

**Community Development Board
City of Waterloo, IA**

PRELIMINARY SPECIFICATIONS AND BID SHEET

City of Waterloo

232 Ricker Street

319-291-4429

Owner

Address to be rehabilitated

Phone

DESCRIPTION OF WORK TO BE DONE

NOTE: SPECIFICATION NUMBERS TO BE FOLLOWED ARE LISTED BEFORE EACH STATEMENT INDICATING THE PARAGRAPH NUMBER OF THE GENERAL SPECIFICATIONS AND CONDITIONS SHEET

If your bid proposal is over \$25,000.00 minus the Lead-Based Paint Hazard Reduction Activities, all lead-based paint hazard reduction activities must be performed by Certified Abatement Contractors.

Lead-Based Paint Safe Work Practices

All work in contract must be completed using Safe Work Practices as required under the Iowa Department of Public Health's Lead-Safe Renovators Training Manual and be done only by contractors who have successfully completed the 8-hour "Lead-Safe Renovators Training Program". It is assumed all painted surfaces are lead-based paint due to the fact this home was constructed prior to 1979; therefore, lead-based paint safe work practices must be used when disturbing any painted surfaces.

DESCRIPTION OF WORK TO BE DONE

NOTE: SPECIFICATION NUMBERS TO BE FOLLOWED ARE LISTED BEFORE EACH STATEMENT INDICATING THE PARAGRAPH NUMBER OF THE GENERAL SPECIFICATIONS AND CONDITIONS SHEET

NOTE: ALL MATERIALS USED TO COMPLETE THESE LINE ITEM SPECIFICATIONS MUST MEET BUILDING CODE REQUIREMENTS OR GREATER.

GM #	Item	Specification	Contractors Bid
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Rehabilitation

Garage

- | | | | |
|-----|---|--|--|
| 600 | 1 | Pour new concrete slab 16'x 24' (5" thick slab with 6" high curb) for newly constructed garage. Using the existing curb cut pour new concrete driveway (5" thick) from street to the newly constructed garage. Pour new parking pad adjacent to the new driveway on right side of garage, size to be 10' by 20'. Include a 4'x7' pad out side service door pad to connect to new driveway, Pour new side walk from newly constructed garage to dwelling side walk at the end of the pre cast concrete steps. Side walk to be 30" wide. Note to include regrading and seeding the work area. | |
|-----|---|--|--|

\$ _____

GM #	Item	Specification	
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Rehabilitation / Garage continued...

2 Construct a 16' width by 24' length garage, per city code. (see attached specs) .
The vinyl siding, fascia, soffit and shingles are to match existing dwelling. Frame in
and install a 32" new pre-hung steel entrance door with new hardware and
deadbolt. Install new aluminum capping on exterior casings. Match existing size
and style of existing dwelling, Match existing as close as possible.

\$ _____

600

3 Frame in an opening for a 10' wide by 7' high over head door. Install new 10'x7'
insulated over head door on wall side B. To include all hard ware, new door
opener. Install new aluminum capping on exterior jamb match color on the existing
dwelling as close as possible.

\$ _____

1900

4 Install new electrical from the dwelling to the newly constructed garage. Per cite
code.

\$ _____

2000.2

5 Install new seamless aluminum gutters, downspouts and extensions on the newly
constructed garage. Discharged will be at the end of the garage. Extensions to be
a minimum of 48" away from the dwelling. Match existing dwelling.

Quantity 52 \$ _____

Rehabilitation SubTotal: \$ _____

Preliminary Specifications and Bid Sheet

City of Waterloo
232 Ricker Street, Waterloo, IA 50703

GM # Item Specification

Contractors Bid

Total Bid \$ _____

All of the above preceding work will be done in accordance with applicable Waterloo codes and the standard specifications for the Community Development Rehabilitation Program.

Date _____ Authorized Signature _____

FIRM: _____

ADDRESS: _____

PLEASE LIST SUBCONTRACTORS BELOW:

	Amount
Electrical: _____	\$ _____
Plumbing: _____	\$ _____
Heating: _____	\$ _____
Lead Based Paint: _____	\$ _____
Other: _____	\$ _____
Other: _____	\$ _____
Other: _____	\$ _____
Other: _____	\$ _____

