Customer Assembly/Finishing Notes:

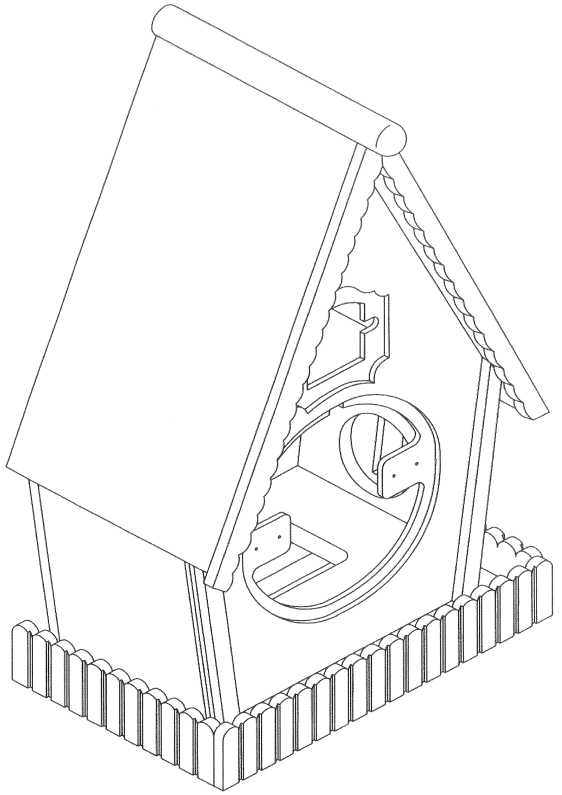
KLOCKIT®
N3211 County Rd H,
Lake Geneva WI 53147
Customer Service: 1-800-556-2548
Technical Support: 1-800-556-6474

#12217B
1/24/12

Construction Drawing Booklet for the

Cuckoo Clock II

Stock #12227



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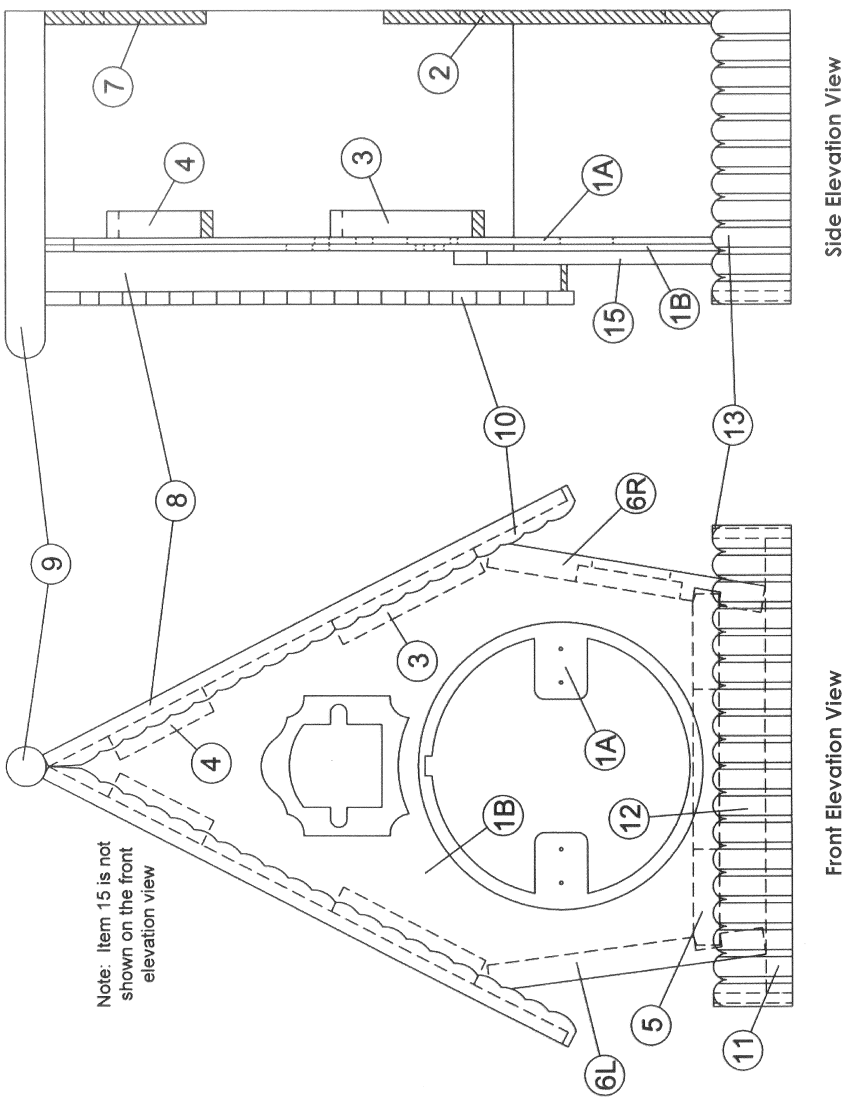
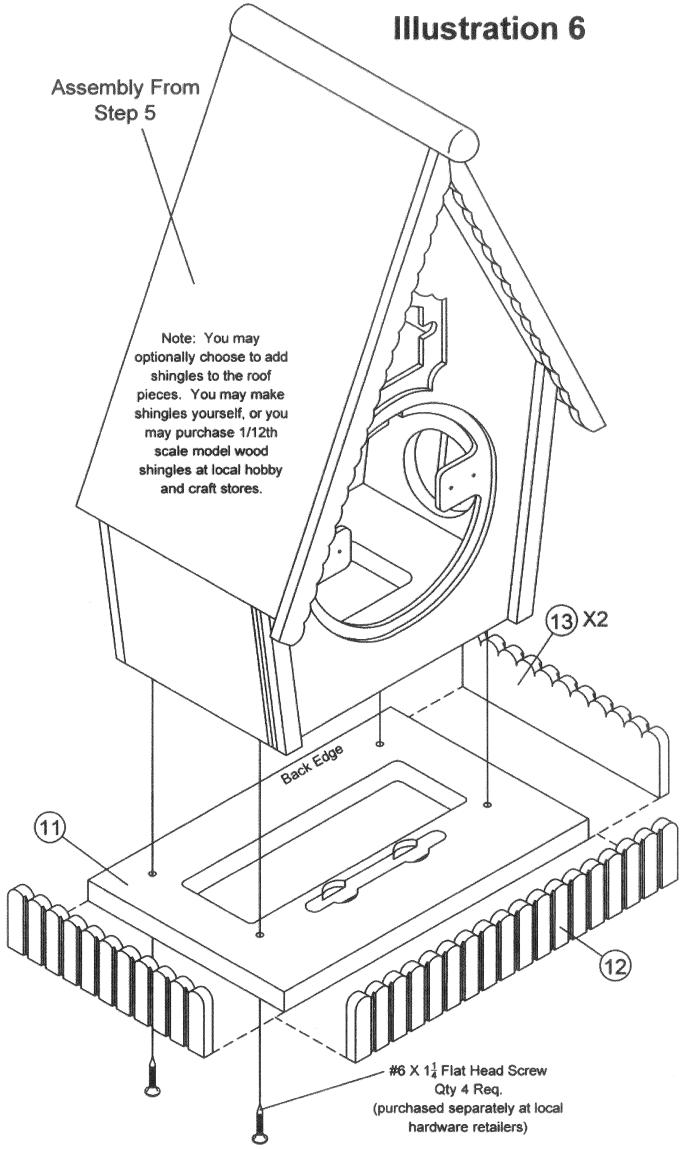


