2nd choice

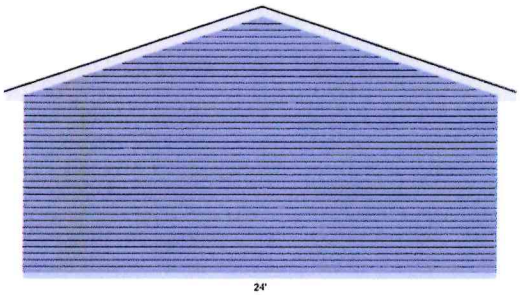
Date: 7/08/2025 - 6:33 PM
Design ID: 324959055887
Estimate ID: 79212
Estimated Price: $6,042.54
**Today's estimated price. Future pricing may go up or down. Tax, labor, and delivery not included.*

MENARDS
Design & Buy™ GARAGE

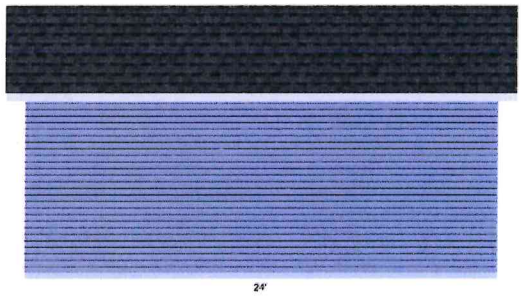
Dimensions

Wall Configurations

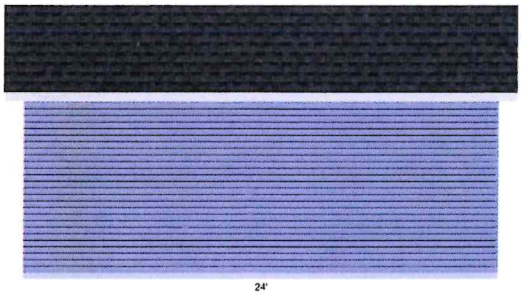
*Some items like wainscot, gutter, gable accents, are not displayed if selected.



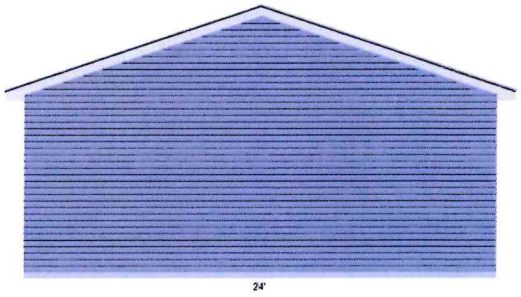
ENDWALL B



SIDEWALL D



SIDEWALL C



ENDWALL A

Materials

Building Type

Building Location Zip Code:	61073
Building Type:	Gable

Building Info

Building Width:	24'
Building Length:	24'
Building Height:	8'
Wall Framing Stud:	2 x 4
Roof Framing:	Truss Construction (Sealed truss designs available on request)
Truss Type:	Common (24" on center spacing)
Roof Pitch:	4/12 Pitch
Eave Overhang:	12"
Gable Overhang:	12"
Curb:	Poured Curb
Curb Height:	4"
Foundation Type:	Poured
Building Plan:	No I do not need a Building Plan

Wall Info

Siding Material Types:	Vinyl
Vinyl Siding:	ABTCO® Cedar Creek™ Double 4 Dutchlap, Color: Slate
Vinyl Corner Trim Color:	Slate
Accent Material Type:	None
Wainscot Material Type:	None
Wall Sheathing:	7/16 x 4 x 8 OSB(Oriented Strand Board)
House Wrap:	Kimberly-Clark BLOCK-IT®9'x75'House Wrap
Gable Vents:	None

Roof Info

Roof Sheathing:	1/2 x 4 x 8 OSB(Oriented Strand Board)
Roofing Material Type:	Architectural Shingle

Architectural Roofing:	Atlas Castlebrook™ Limited Lifetime Warranty Architectural Shingles (32.8 sq. ft.), Color: Weathered Wood
Roof Underlayment:	VB Shield Synthetic Roofing Underlayment 48" x 250' (1000 sq. ft.)
Ice and Water Barrier:	None
Fascia Material Type:	Textured Aluminum Fascia
Fascia:	6" x 12' Aluminum Rustic Fascia, Color: White
Soffit Material Type:	Aluminum Soffit
Soffit:	16" x 12' Aluminum Vented Soffit, Color: White
Gutter Material Type:	None
Ridge Vent:	None
Roof Vents:	None

