PERMIT NUMBER: B 23000475 **DATE ACCEPTED:** RECEIVED FEB 14 2023 LICENSES & PERMITS DIVISION

RESIDENTIAL BUILDING PERMIT APPLICATION

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: **12390 Hall Shop Rd.**			Unit:
City: **Fulton**		State: **MD**	Zip Code: **20759**
Subdivision/Village/Complex Name:			SDP/WP/BA #:
Lot:	Tax Map: **0040**	Parcel: **0513**	Grading Permit #:

DESCRIPTION OF WORK *REQUIRED*

Existing Use: **N/A**	Proposed Use: **24'x24' Detached Garage**	Estimated Cost: $ 60K

Trade Work to Be Completed *(Separate Permits Required)*: ☐ Mechanical (HVACR) ■ Electrical ☐ Plumbing ☐ None

Construct 2 story detached garage 24X24

PROPERTY OWNER INFORMATION *REQUIRED*

Owner(s) Name(s) *(As it appears on tax records)*: **Daniel J Espenshade**		Primary Residence: ■ Yes ☐ No
Owner's Street Address: **12390 Hall Shop Rd.**		
City: **Fulton**	State: **MD**	Zip Code: **20759**
Phone: **(410) 916-4747**	Email: **djecopy@gmail.com**	

APPLICANT NAME *REQUIRED - INDIVIDUAL WHO SIGNS THIS APPLICATION*

Business Name:	Contact Name: **Daniel Espenshade**	
Street Address: **12390 Hall Shop Rd.**		
City: **Fulton**	State: **MD**	Zip Code: **20759**
Phone: **(410) 916-4747**	Email: **djecopy@gmail.com**	

CONTRACTOR INFORMATION *REQUIRED*

Business Name:		
Licensee's Name:	**License #:**	
Street Address: TBA		
City:	State:	Zip Code:
Phone:	Email:	

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

Business Name:	Name:	
Street Address:		
City:	State:	Zip Code:
Phone:	Email:	

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: **4**	# Half Baths: **1**	# Fireplaces: **1**	
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: sq ft	

AGREEMENT/ DISCLAIMER *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.

Daniel Espenshade
APPLICANT'S ORIGINAL SIGNATURE

2/2/2023
DATE SIGNED

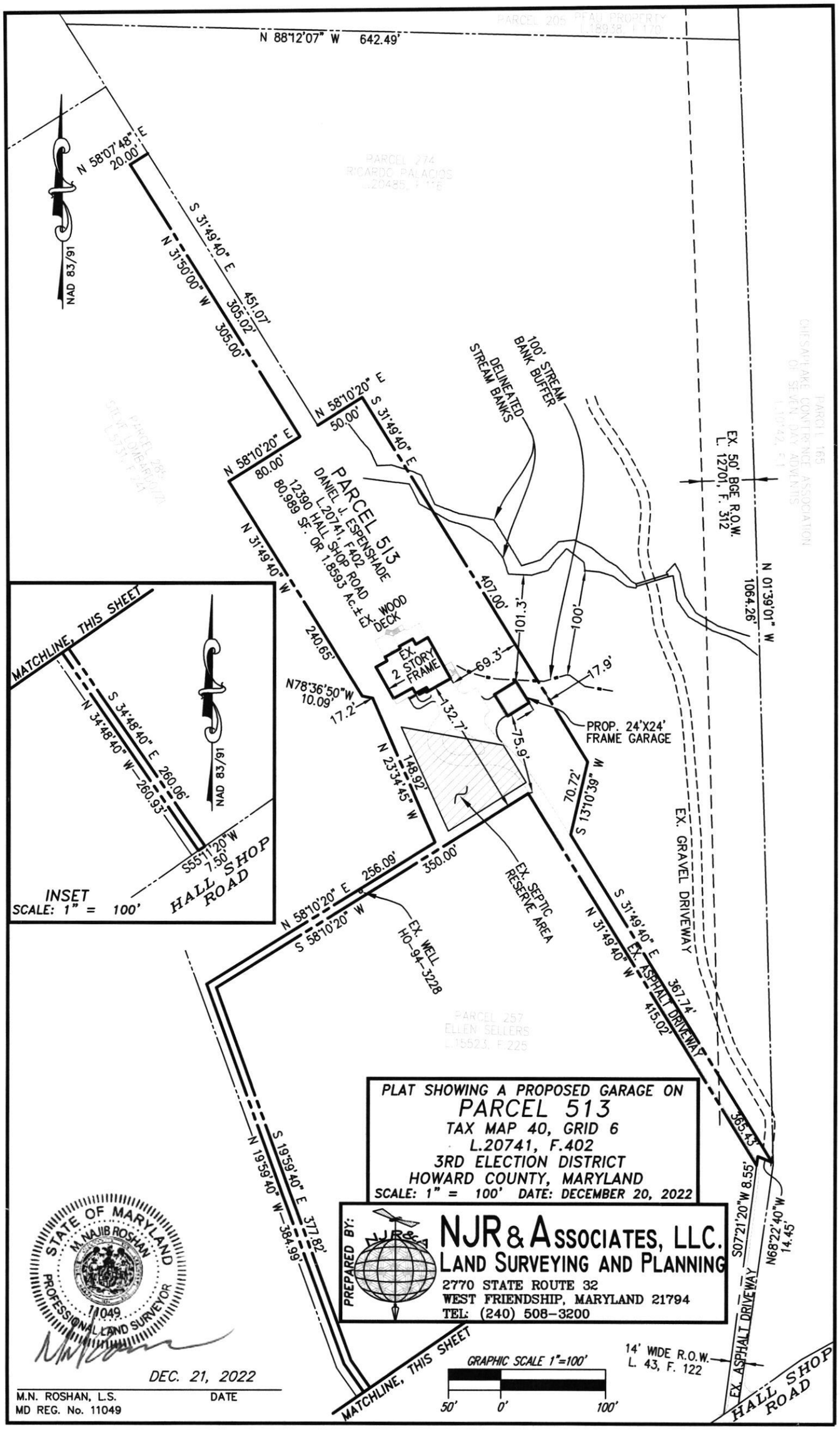
FOR OFFICE USE ONLY

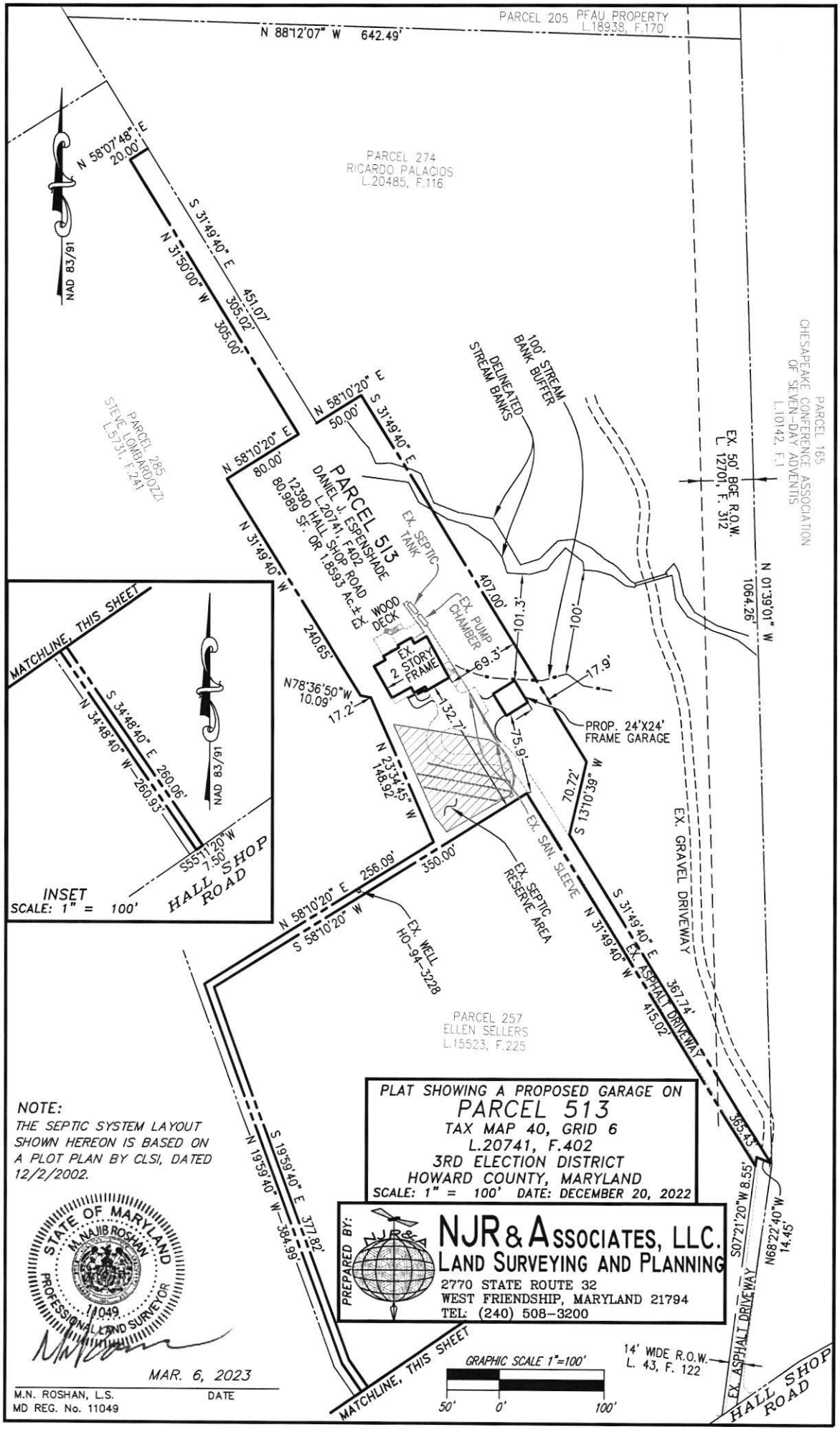
CHECKS PAYABLE TO: DIRECTOR OF FINANCE OF HOWARD COUNTY

AGENCIES REQUIRED/APPROVALS:

☑ PR _____	☑ DPZ _____	☑ DED _____	☑ Health Approved MRE 3/7/23	☐ SHA	☐ CID

SUBMITTAL FEES: 25[illegible] PAYMENT: 122 ACCEPTED BY: MR


N 88°12'07" W 642.49'
PARCEL 205 PEAU PROPERTY L.18938, F.170
N 58°07'48" E 20.00'
S 31°49'40" E 451.07'
N 31°50'00" W 305.02'
305.00'
NAD 83/91
PARCEL 274 RICARDO PALACIOS L.20485, F.116
N 58°10'20" E 50.00'
S 31°49'40" E
N 58°10'20" E 80.00'
N 31°49'40" W 240.65'
PARCEL 513
DANIEL J. ESPENSHADE
L.20741, F.402
12390 HALL SHOP ROAD
80,989 SF. OR 1.8593 Ac.±
EX. WOOD DECK
EX. 2 STORY FRAME
100' STREAM BANK BUFFER
DELINEATED STREAM BANKS
EX. 50' BGE R.O.W. L. 12701, F. 312
N 01°39'01" W 1064.26'
407.00'
101.3'
100'
69.3'
17.9'
N78°36'50"W 10.09'
17.2'
132.7'
75.9'
PROP. 24'X24' FRAME GARAGE
N 23°34'45" W 148.92'
70.72'
S 13°10'39" W
EX. GRAVEL DRIVEWAY
CHESAPEAKE CONFERENCE ASSOCIATION OF SEVENTH DAY ADVENTISTS L.1004, F.1
PARCEL 165
MATCHLINE, THIS SHEET
N 34°48'40" W 260.93'
S 34°48'40" E 260.06'
S55°11'20"W 7.50'
INSET
SCALE: 1" = 100'
HALL SHOP ROAD
N 58°10'20" E 256.09'
S 58°10'20" W 350.00'
EX. WELL HO-94-3228
EX. SEPTIC RESERVE AREA
S 31°49'40" E 367.74'
N 31°49'40" W 415.02'
EX. ASPHALT DRIVEWAY
PARCEL 257 ELLEN SELLERS L.15523, F.225
N 19°59'40" W 384.99'
S 19°59'40" E 377.82'
365.43'
S07°21'20"W 8.55'
N68°22'40"W 14.45'
EX. ASPHALT DRIVEWAY
14' WIDE R.O.W. L. 43, F. 122
MATCHLINE, THIS SHEET
GRAPHIC SCALE 1"=100'
50' 0' 100'
HALL SHOP ROAD
PLAT SHOWING A PROPOSED GARAGE ON
PARCEL 513
TAX MAP 40, GRID 6
L.20741, F.402
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' DATE: DECEMBER 20, 2022
PREPARED BY:
NJR & ASSOCIATES, LLC.
LAND SURVEYING AND PLANNING
2770 STATE ROUTE 32
WEST FRIENDSHIP, MARYLAND 21794
TEL: (240) 508-3200
STATE OF MARYLAND
M.NAJIB ROSHAN
11049
PROFESSIONAL LAND SURVEYOR
DEC. 21, 2022
M.N. ROSHAN, L.S. DATE
MD REG. No. 11049



NOTE:
THE SEPTIC SYSTEM LAYOUT SHOWN HEREON IS BASED ON A PLOT PLAN BY CLSI, DATED 12/2/2002.