Date: 8/09/2023 - 12:05 PM

Design ID: 304058786246

Estimate ID: 16904

Estimated Price: \$7,655.79

**Today's estimated price. Future pricing may go up or down. Tax, labor, and delivery not included.*

MENARDS®

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GARAGE

Roof Info

Roof Sheathing:	1/2 x 4 x 8 OSB(Oriented Strand Board)
Roofing Material Type:	Architectural Shingle
Architectural Roofing:	Owens Corning® TruDefinition® Duration® Limited Lifetime Warranty Architectural Shingles (32.8 sq. ft.), Color: Estate Gray
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'(200sq.ft)
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

Service Door:	Commander® 32W x 80H Primed Steel 6-Panel
Overhead Door:	Ideal Door® Traditional 10' x 7' White Non-Insulated
Garage Door Opener:	Performax™ 1/2 HP Chain Drive Garage Door Opener
Overhead Door Trim Type:	Vinyl
Vinyl Trim Color:	White

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
Overhead Opening Hardware:	No

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Materials

Building Info

Building Location Zip Code:	50702
Building Width:	16'
Building Length:	24'
Building Height:	9'
Curb:	Poured Curb
Curb Height:	4"
Foundation Type:	Thickened Slab
Wall Framing Stud:	2 x 4
Roof Framing:	Truss Construction
Truss Type:	Common
Roof Pitch:	4/12 Pitch
Eave Overhang:	24"
Gable Overhang:	12"
Custom Garage Plan:	Yes I need a custom building plan

Wall Info

Siding Material Types:	Vinyl
Vinyl Siding:	ABTCO® Cedar Creek™ Double 4, Color: White
Vinyl Corner Trim Color:	White
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

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Midwest Manufacturing Address 1 Address 2 City, State Zip							Truss: C11016 JobName: RESSTOCK Date: 02/22/17 09:24:24 Page: 1 of 1		
SPAN 16-0-0	PITCH 4/12	QTY 1	OHL 2-0-0	OHR 2-0-0	CANT L 0-0-0	CANT R 0-0-0	PLYS 1	SPACING 24 in	WGTY/PLY 50 lbs

All plates shown to be Eagle 20 unless otherwise noted.

Loading (psf)	General	CSI Summary	Deflection	L/	(loc)	Allowed
TCLL: 42 Snow(P/Pg): 42&0 TCCL: 10 BCLL: 0 BCCL: 10	Bldg Code: IRC 2015 TPI 1-2007 Rep Mbr Increase: Yes Lumber D.O.L.: 115%	TC: 0.70 (1-2) BC: 0.69 (5-6) Web: 0.47 (4-6)	Vert TL: 0.18 in Vert LL: 0.1 in Horz TL: 0.05 in	L/999 L/999	(5-6) 6 5	L/180 L/240

Reaction Summary						
JT	Brj Combo	Brj Wdh	Rqd Brj Wdh	Max React	Max Grav Uplift	Max MWFRS Uplift
1	1	3.5 in	1.88 in	1,200 lbs	.	-264 lbs
5	1	3.5 in	1.88 in	1,200 lbs	.	-264 lbs

Material Summary		Bracing Summary	
TC	SPF #2 2 x 4	TC Bracing	Sheathed or Purlins at 3-10-0, Purlin design by Others
BC	SPF #2 2 x 4	BC Bracing	Sheathed or Purlins at 10-0-0, Purlin design by Others
Web	SPF Stud 2 x 3		

Loads Summary

1) This truss has been designed for the effects of balanced and unbalanced snow loads for hip/gables in accordance with ASCE7 - 10 with the following user defined input: 60 psf ground snow load, Terrain Category B, Exposure Category Fully Exposed (Ce = 0.9), Risk Category II (I = 1.00), Thermal Condition Cold ventilated (Ct = 1.1), DOL = 1.15. Unventilated. If the roof configuration differs from hip/gable, Building Designer shall verify snow loads.

2) This truss has been designed to account for the effects of ice dams forming at the eaves.

3) This truss has been designed for the effects of wind loads in accordance with ASCE7 - 10 with the following user defined input: 115 mph (Factor e), Exposure B, Enclosed, Gable/Hip, Risk Category II, Overall Bldg Dims 25 ft x 60 ft, h = 15 ft, End Zone Truss, Both end webs considered. DOL = 1.60

4) Maximum storage attic loading has been applied in accordance with IRC 301.5

Member Forces Summary						
TC	1-4	0.700	-2,225 lbs	3-4	0.378	-1,641 lbs
	2-3	0.376	-1,641 lbs	4-5	0.700	-2,225 lbs
BC	3-4	0.695	2,065 lbs (398 lbs)	6-1	0.695	2,065 lbs (398 lbs)
Web	2-6	0.468	-783 lbs	3-6	0.298	494 lbs

JSI Summary
1 = 0.92, 2 = 0.64, 3 = 0.94, 4 = 0.64, 5 = 0.92, and 6 = 0.74

Notes

- Unless noted otherwise, do not cut or alter any truss member or plate without prior approval from a Professional Engineer.
- When this truss has been chosen for quality assurance inspection, the Double Polygon Method per TPI 1-2007/Chapter 3 shall be used.
- The fabrication tolerance for this roof truss is 0% (Cq = 1.00).
- Brace bottom chord with approved sheathing or purlins per Bracing Summary.
- Crook has been considered in the analysis of this truss.
- Listed wind uplift reactions based on MWFRS & C&C loading.

