

Elizabeth & William Taylor

28' x 40' single story house with walk out basement

2 bedroom, 2 bath

Cathedral ceilings in kitchen, dining, living rooms

Radiant heat in basement floor

Hot water with propane boiler

Email: liztaylor0924@gmail.com

28' x 40' (1120 sq. ft 1st floor) one story barn style house with 2 bedrooms and 2 baths. The kitchen, dining, living room area will be cathedral ceiling to create a spacious feel. The basement will be unfinished to start but the plan is to make another 1-2 bedrooms and bath.

9/12 pitch roof with corrugated ribbed roof black metal with 12" overhang.

East side facing road-

4 Windows will evenly spaced in black exterior prefinished 4 lite 24" x 24" crank out casement window along the front facing road to depict a barn.

North side gable end-

6' Thermatru entrance door with 4 lite window and sidelites and 2 - 24" x 24" 4 lite crank out black windows on gable end which will be main entrance.

West side back of house facing view of Ledge's-

6' sliding glass door in dining room to exit onto a 12' x 28' deck made of a composite type decking and pressure treated for deck framing. In the living area will be 2- double hung tilt in 36" x 48" windows.

Basement -

Full walk out basement on long side of basement with one 6 foot French door with 2- 36" x 48" egress windows on each side for eventual finishing off basement to incorporate 2 more bedrooms and full bath. The slab will have provisions built in for bathroom area.

The exterior will be 2 x 6 exterior walls with blocking for exterior rough pine ship lap or board and baton siding to go with the barn theme. A cupola will be built to center on the roof with a weathervane.

Master bedroom suite with double vanity, toilet and walk in shower, walk in closet.

Spare bedroom and spare bathroom with a single vanity, toilet, acrylic bathtub shower unit and stacking washer/ dryer.

South side gable end will have one 36" x 48" egress window in each bedroom.

Radiant heat in slab

Propane hot water heater

Hot water propane boiler with baseboard heat

Estimates for building:

28' x 40' structure- Justin Root

Walk out basement- Clint Potter

Septic and site work – Robbie, 650 Williams

Plumbing and heating- Doug Freeland

Electrical- Jeffrey Stebbins

Siding installation -rough sawn shiplap pine

Insulation-Chey Insulation

12 x 28 deck-Justin Root

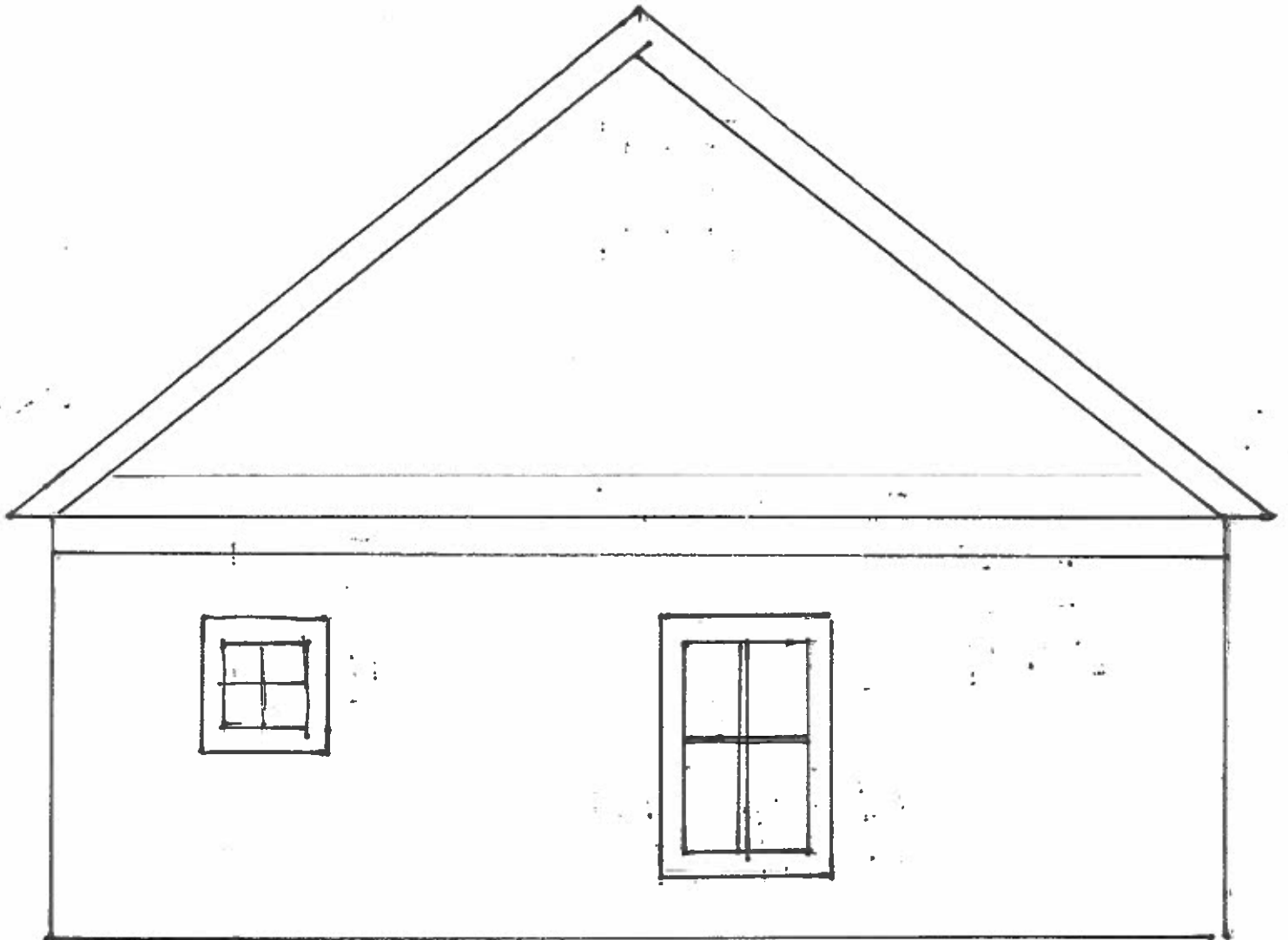
Kitchen & appliances(Home Depot)