PLAT SHOWING A PROPOSED GARAGE ON
PARCEL 513
TAX MAP 40, GRID 6
L.20741, F.402
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' DATE: DECEMBER 20, 2022

PREPARED BY:
NJR & ASSOCIATES, LLC.
LAND SURVEYING AND PLANNING
2770 STATE ROUTE 32
WEST FRIENDSHIP, MARYLAND 21794
TEL: (240) 508-3200

STATE OF MARYLAND
M. NAJIB ROSHAN
11049
PROFESSIONAL LAND SURVEYOR

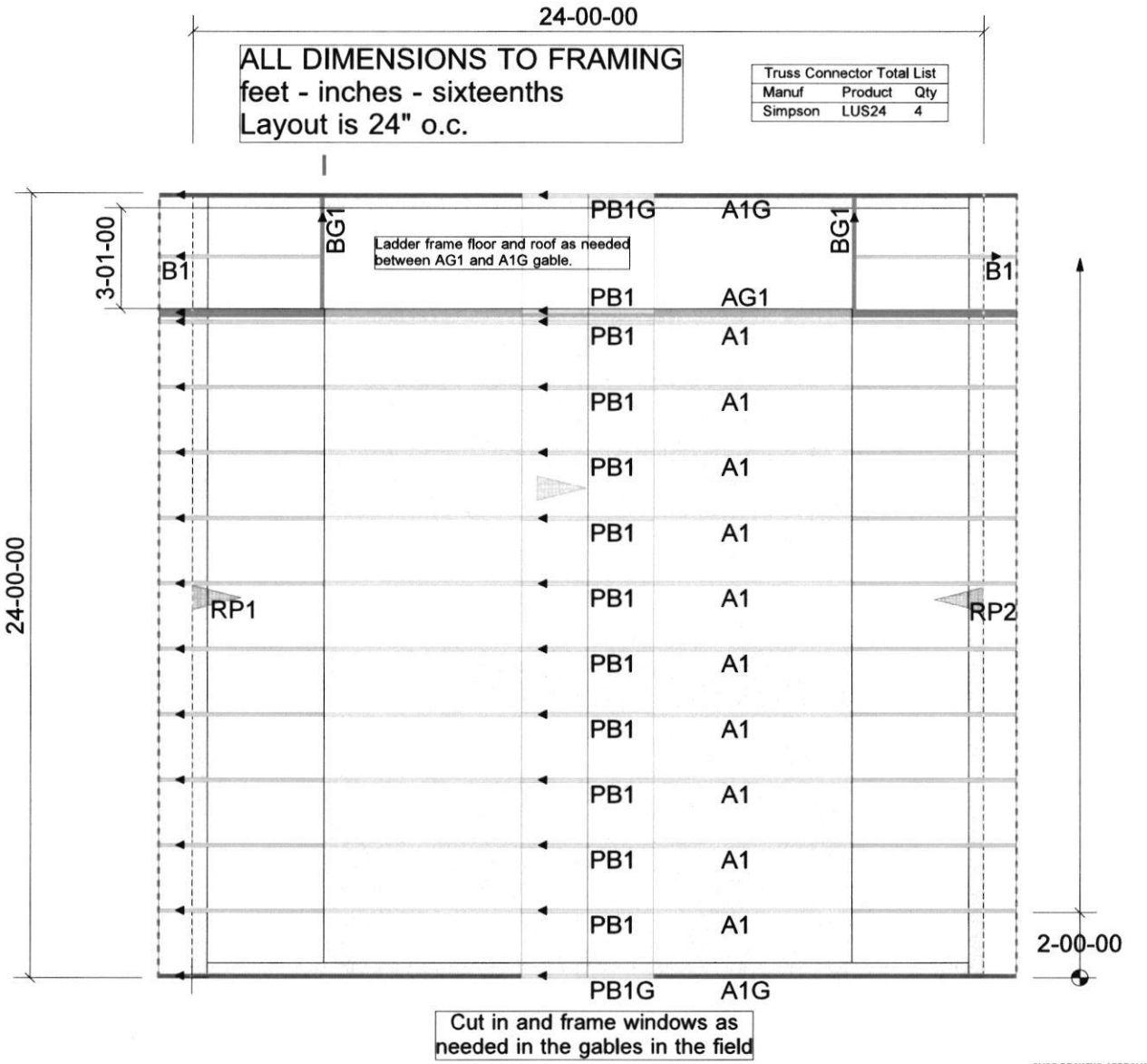
MAR. 6, 2023

M.N. ROSHAN, L.S. DATE
MD REG. No. 11049

B23000475

ROOF TRUSS LAYOUT

▲ = LEFT END OF TRUSS ON PROFILE DRAWING



SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

REVIEWED BY:_____ APPROVED BY:_____ DATE:_____

TW PERRY
STRUCTURAL DESIGN SUPPORT

ROOF TRUSS COLOR KEY

- = COMMON TRUSS
- = GIRDER TRUSS
- = GABLE TRUSS
- = PIGGYBACK TRUSS
- = VALLEY TRUSS

Job #: 30093A
Customer: Dan Espenshade
Job Name: 12390 Hall Shop Road
Address: 12390 Hall Shop Road
Designer: TR
Scale: NOT TO SCALE
Date: 1.23.23

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult "Bracing of Wood Trusses" available from the Truss Plate Institute, 583 D'Onofrio Drive; Madison, WI 53179.

DO NOT CUT OR DRILL TRUSSES!

Job	Truss	Truss Type	Qty	Ply	
30093	A1	Attic	10	1	Job Reference (optional)

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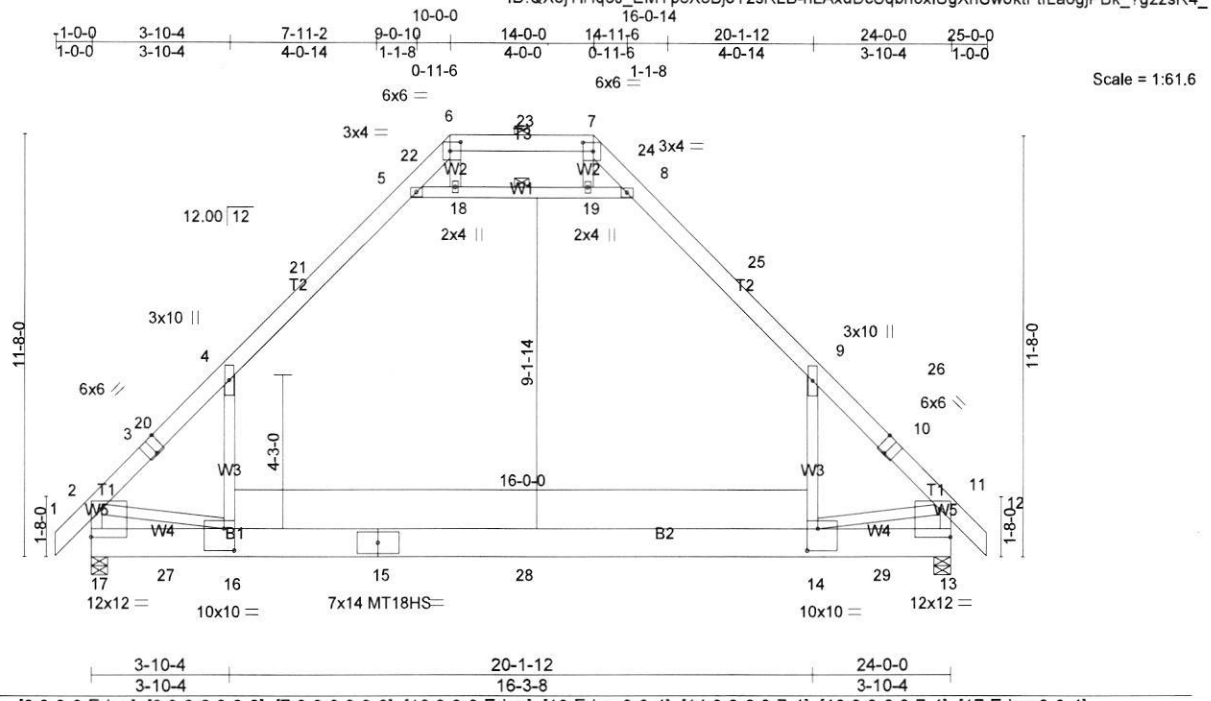

Plate Offsets (X,Y)-- [3:0-3-0,Edge], [6:0-3-8,0-3-0], [7:0-3-8,0-3-0], [10:0-3-0,Edge], [13:Edge,0-9-4], [14:0-3-8,0-7-4], [16:0-3-8,0-7-4], [17:Edge,0-9-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.98	Vert(LL)	-0.72	14-16	>397	360	MT20	244/190
Snow (Pf)	30.0	Lumber DOL	1.15	BC	0.70	Vert(CT)	-1.18	14-16	>241	240	MT18HS	244/190
TCDL	10.0	Rep Stress Incr	YES	WB	0.60	Horz(CT)	0.01	13	n/a	n/a		
BCLL	0.0 *	Code IRC2018/TPI2014		Matrix-S		Wind(LL)	0.12	14-16	>999	240	Weight: 215 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SP No.2 *Except* T2: 2x6 SP 2400F 2.0E
BOT CHORD 2x10 SP 2400F 2.0E
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 6-8-13 oc bracing.
WEBS 1 Row at midpt 5-8

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

REACTIONS. (lb/size) 17=1699/0-5-8 (min. 0-1-10), 13=1699/0-5-8 (min. 0-1-10)
Max Horz 17=232(LC 9)
Max Grav 17=1993(LC 3), 13=1993(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2103/0, 3-20=-2018/0, 4-20=-1949/0, 4-21=-1290/0, 5-21=-1024/0, 5-22=-41/668, 6-22=-32/683, 6-23=0/1123, 7-23=0/1123, 7-24=-32/683, 8-24=-41/668, 8-25=-1024/0, 9-25=-1290/0, 9-26=-1949/0, 10-26=-2017/0, 10-11=-2102/0, 2-17=-2102/0, 11-13=-2103/0
BOT CHORD 17-27=-130/527, 16-27=-130/527, 15-16=0/1189, 15-28=0/1189, 14-28=0/1189, 14-29=0/356, 13-29=0/356
WEBS 4-16=0/1130, 5-18=-2124/0, 18-19=-2109/0, 8-19=-2124/0, 9-14=0/1130, 2-16=0/868, 11-14=0/869

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=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; 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); Pf=30.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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.
9) Ceiling dead load (10.0 psf) on member(s). 4-5, 8-9, 5-18, 18-19, 8-19; Wall dead load (10.0psf) on member(s).4-16, 9-14
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 14-16
11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
12) This truss has been designed for a moving concentrated load of 250.0lb live and 3.0lb dead located at all mid panels and at all panel points along the Top Chord and Bottom Chord, nonconcurrent with any other live loads.
13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
14) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
30093	A1G	Piggyback Base Supported Gable	2	1	Job Reference (optional)

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-1-0-0 1-0-0 | 10-0-0 10-0-0 | 14-0-0 4-0-0 | 24-0-0 10-0-0 | 25-0-0 1-0-0

Scale = 1:60.5

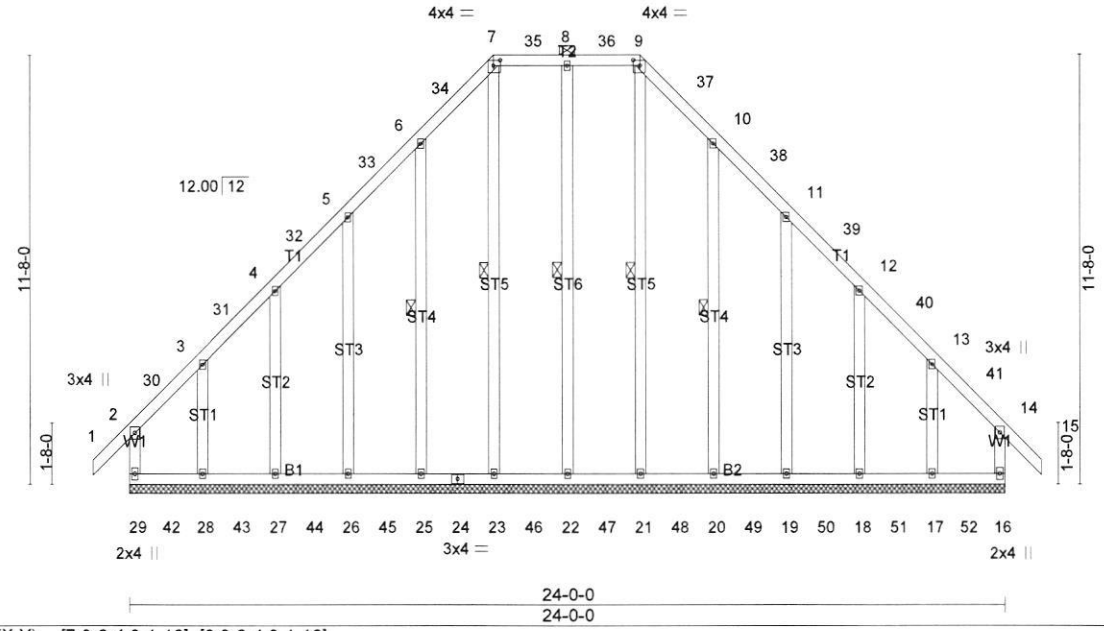

Plate Offsets (X,Y)-- [7:0-2-4,0-1-12], [9:0-2-4,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	0.00	14	n/r	120	MT20	244/190
Snow (Pf)	30.0	Lumber DOL	1.15	BC	0.15	Vert(CT)	-0.00	15	n/r	120		
TCDL	10.0	Rep Stress Incr	YES	WB	0.26	Horz(CT)	-0.00	16	n/a	n/a		
BCLL	0.0 *	Code IRC2018/TPI2014		Matrix-R							Weight: 215 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-9.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 9-21, 8-22, 7-23, 6-25, 10-20

