Project Proposal

Date April 22, 2021

Property Address 1440 E Fairy Chasm Rd

Zoning

- ☒ Accessory Structures/Generators
- ☐ Additions/Remodel
- ☐ Bluff Management
- ☐ Commercial Signage
- ☐ Decks/Patios
- ☐ Fence
- ☐ Fire Pits
- ☐ Landscaping requiring Impervious Surface/Fill/Excavation Permit
- ☐ New Construction
- ☐ Play Structures
- ☐ Recreational Facilities/Courts
- ☐ Roofs
- ☐ Solar Panels/Skylights
- ☐ Swimming Pools
- ☐ Windows/Doors-change exceeds 25% of opening
- ☐ Other

Proposed project details (type of work, size, materials, etc.):

We would like to construct a 12' x 12' wood storage shed along the eastern edge of our back yard.

We intend to purchase a shed kit through Home Depot with pre-built and pre-cut components

The shed will be painted to match the exterior color of our home. Details & specs attached.

********** ***For Office Use Only*** **********

Yes	No	
☐	☐	Color photographs showing project location, elevations and surrounding views
☐	☐	Two (2) complete sets of building plans (including elevations and grading)
☐	☐	Survey
☐	☐	Samples or brochures showing materials, colors and designs
☐	☐	Application Fee
☐	☐	Parcel Number
☐	☐	ARC Agenda Date:
☐	☐	Building Permit
☐	☐	Fill Permit
☐	☐	Impervious Surface Permit
☐	☐	Plan Commission/Conditional Use Permit
☐	☐	Tax Key Number
☐	☐	Right-of-Way/Excavation Permit
☐	☐	Variance Required

SAFEbuilt Wisconsin, LLC
2108A Silvernail Road #317
Pewaukee, WI 53072

4/27/2021

Attention:
Village of Bayside, WI
Architecture Review Committee

PROJECT/SITE OWNER: Brett Bostrck PROJECT ADDRESS: 1440 E Fairy Chasm	PROJECT SUMMARY: New wood shed, 12' x 12' in rear yard. Shed finish materials will match existing house.

Shed location complies with setback requirements.

Reviewer believes this project complies with the following Village Code sections:

104-2(a)(2) Architectural Review Committee: *Construction and renovation should be made so that exterior architectural appearance shall be substantially consistent with structures already constructed in the immediate neighborhood, or with the character of the applicable district.*

NEW SHED LOCATION COMPLIES WITH VILLAGE CODE.

Tod Doebler
Building Inspector
tdoebler@safebuilt.com

Picture of Proposed Shed

#1 Home Improvement Retailer

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You're shopping South Loop
CLOSED until 6 am

Delivering to 60607

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All Departments | Home Decor, Furniture & Kitchenware | DIY Projects & Ideas | Project Calculators | Installation & Services | Specials & Offers | Local Ad

Home / Storage & Organization / Sheds, Garages & Outdoor Storage / Outdoor Storage / Sheds / Wood Sheds

Share | Print

399

Internet #202545107 Model #mansfield_1212

Hover Image to Zoom

Mansfield 12 ft. x 12 ft. Wood Storage Shed Kit

by **Best Barns** (Brand Rating: 3.9/5)

★★★★☆ (1) Write the First Review | Questions & Answers (16)

- Pre-built doors and pre-cut components provides ease of assembly
- Optionally purchase windows for light and ventilation
- Ready to paint any color, purchase shingles to match your home
- See More Details

$2736.58

OR

$457.00 per month* suggested payments with 6 months* financing on this $2736.58 purchase*