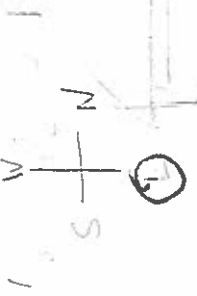
Home depot interior finish

North side

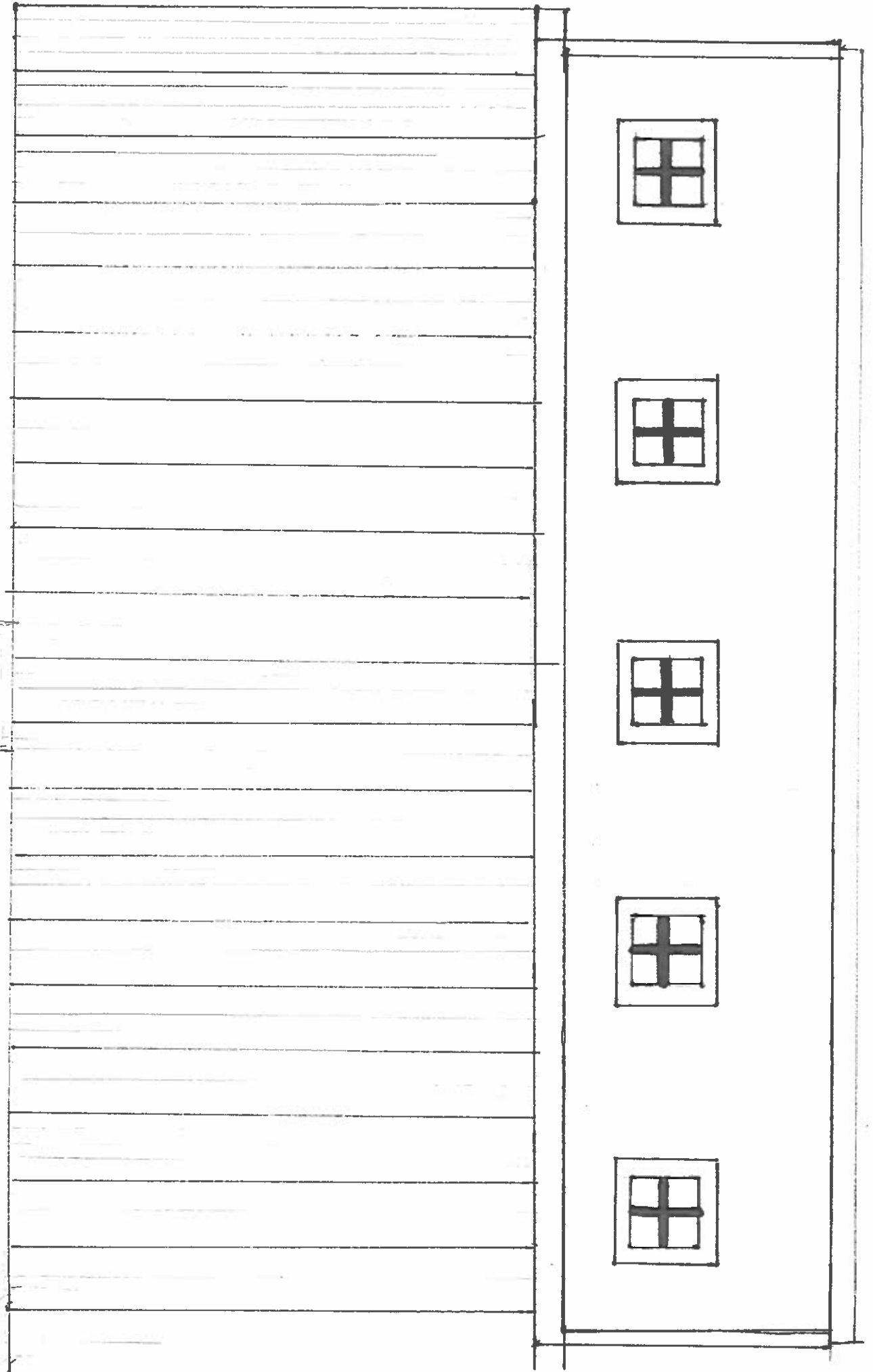


South side

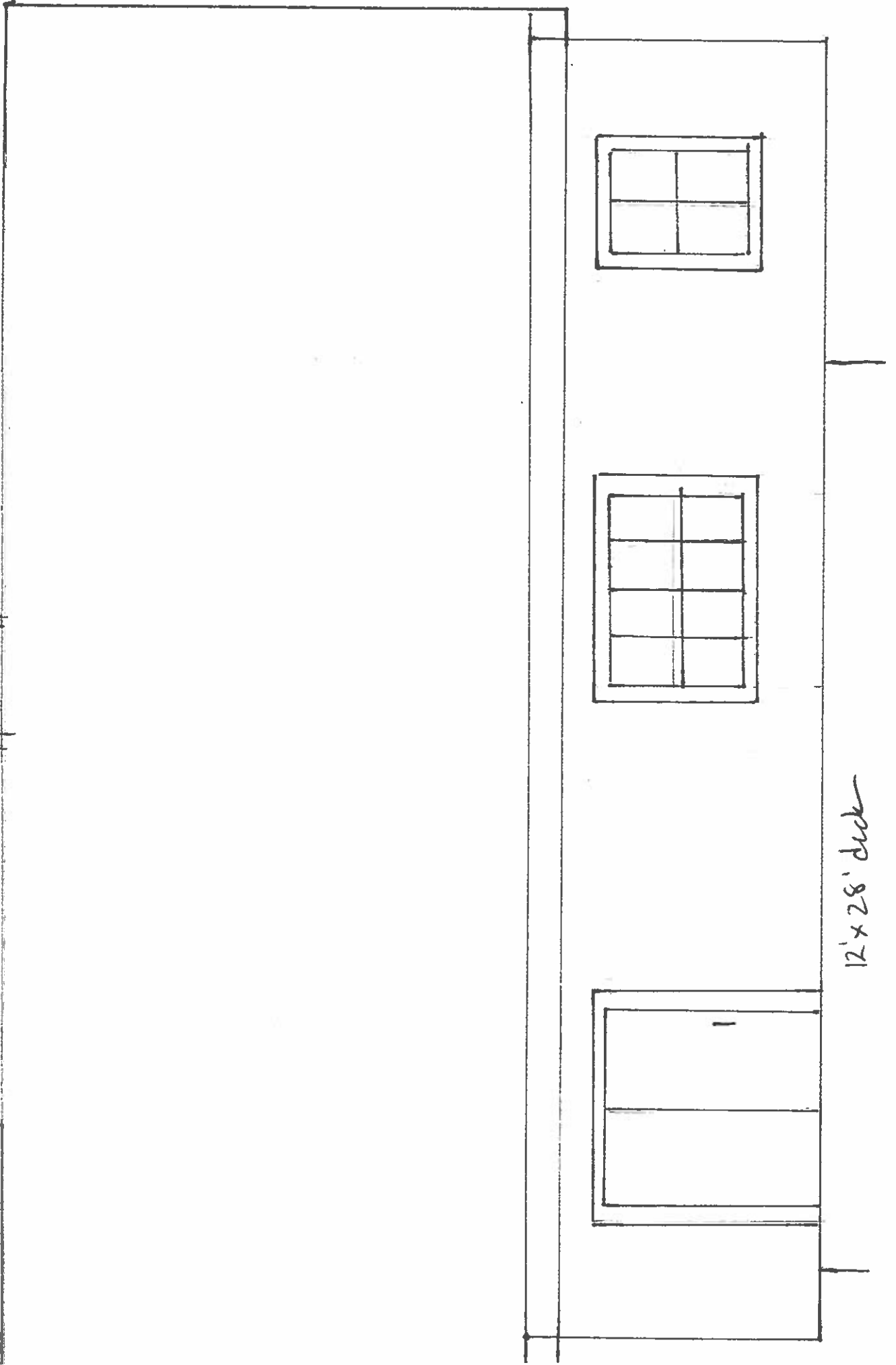
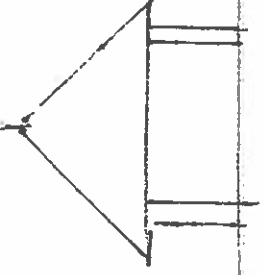




