



City of Fitchburg
 Planning/Zoning Department
 5520 Lacy Road
 Fitchburg, WI 53711
 (608) 270-4200

CONDITIONAL USE PERMIT APPLICATION

The undersigned owner, or owner's authorized agent, of property herein described hereby applies for a conditional use permit for the following described property:

1. **Location of Property:** 2010 Shafer Dr
Street Address: _____

Legal Description - (Metes & Bounds, or Lot No. And Plat): _____

***Also submit in electronic format (MS WORD or plain text) by email to: PLANNING@FITCHBURGWI.GOV

- 2. **Current Use of Property:** Single family home
- 3. **Proposed Use of Property:** Single family hom w/ dependency living arrangement (DLA)
- 4. **Proposed Development Schedule:** Summer 2019
- 5. **Zoning District:** RL
- 6. **Future Land Use Plan Classification:** LDR

***Pursuant to Section 22-3(b) of the Fitchburg Zoning Ordinance, all Conditional Use Permits shall be consistent with the currently adopted City of Fitchburg Comprehensive Plan.

***Attach three (3) copies of a site plan which shows any proposed land divisions, plus vehicular access points and the location and size of all existing and proposed structures and parking areas. Two (2) of the three (3) copies shall be no larger than 11" x 17". Submit one (1) pdf document of the entire submittal to planning@fitchburgwi.gov.

Additional information may be requested.

Type of Residential Development (If Applicable): Single family home

No. of Dwelling Units by Bedroom: 1 BR 2 BR 3 BR 4 or More

No. Of Parking Stalls: NA

Type of Non-residential Development (If Applicable): NA

Proposed Hours of Operation: NA **No. Of Employees:** NA

Floor Area: 550 sqft for DLA **No. Of Parking Stalls:** NA

Sewer: Municipal Private **Water:** Municipal Private

Current Owner of Property: Joseph Jensen

Address: 2010 Shafer Dr **Phone No:** 608-225-1628

Contact Person: Same

Email: JJensen2@hotmail.com

Address: 2010 Shafer Dr **Phone No:** 608-225-1628

Respectfully Submitted By: Joseph Jensen

Owner's or Authorized Agent's Signature

**** It is highly recommended that an applicant hold at least one neighborhood meeting prior to submitting an CUP application to identify any concerns or issues of surrounding residents.**

PLEASE NOTE - Applicants shall be responsible for legal or outside consultant costs incurred by the City. Submissions shall be made at least four (4) weeks prior to desired plan commission meeting.

For City Use Only: **Date Received:** 4/12/2019 **Publish:** _____

Ordinance Section No. _____ **Fee Paid:** \$480.00

Permit Request No. CU-2285-19

R# 12, 2022 w/ 4-23-19

April 11, 2019

Joseph and Grace Jensen
2010 Shafer Drive
Fitchburg, WI 53711

To the City of Fitchburg Planning & Zoning and Building Inspection Departments:

We seek to provide a stable and long-term living arrangement for our parents, one that allows them to be close and involved while providing independence and privacy. Fortunately, it appears as if we can create a dependency living arrangement within the existing footprint of our house. The purpose of this letter is to describe our planned modifications to the residential property located at 2010 Shafer Drive, as we seek the required zoning and building permits to move this project forward. No new construction is proposed, as the DLA will fit completely within the current footprint of the house.

The Dependency Living Arrangement. We propose converting our existing garage, located in the back one-third of our basement, into a dependency living arrangement. The DLA will be a studio-style living space with its own bathroom and kitchenette. The existing garage was reviewed in-person by building inspector Jack Pearson, to ensure our space and planned renovations are in line with City of Fitchburg building inspection requirements. We also met with Sonja Kruesel to review the zoning requirements for a conditional use permit for dependency living arrangements, and our proposed arrangement appears to meet them all.

- *Space:* The existing garage interior measures approximately 17 feet by 30 feet, for an anticipated ~ 500 square foot total for the DLA unit. The main house will retain all approximately 1,800 feet of finished space.
- *Occupancy:* We, the homeowners, will continue to reside in the main house. The dependent resident will be James Jensen, father of Joseph Jensen.
- *Entrance:* The main entrance to our house is located on the east side of our home. The entrance to the DLA will be at ground-level, on the south side of our home, in place of the existing garage door.
- *Interior doorway:* An existing door between the garage and the main house (in the rear of the unit) will be preserved.

In support of our conditional use permit application, we are enclosing:

1. A site map, including the footprint of the house and the outline of the proposed DLA unit.
2. Pictures of the property, with east (street), south (entrance to proposed DLA), and aerial views.
3. A letter from one of our neighbors, Mr. Matthew Holschuh, in support of our proposed DLA.
4. The conditional use permit fee.

We are incredibly grateful that the layout of our house and Fitchburg ordinances may provide us with the opportunity to create a comfortable and close environment that would allow our family to remain close over the next years. We are also incredibly fortunate in our neighbors, with their support for this project.

We look forward to the next steps of the conditional use permit application process. We also look forward to providing any additional information or clarifying any details to aid the review of our application.