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

REACTIONS. All bearings 24-0-0.
(lb) - Max Horz 29=-242(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 22, 25, 26, 27, 20, 19, 18 except 29=-179(LC 6), 16=-160(LC 7), 28=-163(LC 10), 17=-158(LC 11)
Max Grav All reactions 250 lb or less at joint(s) except 29=314(LC 69), 16=314(LC 81), 21=329(LC 76), 22=337(LC 75), 23=329(LC 74), 25=335(LC 73), 26=332(LC 72), 27=334(LC 71), 28=329(LC 70), 20=335(LC 77), 19=332(LC 78), 18=334(LC 79), 17=329(LC 80)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-29=-295/140, 6-33=-59/251, 6-34=-115/287, 7-34=-48/294, 9-37=-43/288, 10-37=-115/281, 14-16=-295/125
WEBS 9-21=-269/13, 8-22=-276/37, 7-23=-269/16, 6-25=-279/97, 5-26=-278/103, 4-27=-283/88, 3-28=-280/140, 10-20=-279/96, 11-19=-278/103, 12-18=-283/89, 13-17=-280/138

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=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) TCLL: ASCE 7-16; Pr=30.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=30.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
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 30.0 psf on overhangs non-concurrent with other live loads.
6) Provide adequate drainage to prevent water ponding.
7) All plates are 2x3 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
10) Gable studs spaced at 2-0-0 oc.
11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
12) * 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.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 22, 25, 26, 27, 20, 19, 18 except (jt=lb) 29=179, 16=160, 28=163, 17=158.
14) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	
30093	A1G	Piggyback Base Supported Gable	2	1	Job Reference (optional)

NOTES-

15) This truss has been designed for a moving concentrated load of 250.0lb live and 3.0lb dead located at all mid panels and at all panel points along the Top Chord and Bottom Chord, nonconcurrent with any other live loads.
16) 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	Truss	Truss Type	Qty	Ply	
30093	AG1	ATTIC GIRDER	1	2	Job Reference (optional)

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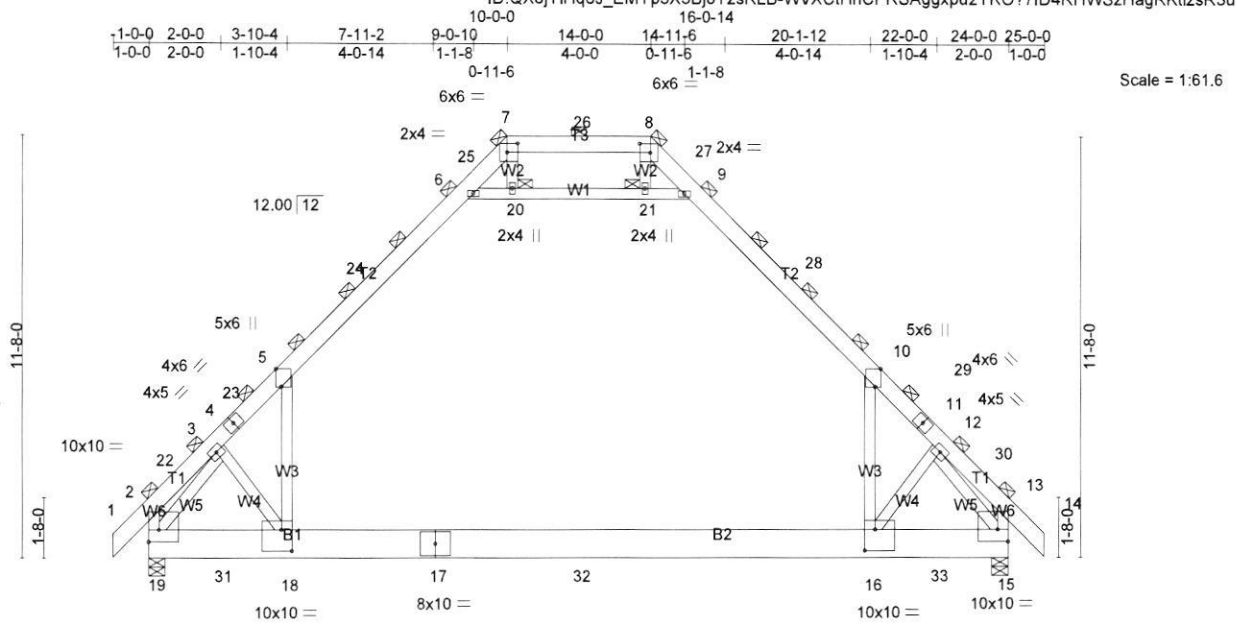

Plate Offsets (X,Y)-- [2:Edge,0-4-0], [5:0-5-14,Edge], [7:0-3-8,0-3-0], [8:0-3-8,0-3-0], [10:0-5-14,Edge], [15:Edge,0-4-0], [16:0-3-8,0-7-0], [18:0-3-8,0-7-0]

LOADING (psf)		SPACING-	3-0-0	CSI.		DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.92	Vert(LL)	-0.49 16-18	>577	360	MT20	244/190
Snow (Pf)	30.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.82 16-18	>345	240		
TCDL	10.0	Rep Stress Incr	NO	WB	0.36	Horz(CT)	0.01 15	n/a	n/a		
BCLL	0.0 *	Code IRC2018/TPI2014		Matrix-S		Wind(LL)	0.13 16-18	>999	240	Weight: 443 lb	FT = 20%
BCDL	10.0										

LUMBER-
TOP CHORD 2x6 SP No.2 *Except* T2: 2x6 SP 2400F 2.0E
BOT CHORD 2x10 SP 2400F 2.0E
WEBS 2x4 SP No.2

BRACING-
TOP CHORD 2-0-0 oc purlins (6-0-0 max.), except end verticals (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 7, 8, 2, 13, 20, 21

REACTIONS. (lb/size) 15=2752/0-5-8 (min. 0-1-8), 19=2752/0-5-8 (min. 0-1-8)
Max Horz 19=-348(LC 8)
Max Grav 15=3201(LC 71), 19=3201(LC 74)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-22=-399/45, 3-22=-292/51, 3-4=-3798/0, 4-23=-3730/0, 5-23=-3676/0, 5-24=-1991/0, 6-24=-1593/31, 6-25=-23/967, 7-25=-18/989, 7-26=0/1634, 8-26=0/1634, 8-27=-18/989, 9-27=-24/967, 9-28=-1593/0, 10-28=-1991/0, 10-29=-3675/0, 11-29=-3729/0, 11-12=-3797/0, 12-30=-292/51, 13-30=-399/45, 2-19=-466/86, 13-15=-466/86
BOT CHORD 19-31=0/2203, 18-31=0/2203, 17-18=0/1888, 17-32=0/1888, 16-32=0/1888, 16-33=0/2139, 15-33=0/2139
WEBS 5-18=0/2551, 6-20=-3355/0, 20-21=-3332/0, 9-21=-3354/0, 10-16=0/2551, 3-19=-3600/0, 3-18=-596/124, 12-16=-596/125, 12-15=-3599/0

NOTES-
1) 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, 2x4 - 1 row 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.
2) 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.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) TCLL: ASCE 7-16; Pr=30.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=30.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
7) Provide adequate drainage to prevent water ponding.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * 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.
10) Ceiling dead load (10.0 psf) on member(s). 5-6, 9-10, 6-20, 20-21, 9-21; Wall dead load (10.0psf) on member(s).5-18, 10-16
11) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 16-18
12) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
13) This truss has been designed for a moving concentrated load of 250.0lb live and 3.0lb dead located at all mid panels and at all panel points along the Top Chord and Bottom Chord, nonconcurrent with any other live loads.
14) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

NOTES-

15) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 231 lb down and 218 lb up at 3-11-4, and 231 lb down and 218 lb up at 20-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
16) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-2=-120, 2-5=-120, 5-6=-150, 6-7=-120, 7-8=-120, 8-9=-120, 9-10=-150, 10-13=-120, 13-14=-120, 18-19=-30, 16-18=-60, 15-16=-30, 6-9=-30
      Drag: 5-18=-30, 10-16=-30
   Concentrated Loads (lb)
      Vert: 18=-203(B) 16=-203(B)

Job	Truss	Truss Type	Qty	Ply	
30093	B1	Jack-Closed	2	1	Job Reference (optional)

Run: 81.620 s Jan 12 2023 Print: 8.620 s Jan 12 2023 MiTek Industries, Inc. Mon Jan 23 16:26:30 2023 Page 1
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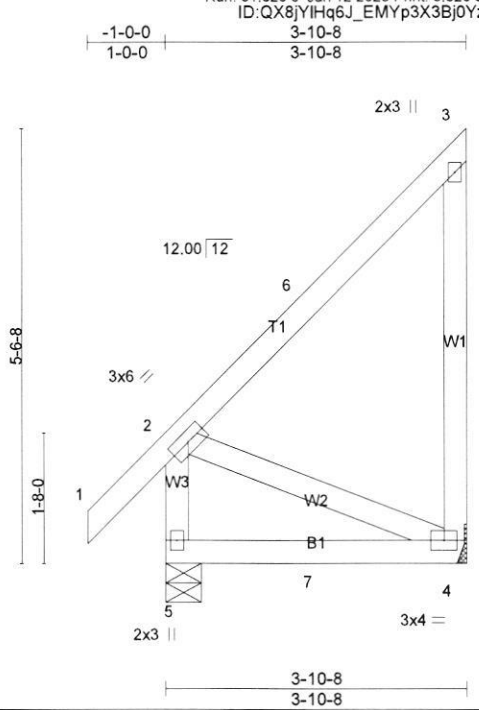

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.48	Vert(LL)	-0.06	4-5	>779	360	MT20	244/190
Snow (Pf)	30.0	Lumber DOL	1.15	BC	0.48	Vert(CT)	-0.07	4-5	>654	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.02	Horz(CT)	-0.00	4	n/a	n/a		
BCLL	0.0 *	Code IRC2018/TPI2014		Matrix-P		Wind(LL)	0.00	5	****	240	Weight: 31 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 5=285/0-5-8 (min. 0-1-8), 4=165/Mechanical
Max Horz 5=154(LC 7)
Max Uplift5=-20(LC 6), 4=-95(LC 7)
Max Grav 5=351(LC 28), 4=321(LC 30)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-315/42, 3-4=-285/70

NOTES-
1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pr=30.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=30.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 4.
8) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) This truss has been designed for a moving concentrated load of 250.0lb live and 3.0lb dead located at all mid panels and at all panel points along the Top Chord and Bottom Chord, nonconcurrent with any other live loads.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
30093	BG1	Flat Girder	2	1	Job Reference (optional)

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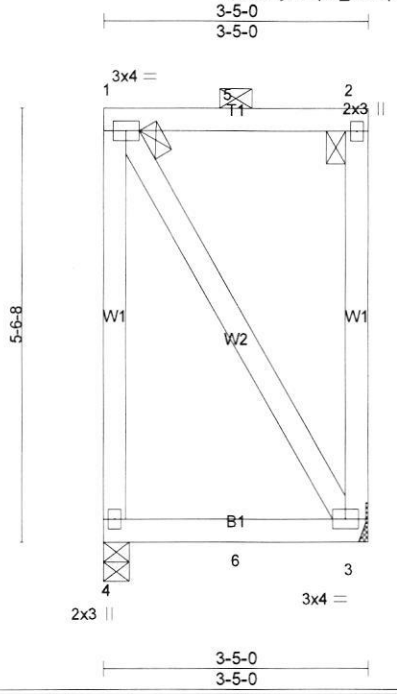

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LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.45	Vert(LL)	-0.04	3-4	>999	360	MT20	244/190
Snow (Pf)	30.0	Lumber DOL	1.15	BC	0.52	Vert(CT)	-0.05	3-4	>751	240		
TCDL	10.0	Rep Stress Incr	NO	WB	0.09	Horz(CT)	-0.00	3	n/a	n/a		
BCLL	0.0 *	Code IRC2018/TPI2014		Matrix-P		Wind(LL)	0.02	3-4	>999	240	Weight: 33 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 4=224/0-4-0 (min. 0-1-8), 3=233/Mechanical
Max Horz 4=-141(LC 6)
Max Uplift4=-181(LC 6), 3=-188(LC 7)
Max Grav 4=339(LC 28), 3=343(LC 30)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-4=-284/150, 2-3=-284/32

NOTES-
1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pr=30.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=30.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=181, 3=188.
8) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) This truss has been designed for a moving concentrated load of 250.0lb live and 3.0lb dead located at all mid panels and at all panel points along the Top Chord and Bottom Chord, nonconcurrent with any other live loads.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 165 lb down and 115 lb up at 1-9-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
12) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-80, 3-4=-20
Concentrated Loads (lb)
Vert: 6=-145(F)

Job	Truss	Truss Type	Qty	Ply	
30093	PB1	Piggyback	11	1	Job Reference (optional)

