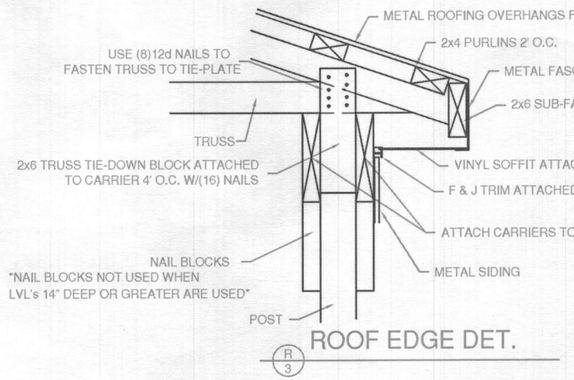
O.H. DOOR JAMB DET.



ROOF EDGE DET.



ROOF RIDGE DET.



ROOF EDGE DET.

TABLE-1

CARRIER SIZE	MIN. # OF NAILS	HOT DIPPED GALV. NAIL DESCRIPTION
2x8 #1 SYP	8	.121"Øx3 1/4" LONG (12d)
2x10 #1 SYP	10	.121"Øx3 1/4" LONG (12d)
2x12 #1 SYP	12	.121"Øx3 1/4" LONG (12d)
1 1/2"x11 1/4" LVL	14	.131"Øx3 1/2" LONG
1 1/2"x14" LVL	16	.131"Øx3 1/2" LONG
1 1/2"x16" LVL	18	.131"Øx3 1/2" LONG

*PROPERLY SPACE NAILS TO AVOID WOOD SPLITTING

Revisions:

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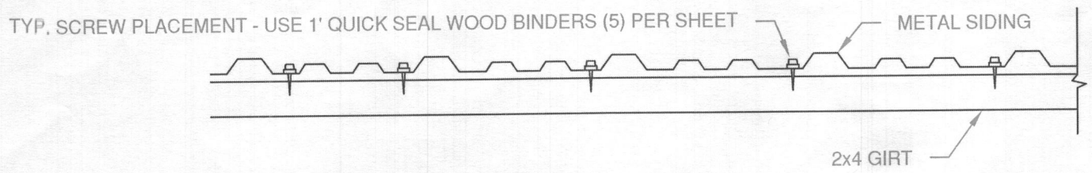
Pioneer Pole Buildings, Inc.
716 South Rt. 183
Schuylkill Haven, PA 17972
1-888-448-2505 Toll Free

JOB SITE ADDRESS:
SAME

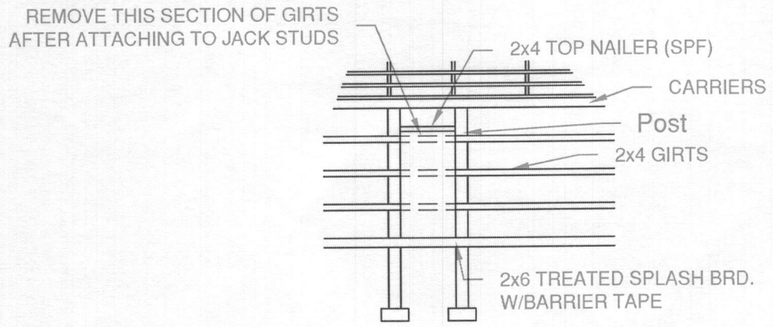
CUSTOMER ADDRESS:
GEORGE FRATTO
16113 PATAPSCO
OVERLOOK COURT
MT AIRY, MD 21771
443-604-0004