Sincerely,

Joseph Jensen

Grace Jensen

4/11/2019

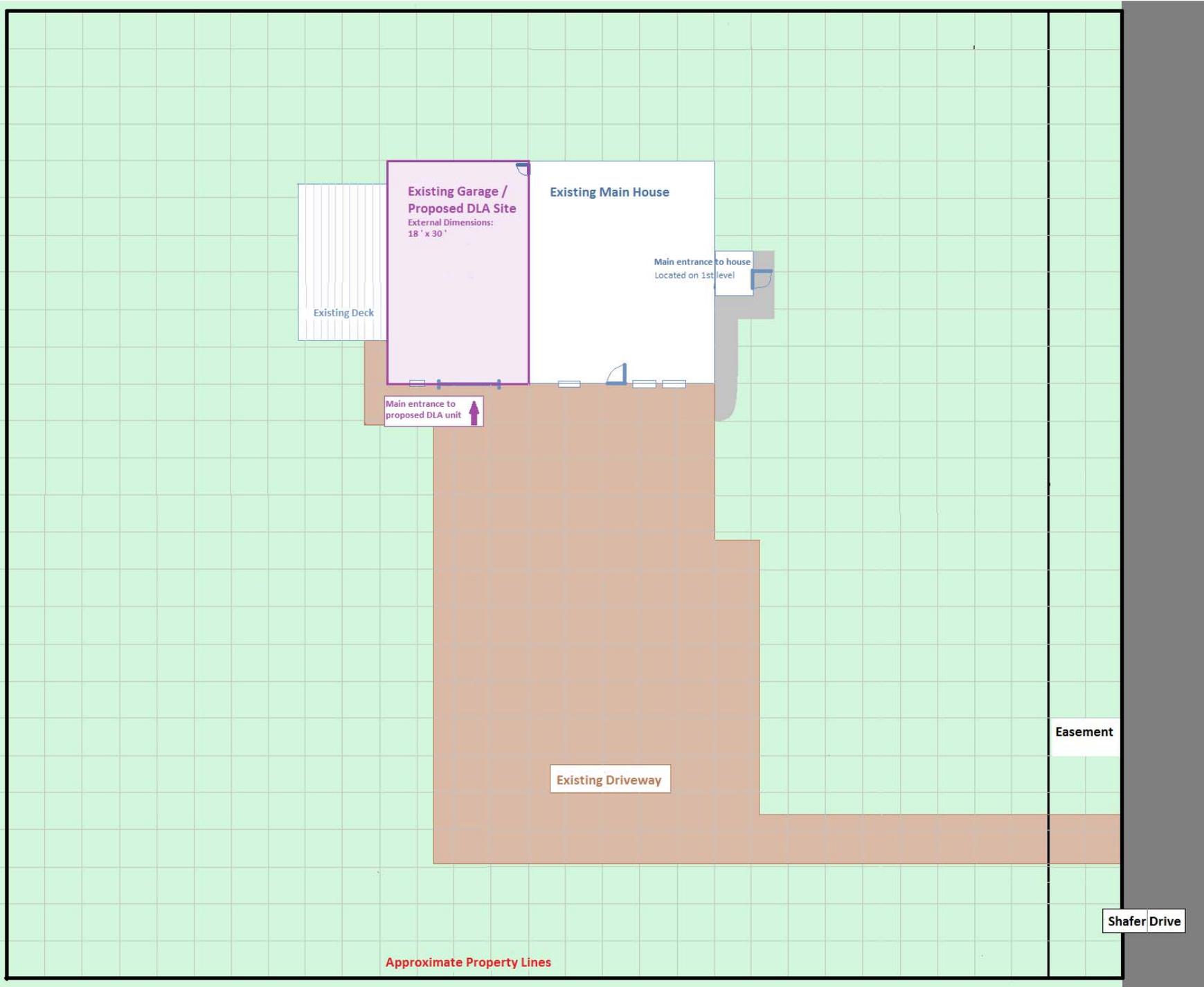
To Whom It May Concern,

I, Matthew Holschuh, would like to express my support for Joe and Grace Jensen's home modification for their dependent living arrangement. As their next-door neighbor, I have gotten to know Joe and Grace and understand their desire to provide a home for Joe's elderly father. Joe and Grace discussed the proposed changes to their home and impact to our neighborhood with me in detail. I fully support their plans for their dependent living arrangement.