Apply for a Home Depot Consumer Card

How to Get It Delivering to: **60607** | Change

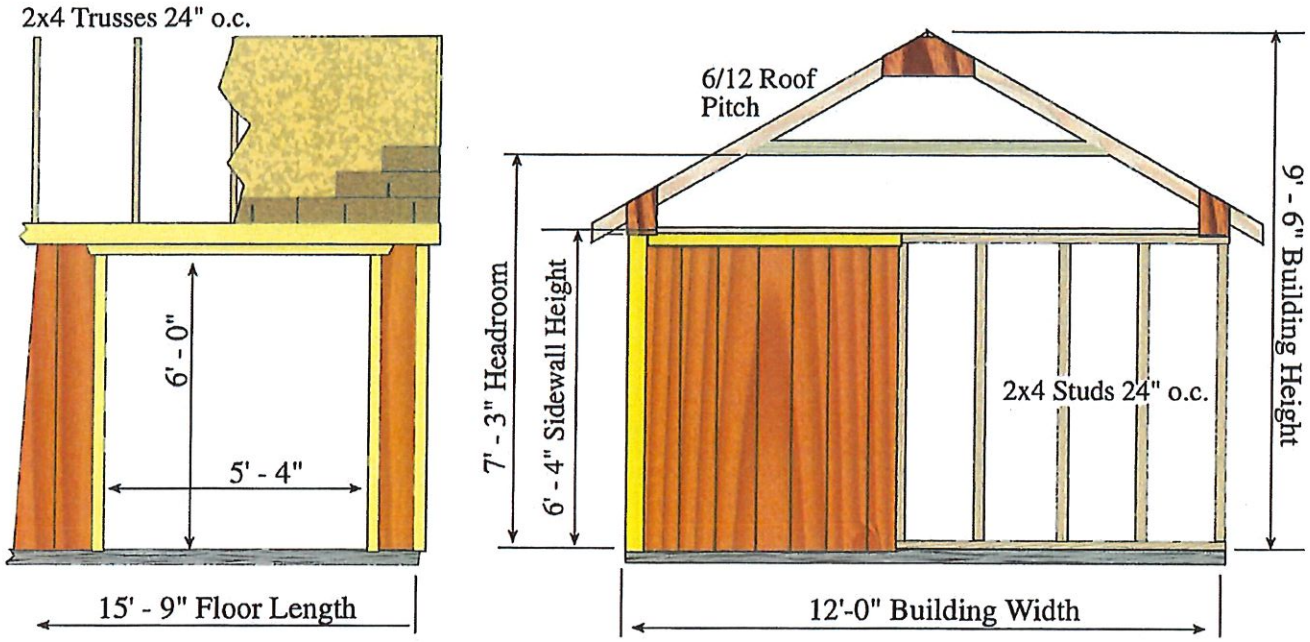
Ship to Store	Ship to Home	Scheduled Delivery
Pickup May 19 - May 24 FREE	Expect it May 24 - May 27 Standard Delivery	Not available for this item

We'll send up to **10** to **South Loop** for free pickup
Curbside pickup available.
Change Store

Before you order our kit or begin construction, obtain a building permit. The information below and the attached truss drawing should provide the information you will need.

If additional documents are required contact Richard@barnkits.com.

MANSFIELD ELEVATION



GENERAL SPECIFICATIONS

Foundation: By owner

Wall Framing: Constructed from 2x4 pre-cut wall studs spaced 24" on center between top and bottom plates.

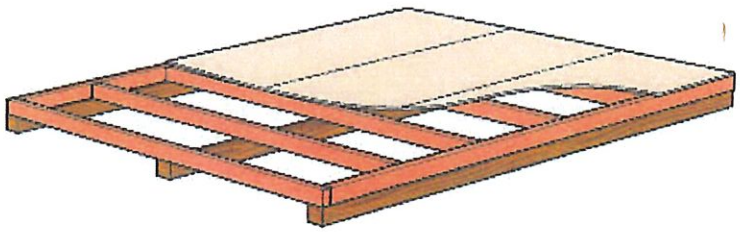
Siding: Louisianna-Pacific *'Smart Panel'* primed 8" o.c. groove with 50 year warranty, 5 year labor replacement

Roof System: 2x4 trusses spaced 24" on center, (40 psf ground snow load, 90 mph wind load). 7/16" OSB roof sheathing. *Shingles by owner.*

Exterior Trim: White pine trim for corners, door, gable trim and sidewall fascia fascia.

Hardware: Nails for all framing, metal hurricane hangers for trusses and door hardware.

Optional Floor: 2x4 treated floor joist spaced 16" on center covered with 5/8" structurwood, installed over 4x4 treated runners. Note: 12' wide floors have four (4) treated runners. Nails are included. Material is not pre-cut.



12300 Ford Rd
Suite 110
Dallas, TX, 75234
1-800-521-3245
fax 972-888-9966

www.eaglemetal.com

To Whom It May Concern:

The attached truss design drawings referenced below have been prepared by me or under my direct supervision based on the design parameters provided by **Reynolds Building Systems** and are assumed to be in accordance with the appropriate building code.

Any changes to these parameters and/or information provided on the original truss drawing voids the affected sealed truss drawing and new information shall be submitted to this office for additional review.