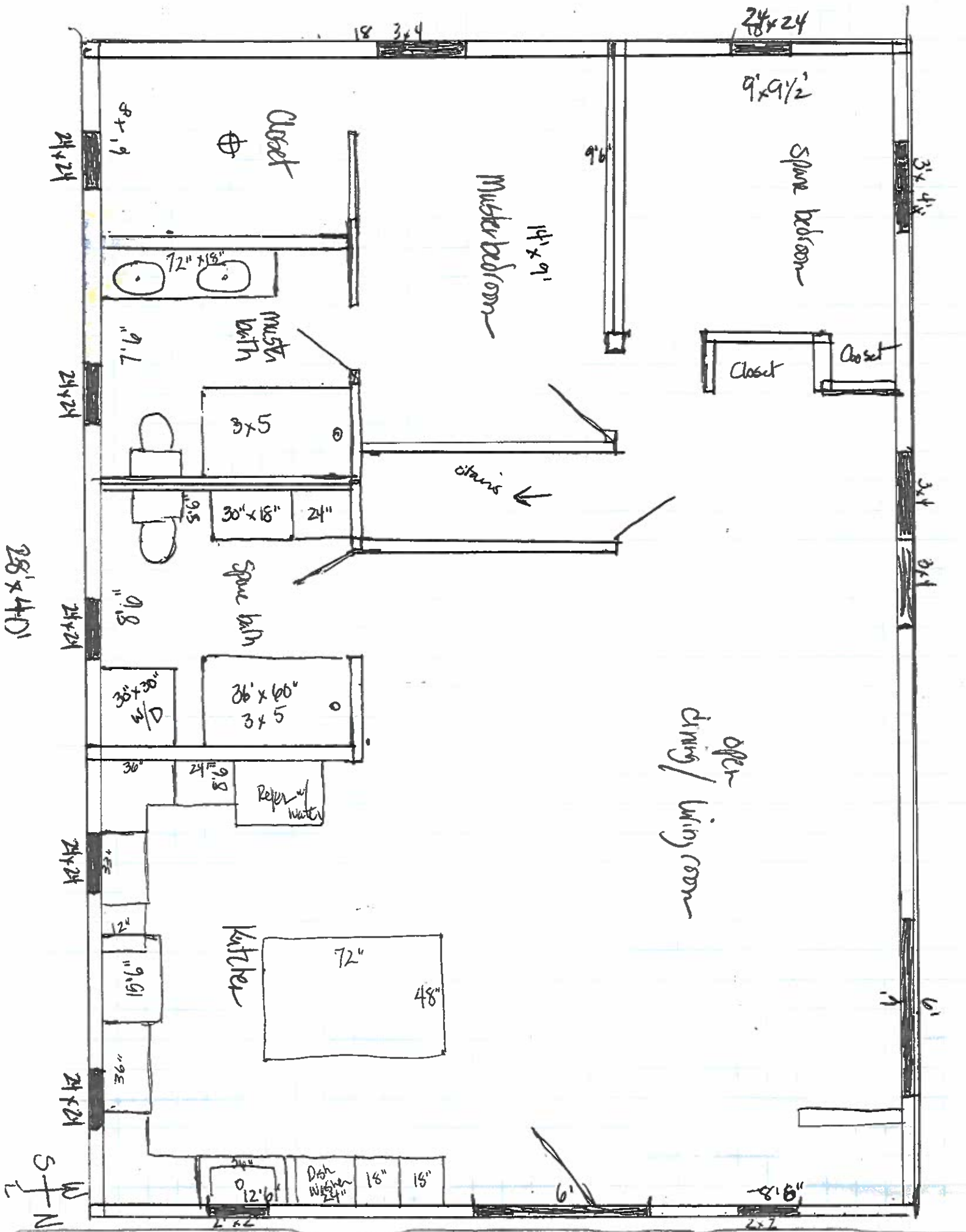
front facing Road

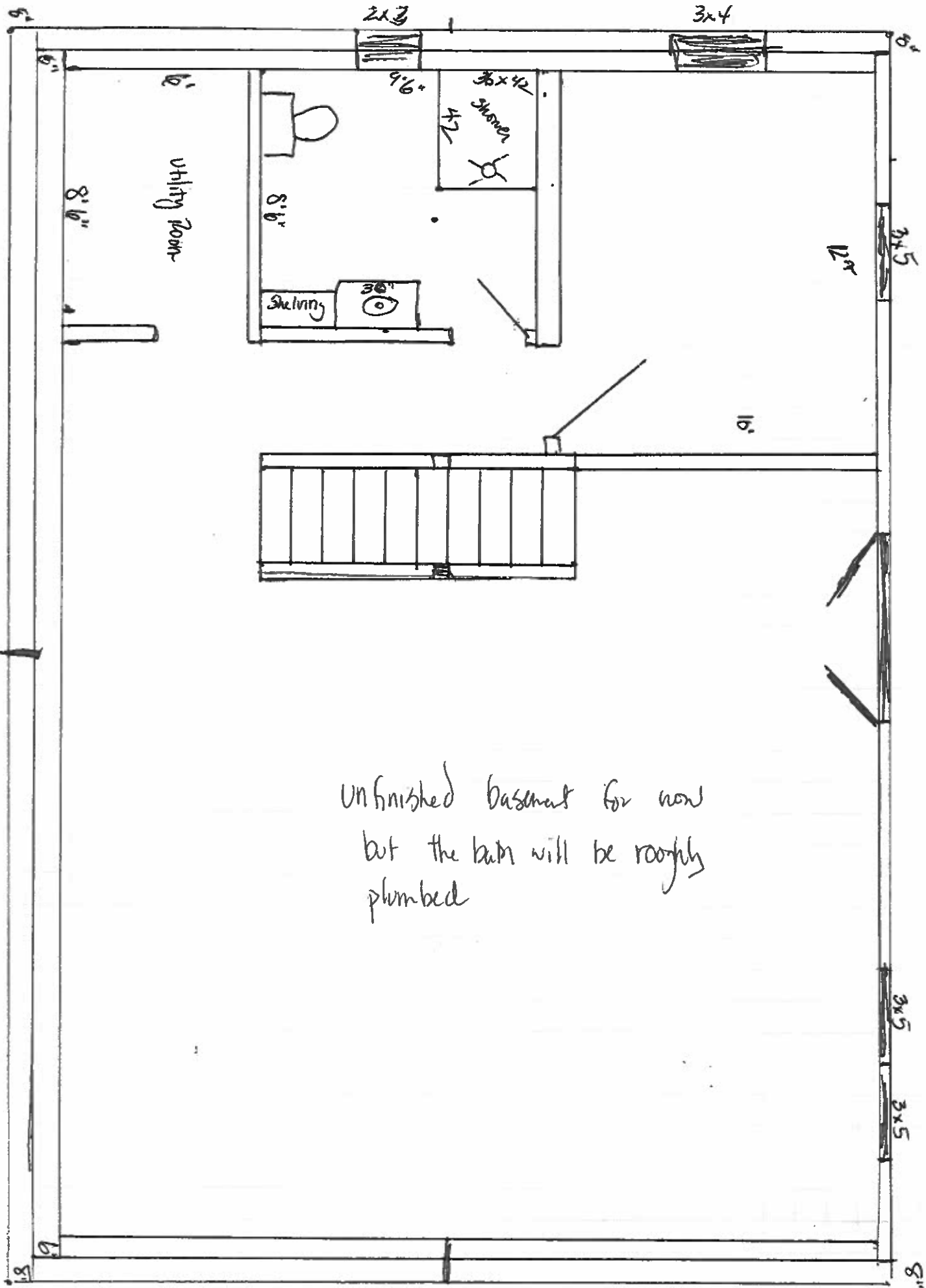


Back of house West side



12' x 28' deck





38' x 24' 2"
 28' x 40'

38 x 24' 2" interior dimensions

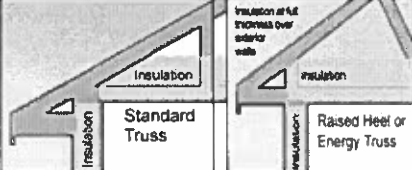
Unfinished basement for now
 but the bath will be roughly
 plumbed

New Hampshire Energy Code EC-1

Certification No.:

Directions: Complete the "Your Proposed Structure" columns. No measurements or calculations are needed. Copies of plans are NOT needed. If you at least meet the Energy Code requirements, your project will be approved. Write N/A in any section that does not apply to your project. If your planned structure does meet these requirements, consider downloading REScheck <http://www.energycodes.gov/rescheck> to explore energy modelling options. **Please submit pages 1 and 2 only.**