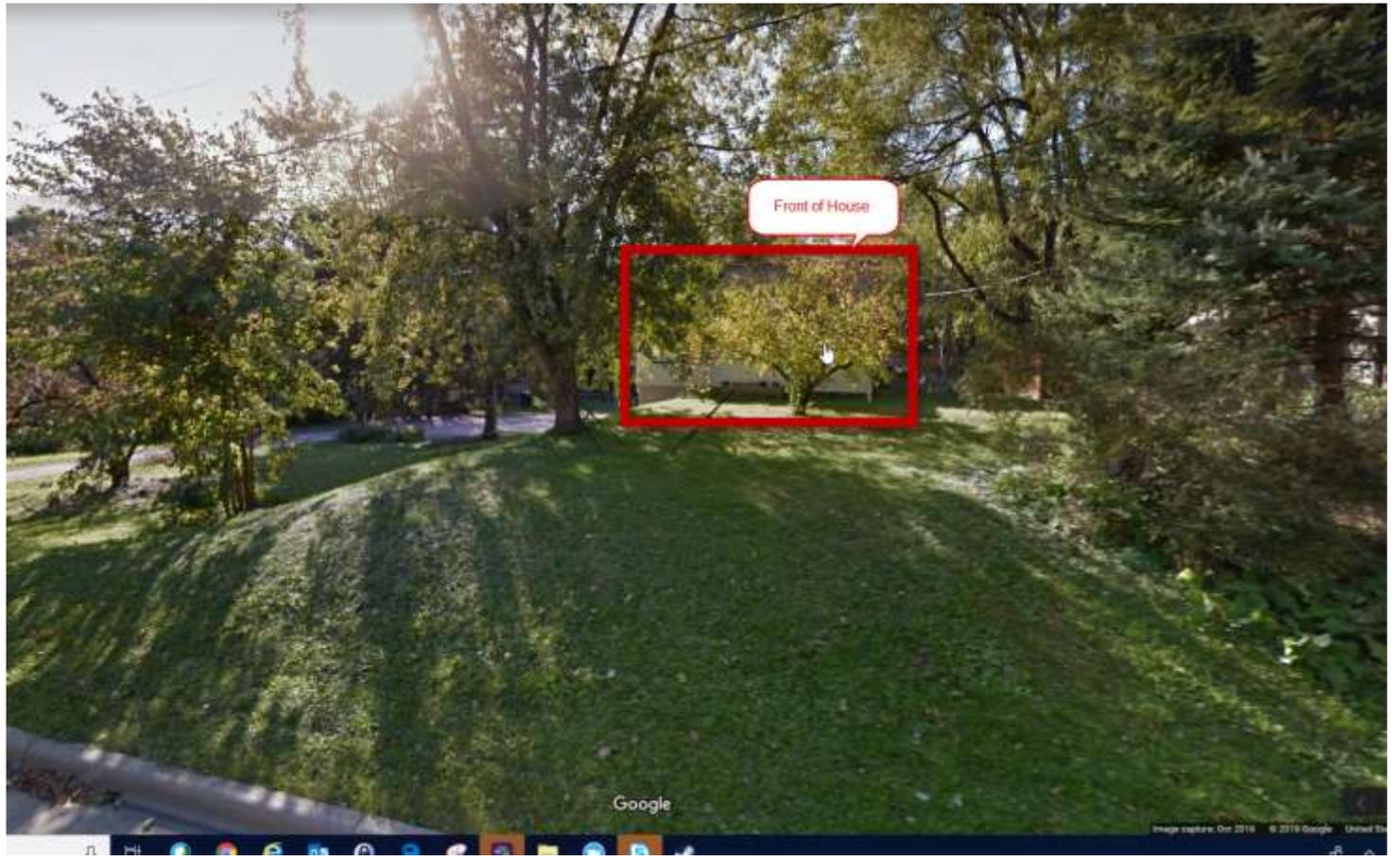
Best Regards,

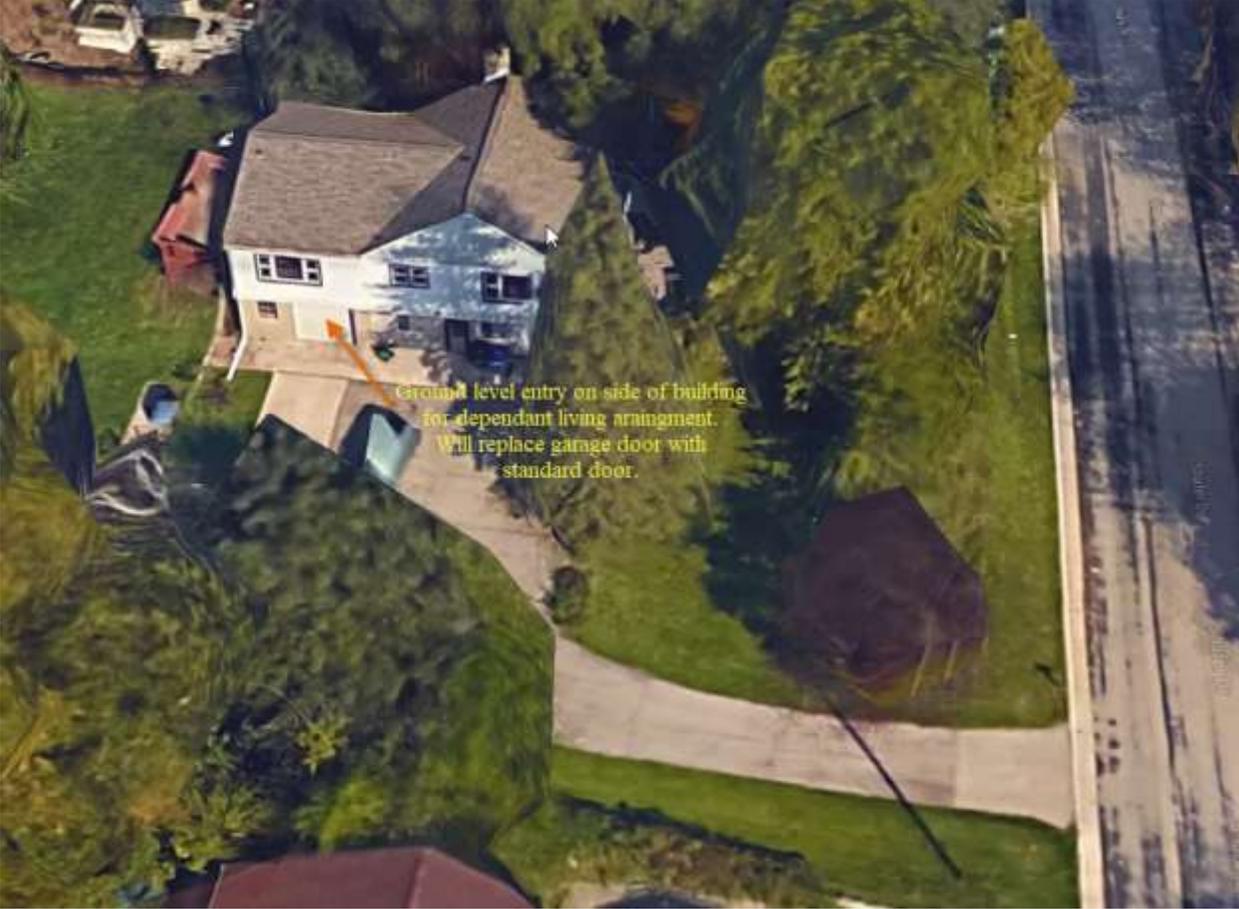
A handwritten signature in cursive script that reads "Matt Holschuh".