Listed below are the truss designs included in this package and covered by this seal.
Job Name: **RBS JRENAOLD R14C WA 1.pdf** - 1008223
R14R

Please refer to individual truss designs for specific loading and design criteria.

11/05/2009

Arturo A. Hernandez
(WA, 42169)

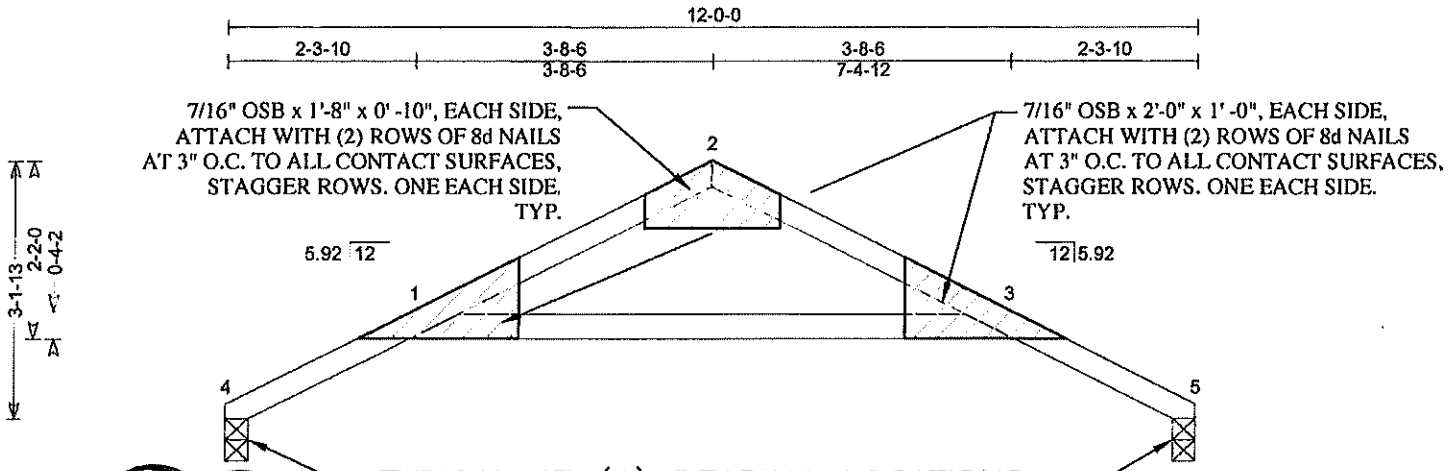
My license renewal date for the state of WA is 11-07-2010

The seal on these drawings indicates acceptance of professional engineering responsibility solely for the truss components shown. It is the responsibility of the building designer as to the suitability for use of each truss listed above.

TrueBuild® Software v4.06
by Keymark Enterprises, LLC.

Truss: R14C
JobName: JRENOLDS
Date: 10/07/09 11:27 AM
Page: 1 of 1

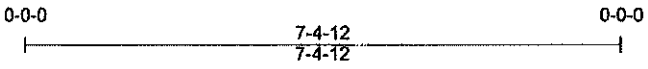
SPAN	PITCH	QTY	OHL	OHR	CANT L	CANT R	PLYS	SPACING	WGT/PLY
7-4-12	5.921 /12	1	2-3-10	2-3-10	0-0-0	0-0-0	1	24 in	23 lbs



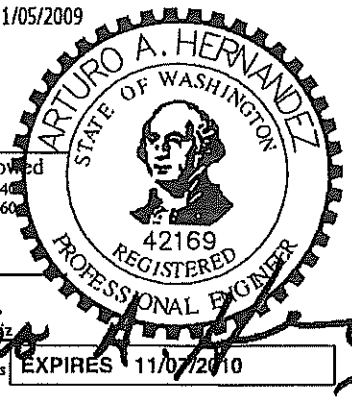
IF TRUSSES ARE PLACED AT 16" O.C., THE SNOW LOAD CAN B E INCREASED TO 60 PSF. IF TRUSSES ARE PLACED AT 12" O.C., THE SNOW LOAD CAN BE INCREASED TO 90 PSF.