Illustration 6



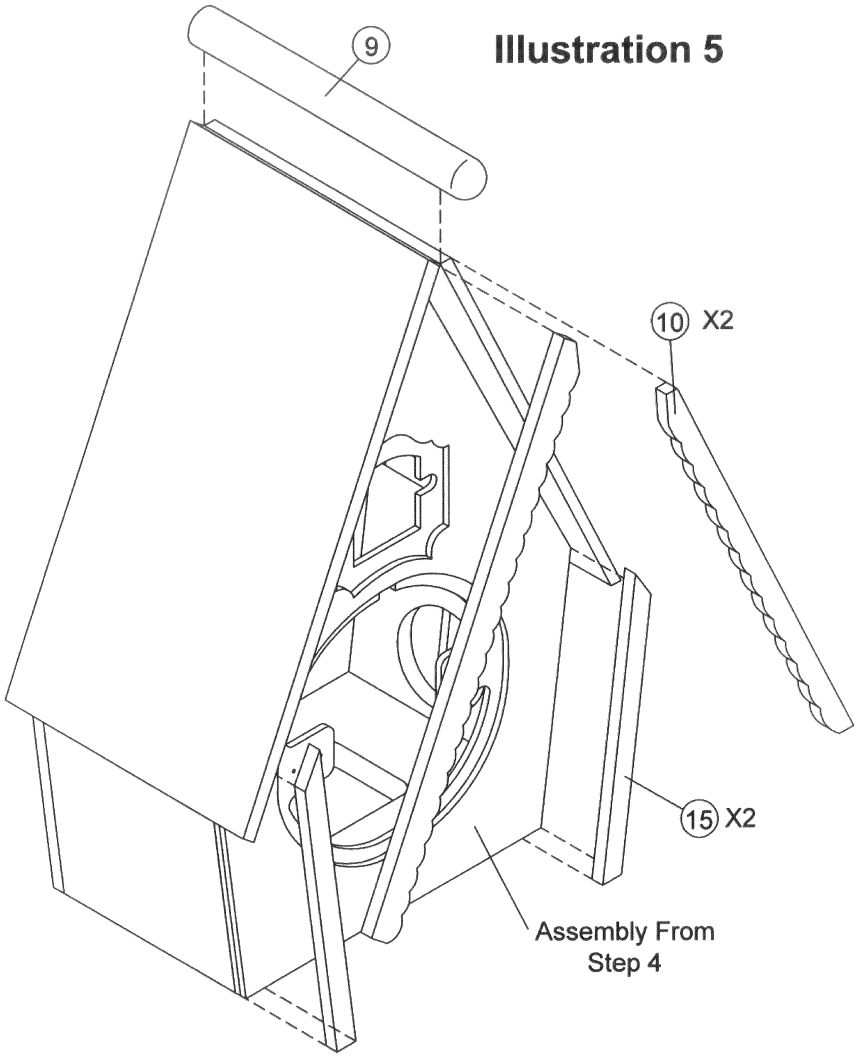


Illustration 5

Introduction: Thank you for purchasing The Cuckoo Clock Plan/Movement. Please take time to thoroughly review the plan and assembly instruction materials before beginning work on the assembly. If you should have any questions, concerns, or comments, please feel free to contact Klockit (1-800-556-2548).

IMPORTANT: This plan is provided as a free bonus with the 12227 cuckoo movement. This is an optional case assembly that can be constructed if you should desire. Note that if you have purchased a specific cuckoo clock plan, you will not require this plan booklet (and may simply retain it for future use).

Required Components: You will require the following items to complete assembly of the cuckoo clock case:

- Qty 4 – #6 X 1-1/4" Flat Head Wood Screws
- Yellow Woodworking Glue

Note that most items should be readily available at local hardware stores.

Parts Listing: Note that finished dimensions are listed as L X W X Th. Length is always designated as running with the grain of the wood.

#	Description/Page Number	Qty	Material	Finished Dimensions
1A	Movement Mount Panel (pg 5, AA)	1	Solid Wood/Ply	13-9/16" X 8-7/16" X 1/8"
1B	Front Trim Panel (pg 6, BB)	1	Solid Wood/Ply	13-9/16" X 8-7/16" X *
2	Lower Back Panel (pg 7, CC)	1	Solid Wood/Ply	7-11/16" X 8-7/16" X ¼"
3	3" Glue Block (pg 8)	3	Solid Wood	3" X ½" X ½"
4	2" Glue Block (pg 8)	6	Solid Wood	2" X ½" X ½"
5	Brace Plate (pg 9)	1	Solid Wood	6-9/16" X 4" X ½"
6L	Gable Left Side (pg 10)	1	Solid Wood	5-1/4" X 4" X ½"
6R	Gable Right Side (pg 10)	1	Solid Wood	Same as Item 6L
7	Upper Back Panel (pg 7, CC)	1	Solid Wood/Ply	3-1/16" X 3-1/8" X ¼"
8	Roof Panel (pg 11)	2	Solid Wood/Ply	11" X 5-1/2" X ¼"
9	Roof Peak (pg 8)	1	Solid Wood	Ø¾" X 6-1/2"
10	Roof Scallop (pg 12, DD)	2	Solid Wood	11-1/8" X ½" X ¼"
11	Bottom Plate (pg 13)	1	Solid Wood	8-1/2" X 5-1/2" X ½"
12	Front Fence (pg 14, DD)	1	Solid Wood	9" X 1-1/2" X ¼"
13	Side Fence (pg 14, DD)	2	Solid Wood	5-1/2" X 1-1/2" X ¼"
14	Pendulum Bob (pg EE)	1	Solid Wood	3-3/16" X 2-15/16" X 7/16"
15	Trim Piece (pg 8)	2	Solid Wood	5-7/8" X 7/16" X ¼"

IMPORTANT: Item 1B can range in thickness from 1/8" up to ¼". Item 1B should be no thicker than ¼".

IMPORTANT: Full scale trace templates are provided for items 1A (sheet AA), 1B (sheet BB), 2 (sheet CC), 7 (sheet CC), 10 (sheet DD), 12 (sheet DD), 13 (sheet DD), and 14 (sheet EE). Note that dimensions for Item 14 will be shown directly on the template (and not within the construction booklet). Note that all templates are photocopied from a master copy. In some cases, photocopies may vary slightly from the original master. Please use the dimensions provided to verify the trace template. If need be, make adjustments to the trace template to accommodate the dimensions provided.

Note: The case assembly illustrations will be provided in the final pages of this construction booklet. Use the written instructions (#12217A) along with the illustrated assembly drawings contained in this booklet to assemble the cuckoo case.

Before Machining: Please note that we do not provide a lumber cut list with our plan, but you can refer to the detail drawings in the construction plan as well as to the finished sizes listed in the wood components parts listing to aid you in determining your lumber purchase requirements. Your local lumber desk specialist may also be able to assist you upon showing them this construction plan. Make certain you always allow extra lumber to ensure enough wood for cutting out possible lumber defects, square cutting board ends, edge jointing, saw kerfs, (etc).

No matter what tools and/or accessories you should prefer to use to complete machining, it is important to exercise proper shop safety (as per the instruction manuals included with your power tools and accessories). Also make certain to wear the recommended protective equipment (ear plugs, safety glasses, dust mask, etc.) as per the manufacturer's instructions.

Upon completing machining of all wood parts, please refer to the assembly instructions and illustrations to assemble your project. Please note that all illustrations are not drawn to exact scale. Do not scale ANY of the drawings for dimensional verification (unless that drawing would be designated as a trace – or full scale – template). If you should have any questions at any point prior to or during assembly, please feel free to contact Klockit technical support (1-800-556-6474).

General Specifications: The following specifications will somewhat mirror Klockit's engineering specifications for kit products produced for Klockit retail sale.

- Select a clear grained, kiln dried lumber of your choice.
- All wood parts should be free of warping, cupping, end checks, and defects.
- Edge glued/laminated stock is perfectly acceptable providing that wood grain pattern, texture, and coloration are closely matched to provide a solid wood appearance.
- All glue joints should be tight and smooth (without defect).
- All edges, square cuts, holes, slots, (etc) are to be true cut.
- Once machined parts have been completed, they should be sanded up to #150 grit. Finish sanding may be completed up to #220 grit in preparation for staining/finishing.
- All dimensions are listed in inches unless otherwise noted.
- Do NOT scale part drawings for dimensional verification (as drawings have been reduced from full scale). The only exception would be if a trace template is provided. Trace templates should be verified to ensure that it is to proper size.
- Dimensional tolerance is + / - 1/32" (unless otherwise noted or a REF dimension).

Symbol Interpretation: Please refer to the information below for an explanation of the various symbols you will encounter within this plan.

SYMBOL REF.
ø=DIAMETER
R=RADIUS
↧=DEPTH
V=COUNTER-SINK
U=COUNTER-BORE
℄=CENTERLINE
=GRAIN DIRECTION

Note: "TYP" stands for "typical". "Typical" simply denotes that a certain dimension, radius, diameter, (etc.) will be repeated (but only when specified with TYP). "Hold" indicates that a dimension should be exactly as specified (with no variation from the listed dimension). "REF" denotes reference dimensions.