Matthew Holschuh
2006 Shafer Drive
Fitchburg, WI 53711

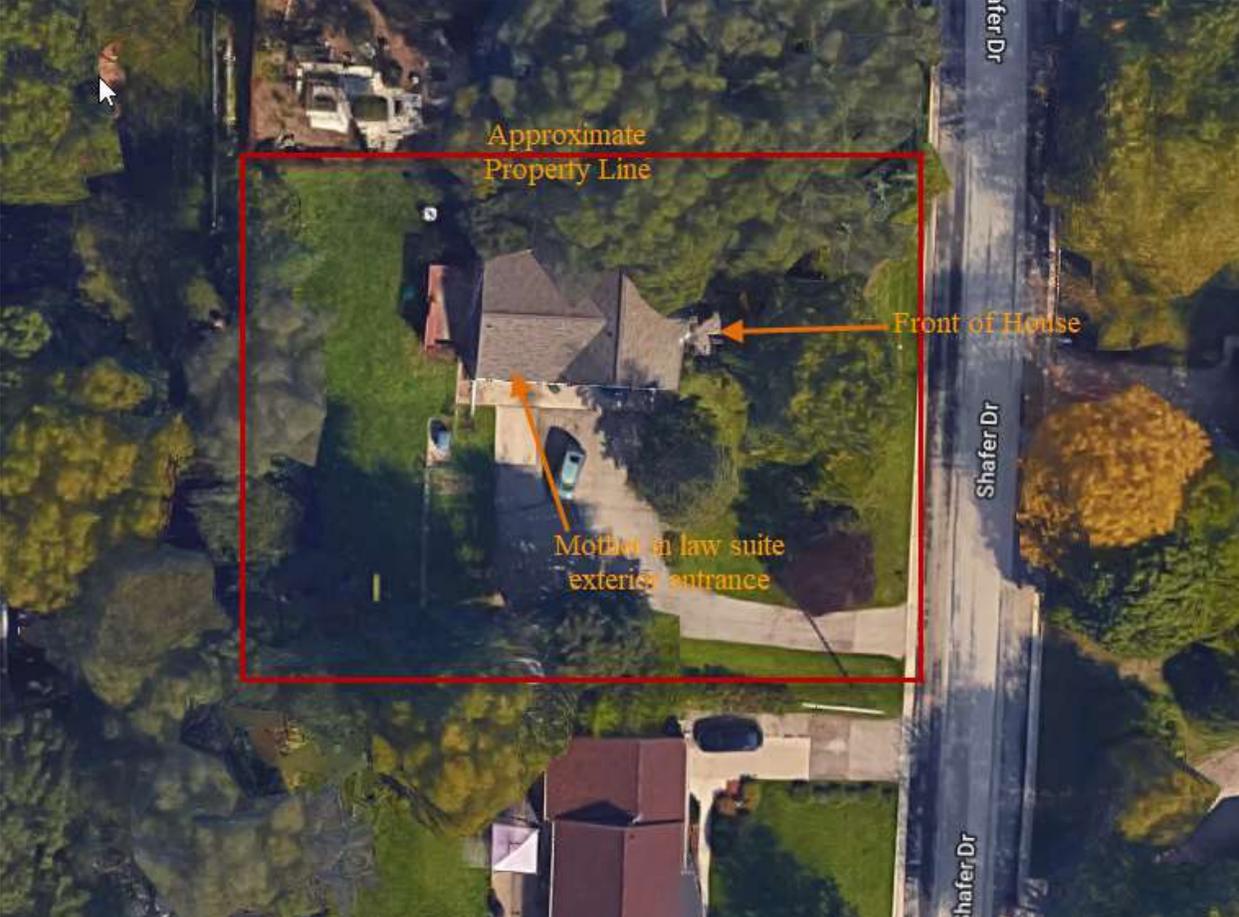


1 square = 5 square feet





Ground level entry on side of building
for dependant living arrangement.
Will replace garage door with
standard door.



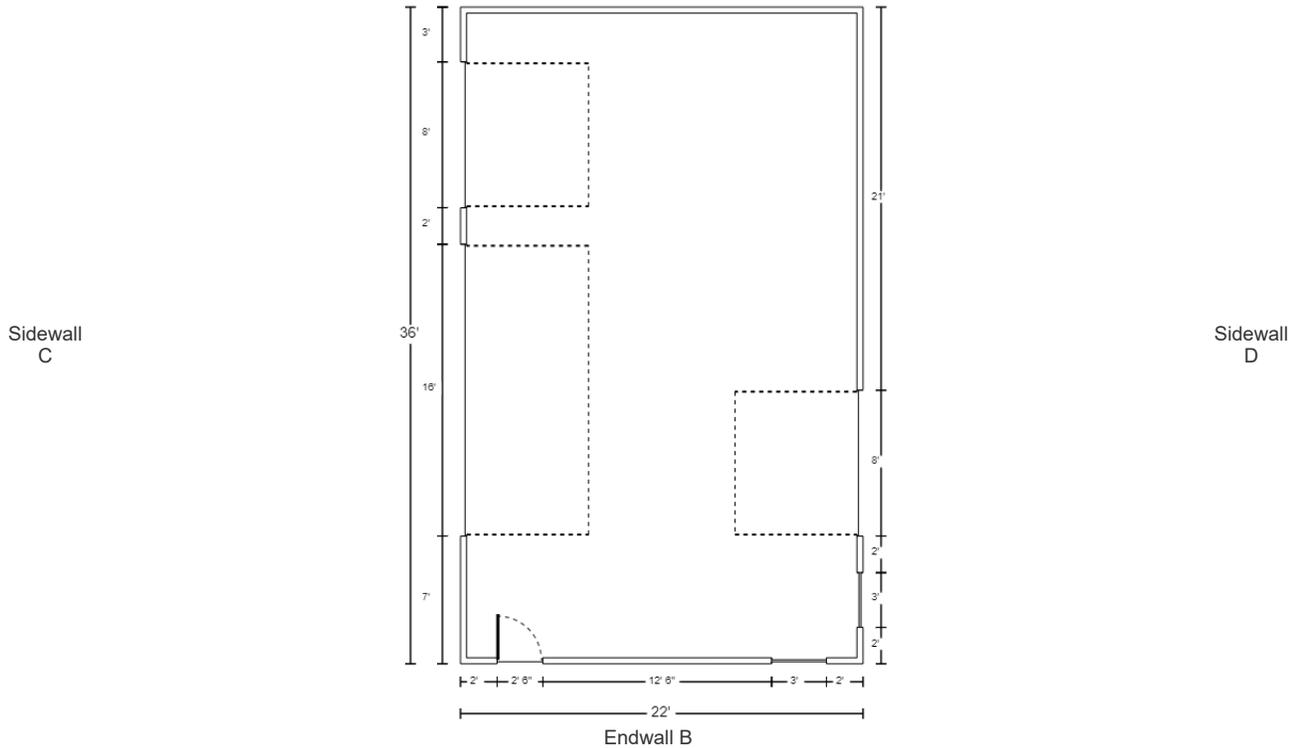


MADISON WEST, 430 COMMERCE DRIVE, MADISON, WI, 608-833-0700

Garage Floor Plan

**Illustration may not depict all selections.

Endwall A



Design Name: Garage Design
Design ID: 305858133017
Date: 04/010/2019
Estimate ID: 20604

Estimated Total Price: \$10174.84*

*Today's estimated price, future pricing may go up or down. Tax, labor, and delivery not included. Price does not reflect mail-in rebates.

How to purchase at the store

1. Take this packet to any Menards store.
2. Have a building materials team member enter the design number into the Garage Estimator Search Saved Designs page.
3. Apply the design to System V to create the material list.
4. Take the purchase documents to the register and pay.

How to recall and purchase a saved design at home

1. Go to Menards.com.
2. Select the Garage Estimator from the Project Center.
3. Select Search Saved Designs.
4. Log into your account.
5. Select the saved design to load back into the estimator.
6. Add your garage to the cart and purchase.

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.