DATE: 9-26-19
SHEET: Detail A
BUILDING SIZE: 30x50x12'-4"
DRAWN BY: HEIDI KLOCK
CHECKED BY:
Job Number: FRATTO-1

Contract # 357950-006

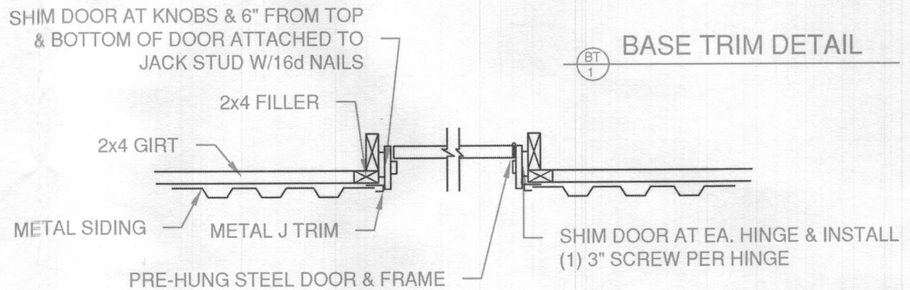


SS 1 SIDING SCREW PATTERN DETAIL

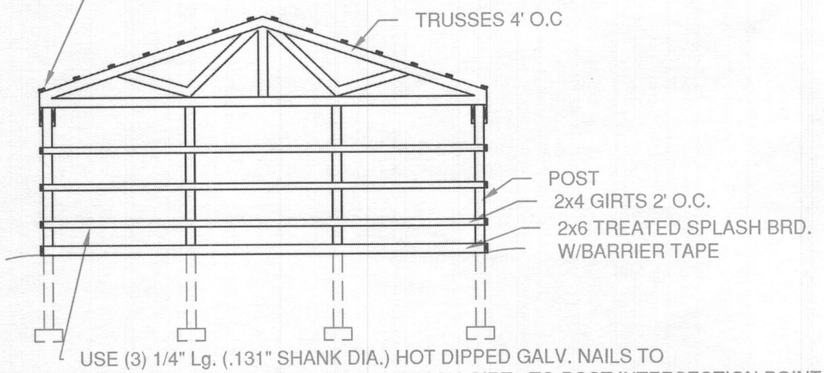


SD 1 SERVICE DOOR FRAMING DET.

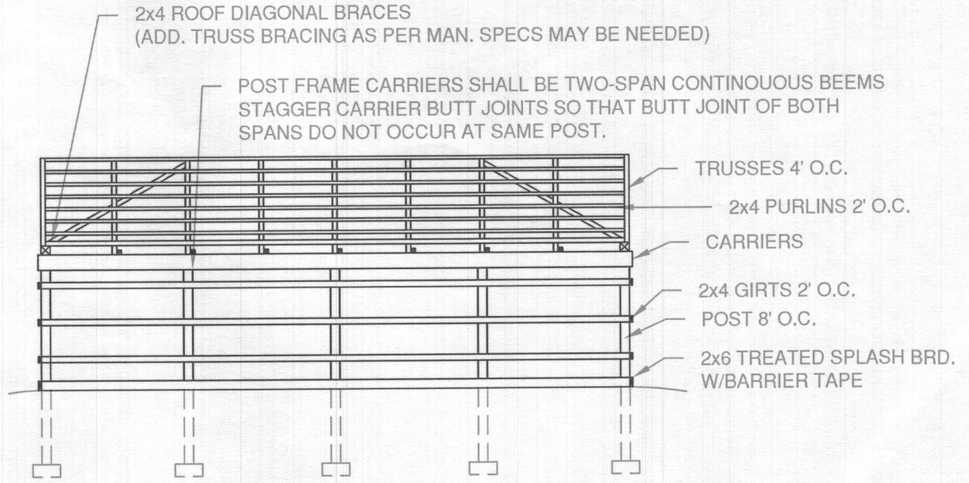
BT 1 BASE TRIM DETAIL



SD 2 SERVICE DOOR JAMB DET.



FD 1 GABLE VIEW DETAIL



FD 2 EAVE VIEW DETAIL

Revisions:

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443-604-0004

DATE: 9-26-19
SHEET: Detail B
BUILDING SIZE: 30x50x12'-4"
DRAWN BY: HEIDI KLOCK
CHECKED BY:
Job Number: FRATTO-1

General Notes:

Foundations:
A. Bottom of all exterior footings shall be 48" below finished grade. Minimum size 10" 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.

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 MSR 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 2015 IBC
Construction Class VB

TRUSS CARRIERS USED TO BE EQUAL TO OR BETTER THAN 2x10 MSR

HURRICANE TIES USED = RT16A (USP CONNECTORS)
2-LIGHTS IN EACH OHD
5K GUTTER W/DOWNSPOUT
1" INSULATION - WALLS & ROOF
COBRA RIDGE VENT
SNOWGUARDS INSTALLED ON BOTH EAVES
IBC USE GROUP UTILITY

Revisions:

This structure is designed using the following loads:
Roof Loads:
Live (psf) = 30
Dead (psf) = 10
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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