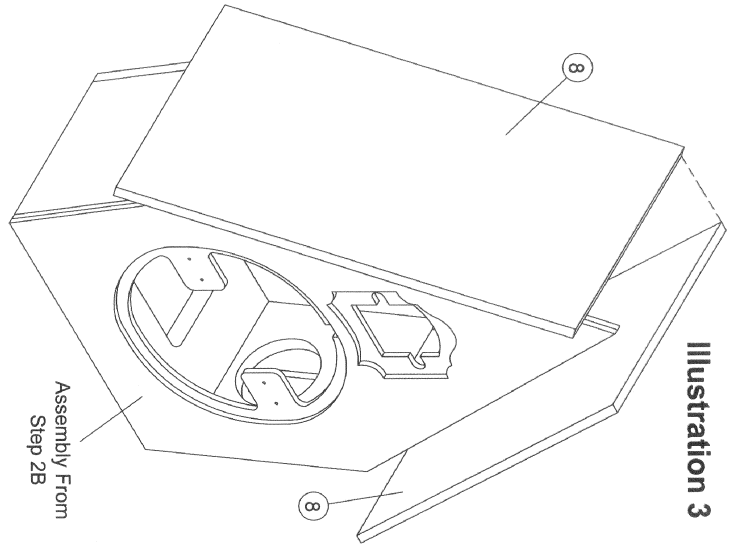


Illustration 3

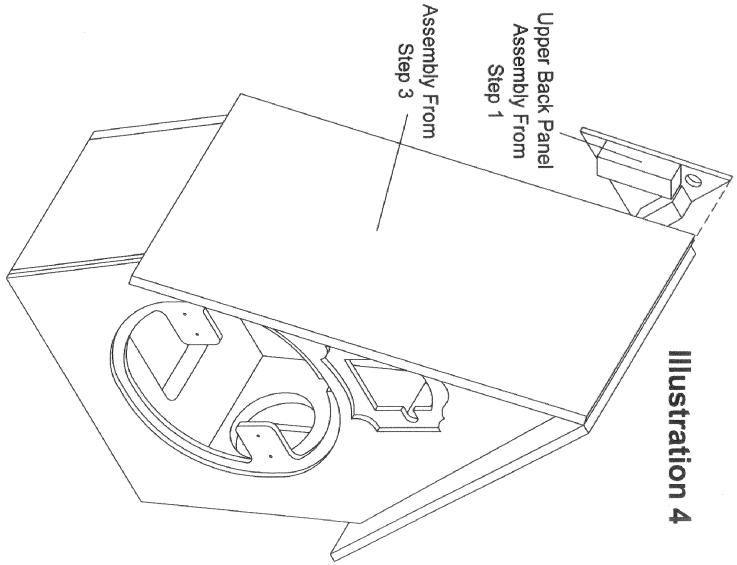


Illustration 4

Illustration 2A

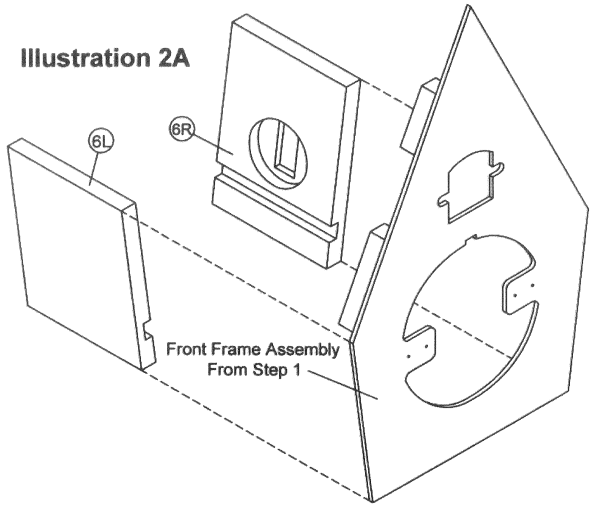
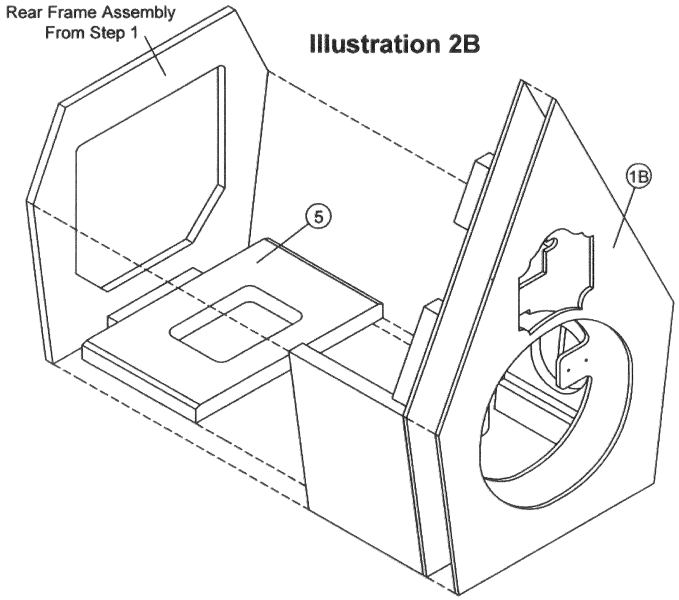
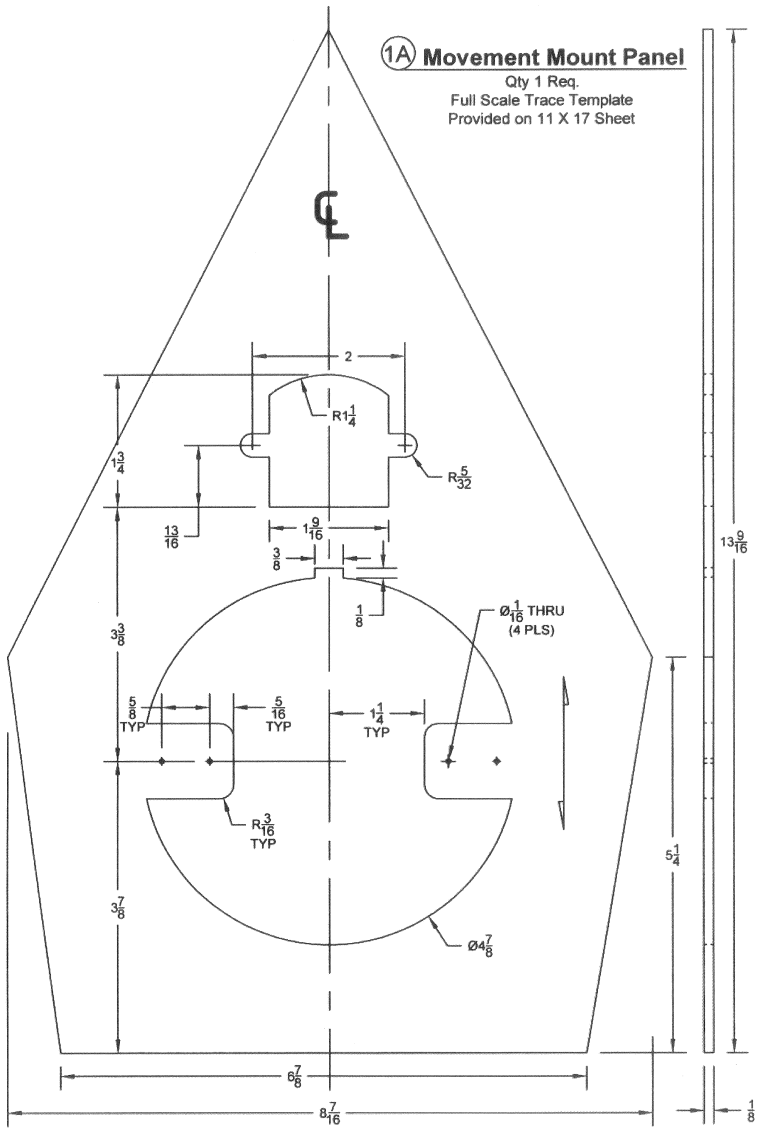