MENARDS IS NOT RESPONSIBLE FOR ANY LOSS INCURRED BY THE GUEST WHO RELIES ON PRICES SET FORTH HEREIN OR ON THE AVAILABILITY OF ANY MATERIALS STATED HEREIN. All information on this form, other than price, has been provided by the guest and Menards is not responsible for any errors in the information on this estimate, including but not limited to quantity, dimension and quality. Please examine this estimate carefully.

MENARDS MAKES NO REPRESENTATIONS, ORAL, WRITTEN OR OTHERWISE THAT THE MATERIALS LISTED ARE SUITABLE FOR ANY PURPOSE BEING CONSIDERED BY THE GUEST. BECAUSE OF WIDE VARIATIONS IN CODES, THERE ARE NO REPRESENTATIONS THAT THE MATERIALS LISTED HEREIN MEET YOUR CODE REQUIREMENTS. THE PLANS AND/OR DESIGNS PROVIDED ARE NOT ENGINEERED. LOCAL CODE OR ZONING REGULATIONS MAY REQUIRE SUCH STRUCTURES TO BE PROFESSIONALLY ENGINEERED AND CERTIFIED PRIOR TO CONSTRUCTION.





MADISON WEST, 430 COMMERCE DRIVE, MADISON, WI, 608-833-0700

Wall Configurations

*Illustration may not depict all options selected.



ENDWALL B

- (1) - Northview Aspen 36"W x 36"H Vinyl Sliding Window ...
- (1) - Mastercraft® Primed Steel 6-Panel Prehung Exterior...



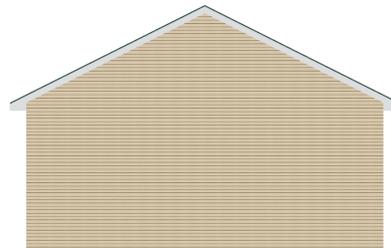
SIDEWALL D

- (1) - Northview Aspen 36"W x 36"H Vinyl Sliding Window ...
- (1) - Ideal Door® 5-Star 8' x 7' White Premium Insulated ...



SIDEWALL C

- (1) - Ideal Door® 5-Star 8' x 7' White Premium Insulated ...
- (1) - Ideal Door® 5-Star 16' x 7' White Raised Panel Insul...



ENDWALL A



Design Name: Garage Design

Design ID: 305858133017

Estimate ID: 20604



MADISON WEST, 430 COMMERCE DRIVE, MADISON, WI, 608-833-0700

Design Summary

Here is a summary of all your customized selections.

Building Info:

- Roof Framing: Truss Construction
- Truss Type: Common
- Pitch: 6/12 Pitch
- Framing Size: 2" x 4"
- Width: 22'
- Length: 36'
- Height: 9'
- Gable Overhang: 1'
- Eave Overhang: 1'
- Block Option: None

Roof Info:

- Garage Roof Sheathing: 1/2" OSB (Oriented Strand Board)
- Roofing Material Type: Architectural Shingle
- Roof Vents: None
- Roof Vent Color: NoColor
- Ridge Vent: Mongoose 11-1/2" x 20' Shingle Over Ridge Vent
- Garage Roofing: Owens Corning® TruDefinition® Duration® Architectural Shingles (32.8 sq. ft.)
- Roofing Color: Chateau Green
- Roof Underlayment: #15 Felt Roofing Underlayment 3' x 144' (432 sq. ft.)
- Ice and Water Barrier: Owens Corning® WeatherLock® G Granulated Self-Sealing Ice and Water Barrier 3' x 66.7" (200 sq. ft.)
- Garage Fascia Type: Aluminum Fascia
- Garage Fascia: 6" x 12' Aluminum Rustic Fascia
- Fascia Color: White
- Garage Soffit Type: Aluminum Soffit
- Garage Soffit: 16" x 12' Aluminum Vented Soffit
- Soffit Color: Hickory

Additional Options:

- Wall Finish: None
- Truss Fastener: FastenMaster® TimberLOK® 5/16" x 6" Hex Drive Black Hex Head Wood Screw - 50 Count
- Ceiling Finish: None
- Wall Insulation: None
- Ceiling Insulation: None

Wall Info:

- Siding Material Types: Vinyl
- Siding: Waterford® Double 5" Vinyl Siding
- Siding Color: Almond
- Accent Material Type: None
- House Wrap: Kimberly-Clark BLOCK-IT®9'x75'House Wrap
- Gable Vents: None
- Gable Vent Color: NoColor
- Walls Sheathing: 1/2" OSB (Oriented Strand Board)

Openings:

- Northview Aspen 36"W x 36"H Vinyl Sliding Window with Built-in J-Channel: 2
- Mastercraft® Primed Steel 6-Panel Prehung Exterior Door: 1
- Ideal Door® 5-Star 8' x 7' White Premium Insulated Garage Door: 2
- Ideal Door® 5-Star 16' x 7' White Raised Panel Insulated Garage Door: 1
- Chamberlain® 1/2 HP Chain Drive Garage Door Opener (Better): 2
- Vinyl
- White

What's Next

Finalized your Garage design? Great! Now it's time to set-up shipping!



If you have already set up your shipping/delivery options, please disregard this section

Set Up Shipping

1. If you completed the order online, check your email for a confirmation receipt and follow the directions included in it.
2. Take this printout to the Menards store location you selected (shown above).
3. Find a team member from the Building Materials department and show them your receipt and this print-out
4. Set up a time and location for delivery.

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------|---------------------------|
|  | Design Name: Garage Design | Design ID: 305858133017 | Estimate ID: 20604 |
|  MADISON WEST, 430 COMMERCE DRIVE, MADISON, WI, 608-833-0700 | | | |

Design Material List

Please take this to your Building Materials Department at your local Menards store and ask about how you can get your materials.

