



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com



Building Permit (Land Use) Application

DATE: 6/12/2020

PERMIT # 2020-07-013

PROJECT ADDRESS 4313 Kandra Court, Belle Isle, FL 32809 32812

PROPERTY OWNER Alfred & Melonze Moore PHONE 407-851-7854 VALUE OF WORK (labor & material) \$ 2,400

PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS

Build additional shed in the back yard

Please provide information, if applicable.

- **SINGLE FAMILY RESIDENCE:** 8.5"x11" Plat Survey, Plot Plan of Home and Floor Plans of New Construction/Revision Required
- **BOAT DOCK:** DEP Clearance Required with Application (Call 407-897-4100); please provide a copy of their report
- **SEPTIC SYSTEM (RESIDENTIAL):** - Provide verification of OC Health Dept approval for on-site septic tank system, per FAC Chap. 64E-6
- Homeowners will be required to have a contractor on record for homes that are rented and/or not homestead

Please Complete for the City of Belle Isle Zoning Review: Parcel Id Number: _____

To obtain this information, please visit <http://www.ocpafl.org/Searches/ParcelSearch.aspx>

SPECIAL CONDITIONS: STRUCTURES MAY NOT ENCR OACH INTO ANY EASEMENT OR REQUIRED SETBACK. Survey specific foundation plan required to show compliance with zoning setbacks. Note: this Zoning Approval MAY or MAY NOT be in conflict with your Deed Restrictions. For New Single Family Residence, a Traffic Impact Fee and School Impact will be assessed.

Wind Exposure Category: B ___ C ___ D ___

PLANNING & ZONING APPROVAL: _____

DATE _____

PLEASE COMPLETE for Building Review (min. of 2 sets of signed/sealed plans required)

CONSTRUCTION TYPE _____

OCCUPANCY GROUP _____ Comm _____ Res: _____ Single Fam _____ Multi Fam _____

#BLDG. _____ #UNITS _____ #STORIES _____ TOTAL SQ. FT. _____

MAX. FLOOR LOAD _____ MAX. OCCUPANCY _____

MIN. FLOOD ELEV. _____ LOW FLOOR ELEV. _____

WATER SERVICE _____ WELL _____ SEPTIC _____

BUILDING REVIEWER _____ DATE _____

VERIFIED CONTRACTOR'S LICENSE & INSURANCE ARE ON FILE _____ DATE _____

Per FSS 105.3.3:

An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies."

Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste, and commercial garbage and construction debris collection and disposal services with the city limits of the City. Contractors, homeowners and commercial businesses may contact Republic Services at 407-293-8000 to setup accounts for Commercial, Construction Roll Off, or other services needed. Rates are fixed by contract and are available at City Hall or from Republic Services. The City enforces the contract through its code enforcement office. Failure to comply will result in a stop work order.

SEPARATE PERMITS ARE REQUIRED FOR ROOFING, ELECTRICAL, PLUMBING, GAS, MECHANICAL, SIGNS, POOLS, ENCLOSURES, ETC.

SPRINKLERS REQ'D	Y	N	
If Required - SUBMIT COPY OF PLANS FOR FIRE REVIEW			Date: Sent _____ RCD _____
ZONING	Y	N	\$ 30.00
CERT OF OCC	Y	N	\$
TRAFFIC	Y	N	\$
SCHOOL	Y	N	\$
FIRE	Y	N	\$
SWIMMING POOL	Y	N	\$
SCREEN ENCLOSURE	Y	N	\$
ROOFING	Y	N	\$
BOAT DOCK	Y	N	\$
BUILDING	Y	N	\$
WINDOW(S)	Y	N	\$
DOOR(S)	Y	N	\$
FENCE	Y	N	\$ 49.50
SHED	Y	N	\$
DRIVEWAY	Y	N	\$
OTHER	Y	N	\$
1% BCAIB FEE			2 min
1.5% DCA FEE			2 min
TOTAL			83.50
OTHER PERMITS REQUIRED:			
ELECTRICAL	Y	NA	
PREPOWER	Y	NA	
MECHANICAL	Y	NA	
PLUMBING	Y	NA	
ROOFING	Y	NA	
GAS	Y	NA	

1511K
2x4
25
P
33.2
16.50
49.50



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RECEIVED
 JUL 06 2020

Building Permit (Land Use) Application
 To be completed as required by State Statute Section 713 and other applicable sections.

Owner's Name Alfred & Melanese Moore PERMIT # _____
 Owner's Address 4313 Kandra Ct Belle Isle FL 32812

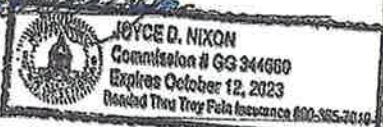
Contractor Name	<u>Owner</u>	Company Name	<u>By owner</u>
License #		Company Address	
Contact Phone/Cell	<u>407-851-7854</u>	City, State, ZIP	
Contact Email		Contact Fax	

WARNING TO OWNER: Your failure to record a Notice of Commencement may result in your paying twice for improvements to your property. A notice of commencement must be recorded if job is \$2500(+) or if A/C Replacement \$7500(+) and posted on the job site before the first inspection. If you intend to obtain financing, consult with your lender or an attorney before recording your Notice of Commencement.

I hereby make Application for Permit as outlined above, and if same is granted I agree to conform to all Division of Building Safety Regulations (www.floridabuilding.org) and City Ordinances (www.municode.com) regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable City and/or State of Florida codes and/or ordinances. Application is hereby made to obtain a permit to do the work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for all other construction including ROOFING, ELECTRICAL, MECHANICAL, PLUMBING, GAS, SIGNS, POOLS, SCREEN ENCLOSURES, ETC.

OWNER'S AFFIDAVIT: I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and zoning.

Owner Signature Alfred J. Moore
 The foregoing instrument was acknowledged before me this 6/29/20
 by Alfred J. Moore who is personally known to me
 and who produced _____
 as identification and who did not take an oath.
 Notary as to Owner
 State of Florida
 County of Orange



Contractor Signature _____
 COMPANY NAME _____
 The foregoing instrument was acknowledged before me this _____
 by _____ who is personally known to me
 and who produced _____
 as identification and who did not take an oath.
 Notary as to Owner
 State of Florida
 County of Orange

Impervious Surface Ratio Worksheet
 Development Zoned A-1, A-2, R-1-AAA, R-1-AA, R-1-A, R-1 per
 City Code, Section 50-74: Impervious Surface Ratio

- Total Lot Area (sqft) X 0.35 = Allowable Impervious Area (BASE).
 Total Lot Area 10,261 X 0.35 =
 Allowable Impervious Area (BASE) 3570.35
- Calculate the "proposed" impervious area on the lot. This includes the sum of all areas that do not allow direct percolation of rainwater. Examples include house, pool, deck, driveway, accessory building, etc.
 - House 3070
 - Driveway 688
 - Walkway 60
 - Accessory Buildings 96
 - Pool & Spa N/A
 - Deck & Patio N/A
 - Other _____

Actual Impervious Area (AIA) 3814

- If AIA is less than BASE, subtract AIA from BASE to determine the amount of impervious area that may be added without providing onsite retention.
- If AIA is greater than BASE, then onsite retention must be provided.

Assuming 7.5 inches of rainfall based on a 24hr 10 year Rain Event (TP40), the formula is: (7.5 inches rainfall/12 inches p/foot) X (result from line 4) = cubic feet of storage volume needed



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OWNER BUILDER DISCLOSURE STATEMENT

Per Florida Statue 455.228:

**Homeowners hiring unlicensed Contractors may be
subject a fine of up to \$5,000.00!**

Before me this day personally appeared Alfred J. Moore, who being duly sworn, deposes, and says as follows. "I hereby acknowledge that I have read and fully understand the individual provisions of this instrument."

1. I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license AGM Initial
2. I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility. AGM Initial
3. I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed in Florida and to list his or her license numbers on permits and contracts. AGM Initial
4. I understand that I may build or improve a one-family or two-family residence or a farm outbuilding. I may also build or improve a commercial building if the costs do not exceed \$75,000.00. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease. If a building or residence that I have built or substantially improved myself is sold or leased within 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption. AGM Initial
5. I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction. Initial
6. I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance. AGM Initial
7. I understand that it is a frequent practice of unlicensed persons to have the property owner obtain an owner-builder permit, that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property. AGM Initial
8. I understand that I may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on my building who is not licensed must work under my direct supervision and must be employed by me, which means that I must comply with laws requiring the withholding of federal income tax and social security contributions under the Federal Insurance Contributions Act (FICA) and must provide workers' compensation for the employee. I understand that my failure to follow these laws may subject me to serious financial risk. AGM Initial
9. I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern owner-builders as well as employers. I also understand that the construction must comply with all applicable laws, ordinances, building codes, and zoning regulations. AGM Initial
10. I understand that I may obtain more information regarding my obligations as an employer from the Internal Revenue Service, the United States Small Business Administration, the Florida Department of Financial Services, and the Florida Department of Revenue. I also understand that I may contact the Florida Construction Industry Licensing Board at (850)487-1395 or www.Call.Center@dbpr.state.fl.us for more information about licensed contractors. AGM Initial

~~INCOMPLETE~~

Owner Builder Disclosure Statement

11. I am aware of, and consent to, an owner-builder building permit applied for in my name and understand that I am the party legally and financially responsible for the proposed construction activity at the following address:

Project Address: 4313 Kanika Ct, Belle Isle Fl AM Initial

12. I agree to notify the City of Belle Isle Building/Zoning Department immediately of any additions, deletions, or changes to any of the information that I have provided on this disclosure. AM Initial

13. FBC 105.3.6 requires asbestos abatement to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own asbestos abatement contractor even though you do not have a license. You must supervise the construction yourself. You may move, remove or dispose of asbestos-containing materials on a residential building where you occupy the building and the building is not for sale or lease, or the building is a farm outbuilding on your property. If you sell or lease such building within 1 year after the asbestos abatement is complete, the law will presume that you intended to sell or lease the property at the time the work was done, which is a violation of this exemption. You may not hire an unlicensed person as your contractor. Your work must be done according to all local, state and federal laws and regulations which apply to asbestos abatement projects. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. AM Initial

Licensed contractors are regulated by laws designed to protect the public. If you contract with a person who does not have a license, the Construction Industry Licensing Board and Department of Business and Professional Regulation may be unable to assist you with financial loss that you sustain as a result of a complaint. Your only remedy against an unlicensed contractor may be in civil court. It is also important for you to understand that, if any unlicensed contractor or employee of an individual or firm is injured while working on your property, you may be held liable for damages. If you obtain an owner-builder permit and wish to hire a licensed contractor, you will be responsible for verifying whether the contractor is properly licensed and the status of the contractor's workers' compensation coverage.

Before a building permit can be issued, this disclosure statement must be completed and signed by the property owner and returned to the local permitting agency responsible for issuing the permit. A copy of the property owner's driver license, the notarized signature of the property owner, or other type of verification acceptable to the local permitting agency is required when the permit is issued.

Signature: Alfred J. Moore
(Signature of the property owner)

Print: Alfred J. Moore
(Name of the property owner)

Signature: _____
(Signature of the property owner)

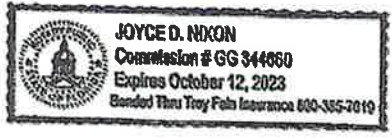
Print: _____
(Name of the property owner)

Owner's Address: 4313 Kanika Ct Belle Isle Fla 32812

The foregoing instrument was acknowledged before me this 6 1 19 1 20
 by Alfred J. Moore who is personally known to me / who produced the following
Driver's License as identification and who did not take an oath.

State of Florida / County of Duval

Notary Signature Joyce D. Nixon

Seal: 

Must be recorded

Record Notarized Document at OC Comptroller's Office - 109 E. Church Street, Suite 300, Orlando

Permit Number: _____
Folio/Parcel Identification Number: _____
Prepared by: _____
Return to: _____

not needed
< 2500.

NOTICE OF COMMENCEMENT

State of Florida, County of Orange
The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property (legal description of the property, and street address if available)
2. General description of improvement
3. Owner information or Lessee information if the Lessee contracted for the improvement
Name Alfred + Melonze Moore
Address 4313 Kandra Court Belle Isle Fla 32812
Interest in Property Owners
Name and address of fee simple titleholder (if different from Owner listed above)
Name Alfred + Melonze Moore
Address 4313 Kandra Court Belle Isle, FL 32812
4. Contractor
Name OWNER Telephone Number 407-851-7854
Address _____
5. Surety (if applicable, a copy of the payment bond is attached)
Name NONE Telephone Number _____
Address _____ Amount of Bond \$ _____
6. Lender
Name NONE Telephone Number _____
Address _____
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by §713.13(1)(a)7, Florida Statutes
Name NONE Telephone Number _____
Address _____
8. In addition to himself or herself, Owner designates the following to receive a copy of the Lienor's Notice as provided in §713.13(1)(b), Florida Statutes.
Name NONE Telephone Number _____
Address _____
9. Expiration date of notice of commencement (the expiration date may not be before the completion of construction and final payment to the contractor, but will be 1 year from the date of recording unless a different date is specified) 6/30/2021

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Under penalty of perjury, I declare that I have read the foregoing notice of commencement and that the facts stated in it are true to the best of my knowledge and belief.

Alfred J. Moore Signature of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager
Owner Signatory's Title/Office

The foregoing instrument was acknowledged before me this 19th day of June by Alfred J. Moore
month/year name of person

as _____ for _____
Type of authority, e.g., officer, trustee, attorney in fact Name of party on behalf of whom instrument was executed

Joyce D. Nixon Signature of Notary Public - State of Florida
Print, type, or stamp commissioned name of Notary Public

Personally Known OR 

10'x12' Barn Shed Plans

Written by John Shank
Owner of Shedking



Included in this package:

10'x12' Barn Shed Plans

Materials list:

Please download here:

<https://www.shedking.net/support-files/10x12bs-materials-8-2018.pdf>

Barn Shed Building Guide:

Please download here:

<https://www.shedking.net/support-files/barnbuildingguide.pdf>

Interactive 3d Model:

<https://skfb.ly/6ARRY>

I sincerely want to thank you for purchasing these barn plans! My hope is that you thoroughly enjoy building this neat barn and that it brings you a lot of joy and satisfaction in the years to come. My door ([email door](#)) is always open to you in case you have any questions or problems with the construction of this barn.

I have tried to assemble and write these plans so as to make your building process as easy as possible.

Please take pictures of your building process if you don't mind and email me the pictures. I love to see customers home built barns and sheds.

Thanks again. As always, have fun, and please be carefull

4313 Kandrockt.

Disclaimer

I strongly advise submitting these shed plans to your local building inspector to obtain a permit. I am not a professional architect nor am I a structural engineer. Getting the approval and advise from your local building inspector prior to building this shed will greatly increase the chances that your structure will be deemed a safe structure for the owner/ and or other users of the shed. I do not currently have live and dead load design criteria for the roof and floor systems.

Please do not purchase materials or attempt to build this shed project unless you have studied the information provided thoroughly, and have verified all dimensions and material requirements for yourself.

Also verify that the plans conform to local building codes and practices. Although every effort has been made to ensure the accuracy of the information and design, the user is ultimately responsible for the use of this information. All information provided is copyrighted and cannot be duplicated without the permission of Shedking.

You, the plan buyer and builder, assume all risks and responsibilities associated with building this shed/barn and hold harmless John Shank, shedking.net from any misconceptions or misunderstandings about anything construed or implied in these plans.

Disclaimer

Printing Instructions:

These plans are done up on 11x17 size format. To print them out on 8.5"x11" paper set your printer option to 'size to fit' or other similar option.

The file can be taken to a local printer such as staples or office depot where they can print the plans on the actual 11x17 size paper.

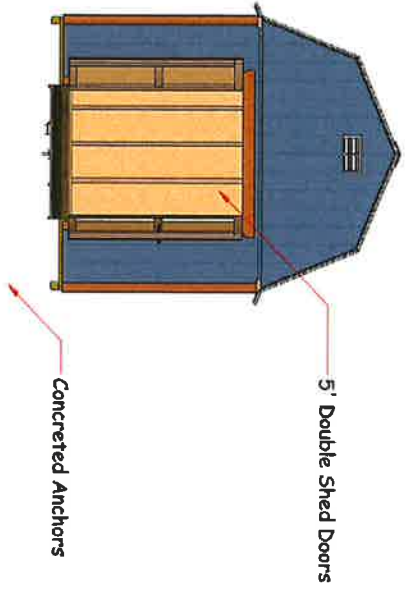
True scale shown on plans can only be obtained by printing the plans at 11x17 size paper.



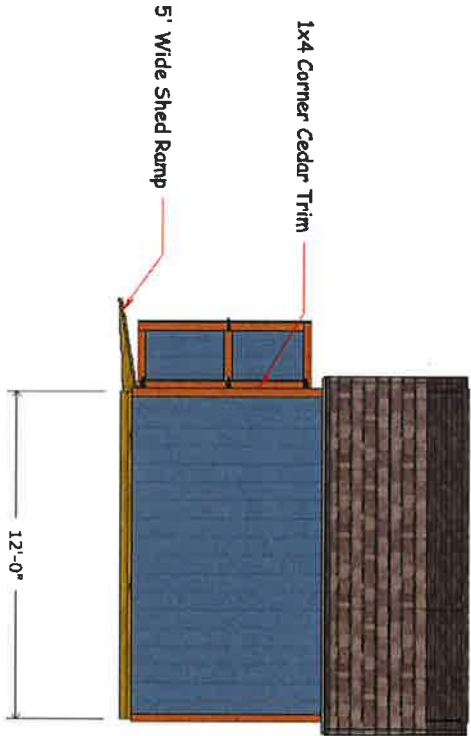
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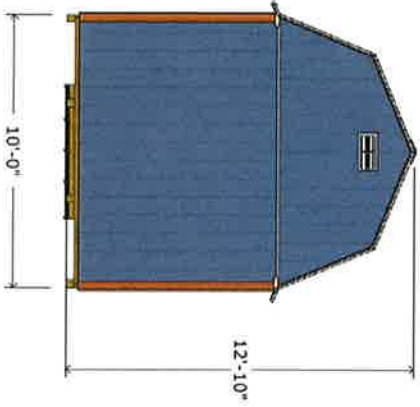




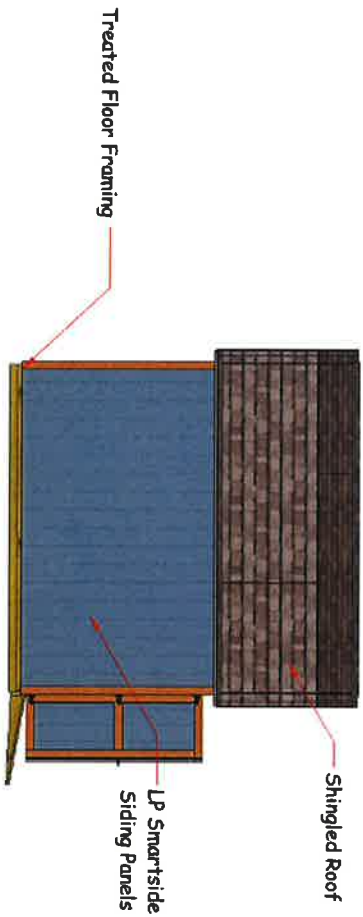
Front Elevation



Right Elevation



Back Elevation



Left Elevation

Elevation Views



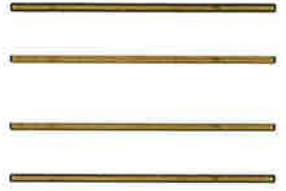
shedking.net

10x12 Barn Shed Plans

Drawn by John Shank
shedking@gmail.com

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April 15, 2020

*Note: This is a different size shed than your plans, but the sequence is the same



LAY SKIDS OUT



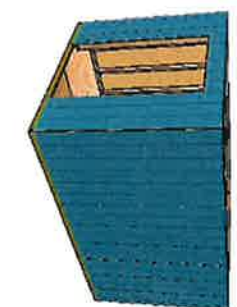
FRAME FLOOR



SHEET FLOOR



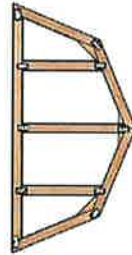
FRAME WALLS



SIDE WALLS



BUILD TRUSSES



BUILD END TRUSSES



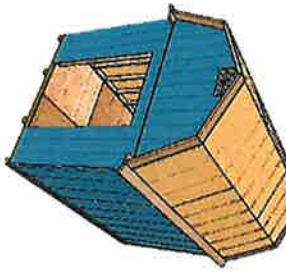
FRAME ROOF



BUILD JOIST



SHEET ROOF, UPPER
END SIDING



ADD FLY RAFTERS AND
SIDE OVERHANGS



DRIP EDGE, FELT PAPER
SHINGLES



CORNER TRIM



BUILD DOORS



BUILD RAMP

Building Sequence

Scale: Not to scale

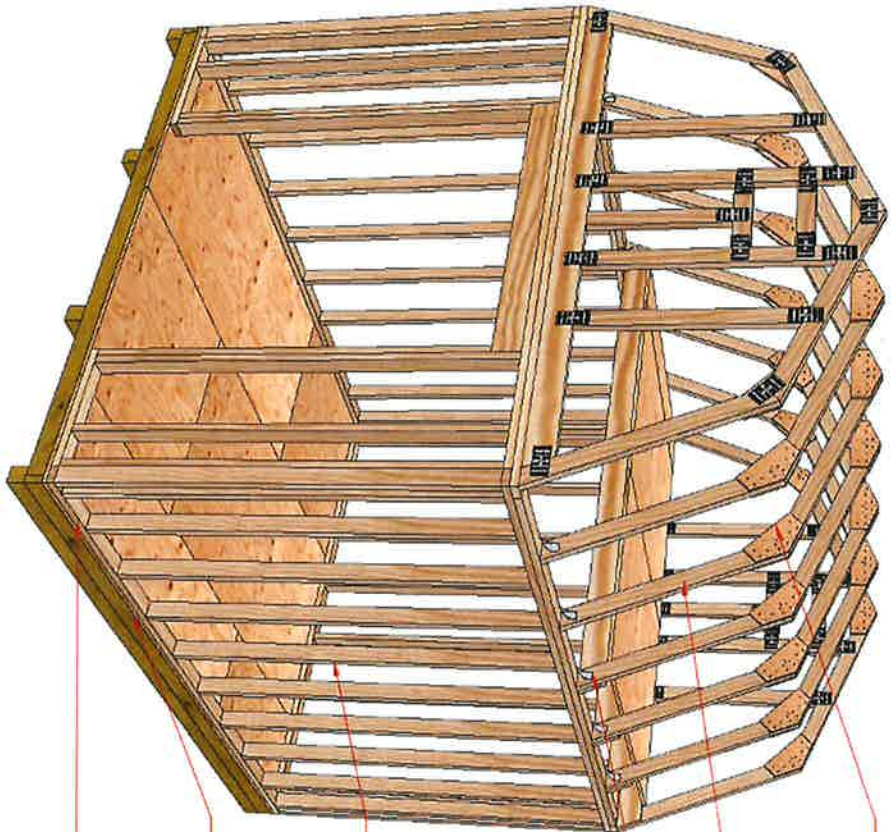
10x12 Barn Shed Plans

Drawn by John Shank
shedking@gmail.com

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2X4 GABLE END TRUSS

2X4 INTERIOR TRUSSES

OPTIONAL 2X6 LOFT
FLOOR JOISTS

2X4 WALL FRAMING

TREATED 2X6 FLOOR
FRAMING

TREATED 4X4 SUPPORT SKIDS

Scale: Not to scale

Isometric Framing View



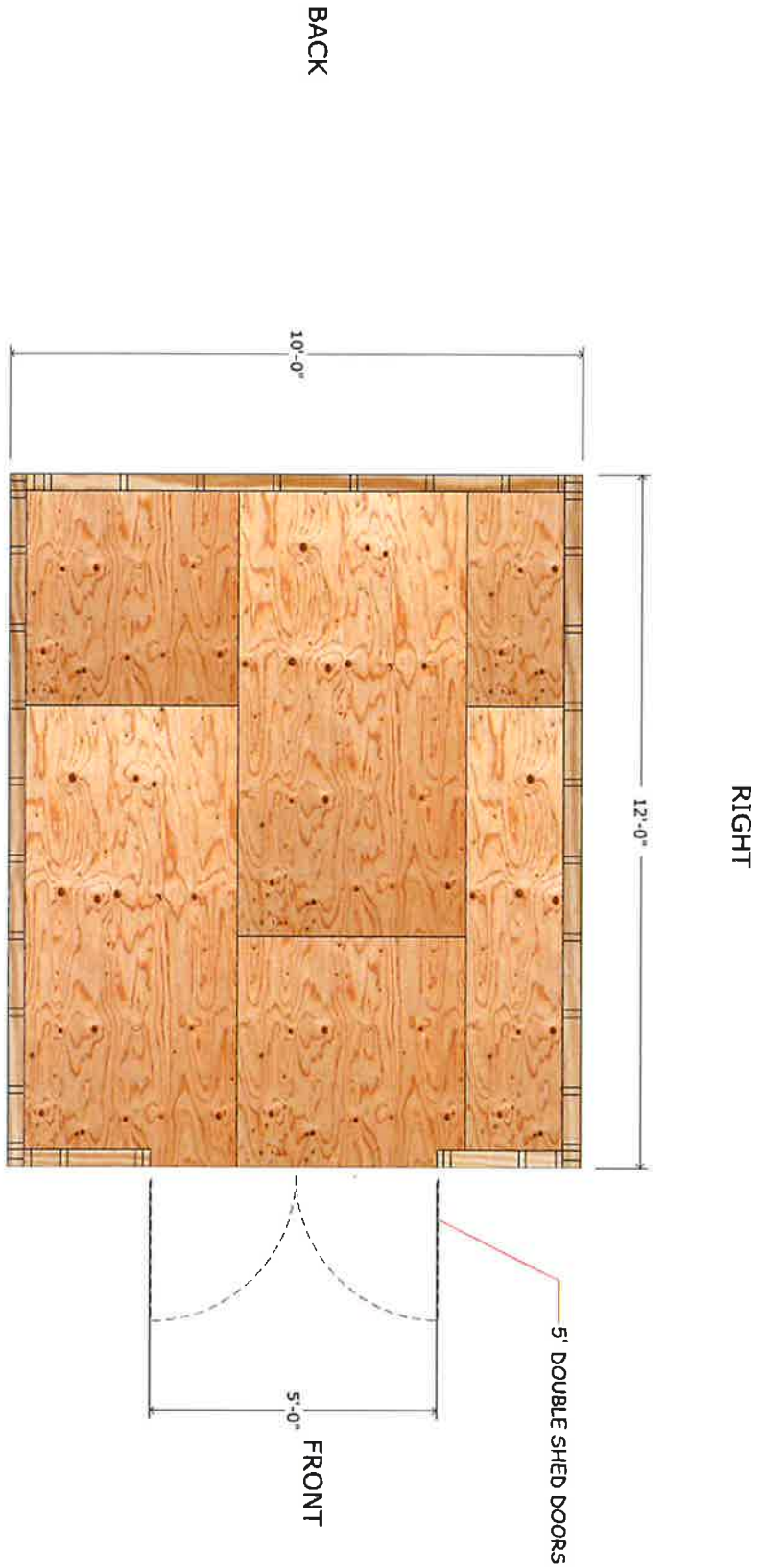
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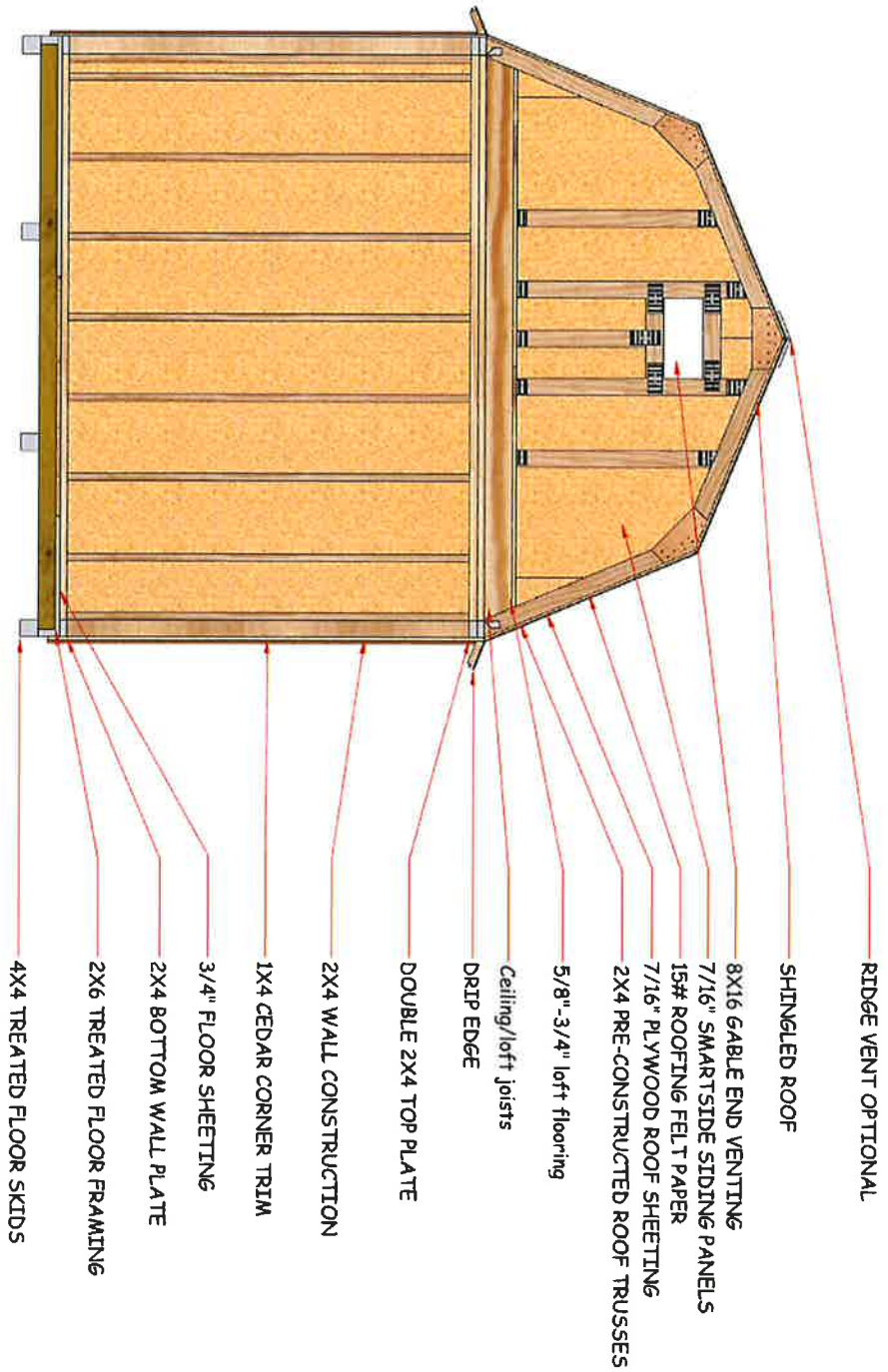
April 15, 2020



Floor Plan

10x12 Barn Shed Plans





Building Section

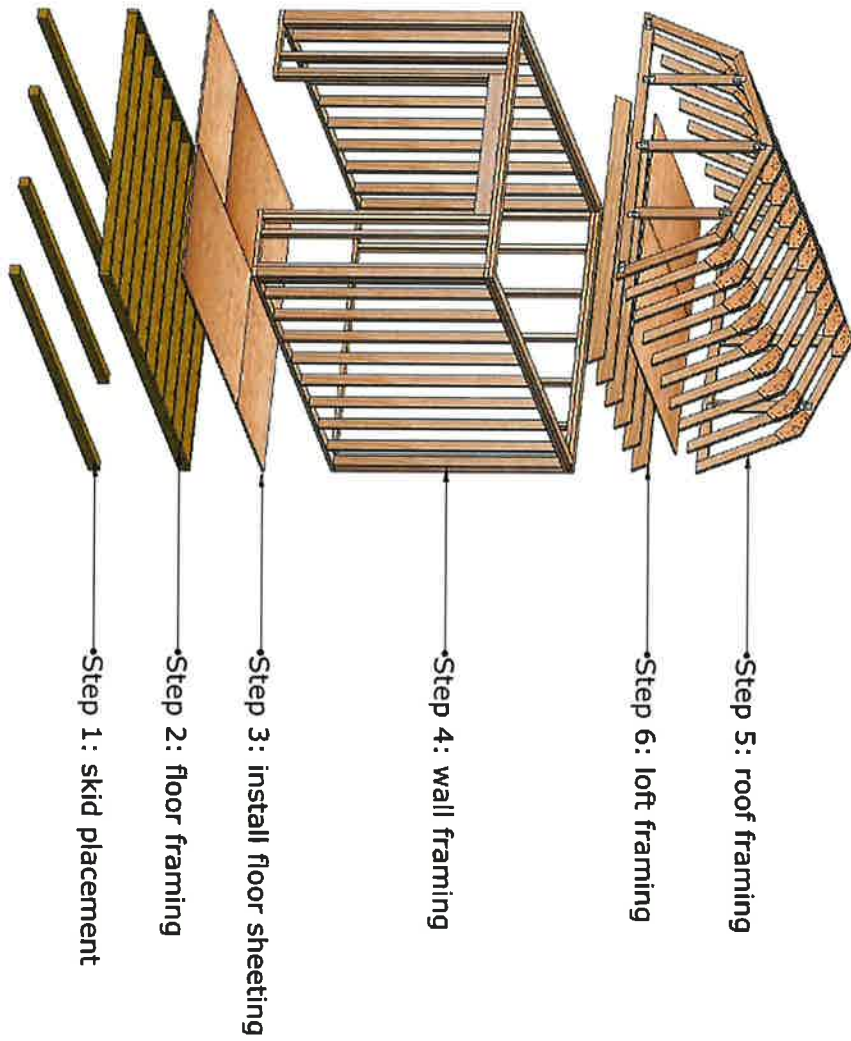
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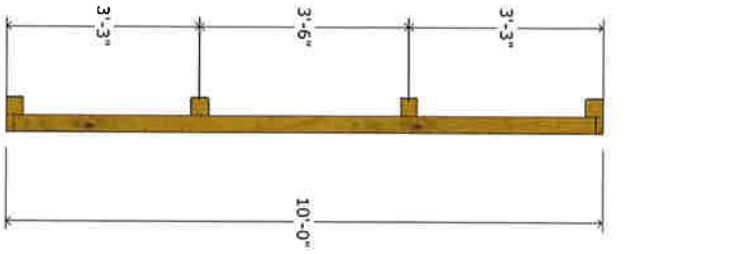
shedding.net



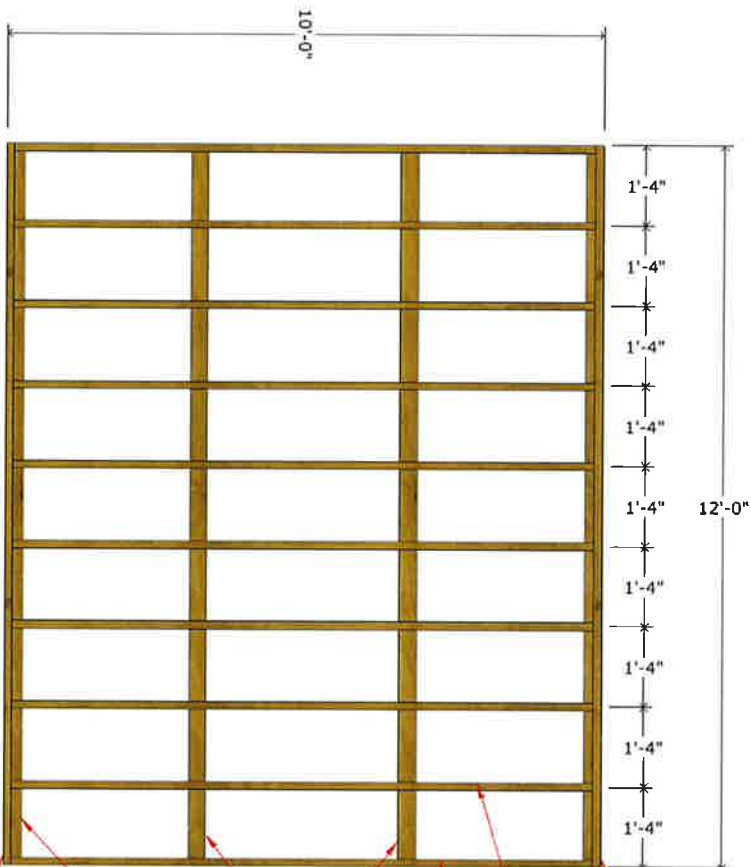


Scale: Not to scale

Framing Steps



END VIEW



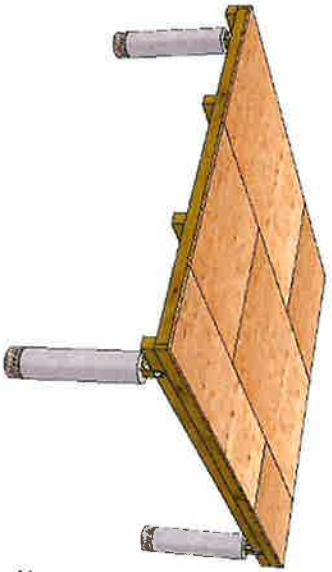
TOP VIEW

- 2x4 TREATED BAND BOARD
- 2x4 TREATED INTERIOR FLOOR JOISTS
- 2x4 TREATED RIM JOIST
- 4x4 TREATED SKID
- 4x4 TREATED SKID
- 2x4 TREATED BAND BOARD

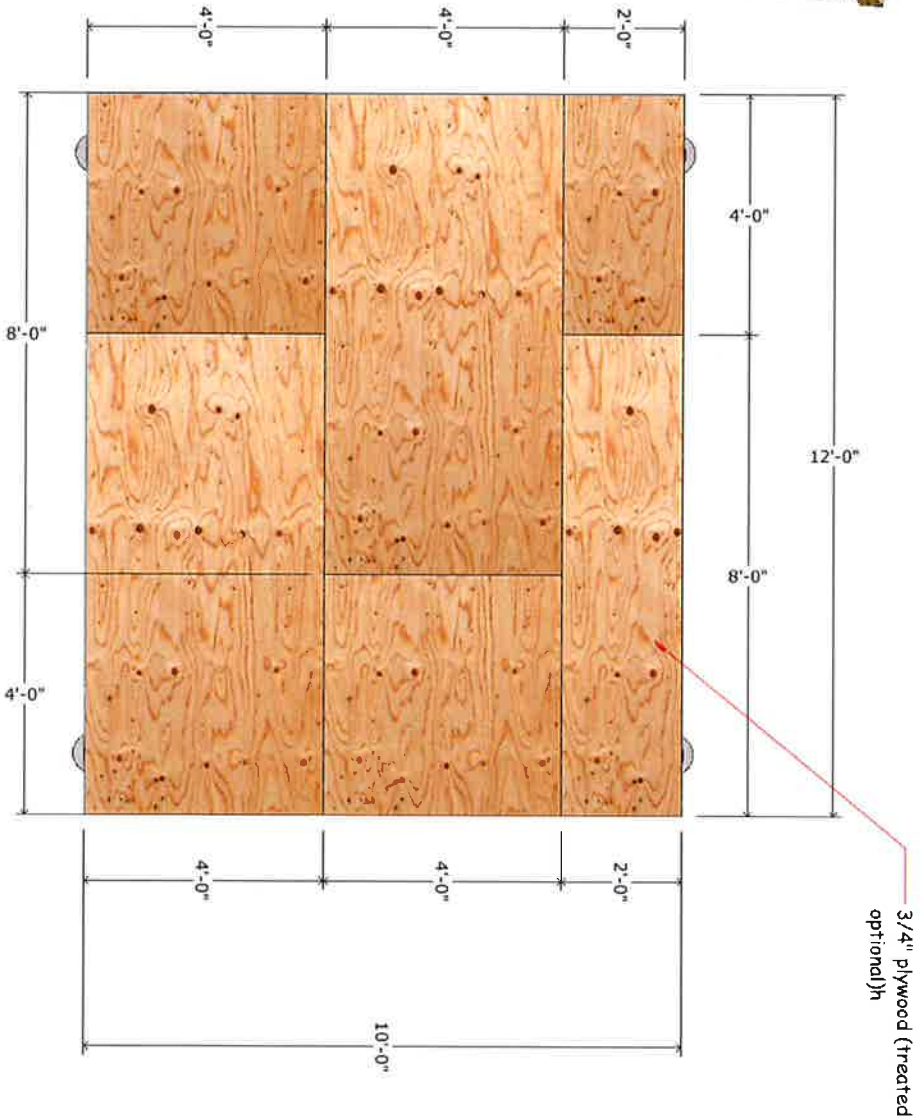
***NOTE: ALL FLOOR FRAMING IS DONE WITH PRESSURE TREATED LUMBER**

scale: 1/2"=1'

Floor Framing



Tip:
 Before building and adding wall framing, you can use this floor surface area to first build your roof trusses.



Floor Sheeting

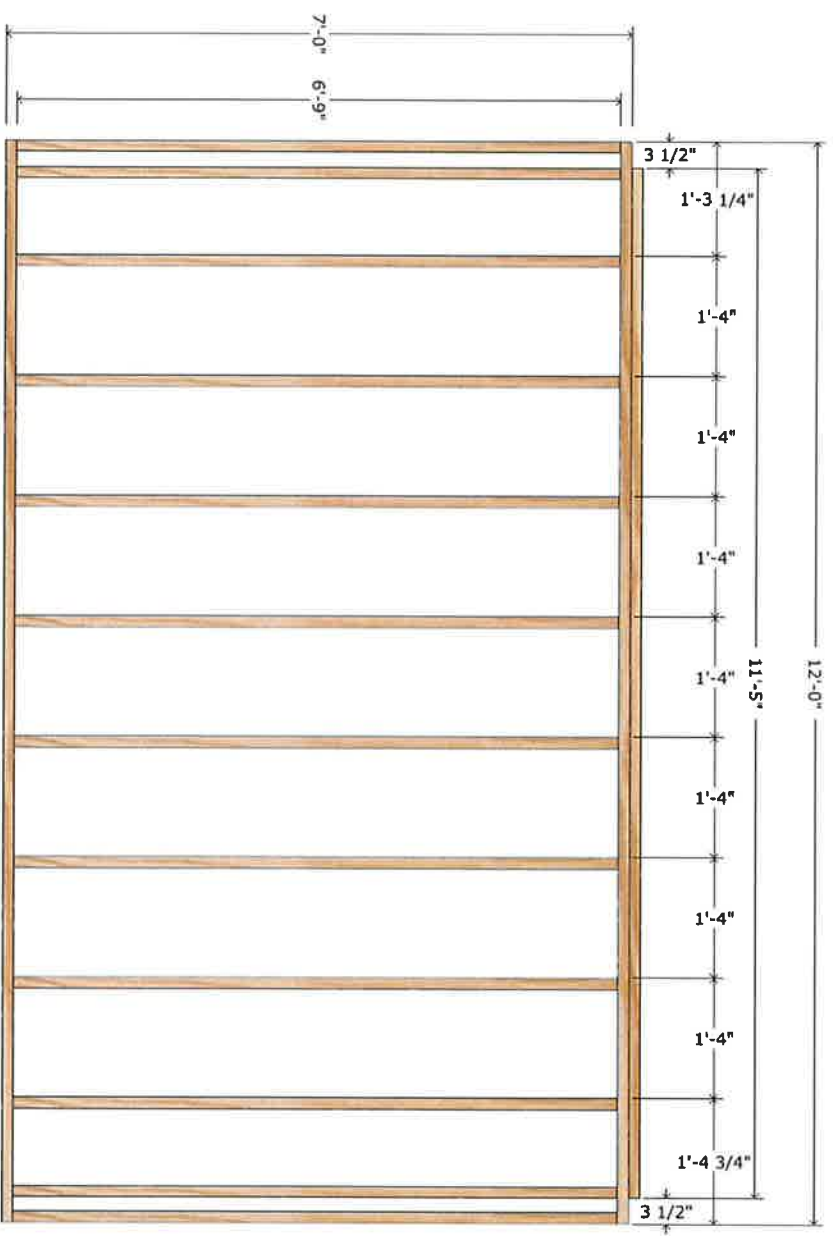
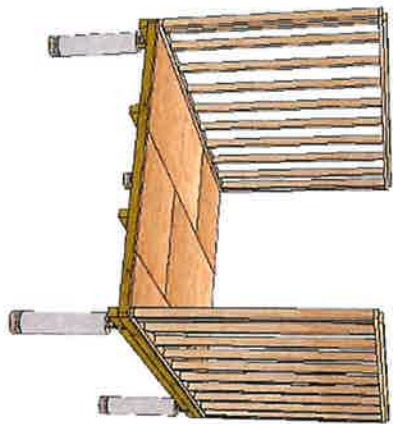


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10x12 Barn Shed Plans

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 shedking@gmail.com

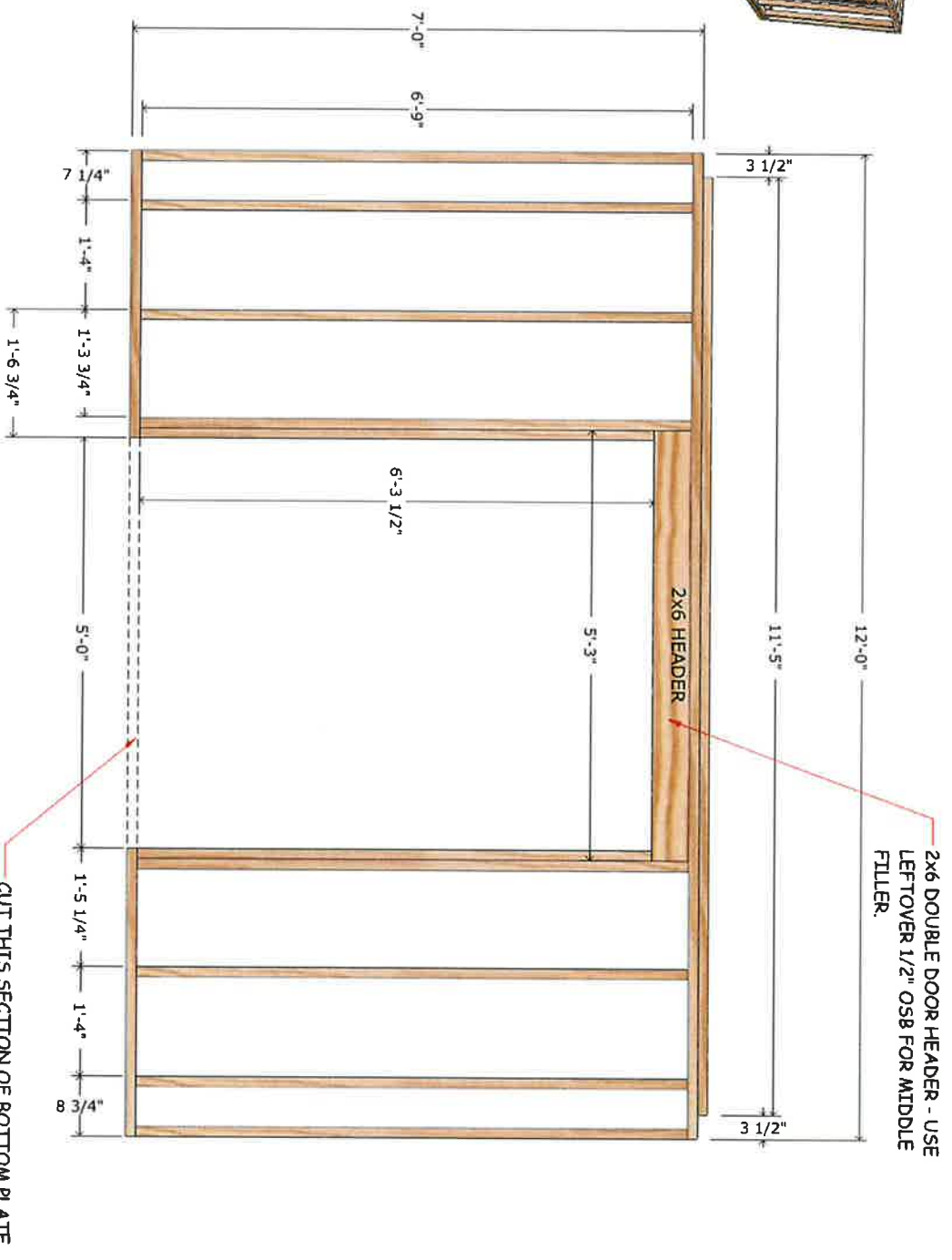
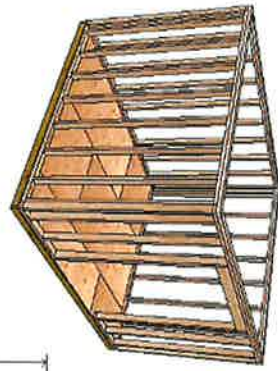
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 April 15, 2020



ALL FRAMING IS 2X4 CONSTRUCTION

scale: 3/4"=1'

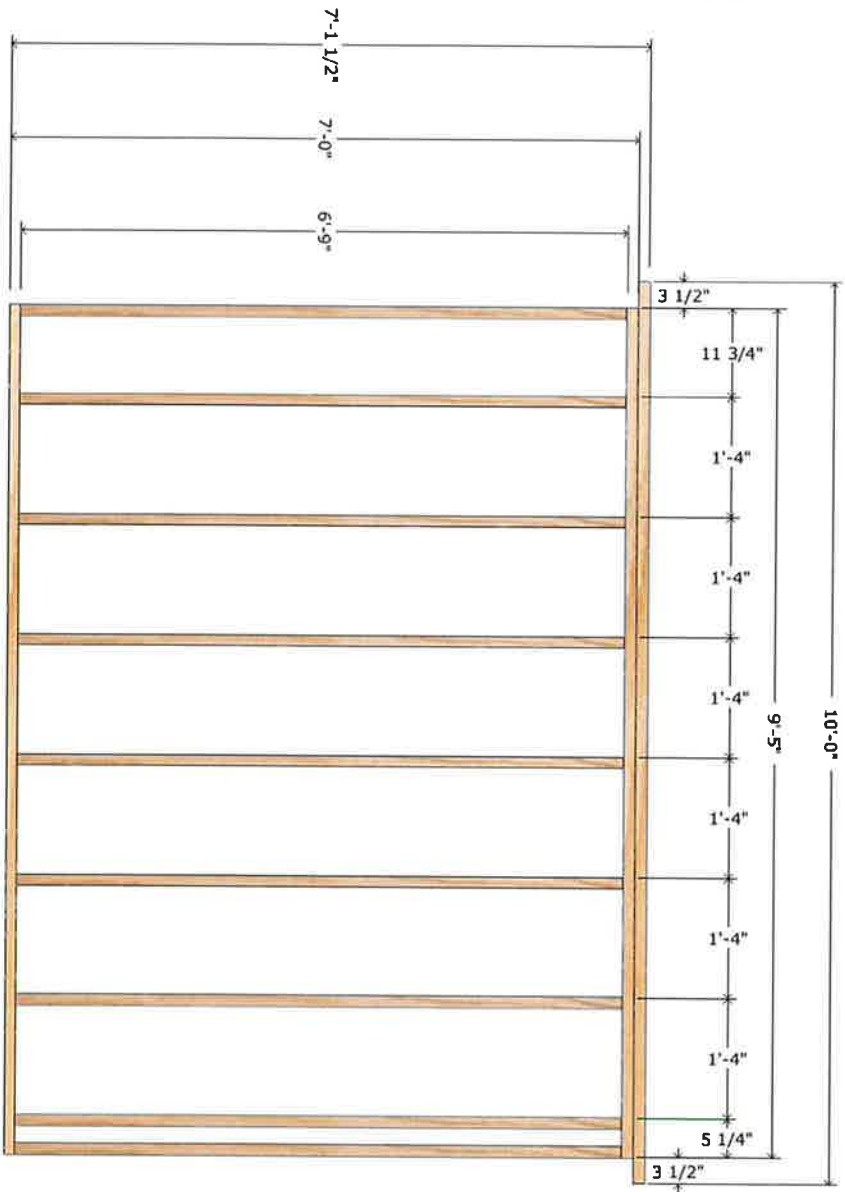
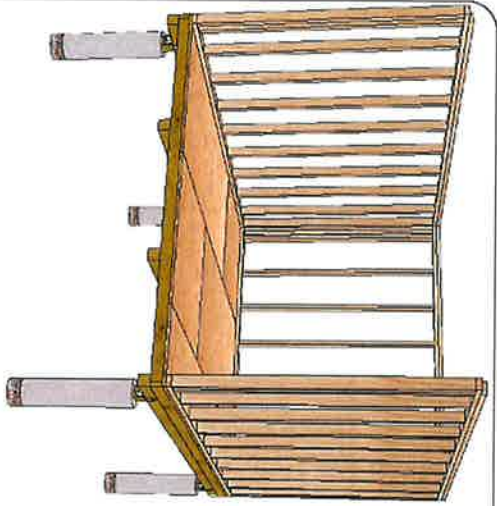
Right and Left Wall Framing



2x6 DOUBLE DOOR HEADER - USE LEFTOVER 1/2" OSB FOR MIDDLE FILLER.

CUT THIS SECTION OF BOTTOM PLATE OUT AFTER WALL IS POSITIONED AND NAILED INTO PLACE. SO NOT NAIL IN THIS AREA.

Door On Long Wall

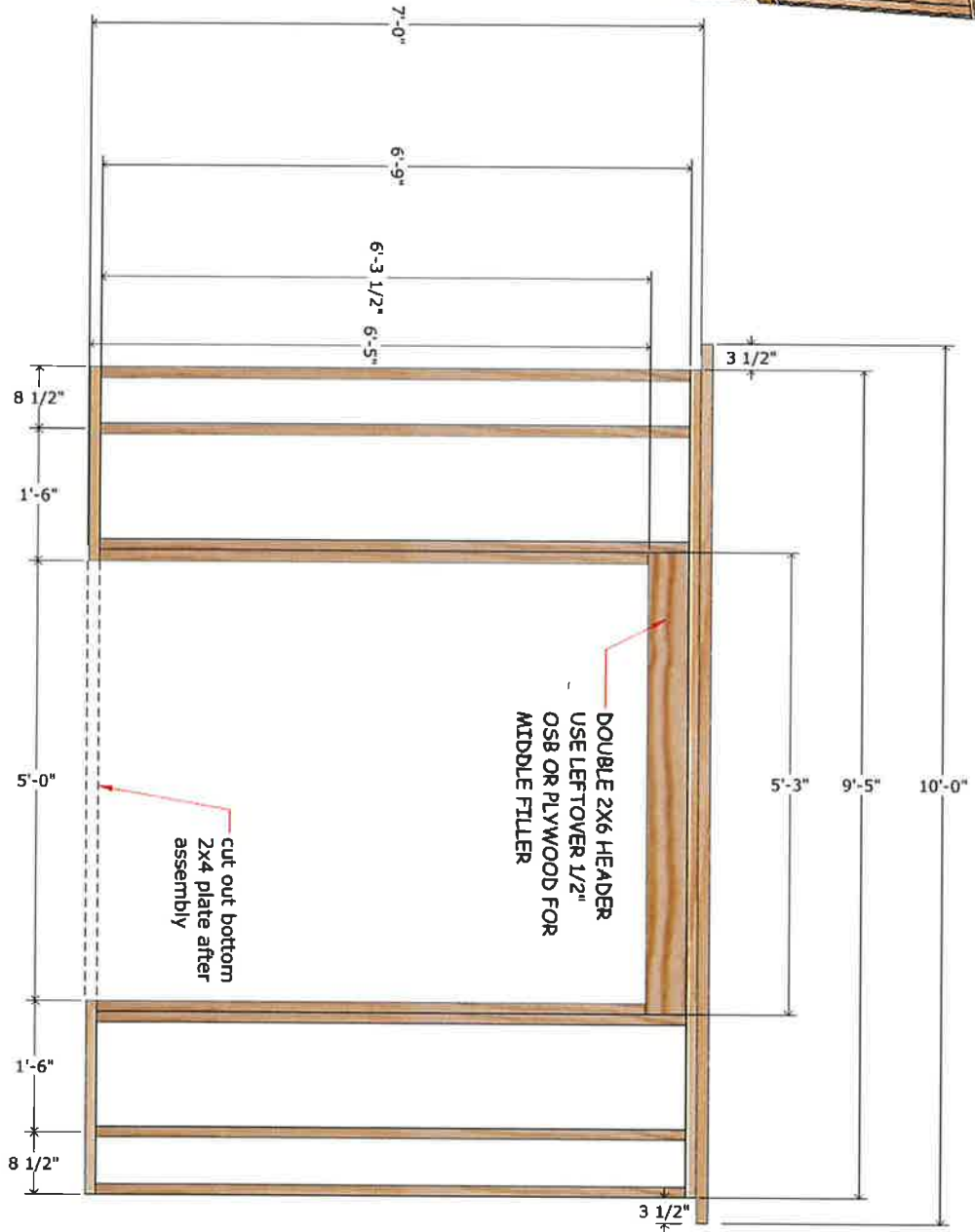
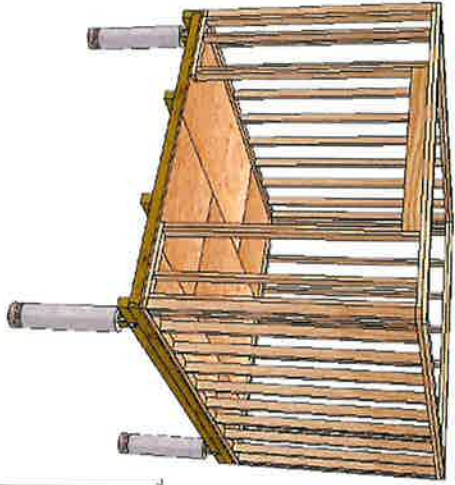


ALL FRAMING IS 2X4 CONSTRUCTION

scale: 3/4" = 1'

Back Wall Framing

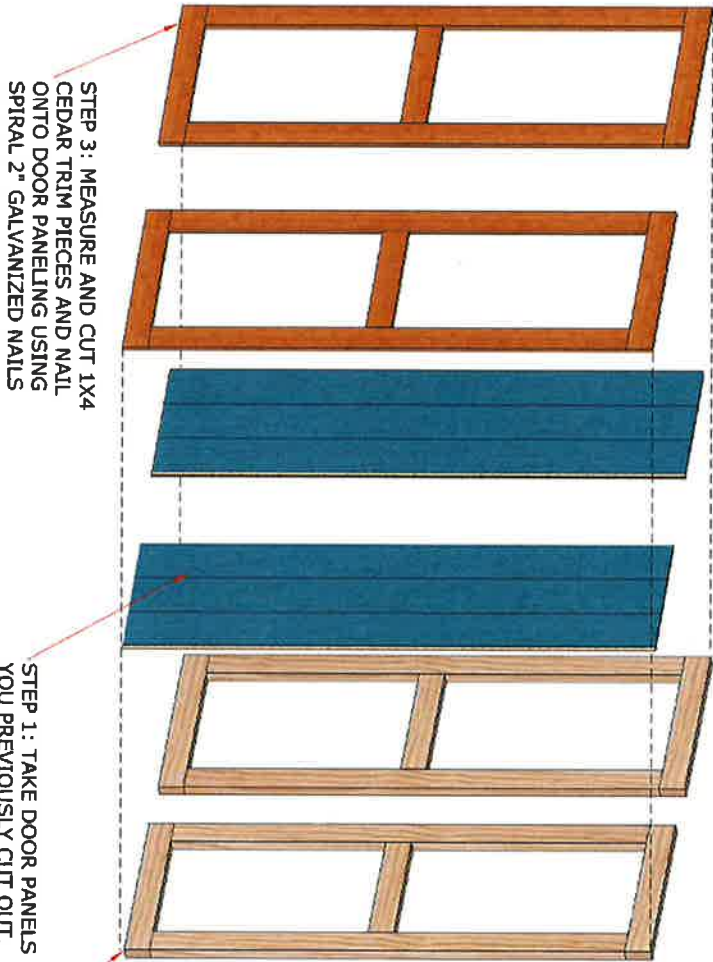




Front Wall Framing

scale: 3/4"=1'





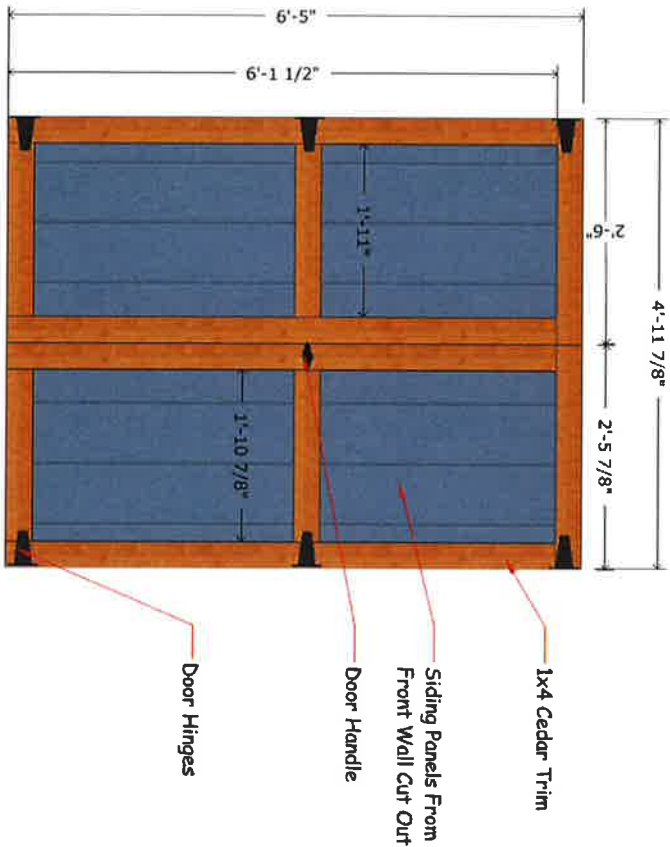
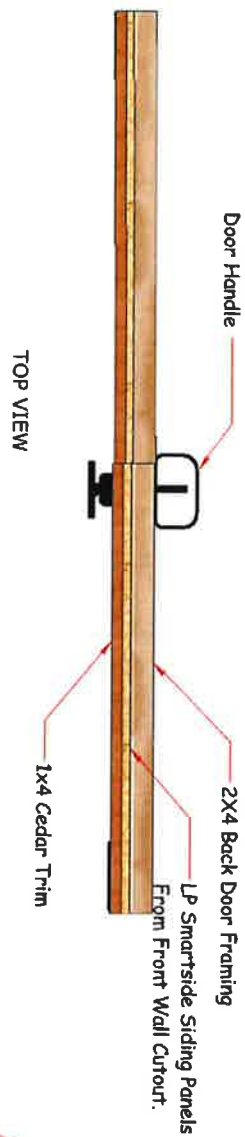
STEP 3: MEASURE AND CUT 1X4 CEDAR TRIM PIECES AND NAIL ONTO DOOR PANELING USING SPIRAL 2" GALVANIZED NAILS

STEP 1: TAKE DOOR PANELS YOU PREVIOUSLY CUT OUT.

STEP 2: MEASURE AND CUT BACK 2X4 BRACING. ATTACH DOOR PANELS TO THIS BRACING WITH 1/4"X1" GALVANIZED STAPLES USING AN AIR CROWN STAPLER

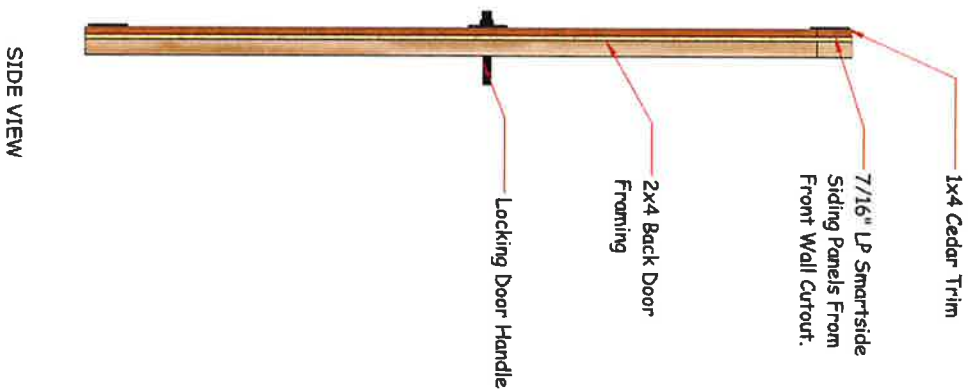
Scale: Not to scale

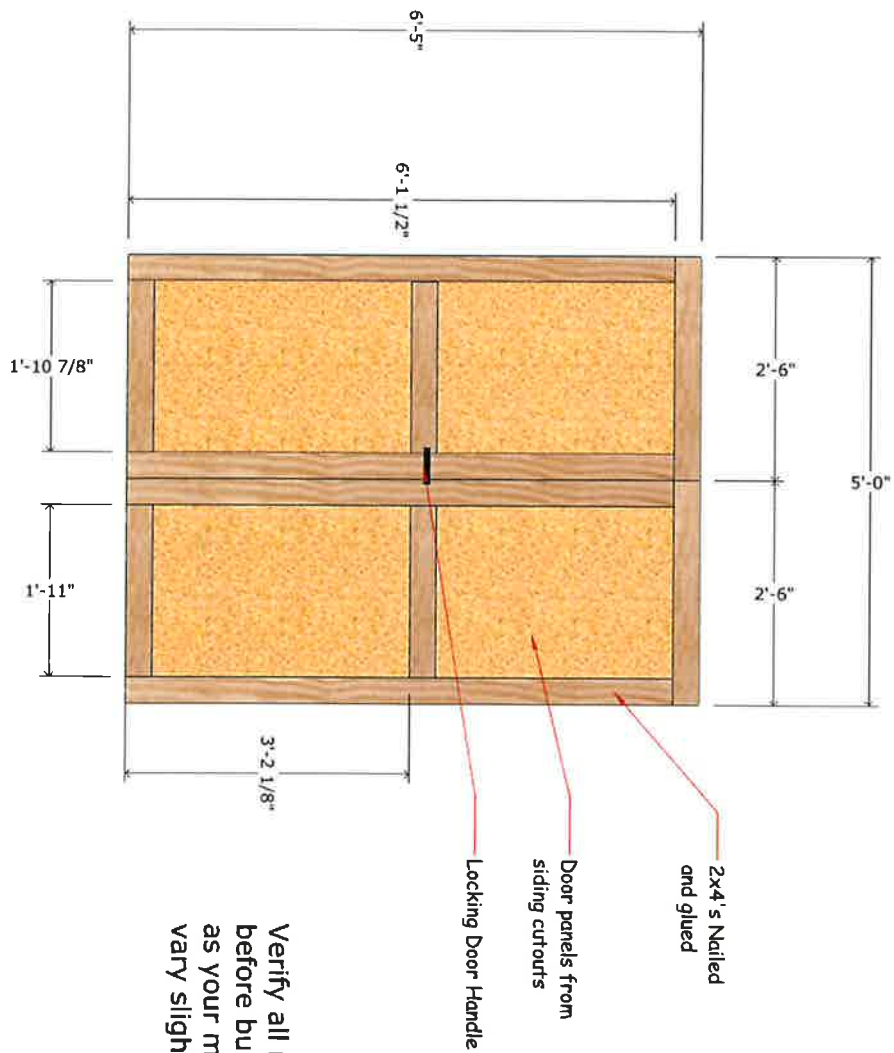
Door Construction



Note: Verify all measurements with your shed construction before making any cuts. Your dimensions may be different than those listed here.

Door Details Front





Verify all measurements before building the doors as your measurements may vary slightly from these.

Door Details Back

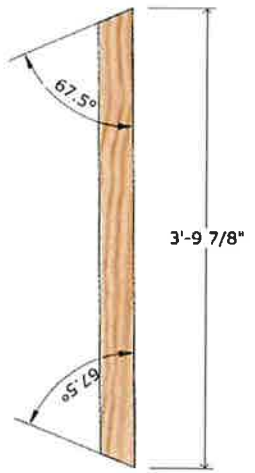
10x12 Barn Shed Plans

Drawn by John Shank
shedking@gmail.com

© 2018 Shedding, LLC
April 15, 2020

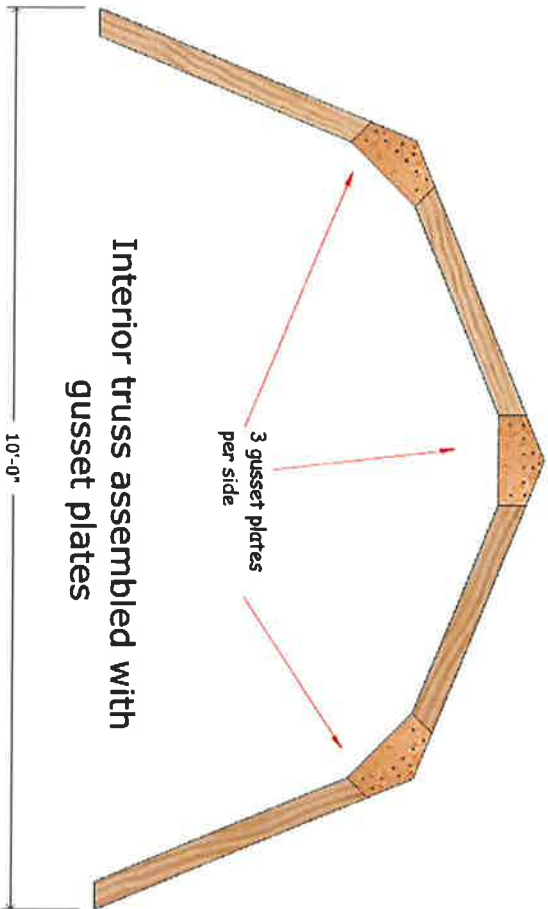
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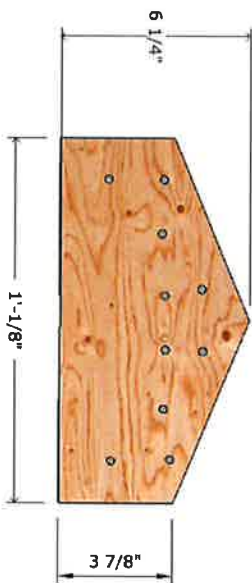


Each truss consists of 4 equal truss members as shown above.

The length and angle cuts are the same for each truss.



6 gusset plates per truss made from 1/2" plywood or OSB material.
(gusset plate below shown with nailing pattern)



scale: 3" = 1'

Gusset plates are nailed to truss with 10 5d box nails per side, using 5 spaced evenly as shown per end.

Cut enough material to only make one truss. Assemble this truss to make sure all measurements are correct before cutting materials for remaining trusses.

Interior Truss Construction

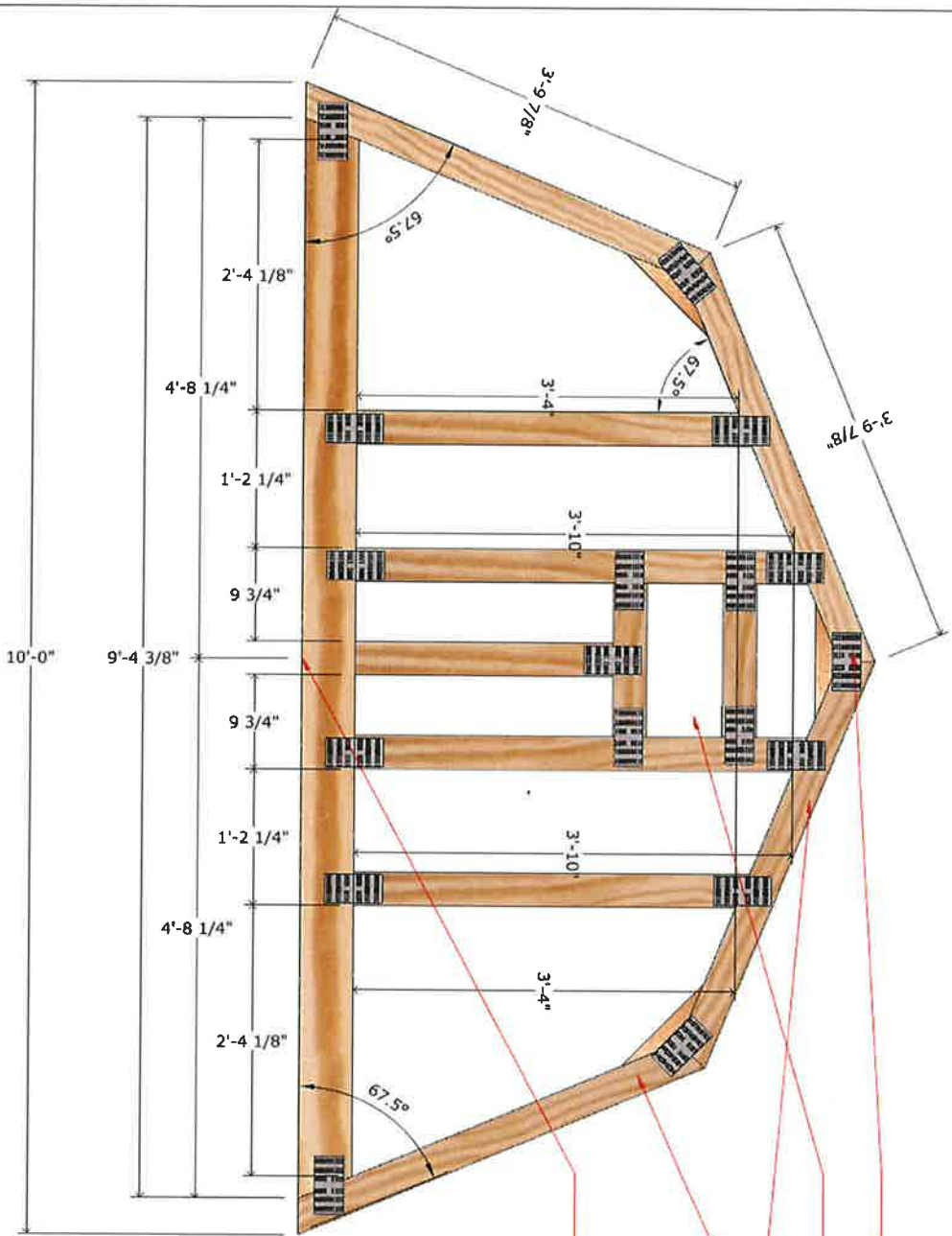


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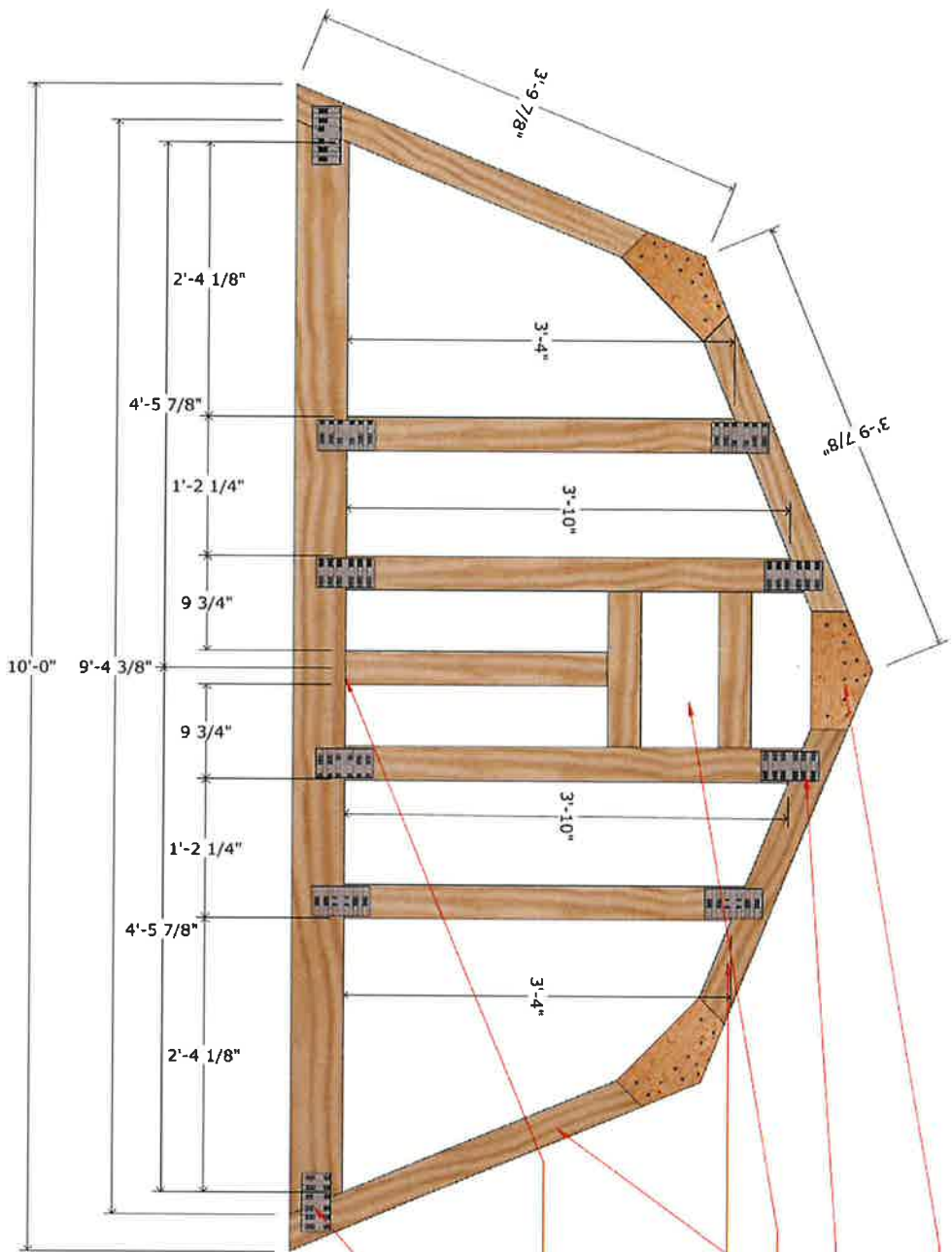


Scale: 1" = 1'-0" (1:12)

Gable End Truss-Outside View

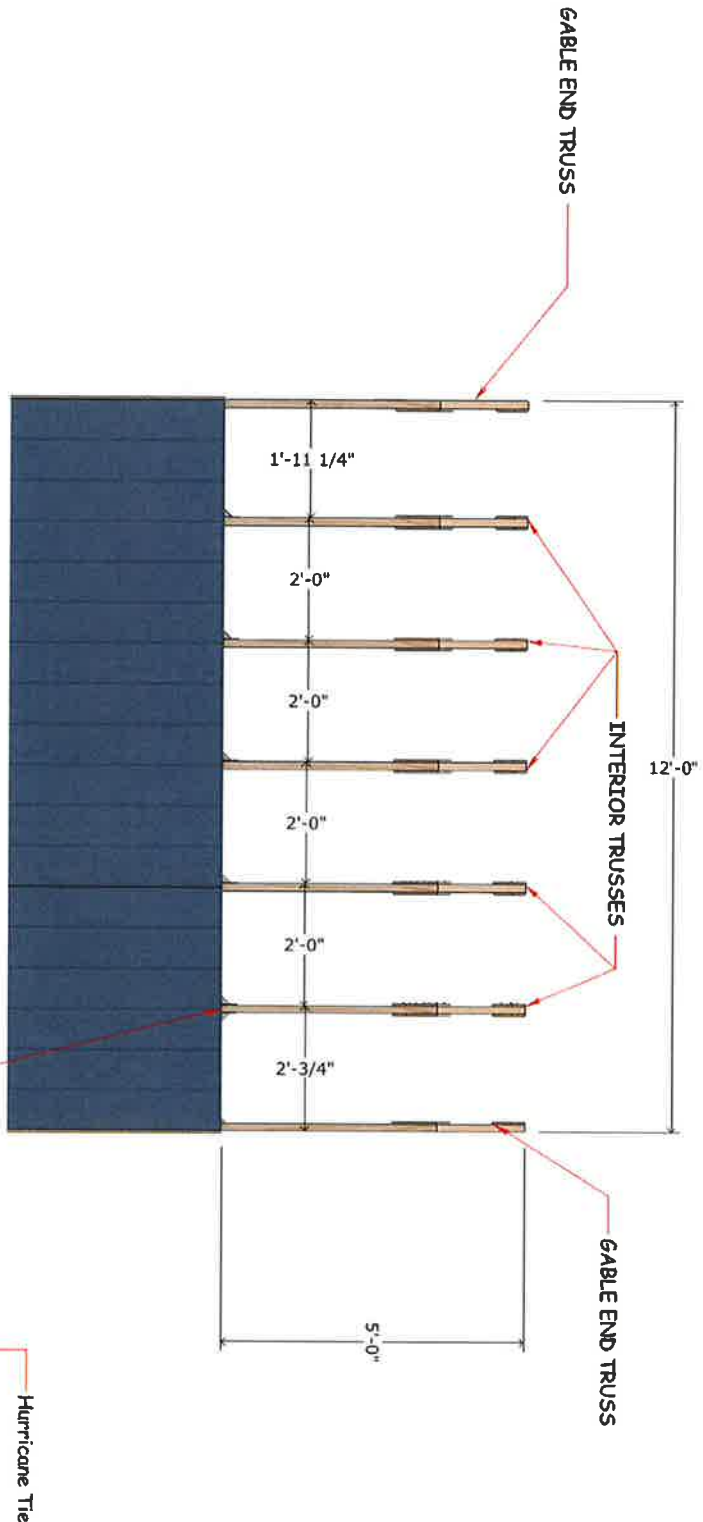
Simpson strong tie 3x6 metal mending plates
 Area framed for 8x18 vent
 Some truss pieces as used for interior truss construction
 Metal mending plate not shown here for purposes of showing dimensions.

Important Note:
 Please verify all measurements before cutting lumber. Dimensions may vary slightly due to human error and variances in purchased lumber.



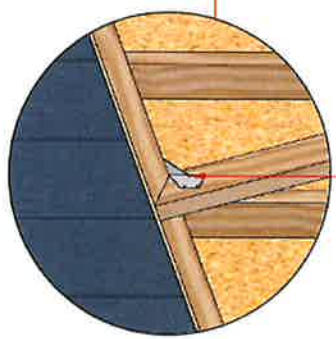
Gable End Truss-Inside View

- 1/2" OSB or Plywood Gusset identical to gusset plates used for interior trusses
- Simpson strong tie 3x6 metal mending plates
- Framed for 8x16 gable vent
- Some truss pieces are used for interior truss construction
- Metal mending plate not shown here for purposes of showing dimensions.
- Simpson strong tie 3x6 metal mending plate



View of roof framing from right side

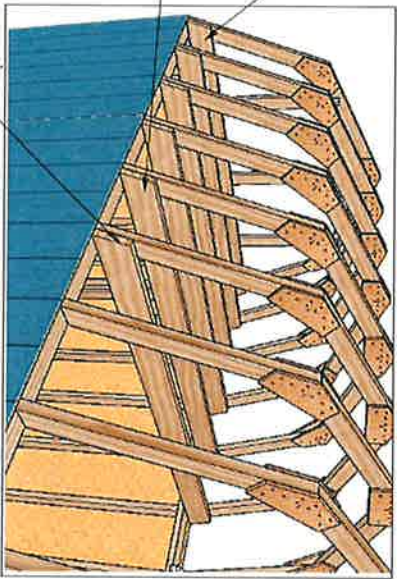
*siding is shown in this view of the roof framing, however you would make your measurement for the first truss from the edge of the top plate not the siding.



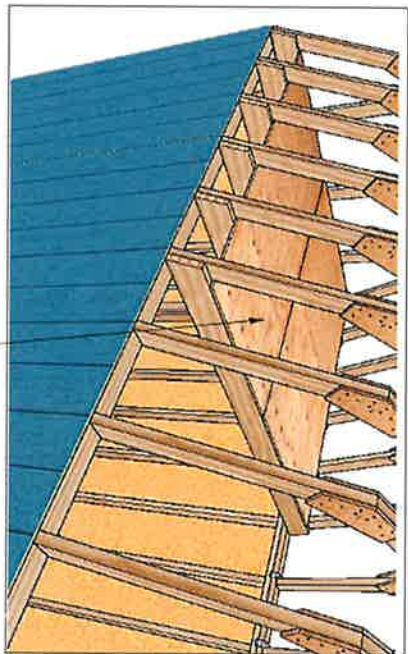
It's strongly recommended to use hurricane ties at each truss end where it comes into contact with the top plate.

Roof Framing

This is just an example of what can be done for framing the loft in. Floor joists for the loft could also be added towards the front end with an opening in the middle for access to the loft on either side.



note: loft joists should be placed after the trusses are nailed into place, but before sheathing the roof.



note: loft flooring can be 5/8" plywood but for a sturdier loft it is recommended to use 3/4" plywood.

Notice the placement of the hurricane ties on the opposite side if the loft floor joists.



scale: not to scale

Loft Construction

HurricaneTie-H2.5a

10x12 Barn Shed Plans

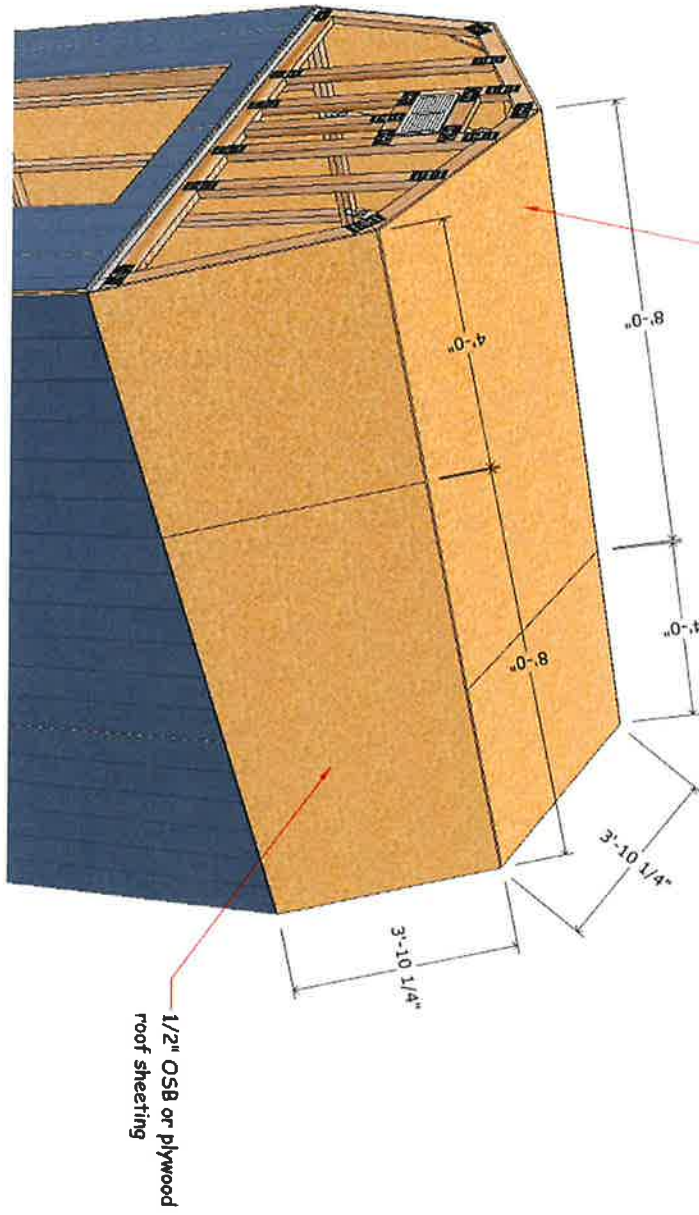
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shedking@gmail.com

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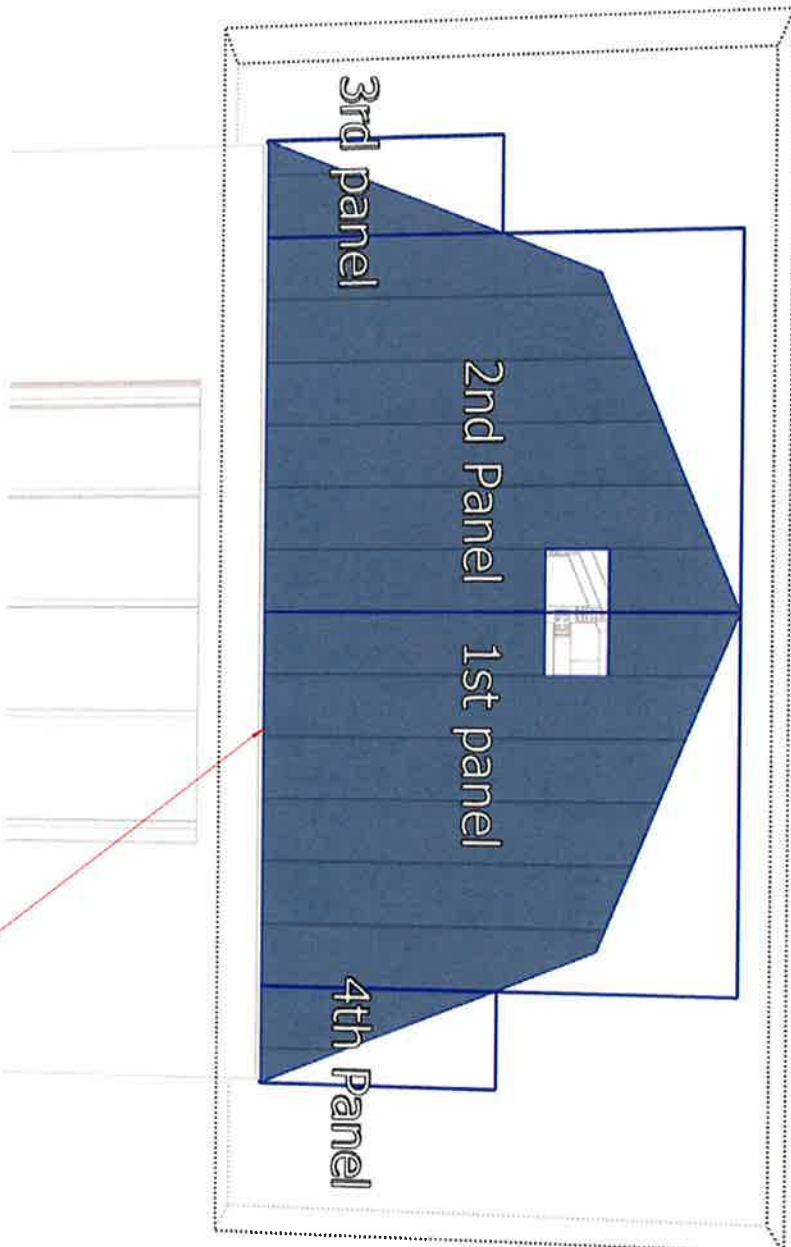


Start sheathing your shed roof with this panel first. Nail along the gable end first after aligning the edges and making sure they are flush. Nail with 8d nails every 6".

Once you have the gable end nailed, align the top edge with the top edges of the trusses. Making sure your trusses are spaced properly, nail down along the trusses every 6" with 8d nails.

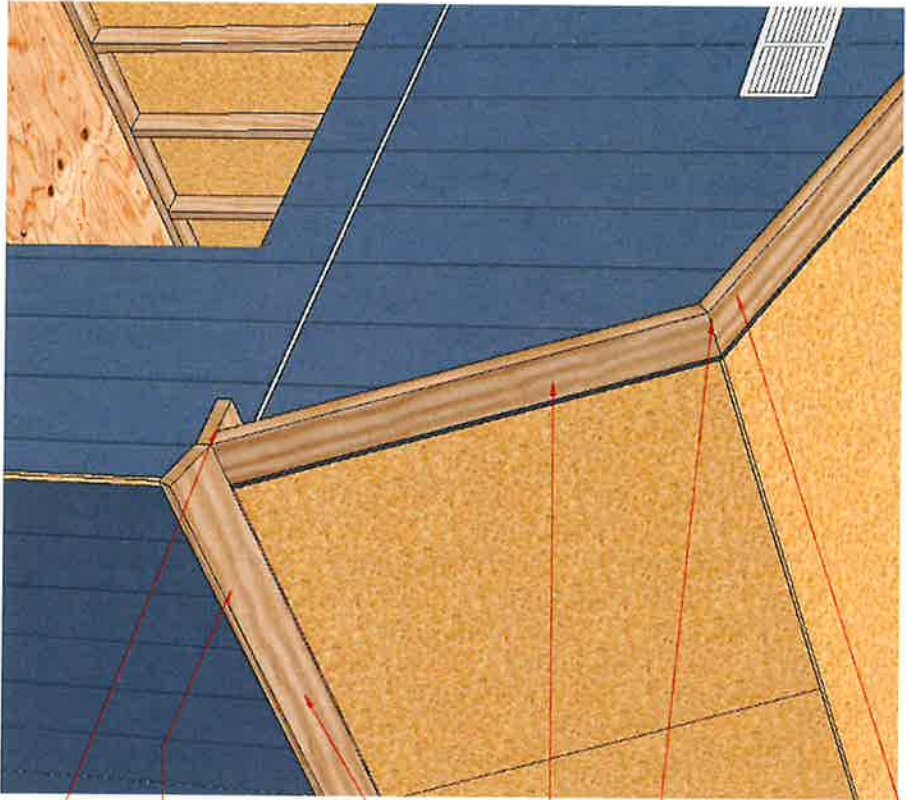
Roof Sheeting

The best way to place siding panels on your gable ends is shown in this illustration. If possible try to get exact measurements and cut your panel down on the ground before putting it into place. This will make your installation easier, and also prevent you from having to buy more siding panels due to wasted cutting.



Don't forget to place your metal 'Z' flashing over the top of the wall siding first before placing gable end siding, for weather protection.

Gable End Siding



2x6 FRONT OVERHANG AND REAR OVERHANGS ARE DONE IDENTICALLY. ONCE THE ROOF IS SHEETED FRONT AND REAR OVERHANGS CAN BE INSTALLED WITH 16D NAILS OR 3" EXTERIOR GRADE SCREWS. THESE NAILS/SCREWS ARE PUT IN AT AN ANGLE THROUGH THE TOP DOWN INTO THE ADJACENT GABLE TRUSS EVERY 12".

ALL OVERHANG ANGLES ARE THE SAME AS THE TRUSS ANGLES, 68.5°

keep top surface of overhang flush with top surface of roof sheathing.

SIDE OVERHANG IS RIPPED DOWN WITH A TABLE SAW ON ONE EDGE AT 30° AND NAILED SO THAT THE INSIDE TOP EDGE IS FLUSH WITH THE BOTTOM OF ROOF SHEETING.

SIDE OVERHANG IS MADE FROM 2-2X6'S. TOE-NAIL OR SCREW INTO TRUSS LOCATIONS DOWN INTO TOP PLATES.

2X6 BLOCK CUT TO FIT.

scale: not to scale

Front, Rear, and Side Overhangs



Nail Schedule for Shed Construction

Description of Building Materials	Number and Type of Fasteners	Spacing of Fasteners
Top or sole plate to stud, end nail Stud to sole plate, toenail Doubled studs, face nail Doubled top plates, face nail Top plates, taps and intersections, face nail	2-16d 4-8d or 3-16d 16d 16d 2-16d	- - 24" on center 16" on center -
Continued Header with two pieces	16d	16" on center along each edge
Ceiling joists to plate, toenail Continuous header to stud, toenail Ceiling joist, taps over partitions face nail Ceiling joist to parallel rafters face nail Rafter to plate, toenail	2-16d 4-8d 3-16d 3-16d 2-16d	- - - - -
1" brace to each stud and plate, face nail	2-8d	-
Built up corner studs	16d	30" on center
Roof rafters to ridge, valley or hip rafters, toe nail Face nail	4-16d 3-16d	- -
Collar ties to rafters, trusses face nail	3-16d	-
Floor sheathing to joists Wall panels to studs Roof sheathing to rafters, trusses	6d	every 6" along perimeter and 12" in the field
Floor joists to skids,	2-16d	toenail on each side
Floor joists to band boards	2-16d	face nail from outside into joist ends
Hurricane ties, mending plates, metal fasteners	joist hanger nails	

Table of Common Nails

Size	Length	Gauge	# per lb.
2d	1"	15	840
3d	1 1/4"	14	540
4d	1 1/2"	12 1/2	290
5d	1 3/4"	12 1/2	250
6d	2"	11 1/2	160
7d	2 1/4"	11 1/2	150
8d	2 1/2"	10 1/4	100
9d	2 3/4"	10 1/4	90
10d	3"	9	65
12d	3 1/4"	9	60
16d	3 1/2"	8	45
20d	4"	6	30
30d	4 1/2"	5	20
40d	5"	4	16
50d	5 1/2"	3	12
60d	6"	2	10

Nail Schedule

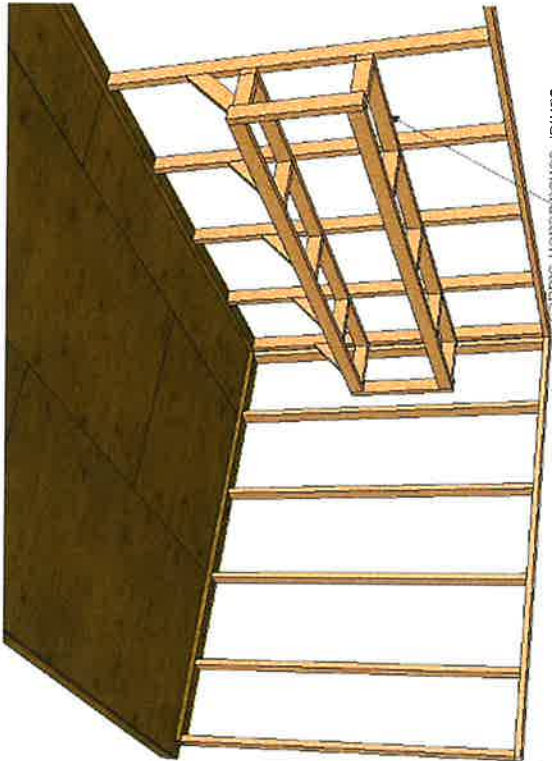


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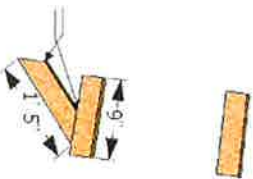
Note: Most of the shelving can be made from leftover cuts from earlier construction stages!

make your main rectangular shelf assembly first, level and nail at appropriate location, then nail on support boards. Top shelf will be supported by side 2x4's nailed to bottom shelf as shown.

Materials List

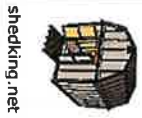
- 5 - 2x4x8 sides and uprights
- 1 - 2x4x10 cross pieces
- 1 - 2x4x8 angle supports
- 2 - 1/2" x 1x8 shelf

45 degree angles



Please note: shelving materials not included on materials list

Shelf Building Example



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April 15, 2020



✓

City of Belle Isle
 Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
 Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

Product Approval Form

DATE: 6/19/2020

PERMIT # 2020-07-014

PROJECT ADDRESS _____, Belle Isle, FL _____ 32809 _____ 32812

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72m, please provide the information and approval numbers of the building components listed below if they will be utilized on the building or structure. FL Approved products are listed online at www.floridabuilding.org or can be obtained from the local product supplier. The following information must be turned in with permit application and available onsite for inspections:

- **This Product Approval Cover Sheet**
- **Internet screen printout from FloridaBuilding.Org showing PA#, approval code and edition stamped**
- **Manufacturer's installation details from FloridaBuilding.Org and requirements for each product stamped**
- **The Installation Instructions must be posted on-site before your first inspection**

Product Type	Manufacturer	Model/Series	FL Product Approval #	Product Type	Manufacturer	Model/Series	FL Product Approval #
EXTERIOR DOORS				WALL PANELS			
Swinging				Siding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
WINDOWS				ROOFING PRODUCTS			
Single/Double Hung				Asphalt Shingles	GAF	Timberline 10124.1	
Horizontal Slider				Non Struct Metal			
Casement				Roofing Tiles			
Fixed				Single Ply Roof			
Mullion				Underlayment	GAF	Weather 10124.R20	
Skylights				Other	APDC	Weather 1011612	
Other						Leak Guard	
STRUCTURAL COMPONENTS				OTHER			
Wood Connectors							
Wood Anchors							
Truss Plates							
Insulation Forms							
Lintels							
Other							

?
Same #

It is the applicant's responsibility to verify that specific products have been installed in accordance with their limitations and with the minimum required design pressures for the structure. Specific compliance will be verified during field inspections.

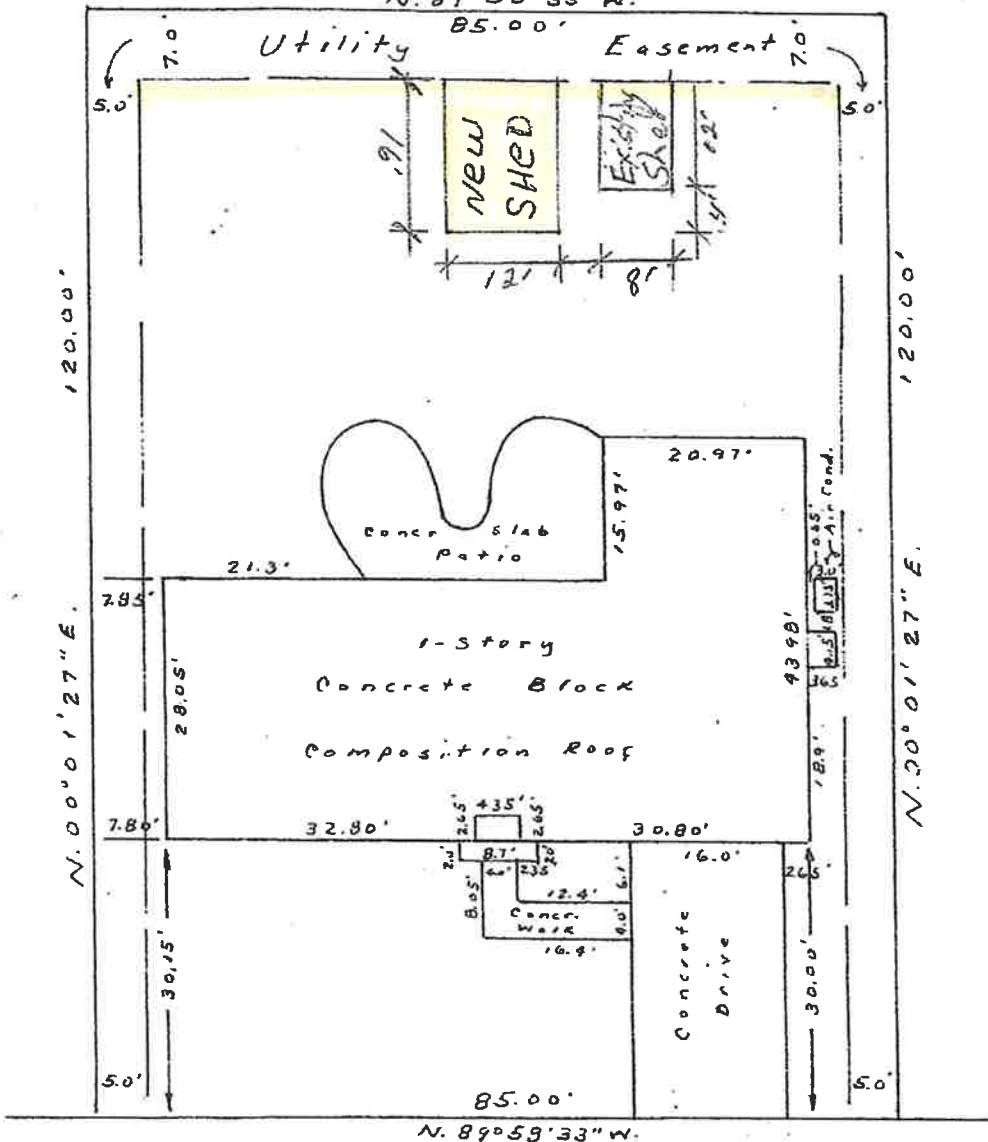
Applicant Signature Alfred Johnson

Date 6/19/2020

PLAT OF SURVEY
FOR
Julia ...
DESCRIPTION

MICROFILMED

LOT 43, BLOCK -, CONWAY EAST ACCORDING TO THE
PLAT THEREOF RECORDED IN PLAT BOOK "4", PAGES 122 and 123
PUBLIC RECORDS OF Orange COUNTY, FLORIDA.
N. 89° 58' 33" W.



25' No. 4373 25'

KANDRA COURT

A. DONALD BECK SURVEYING SERVICES
LAND SURVEYORS
FIELD BY Beck ... ORLANDO, FLA
SCALE 1-inch = 20 ft. DATE 4/11/78

4313 KANDRA
CT
2020-07-013

Susan Manchester

From: Susan Manchester
Sent: Thursday, October 29, 2020 3:06 PM
To: 'mmmscreen@aol.com'
Cc: CobiPermits
Subject: RE: 4313 Kandra Court - app for shed permit 2020-07-013 is incomplete - By Owner Moore
Attachments: Example A Shed Plans.pdf; Example B shed plans.pdf; Example C shed plans.pdf

Please make sure all email for Belle Isle permitting is forwarded/replied/sent not only to the sender but ALSO to cobipermits@universalengineering.com Otherwise – your payment or info may not get processed

Hello,

If the plans that Lowe's provides are signed and sealed and mention the FL 6th Edition Building Code and wind speed to 139 mph, then they will be okay. Attached are some examples of approved shed plans.

If the shed is the same size and going into the same proposed location, with the same setbacks, then the same survey can be used.

Thank you,

Susan Manchester
Permit Administration for the City of Belle Isle
Building Inspections and Code Compliance Department

3532 Maggie Blvd
Orlando, FL 32811
p 407-423-0504 Ext 23309 | f 407-423-3106



From: mmmscreen@aol.com <mmmscreen@aol.com>
Sent: Thursday, October 29, 2020 12:58 PM
To: Susan Manchester <SManchester@universalengineering.com>
Subject: Re: 4313 Kandra Court - app for shed permit 2020-07-013 is incomplete - By Owner Moore

Hello Susan,

Susan Manchester

From: Susan Manchester
Sent: Wednesday, October 7, 2020 2:02 PM
To: mmmscreen@aol.com
Cc: CobiPermits; David M. Olivieri, CBO, CFM; Benjamin Suriel
Subject: RE: 4313 Kandra Court - app for shed permit 2020-07-013 is incomplete - By Owner Moore
Attachments: your_10x12_barn_plans.pdf

Hello,

We are not able to accept these plans, as they are not signed and sealed, and they do not reference the current version (6th Edition) of the Florida Building Code.

Thank you,

Susan Manchester

Permit Administration for the City of Belle Isle
Building Inspections and Code Compliance Department

3532 Maggie Blvd

Orlando, FL 32811

p 407-423-0504 Ext 23309 | f 407-423-3106



From: mmmscreen@aol.com [mailto:mmmscreen@aol.com]
Sent: Tuesday, October 6, 2020 3:11 PM
To: Susan Manchester <SManchester@universalengineering.com>
Subject: Re: 4313 Kandra Court - app for shed permit 2020-07-013 is incomplete - By Owner Moore

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

Hello,
Attached are the requested items per the below emails.
1) The purchased Engineered Plans
2) Survey of Proposed Shed Location
3) ProductApprovalForm Underlayment Corrected Code

*Sincerely,
Mrs. Meloneze Moore
"Stay Safe"*

-----Original Message-----

From: Susan Manchester <SManchester@universalengineering.com>
To: mmmscreen@aol.com <mmmscreen@aol.com>

Cc: CobiPermits <CobiPermits@universalengineering.com>

Sent: Tue, Jul 14, 2020 10:48 am

Subject: RE: 4313 Kandra Court - app for shed permit 2020-07-013 is incomplete - By Owner Moore

Additionally – the PA form you sent me is incorrect. I requested the code for the **underlayment**. What was provided for the form is the same code as for the shingles – FL10124. Please provide an **UNDERLAYMENT** code.

Thank you,

Susan Manchester

Permit Administration for the City of Belle Isle
Building Inspections and Code Compliance Department

3532 Maggie Blvd
Orlando, FL 32811
p 407-423-0504 Ext 23309 | f 407-423-3106



From: Susan Manchester

Sent: Tuesday, July 14, 2020 10:32 AM

To: mmmscreen@aol.com

Cc: CobiPermits <CobiPermits@universalengineering.com>

Subject: RE: 4313 Kandra Court - app for shed permit 2020-07-013 is incomplete - By Owner Moore

Hello,

The following items are still needed to process this shed app:

- o **Signed/sealed engineered plans showing all dimensions of the shed**
- o **A survey showing the proposed location of the shed and all setbacks drawn in.**

Thank you,

Susan Manchester

Permit Administration for the City of Belle Isle
Building Inspections and Code Compliance Department

3532 Maggie Blvd
Orlando, FL 32811
p 407-423-0504 Ext 23309 | f 407-423-3106