YOUR PROPOSED STRUCTURE

Building Section	Required R or U Values	YOUR PROPOSED STRUCTURE	
		Write Planned R and U Values	Brands / Models / insulation type and thickness (if known)
Window U Factor (lower U is better)	U .32 (maximum) U-.32 (if log walls in Zone 5) U-.30 (if log walls in Zone 6) U .50 (Thermally Isolated Sunrooms only)	Write in U-Value .27	Check if <input type="checkbox"/> Sunroom <input type="checkbox"/> Log Walls Anderson 100 series
Skylights	U .55 (or less)	None	
Flat Ceilingⁱ <i>or</i> Flat Ceiling with Raised or Energy Trusses R-value	 R-49 (Zone 5 or 6) if using the above construction technique R-49 if log walls R-38 (Zone 5 or 6) if maintaining the full R value over the plates R-49 if log walls	Write in R-Value R-50 → If using only R-38 in Zone 5 or 6 you must check this box	NOTE: R-38 will satisfy the requirement for R-49 if the full R-38 insulation value is maintained over the outside plates. If using only R-38 (Zone 5 or 6), you must certify that you will maintain R-38 over the plates by checking the box below. <input type="checkbox"/> By checking this box, I certify that this structure is being built with a raised energy truss or that the full R-value of the ceiling insulation will be maintained over the outside plates.
Sloped or Cathedral Ceiling	R-30 (Zone 5 & 6) if less than 500 ft sq or 20% of total ceiling area or as above R-24 (Thermally Isolated Sunrooms only)	Write in R-Value R-49	Check if <input type="checkbox"/> Sunroom
Above Grade Wallⁱⁱ R-value	R-20 Cavity Insulation only <i>or</i> R-13 plus R-5 Cavity <i>plus</i> Continuous Insulation R-13 (Thermally Isolated Sunrooms only)	Write in R-Value R-22	Log homes must comply with ICC400-2012, have an average minimum wall thickness of 5" or greater with specific gravity of ≤0.5 or 7" with specific gravity >0.5. Check if <input type="checkbox"/> Sunroom <input type="checkbox"/> Log Walls
Door U-Value	U .32 (maximum)	Write in U-Value	One opaque door in the thermal envelope is exempt from the U-factor requirement.
Floor R Value (Basement ceiling)	R-30 <i>or</i> Insulation sufficient to fill joist cavity	Write in R-Value	If conditioning the basement you must insulate Basement Walls . If not, you may insulate either Floor or Basement Walls and/or Slab Edge
Basement or Crawl Space Wall R Value	For <i>both</i> Zone 5 and Zone 6 R-19 Cavity Insulation or R-15 Continuous Insulation	Write in R-Value R-22	
Slab Edgeⁱⁱⁱ R Value	R-10 2' (Zone 5) 4' (Zone 6) (see drawing pg 3) <i>add R-5</i> if the Slab is heated or R-15 under entire heated slab if a log home.	Write in R-Value R-10	Check if <input checked="" type="checkbox"/> Heated Slab R-15 under slab
Air Sealing	A blower door test is required . The test must demonstrate an air exchange rate of <i>seven</i> Air Changes per Hour (ACH) or less @ 50 Pa.		If required by the code official, an approved third party may be required to conduct the blower door test.

Submit pages 1 and 2 to local municipal code official or NH Public Utilities Commission at energycodes@puc.nh.gov
Phone: 603.271.2431. Fax: 603.271.3878.



The State of New Hampshire
Department of Environmental Services



Robert R. Scott, Commissioner

APPROVAL FOR CONSTRUCTION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEM (ISDS)

AS AUTHORIZED BY THE NH DEPARTMENT OF ENVIRONMENTAL SERVICES, WATER DIVISION PURSUANT TO RSA 485-A, WATER POLLUTION AND WASTE DISPOSAL AND ENV-WQ 1000, SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES.

APPLICATION APPROVAL DATE: 7/21/2021

APPROVAL NUMBER: eCA2021072105

I. PROPERTY INFORMATION

Address: 163 MAIN STREET
MERIDEN
PLAINFIELD NH 03781

Subdivision Approval No.: ESA2021062903

Subdivision Name: GARFIELD FAMILY REVOCABLE TRUST

County: SULLIVAN

Tax Map/Lot No.: 102/19-1

II. OWNER INFORMATION

Name: DONALD E GARFIELD

Address: GARFIELD FAMILY REVOCABLE TRUST
PO BOX 236
MERIDEN NH 03770

III. APPLICANT INFORMATION

Name: CHRISTOPHER E ROLLINS

Address: PO BOX 291
PLAINFIELD NH 03781

IV. DESIGNER INFORMATION

Name: CHRISTOPHER E ROLLINS

Address: PO BOX 291
PLAINFIELD NH 03781

Permit No.: 00224

V. SPECIFIC TERMS AND CONDITIONS: Applicable to this Approval for Construction

A. TYPE OF SYSTEM: ENVIROSEPTIC

B. NO. OF BEDROOMS: 4

C. APPROVED FLOW: 600 GPD

D. OTHER CONDITIONS AND WAIVERS:

1. This approval is valid for 4 years from date of approval, per Env-Wq 1004.13.
2. Approved with a public water system only.
3. No waivers have been approved.

Eric J. Thomas
Subsurface Systems Bureau

DES Web Site: www.des.nh.gov

P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095

Telephone: (603) 271-3503 Fax: (603) 271-6683 TDD Access: Relay NH 1-800-735-2964

JOBSITE DELIVERY INSTRUCTIONS



SOLD TO Poulin Lumber	DATE: 7/27/2021 JOB #: 213178 CUSTOMER PO#
SHIP TO Plainfield NH	ORDERED BY: Jay Hoag TENTATIVE DELIVERY DATE: DESIGNER:

Sign Off

Our greatest concern is that these products meet your requirements and it is understood what is being provided, to ensure the success of this project the following is necessary.

- Carefully review our design, double check to make sure that the design is based off of the most current information.
- Forward to the Building Designer/Owner, code enforcement, and builder to be checked for accuracy.
- Please don't hesitate to ask any questions or request necessary changes.

Your approval signature and Delivery instructions below are the final step needed before Production.

JOBSITE DELIVERY INSTRUCTIONS

SITE CONTACT NAME: _____ SITE CONTACT #: _____

IS THE JOBSITE TRACTOR-TRAILER ACCESSIBLE _____ YES NO

CAN OUR CRANE BE USED TO UNLOAD? (POWERLINES IN WAY ECT.) _____ YES NO

IF THE LOAD IS WIDE, IS THE ROAD WIDE ENOUGH? _____ YES NO

IS THE SITE VISIBLE FROM THE MAIN ROAD? _____ YES NO

TYPE OF PROJECT: NEW CONST ADDITION GARAGE OTHER

PROPERTY OWNER: _____

SITE ADDRESS: _____

DIRECTIONS (PLEASE NOTE ANY SPECIFIC LANDMARKS).