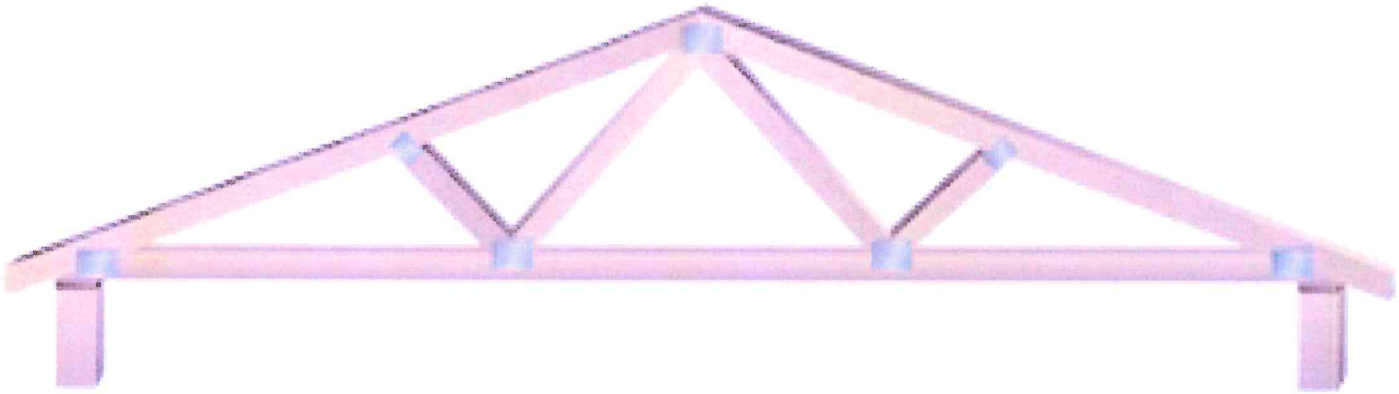
Openings

Additional Options

Ceiling Insulation:	None
Wall Insulation:	None
Ceiling Finish:	None
Wall Finish:	None
Mounting Blocks:	No
Hydronic Radiant Heat:	No
Anchor bolt:	Grip Fast® 1/2 x 10 HDG Anchor Bolt w/ Nut & Washer
Framing Fasteners:	Grip Fast® 3-1/4 16D Vinyl-Coated Smooth Shank Sinker Nail - 5 lb. Box
Sheathing Fasteners:	Grip Fast® 2-1/2 8D Vinyl-Coated Smooth Shank Sinker Nail - 5 lb. Box
Roofing/Shingle Fasteners:	Grip Fast® 1-1/4 Electro-Galvanized Coil Roofing Nails - 7,200 Count
Truss Fastener:	FastenMaster® TimberLOK® 5/16 x 6 Hex Drive Black Hex Head Timber Screw - 50 Count

Helpful Hints for Garage Construction

- Studs are estimated 16 inches on center with single treated bottom plate and double top plate.
- For 10- and 12-foot-tall buildings studs should be cut for an approximate 10- or 12-foot plate height.
- If steel is estimated (Pro-Rib or Pro-Snap), the steel lengths should be verified based off the actual framing. Plate height (stud length), truss heel and other framing should be confirmed. Steel is estimated to the inch, make sure the lengths are accurate based on final overall building design.
- Trusses included are estimated at 2 feet on center spacing. The design is based on the zip code provided, design and loading should be verified.
- Trusses should not be cut or modified with the exception of trimming the truss tails to the correct overhang.
- The bottom chord is designed to support standard ceiling and insulation materials.
- Dropped end trusses are estimated with 18 inch and 24 inch gable overhangs.



Menards Building Checklist Planning

- Get a permit. Check restrictions, building codes or local zoning to make sure your design complies with all requirements.
- Contact local utilities to ensure construction will not disturb any electrical, cable or plumbing.
- If necessary, hire a professional to help with planning and construction.
- Consider site conditions including soil type, grade, and runoff before finalizing your design.
- Material estimates are calculated based on approximate plate heights of 97", 109", 121" and 145".
- STEEL LENGTHS if selected should be verified prior to purchase.
- Menards offers professional delivery of materials. Delivery is extra based on the distance from your local Menards store to your building site.
- Practice good safety habits, use PPE including eye protection & dust masks during construction.
- Make sure to follow good building practice and all manufacturer's instructions. Use all the hardware and fasteners recommended.