| SKU | Description | Quantity | Usage |
|---------|---------------------------------------------------------------------------------------------------------|----------|---------------------------|
| 1004547 | 22-0-0 End Truss 6.0/12 | 2 | End Truss |
| 1004547 | 22-0-0 Common 6.0/12 | 17 | Truss |
| 1021101 | 2 x 4 x 8' Construction/Framing Lumber | 2 | Top Plate |
| 1021143 | 2 x 4 x 16' Construction/Framing Lumber | 2 | Gable Overhang Framing |
| 1021143 | 2 x 4 x 16' Construction/Framing Lumber | 14 | Top Plate |
| 1021143 | 2 x 4 x 16' Construction/Framing Lumber | 6 | Lateral Brace |
| 1021305 | 2 x 4 x 104-5/8" Pre-Cut Stud Construction/Framing Lumber | 131 | Wall Stud |
| 1021758 | 2 x 6 x 8' Construction/Framing Lumber | 3 | Windows Gable Header |
| 1021758 | 2 x 6 x 8' Construction/Framing Lumber | 3 | Entry Door Gable Header |
| 1021758 | 2 x 6 x 8' Construction/Framing Lumber | 3 | Windows Eave Header |
| 1021758 | 2 x 6 x 8' Construction/Framing Lumber | 2 | Fascia Framing |
| 1021758 | 2 x 6 x 8' Construction/Framing Lumber | 8 | Door Track Framing |
| 1021761 | 2 x 6 x 10' Construction/Framing Lumber | 12 | Door Track Framing |
| 1021790 | 2 x 6 x 16' Construction/Framing Lumber | 16 | Fascia Framing |
| 1021790 | 2 x 6 x 16' Construction/Framing Lumber | 2 | Door Track Framing |
| 1061022 | 1 3/4" x 7 1/4" x 10' LVL 1.9E | 4 | Overhead Door Eave Header |
| 1061572 | 1 3/4" x 11 7/8" x 17' LVL 1.9E | 2 | Overhead Door Eave Header |
| 1110850 | 2 x 4 x 16' Ground Contact AC2® Green Pressure Treated Lumber | 6 | Bottom Plate |
| 1242809 | 1/2 x 4 x 8 OSB | 32 | Roof Sheathing |
| 1242809 | 1/2 x 4 x 8 OSB | 32 | Wall Sheathing |
| 1461004 | ABTCO® 1/2" Vinyl Starter Strip | 9 | Vinyl Starter |
| 1466834 | Waterford® Double 5" x 12' Almond Vinyl Siding | 102 | Siding |
| 1467008 | ABTCO® 10' Almond Outside Corner Trim | 4 | Outside Corner |
| 1467024 | ABTCO® 5/8" Almond Vinyl J-Channel | 21 | J-Trim |
| 1467037 | ABTCO® 10' Almond Undersill Trim | 8 | Undersill |
| 1474960 | Mongoose 11-1/2" x 20' Shingle Over Ridge Vent | 2 | Ridge Vent |
| 1511789 | #15 Felt Roofing Underlayment 3' x 144' (432 sq. ft.) | 3 | Roof Felt |
| 1511827 | Owens Corning® WeatherLock® G Granulated Self-Sealing Ice and Water Barrier 3' x 66.7" (200 sq. ft.) | 3 | Ice & Water Barrier |
| 1511910 | Owens Corning Starter Strip Plus Shingles (105 lin. ft. per bundle) | 1 | Shingle Starter |
| 1512369 | Owens Corning® ProEdge® Hip and Ridge Shingles (33.7 lin. ft.) | 2 | Hip and Ridge Shingles |
| 1513178 | Owens Corning® TruDefinition® Duration® Limited Lifetime Warranty Architectural Shingles (32.8 sq. ft.) | 33 | Shingles |

| | | | |
|-------------------------------------------------------------------------------------|-----------------------------------|--------------------------------|---------------------------|
|  | Design Name: Garage Design | Design ID: 305858133017 | Estimate ID: 20604 |
|-------------------------------------------------------------------------------------|-----------------------------------|--------------------------------|---------------------------|



MADISON WEST, 430 COMMERCE DRIVE, MADISON, WI, 608-833-0700

| SKU | Description | Quantity | Usage |
|---------|-----------------------------------------------------------------------------------------------|----------|---------------------------|
| 1571398 | 12' Aluminum Style D Roof Edging | 11 | Roof Edge |
| 1571567 | Sell Even White 6" x 12' Aluminum Rustic Fascia | 11 | Fascia |
| 1571664 | Grip Fast® 1-1/4" White Aluminum Trim Nail - 1 lb. Box | 1 | Door Stop Fasteners |
| 1571666 | Grip Fast® 1-1/4" White Aluminum Trim Nail - 1/4 lb. Box | 1 | Fascia Fasteners |
| 1571937 | Sell Even Hickory 12' Aluminum F-Channel | 11 | Soffit J-Trim |
| 1572030 | Sell Even Hickory 16" X 12' Aluminum Vented Soffit | 8 | Soffit |
| 1611602 | Plymouth Foam 3-1/2" x 50' Foam Sill Sealer | 2 | Sill Seal |
| 1612996 | Kimberly-Clark BLOCK-IT® 9' x 75' House Wrap | 2 | House Wrap |
| 1613222 | Intertape Polymer Group 1.88 inches wide x 54.6 yards long Red Sheathing Tape | 1 | House Wrap Tape |
| 2082165 | Grip Fast® 1-1/4" Electro-Galvanized Coil Roofing Nails -7,200 Count | 1 | Roofing Nails |
| 2271617 | MiTek® 24" O.C. Multi-Unit Truss Spacer | 8 | Truss Spacer |
| 2293672 | Grip Fast® 1-1/2" Vinyl Siding Nail - 2 lb. Box | 3 | Siding Fasteners |
| 2295347 | Grip Fast® 2-1/2" 8D Vinyl-Coated Smooth Shank Sinker Nail - 5 lb. Box | 8 | Sheathing Fasteners |
| 2295363 | Grip Fast® 3-1/2" 16D Vinyl-Coated Smooth Shank Sinker Nail - 5 lb. Box | 7 | Framing Nails |
| 2300042 | FastenMaster® TimberLOK® 5/16" x 6" Hex Drive Black Hex Head Wood Screw - 50 Count | 1 | Truss Fastener |
| 2300104 | FastenMaster® FlatLOK® #40 x 3-1/2" Star Drive Red Flat Head Wood Screw - 50 Count | 2 | Header Fastener |
| 2329028 | Grip Fast® 1/2" x 10" Hot Dipped Galvanized Anchor Bolt w/ Nut & Washer - 25 Count | 1 | Anchor Bolts |
| 4031062 | Northview Aspen 36"W x 36"H Vinyl Sliding Window -White Interior/White Exterior | 2 | Window |
| 4140331 | Mastercraft® Embossed 30" W x 80" H Primed Steel 6-Panel Prehung Exterior Door - Left Inswing | 1 | Service Door |
| 4171622 | Royal® Building Products 7/16" x 2" x 7' White PVC Garage Door Stop | 6 | Door Stop Vertical |
| 4171635 | Royal® Building Products 7/16" x 2" x 9' White PVC Garage Door Stop | 2 | Door Stop Horizontal |
| 4171664 | Royal® Building Products 7/16" x 2" x 16' White PVC Garage Door Stop | 1 | Door Stop Horizontal |
| 4179378 | Royal® Building Products 11/16" x 5-13/16" x 7' White PVC Jamb Trim | 6 | Jamb Trim Vertical |
| 4179381 | Royal® Building Products 11/16" x 5-13/16" x 10' White PVC Jamb Trim | 4 | Jamb Trim Horizontal |
| 4179721 | Royal® Building Products 1-1/4" x 2" x 8' White PVC Brickmould | 6 | Brick Moulding Vertical |
| 4179721 | Royal® Building Products 1-1/4" x 2" x 8' White PVC Brickmould | 2 | Brick Moulding Horizontal |
| 4179734 | Royal® Building Products 1-1/4" x 2" x 10' White PVC Brickmould | 2 | Brick Moulding Horizontal |
| 4251031 | Chamberlain® 1/2 HP Chain Drive Garage Door Opener (Better) | 2 | Overhead Door Opener |
| 4251075 | Ideal Door® Keyed Lockset Kit for Residential Overhead Garage Door | 1 | Overhead Door Lock |
| 4251088 | Ideal Door® Overhead Garage Door Track Angle Iron Hanging Kit | 3 | Overhead Door Hardware |
| 4251091 | Ideal Door® 2-1/4" x 16' Steel Horizontal Garage Door Support Strut | 1 | Overhead Door Struts |