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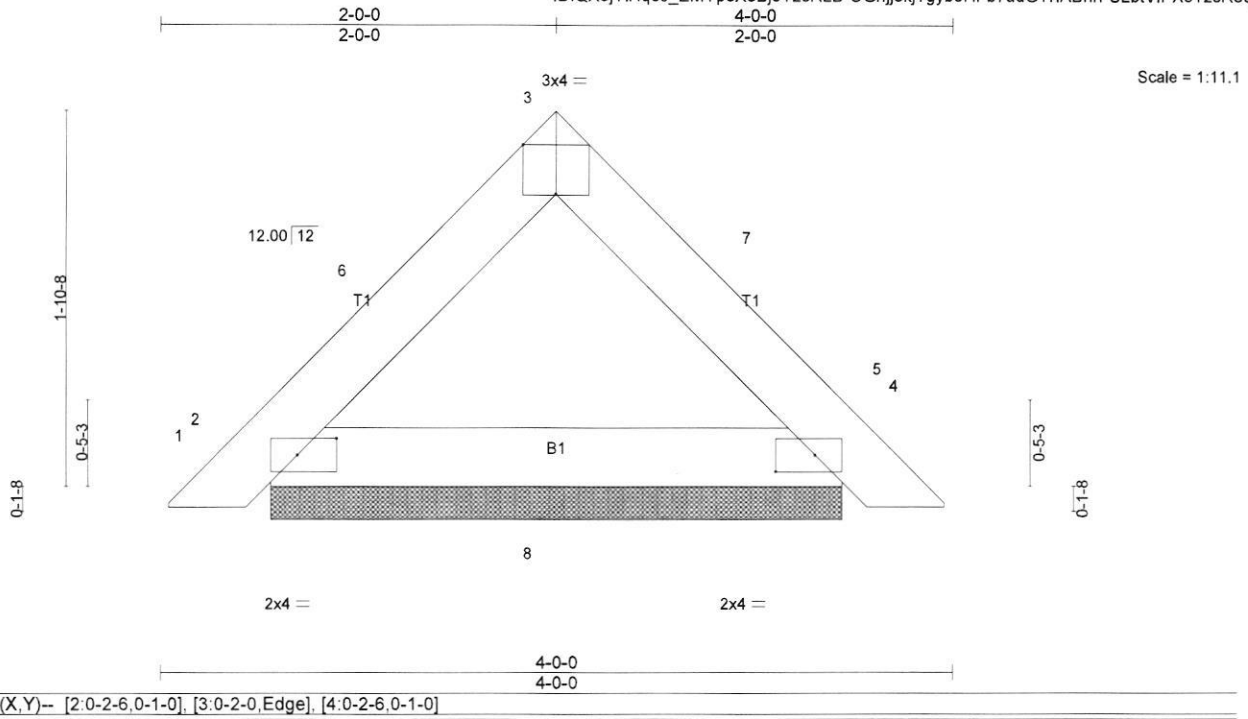

Plate Offsets (X,Y)-- [2:0-2-6,0-1-0], [3:0-2-0,Edge], [4:0-2-6,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	0.00	4	n/r	120	MT20	244/190
Snow (Pf)	30.0	Lumber DOL	1.15	BC	0.36	Vert(CT)	0.00	4	n/r	120		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCLL	0.0 *	Code IRC2018/TPI2014		Matrix-P							Weight: 13 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 2=170/2-10-10 (min. 0-1-8), 4=170/2-10-10 (min. 0-1-8)
Max Horz 2=-32(LC 8)
Max Uplift2=-8(LC 10), 4=-8(LC 11)
Max Grav 2=317(LC 34), 4=317(LC 36)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

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=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; 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); Pf=30.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * 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.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
10) This truss has been designed for a moving concentrated load of 250.0lb live and 3.0lb dead located at all mid panels and at all panel points along the Top Chord and Bottom Chord, nonconcurrent with any other live loads.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
30093	PB1G	Piggyback	2	1	Job Reference (optional)

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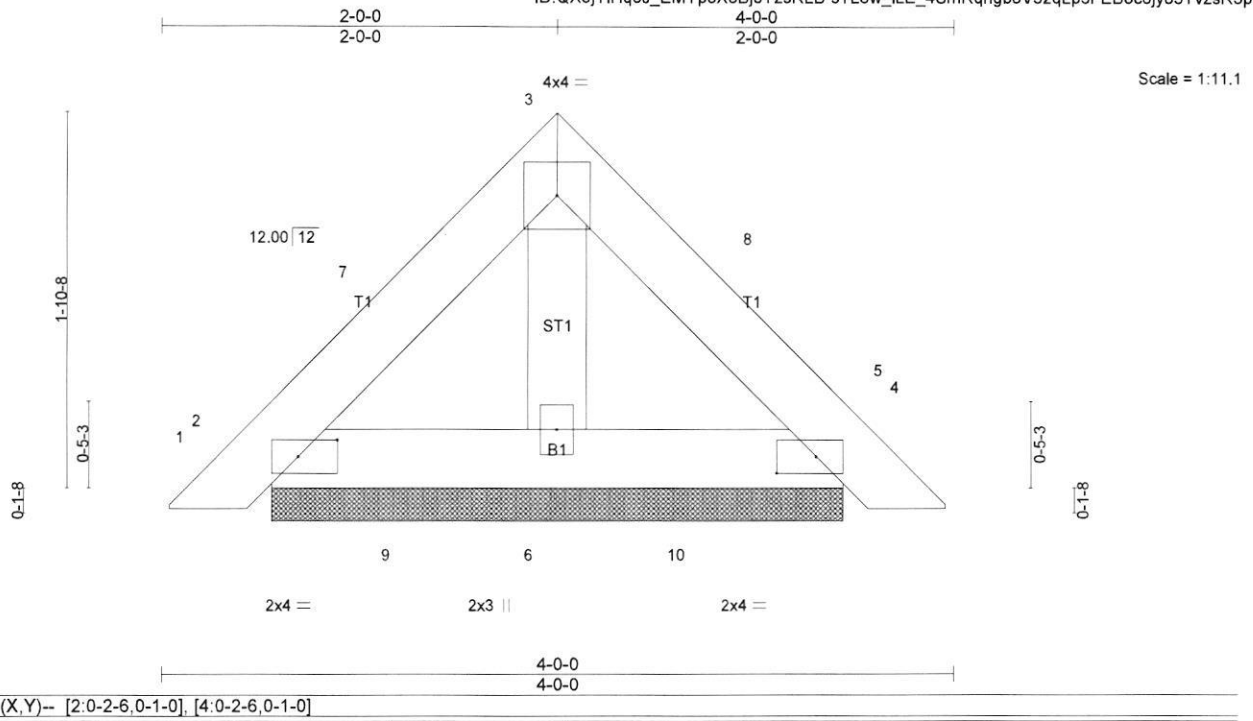


Plate Offsets (X,Y)-- [2:0-2-6,0-1-0], [4:0-2-6,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	0.00	4	n/r	120	MT20	244/190
Snow (Pf)	30.0	Lumber DOL	1.15	BC	0.12	Vert(CT)	0.00	4	n/r	120		
TCDL	10.0	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCLL	0.0 *	Code IRC2018/TPI2014		Matrix-P							Weight: 14 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

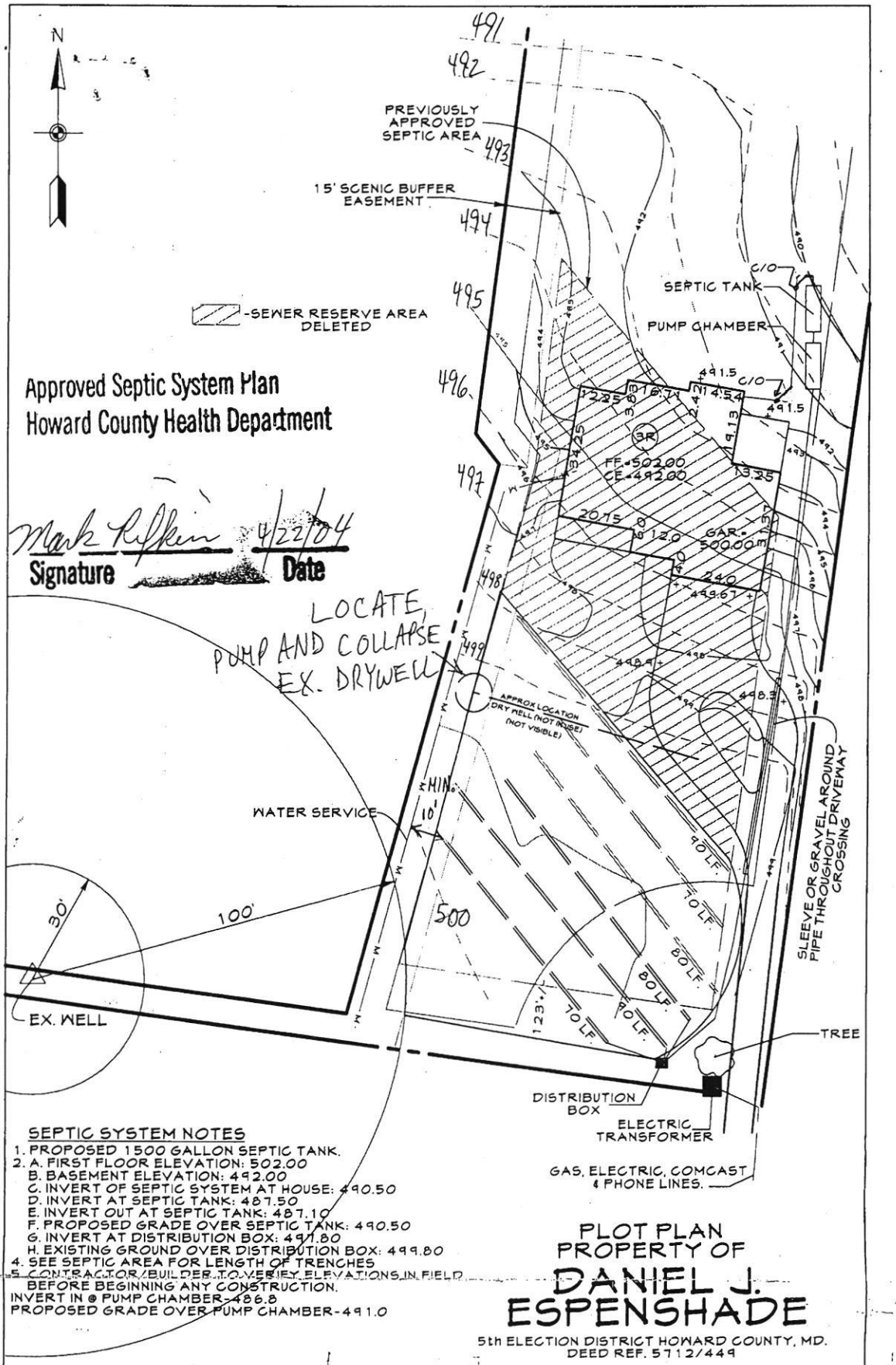
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=116/2-10-10 (min. 0-1-8), 4=116/2-10-10 (min. 0-1-8), 6=107/2-10-10 (min. 0-1-8)
Max Horz 2=-32(LC 8)
Max Uplift2=-14(LC 10), 4=-18(LC 11)
Max Grav 2=290(LC 34), 4=290(LC 36), 6=307(LC 39)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

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=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; 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); Pf=30.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * 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.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
10) This truss has been designed for a moving concentrated load of 250.0lb live and 3.0lb dead located at all mid panels and at all panel points along the Top Chord and Bottom Chord, nonconcurrent with any other live loads.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard



Approved Septic System Plan
Howard County Health Department

Mark Rifkin 4/22/04
Signature Date

SEPTIC SYSTEM NOTES

1. PROPOSED 1500 GALLON SEPTIC TANK.
2. A. FIRST FLOOR ELEVATION: 502.00
   B. BASEMENT ELEVATION: 492.00
   C. INVERT OF SEPTIC SYSTEM AT HOUSE: 490.50
   D. INVERT AT SEPTIC TANK: 487.50
   E. INVERT OUT AT SEPTIC TANK: 487.10
   F. PROPOSED GRADE OVER SEPTIC TANK: 490.50
   G. INVERT AT DISTRIBUTION BOX: 491.80
   H. EXISTING GROUND OVER DISTRIBUTION BOX: 499.80
4. SEE SEPTIC AREA FOR LENGTH OF TRENCHES
5. CONTRACTOR/BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

INVERT IN @ PUMP CHAMBER-486.8
PROPOSED GRADE OVER PUMP CHAMBER-491.0

PLOT PLAN
PROPERTY OF
DANIEL J. ESPENSHADE

5th ELECTION DISTRICT HOWARD COUNTY, MD.
DEED REF. 5712/449

EXISTING GRADES SHOULD BE FIELD VERIFIED WHEN HOUSE STAKEOUT IS DONE.