TYPICAL AT (2) BEARING LOCATIONS:

** PROVIDE CONNECTION TO RESIST THE FOLLOWING LOADS AND FORCES:
VERTICAL REACTION – 700 lb
VERTICAL UPLIFT – 450 lb
HORIZONTAL THRUST – 1200 lb



11/05/2009



EXPIRES 11/07/2010

Loading	General	CSI Summary	Deflection		L/	(loc)	Allowed
Load (psf)	Bldg Code : IBC 2003/	TC : 0.87 (1-2)	Vert TL:	0.21 in	L / 663	(3-1)	L / 240
TCLL: 40	TPI 1-2002	BC : 0.60 (3-1)	Vert LL:	0.02 in	L / 999	(3-1)	L / 360
TCDL: 7	Rep Mbr Increase :No	Web : 0.00 (1)	Horz TL:	0 in			
BCLL: 0	D.O.L. : 115 %						
BCDL: 10							

Reaction Summary

JT	Type	Brg Combo	Brg Width	Rqd Brg Width	Max React	Max Grav Uplift	Max MWFRS Uplift	Max C&C Uplift	Max Uplift	Max Horiz
4	Pin (Wall)	1	3.313 in	1.50 in	698 lbs	-	-147 lbs	-441 lbs	-441 lbs	668 lbs
5	Pin (Wall)	1	3.313 in	1.50 in	698 lbs	-	-147 lbs	-441 lbs	-441 lbs	668 lbs

Material Summary

TC SPF #2 2 x 4
BC SPF #2 2 x 4
Webs

Bracing Summary

TC Bracing: Sheathed or Purlins at 3-5-0, Purlin design by Others.
BC Bracing: Sheathed or Purlins at 5-4-0, Purlin design by Others.

Loads Summary

1) This truss has been designed for the effects of wind loads in accordance with ASCE7 - 02 with the following user defined input: 90 mph, Exposure C, Enclosed, Gable/Hip, Building Category II (I = 1.00), h=B=L=15 ft, End Zone Truss, Both end webs considered. DOL = 1.60
2) This truss has been designed for the effects of balanced and unbalanced snow loads for hips/gables in accordance with ASCE7 - 02 except as noted, with the following user defined input: 40 psf ground snow load. NOTE: Conservatively, all flat/sloped roof factors have been ignored and the ground snow load has been used for the roof snow load, DOL = 1.15. If the roof configuration differs from hip/gable, Building Designer shall verify snow loads.
3) This truss has been designed to account for the effects of ice dams forming at the eaves.
4) This truss has been designed for the effects of a 18.1 psf live load computed in accordance with IBC 2003 assuming slope = 5.92 /12 and area supported = 24 ft².
5) Minimum storage attic loading has been applied in accordance with IBC 1607.1

Member Forces Summary

Table indicates: Member ID, max C/SI, max axial force, (max compr. force if different from max axial force)

TC	1-1	0.847	-1,340 lbs	1-2	0.868	-869 lbs	2-3	0.868	-869 lbs	3-5	0.847	-1,340 lbs
BC	3-1	0.596	-1,171 lbs									
Webs												

Notes:

6) When this truss has been chosen for quality assurance inspection, the Effective Tooth Count Method per TPI 1-2002/A3.4 shall be used.
7) Brace bottom chord with approved sheathing.
8) Multiple pinned bearings exist.

UNIQUE BEARING CONDITIONS AT JOINTS 4 & 5 REQUIRE SPECIAL ATTENTION
THE BUILDING DESIGNER MUST ACCOUNT FOR NOT ONLY THE BEARING REACTION BUT FOR THE HORIZONTAL THRUST AND THE UPLIFT. PROVIDE MECHANICAL CONNECTION (BY OTHERS) TO RESIST SAID FORCES SHOWN HEREON. THRUST = 1180lb/TRUSS

Eagle Metal Products
2711 LBJ Freeway, Suite 160
Dallas, Texas 75234

Picture of Proposed Shed Location

Picture Of Proposed Shed Location

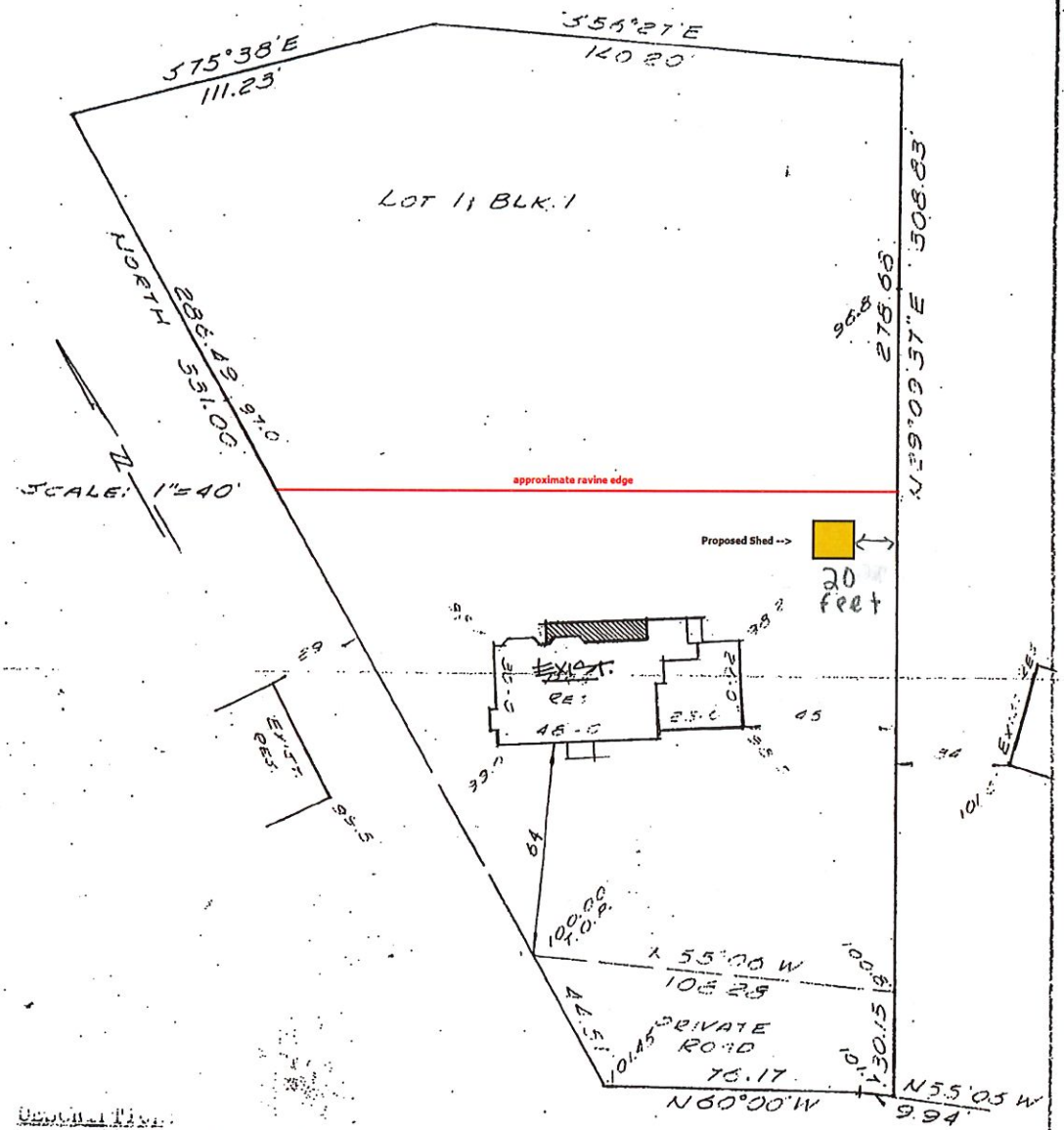
Picture of Proposed Shed Location

BAUDHUIN & ASSOCIATES

PROFESSIONAL ENGINEERS AND SURVEYORS

BOX 305 MENOMONEE FALLS, WISCONSIN PHONE 251-1260

PLAT OF SURVEY



Legal Description:

All of Lot 1, Blk 1, Bayside Estates, being a subdivision of Government Lot 1, in the S. 1/2 of the ... 1/4 of Sec. 4, T.7N., R.21E., in the Village of Bayside, Milwaukee County, Wisconsin.

STATE OF WISCONSIN } SS.
COUNTY OF WAUKESHA }

WE HEREBY CERTIFY THAT WE HAVE SURVEYED THE PROPERTY DESCRIBED ABOVE, AND THAT THE PLAT HEREON IS A TRUE REPRESENTATION THEREOF, AND CORRECTLY SHOWS THE EXTERIOR BOUNDARY LINES AND LOCATION OF BUILDINGS AND OTHER IMPROVEMENTS ON SAID PROPERTY AND THE CORRECT MEASUREMENTS THEREOF.

DATED THIS 9th DAY OF [illegible]

RESTAKED Aug. 30-67

SURVEYOR

JOB NO. 4365