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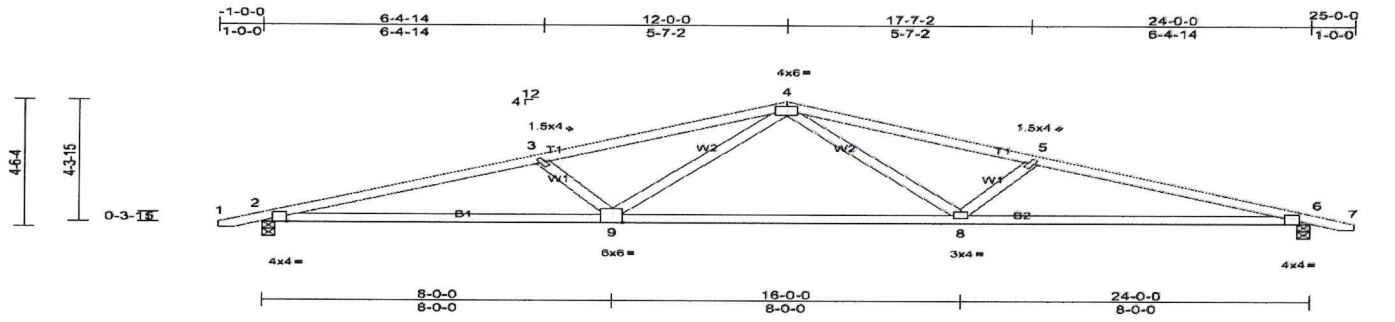
Design & Buy™ GARAGE

Job	Truss	Truss Type	Qty	Ply	
QTRVA0016368	T1	COMMON	11	1	Job Reference (optional)

Midwest Manufacturing, Eau Claire, WI — Run: 8.8 S Feb 12 2024 Print: 8.800 S Feb 12 2024 MiTek Industries, Inc. Fri Aug 23 10:06:09 — Page: 1
ID:MdzkAp9Y9f7_ieqO5LDtMbymEox-qW3SA6aR1gT8vZ21HmLkHA?0G_6vTacYqw7Mz2vi?rT



Scale = 1:47.8

Plate Offsets (X, Y): [9:0-3-0,Edge]

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	0.61	Vert(LL)	-0.18	8-15	>999	240	MT20	197/144
Snow (Ps/Pg)	27.7/40.0	Lumber DOL	1.15	BC	0.88	Vert(CT)	-0.32	8-15	>900	180		
TCDL	7.0	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.08	6	n/a	n/a		
BCLL	0.0*	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 77 lb	FT = 15%

LUMBER
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-11-1 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=1130/0-3-8, (min. 0-1-14), 6=1130/0-3-8, (min. 0-1-14)
Max Horiz 2=-56 (LC 15)
Max Uplift 2=-113 (LC 10), 6=-113 (LC 11)
Max Grav 2=1189 (LC 2), 6=1189 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2725/400, 3-4=-2441/355, 4-5=-2441/355, 5-6=-2725/400
BOT CHORD 2-9=-321/2551, 8-9=-166/1687, 6-8=-321/2551
WEBS 4-9=-64/863, 3-9=-559/175, 4-8=-64/863, 5-8=-559/175

JOINT STRESS INDEX
2 = 0.86, 3 = 0.51, 4 = 0.68, 5 = 0.51, 6 = 0.86, 8 = 0.80 and 9 = 0.74

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-10; Pr=30.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps=27.7 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.10
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
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 27.7 psf on overhangs non-concurrent with other live loads.
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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 113 lb uplift at joint 2 and 113 lb uplift at joint 6.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

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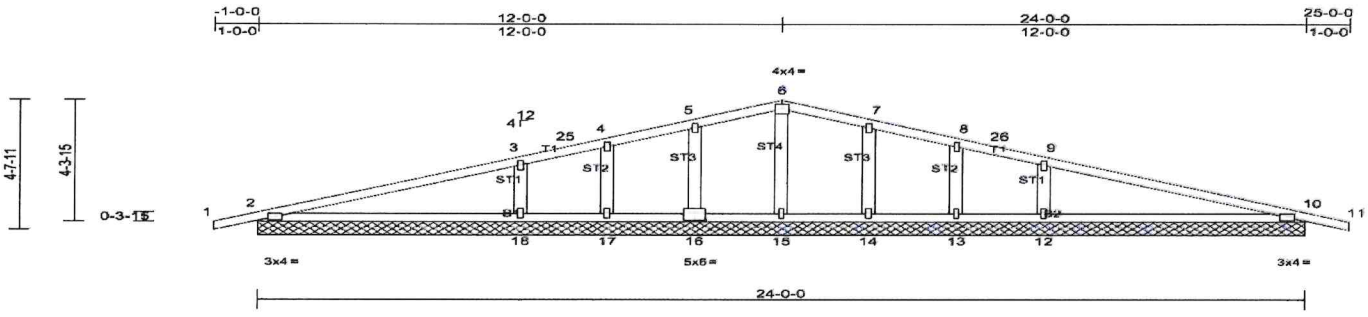
Job	Truss	Truss Type	Qty	Ply	
QTREC0912661	T1E	COMMON	2	1	Job Reference (optional)

Midwest Manufacturing, Eau Claire, WI — Run: 8.8 S 0 Feb 12 2024 Print: 8.800 S Feb 12 2024 MiTek Industries, Inc. Mon Jun 23 14:39:56 — Page: 1
ID:lqIdvIWTpFW5fWD5Z9xDqTz81JV-Esw7hBqE8fRbTjGLL2InsAyVlezfJZdWAOOjr6x3N5n



