

RECEIVED

JUL 18 2023

PERMIT NUMBER: B 23002716

DATE ACCEPTED:

LICENSES & PERMITS DIVISION

RESIDENTIAL BUILDING PERMIT APPLICATION
 HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS
 2430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043 - PHONE: (410) 313-2455 OPTION #4
www.howardcountymd.gov

BUILDING SITE ADDRESS REQUIRED

Street Address: 13881 Triadelphia Mill Road Unit: _____
 City: Dayton State: MD Zip Code: 21036
 Subdivision/Village/Complex Name: _____ SDP/WP/BA #: _____
 Lot: _____ Tax Map: 034 Parcel: 0228 Grading Permit #: _____

DESCRIPTION OF WORK REQUIRED

Existing Use: _____ Proposed Use: 3 car detached garage Estimated Cost: \$38000
 Trade Work to Be Completed (Separate Permits Required): Mechanical (HVACR) Electrical Plumbing None
 Build 24x32 ft three car garage with concrete floor (4 inches of stone, 4 inches concrete) as described with attached plans

PROPERTY OWNER INFORMATION REQUIRED

Owner(s) Name(s) (As it appears on tax records): Ann Kirchman Dubel Primary Residence: Yes No
 Owner's Street Address: 13881 Triadelphia Mill Road
 City: Dayton State: MD Zip Code: 21036
 Phone: _____ Email: _____

APPLICANT NAME REQUIRED - INDIVIDUAL WHO SIGNS THIS APPLICATION

Business Name: _____ Contact Name: FRANK Kirchman
 Street Address: 6424 Fairest Dream LN
 City: Columbia State: MD Zip Code: 21076
 Phone: 301-909-8184 Email: FKirchman@Comcast.net

CONTRACTOR INFORMATION REQUIRED

Business Name: Pioneer Pole Buildings, Inc.
 Licensee's Name: Pioneer Pole Buildings, Inc License #: 121132
 Street Address: 716 South Route 183,
 City: Schuylkill Haven State: PA Zip Code: 17972
 Phone: 1-888-448-2505 Ext 194 Email: kdolphin@ppb1.com

ARCHITECT/ENGINEER INFORMATION INDIVIDUAL WHO SIGNED PLANS, IF APPLICABLE

Business Name: Pioneer Pole Buildings, Inc Name: James M. Capitanio
 Street Address: 716 South Route 183,
 City: Schuylkill Haven State: PA Zip Code: 17972
 Phone: 1-888-448-25202 Email: kdolphin@ppb1.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: oil 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
 1st Fl Width: _____ 1st Fl Depth: _____ 2nd Fl Width: _____ 2nd Fl Depth: _____ Bsmt Width: _____ Bsmt Depth: _____
 Energy Method: Prescriptive Performance UA Alternative ERI Gross Area: _____ sq ft Occupiable Area: 2140 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.

Ann Kirchman Dubel 7/18/2023
 APPLICANT'S ORIGINAL SIGNATURE DATE SIGNED

FOR OFFICE USE ONLY CHECKS PAYABLE TO: DIRECTOR OF FINANCE OF HOWARD COUNTY

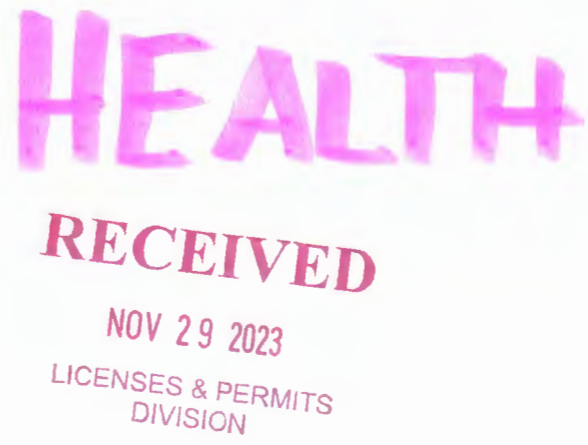
AGENCIES REQUIRED/APPROVALS:
 PR DPZ CED Health SHA CID

SUBMITTAL FEES: \$ 25 PAYMENT: Check # 1902 ACCEPTED BY: TR

Name: Frank J Kirchman
Street Address: 13881 Triadelphia Mill Road
City, State, Zip: Dayton, MD 21036
Date: ~~October 5~~, 2023
11/19