Design Name: Garage Design

Design ID: 305858133017

Estimate ID: 20604



MADISON WEST, 430 COMMERCE DRIVE, MADISON, WI, 608-833-0700

| SKU | Description | Quantity | Usage |
|---------|-----------------------------------------------------------------------------|----------|---------------------------|
| 4251101 | Ideal Door® 2-1/4" x 9' Steel Horizontal Garage Door Support Strut | 1 | Overhead Door Struts |
| 4251602 | Xtreme Garage® Garage Door Opener Hanging Kit | 2 | Overhead Door Hanging Kit |
| 4254661 | Ideal Door® Traditional 8' x 7' White Insulated Garage Door (R-Value 6.5) | 2 | Overhead Door |
| 4258336 | Ideal Door® Traditional 16' x 7' White Insulated Garage Door (R-Value 12.9) | 1 | Overhead Door |
| 4334206 | Nelson 6" Pine Shims - 9-pack | 2 | Opening Shim |
| 4364500 | Tite Seal Self-Adhesive Asphalt Window Flashing Tape 1-Roll 4" x 33' | 2 | Opening Flashing |
| 4364550 | Tite Seal Foam Self-Adhesive Threshold Sealer 1-Roll 5.5" x 42" | 1 | Service Door Sealer |
| 4400207 | Tru-Bolt® Madison Satin Chrome Entry Knob Combo | 1 | Service Door Lock |
| 5634342 | White Lightning™ Window & Door Silicone Rubber Clear Sealant - 9 oz | 3 | Overhead Door Trim Caulk |
| 5634342 | White Lightning™ Window & Door Silicone Rubber Clear Sealant - 9 oz | 1 | Opening Caulk |



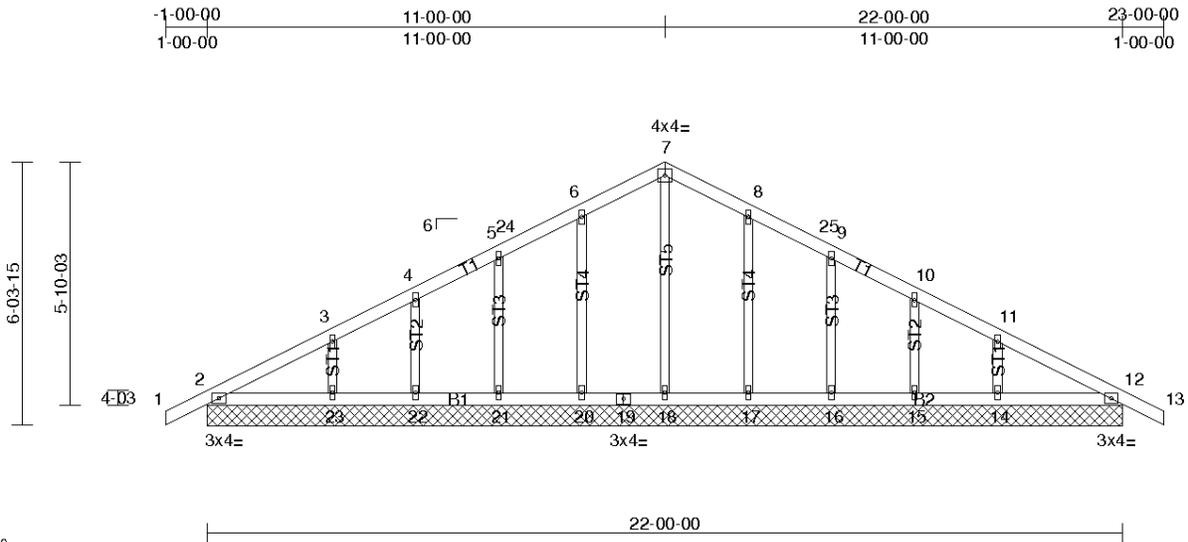
Design Name: Garage Design

Design ID: 305858133017

Estimate ID: 20604

| | | | | | |
|---------------------|--------------|----------------------|----------|----------|--------------------------|
| Job QTREC0519870 | Truss T2E | Truss Type COMMON | Qty 1 | Ply 1 | Job Reference (optional) |
|---------------------|--------------|----------------------|----------|----------|--------------------------|

Midwest Manufacturing, Eau Claire, WI Run: 8:120 s Aug 1 2017 Print: 8:120 s Aug 1 2017 MITek Industries, Inc. Sun Aug 13 14:17:58 2017 Page: 1
ID: JOD1zz9Dgr7nz729AUtL7yoEbl_xHhIqmioCL8uJZgpsiP5gYtnGN9G4Mtbvb7?yoEYN