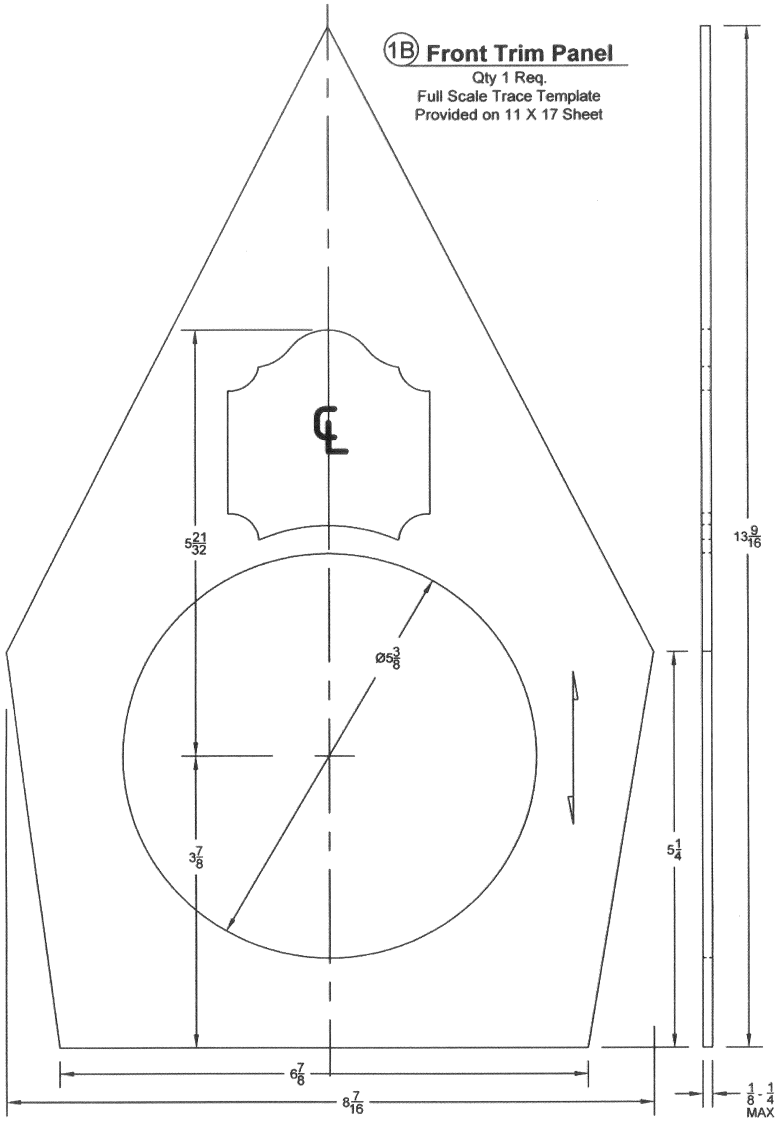
Illustration 2B



1A Movement Mount Panel

Qty 1 Req.
Full Scale Trace Template
Provided on 11 X 17 Sheet





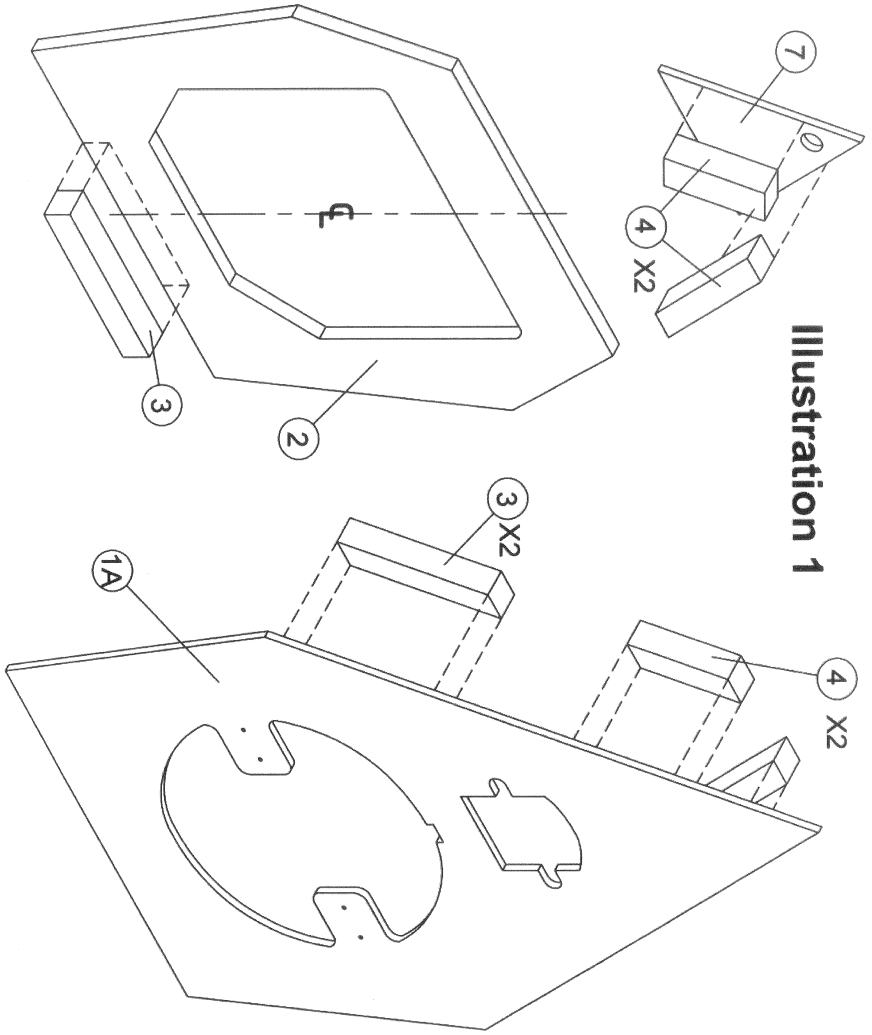
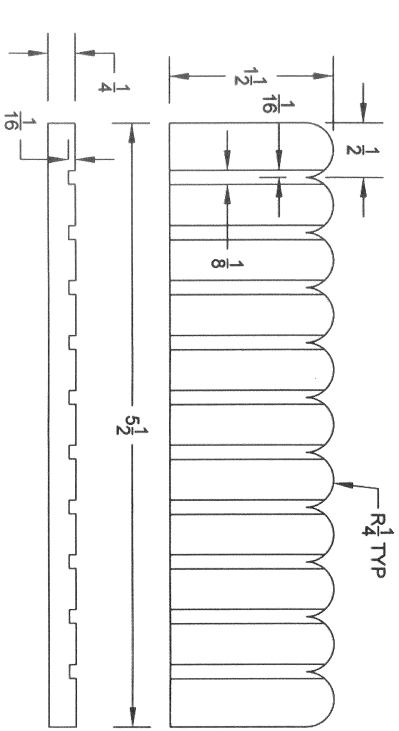
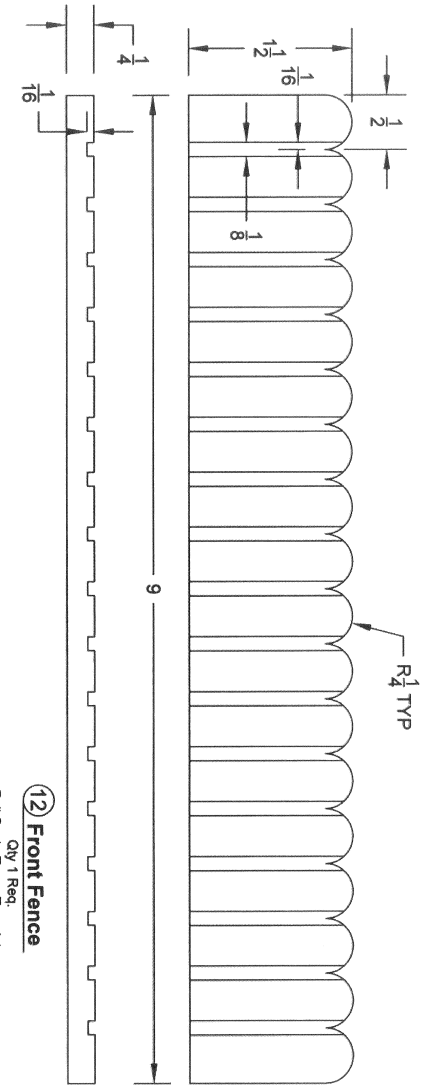