Delivery Cost for this order is based on the destination listed and 1 hour onsite for offloading. Please review the Delivery instructions, changes or special request may affect the delivery fee for this project.

ACCEPTED BY BUYER _____ Shop drawings have been reviewed and are approved. DATE: _____
SIGNATURE

PLEASE PRINT NAME _____ Job Title _____

ALL JOBSITE DELIVERIES WILL BE CARRIED OUT ACCORDING TO STRUCTUAL WOOD CORPORATION DELIVERY POLICIES.

Quote

Job #
213178



STRUCTURALWOOD
CORPORATION

243 Lincoln Ave
Waddington, NY 13694
Phone: (315) 388-4442
Fax: (315) 388-4219

Mailing Address:

Poulin Lumber

3639 US ROUTE 5
PO BOX 289
DERBY, VT 05829
Phone: (802) 766-4971 Fax: (802) 766-2426

Contact:

Jay Hoag
Cell:
(802) 279-9623
email:
jhoag@poulinlumber.com

Job Delivery Address:

Name:
Garfield 2

Address:

Plainfield NH

P.O. Number:

Designer:
Andrew Irish

Tentative Delivery Date:

Req. Del. Date:

Roof Trusses

Ground Snow Load: 90 psf

Truss Spacing 24"

DIAGRAM	QTY PLY	PITCH	LABEL	O.C.	Base Span		OVERHANG		CANTILEVER		Height	Weight	
					SPAN	LUMBER	LEFT	RIGHT	LEFT	RIGHT			
	7	9/12	A1	24	30-00-00	2 x 4			1-00-00	1-00-00	11-09-05	1127	
	2	9/12	A1G	24	30-00-00	2 x 4			-	-	11-09-05	376	
	12	9/12 7/12	A2	24	30-00-00	2 x 6			1-00-00	1-00-00	11-09-05	2580	
	21											4075	
QTY	DESCRIPTION											UNIT SELL	TOTAL SELL
1	Jobsite Package											\$5.00	\$5.00

Terms and Conditions:

Prices above valid until 7/30/2021 (Three (3) days). Due to shortages and availability of materials, prices may change without notice.

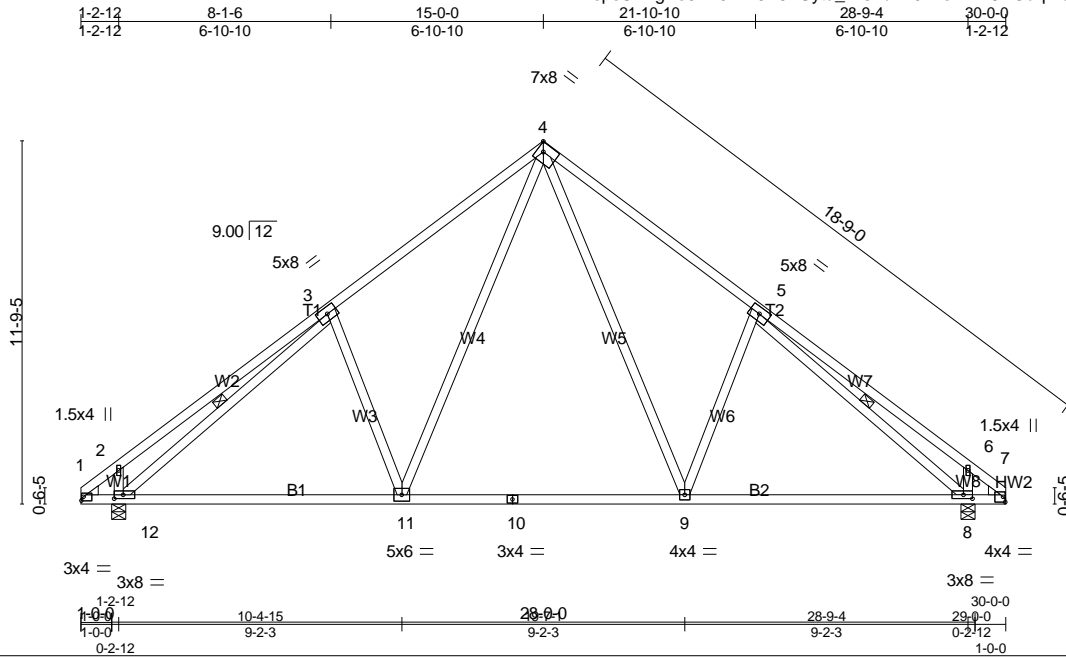
It is the purchasers responsibility to verify all specifications shown on truss design drawings and/or data sheet. We reserve the right to change lumber size and grade, web configuration and plate sizes and locations due to available inventory at time of production. The Manufacturer shall supply and deliver to the Project the Products. Materials not specifically listed in the Proposal, including hangers, hardware, connectors, beams or other products will not be furnished by the Manufacturer. The Manufacturer's scope of work shall be limited to the responsibilities of the Truss Manufacturer under Chapter 2 of the National Design Standard for Metal Plate Connected Wood Construction (ANSI/TPI-1). The terms and definitions of ANSI/TPI-1 shall furthermore apply to the Proposal and Terms. Construction Documents, including plans and specifications, unless provided to the Manufacturer, shall not be binding on the Manufacturer. Marked-up excerpts of the Construction Documents that may be attached to the Proposal depict agreed upon clarifications and modifications to the Manufacturer's scope of work.