ALL PERSONS FABRICATING, HANDLING, ERECTING OR INSTALLING ANY TRUSS BASED UPON THIS TRUSS DESIGN DRAWING ARE INSTRUCTED TO REFER TO ALL OF THE INSTRUCTIONS, LIMITATIONS AND QUALIFICATIONS SET FORTH IN THE EAGLE METAL PRODUCTS DESIGN NOTES ISSUED WITH THIS DESIGN AND AVAILABLE FROM EAGLE UPON REQUEST. DESIGN VALID ONLY WHEN EAGLE METAL CONNECTORS ARE USED.	TrueBuild® Software v5.5.2.240 Eagle Metal Products Dallas, TX 75234
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Midwest Manufacturing Address 1 Address 2 City, State Zip							Truss: C11116 JobName: RBS STOCK ENDS Date: 02/22/17 09:33:20 Page: 1 of 1		
SPAN 16-0-0	PITCH 4/12	QTY 1	OHL 2-0-0	OHR 2-0-0	CANT L 0-0-0	CANT R 0-0-0	PLYS 1	SPACING 24 in	WGT/PLY 50 lbs

All plates shown to be Eagle 20 unless otherwise noted.

Loading (psf)	General	CSI Summary	Deflection	L/	(loc)	Allowed
TCLL: 42 Snow(Psf): 4260 TCDL: 10 BCLL: 0 BCDL: 10	Bldg Code: IRC 2012 TPI 1-2007 Rep Mbr Increase: No Lumber D.O.L.: 115 %	TC: 0.77 (7-14) BC: 0.10 (12-4) Web: 0.08 (6-8)	Vert TL: 0.01 in Vert LL: 0 in Horz TL: 0 in	L/999 L/999	(7-8) 8	L/180 L/240

Reaction Summary								
Brg Combo 1	Brg Width	Max React	Ave React	Max Crav Uplift	Max MWFRS Uplift	Max C&C Uplift	Max Uplift	Max Horiz
		557 lbs	175 plf	-34 lbs	-12 lbs	-172 lbs	-172 lbs	98 lbs

Material Summary	Bracing Summary
TC SPF #2 2 x 4 BC SPF #2 2 x 4 Webs SPF Stud 2 x 4	TC Bracing Sheathed or Purlins at 6-3-0, Purlin design by Others. BC Bracing Sheathed or Purlins at 10-0-0, Purlin design by Others.

Loads Summary

1) This truss has been designed for the effects of balanced and unbalanced snow loads in accordance with ASCE7 - 10 with the following user defined input: 60 psf ground snow load, Terrain Category B, Exposure Category Fully Exposed (Ce = 0.9), Risk Category II (I = 1.00), Thermal Condition Cold ventilated (Ct = 1.1), DOL = 1.15. Ventilated. If the roof configuration differs from hip/gable, Building Designer shall verify snow loads.

2) This truss has been designed to account for the effects of ice dams forming at the eaves.

3) This truss has been designed for the effects of wind loads in accordance with ASCE7 - 10 with the following user defined input: 115 mph (Factor d), Exposure B, Enclosed, Gable/Hip, Risk Category II, Overall Bldg Dims 25 ft x 60 ft, h = 15 ft, End Zone Truss, Both end webs considered. DOL = 1.60

Member Forces Summary		Title indices: Member ID, max CSI, max axial force, brg compr. force if different from max axial force. Only forces greater than 300lbs are shown in this table.	
TC	BC	Wets	Wets
		2-12 6-8	0.084 0.084
		-379 lbs -379 lbs	

JSI Summary
1 = 0.12, 2 = 0.39, 3 = 0.24, 4 = 0.29, 5 = 0.24, 6 = 0.39, 7 = 0.12, 8 = 0.40, 9 = 0.25, 10 = 0.22, 11 = 0.25, and 12 = 0.40