Amendment, Permit # B23002716

Ms. Debbie Whalen
Division of Plan Review
Department of Inspections, Licenses and Permits
Howard County Government
3430 Court House Drive
Ellicott City, MD 21043



Dear Ms. Whalen:

I am requesting to amend Permit # B23002716 at 13881 Triadelphia Mill Rd, Dayton Maryland, 21036 to

Change the location of the garage addition to a location more suitable for construction and use. The original site plan is included, as well as an updated site plan with detail. The new location is within the allowable area taking into account the 75 ft. offset from the front of the lot, and 30 feet from the adjacent property line.

Garage doors moved from 32 ft side (3) to 24 ft. side (2)
New drawings included, added 2 windows & Cupola

Enclosed:

- Fee: _____
- Plot Plans
- Sets of Construction Drawings
- Other: _____


*CK # 1910
Invoice # 775503
paid*

If there is anything we can do to assist you, please let me know.

Sincerely,

Name: Frank Kirchman
Title: _____
Phone: 301-908-8184
Email: fkirchman@comcast.net

Ann Dubel

EK
8/21/23


To: Michael Davis
Director, Bureau of Environmental Health

From: Ann Kirchman Dubel

Re: Request for waiver: 13881 Triadelphia Mill Rd, Dayton, MD
Building Permit #B23002716

Date: 8/1/2023

Hello Mr. Davis,


In response to the email from Ms Melanie Eshenbaugh dated 7/31/2023, I am requesting a waiver for the requirement to perform percolation testing in order to establish a sewage disposal area (SDA) for this property. After consultation with Ms. Eshenbaugh, the following rationale I believe is pertinent.

1. The proposed building will be located in "wet season soil", which, to my understanding, is not typically suitable for use as a sewage disposal area.
2. The proposed building is also in an area marked as "swale" on the permit for repair dated 4/9/1999, and again, to my understanding, would be unsuitable for use as a sewage disposal area.
3. The property has an area of 4.88 acres total. There are numerous potential sites for a new sewage disposal area when it is needed.

Please feel free to contact me at 301-908-8184 if you need further information.

Thank You,

Ann K. Dubel

proposed location revised 12/4/23 - new
location in front yard inside 100' well
setback. ~~RE~~ Approved 12/4/23


Eshenbaugh, Melanie

From: fkirchman@comcast.net
Sent: Friday, August 18, 2023 11:00 AM
To: Eshenbaugh, Melanie
Subject: Re: B23002716 Request for waiver

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Hello Ms. Eshenbaugh,

Enclosed are a detailed drawing of the proposed garage showing garage door locations as well as my conservative estimate of where the existing septic field is located.