Accepted by Buyer

Job 213178	Truss A1	Truss Type Common	Qty 7	Ply 1	Garfield 2
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Structural Wood Corp., Waddington, NY 13694

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Plate Offsets (X,Y)-- [1:0-0-13,0-1-8], [4:Edge,0-3-4], [7:0-0-13,0-2-0], [8:0-3-8,0-1-8], [12:0-3-8,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 69.3 (Ground Snow=90.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.77 BC 0.84 WB 0.61	in (loc) l/defl L/d Vert(LL) -0.57 9-11 >579 360 Vert(CT) -0.86 9-11 >386 240 Horz(CT) 0.07 8 n/a n/a Wind(LL) 0.02 9-11 >999 240	MT20	197/144
TCDL 10.0	Rep Stress Incr YES	Matrix-MS			
BCLL 0.0 *	Code IRC2018/TPI2014				
BCDL 10.0				Weight: 161 lb	FT = 10%

LUMBER-

TOP CHORD 2x4 SP 2400F 2.0E
 BOT CHORD 2x4 SP 2400F 2.0E *Except*
 B2: 2x4 SPF 1650F 1.5E
 WEBS 2x4 SPF 1650F 1.5E
 WEDGE
 Left: 2x4 SPF 1650F 1.5E , Right: 2x4 SPF 1650F 1.5E

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 5-8, 3-12

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

REACTIONS. (lb/size) 8=2679/0-5-8 (min. 0-4-3), 12=2679/0-5-8 (min. 0-2-3)
 Max Horz 12=-187(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-346/0, 2-3=-876/102, 3-4=-2680/118, 4-5=-2669/125, 5-6=-891/99, 6-7=-436/0
 BOT CHORD 1-12=0/457, 12-19=0/2125, 19-20=0/2125, 11-20=0/2125, 11-21=0/1498, 10-21=0/1498,
 10-22=0/1498, 9-22=0/1498, 9-23=0/2118, 23-24=0/2118, 8-24=0/2118, 7-8=0/491
 WEBS 4-9=-34/1050, 5-9=-739/152, 5-8=-2235/0, 6-8=-1063/171, 4-11=-21/1105,
 3-11=-736/153, 3-12=-2263/0, 2-12=-1098/166

NOTES-

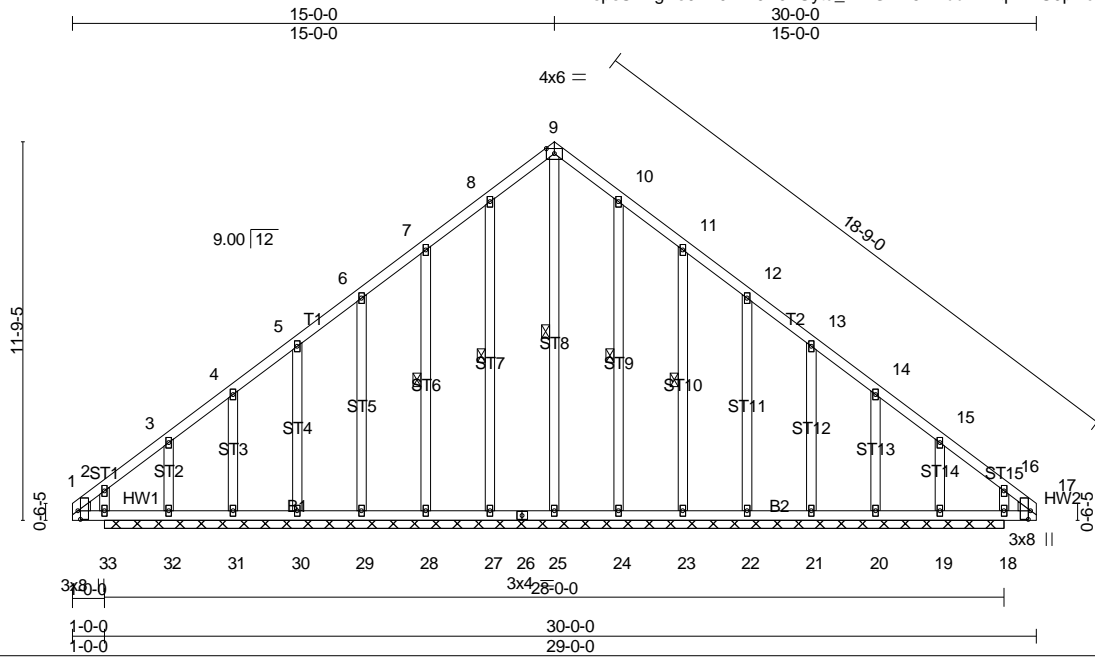
- 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-16; Pg= 90.0 psf; Pf=69.3 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 a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * 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, with BCDL = 10.0psf.
- 5) 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.

LOAD CASE(S) Standard

Job 213178	Truss A1G	Truss Type Common Supported Gable	Qty 2	Ply 1	Garfield 2 Job Reference (optional)
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Structural Wood Corp., Waddington, NY 13694

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Scale = 1:71.7

Plate Offsets (X,Y)-- [1:0-3-4,0-0-15], [9:0-3-0,0-1-13], [17:0-3-4,0-0-15]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 69.3 (Ground Snow=90.0)	Plate Grip DOL 1.15		TC 0.07	Vert(LL) n/a	-	n/a	999	MT20	197/144
TCDL 10.0	Lumber DOL 1.15		BC 0.07	Vert(CT) n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr YES		WB 0.18	Horz(CT) -0.00	18	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-S					Weight: 188 lb	FT = 10%

LUMBER-

TOP CHORD 2x4 SP 2400F 2.0E
 BOT CHORD 2x4 SPF 1650F 1.5E
 OTHERS 2x4 SPF 1650F 1.5E
 WEDGE
 Left: 2x4 SPF 1650F 1.5E , Right: 2x4 SPF 1650F 1.5E

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 9-25, 8-27, 7-28, 10-24, 11-23

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

REACTIONS.

All bearings 28-0-0.
 (lb) - Max Horz 33=190(LC 6)
 Max Uplift All uplift 100 lb or less at joint(s) 27, 28, 29, 30, 31, 32, 33, 24, 23, 22, 21, 20, 19, 18
 Max Grav All reactions 250 lb or less at joint(s) except 25=333(LC 1), 27=376(LC 1), 28=352(LC 1), 29=359(LC 1), 30=355(LC 1), 31=363(LC 1), 32=354(LC 13), 33=390(LC 14), 24=371(LC 1), 23=355(LC 1), 22=358(LC 1), 21=356(LC 1), 20=363(LC 1), 19=340(LC 14), 18=375(LC 1)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 WEBS 9-25=-291/4, 8-27=-334/29, 7-28=-315/54, 6-29=-318/45, 5-30=-317/48, 4-31=-319/42, 3-32=-311/64, 2-33=-303/18, 10-24=-334/29, 11-23=-315/54, 12-22=-318/45, 13-21=-317/48, 14-20=-319/42, 15-19=-311/66, 16-18=-303/11

NOTES-

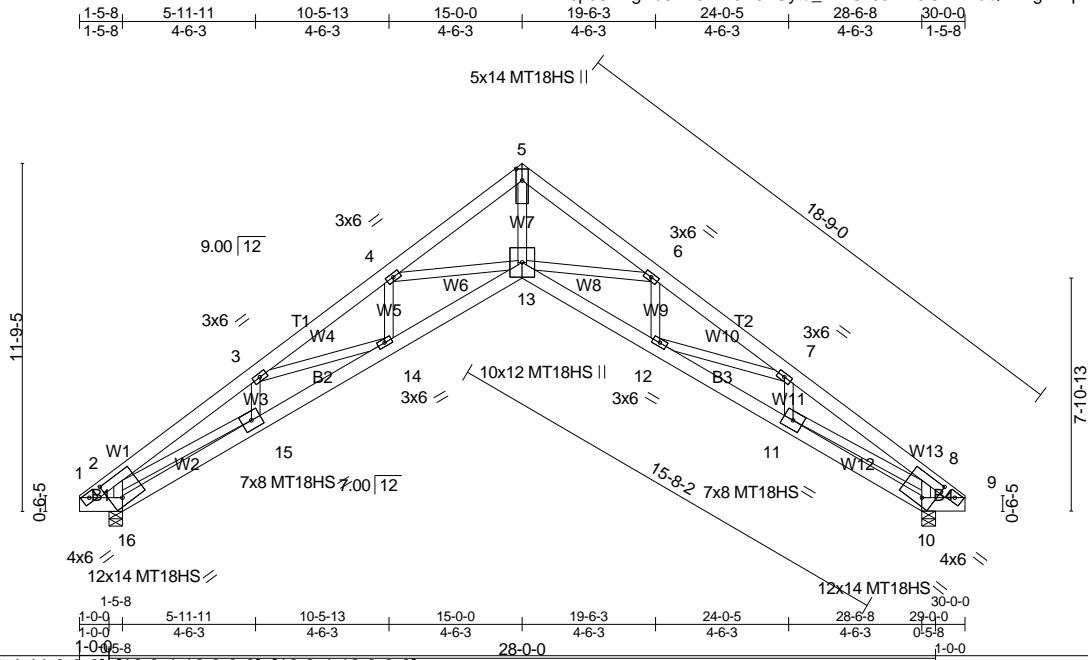
- 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=30ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Truss designed for 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.
- 3) TCLL: ASCE 7-16; Pg= 90.0 psf; Pf=69.3 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) All plates are 2x4 MT20 unless otherwise indicated.
- 5) Gable studs spaced at 2-0-0 oc.
- 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) 27, 28, 29, 30, 31, 32, 33, 24, 23, 22, 21, 20, 19, 18.
- 9) Non Standard bearing condition. Review required.
- 10) 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.

LOAD CASE(S) Standard

Job 213178	Truss A2	Truss Type Roof Special	Qty 12	Ply 1	Garfield 2
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Structural Wood Corp., Waddington, NY 13694

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Scale = 1:78.0

Plate Offsets (X,Y)-- [5:0-4-11,0-2-8], [10:0-4-12,0-9-0], [16:0-4-12,0-9-0]

LOADING (psf)	SPACING-	CSI.	DEFL	PLATES	GRIP
TCLL 69.3 (Ground Snow=90.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.38 BC 0.44 WB 0.78	in (loc) l/defl L/d Vert(LL) -0.54 13 >600 360 Vert(CT) -0.70 13 >466 240 Horz(CT) 0.93 10 n/a n/a Wind(LL) 0.06 13 >999 240	MT20 MT18HS	197/144 197/144
TCDL 10.0	Rep Stress Incr YES	Matrix-MS		Weight: 215 lb	FT = 10%
BCLL 0.0 *	Code IRC2018/TPI2014				
BCDL 10.0					

LUMBER-

TOP CHORD 2x6 SP 2400F 2.0E
 BOT CHORD 2x6 SP 2400F 2.0E
 WEBS 2x4 SPF 1650F 1.5E *Except*
 W7: 2x4 SP 2400F 2.0E

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-6-11 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) 16=2679/0-5-8 (min. 0-2-3), 10=2679/0-5-8 (min. 0-2-3)
 Max Horz 16=-187(LC 6)
 Max Uplift 16=-2(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-943/0, 2-3=-6223/0, 3-4=-7176/0, 4-5=-6325/0, 5-6=-6325/0, 6-7=-7176/0,
 7-8=-6223/0, 8-9=-943/3
 BOT CHORD 1-16=0/1012, 15-16=-197/332, 14-15=0/5407, 13-14=0/6535, 12-13=0/6535,
 11-12=0/5407, 9-10=-7/1012
 WEBS 5-13=0/6622, 6-13=-748/158, 7-12=0/1028, 7-11=-1016/23, 8-11=0/4806, 8-10=-2370/41,
 4-13=-748/156, 3-14=0/1028, 3-15=-1016/24, 2-15=0/4806, 2-16=-2370/48

NOTES-

- 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional); 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; Pg= 90.0 psf; Pf=69.3 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) All plates are MT20 plates unless otherwise indicated.
- 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 16.
- 7) 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.

LOAD CASE(S) Standard