Notes

- 1) Unless noted otherwise, do not cut or alter any truss member or plate without prior approval from a Professional Engineer.
- 2) Gable requires continuous bottom chord bearing.
- 3) Gable webs placed at 24" OC, U.N.O.
- 4) Attach gable webs with 1x4 20ga plates, U.N.O.
- 5) Bracing shown is for in-plane requirements. For out-of-plane requirements, refer to BCSI-B3 published by the SBCA.
- 6) When this truss has been chosen for quality assurance inspection, the Double Polygon Method per TPI 1-2007/Chapter 3 shall be used.
- 7) The fabrication tolerance for this roof truss is 10% (Cq = 0.90).
- 8) Creep has been considered in the analysis of this truss.
- 9) Due to negative reactions in gravity load cases, special connections to the bearing surface at joints 8, 12 may need to be considered.
- 10) Lined wind uplift reactions based on MWFRS & C&C loading.

ALL PERSONS FABRICATING, HANDLING, ERECTING OR INSTALLING ANY TRUSS BASED UPON THIS TRUSS DESIGN DRAWING ARE INSTRUCTED TO REFER TO ALL OF THE INSTRUCTIONS, LIMITATIONS AND QUALIFICATIONS SET FORTH IN THE EAGLE METAL PRODUCTS DESIGN NOTES ISSUED WITH THIS DESIGN AND AVAILABLE FROM EAGLE UPON REQUEST. DESIGN VALID ONLY WHEN EAGLE METAL CONNECTORS ARE USED.	TrueBuild® Software v5.5.2.240 Eagle Metal Products Dallas, TX 75234
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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.

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.

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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 provided can be changed to meet your needs.
- 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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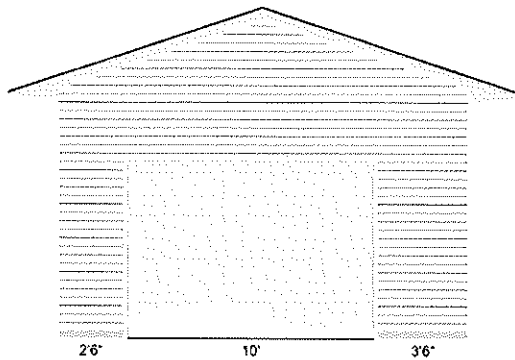
MENARDS'

Design & Buy™ GARAGE

Dimensions

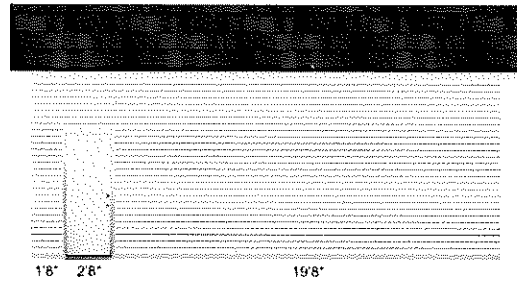
Wall Configurations

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



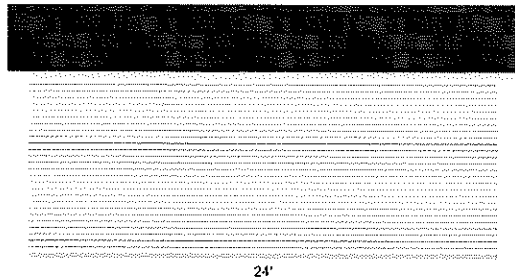
ENDWALL B

Ideal Door®; Traditional 10' x 7' White Non-Insulated

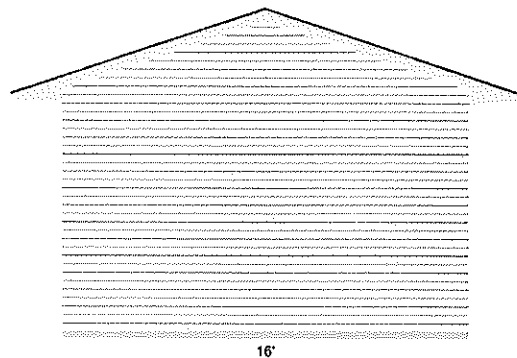


SIDEWALL D

Commander®; 32W x 80H Primed Steel 6-Panel



SIDEWALL C



ENDWALL A

For other design systems search "Design & Buy" on Menards.com

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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: 304058786246
4. Follow the on-screen purchasing instructions

How to purchase your design at the store:

1. Enter Design ID: 304058786246 at the Design-It Center Kiosk in the Building Materials Department
2. Follow the on-screen purchasing instructions

Garage Image