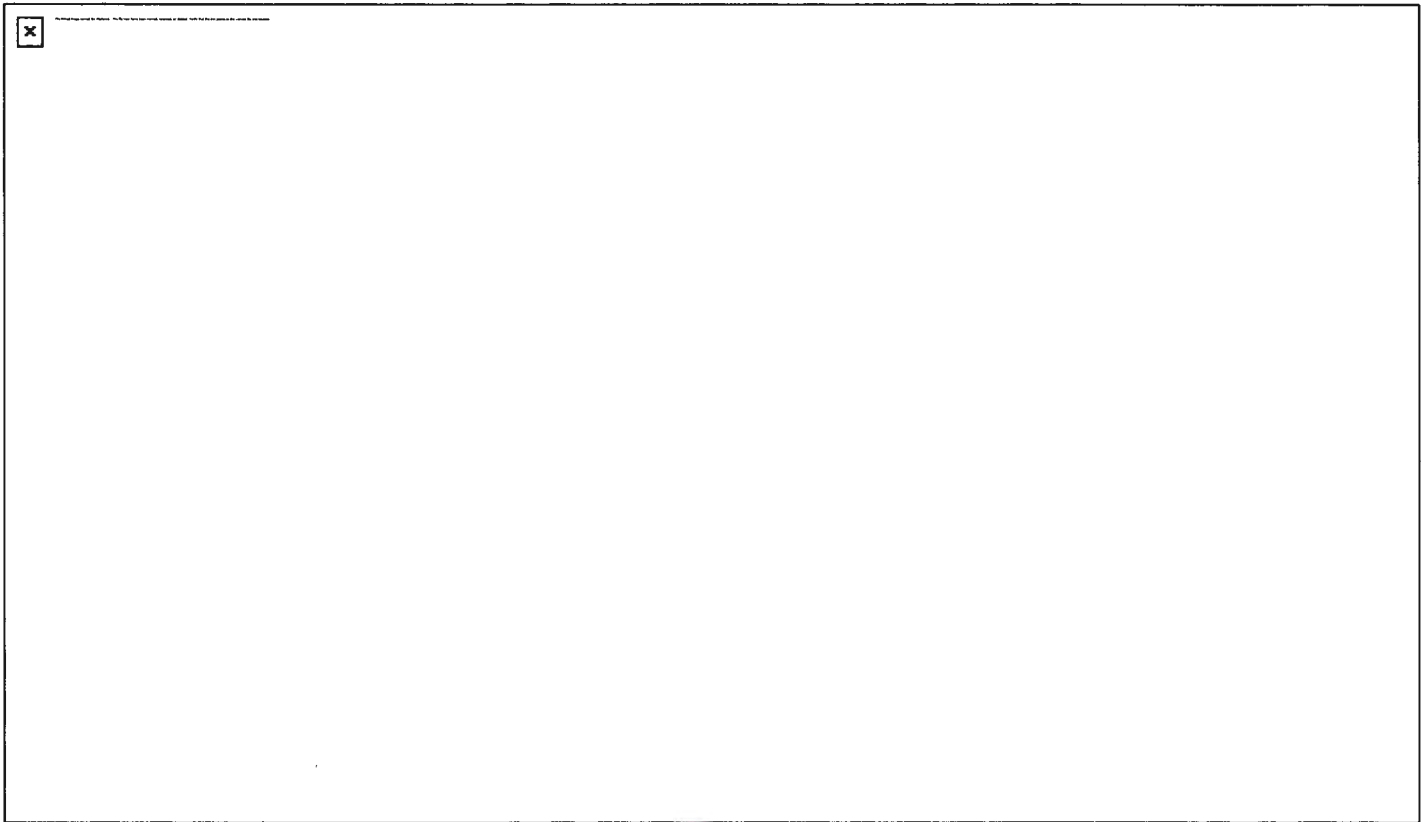
Also enclosed is a picture of a similar building, although with a gravel drive that I would not be making.

The existing property has been in the family for 60 years without even paving the front drive, so paving the entry way to the proposed structure isn't likely in any foreseeable future. Although I admit I can't speak for future generations.

If the process could be helped by rotating the position of the building to have the doors on the northernmost side of the building (rotate the building clockwise 90 degrees) and thereby making the ingress/egress shorter and further away from the existing septic area, we would do that.

Thank You,

Frank Kirchman



From:

Eshenbaugh, Melanie

<MEshenbaugh@howardcountymd.gov>

Date: Friday, August 18, 2023 at 10:11 AM

To: fkirchman@comcast.net <fkirchman@comcast.net>

Subject: RE: B23002716 Request for waiver

Good afternoon Mr. Kirchman,

I was informed by my supervisor that we would need to see the access location to the new garage and for the clarification on the garage doors to be shown on the plan (where vehicles would be entering/exiting the garage). Even though with the current building proposal the driveway will not be paved, it doesn't account for the potential of paved areas in the future for the garage structure and vehicles would still be driven in & out of the garage. Let me know if you have any questions or need further clarification. Thank you kindly

Melanie Eshenbaugh
Bureau of Environmental Health
Howard County Health Dept.
8930 Stanford Blvd. Columbia, MD 21045
www.hchealth.org



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This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

From: fkirchman@comcast.net <fkirchman@comcast.net>
Sent: Monday, August 14, 2023 4:58 PM
To: Eshenbaugh, Melanie <MEshenbaugh@howardcountymd.gov>
Cc: Ann Dubel <dubel2000@gmail.com>
Subject: Re: B23002716 Request for waiver

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Hello Ms. Eshenbaugh,

To answer your questions of August 14th, 2023:

There will be 3 gate-type doors on the most western side of the building. There will be 1 standard entry door on the most northern side.

No driveway will be built. The structure is meant for long term preservation of farm implements. The only regular entry and exit will be a lawn mower. So ingress and egress will be over the existing grass surface, and rarely at that.

I hope this answers your questions. If you have any more, please contact me at 301-908-8184

Frank Kirchman

From: fkirchman@comcast.net <fkirchman@comcast.net>
Date: Wednesday, August 9, 2023 at 10:03 AM
To: Eshenbaugh, Melanie <MEshenbaugh@howardcountymd.gov>
Cc: Ann Dubel <dubel2000@gmail.com>, fkirchman@comcast.net <fkirchman@comcast.net>
Subject: B23002716 Request for waiver

Hello Ms. Eshenbaugh,

Please find attached a request for waiver for establishing an SDA for 13881 Triadelphia Mill Rd.

Enclosed is a word file for the request, and an image of the signed request by the property owner.

Please let me know if there are any questions or clarifications needed.

Thank you,

Frank Kirchman

To: Michael Davis
Director, Bureau of Environmental Health

From: Ann Kirchman Dubel

Re: Request for waiver: 13881 Triadelphia Mill Rd, Dayton, MD
Building Permit #B23002716

Date: 8/1/2023

Hello Mr. Davis,

In response to the email from Ms. Melanie Eshenbaugh dated 7/31/2023, I am requesting a waiver for the requirement to perform percolation testing in order to establish a sewage disposal area (SDA) for this property. After consultation with Ms. Eshenbaugh, the following rationale I believe is pertinent.

1. The proposed building will be located in "wet season soil", which, to my understanding, is not typically suitable for use as a sewage disposal area.
2. The proposed building is also in an area marked as "swale" on the permit for repair dated 4/9/1999, and again, to my understanding, would be unsuitable for use as a sewage disposal area.
3. The property has an area of 4.88 acres total. There are numerous potential sites for a new sewage disposal area when it is needed.

Please feel free to contact me at 301-908-8184 if you need further information.

Thank You,

Ann K. Dubel

To: Michael Davis
Director, Bureau of Environmental Health

From: Ann Kirchman Dubel

Re: Request for waiver: 13881 Triadelphia Mill Rd,
Dayton, MD
Building Permit #B23002716

Date: 8/1/2023

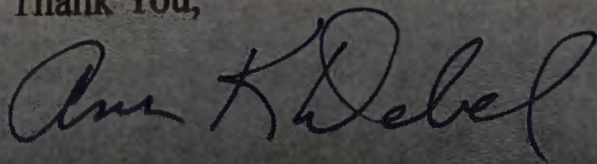
Hello Mr. Davis,

In response to the email from Ms. Melanie Eshenbaugh dated 1/31/2023, I am requesting a waiver for the requirement to establish a sewage disposal area (SDA) for this property. After consultation with Ms. Eshenbaugh, the following rationale I believe is pertinent.

1. The proposed building will be located in "wet season soil", which, to my understanding, is not typically suitable for use as a sewage disposal area.
2. The proposed building is also in an area marked as "swale" on the permit for repair dated 4/9/1999, and again, to my understanding, would be unsuitable for use as a sewage disposal area.
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Please feel free to contact me at 301-908-8184 if you need further information.