Scale = 1:47.8

Plate Offsets (X, Y): [16:0-3-0,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.28	Vert(LL)	n/a	-	n/a	999	MT20	197/144
Snow (Ps/Pg)	20.8/30.0	Lumber DOL	1.15	BC	0.24	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	10	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 80 lb	FT = 15%

LUMBER
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 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 All bearings 24-0-0.
(lb) - Max Horiz 2=57 (LC 14), 19=57 (LC 14)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 10, 12, 13, 14, 16, 17, 18, 19, 22
Max Grav All reactions 250 (lb) or less at joint(s) 13, 15, 17 except 2=255 (LC 1), 10=255 (LC 1), 12=486 (LC 22), 14=253 (LC 22), 16=253 (LC 21), 18=486 (LC 21), 19=255 (LC 1), 22=255 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-18=-316/136, 9-12=-316/136

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; 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 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=30.0 psf (ground snow); Ps=20.8 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.10
5) Roof design snow load has been reduced to account for slope.
6) Unbalanced snow loads have been considered for this design.
7) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.8 psf on overhangs non-concurrent with other live loads.
8) All plates are 1.5x4 MT20 unless otherwise indicated.
9) Gable requires continuous bottom chord bearing.
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 3-06-00 tall by 2-00-00 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) 2, 10, 16, 17, 18, 14, 13, 12, 2, 10.

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How to recall and purchase your design at home:

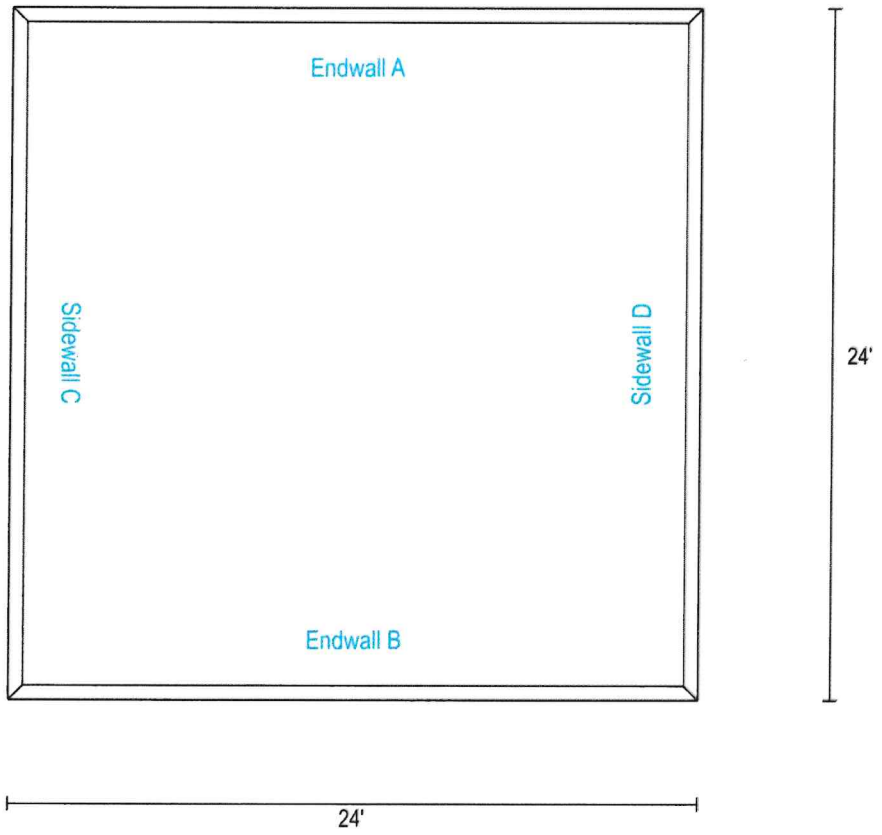
OR

1. On Menards.com, enter "Design & Buy" in the search bar
2. Select the Garage Designer
3. Recall your design by entering Design ID: 324959055887
4. Follow the on-screen purchasing instructions

How to purchase your design at the store:

1. Enter Design ID: 324959055887 at the Design-It Center Kiosk in the Building Materials Department
2. Follow the on-screen purchasing instructions

Garage Image



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Floor type (concrete, dirt, gravel) is NOT included in estimated price. The floor type is used in the calculation of materials needed. Labor, foundation, steel beams, paint, electrical, heating, plumbing and delivery are also NOT included in estimated price. This is an estimate. It is only for general price information. This is not an offer and there can be no legally binding contract between the parties based on this estimate. The prices stated herein are subject to change depending upon the market conditions. The prices stated on this estimate are not firm for any time period unless specifically written otherwise on this form. The availability of materials is subject to inventory conditions.

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