DATE	REVISIONS	
9-26-03	REVISE UTILITY LINE LOCATION	CDD
3-05-04	REVISED HOUSE TYPE & LOCATION	CDD
4-06-04	REV. SEPTIC TANK LOCATION	CDD

CLSI
Carroll Land Services Incorporated
Engineers * Surveyors * Land Development Consultants
Landscape Architects * Environmental Specialists
439 East Main Street Westminster, MD 21157-5339
(410) 876-2017 FAX (410) 876-0009

DRAWN BY:	CDD
DESIGN BY:	
REVIEW BY:	DEM
DATE:	12-2-02
SCALE:	1"=30'
JOB NO:	2002203
SHEET:	2 OF 2

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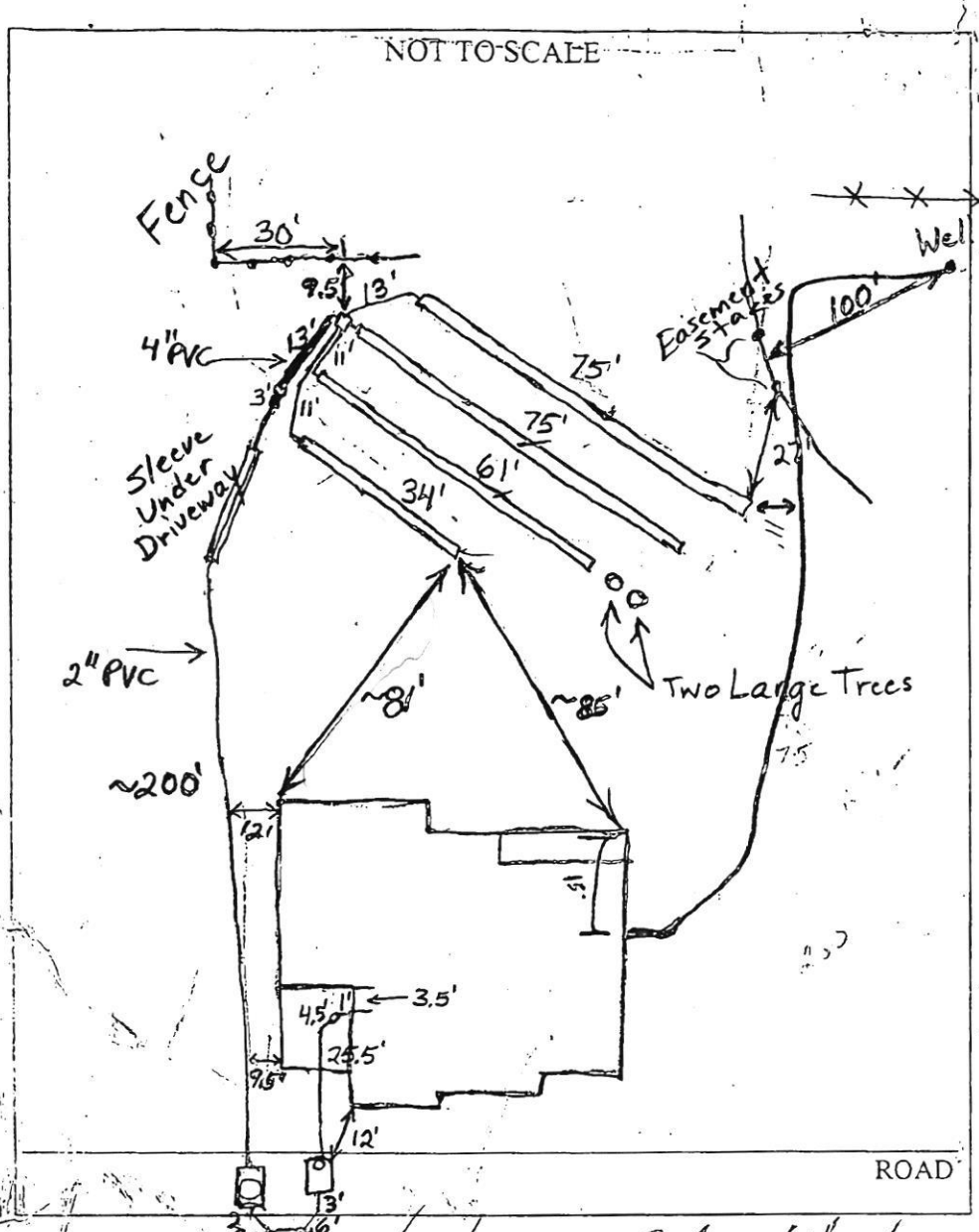
NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3'	5'

NUMBER OF TRENCHES 4
TOTAL LENGTH 245'
ABSORPTION AREA 735 sq. ft.
DISTRIBUTION BOX LEVEL Levelers
DISTRIBUTION BOX BAFFLE Yes
DISTRIBUTION BOX PORT No

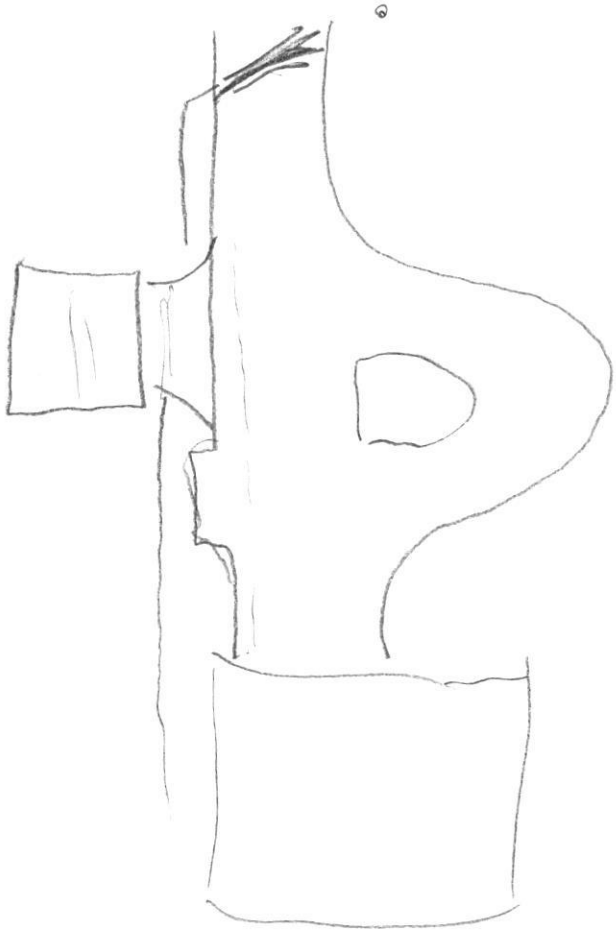
SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL ✓
CAPACITY 1250 GAL
SEAM LOC Top
TANK LID DEPTH 1.5'
BAFFLES Yes
BAFFLE FILTER No
MANHOLE LOC None
6" PORT LOC Front
WATERTIGHT TEST No
SEPTIC TANK 2 LEVEL ✓
CAPACITY 1250 GAL
SEAM LOC Top
TANK LID DEPTH 2'-2.5'
BAFFLES Tee
BAFFLE FILTER No
MANHOLE LOC Middle
6" PORT LOC None
WATERTIGHT TEST No

PRE-CONSTRUCTION 7/12/04 - SRA staked, contour grade to Fastell 70'/80'/90' trenches (SO)

INSTALLATION 7/21/04 Tyock crew did not install trenches as planned because of two large trees in septic easement. Hope trees fall on house. Conserve area with any repairs. Need pump and alarm test. (BB) 10/8/04 - Pump & Alarm tests OK (SO)

FINAL INSPECTOR [signature] DATE OF APPROVAL 10/8/04



SHEET INDEX

SYMBOL LEGEND

X — BUILDING SECTION

ELEVATION NAME

Y / X — ROOF SLOPE

D-0 — DOOR TAG

W-0 — WINDOW TAG

LICIENCE & AGREMENTS

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2-) CONSULT LOCAL AUTHORITIES AND YOUR CONTRACTORS BEFORE CREATING THIS PLAN. THE ENTIRE RESPONSIBILITY FOR THE CONSTRUCTION OF THIS PROJECT IS YOUR AND YOUR CONTRACTOR(S).

3-) NOTE: THIS PROJECT IS PRE-MADE DESIGN. IF YOU NEED CUSTOMIZATION OR A NEW PROJECT FOR YOU, IBRA HOUSE PLANS ALSO PROVIDES A CUSTOM HOUSE DESIGN SERVICE. THIS SERVICE IS CHARGED FOR ADDITIONAL CHARGES. PLEASE EMAIL US FOR CONTACT.

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Project:

DETACHED GARAGE

General Note:

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Sheet Tittle:

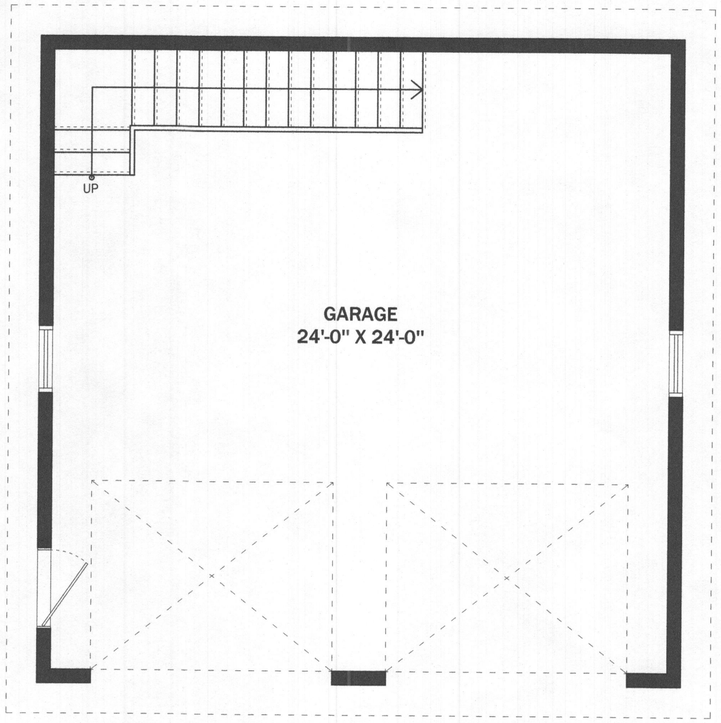
COVER SHEET

Scale:

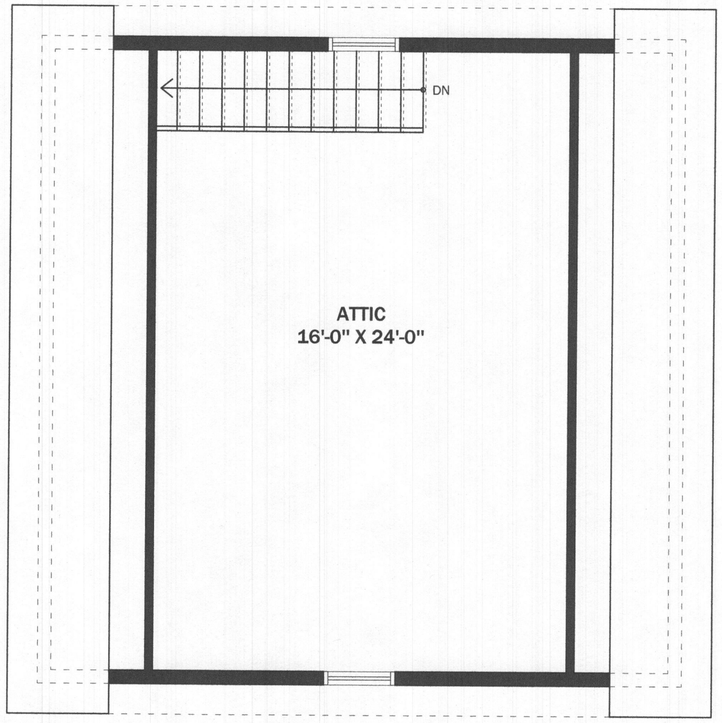
1/4" = 1'-0"

Sheet No:

A 0.0



GROUND FLOOR PLAN
SCALE: 1/4" = 1'-0"



ATTIC FLOOR PLAN
SCALE: 1/4" = 1'-0"

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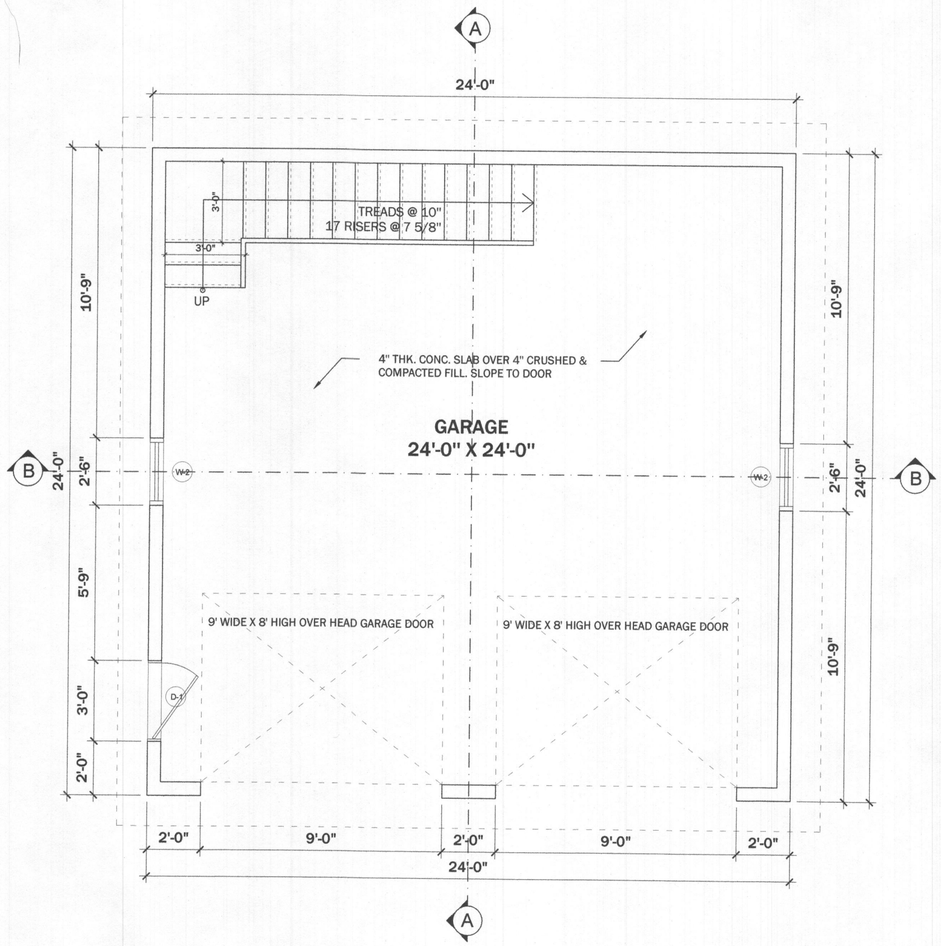
FLOOR PLAN