Thank You,

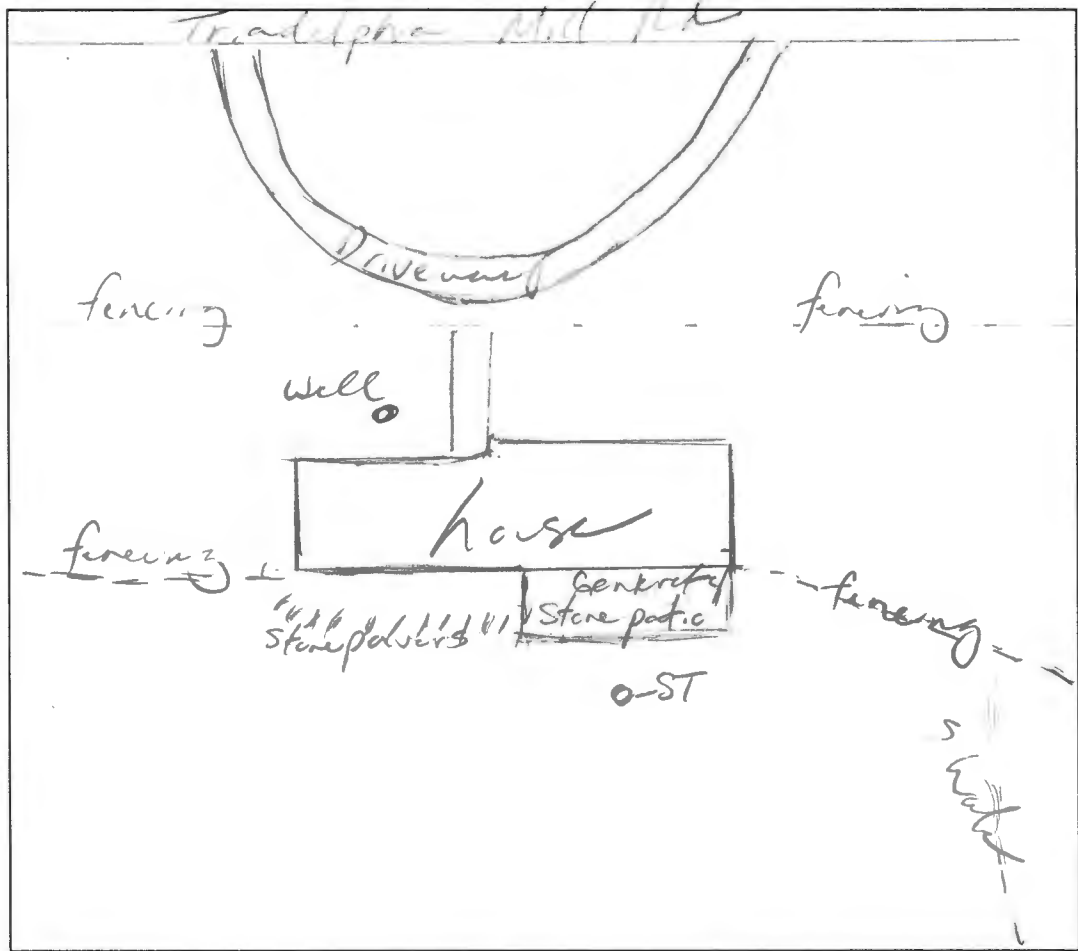


Ann K. Dubel

SITE INSPECTION SHEET

OWNER: Ann Krichmer Dibel PHONE #: _____
ADDRESS: 13881 Tradelphia CONTRACTOR: _____
Mill Rd WELL TAG #: _____
SUBDIVISION: _____ LOT: _____ COUNTY #: Howard
PROPOSAL: Build a 24x32ft 3 car garage behind house

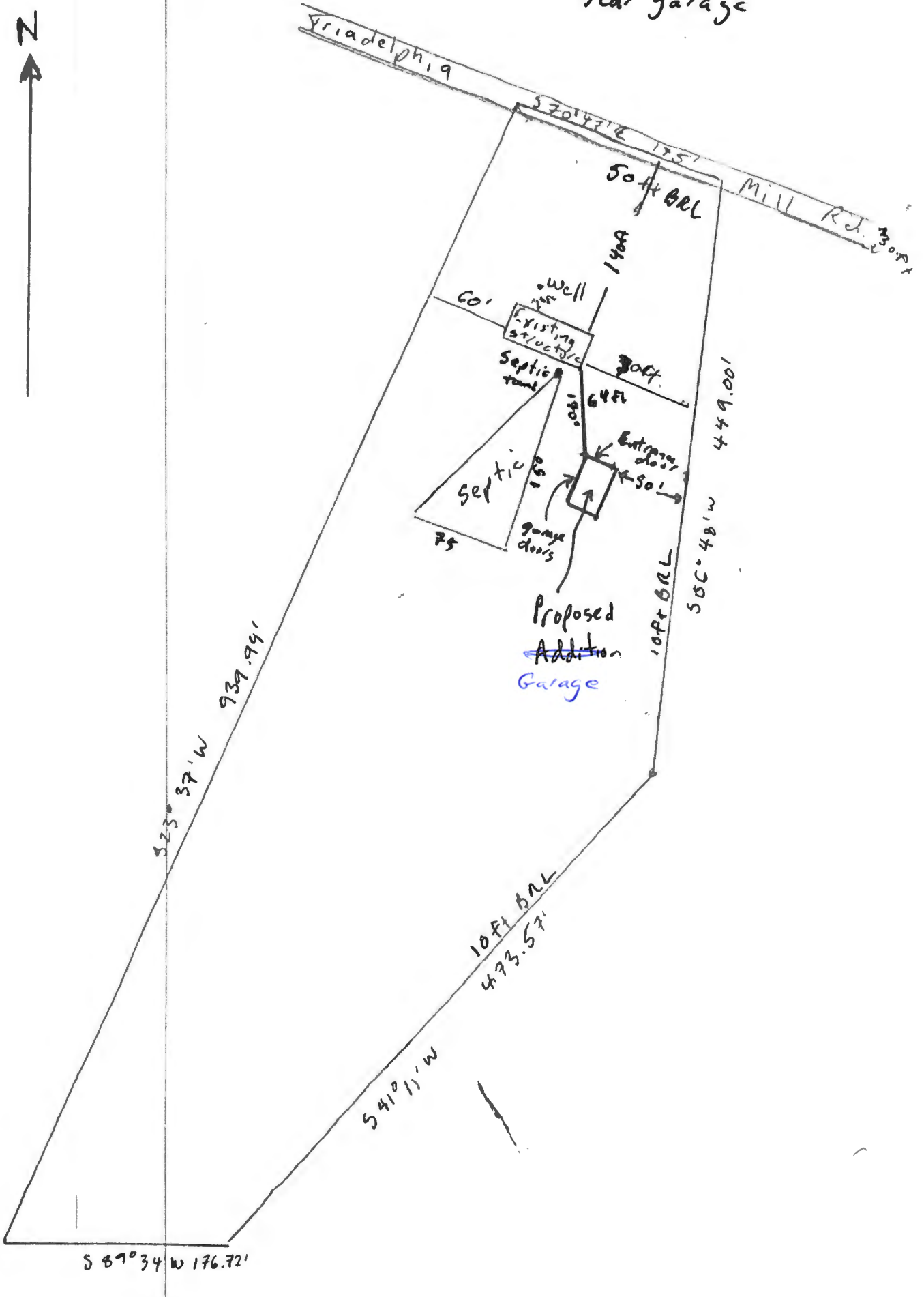
LOCATION DIAGRAM



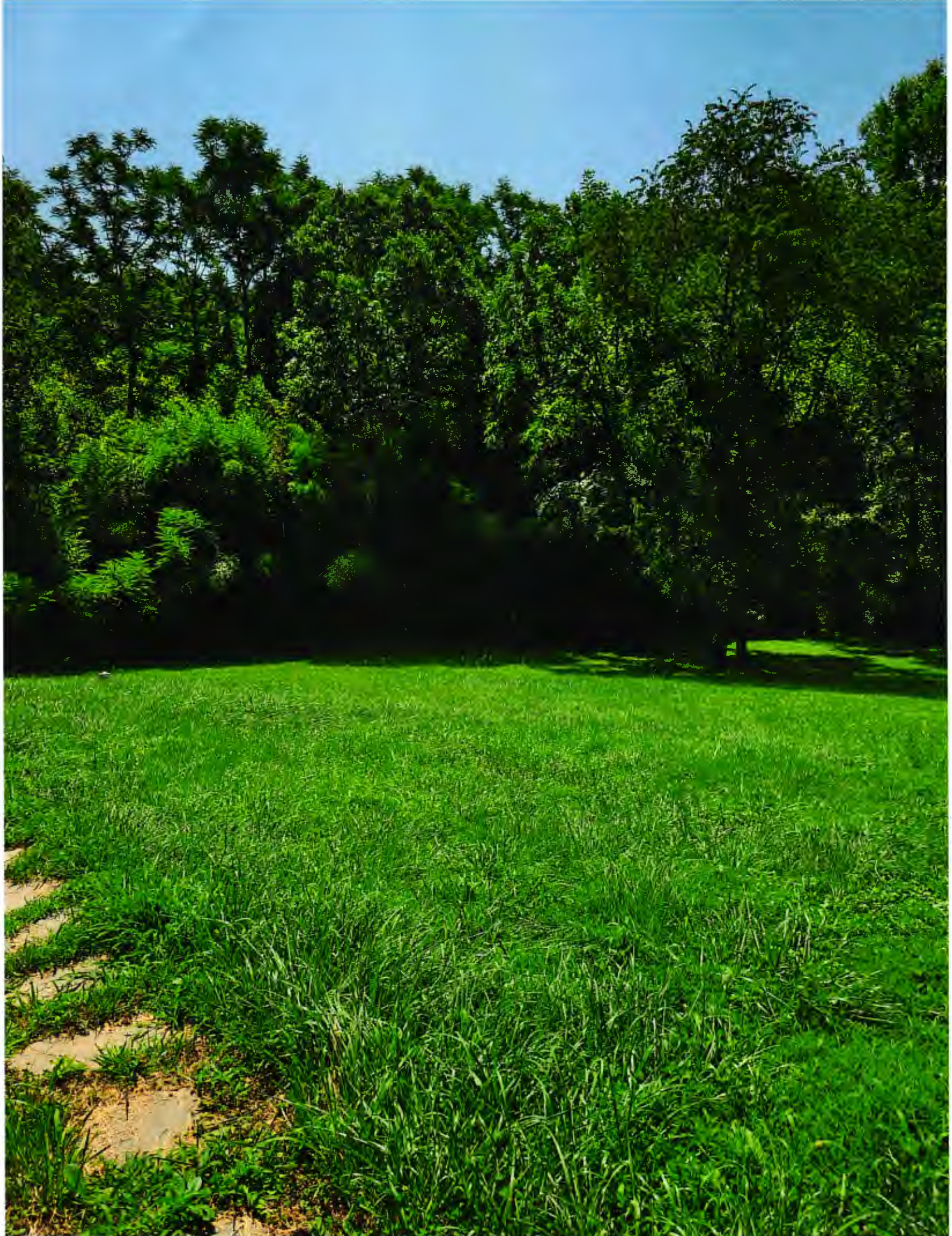
COMMENTS: Garage proposal near swale
and meets septic setback requirements. No
SDA on the property or evidence of hydraulic failure,
Repair in 1999 (11 90ft trench)

DATE: 7/26/23 INSPECTOR: Melanie Estabrook

Site plan
1388 Triadelphia Mill Rd
3 car garage











Fence 8ft Gate Fence

Pasture

Existing Septic Area (with Significant Margin)

~40ft

Entry Door

Ingress/Egress

Pasture

Garage

Garage door
Garage door
Garage door



| | | | | | |
|------------------|--------------|----------------------|----------|----------|---|
| Job 23070104B | Truss T24 | Truss Type COMMON | Qty 9 | Ply 1 | Kirchman 401619-005 Job Reference (optional) |
|------------------|--------------|----------------------|----------|----------|---|

UFP Site Built, LLC, UFP 20/20
 8.620 s Sep 22 2022 MITek Industries, Inc. Wed Jul 5 10:47:27 2023 Page 1
 ID:VZqVVh18uZUiAlp_jWobj7z?9AO-kaPKya3SnYIOlko_EzGimcAHTDuMip9gERJfQPz?9A
 0-10-8 6-7-14 12-0-0 17-4-2 24-0-0 24-10-8
 0-10-8 6-7-14 5-4-2 5-4-2 6-7-14 0-10-8

Scale = 1:44.1

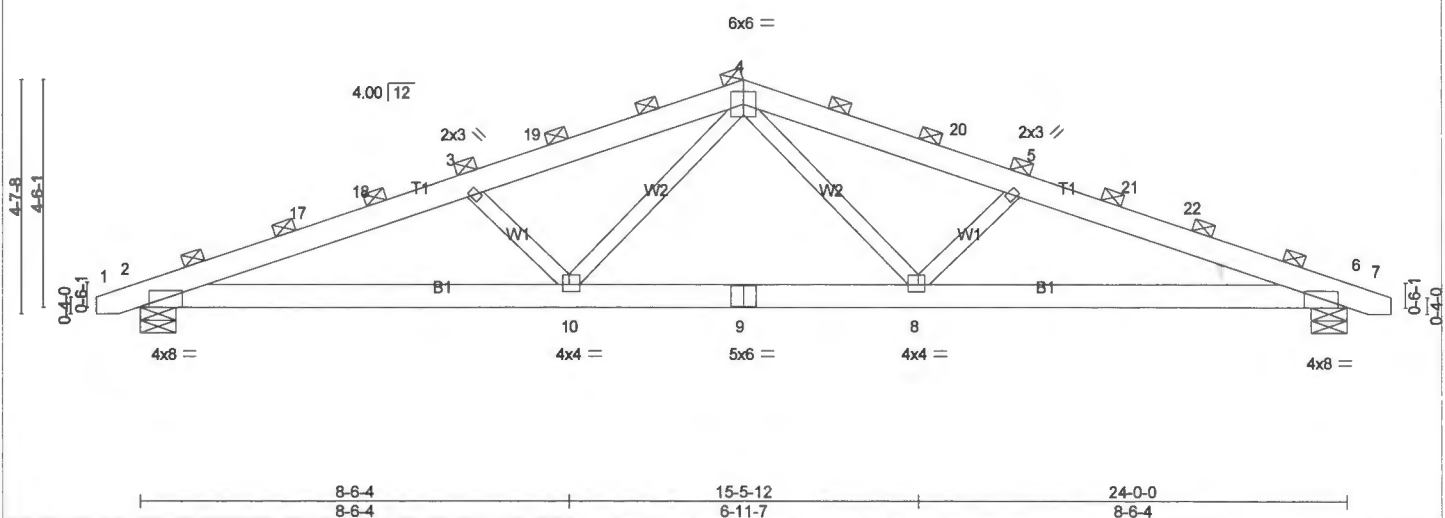


Plate Offsets (X,Y) - [2:0-2-2,Edge], [6:0-2-2,Edge], [8:0-1-8,0-1-12], [10:0-1-8,0-1-12]

| | | | | | |
|----------------------|----------------------|-------------|------------------------------|----------------|-------------|
| LOADING (psf) | SPACING- | CSI. | DEFL | PLATES | GRIP |
| TCLL 40.0 | 4-0-0 | TC 0.74 | in (loc) l/defl L/d | MT20 | 197/144 |
| TCCL 5.0 | Plate Grip DOL 1.15 | BC 0.95 | Vert(LL) -0.26 8-10 >999 240 | | |
| BCLL 0.0 | Lumber DOL 1.15 | WB 0.39 | Vert(CT) -0.33 8-10 >867 180 | | |
| BCDL 5.0 | Rep Stress Incr NO | Matrix-MS | Horz(CT) 0.10 6 n/a n/a | | |
| | Code IBC2018/TPI2014 | | | Weight: 137 lb | FT = 20% |

LUMBER-
 TOP CHORD 2x6 SP No.1
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SPF No.2

BRACING-
 TOP CHORD 2-0-0 oc purlins (2-8-1 max.).
 BOT CHORD Rigid ceiling directly applied or 6-3-14 oc bracing.

REACTIONS. (lb/size) 2=2193/0-8-8, 6=2193/0-8-8
 Max Horz 2=142(LC 15)
 Max Uplift 2=624(LC 10), 6=624(LC 11)
 Max Grav 2=2517(LC 2), 6=2517(LC 2)

FORCES. (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/37, 2-17=-5669/1748, 17-18=-5582/1749, 3-18=-5511/1760, 3-19=-4921/1558, 4-19=-4752/1577, 4-20=-4752/1577, 5-20=-4921/1558, 5-21=-5511/1760, 21-22=-5582/1749,
 6-22=-5669/1748, 6-7=0/37
 BOT CHORD 2-10=-1519/5300, 9-10=-936/3613, 8-9=-936/3613, 6-8=-1519/5300
 WEBS 3-10=-1380/490, 4-10=-380/1574, 4-8=-380/1574, 5-8=-1380/490

- 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) gable end zone and C-C Exterior(2E) 0-7-13 to 3-4-3, Interior(1) 3-4-3 to 8-0-0, Exterior(2R) 8-0-0 to 16-0-0, Interior(1) 16-0-0 to 20-7-13, Exterior(2E) 20-7-13 to 24-7-13 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=40.0 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 624 lb uplift at joint 2 and 624 lb uplift at joint 6.
 - 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.

LOAD CASE(S) Standard

