Yakutat Tlingit Tribe
606 Forest Hwy. 10 * P.O. Box 418 * Yakutat, Alaska 99689
Phone (907) 784-3238 * Fax (907) 784-3595 * www.ytttribe.org

RFP for the Construction of a Compost House and Concrete Pad

Section A – Introduction

A-1 Introduction

Yakutat Tlingit Tribe (YTT) is posting a Request for Proposal (RFP) from qualified contractors for the construction of a compost house and concrete pad to be built in Yakutat, Alaska.

Contractor proposals will be reviewed, evaluated, and scored by a Selection Committee composed of persons knowledgeable and experienced in evaluating proposal submissions in a fair and professional manner.

Proposal Submission Deadline: a complete proposal package, in the format requested, must be received by YTT no later than 12:00 pm October 18, 2019 Alaska Time delivered to:

Yakutat Tlingit Tribe
ATTN: Nathan Moulton
nmoulton@ytttribe.org
PO BOX 418
606 Forest Hwy 10
Yakutat AK 99689

Background Information: YTT is a Tribal government that offers programs to suit the needs and priorities of Tribal members and the local community. One Environmental program under development is to divert food and yard waste going into the landfill by composting. YTT will be purchasing up to three (3) 48" long x 40" wide x 45" high in-vessel composters[1] that will be operated and stored in an enclosed and secure structure ("compost house"). The compost will need to be cured after discharge from the in-vessel composter through placement on a concrete pad.

Project Site: The City & Borough of Yakutat (CBY) has designated land (60'x257') for a community garden, located just north of the Yakutat High School. Up to 20'x 60' of this space will be available for the compost house and concrete pad.

[1] https://compostingtechnology.com/in-vessel-composting-systems/earth-cube/

Project Schedule: It is anticipated that construction will begin in late October 2019 and completed by mid-November 2019.

RFP Components and Scoring Criteria:

The RFP will be evaluated and scored based on the following Criteria: Qualifications, Technical Proposed Plan, and Cost.

Qualifications Criteria:

1. Information on Company structure including corporate office and support facilities.
2. Past Performance and Company Experience
   (a) Proposers shall provide information on similar type projects currently in process and/or completed by the firm in the past 3 years. Include the project name, contact name, project description, and value of contract.
      - Proposal should include statement that project was completed on schedule and costs.
3. Key Personnel and Oversight of Project
   (a) Describe the technical abilities and experience offered by key personnel including experience, training, and education and how those are relevant to the proposed project.

Technical Proposed Plan:

The technical proposal must present sufficient information to reflect a thorough understanding of the requirements and a detailed description of the techniques, procedures, and program for achieving the objectives of the specifications/statement of work:

1. Project oversight and supervision: Describe the roles and function of proposed staff.
2. Provide a statement of assurance that the proposed personnel will be available for the work under this contract and a list of alternative personnel sources to be used in the event the proposed personnel are not available as planned.
3. Provide statement on plans to utilize local hire.
4. Provide proposed schedule including all key milestone events from Notice to Proceed date until completion of work.

5. Design drawings and materials list is provided as part of the package. The following Drawings are included.

    - Lean to Shed Material List (Bidders expected to utilize salvage materials on site to the furthest extent possible)

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(b) Page 2: Floor Plan
(c) Page 3: Exterior Elevations
(d) Page 3.1: Exterior Elevations
(e) Page 3.2: Exterior Elevations
(f) Page 4: Foundation Plan
(g) Page 4.1: Concrete Slab
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(i) Page 6: Wall Framing Plans
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(l) Page 7: Roof Framing Plan/Roof Sheeting Plan
(m) Page 7.1: Roof Rafter Details
(n) Page 7.2: Birdsmouth Template
(o) Page 7.3: Birdsmouth Template
(p) Page 8: Building Section
(q) Page 8.1: Roof Details
(r) Page 8.2: Roof Details
(s) Page 8.4: Header Detail/Boxed Rake Detail
(t) 6068 Door 1 Building Notes
(u) 6068 Door 2 Building Notes
(v) 6068 Door 3 Detail

Cost Proposal:
The Proposed cost shall be based on the information provided with this proposal and the contractor's knowledge of both construction and location factors that affect this project. The proposed cost shall be listed as "cost not to exceed." However, line item allowances shall be listed for owner add-ons. Additional allowance may be added and considered by Contractor suggestion.

The following owner options shall be listed independent of the base not to exceed value:

1. 10'x10' Concrete Pad with Wrapped Covered Porch on South end of Compost House to protect in-vessel composters. Contractor shall make efforts to utilize onsite salvage materials as much as possible.

Base, not to exceed, cost shall include all materials, freight, labor, equipment and all other associated costs to complete the construction of the compost house and concrete pad.

Proposals must be submitted in company letterhead and in a typed format. Proposals are due no later than 12:00pm on October 18th, 2019. Please send or drop off sealed proposals to:

Yakutat Tlingit Tribe
ATTN: Nathan Moulton
PO Box 418
606 Forest Hwy 10
Yakutat, AK. 99689
nmoulton@ytttribe.org

Late or incomplete offers will not be considered as valid bids.

Questions about this RFP should be addressed to:

Nathan Moulton
nmoulton@ytttribe.org
P: 907-784-3238 x. 102
C: 907-744-5283
F: 907-784-3595

Pre-Bid On-Site Conference: October 4, 2019 at 12:00 PM AKST. Project Site is located above Yakutat High School adjacent to covered outdoor basketball court. The Pre-Bid Onsite Conference is not mandatory but is highly suggested to fully understand owner intent. Contractors who do not attend the pre-bid onsite conference will lose their right of protest for lack of information. Contractor is responsible for inventory of salvage materials for use in the project.

All interested proposers shall register by sending an email of interest to Nathan Moulton. Any questions should be in writing and answers to all questions will be provided to all registered proposers. Each proposal should contain a statement that they have received all additional information at the time of the proposal submission.

All questions shall be submitted prior to October 11, 2019. Questions submitted after this date shall not be answered. All questions must be submitted in writing. Questions must be specific. Questions and corresponding responses to all questions will be provided to all registered proposers.

Information Provided:

The following information is provided as part of this RFP:

1. The City & Borough of Yakutat (CBY) and YTT Human Services Department has donated the materials as follows:
    a. 6x6 (20') beams. Twelve count
    b. 8x8 (20') beam. Five count
    c. 2x10(8'/10') planks. Seventy count.
    d. ½'x20' rebar. Thirteen count
    e. Polycarbonate panels for roofing
    f. Fasteners, screws, and bolts
    g. Concrete through YTT Environmental Department and YTT Human Services Department
    h. Some scraping and leveling already done for compost site
2. Design should incorporate any additional features or considerations that support long-term compost operations.
3. Enclosed and secure compost house must be large enough to accommodate three in-vessel composters, each with the following external dimensions: 48"x40"x45"
4. Concrete pad that will be used for curing the compost material will be approximately 20'x10'. Offerors are invited to provide sizing alternative recommendations that suit the objective of maintaining a long-term compost program. Concrete will need to be rated for heavy machinery.

Section B – Instructions, Requirements, and Notices to Offerors and Respondents

B-1 Instructions to Offerors – Phase 1

1. Miscellaneous Requirements Insurance
    (a) The offeror is to have their insurance agent provide, directly to Nathan Moulton, a sample insurance certificate that is representational of the actual certificate of insurance with all endorsed attachments to be issued upon award of contract.
    (b) The offeror is to carry the following minimum coverage for general liability and pollution liability:
    (c) The YTT shall be named as an "Additional Insured" under all liability coverages except for Worker's Compensation Insurance.
        i. $1,000,000 of general liability insurance
            1. $1,000,000 each occurrence
        ii. $1,000,000 of automobile liability
        iii. $1,000,000 workers compensation and employer's liability
2. Bonding and Financial Capacity
    (a) Not Applicable

3. Proposer shall provide three (3) copies of the RFP along with submittal letter signed by person having needed level authority within the company. Copies shall be delivered in sealed envelope to Nathan Moulton at the YTT contact listed in this RFP.

B-2 Type of Contract

YTT shall award a Not to Exceed contract based on the proposer's cost proposal with options for selected allowances resulting from this solicitation.

Section C – Evaluation Factors for Award

C-1 Evaluation Factors

A. Award will be made to the responsible offeror submitting a proposal which conforms to the solicitation and is most advantageous to YTT considering the factors and any significant sub factors listed in this provision.
B. The following factors will be evaluated and scored for each qualifying RFP:
   (a) Qualifications 25%
   (b) Technical Proposal 25%
   (c) Cost 50%
C. Award may be made without further discussions. Proposals should be submitted initially on the most favorable terms from a price and technical standpoint, which the offeror can submit to YTT. However, the YTT may, after evaluation of proposals, conduct further oral or written discussions as appropriate, with all offerors whose proposals are with a competitive range.
D. The relative importance to be placed on the evaluation factors in relation to each other is contained in paragraph B of this provision. If a proposal is determined by the YTT to be "technically unacceptable" as a result of evaluating all factors, the proposal shall be rejected from further consideration.
E. Offerors shall demonstrate a complete and thorough understanding of all features of work required under this solicitation/contract and shall demonstrate the requisite comprehensive and detailed knowledge to successfully construct such features.
F. Insurance- Offerors shall demonstrate satisfactory capacity and ability to properly obtain adequate insurance coverage of the following types: general liability and pollution liability.
G. Bonding and Financial Capacity- Not Applicable

C-2 Award Statement

Award will be made to the responsible offeror submitting a proposal, which conforms to the solicitation and is most advantageous to YTT considering the factors and any significant sub factors listed in this provision. YTT reserves the right to reject any and all proposals.

End of RFP

10x20-LT Lean To Shed Materials - Build Your Own Backyard Shed iCreatables.com			
EXTERIOR MATERIALS			
CODE	**DESCRIPTION**	**LENGTH / SIZE**	**QTY.**
W7	T1-11 Siding	4'x8'x 1/2"	15
T4	1x4 Trim	1/2" x 3 1/2" x 10'	11
R5	Metal Drip Edge, install under roofing	1 1/2" x 1 1/2" x 10'	8
R5.1	Metal Drip Edge, install on top of roofing	4" x 4" x 10'	3
R6	Ice and Water Shield or Asphalt Roll Roofing		250 sf
R7	36" wide PBR metal roofing	36" x 11'-5"	7
R7*	Optional Asphalt Shingles	231 sf	2.6 squares
R11	Corrugated roofing closure strip	10 lineal feet	5
W10	"Z" Metal flashing	10'	6
*follow asphalt shinle manufacturers installation technique for low slope roofs.			
FOUNDATION MATERIALS			
CODE	**DESCRIPTION**	**LENGTH / SIZE**	**QTY.**
F3	4x6 Skid, treated	10'-0"	4
F5	Gravel		
FLOOR FRAMING MATERIALS			
CODE	**DESCRIPTION**	**LENGTH / SIZE**	**QTY.**
F1	2x8 Floor Joist	10'-0"	16
F2	2x8 Rim Joist	20'-0"	2
F4	Full Face O.S.B. T.&G.	4'x8'x 3/4"	7
F10	SIMPSON A23 CLIP		12
WALL FRAMING MATERIALS			
CODE	**DESCRIPTION**	**LENGTH / SIZE**	**QTY.**
W1	2x4 Lumber	8'-0"	30
W1.5	2x4 Lumber	9'-0"	16
W2	2x4 Wall Plate, short	10'-0"	8
W3	2x4 Wall Plate, long	20'-0"	6
W5	2x4 Trimmer	8'-0"	2
W6	2x6 Header	8'-0"	2
W7	4ft. x 8ft. Textured Plywood Siding, See exterior materials		
ROOF FRAMING MATERIALS			
CODE	**DESCRIPTION**	**LENGTH / SIZE**	**QTY.**
R1	2x6 Rafter/Fascia	12'-0"	13
R2	Plywood Roof Sheeting	4'x8'x 7/16"	9
R4	2x6 Sub Fascia	12'-0"	4
R12	2x6 Blocking	10'-0"	4
R15	Simpson Hurricane Tie	H2.5	18
DOOR			
D1	6068 pre hung door, style per owner	6068	1
	verify jamb size, swing and lock openings when ordering		
FASTENERS (see door plans for door fasteners)			
2 1/2"	8d Galvanized-Floor/Roof Sheet, Siding, Joist/Rafter to Wall		20 lbs.
3 1/4"	12d Coated Sinker-Floor Joist, Wall Frame		6 lbs.
	Metal Roof 1/4" hex head screw with neoprene bonded washer		5 lbs.
	Optional Asphalt Roof 1 1/4" long, 12 gauge, 3/8" head Roofing Nail		3 lbs.
	Optional Trim Screws #9 flat head, polymer 2.5"		
	Construction Adhesive	10 oz.	3

10X20 Lean To Shed Plans

DRAWING INDEX

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Page 2	Floor Plan
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Page 3.2	Exterior Elevations
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Page 6	Wall Framing Plans
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Page 8.1	Details
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~~Page 8.3~~	~~Details~~
Page 8.4	Details
Page 8.5	Details

Please view and download the HOW TO BUILD A SHED tutorial at
http://www.icreatables.com/sheds/how-to-build-shed/how-to-build-a-shed-download.html

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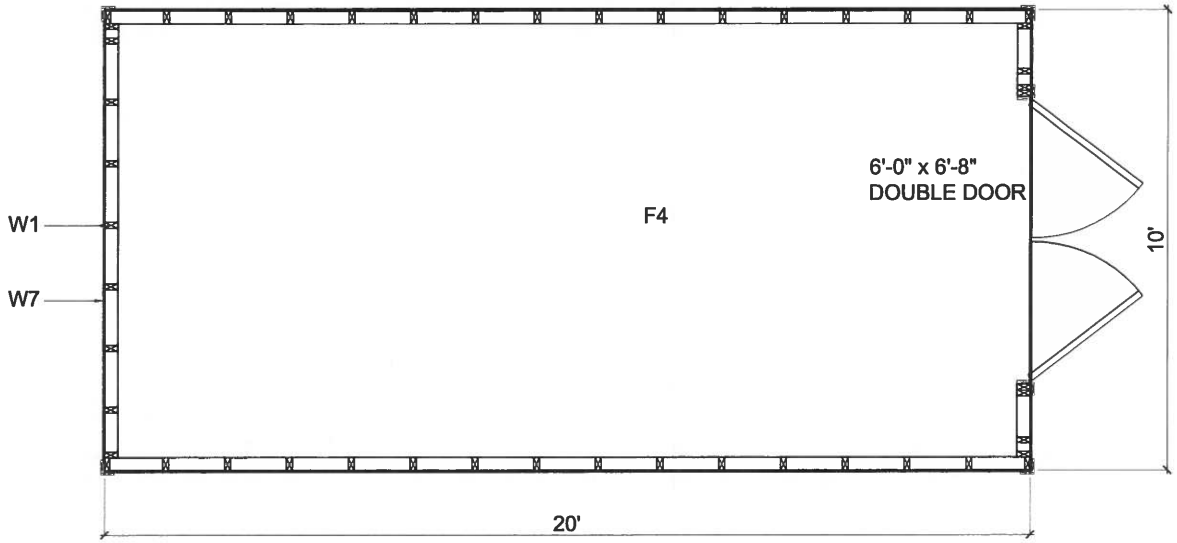
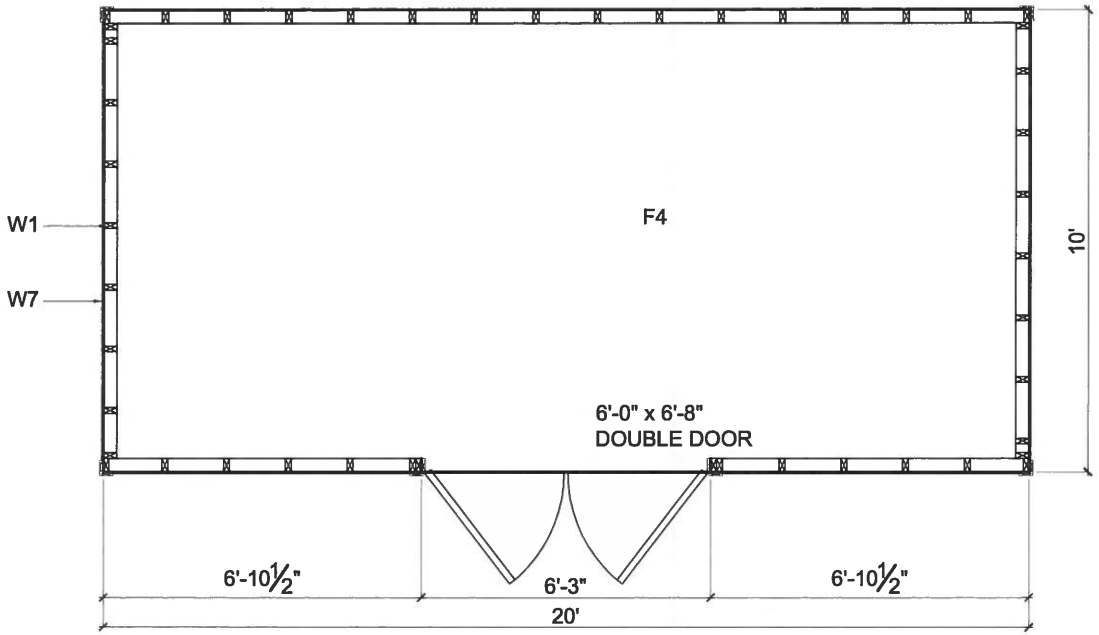


OPTIONAL FLOOR PLAN

¼"= 1'-0" See wall framing plans for stud layout and material take off.



FLOOR PLAN

¼"= 1'-0" See wall framing plans for stud layout and material take off.

Floor Plan 2

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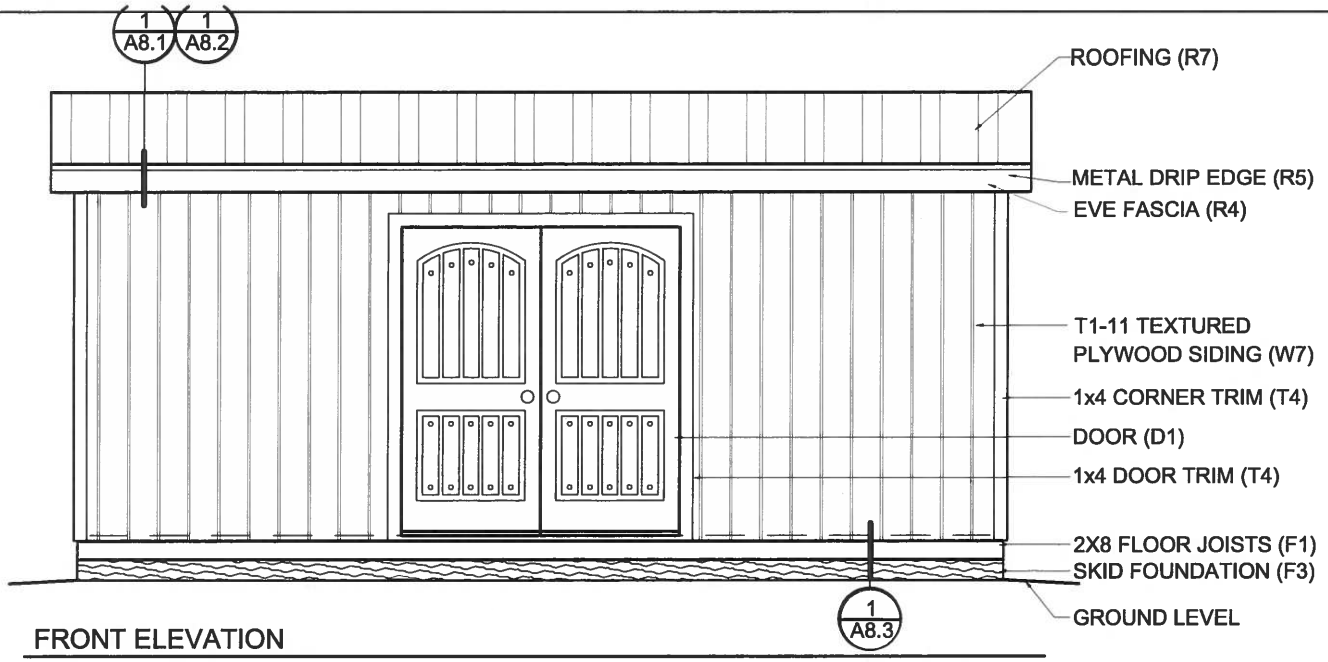
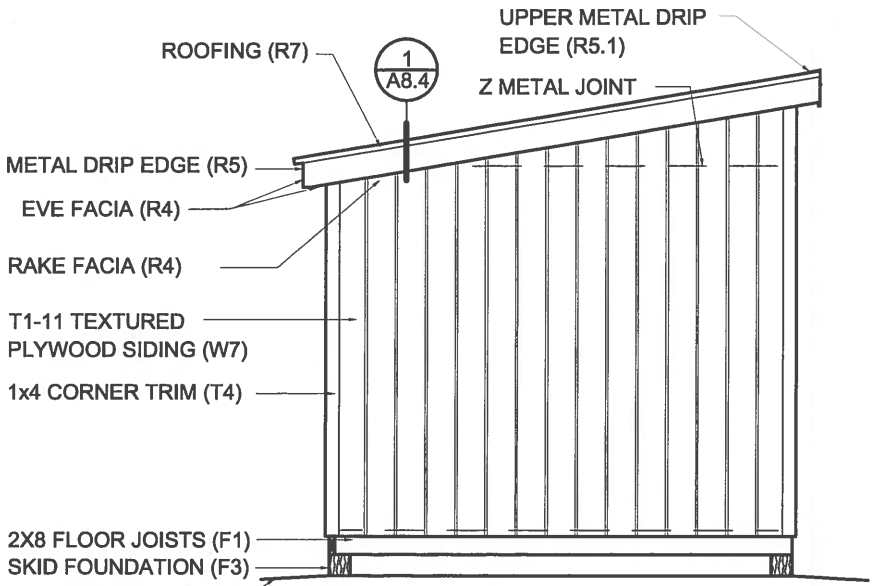


FRONT ELEVATION



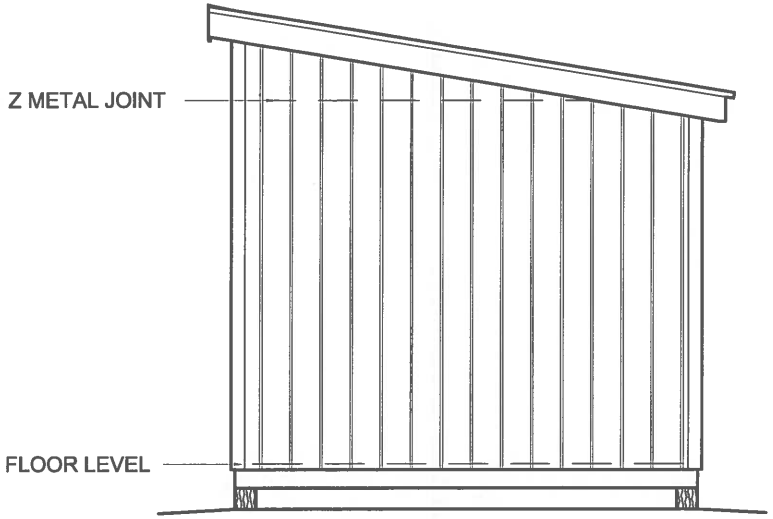
RIGHT SIDE ELEVATION

SIDING AND ROOFING MATERIALS

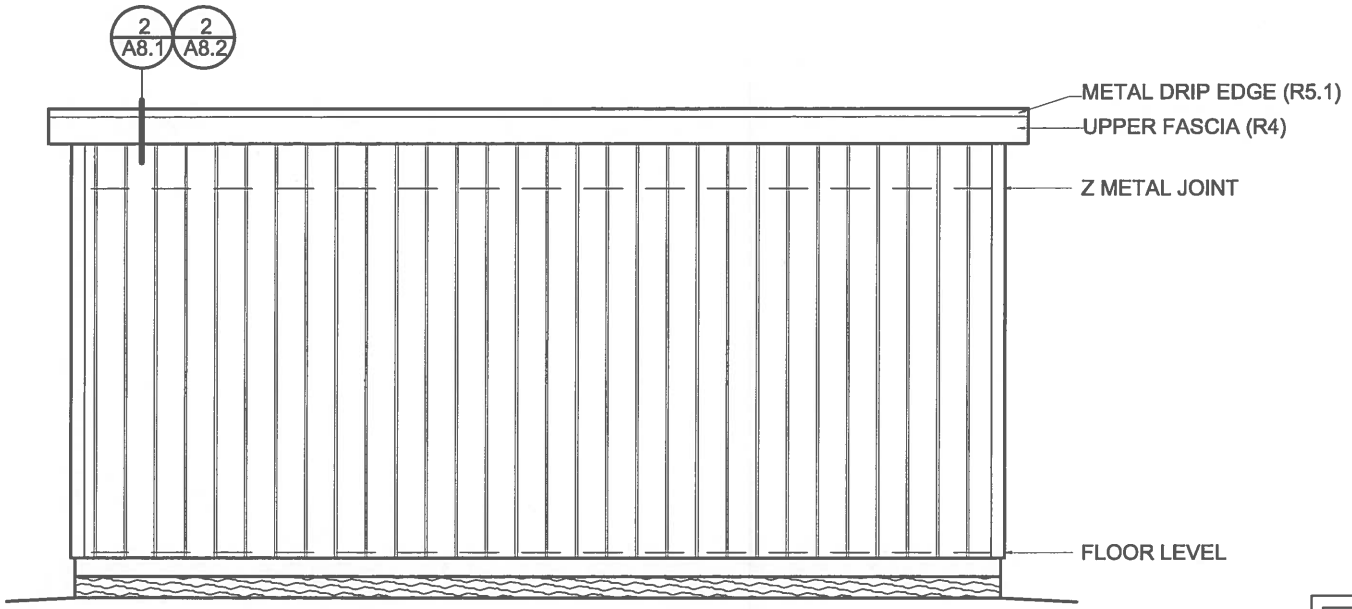
CODE	DESCRIPTION	LENGTH	QTY.
W7	4ft. x 8ft. T1-11	per plan	15
T4	1x4 Trim	½" x 3½"	10' 11
R5	Roof Drip Edge, Under roofing	1 ½" x 1 ½"	x10' 8
R5.1	Roof Drip Edge, Above roofing	4" x 4"	x10' 3
R6	Grace Ice and Water Shield or Roll Roofing		250 sf.
R7	36" PBR Corrugated metal roofing	11'-5"	7
R7*	Optional Asphalt Shingles	231 sf	2.6 squares
R11	Corrugated roofing closure strip		50lf.
W10	"Z" Metal flashing	10'	6
D1	6068 Pre hung factory built door		1

*R7 Follow asphalt shingle manufacturers installation technique for low slope roofs.

Exterior Elevations 3



LEFT SIDE ELEVATION



REAR ELEVATION

Exterior Elevations 3.1

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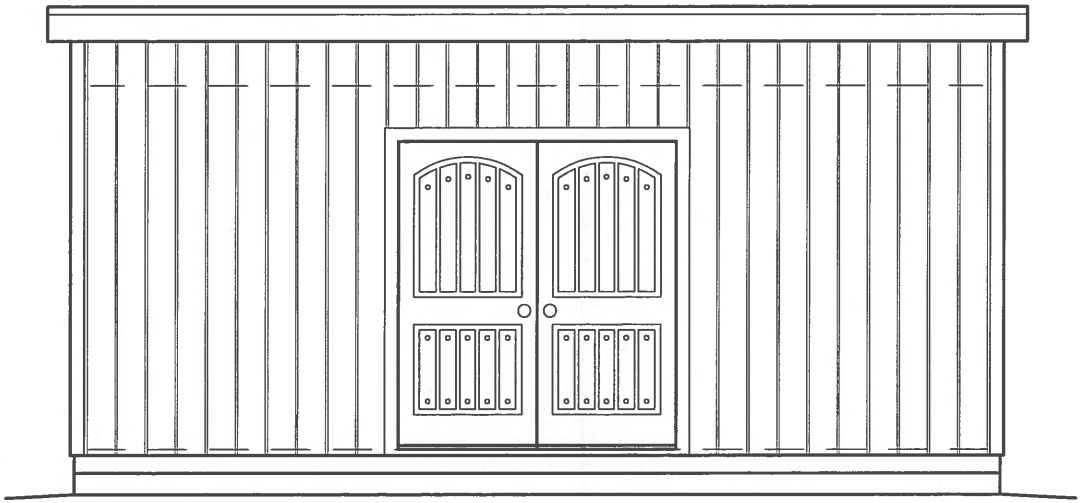
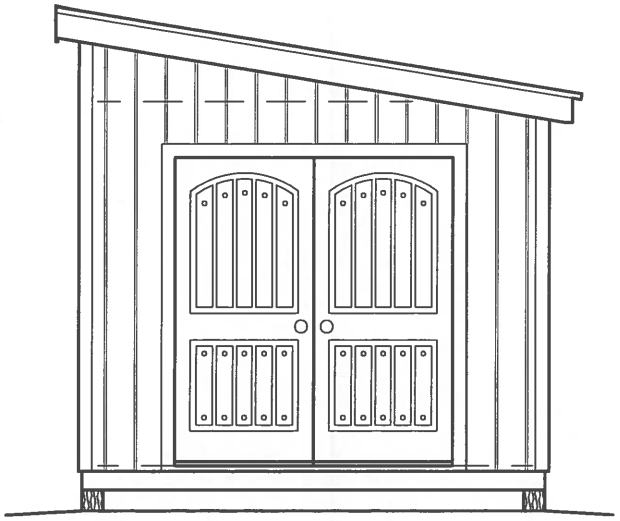


ALTERNATE REAR ELEVATION



ALTERNATE LEFT SIDE ELEVATION

Exterior Elevations 3.2

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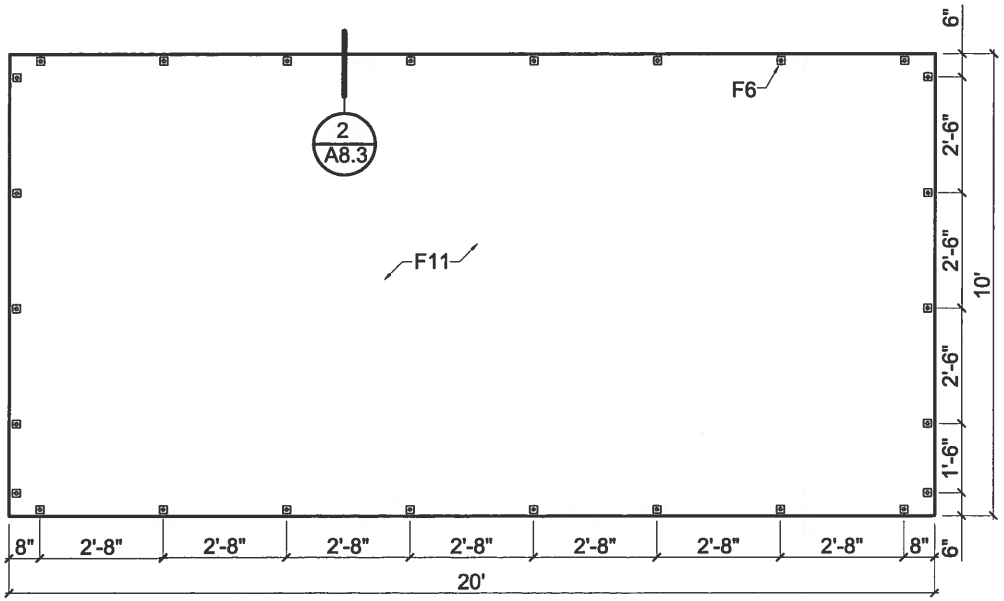

CONCRETE SLAB FLOOR PLAN

Bolt layout pattern will vary depending on door location. Verify door location and install a bolt within 6" of the door opening and not in the door opening.

NOTES:

½" x 10" ANCHOR BOLTS ARE TO BE PLACED AT 32" O.C. AND WITHIN 12" FROM ENDS MINIMUM.
-USING A CONCRETE SLAB INSTEAD OF A FRAMED FLOOR WILL LOWER THE FLOOR HEIGHT BECAUSE YOU ARE NOT INSTALLING 6" FLOOR JOISTS.
-CHECK LOCAL BUILDING REQUIREMENTS FOR FROST PENETRATION DEPTHS AND REQUIRED DEPTH OF FOOTINGS.
-REMOVE BOLTS WHEN THEY ARE IN THE WAY OF A DOOR LOCATION.

FOUNDATION MATERIALS

CODE	DESCRIPTION	LENGTH	QTY.
F5	½" Gravel		
F6	Anchor Bolt, Washer	½" x 10"	24
F11	Concrete		

Foundation Plan 4

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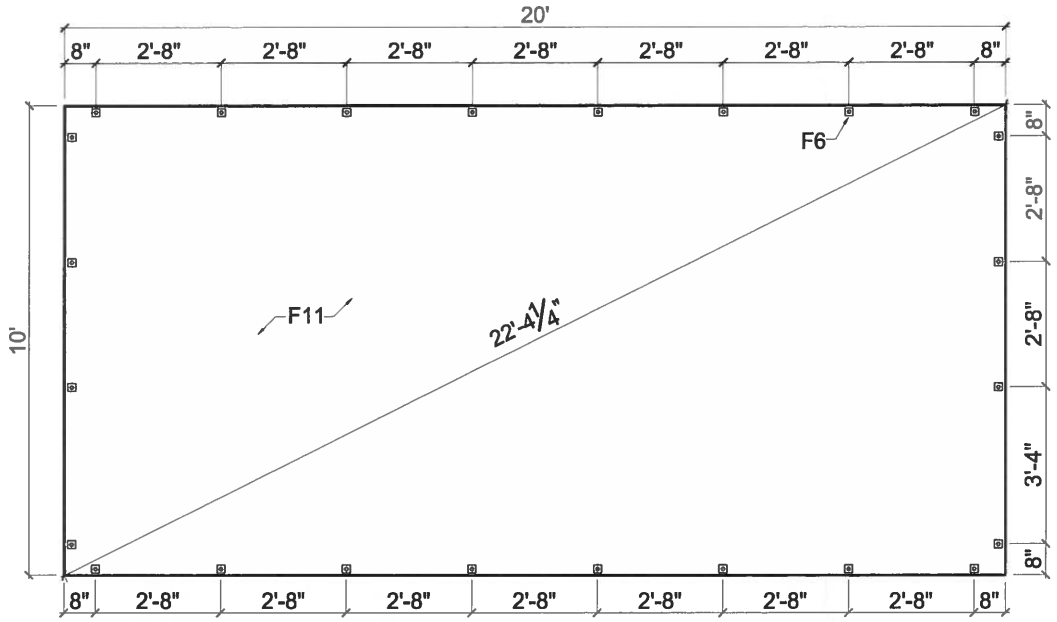

CONCRETE SLAB FLOOR PLAN

Bolt layout pattern will vary depending on door location. Verify door location and install a bolt within 6" of the door opening and not in the door opening.

FOUNDATION MATERIALS

CODE	DESCRIPTION	LENGTH	QTY.
F5	½" Gravel		
F6	Anchor Bolt, Washer	½" x 10"	24
F11	Concrete		

CONCRETE SLAB | 4.1

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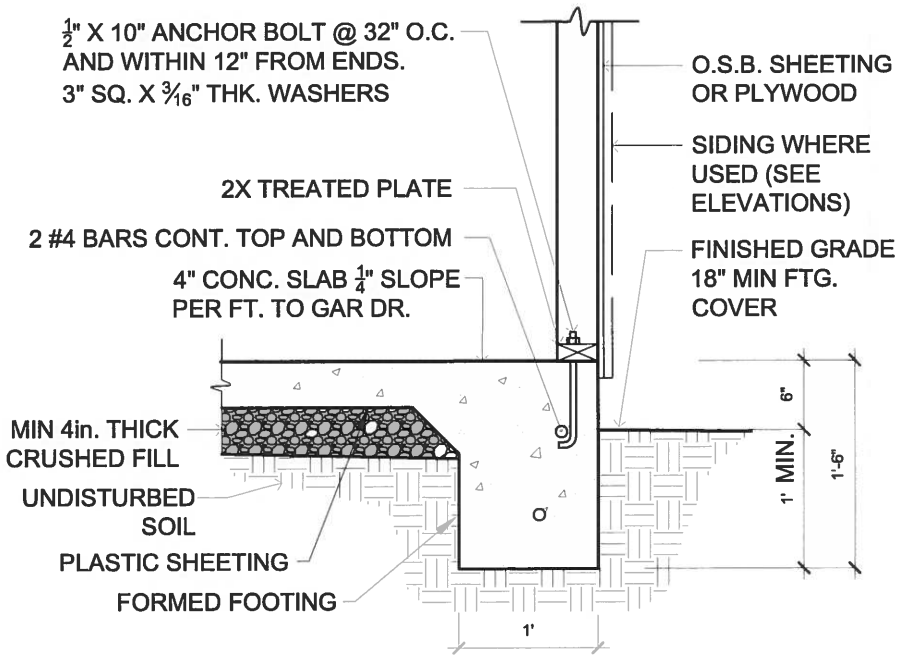

1 MONOLITHIC SLAB WITH FOOTINGS

¾" = 1'-0" Verify Footing Size With Local Building Offical

NOTES:

½" x 10" ANCHOR BOLTS ARE TO BE PLACED AT 32" O.C. AND WITHIN 12" FROM ENDS MINIMUM.
-USING A CONCRETE SLAB INSTEAD OF A FRAMED FLOOR WILL LOWER THE FLOOR HEIGHT BECAUSE YOU ARE NOT INSTALLING 6" FLOOR JOISTS.
-CHECK LOCAL BUILDING REQUIREMENTS FOR FROST PENETRATION DEPTHS AND REQUIRED DEPTH OF FOOTINGS.
-REMOVE BOLTS WHEN THEY ARE IN THE WAY OF A DOOR LOCATION.

2 MONOLITHIC CONCRETE SLAB FOUNDATION

¾" = 1'-0" NOTES

CONCRETE SLAB 4..2

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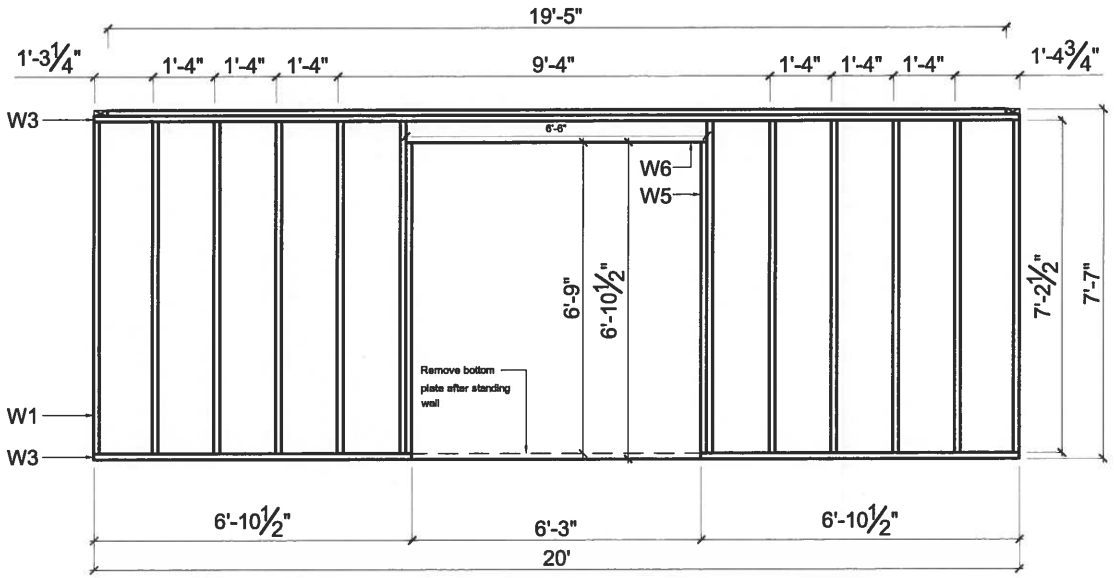
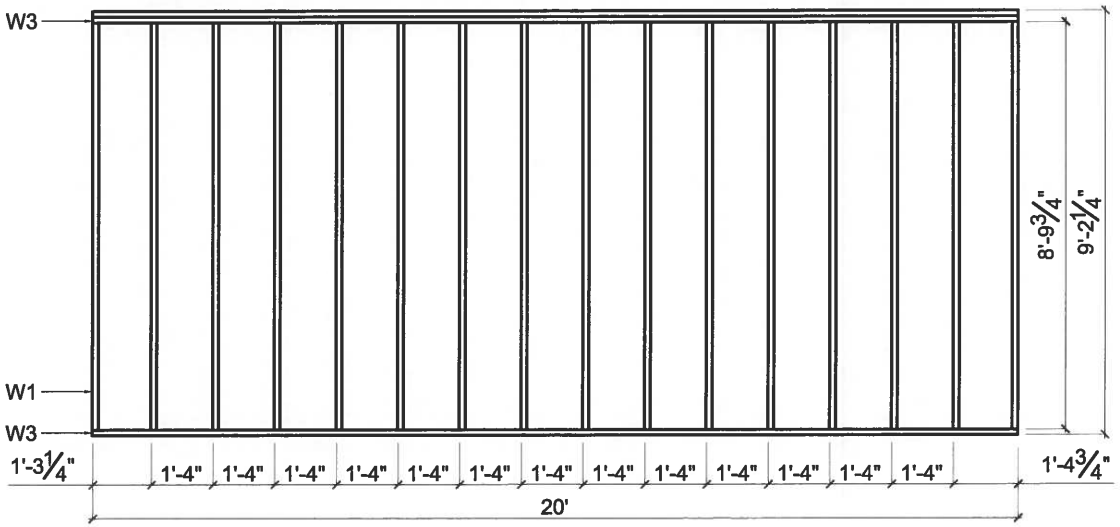


FRONT WALL FRAMING PLAN



REAR WALL FRAMING PLAN

WALL FRAMING MATERIALS

CODE	DESCRIPTION	LENGTH	QTY.
W1	2x4 Wall Stud	8'-0"	30
W1.5	2X4 Wall Stud	9'-0"	16
W2	2x4 Wall Plate,Short	10'-0"	8
W3	2x4 Wall Plate, Long	20'-0"	6
W5	Door Trimmer	8'-0"	2
W6	2-2x6 +½" ply Door Header	8'-0"	2

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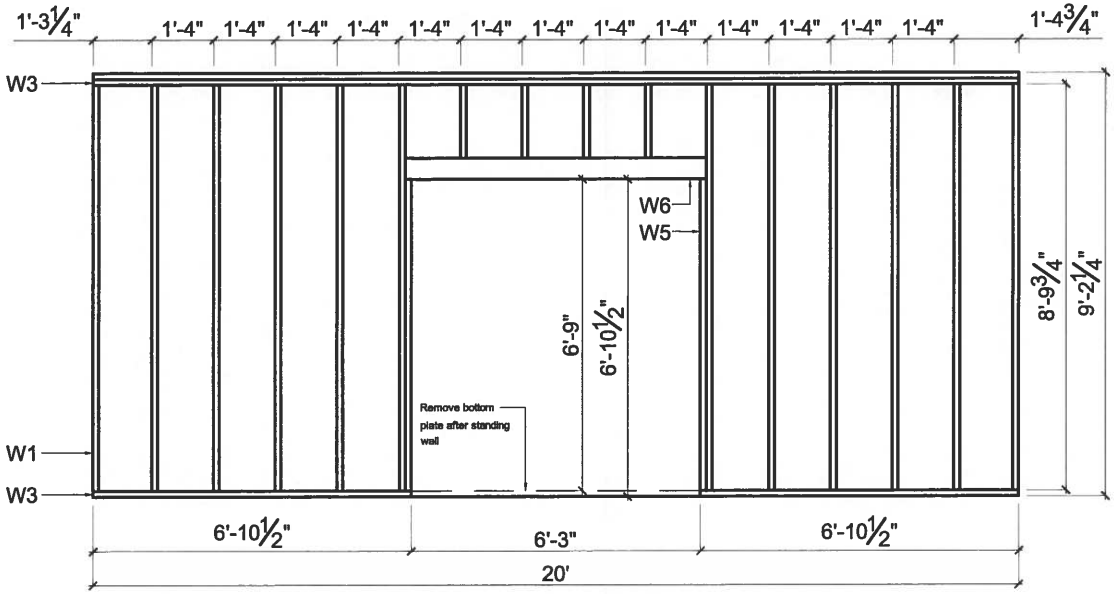
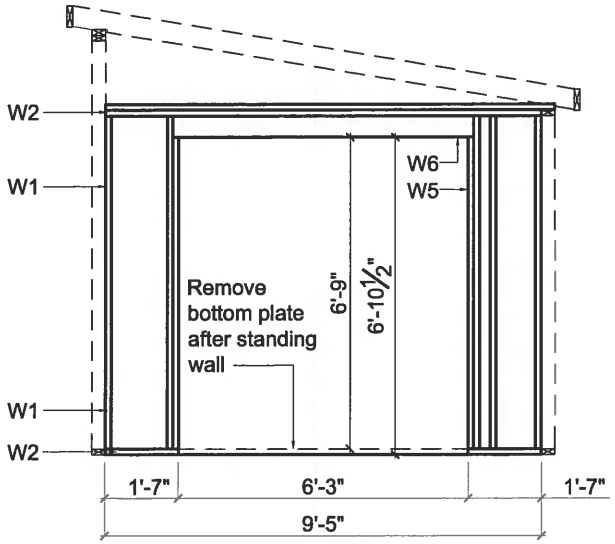


TALL WALL ALTERNATE WALL DOOR FRAMING PLAN



ALTERNATE WALL DOOR FRAMING PLAN

Wall Framing Plans 6.1

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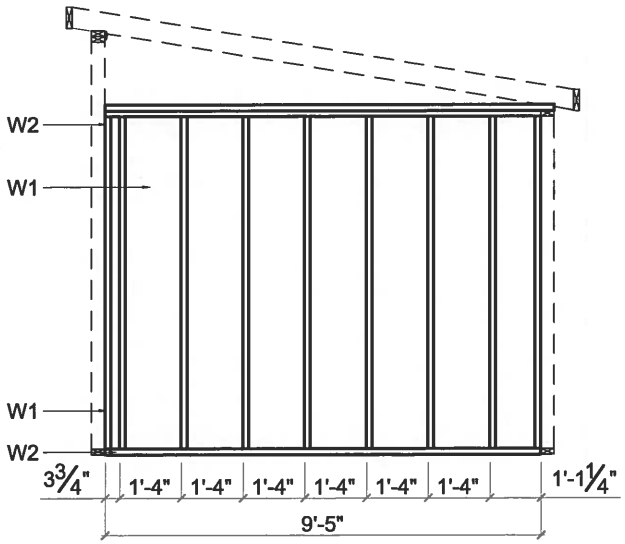
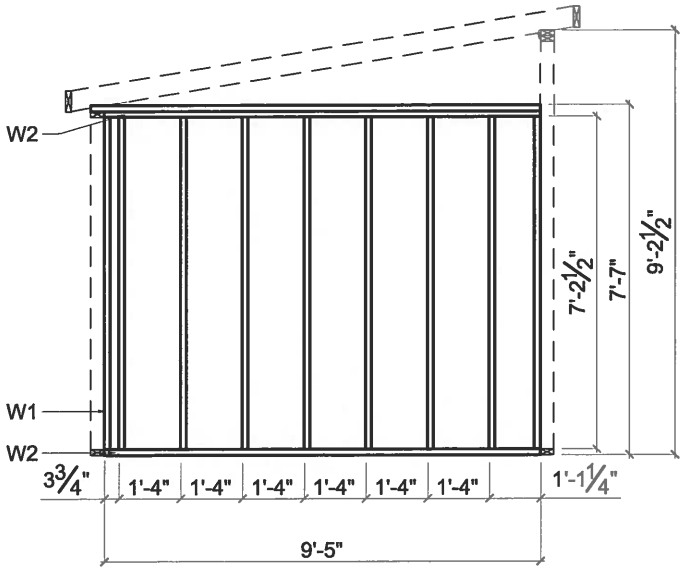


LEFT WALL FRAMING PLAN



RIGHT WALL FRAMING PLAN

Wall Framing Plans 6.2

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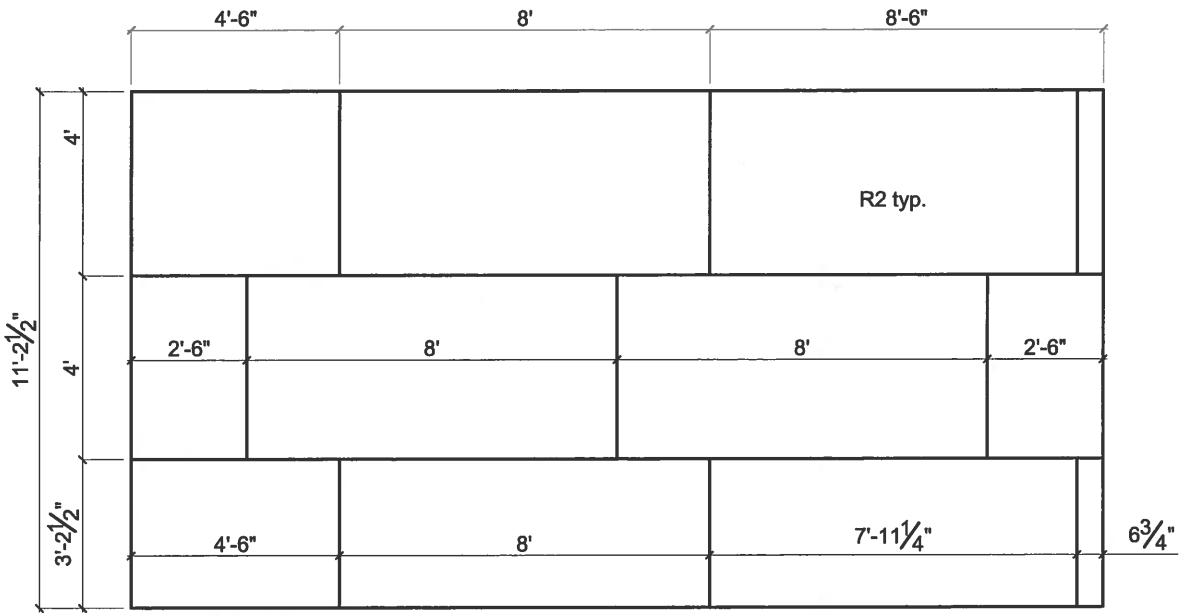
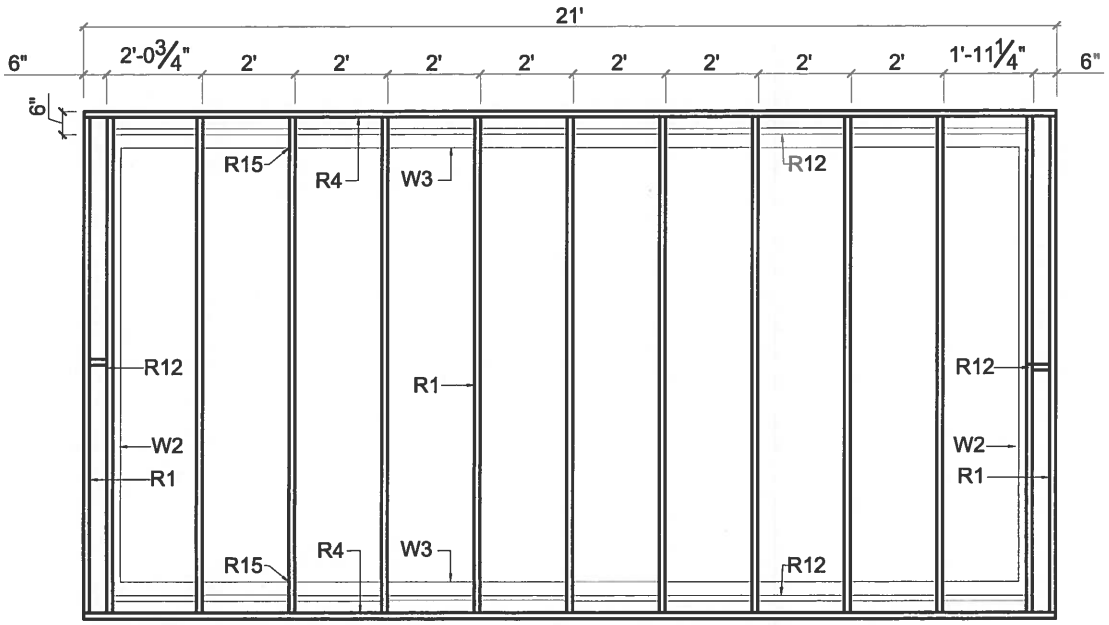


ROOF SHEETING PLAN



ROOF FRAMING PLAN

ROOF FRAMING MATERIALS

CODE	DESCRIPTION	LENGTH	QTY.
R1	2x6 Rafter/Fascia	12'-0"	13
R2	Plywood Roof Sheeting	4'x8'x ½" O.S.B.	9
R4	2x6 Fascia	12'-0"	4
R12	2x6 Blocking	10'-0"	4
R15	Simpson Hurricane Tie	H2.5	18

See exterior elevations for roofing materials.

Roof Framing Plan
Roof Sheeting Plan 7

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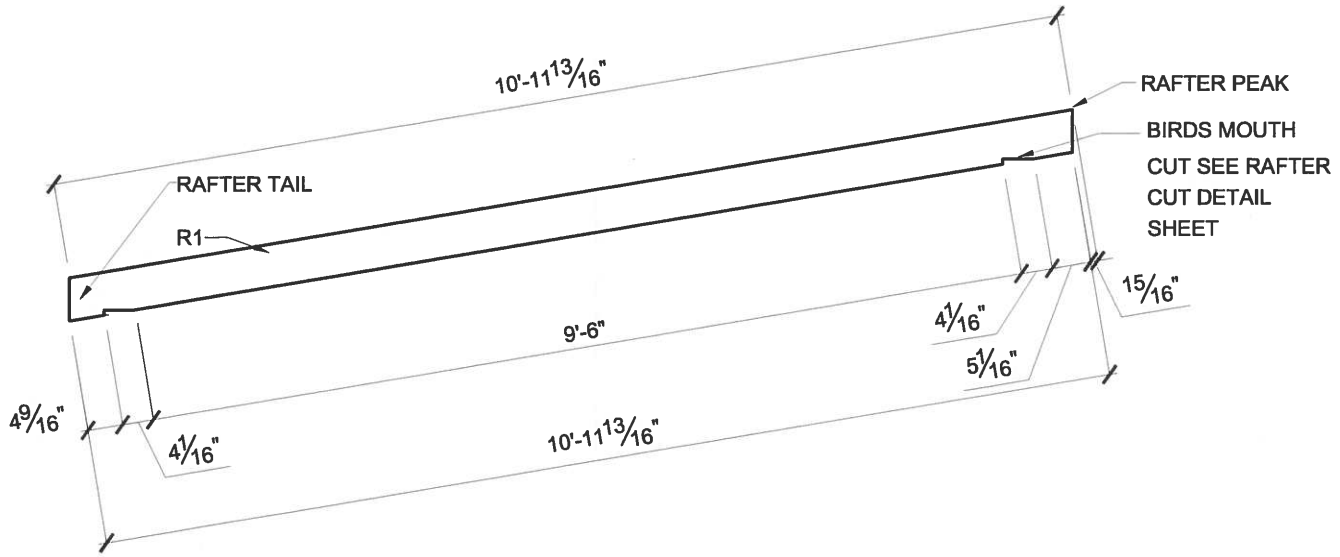

RAFTER DETAIL (R1) - 10'-0" Span - No Trim - 2X6

½"= 1'-0" SEE THE ROOF TRUSS TEMPLATE DETAIL FOR ANGLE CUTTING INFORMATION

Roof Rafter Details 7.1

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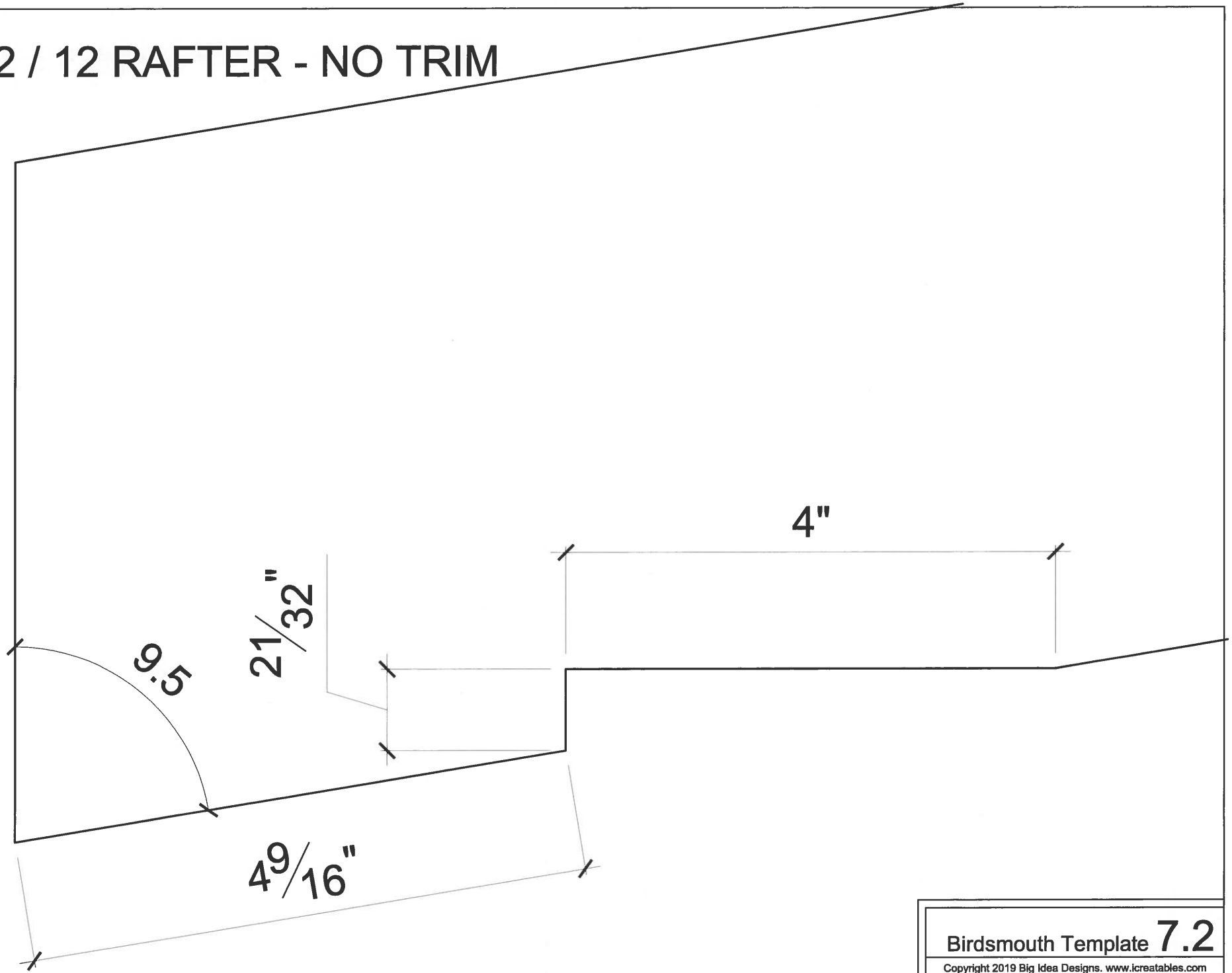
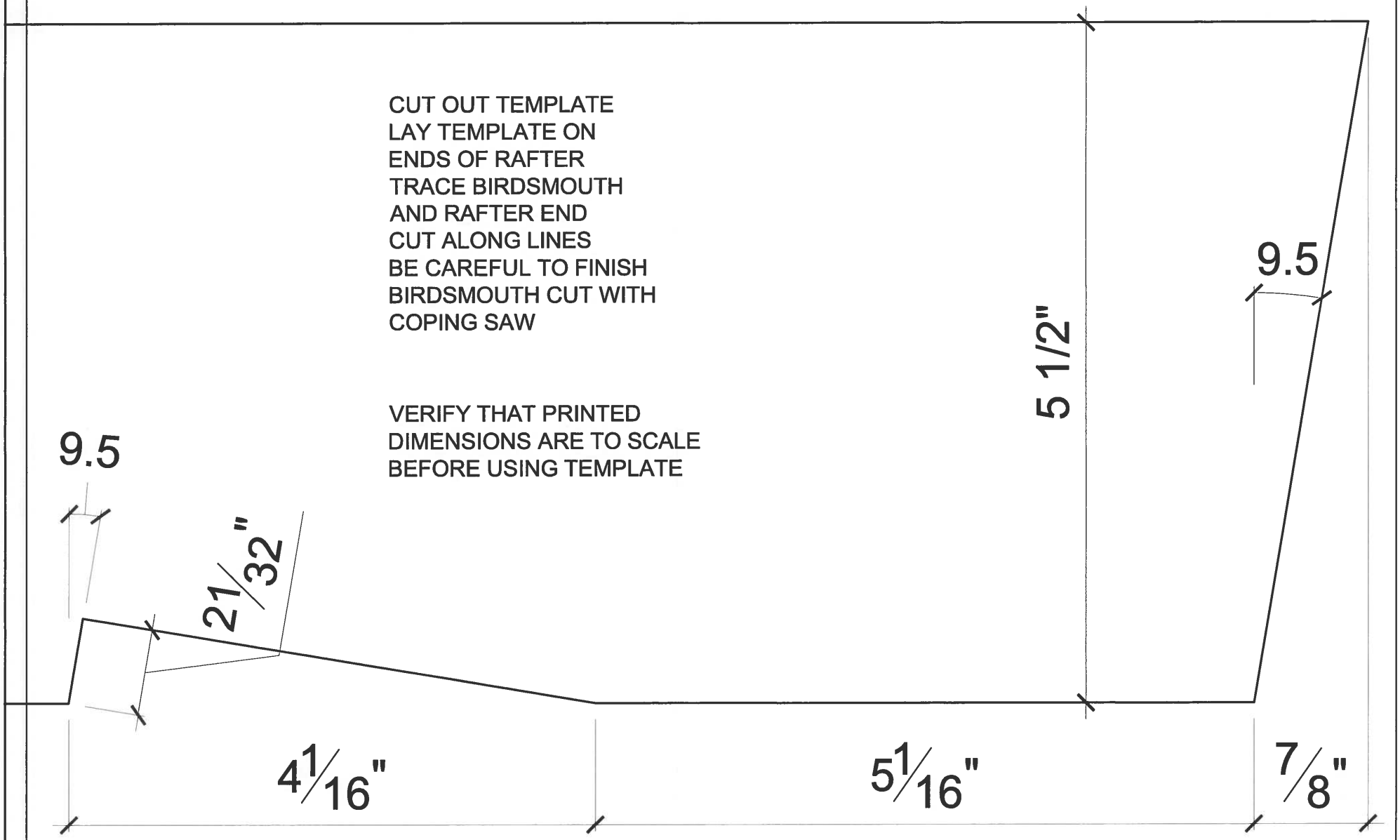
2 / 12 RAFTER - NO TRIM



Birdsmouth Template 7.2

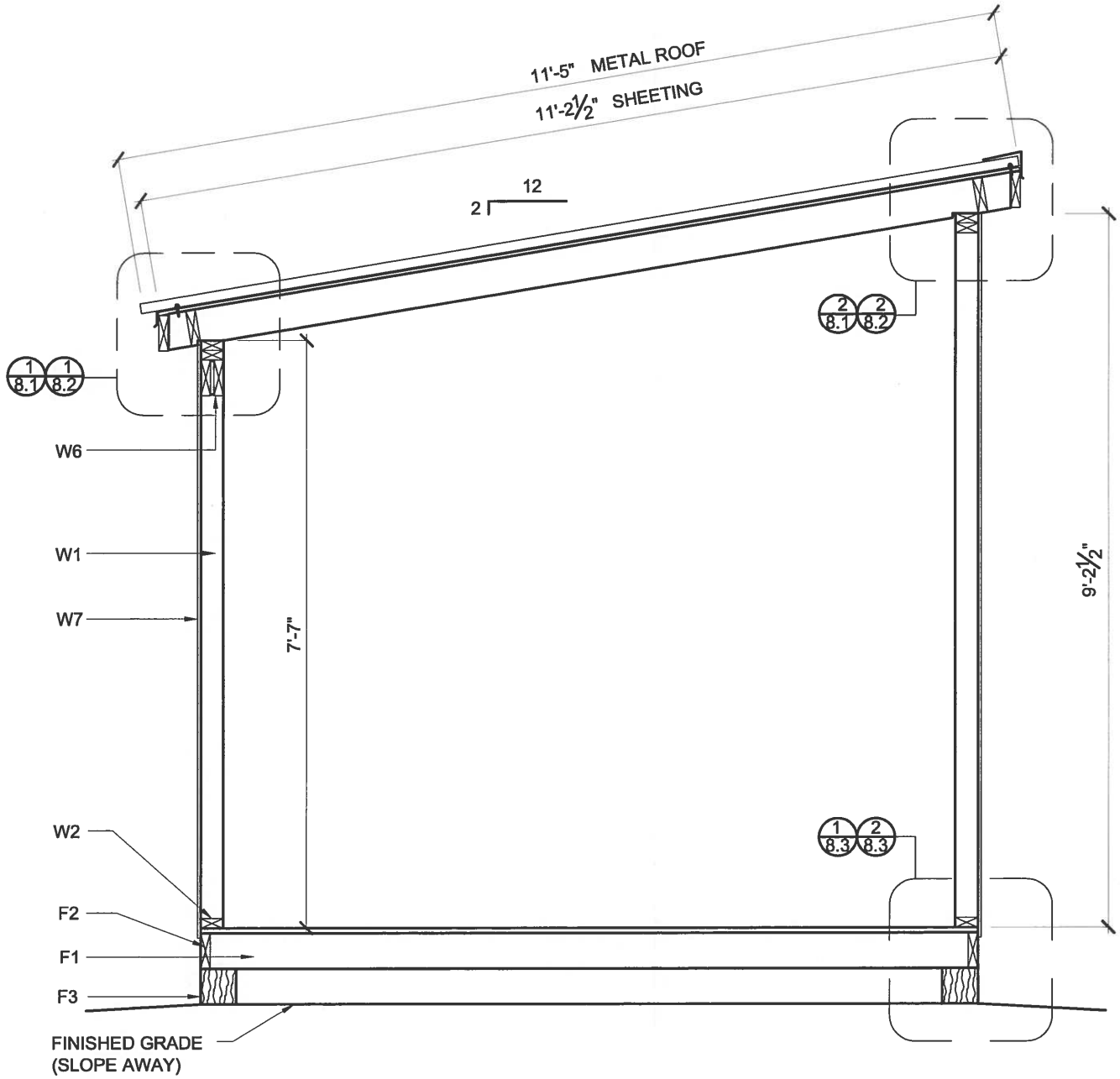
CUT OUT TEMPLATE
LAY TEMPLATE ON
ENDS OF RAFTER
TRACE BIRDSMOUTH
AND RAFTER END
CUT ALONG LINES
BE CAREFUL TO FINISH
BIRDSMOUTH CUT WITH
COPING SAW

VERIFY THAT PRINTED
DIMENSIONS ARE TO SCALE
BEFORE USING TEMPLATE



2 / 12 RAFTER - NO TRIM

Birdsmouth Template 7.3



BUILDING SECTION

¼"= 1'-0" See floor and wall plans for material call out deffinitions.

Section 8

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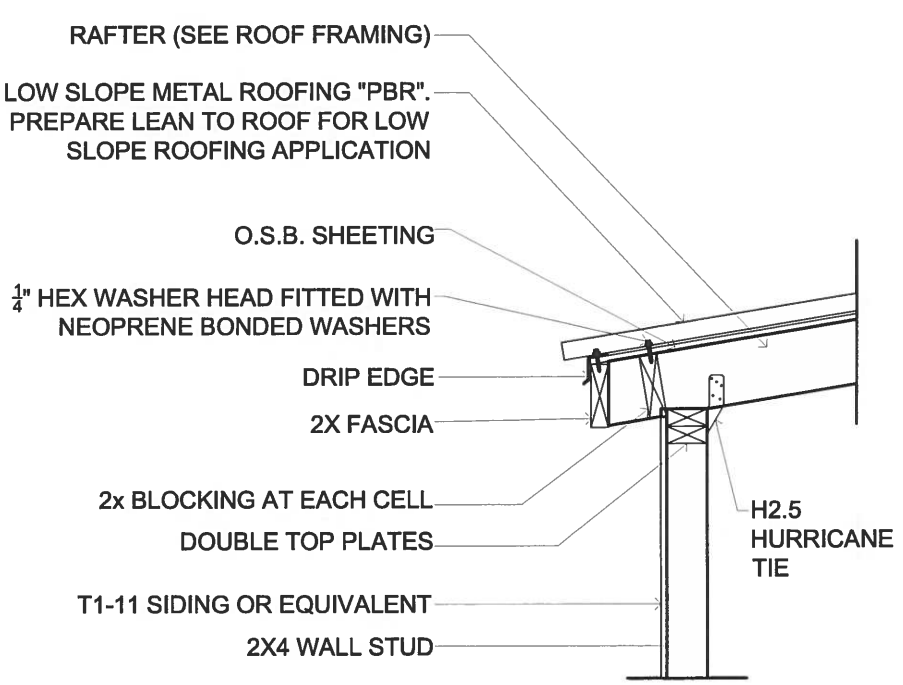
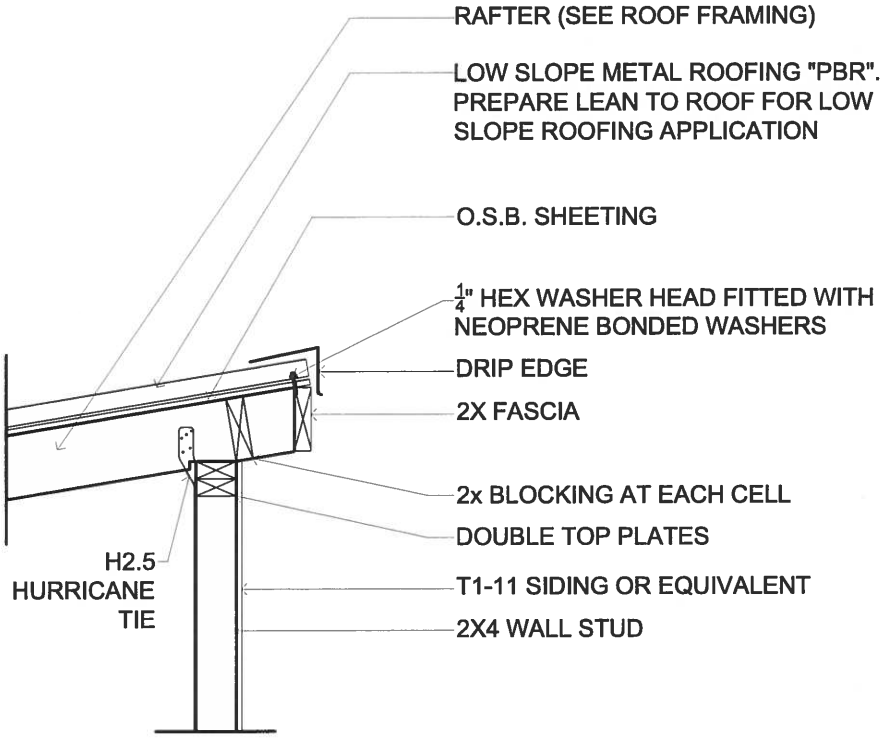


1 2X RAFTER LOWER EVE DETAIL - OPEN SOFFIT
¾" = 1'-0"



2 2x RAFTER UPPER EVE DETAIL - OPEN SOFFIT
¾" = 1'-0"

Roof Details 8.1

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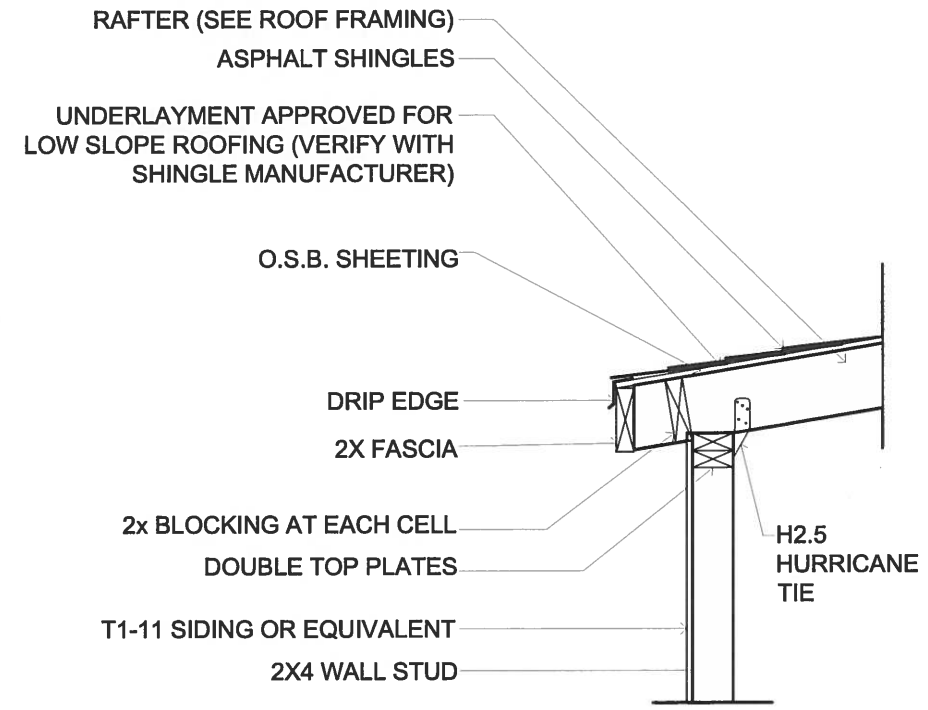
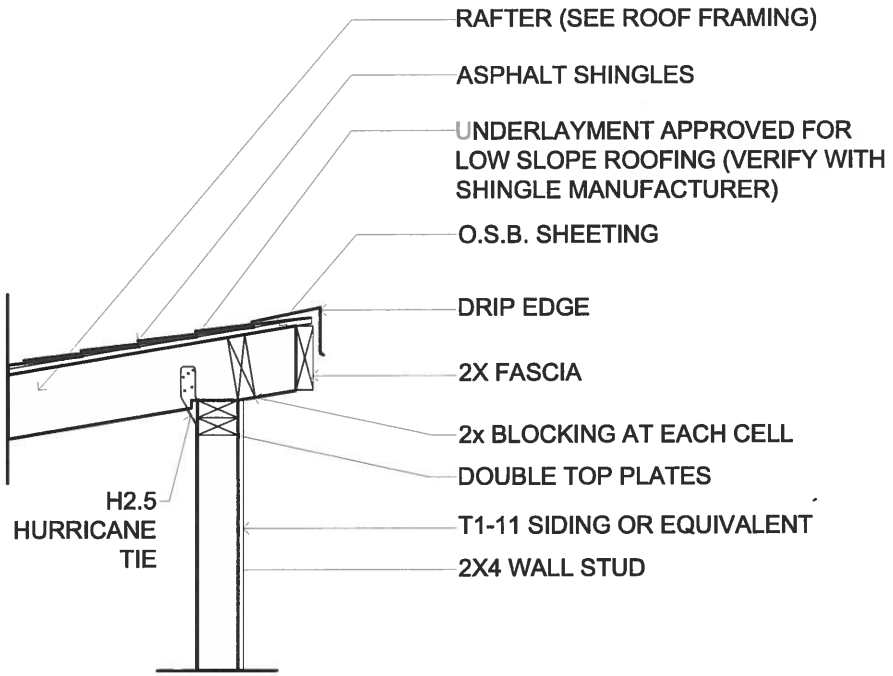


1 LOWER EVE DETAIL - OPEN SOFFIT - ASPHALT
¾" = 1'-0"



2 UPPER EVE DETAIL - OPEN SOFFIT - ASPHALT
¾" = 1'-0"

Roof Details 8.2

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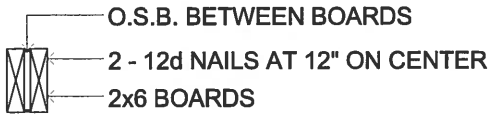
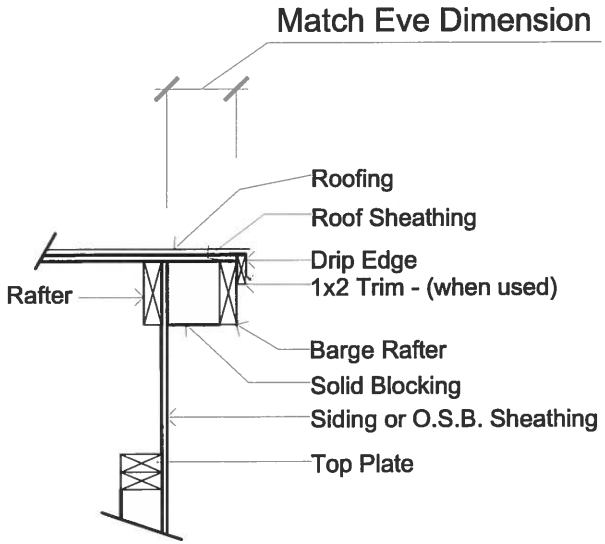


W6 2X6 HEADER DETAILS
¾" = 1'-0"



1 BOXED RAKE DETAIL - LEAN TO
¾" = 1'-0"

Section 8.4

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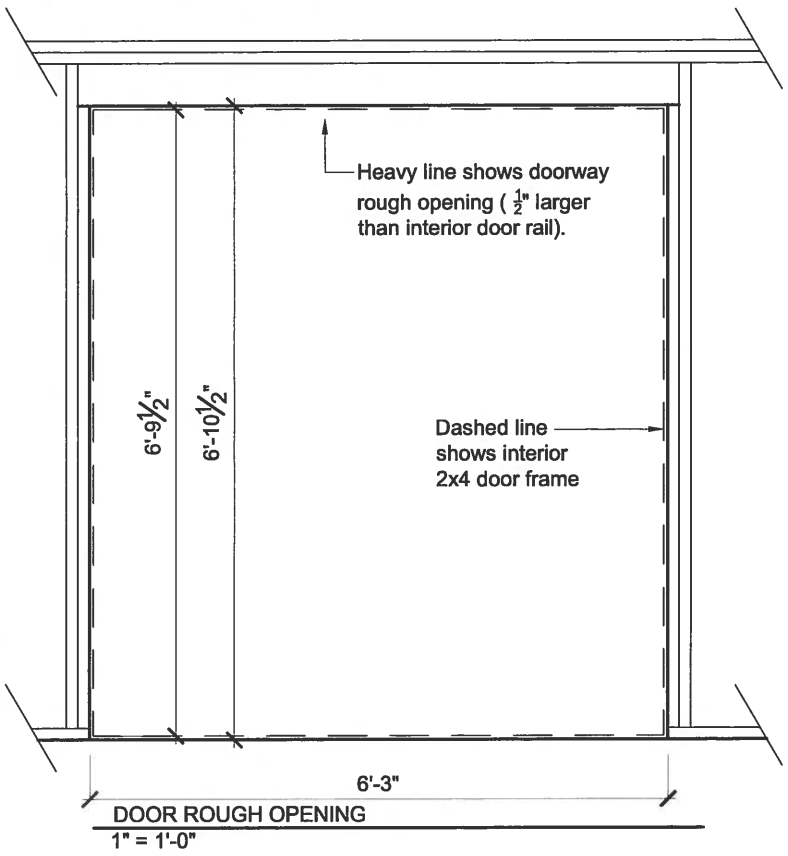
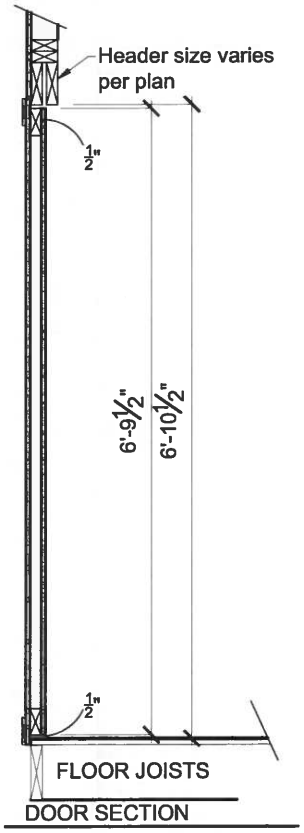


DOOR ROUGH OPENING
1" = 1'-0"



DOOR SECTION

DOOR MATERIALS

CODE	DESCRIPTION	LENGTH	QTY.
D1	Hinges	6"	6
D2	Lock per owner		
D3	O.S.B.	4x8x⅜"	2
D4	T1-11 Siding	4x8x½"	2
D5	2x4x8' lumber		6
D6	Spring Latch		2
T1	1x4 Trim	8'	6

FASTENERS

#9 flat head, Polymer 2 ½"" Exterior deck screws (Used to install trim to exterior.)	2 lb.
#8 flat head, Polymer 1 ⅝" Exterior deck screws (Used to install exterior and interior panels to door.)	2 lb.
#9 flat head, Polymer 3" Exterior deck screws (Used to install hinges.)	½ lb.

DOOR BUILDING NOTES:

- The shed door should be built after the shed door opening is framed and sheeted to ensure that the door will fit the finished opening. Modify the door plan as necessary to ensure that it will fit the opening that is built on the jobsite.

The door is built by sandwiching a 2x4 frame between a sheet of O.S.B. on the inside of the shed and a sheet of T1-11 siding on the outside. The following steps correspond to the steps shown below.

FASTENERS - Attach all boards and trim using exterior grade screws. The length of the screws varies depending on the thickness of the boards being used.

STEP 1 - Cut out the interior sheet of O.S.B. Make sure that the panel is square by checking the diagnals across the panel. The diagonals should be the same.

STEP 2 - Cut out the 2x4 rails using the dimensions shown. Screw the rails to the rough side of the O.S.B. Using 1 ⅝" deck screws. Make sure that the edges are flush.

STEP 3 - Cut out the exterior panel to the dimensions shown in the step 3 drawings. Attach the exterior panel to the rail and panel assemby you put together in step 2 sandwiching the 2x4 rails in between the O.S.B. and the T1-11 siding. Make sure the reveals match the dimensions shown on the plans.

STEP 4 - Install trim on top of the T1-11 or rough cut plywood panel per your shed design using 2 ½" deck screws.

STEP 5 - Install the door(s) by putting a shim along the bottom of the shed door opening that is approximately ½" thick. Rest the door on the shim and make sure the reveal between the interior door rails and the shed door opening are all the same, adjust the size of the shim to make the reveals match.

HINGES: With the door in place, screw the hinges to the doors and on top of the trim on the shed and doors. Install the hinges so that the screws go into the 2x4 door rails using 3" screws. Remove the shims and the door should swing freely. Install door locking hardware per manufacturers instructions. Double doors will require two spring latches to hold the inner door in place while the second door locks to it.

6068 Door 1

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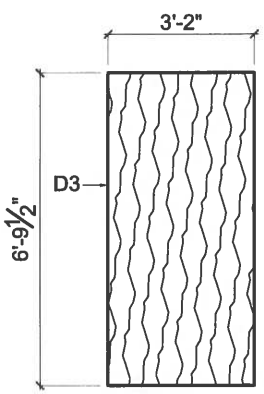
LEFT door building steps

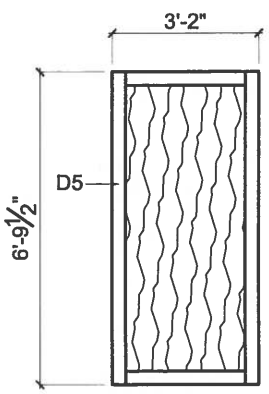
¼"= 1'-0"

Step 1



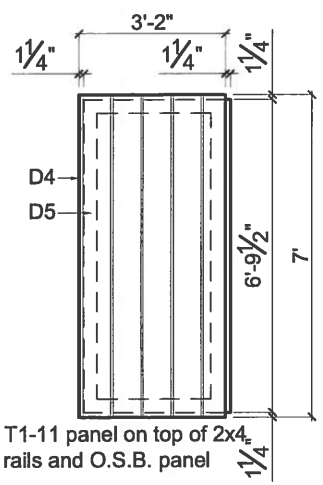
O.S.B. panel

Step 2



O.S.B. panel with 2x4 rails screwed on

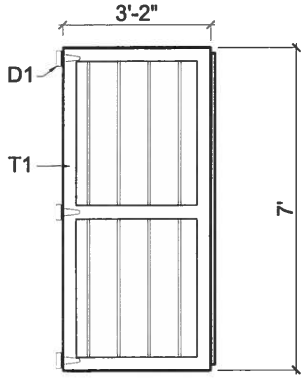
Step 3



T1-11 panel on top of 2x4 rails and O.S.B. panel

Hold back siding 1¼" on door to act as a door stop for the right hand door.

Step 4

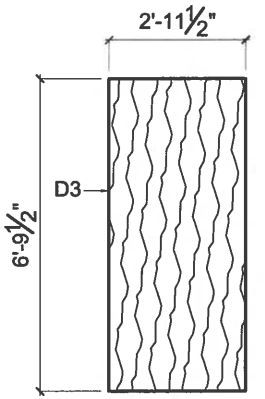


T1-11 panel with 1x4 trim and door hardware.

RIGHT door building steps

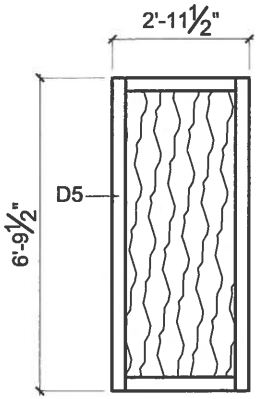
¼"= 1'-0"

Step 1



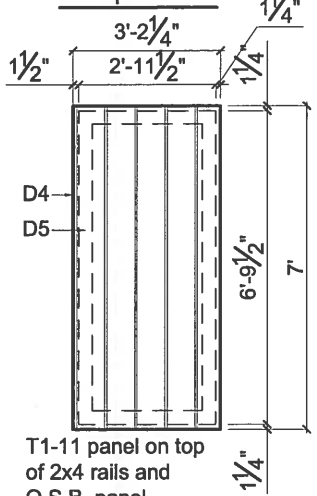
O.S.B. panel

Step 2



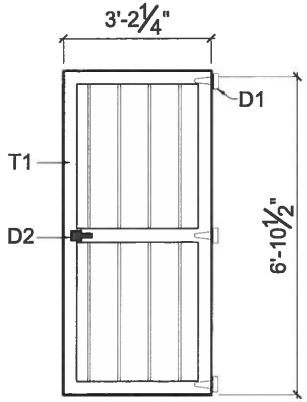
O.S.B. panel with 2x4 rails screwed on

Step 3



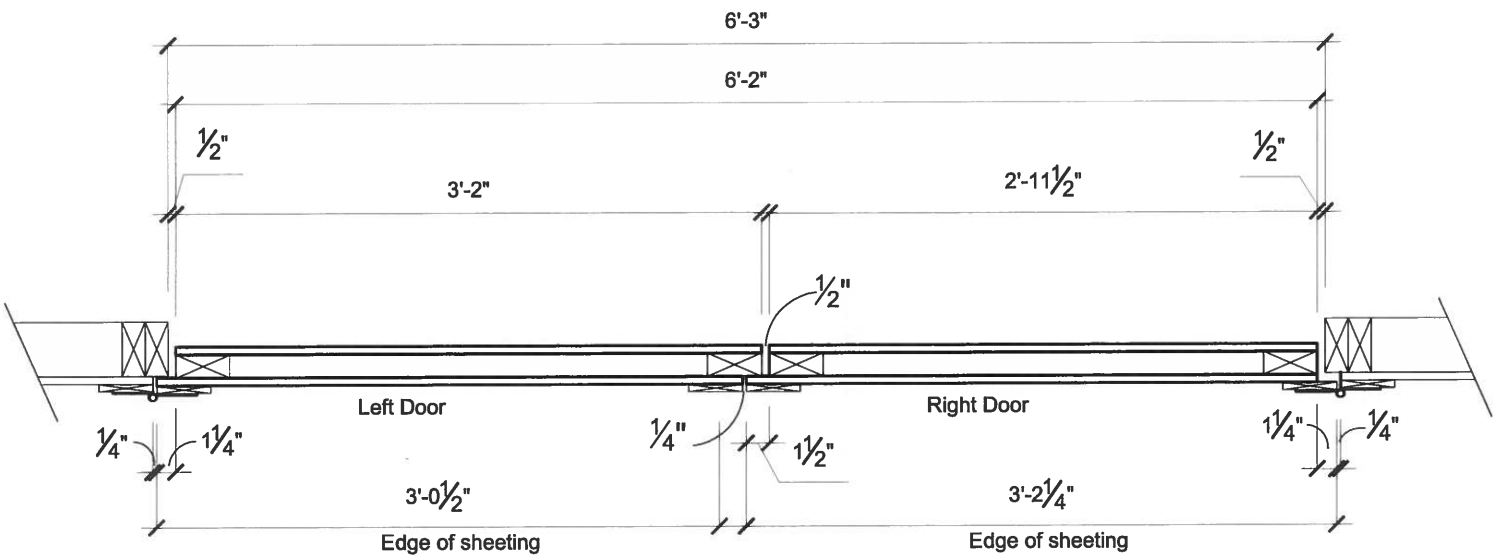
T1-11 panel on top of 2x4 rails and O.S.B. panel

Step 4



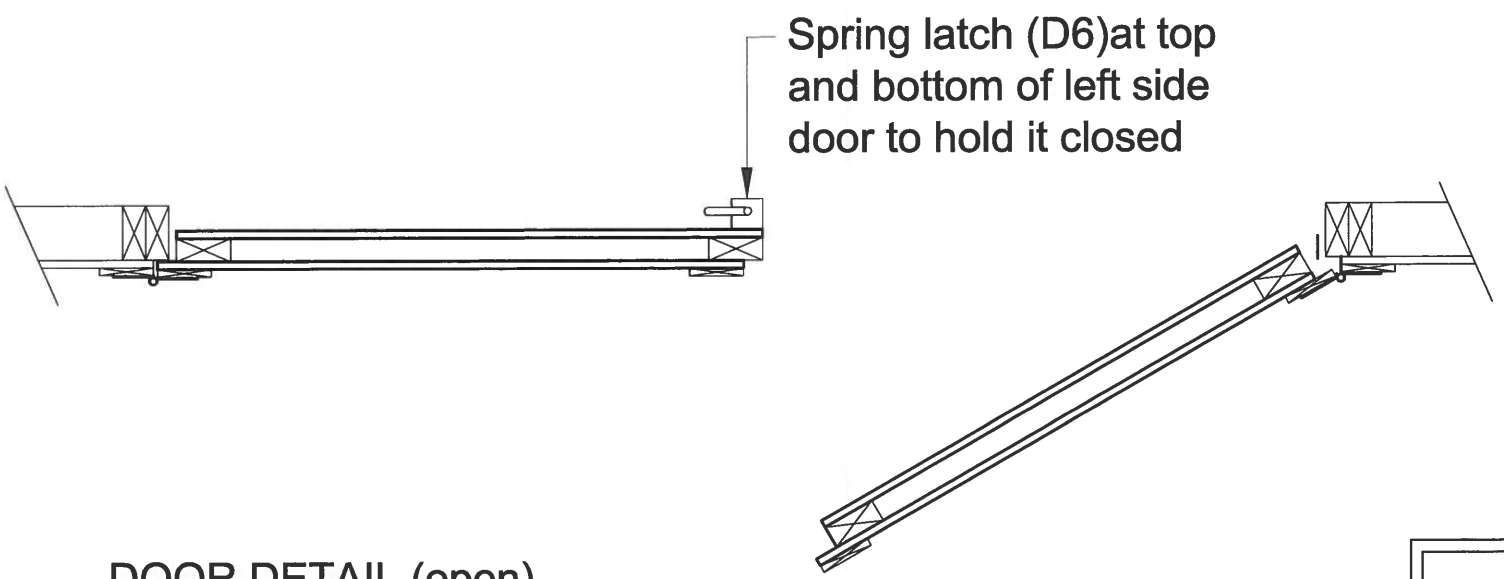
T1-11 panel with 1x4 trim and door hardware.

6068 Door 2



DOOR DETAIL (closed)

1" = 1'-0"



DOOR DETAIL (open)

1" = 1'-0"

6068 Door 3

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