Illustration 1



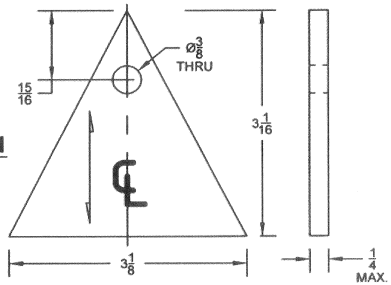
(13) Side Fence

Qty 2 Req.
Full Scale Trace Template
Provided On 11 X 17 Sheets



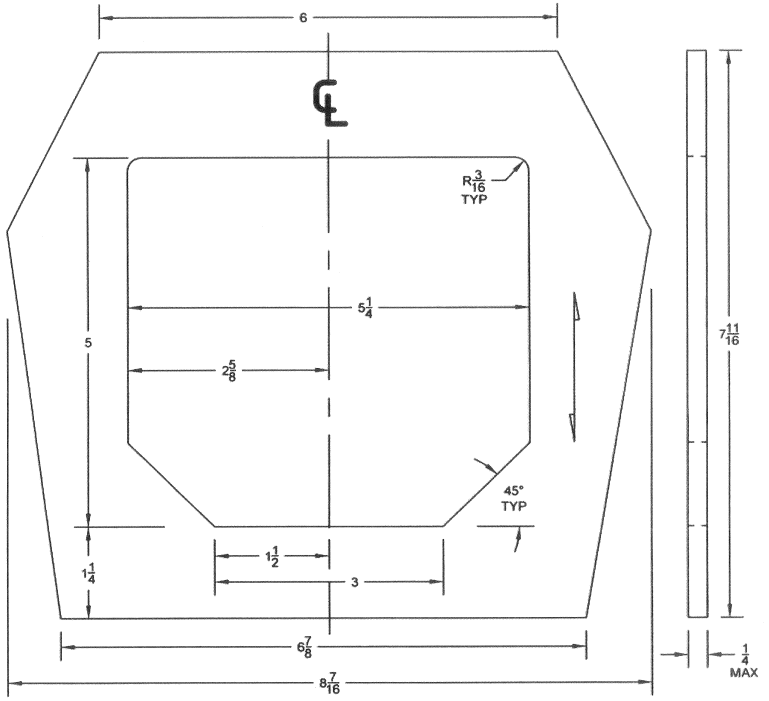
(12) Front Fence

Qty 1 Req.
Full Scale Trace Template
Provided On 11 X 17 Sheets



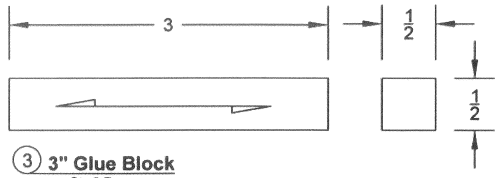
(7) Upper Back Panel

Qty 1 Req.
Full Scale Trace Template
Provided on 11X 17 sheet

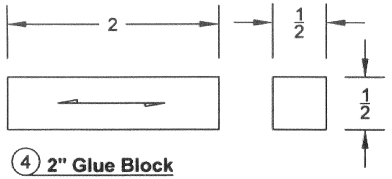


(2) Lower Back Panel

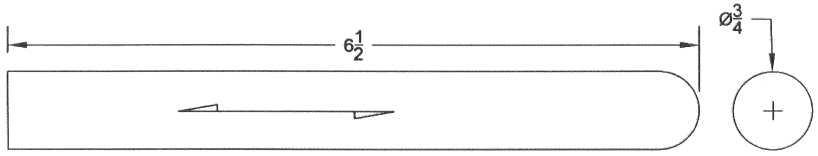
Qty 1 Req.
Full Scale Trace Template
Provided on 11 X 17 Sheet



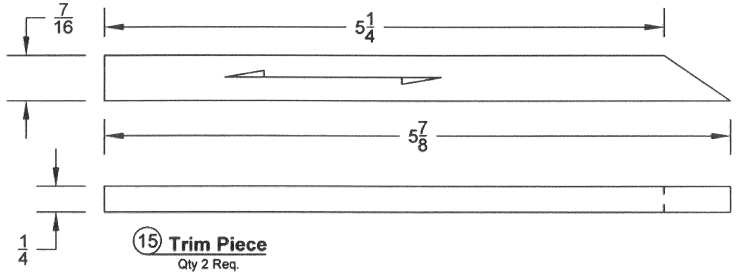
(3) **3" Glue Block**
Qty 3 Req.



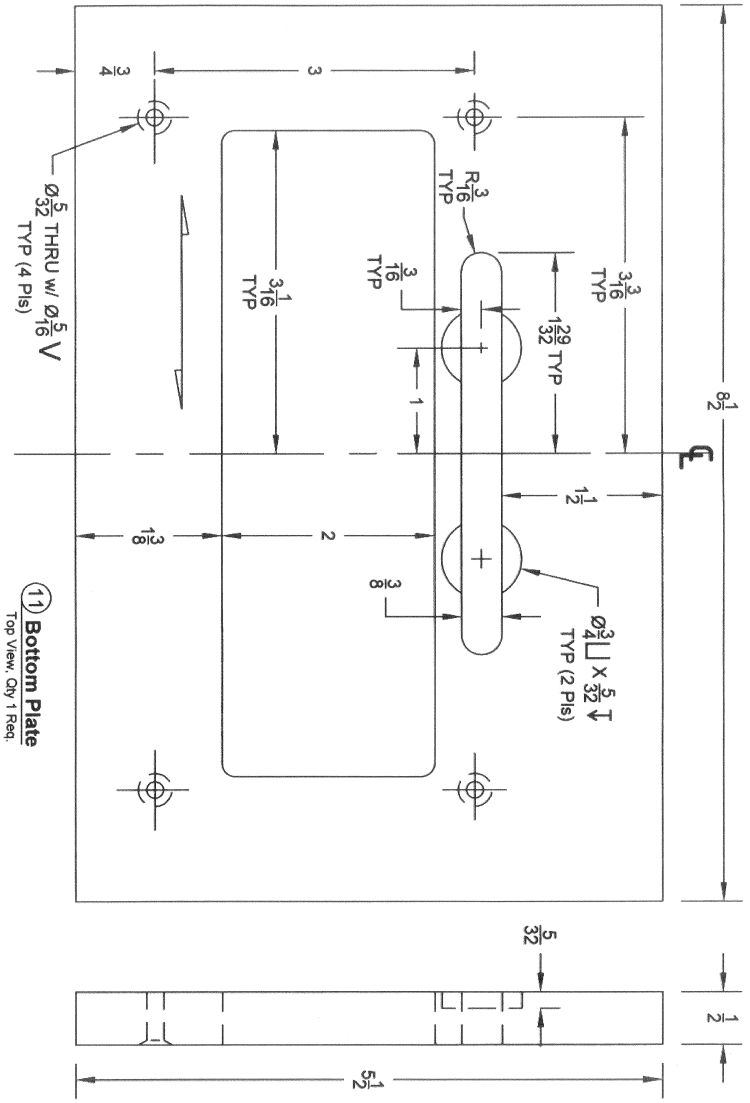
(4) **2" Glue Block**
Qty 6 Req.



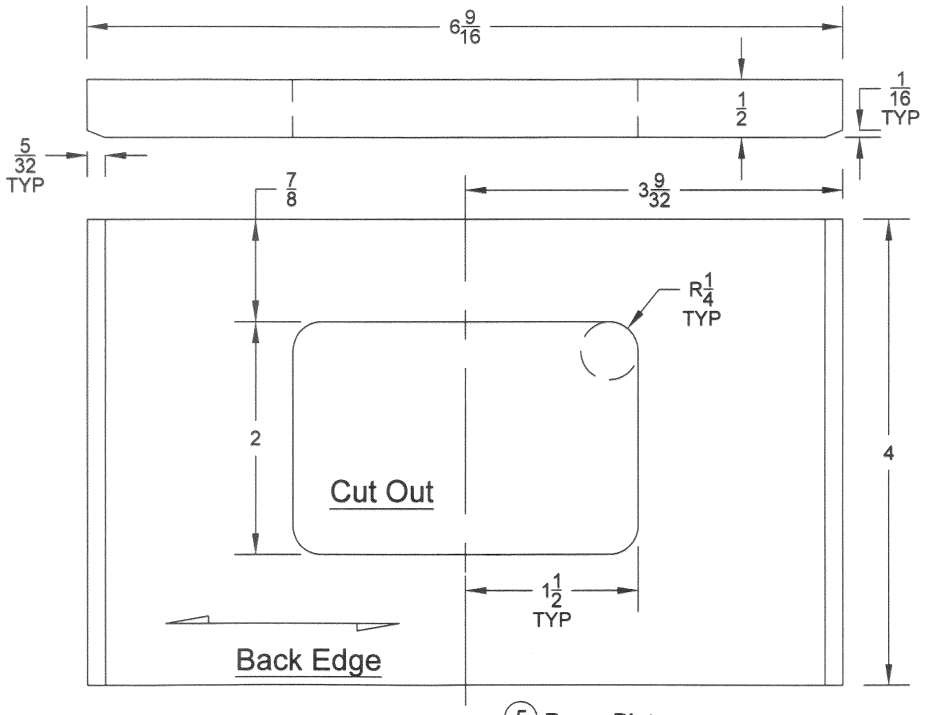
(9) **Roof Peak**
Qty 1 Req.