Scale = 1.489

| Loading | (psf) | Spacing | | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
|--------------|-----------|-----------------|-----------------|----------|------|-----------|------|-------|--------|-----|---------------|----------|
| TCLL (roof) | 20.0 | Plate Grip DOL | 2-00-00 | TC | 0.07 | Vert(LL) | n/a | - | n/a | 999 | MT20 | 197/144 |
| Snow (Ps/Pg) | 20.8/30.0 | Lumber DOL | | BC | 0.05 | Vert(TL) | n/a | - | n/a | 999 | | |
| TCDL | 10.0 | Rep Stress Incr | YES | WB | 0.11 | Horiz(TL) | 0.00 | 12 | n/a | n/a | | |
| BCLL | 0.0* | Code | IRC2009/TPI2007 | Matrix-R | | | | | | | | |
| BCDL | 10.0 | | | | | | | | | | Weight: 78 lb | FT = 15% |

LUMBER

TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x3 SPF Stud

BRACING

TOP CHORD
BOT CHORD

Structural wood sheathing directly applied or 6'-0-0 oc purlins.
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 22-00-00.

(lb) - Max Horiz 2=-64(LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 12, 14, 15, 16, 17, 20, 21, 22, 23
Max Grav All reactions 250 (lb) or less at joint(s) 2, 12, 14, 15, 16, 17, 18, 20, 21, 22, 23

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

JOINT STRESS INDEX

2 = 0.26, 3 = 0.51, 4 = 0.51, 5 = 0.51, 6 = 0.51, 7 = 0.36, 8 = 0.51, 9 = 0.51, 10 = 0.51, 11 = 0.51, 12 = 0.26, 14 = 0.51, 15 = 0.51, 16 = 0.51, 17 = 0.51, 18 = 0.51, 19 = 0.26, 20 = 0.51, 21 = 0.51, 22 = 0.51 and 23 = 0.51

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 90mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) 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
- 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.
- TCLL: ASCE 7-05; 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=1.1
- Roof design snow load has been reduced to account for slope.
- Unbalanced snow loads have been considered for this design.
- 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.
- All plates are 1.5x4 MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 2'-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 12, 20, 21, 22, 23, 17, 16, 15, 14.
- This truss is designed in accordance with the 2009 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

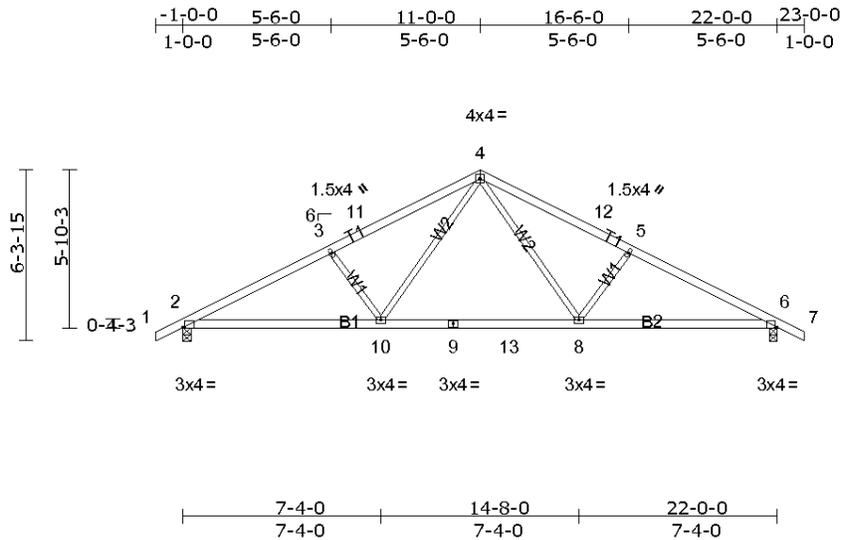
| | | | | | |
|--------------|-------|------------|-----|-----|--------------------------|
| Job | Truss | Truss Type | Qty | Ply | Job Reference (optional) |
| QTREC0551727 | T1 | Common | 3 | 1 | |

Midwest Manufacturing, Eau Claire, WI

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Scale = 1:75.4

Plate Offsets (X, Y): [2:0-0-12,Edge], [6:0-0-12,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 | Vert(LL) | -0.12 | 8-10 | >999 | 240 | MT20 | 197/144 |
| Snow (Ps/Pg) | 27.7/40.0 | Lumber DOL | 1.15 | BC | Vert(TL) | -0.23 | 8-10 | >999 | 180 | | |
| TCDL | 7.0 | Rep Stress Incr Code | YES | WB | Horiz(TL) | 0.06 | 6 | n/a | n/a | | |
| BCLL | 0.0* | IRC2009/TPI2007 | | Matrix-SH | | | | | | | |
| BCDL | 10.0 | | | | | | | | | Weight: 71 lb | FT = 15% |

LUMBER

TOP CHORD 2x4 SPF No.2
 BOT CHORD 2x4 SPF No.2
 WEBS 2x3 SPF Stud

BRACING

TOP CHORD
 BOT CHORD

Structural wood sheathing directly applied or 4-0-1 oc purlins.
 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=1050/0-3-8, (min. 0-1-12), 6=1050/0-3-8, (min. 0-1-12)
 Max Horiz 2=-64(LC 15)
 Max Uplift 2=-122(LC 14), 6=-122(LC 15)
 Max Grav 2=1105(LC 2), 6=1105(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1802/279, 3-11=-1569/257, 4-11=-1480/276, 4-12=-1481/276, 5-12=-1569/257, 5-6=-1802/279
 BOT CHORD 2-10=-167/1530, 9-10=-33/1003, 9-13=-33/1003, 8-13=-33/1003, 6-8=-167/1530
 WEBS 4-8=-63/600, 5-8=-420/172, 4-10=-63/600, 3-10=-420/172

JOINT STRESS INDEX
 2 = 0.85, 3 = 0.51, 4 = 0.70, 5 = 0.51, 6 = 0.85, 8 = 0.63, 9 = 0.76 and 10 = 0.63

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 90mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) 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
- TCLL: ASCE 7-05; 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=1.1
- Roof design snow load has been reduced to account for slope.
- Unbalanced snow loads have been considered for this design.
- 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.
- This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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, with BCDL = 10.0psf.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 122 lb uplift at joint 2 and 122 lb uplift at joint 6.
- This truss is designed in accordance with the 2009 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard