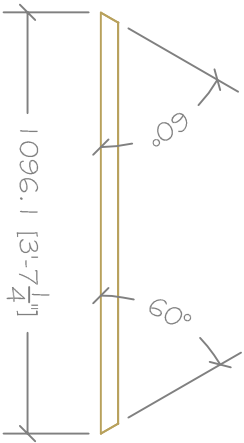
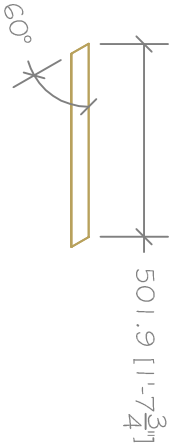




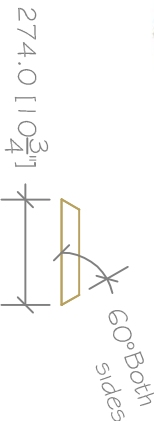
Note: 45x90 [2x4] Typical



1 Base Plate (x4)
Scale 1:500



3 Nesting Header (x1)
Scale 1:500



2 Nest Door Plate (x1)
Scale 1:500

Notes:

- 1) These drawings are intended as a construction guide.
- 2)Materials, veneers, connections, hinges, etc are determined by the builder. It is the responsibility of the builder to verify dimensions.
- 3) Always measure dimensions carefully and label each piece individually.
- 4) Number of pieces are marked below each detail.

Material List			
Description	mm	english	Quantity
Base Plate	45x90x1200	2x4x4'	4
Nesting Door Plate	45x90x600	2x4x2'	1
Nesting Header	45x90x600	2x4x2'	1
General Header	45x90x300	2x4x1'	4

3D
concepts

15726 N. Park Dr.
Frenchtown, MT, USA 59834

Cell: 406-546-6672
Phone: 406-626-4522

Title:
Construction Detail

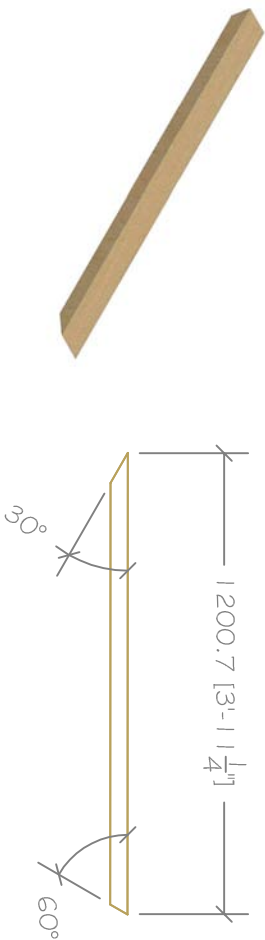
Drawn: JSJG
Revisions: 0

Date: 05-Jan-2009

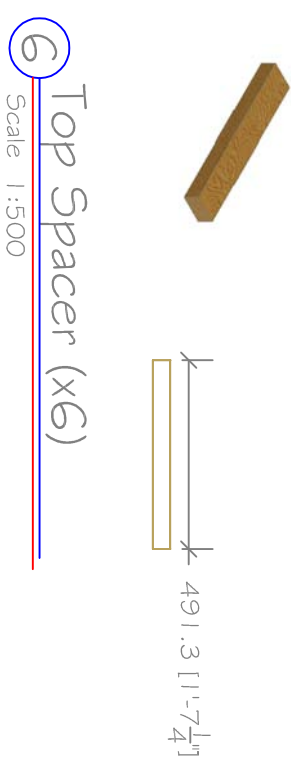
Approved:

Drawing: 1

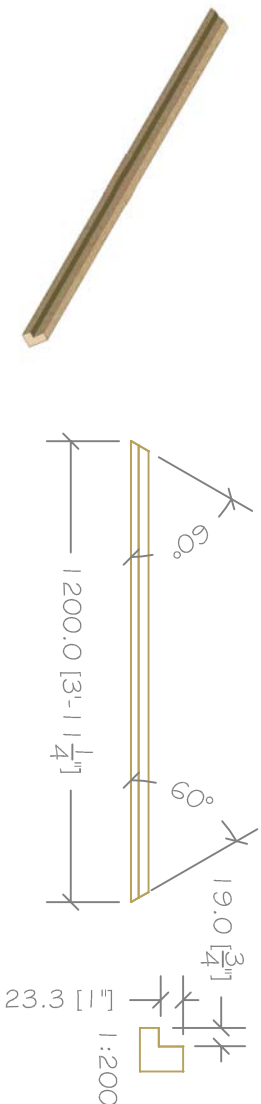
Scale: Specified



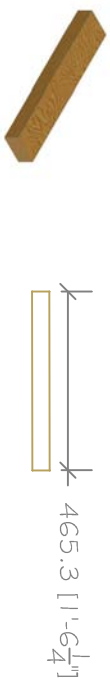
5 Side Plate (x8)
Scale 1:500



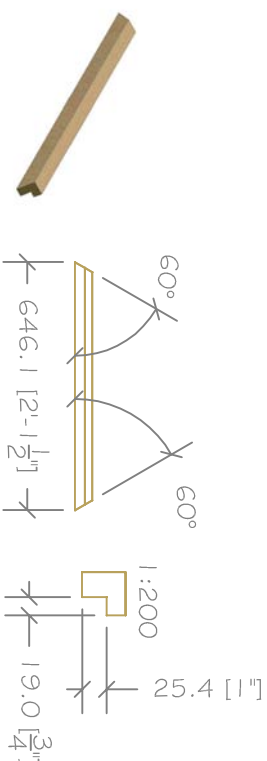
6 Top Spacer (x6)
Scale 1:500



7 Bottom Track (x1)
Scale 1:500



8 Bottom Spacer (x6)
Scale 1:500



2 Top Track (x1)
Scale 1:500

Notes:

- 1) These drawings are intended as a construction guide.
- 2) Materials, veneers, connections, hinges, etc are determined by the builder. It is the responsibility of the builder to verify dimensions.
- 3) Always measure dimensions carefully and label each piece individually.
- 4) Number of pieces are marked below each detail.

Material List

Description	mm	Dimensions	english	Quantity
Side Plate	45x90x1500	2x4x4'		8
Bottom Spacer	45x90x600	2x4x2'		6
Top Spacer	45x90x600	2x4x2'		6
Bottom Track	45x90x1200	2x4x4'		1
Top Track	45x90x900	2x4x4'		1

15726 N. Park Dr.
Frenchtown, MT, USA 59834

Cell: 406-546-6572
Phone: 406-626-4522

Title: Construction Detail

Drawn: JSYG

Revised: 0

Date: 05-Jan-2009

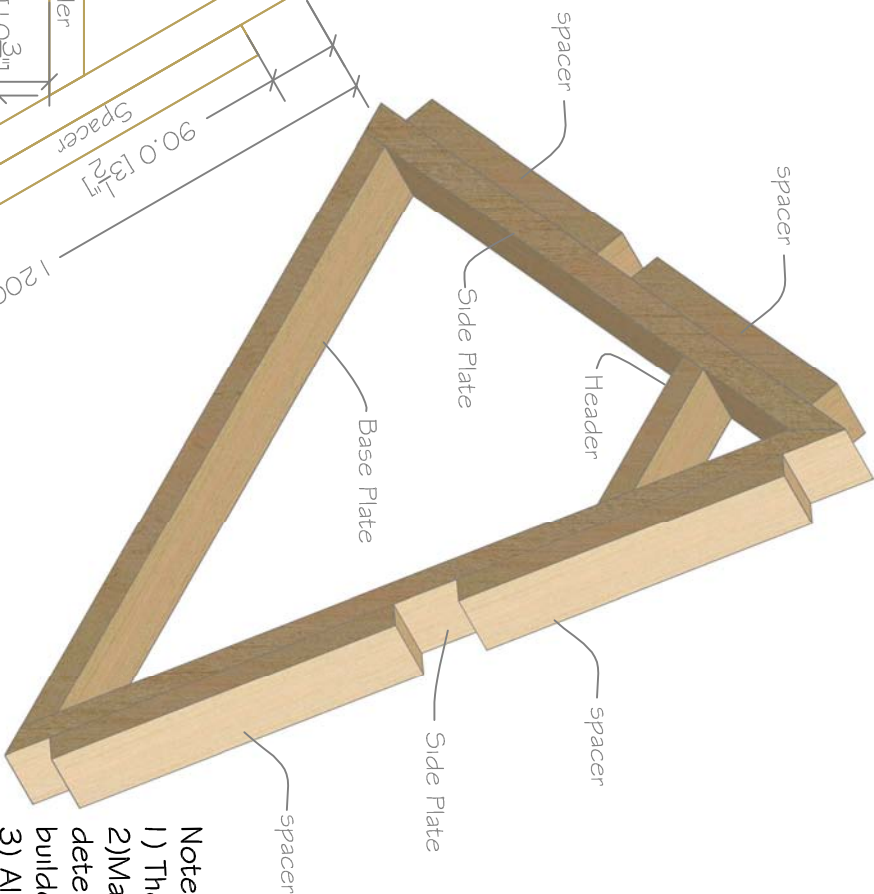
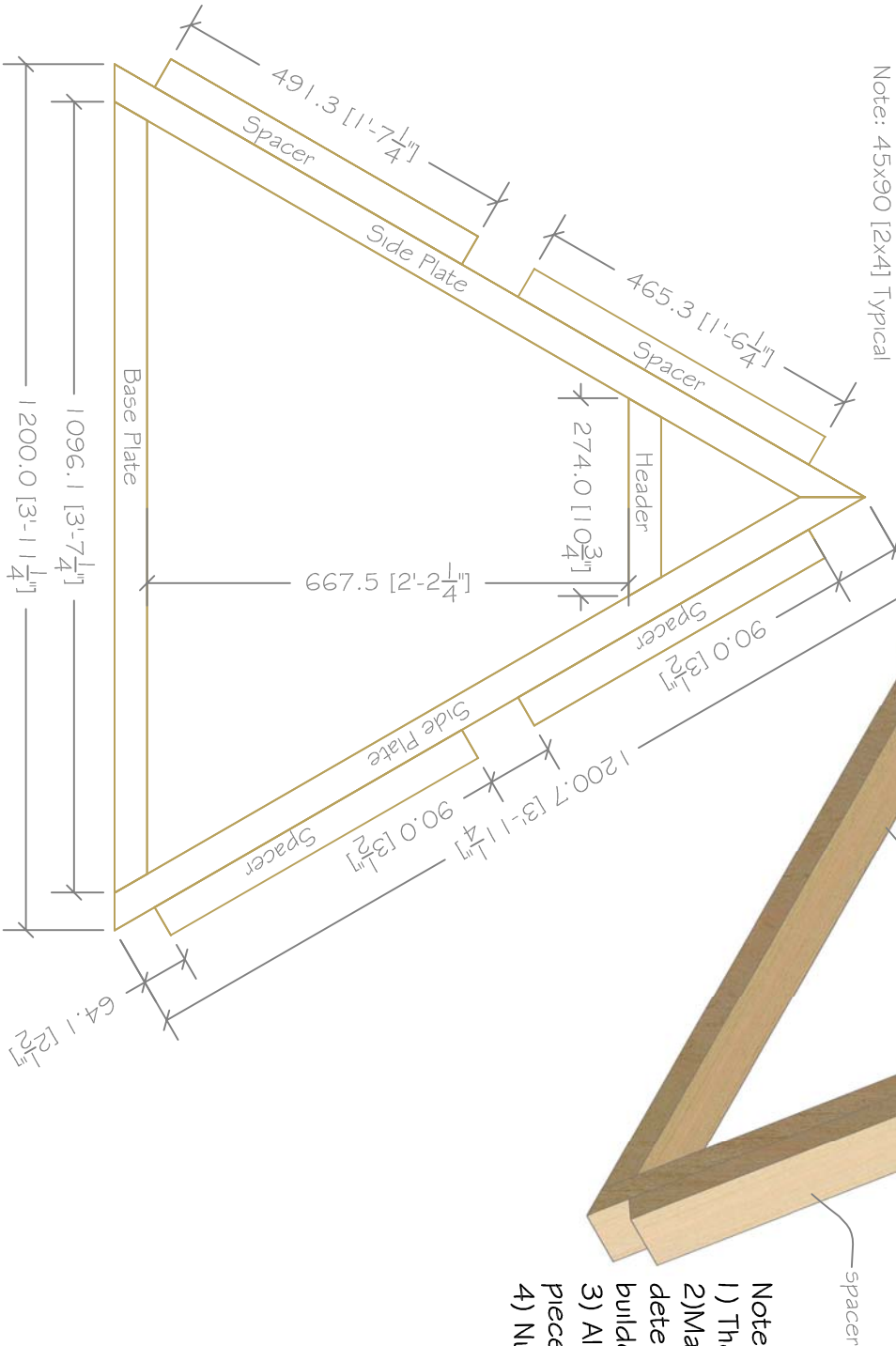
Scale: Specified

Approved:

Drawing: 2

INSTRUCTIONS:

- 1) Use 1 base plate, 2 side plates, 2 bottom spacers, 2 top spacers and a general header.
- 2) Carefully connect plates as shown using #20 to #30 torque head screws 60 mm (or equivalent) straight into the connecting piece.
- 3) Measure header location as detailed and mark location on side plates. Connect by screwing in straight into the header.
- 4) Mark spacers to make sure horizontal supports will fit between.

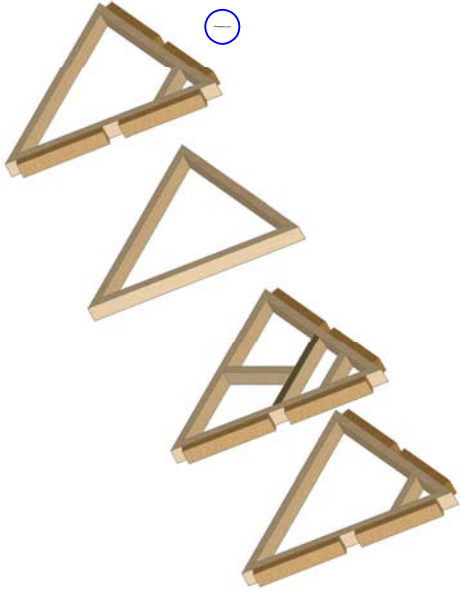


Notes:


- 1) These drawings are intended as a construction guide.
- 2) Materials, veneers, connections, hinges, etc are determined by the builder. It is the responsibility of the builder to verify dimensions.
- 3) Always measure dimensions carefully and label each piece individually.
- 4) Number of pieces are marked below each detail.

Entrance Const. Details

Scale 1:250



Material List			
Description	mm	english	Quantity
Top Spacer	45x90x600	2x4x2'	2
Bottom Spacer	45x90x600	2x4x2'	2
Side Plate	45x90x1500	2x4x4'	2
Base Plate	45x90x1200	2x4x4'	1
Header	45x90x300	2x4x1'	1



3D concepts

15726 N. Park Dr.
Frenchtown, MT, USA 59834

Cell: 406-546-6672
Phone: 406-626-4522

Title: Construction Detail

Drawn: JSG
Revision: 0

Approved: [Signature]
Drawing: 3

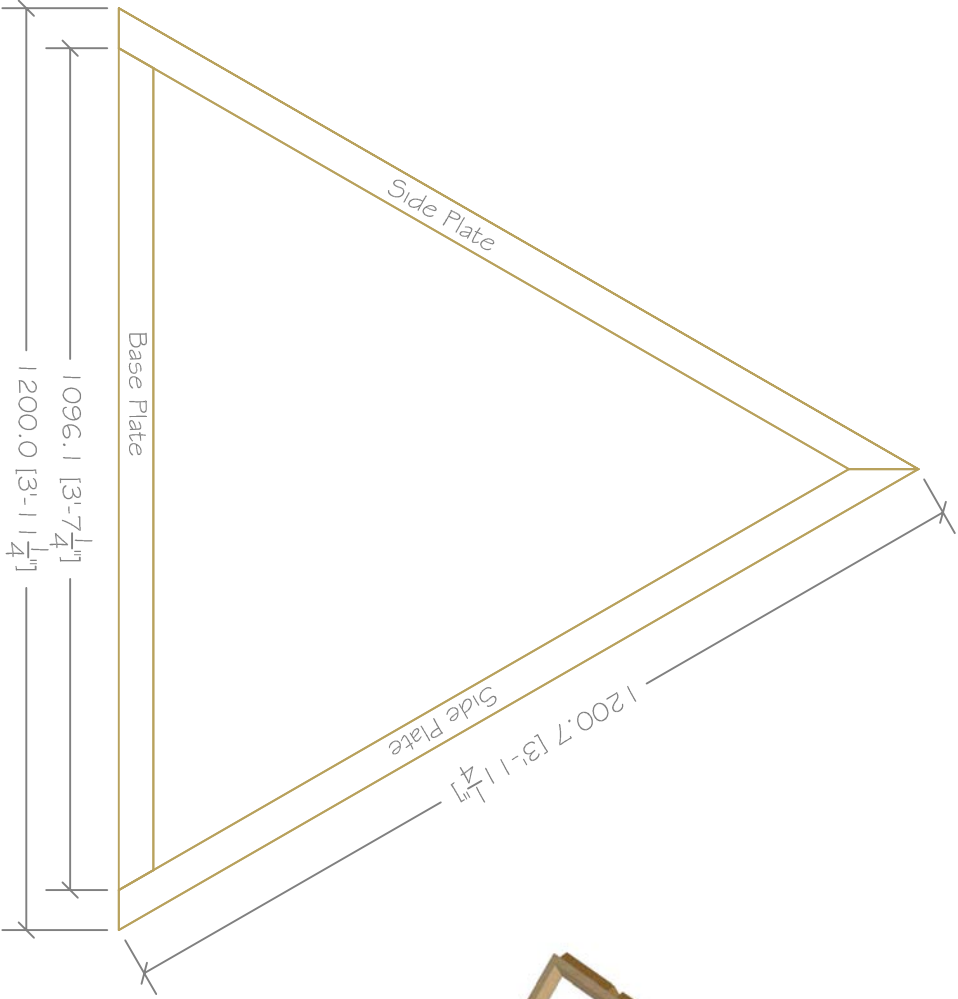
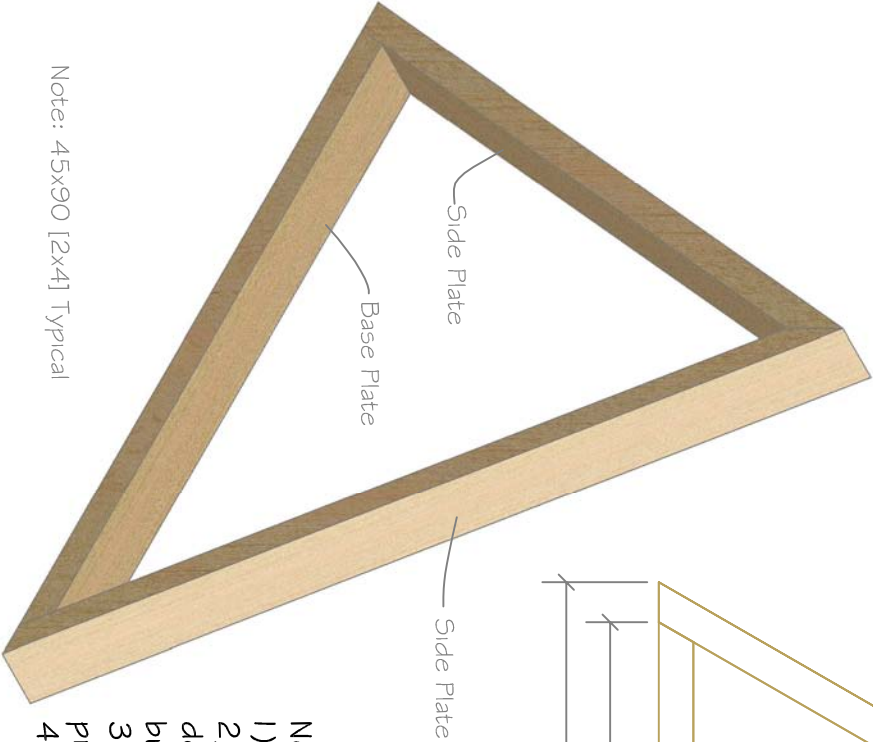
Date: 05-Jan-2009

Scale: Specified

INSTRUCTIONS:

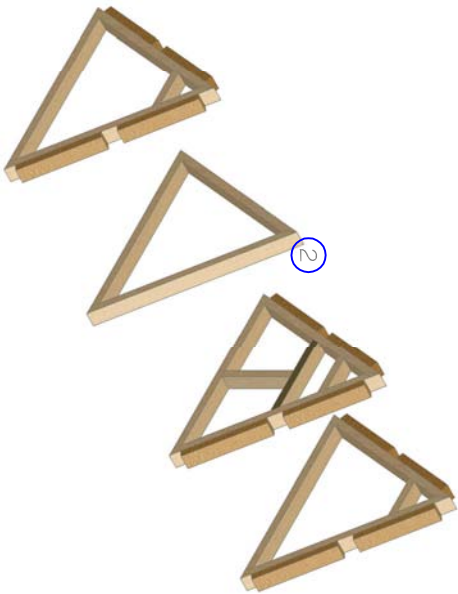
- 1) Use 1 base plate and 2 side plates.
- 2) Carefully connect plates as shown using #20 to #30 torque head screws 60 mm (or equivalent) straight into the connecting piece.

NOTE: If connecting to a platform, the base plate may be used as a spacer. Tack the baseplate to the sideplates for easy removal and ancor the side plates to the platform.



Notes:

- 1) These drawings are intended as a construction guide.
- 2) Materials, veneers, connections, hinges, etc are determined by the builder. It is the responsibility of the builder to verify dimensions.
- 3) Always measure dimensions carefully and label each piece individually.
- 4) Number of pieces are marked below each detail.




Support Const. Details

Scale 1:250

Material List

Description	Dimensions mm	english	Quantity
Side Plate	45x90x1500	2x4x4'	2
Bottom Plate	45x90x1200	2x4x4'	1



3D
concepts

15726 N. Park Dr.
Frenchtown, MT, USA 59834

Cell: 406-546-6572
Phone: 406-626-4522

Title: Construction Detail

Drawn: JSJG

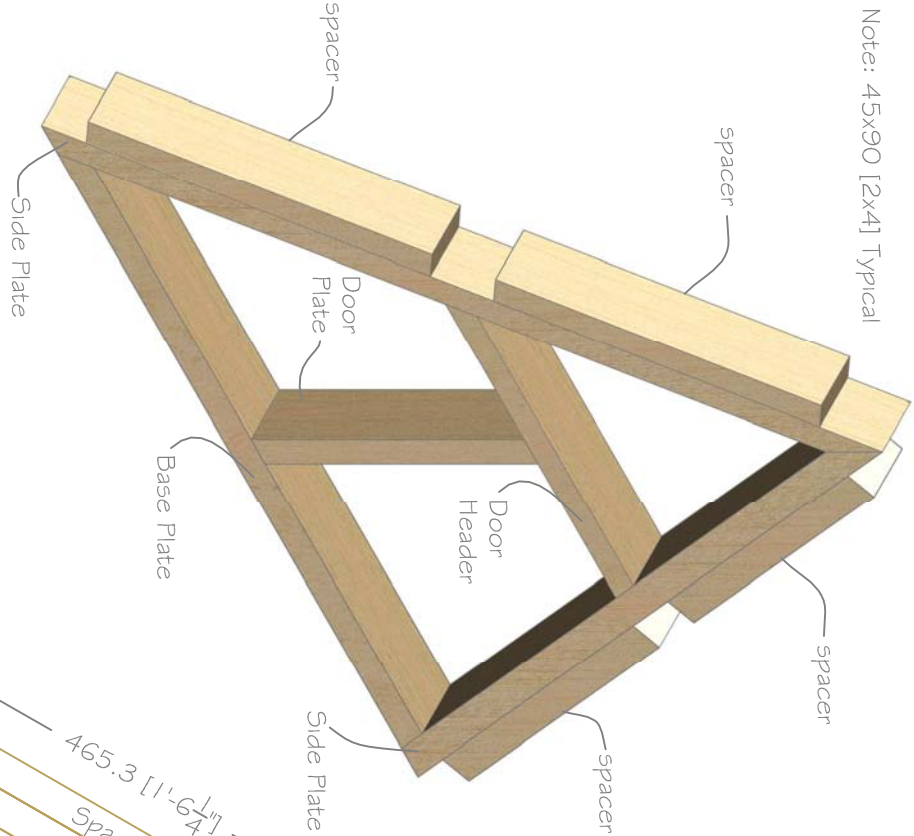
Revisions: 0

Date: 05-Jan-2009

Approved:

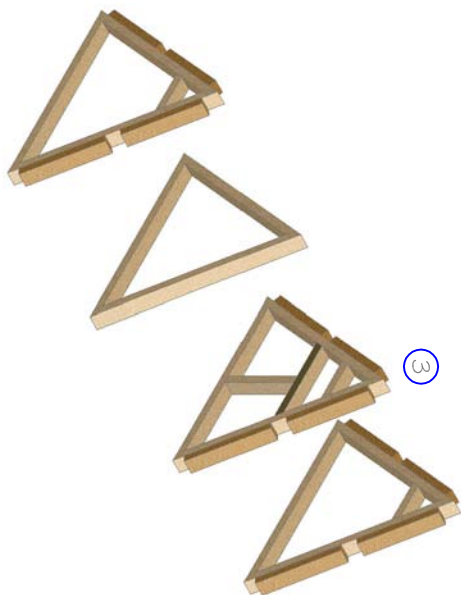
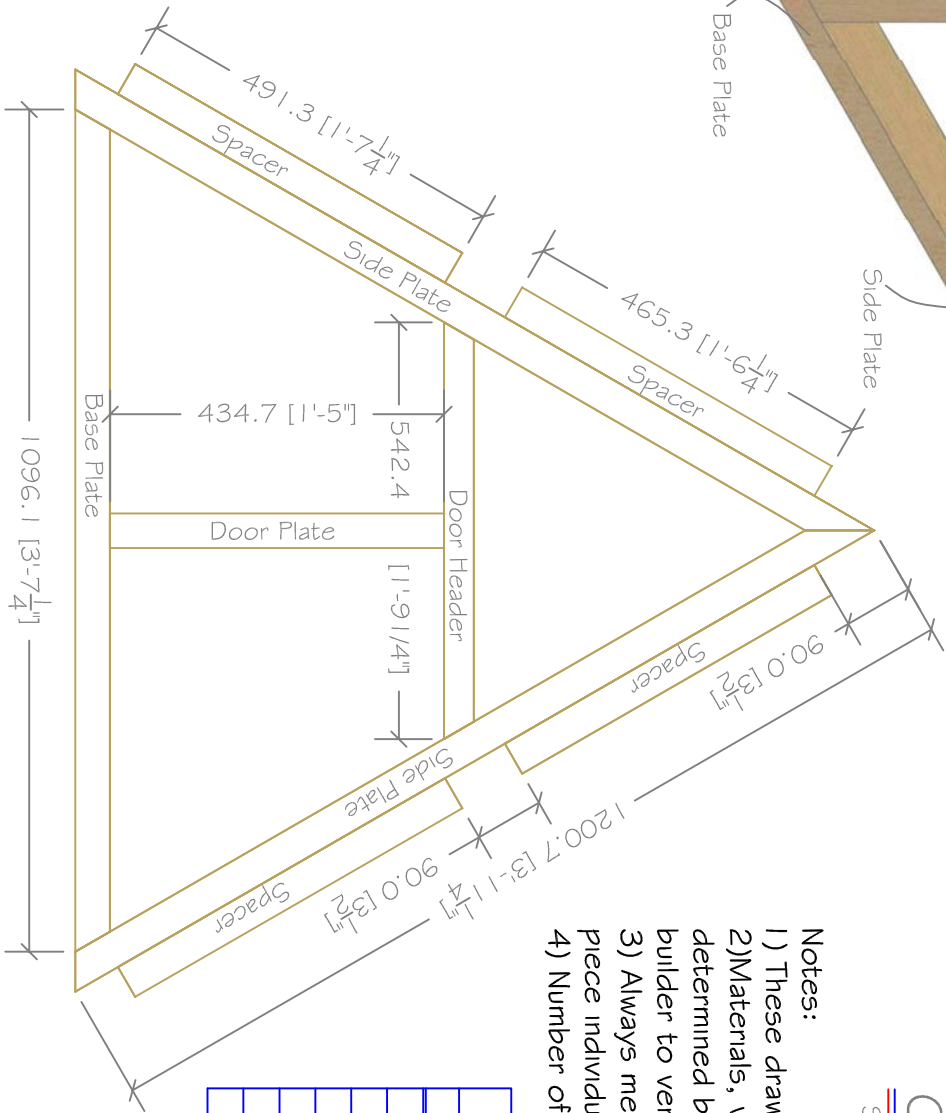
Scale: Specified

Note: 45x90 [2x4] Typical



INSTRUCTIONS:

- 1) Use 1 base plate, 2 side plates, 2 bottom spacers, 2 top spacers, and a general header.
- 2) Carefully connect plates as shown using #20 to #30 torque head screws 60 mm (or equivalent) straight into the connecting piece.
- 3) Mark the centerline of the baseplate and crew through bottom of baseplate into door plate.




Coop Entrance Details

Scale 1:250

Notes:

- 1) These drawings are intended as a construction guide.
- 2) Materials, veneers, connections, hinges, etc are determined by the builder. It is the responsibility of the builder to verify dimensions.
- 3) Always measure dimensions carefully and label each piece individually.
- 4) Number of pieces are marked below each detail.

Material List			
Description	mm	english	Quantity
Top Spacer	49x90x600	2x4x3'	2
Bottom Spacer	49x90x600	2x4x3'	2
Door Jamlb	45x90x600	2x4x2'	1
Door Header	45x90x600	2x4x2'	1
Side Plate	45x90x1500	2x4x4'	2
Base Plate	45x90x1200	2x4x4'	1



15726 N. Park Dr.
Frenchtown, MT, USA 59834

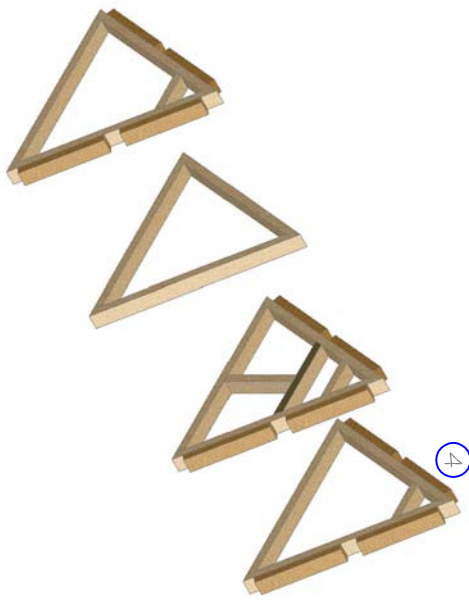
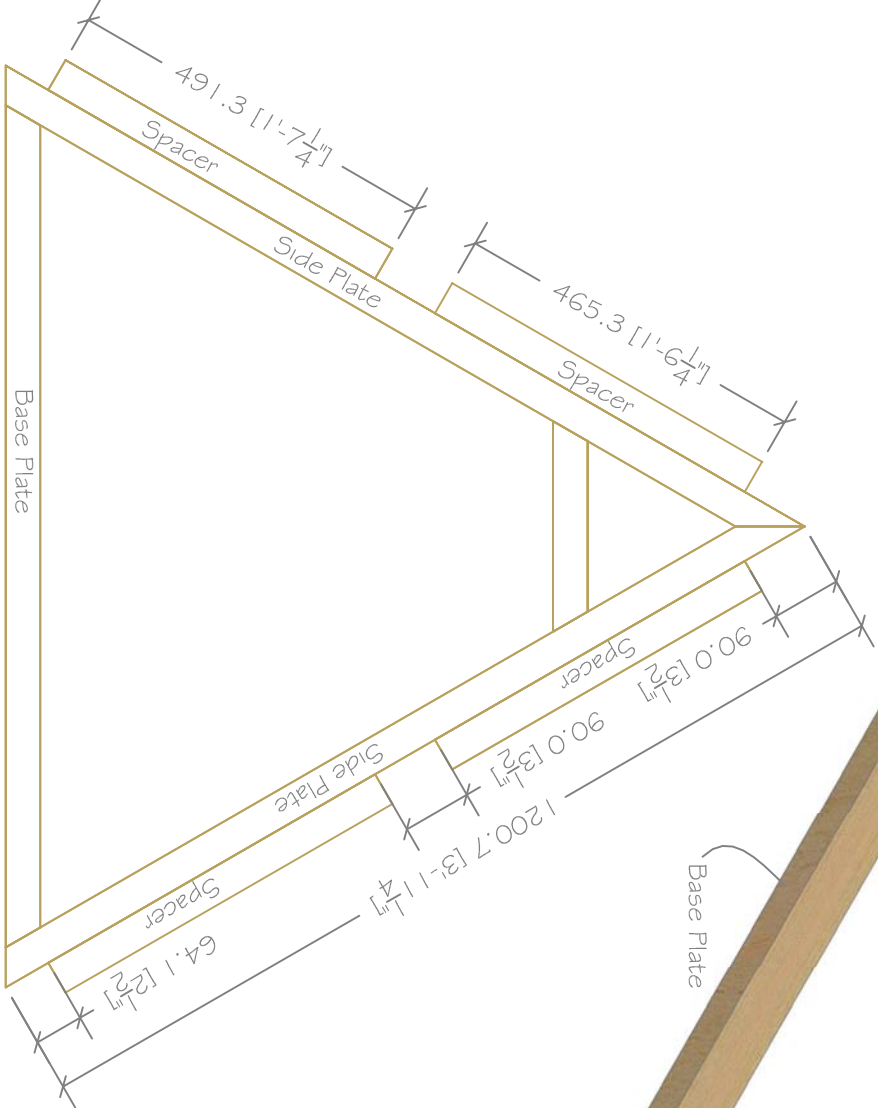
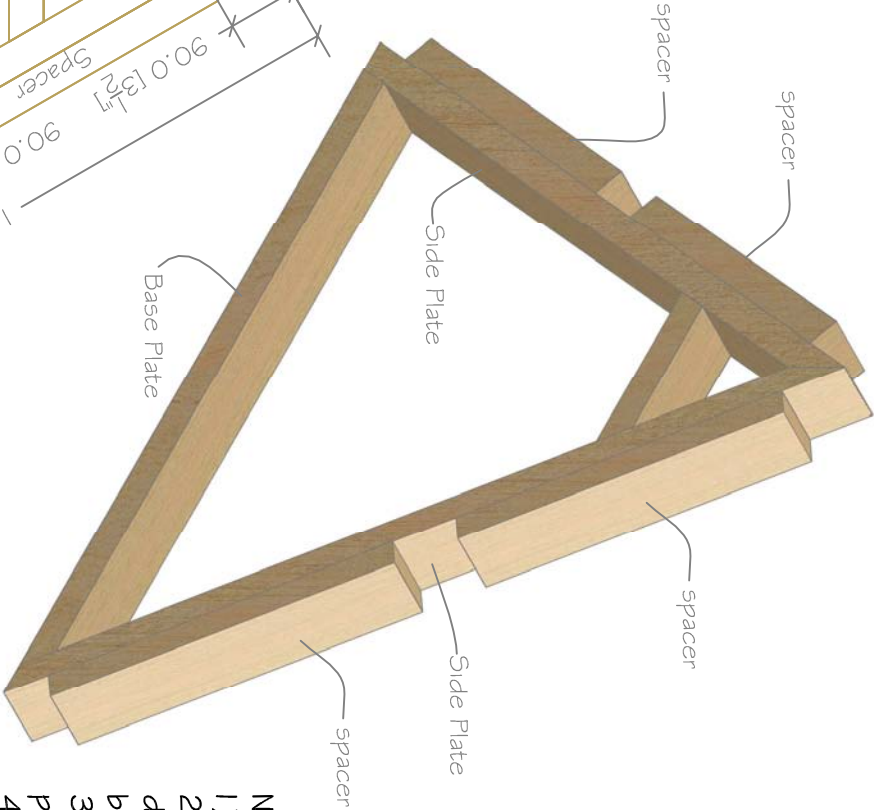
Cell: 406-546-6572
Phone: 406-626-4522

Drawn: JSJG
Revisions: 0
Approved:

Construction Detail
Date: 05-Jan-2009
Scale: Specified

INSTRUCTIONS:

- 1) Use 1 base plate, 2 side plates, 2 bottom spacers, 2 top spacers and a general header.
- 2) Carefully connect plates as shown using #20 to #30 torque head screws 60 mm (or equivalent) straight into the connecting piece.
- 3) Measure header location as detailed and mark location on side plates. Connect by screwing in straight into the header.
- 4) Mark spacers to make sure horizontal supports will fit between.




Coop Back Wall Details

Scale 1:250

Notes:

- 1) These drawings are intended as a construction guide.
- 2) Materials, veneers, connections, hinges, etc are determined by the builder. It is the responsibility of the builder to verify dimensions.
- 3) Always measure dimensions carefully and label each piece individually.
- 4) Number of pieces are marked below each detail.

Material List			
Description	mm	Dimensions English	Quantity
Top Spacer	49x90x600	2x4x3'	2
Bottom Spacer	49x90x600	2x4x3'	2
Header	45x90x300	2x4x1'	1
Side Plate	45x90x1500	2x4x4'	2
Base Plate	45x90x1200	2x4x4'	1



3D concepts

15726 N. Park Dr.
Frenchtown, MT, USA 59834

Cell: 406-546-6572
Phone: 406-626-4522

Title: Construction Detail

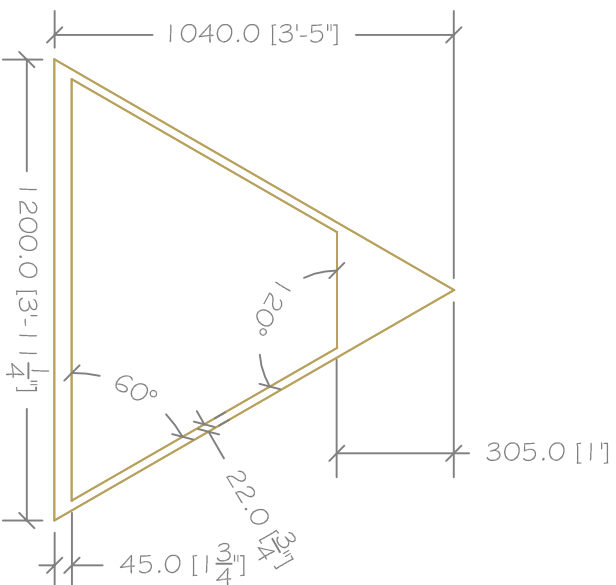
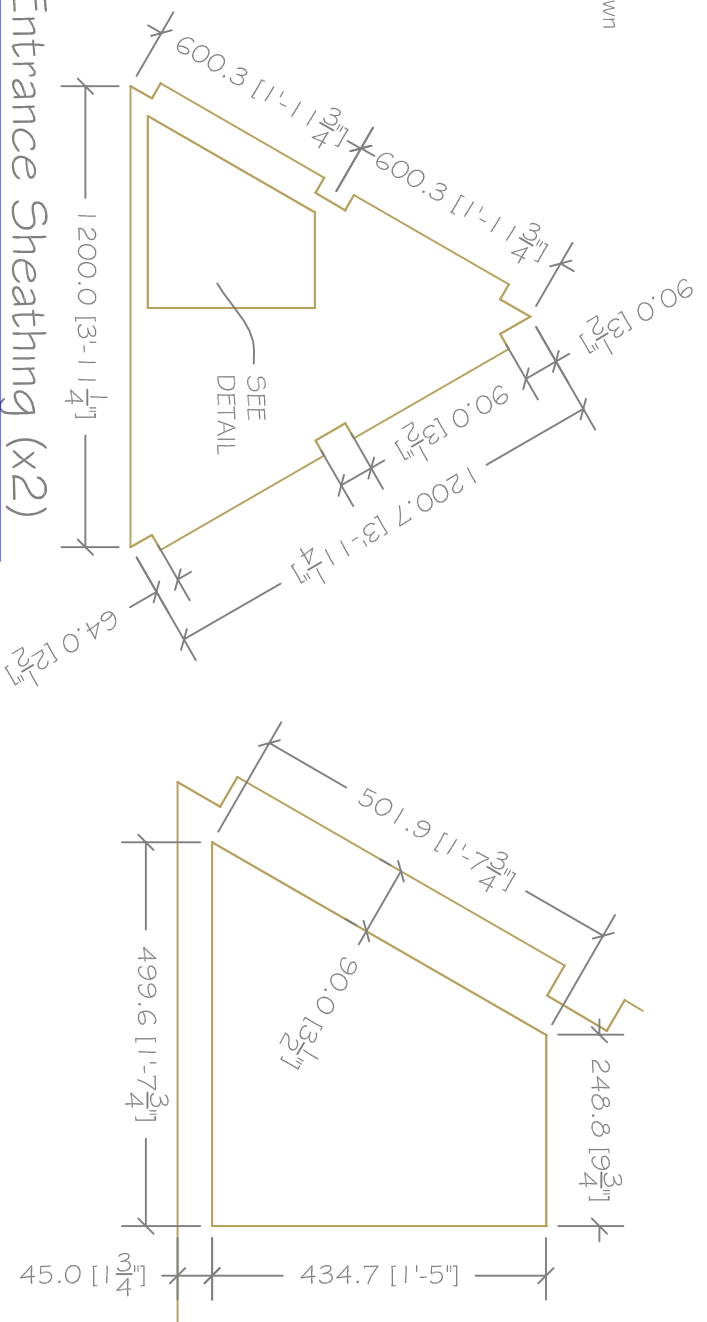
Drawn: JSJG

Revised: 0

Date: 05-Jan-2009

Approved:

Scale: Specified



Nest Entrance Sheathing (x2)

Scale 1:500

Note:

These drawings are intended as a construction guide. Materials, veneers, connections, hinges, etc are determined by the builder. It is the responsibility of the builder to verify dimensions.

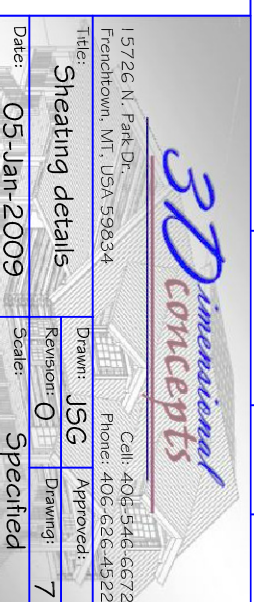
Notes:

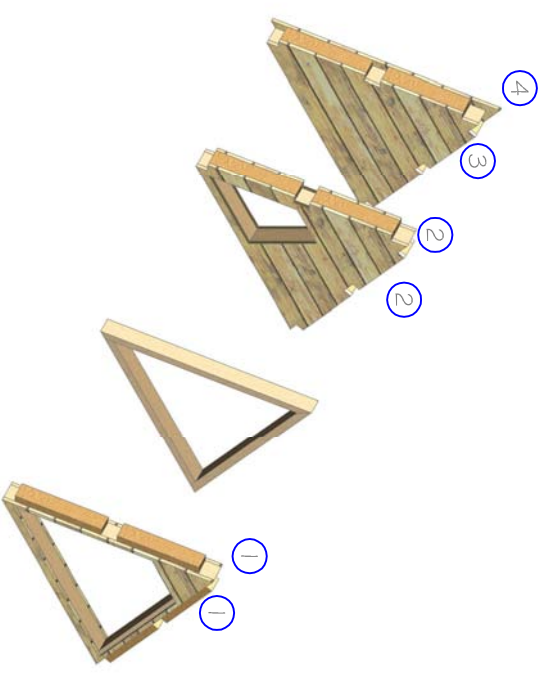
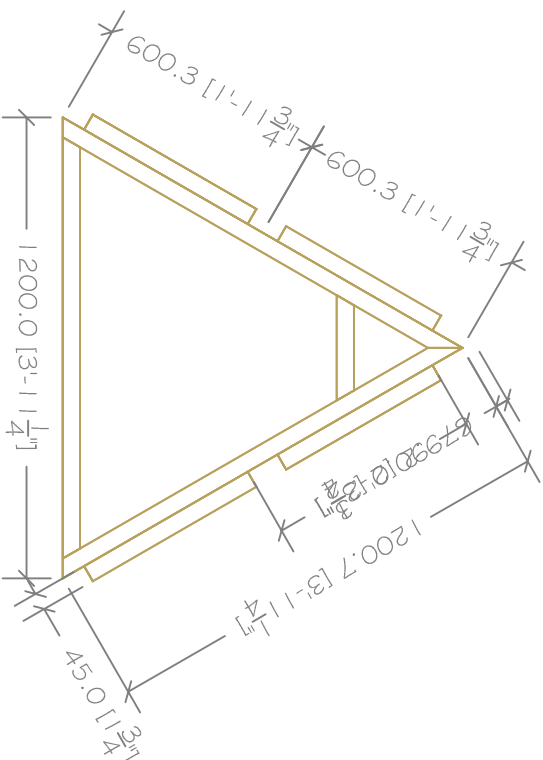
1) Layout cuts and openings on sheets and check for accuracy against dimensions of actual lumber.

2) These drawings assume plywood sheet sizes of 1200x2400x18.5mm [$4' \times 8' \times \frac{3}{4}"$].

If using different sheet thickness, adjust measurements accordingly.

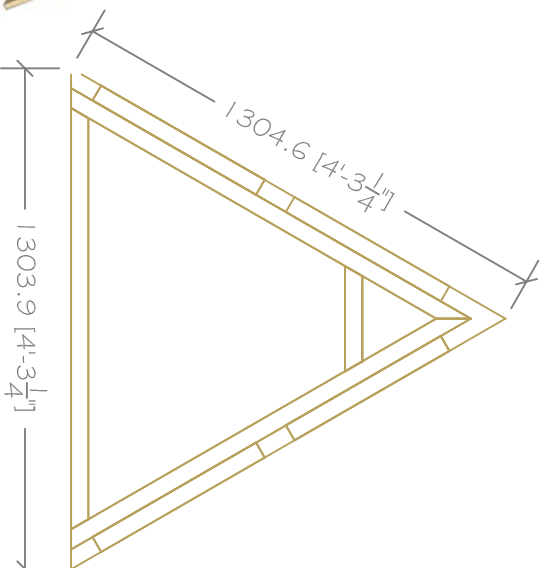
Material List		
Description	Dimensions mm english	Quantity
Coop Entrance Sheathing	1200x2400x18.5 4x8x $\frac{3}{4}$ "	2
Nest Entrance Sheathing	1200x2400x18.5 4x8x $\frac{3}{4}$ "	2





Nest Back Wall (x1)

Scale 1:500



Coop Back Wall (x1)

Scale 1:500

Note:
These drawings are intended as a construction guide. Materials, veneers, connections, hinges, etc are determined by the builder. It is the responsibility of the builder to verify dimensions.

Notes:

- 1) Layout cuts and openings on sheets and check for accuracy against dimensions of actual lumber.
- 2) These drawings assume plywood sheet sizes of 1200x2400x18.5mm [4'x8'x 3/4"]. If using different sheet thickness, adjust measurements accordingly.
- 3) All examples show veneer siding (not required).

Material List

Description	mm	Dimensions english	Quantity
Nest back Wall Sheathing	1200x2400x18.5	4'x8'x 3/4"	1
Coop Back Wall Sheathing	1200x2400x18.5	4'x8'x 3/4"	1

3D concepts

15726 N. Park Dr.
Frenchtown, MT, USA 59834

Cell: 406-546-6572
Phone: 406-626-4522

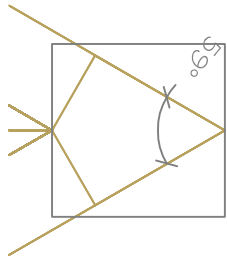
Title:
Sheathing details 2

Drawn: JSJG
Revisions: 0
Approved:

Date: 05-Jan-2009

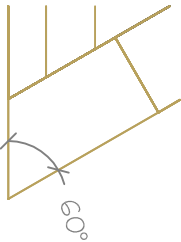
Scale: Specified

90x90



90x90 Crown Detail (x2)

Scale 1:100



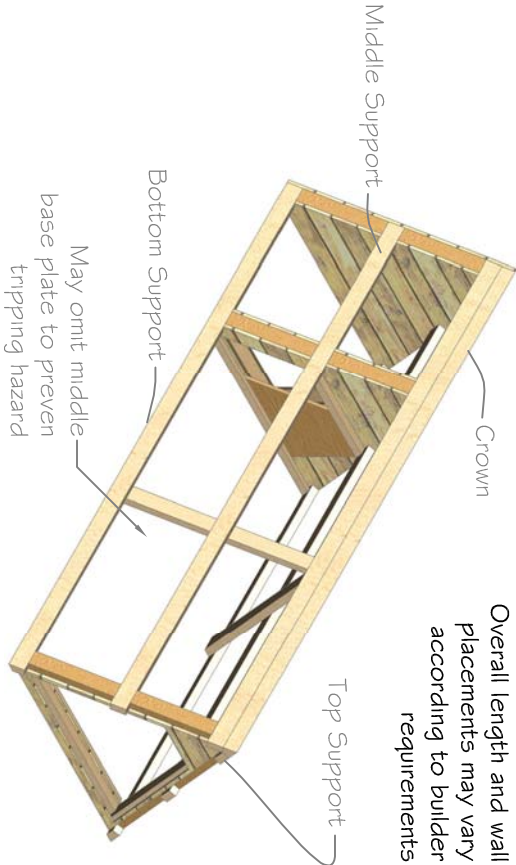
Bottom Supprt Detail (x2)

Scale 1:100



Determined by
builder

- INSTRUCTIONS:
- 1) Before attaching supports, make sure nest door is installed and slides freely. (See detail on page 10)
 - 2) Level and attach bottom track making sure angles are flush with nest wall sheathing and side plate. Measure and drill pilot holes in both tracks to prevent cracking tracks.
 - 3) Use nest door as a guide to place top track. Make sure nest door slides freely before anchoring top track.
 - **Make sure nest door is in place and working BEFORE attaching side supports or it will be difficult to install afterwards!**
 - 3) Cut and rip bottom support as detailed. (If longer or shorter structure is required, adjust dimensions accordingly).
 - 4) Flush back of bottom support with back sheathing. Support should fit in seat, flush with bottom of base plate. Repeat for opposite side.
 - **If needed, remove bottom plate from middle wall before attaching to bottom support to prevent tripping hazard.**
 - 5) Measure and layout position of remaining walls. Remember to check for vertical level before attaching to bottom support.
 - 6) Repeat for remaining supports and crown.



Note:
Overall length and wall placements may vary according to builder requirements

Note:

These drawings are intended as a construction guide. Materials, veneers, connections, hinges, etc are determined by the builder. It is the responsibility of the builder to verify dimensions.

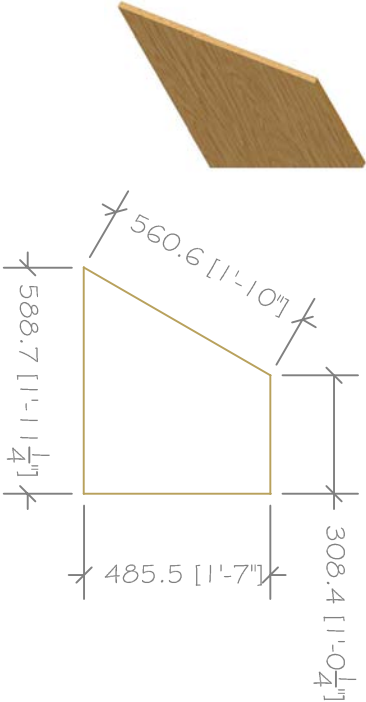
Material List

Description	Dimensions		Quantity
	mm	english	
Bottom Support	45x90x3600	2x4x 12'	2
Mid and Top Support	45x90x3600	2x4x 12'	4
Crown	90x90x3600	4x4x 12'	1

3D
conceptual

15726 N. Park Dr.
Frenchtown, MT, USA 59834
Cell: 406-546-6672
Phone: 406-626-4522

Title:	Supports	Drawn:	JSG	Approved:	
Revisions:	0	Scale:	Specified		



Nest Sliding Door

Scale 1:500



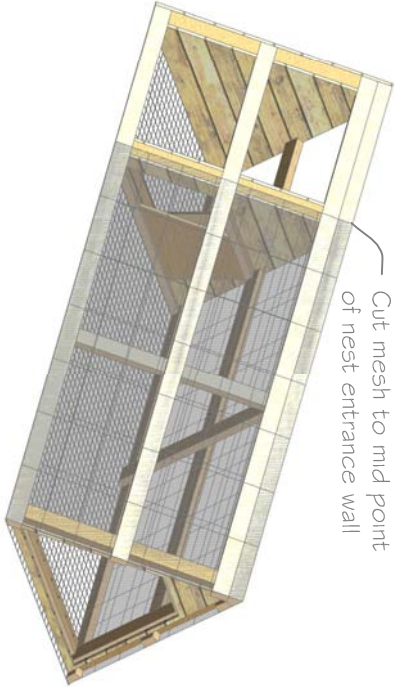
INSTRUCTIONS:

- 1) Turn entire structure on side so base plates are facing up.
- 2) Starting at one end, tack floor mesh to the bottom edge of base plates.
- 3)Repeat for top edge.
- 6) Repeat for remaining 3 walls
- 7) Once floor mesh is tacked to all walls and measurements are good, attach floor mesh with 16 gauge 22.5mm staples (or equivalent)
- 8) Attach to each wall in order, checking tightness per wall before stapling to prevent pockets.

For longer or shorter structures, be sure to adjust measurements accordingly.

INSTRUCTIONS FOR INSTALLING ROOF MESH:

- 1) Unroll mesh over structure and make sure there is enough mesh to completely cover structure.
- 2) Pull tight over crown.
- 3) Attach with 16 gauge 22.5mm staples (or equivalent) ~typ~
- 4) Working down, pull mesh tight and permanently attach to horizontal supports.
- 5) Fold edges of mesh over bottom support and pull tight around bottom of structure.
- 6) Attach and cut away any excess.



Floor Mesh


Scale Not to Scale

Note:

These drawings are intended as a construction guide. Materials, veneers, connections, hinges, etc are determined by the builder. It is the responsibility of the builder to verify dimensions.

Material List

Description	Dimensions		Quantity
	mm	english	
Floor Mesh		By builder	1
Top Track		By builder	1



15726 N. Park Dr.
Frenchtown, MT, USA 59834

Cell: 406-546-6572
Phone: 406-626-4522

Title: Mesh and footing

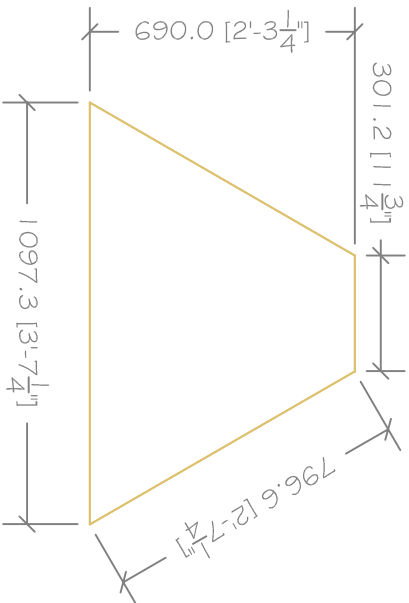
Drawn: JSJG Approved:

Revisions: 0 Drawing: 10

Date: 05-Jan-2009 Scale: Specified

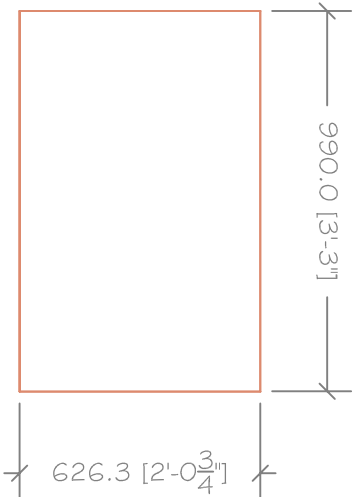


- Notes:
- 1) Door shown with veneer. If adding veneer, adjust base measurements accordingly.
 - 2) If door does not swing freely, sand down sides and round off edges.
 - 3) Always take hinge type and placement into account when installing door.



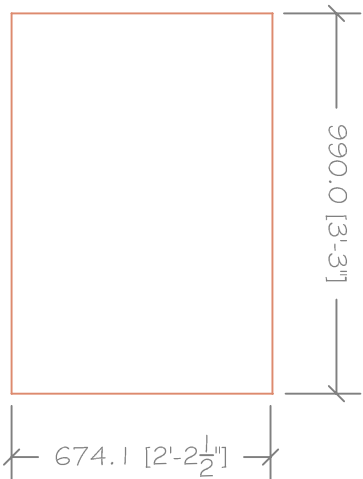
Entrance door (x1)

Scale 1:500



Nest Side Wall (x2)

Scale 1:500



Nest Access Panel (x2)

Scale 1:500



Note:

These drawings are intended as a construction guide. Materials, veneers, connections, hinges, etc are determined by the builder. It is the responsibility of the builder to verify dimensions.

Material List

Description	mm	english	Quantity
Entrance Door	1 200x900x19	4x4x3/4"	1
Nest Side Wall	1 200x900x19	4x4x3/4"	2
Nest Access Panel	1 200x900x19	4x4x3/4"	2



15726 N. Park Dr. Frenchtown, MT, USA 59834				Cell: 406-546-6572 Phone: 406-626-4522			
Title:		Drawn: JSG		Approved:			
Entrance and nest door		Revisions: 0		Drawing: 11			
Date: 05-Jan-2009		Scale:		Specified			

INSTRUCTIONS:

1) Cut caster support timbers as detailed and attach with #20-#30 x 60-70 mm [2½-3"] screws. If structure is longer or shorter, be sure to adjust measurements accordingly.

2) Tip coop structure on side and ensure caster support fits as desired.

3) Layout casters and mark positions of bolt holes. 4 lock casters at each corner and 2 free casters at long support & for middle support.

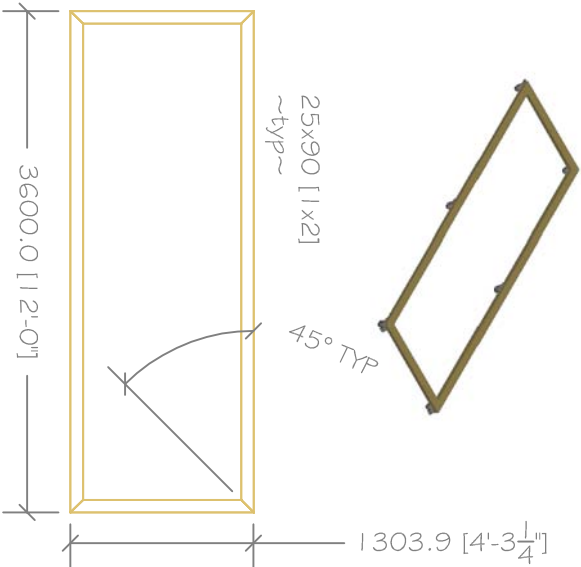
4) Sink nut holes 20mm, or until nuts are, at minimum, flush with top of sink hole and caster bolts do not interfere with caster support.

If casters do not include bolts, compare bolts to those on the caster plate to ensure a correct fit

4) Use 35mm bolts to attach casters to caster support. leave at least 25 mm of timber to anchor casters to support.

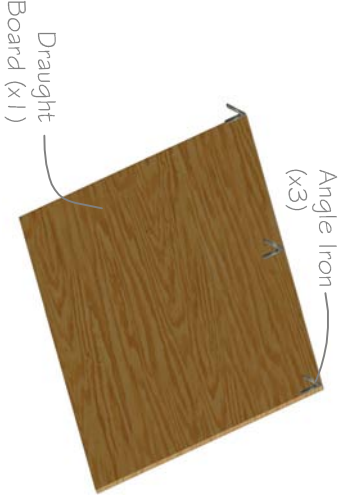
5) Once casters are attached and tightened against caster support and caster support fits as desired, anchor entire caster support using #20-#30x35mm torque head crews roughly every 300mm [1'-0"]

6) A draught board can be constructed with plywood and 3 pieces of 60° angle iron with rounded edges to prevent tearing mesh. (if desired, cut slats into the draught board to allow for air flow) (See detail)



Caster Support (x1)

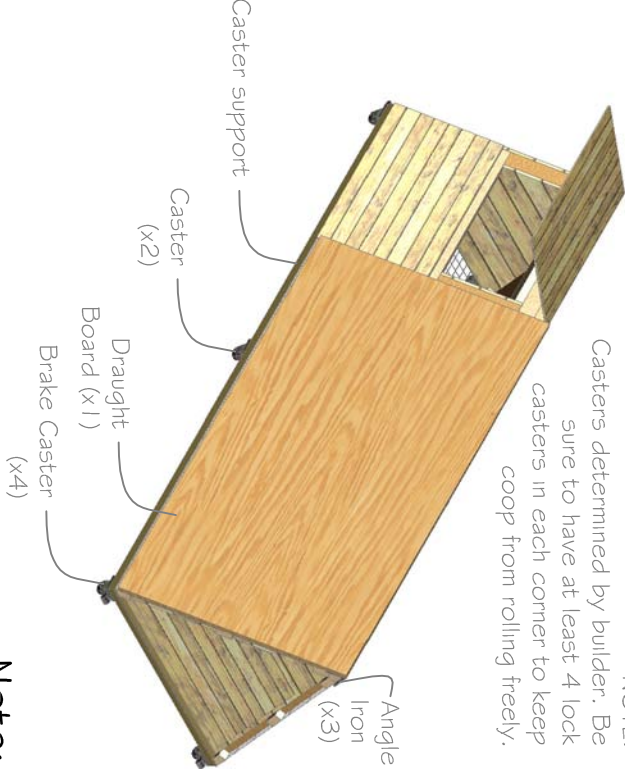
Scale 1:500



Draught board (x1)

Scale 1:500

NOTE:
Casters determined by builder. Be sure to have at least 4 lock casters in each corner to keep coop from rolling freely.




Note:

These drawings are intended as a construction guide. Materials, veneers, connections, hinges, etc are determined by the builder. It is the responsibility of the builder to verify dimensions.

Material List

Description	mm	Dimensions english	Quantity
Long Caster Support	45x90x3600	2x4x12'	1
Cross caster support	45x90x1500	2x4x6'	2
Caster	By builder	by builder	6
Draught board	1200x2400x25	4x8x1"	1
60° angle iron	100x100x12 min	4x4x½ min	3



15726 N. Park Dr.
Frenchtown, MT, USA 59834

Cell: 406-546-6572
Phone: 406-626-4522

**Caster support and
caster**

Drawn: JSJG
Revisions: 0
Date: 05-Jan-2009

Approved:
Drawing: 12
Scale: Specified