(15) **Trim Piece**
Qty 2 Req.

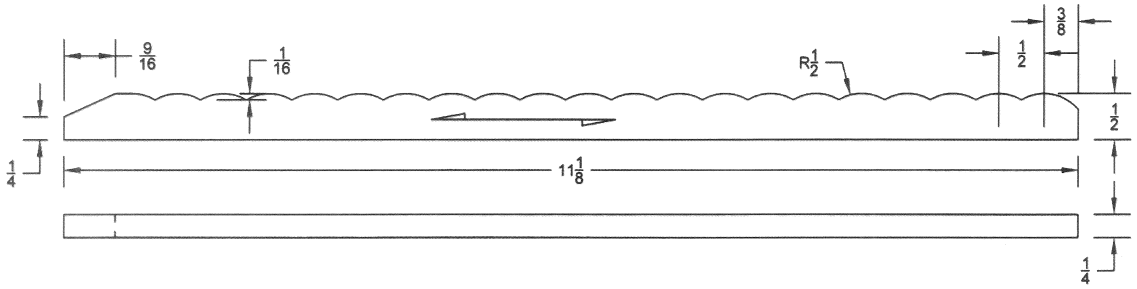


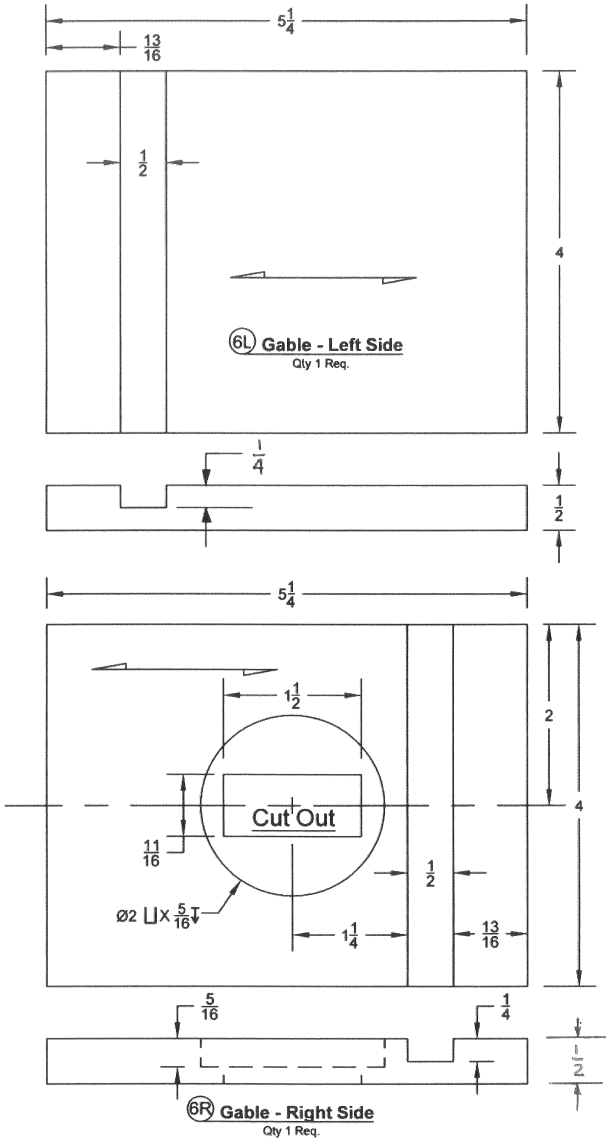
(11) **Bottom Plate**
Top View, Qty 1 Req.



(5) Brace Plate
Qty 1 Req.

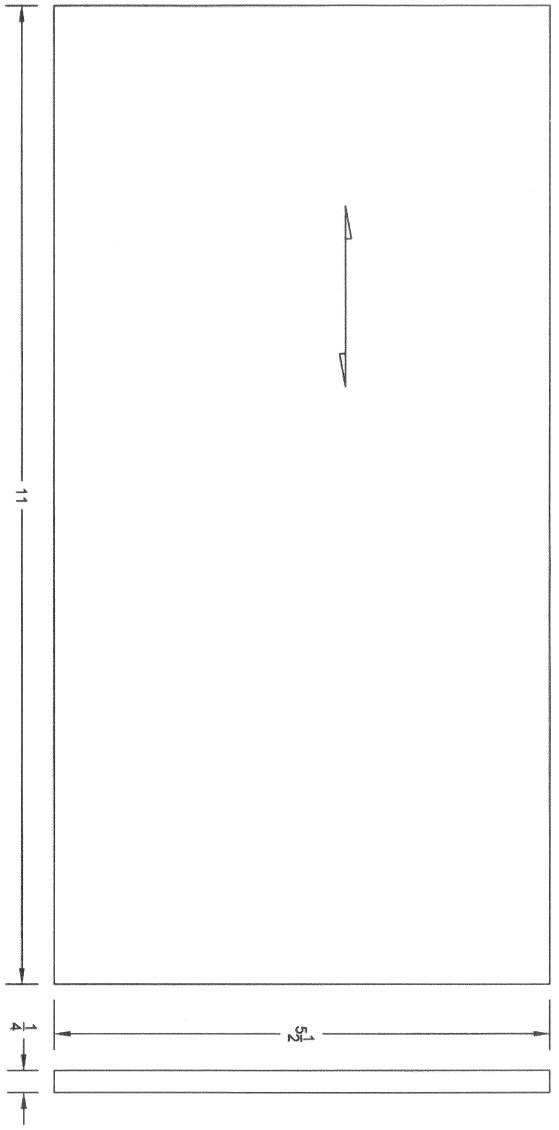
(10) Roof Scallop
Qty 2 Req.
Full Scale Trace Template
provided on 11 X 17 sheets.

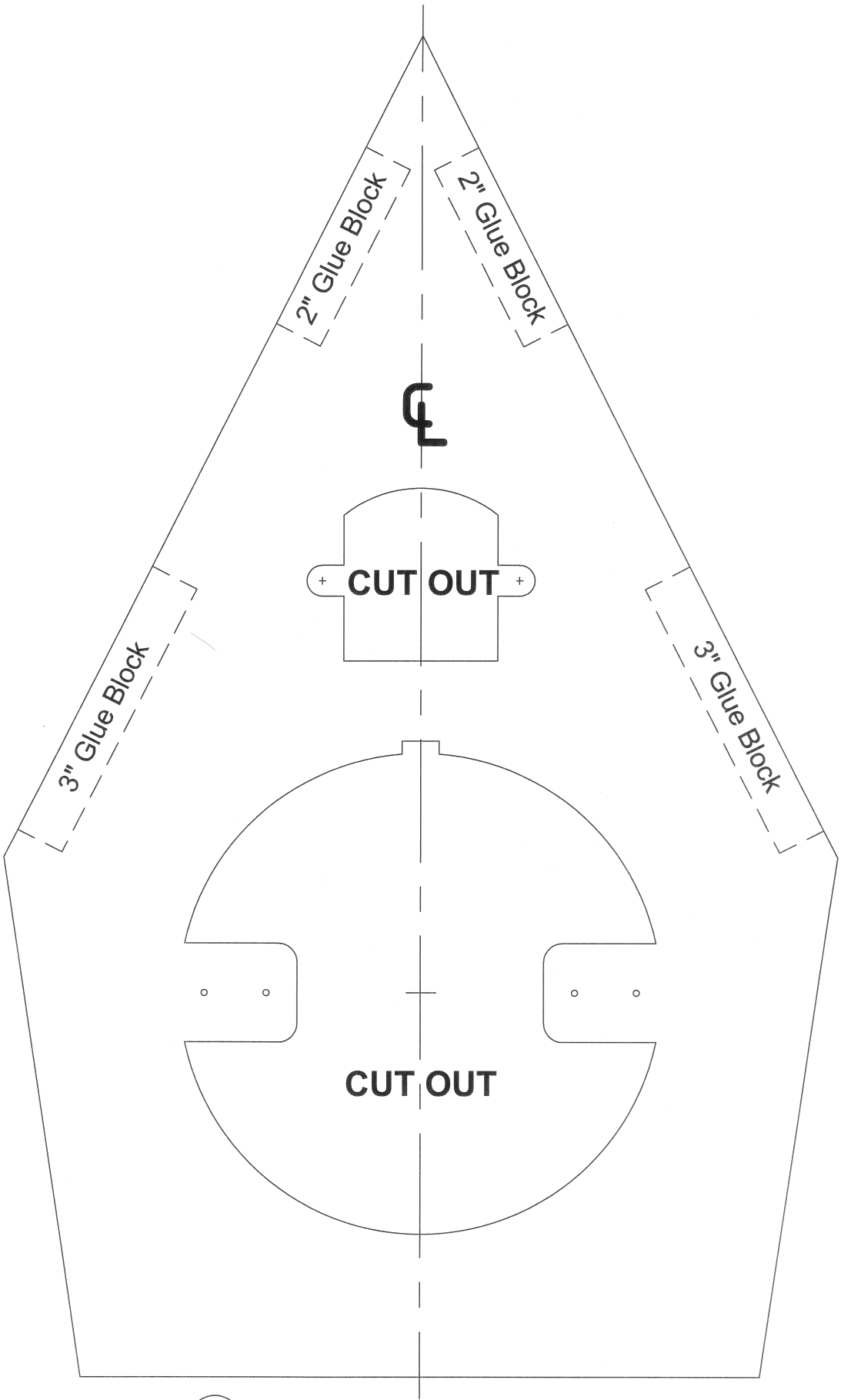




8 Roof Panel

Qty 2 Req.