Scale:

1/4" = 1'-0"

Sheet No:

A 1.0



GROUND FLOOR PLAN

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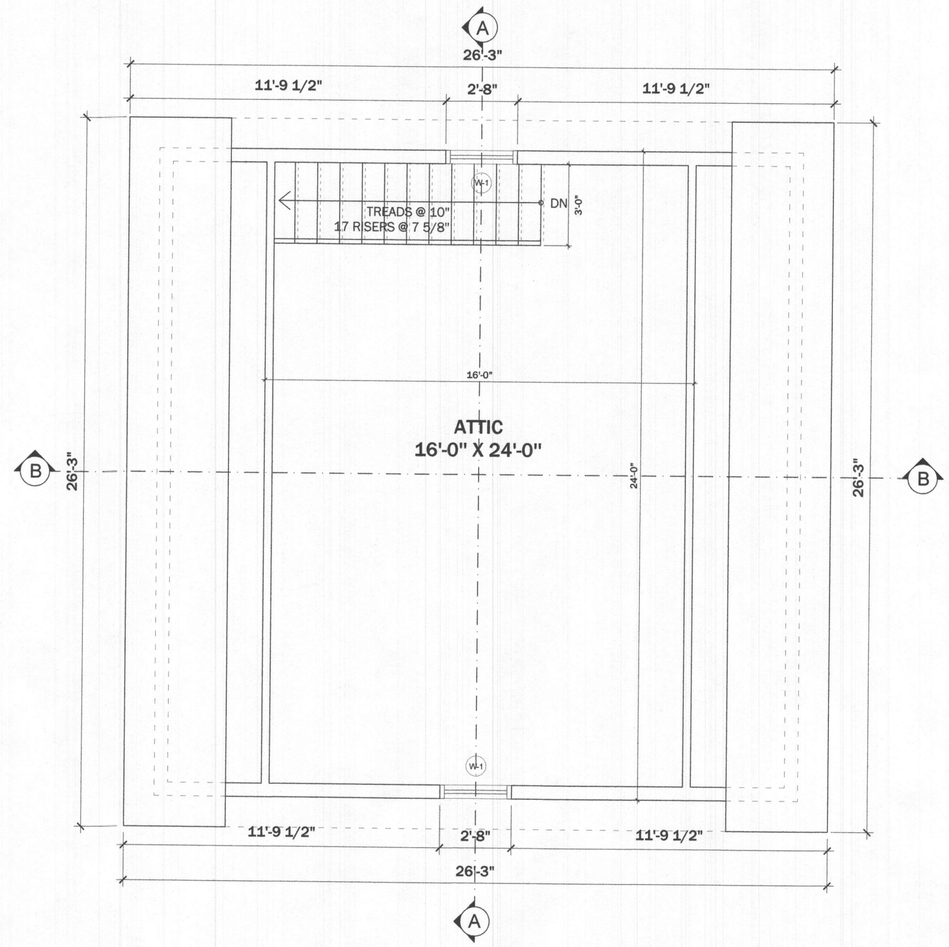

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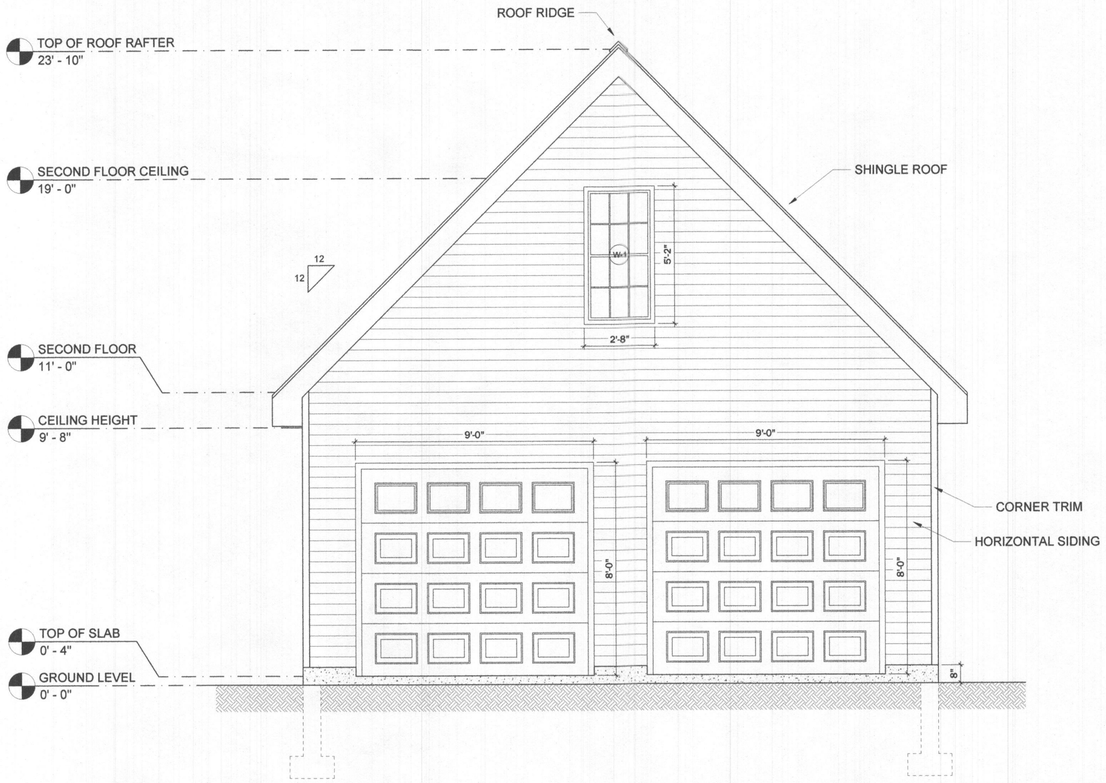
FLOOR PLAN

Scale:

1/4" = 1'-0"

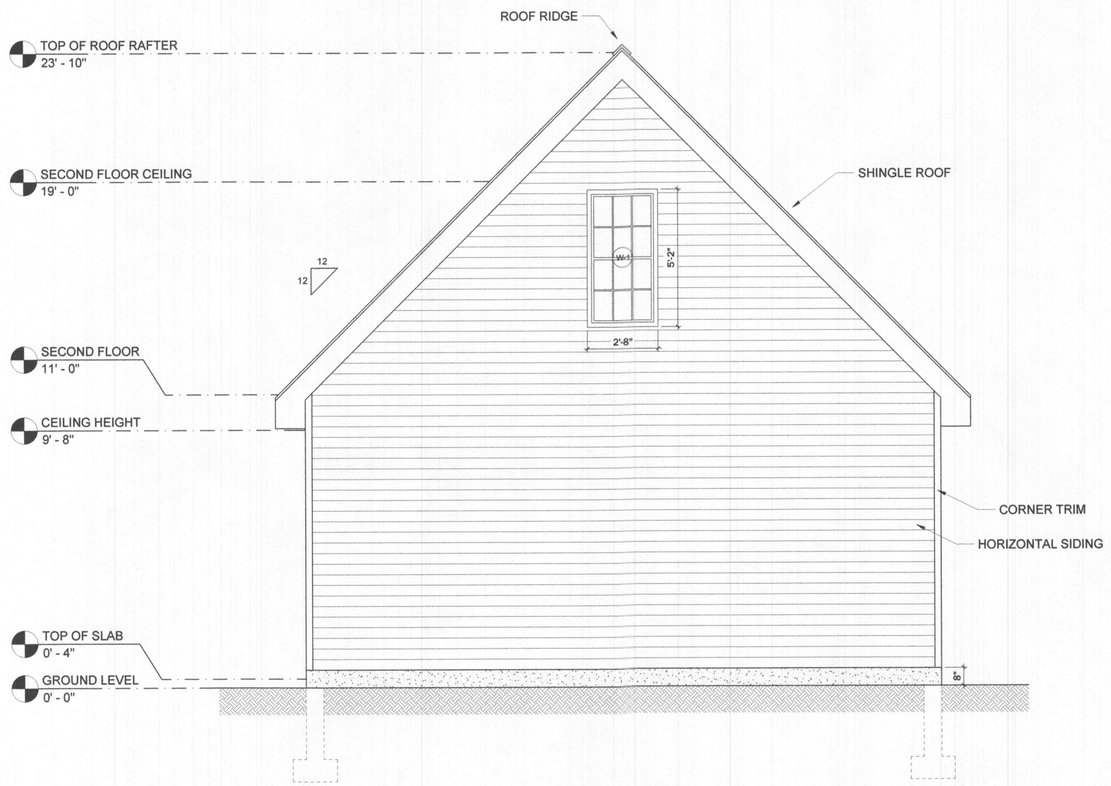
Sheet No:

A 1.1



FRONT ELEVATION

SCALE: 1/4" = 1'-0"



REAR ELEVATION

SCALE: 1/4" = 1'-0"

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Sheet Tittle:

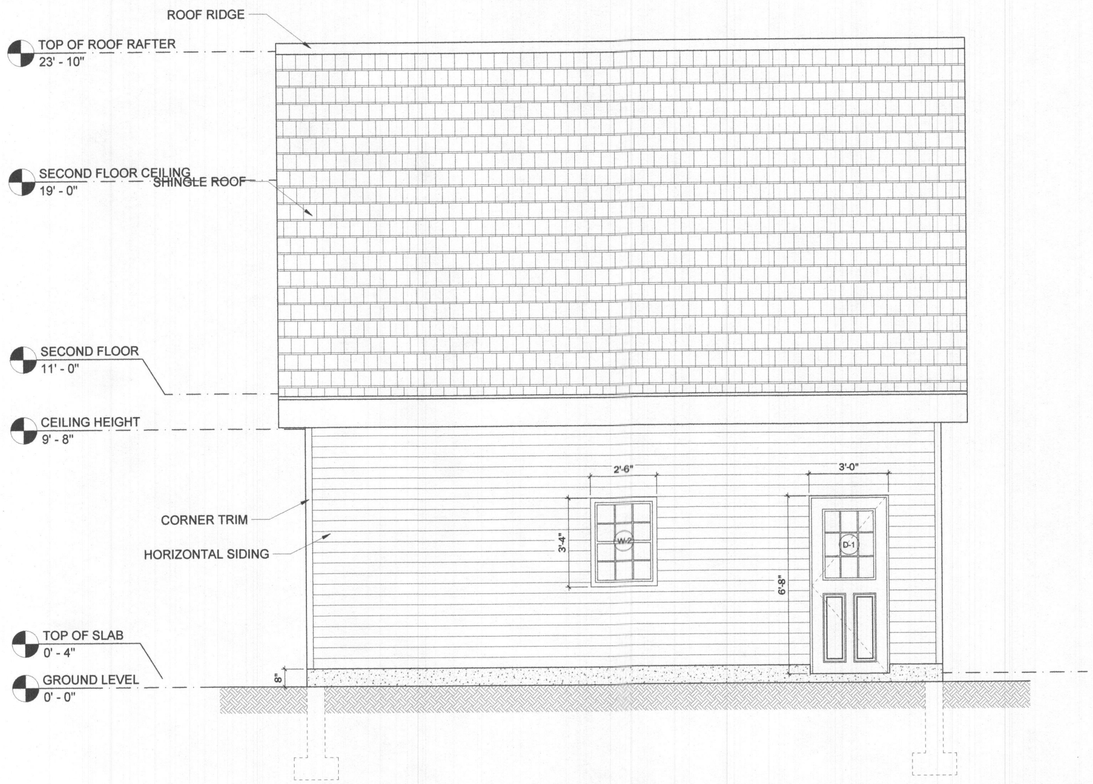
ELEVATION DRAWINGS

Scale:

1/4" = 1'-0"

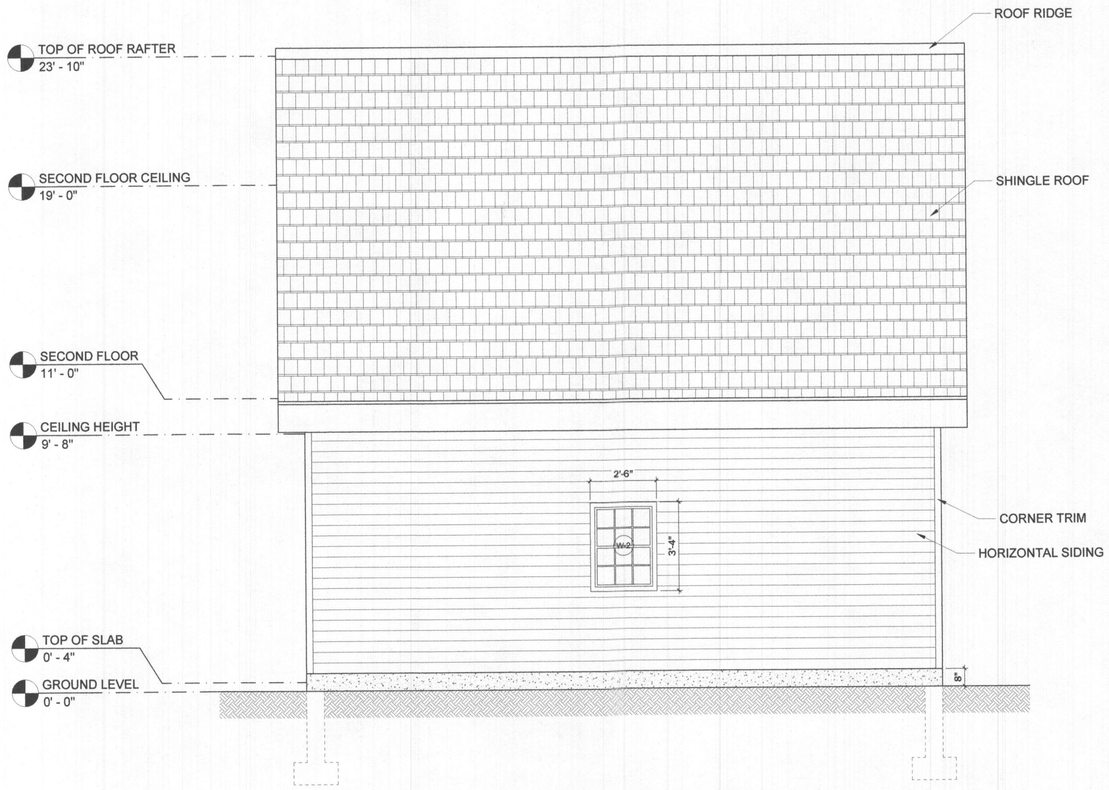
Sheet No:

A 2.0



LEFT SIDE ELEVATION

SCALE: 1/4" = 1'-0"



RIGHT SIDE ELEVATION

SCALE: 1/4" = 1'-0"

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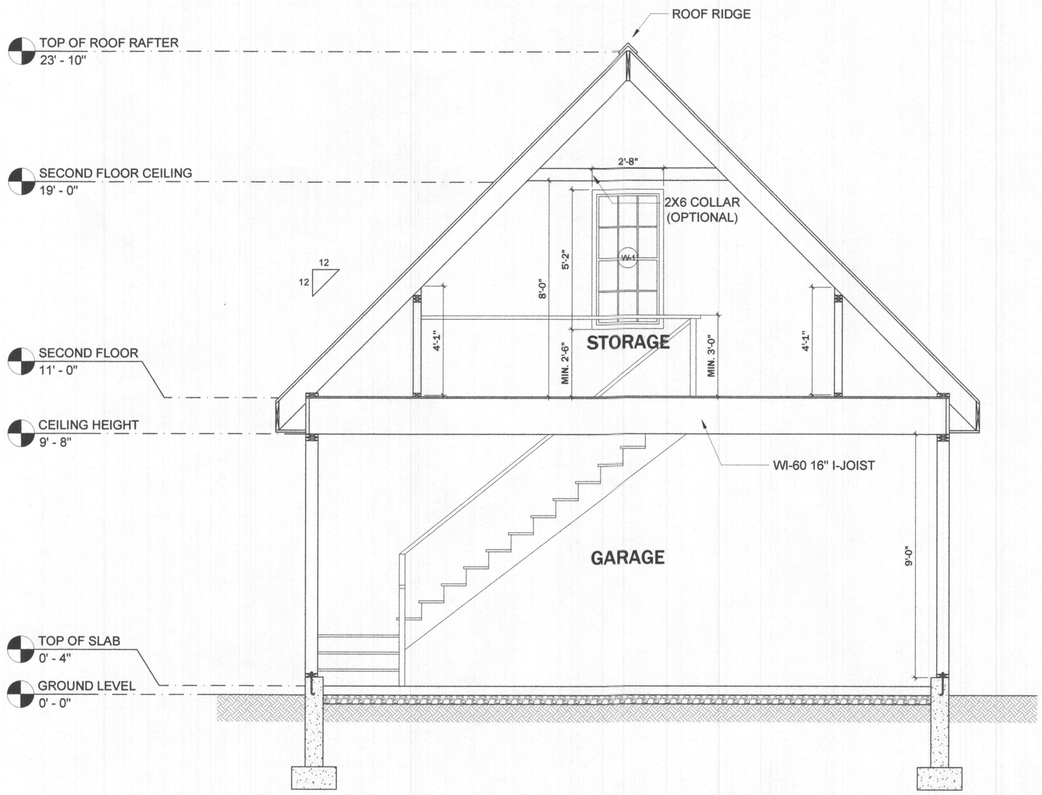
ELEVATION DRAWINGS

Scale:

1/4" = 1'-0"

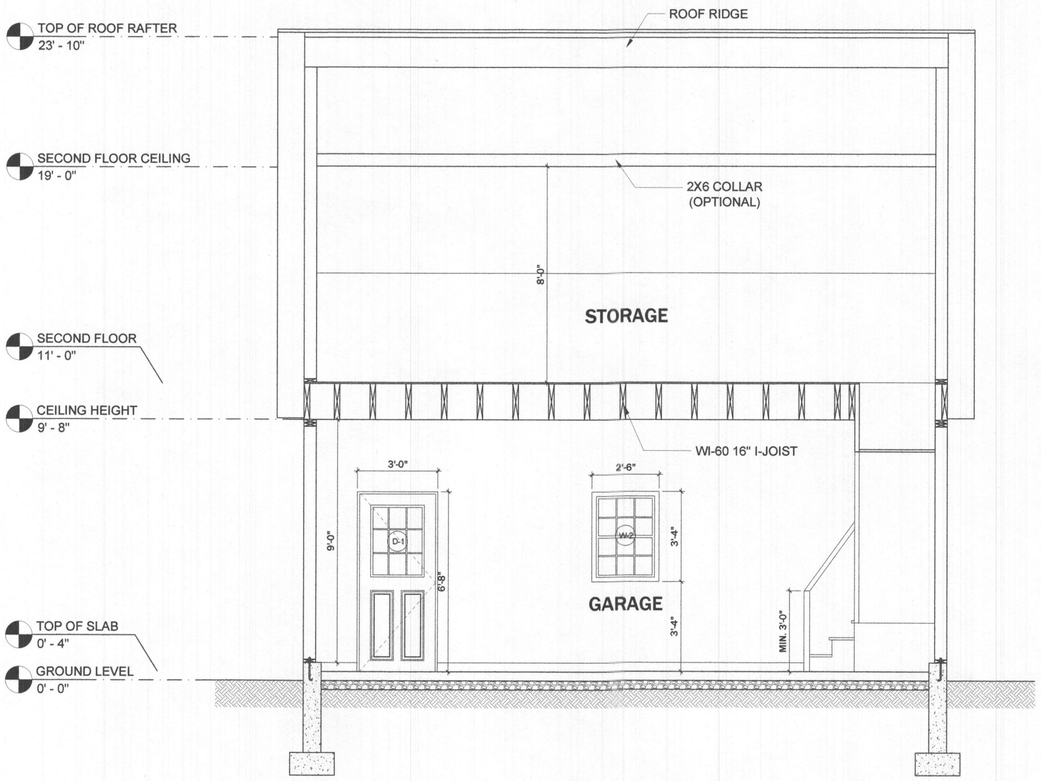
Sheet No:

A 2.1



SECTION A-A

SCALE: 1/4" = 1'-0"



SECTION B-B

SCALE: 1/4" = 1'-0"

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Sheet Tittle:

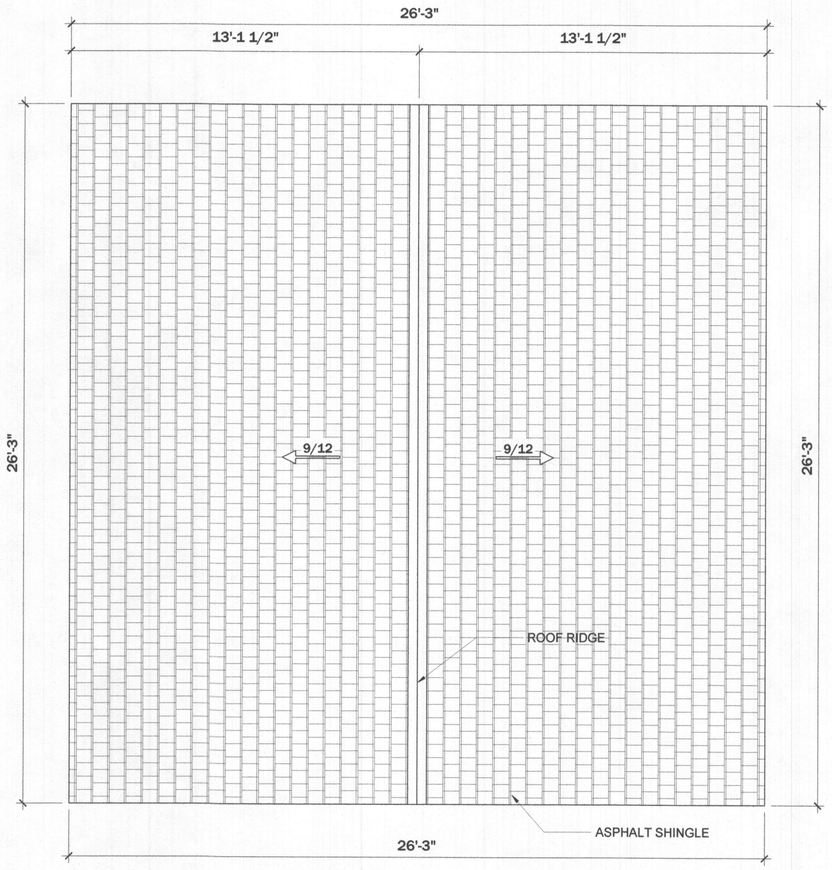
CROSS SECTIONS

Scale:

1/4" = 1'-0"

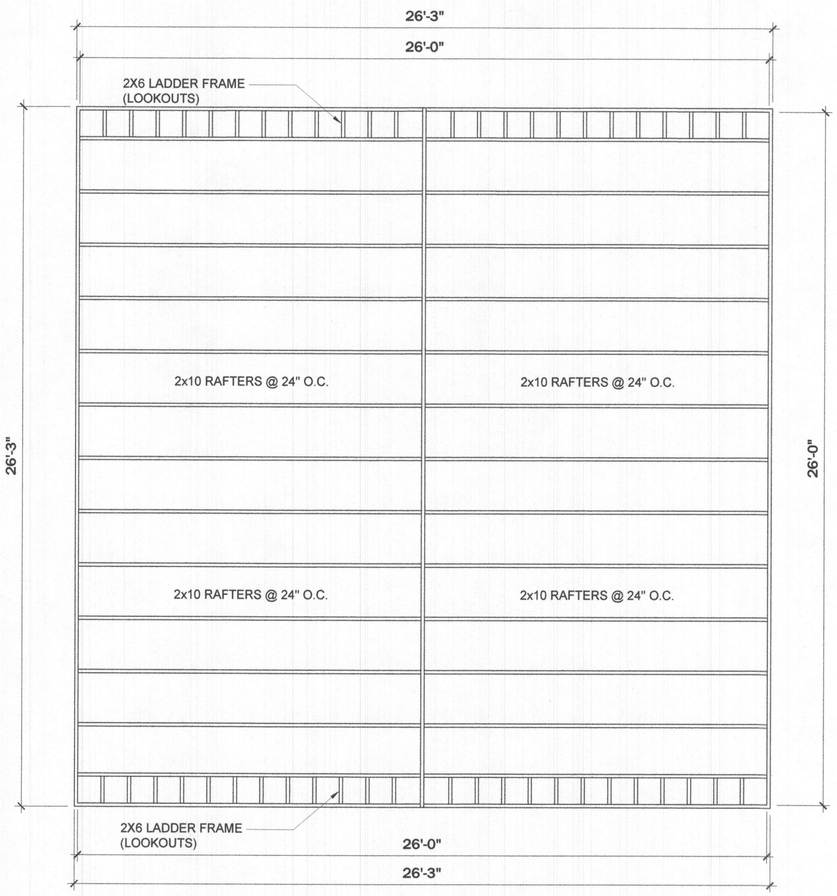
Sheet No:

A 3.0



ROOF PLAN

SCALE: 1/4" = 1'-0"



ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0"

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Sheet Tittle:

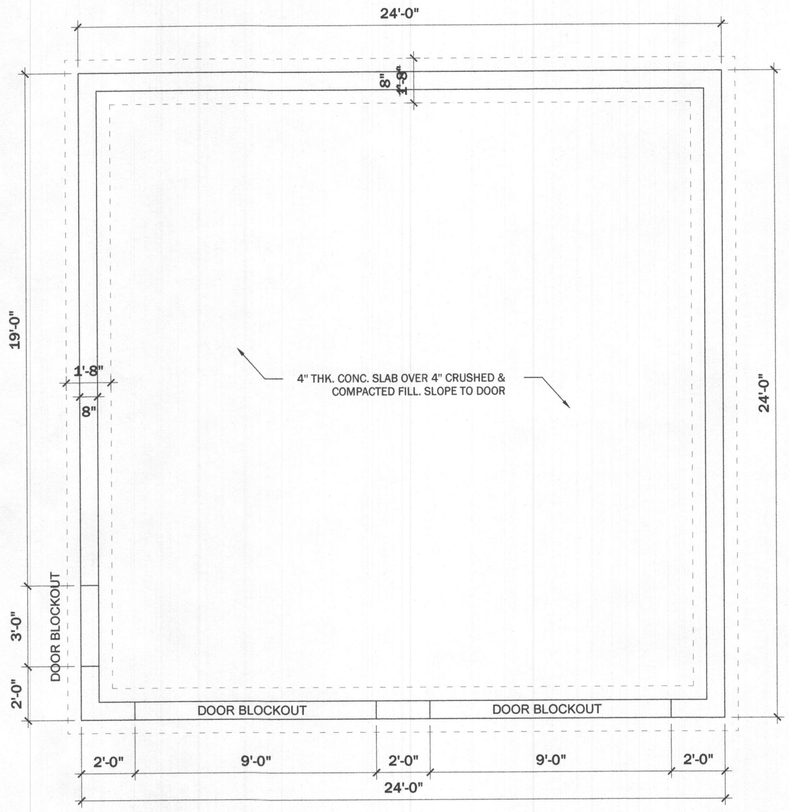
ROOF PLAN & ROOF FRAMING PLAN

Scale:

1/4" = 1'-0"

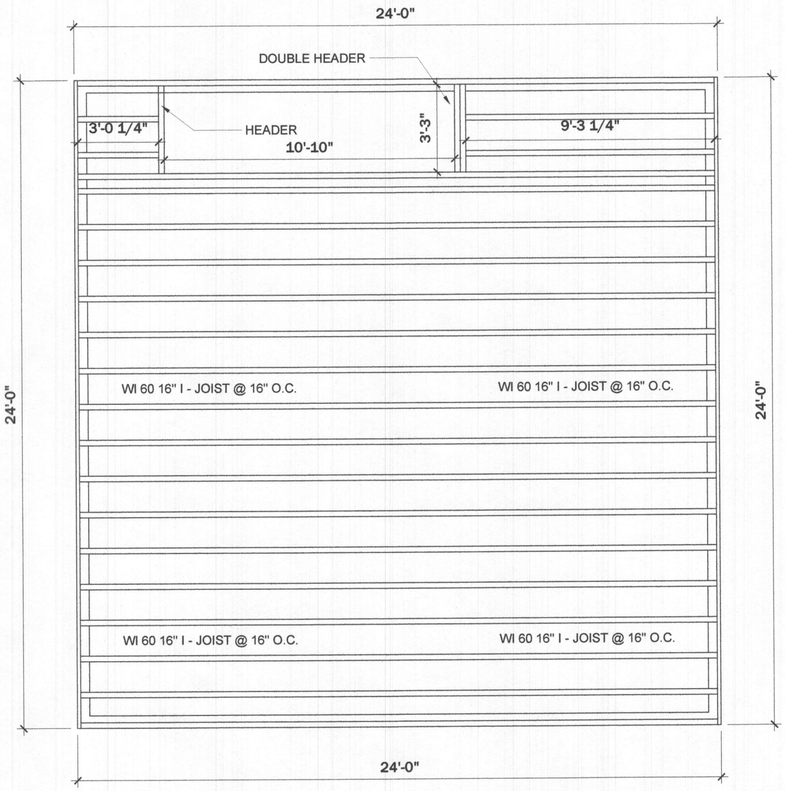
Sheet No:

A 4.0



FOUNDATION PLAN

SCALE: 1/4" = 1'-0"



FLOOR FRAMING PLAN

SCALE: 1/4" = 1'-0"

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Sheet Tittle:

FOUNDATION & FLOOR FRAMING PLAN

Scale:

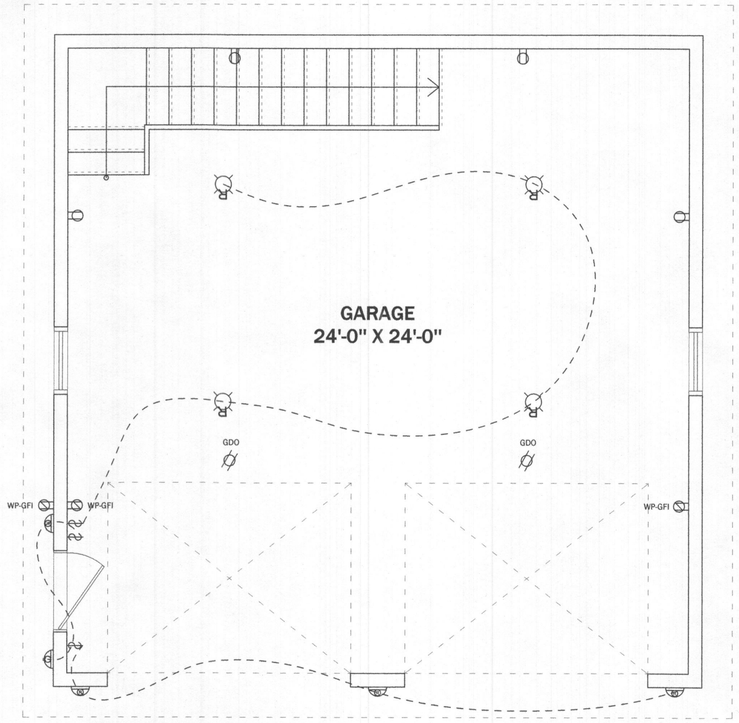
1/4" = 1'-0"

Sheet No:

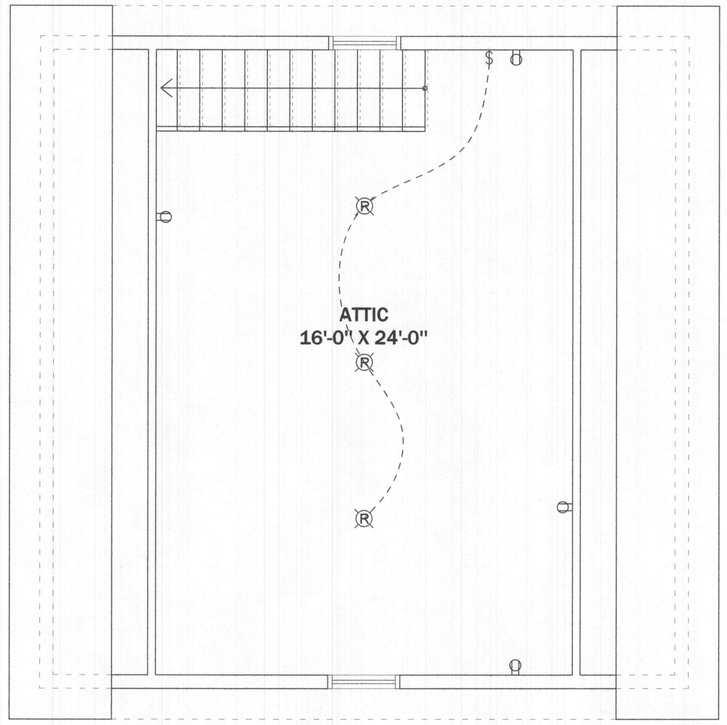
A 5.0

ELECTRICAL LEGEND

- RECEPTACLE OUTLET
- RECEPTACLE OUTLET - WATER PROOF - GFI
- LIGHT FIXTURE - CEILING MOUNT
- SINGLE POLE SWITCH
- LIGHT FIXTURE - WALL MOUNT
- GARAGE DOOR OPENER



GROUND ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



ATTIC ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

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ELECTRICAL PLAN

Scale:

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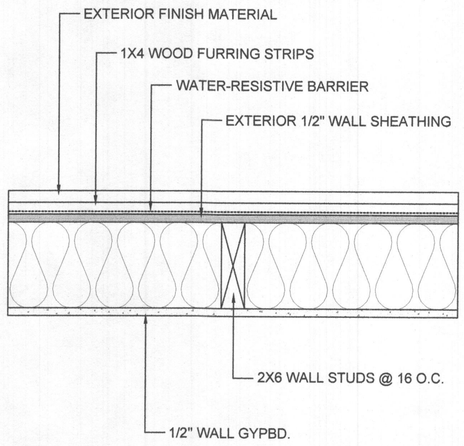
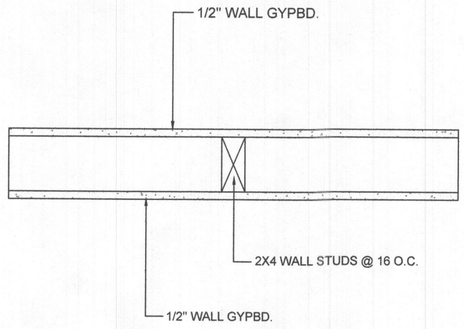
Sheet No:

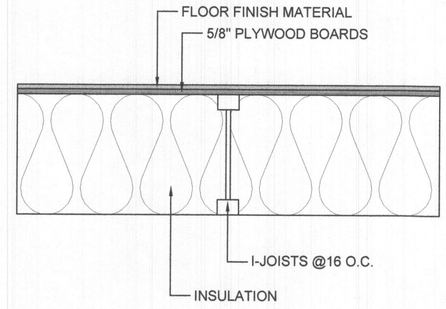
A 6.0



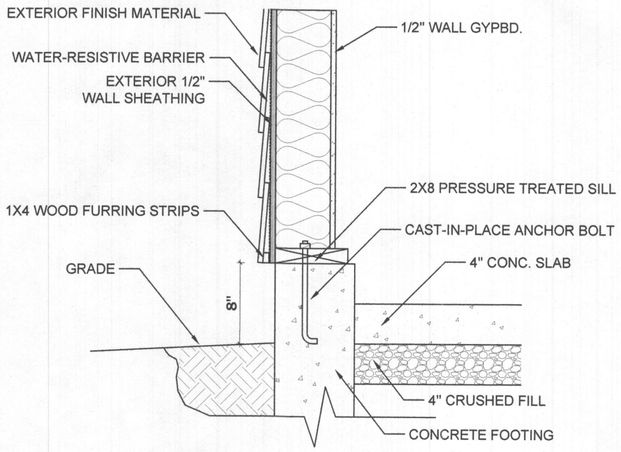
1 EXTERIOR WALL DETAIL



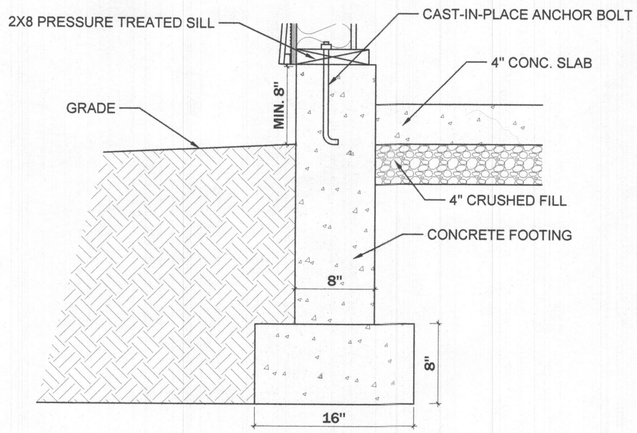
2 INTERIOR WALL DETAIL



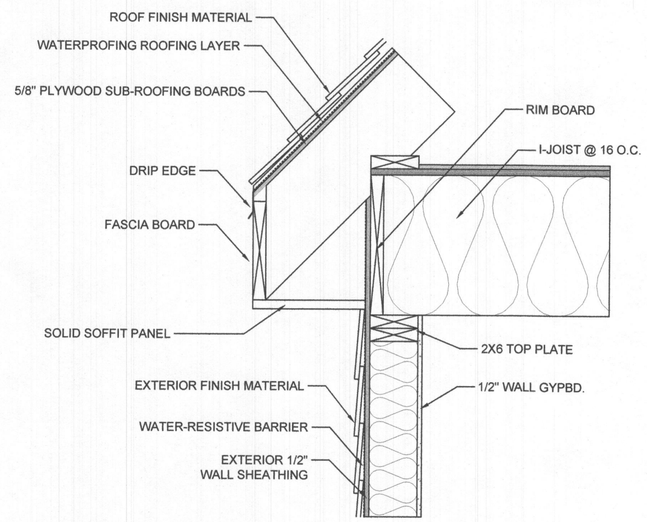
3 FLOOR DETAIL



4 CONNECTION DETAIL



5 FOUNDATION DETAIL



6 ROOF DETAIL

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Sheet Tittle:

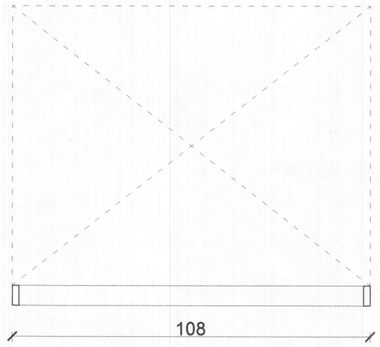
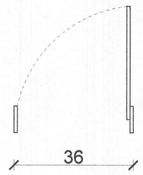
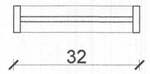
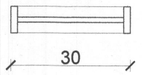
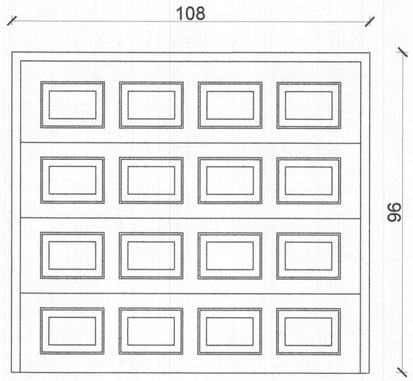
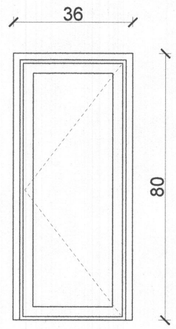
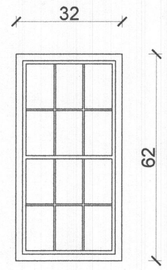
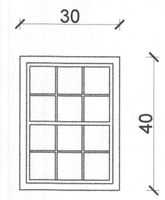
DETAIL DRAWINGS

Scale:

1/4" = 1'-0"

Sheet No:

A 7.0

NAME:	GARAGE DOOR	D-1	W-1	W-2
QUANTITY:	2	1	2	2
W x H SIZE:				
2D SYMBOL				
2D FRONT VIEW				

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DOOR & WINDOW SCHEDULE

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