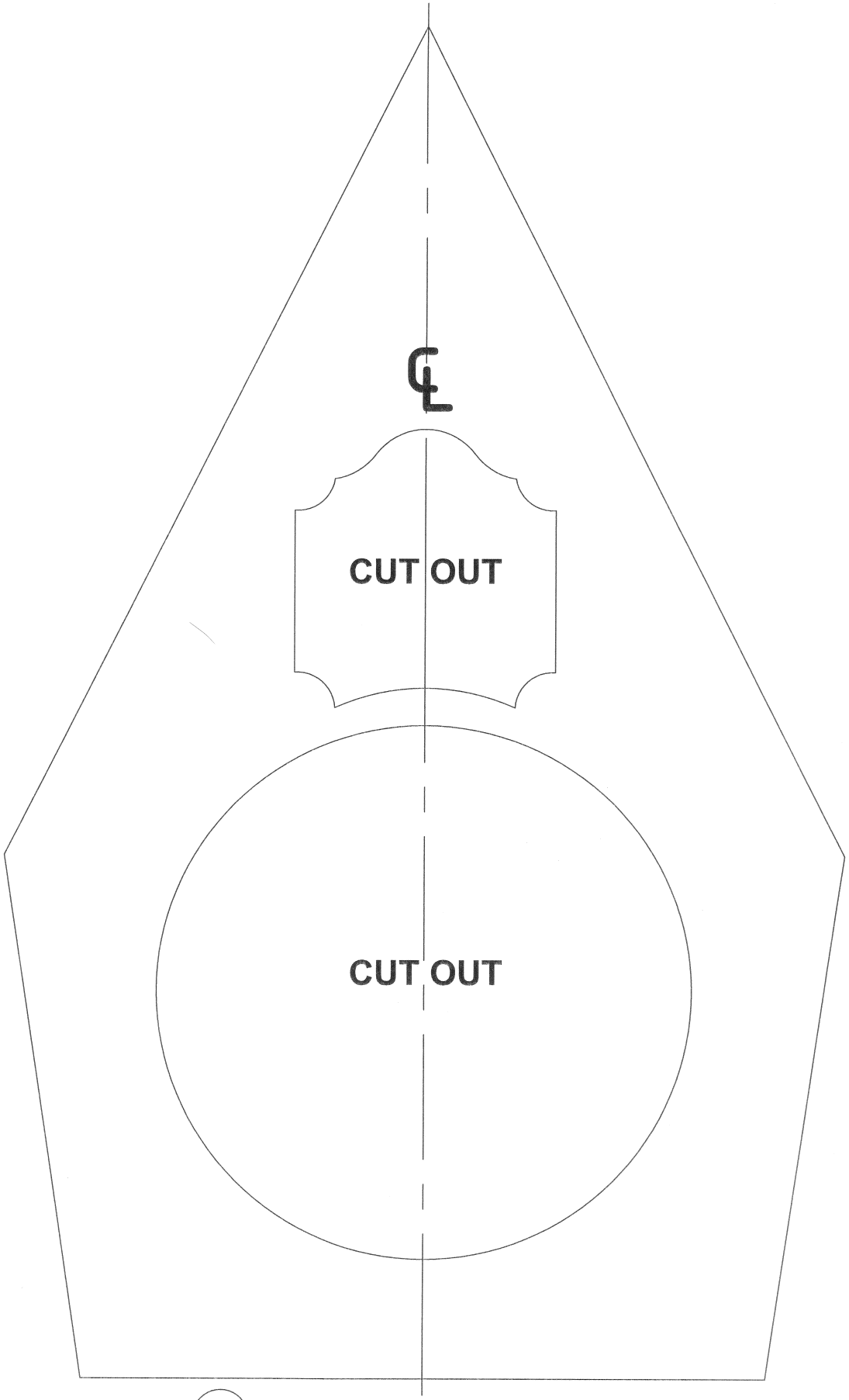




1A Movement Mount Panel

Full Scale Trace Template, Qty 1 Req.

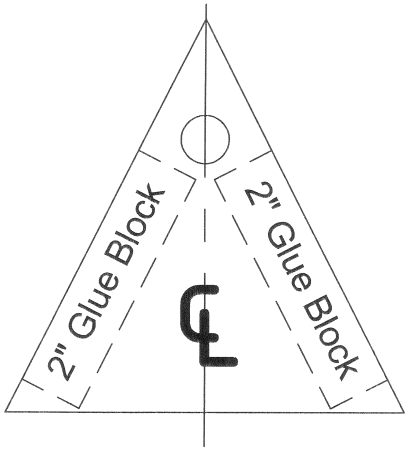
IMPORTANT: Due to the photocopying process, trace templates may vary slightly from the master copy. Use the dimensions provided in the plan booklet to verify the trace template. If need be, make adjustments to the template to coordinate with the listed dimensions.



1B Front Trim Panel

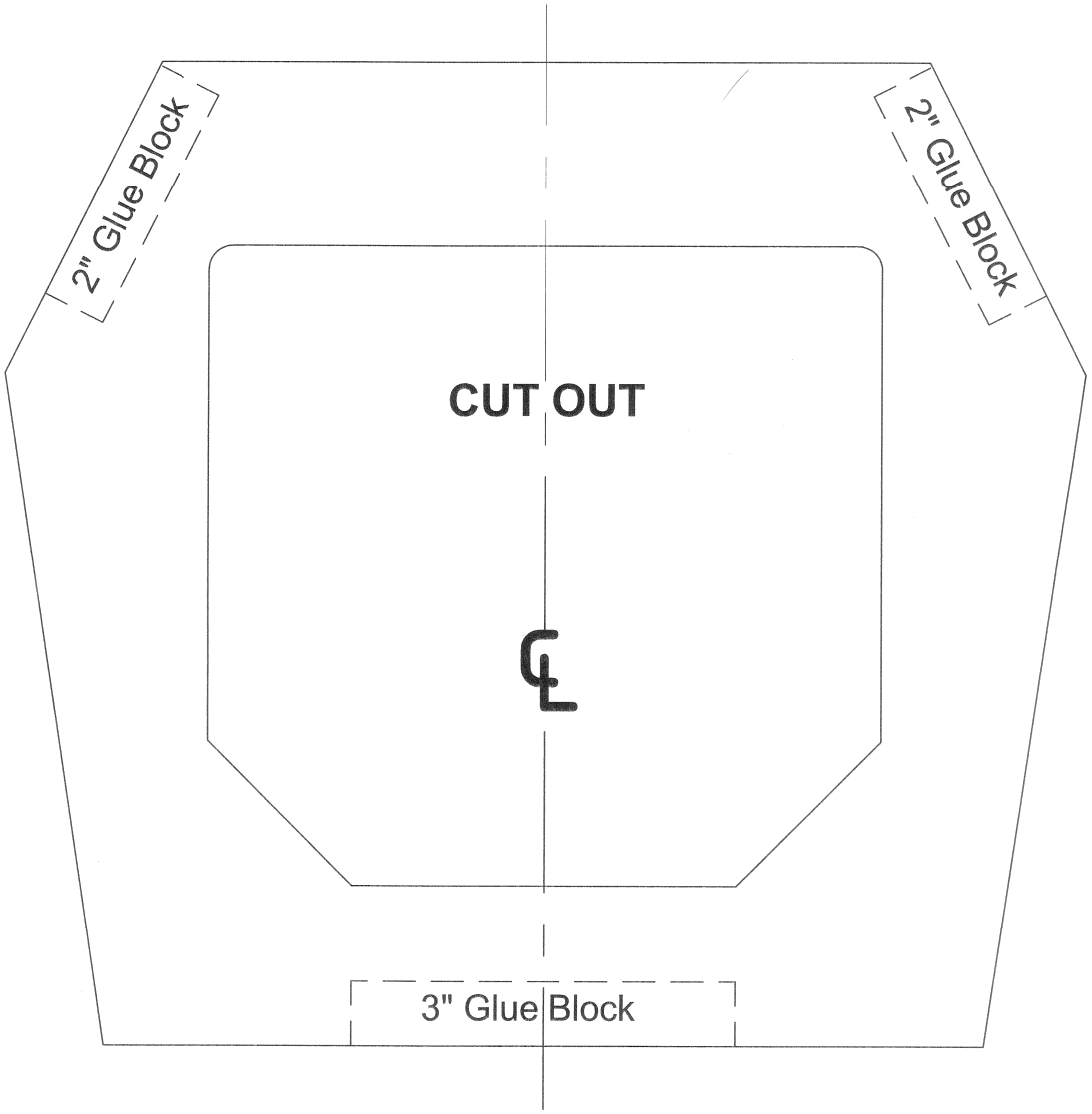
Full Scale Trace Template, Qty 1 Req.

IMPORTANT: Due to the photocopying process, trace templates may vary slightly from the master copy. Use the dimensions provided in the plan booklet to verify the trace template. If need be, make adjustments to the template to coordinate with the listed dimensions.



7 Upper Back Panel

Full Size Trace Template, Qty 1 Req.

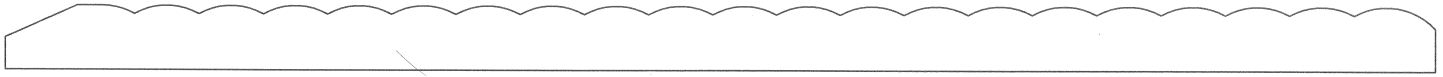


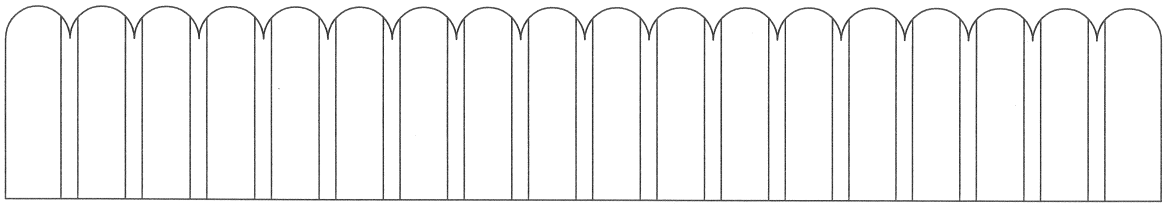
2 Lower Back Panel

Full Scale Trace Template, Qty 1 Req.

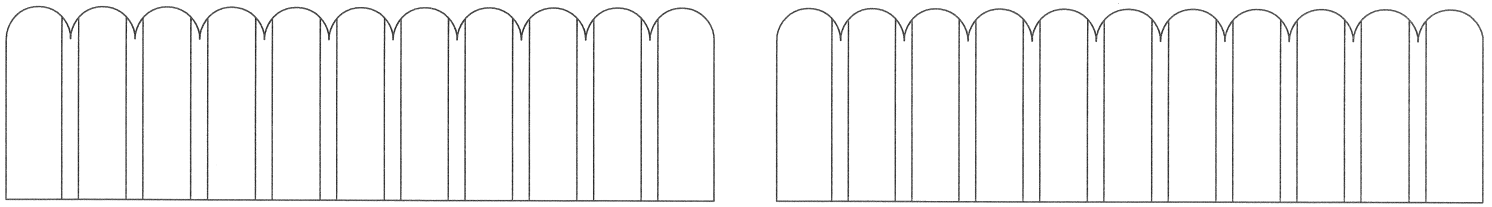
IMPORTANT: Due to the photocopying process, trace templates may vary slightly from the master copy. Use the dimensions provided in the plan booklet to verify the trace template. If need be, make adjustments to the template to coordinate with the listed dimensions.

(10) **Roof Scallop**
Full Scale Trace Template, Qty 2 Req.





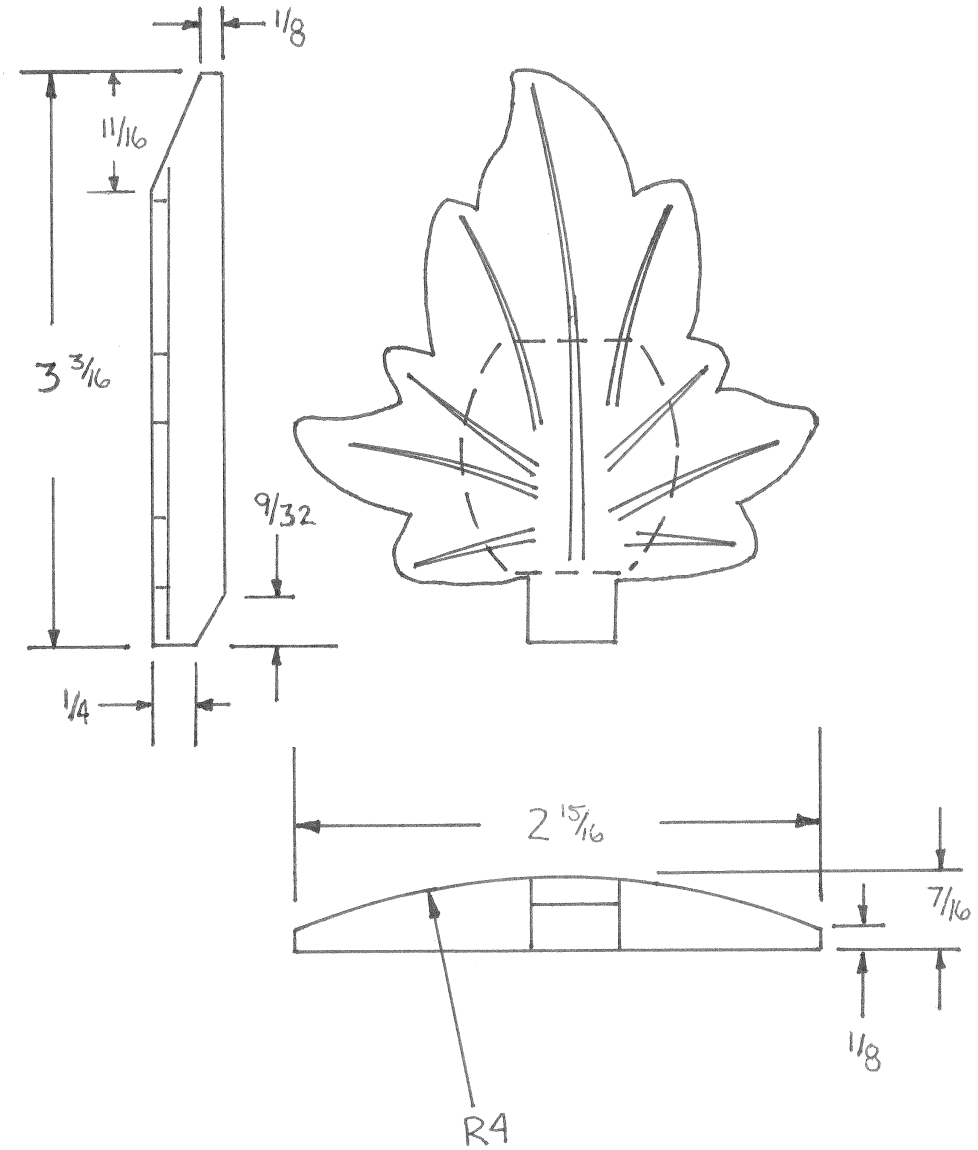
(12) **Front Fence**
Full Scale Trace Template, Qty 1 Req.



(13) **Side Fence**
Full Scale Trace Template, Qty 2 Req.

IMPORTANT: Due to the photocopying process, trace templates may vary slightly from the master copy. Use the dimensions provided in the plan booklet to verify the trace template. If need be, make adjustments to the template to coordinate with the listed dimensions.

(14) Pendulum Bob

Qty 1 Req.
Full Scale Pattern

IMPORTANT: Due to the photocopying process, trace templates may vary slightly from the master copy. Use the dimensions provided to verify the trace template. If need be, make adjustments to the template to coordinate with the listed dimensions.