

ADVANCED SCROLL SAW CLOCKS

FIVE
COMPLETE
PATTERNS
INSIDE

Measured Drawings For Five Antique Examples



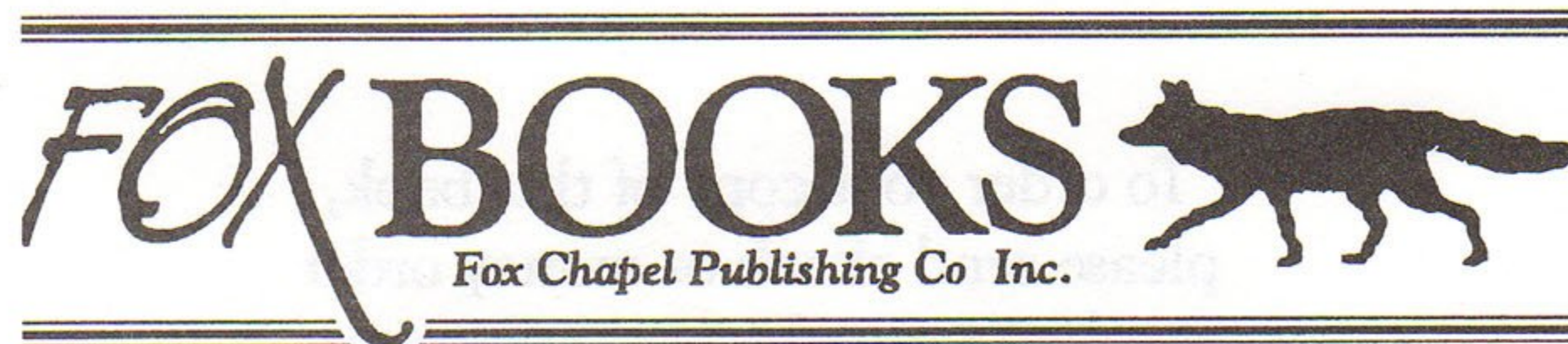
Scroll Saw
FAVORITES

By John A. Nelson

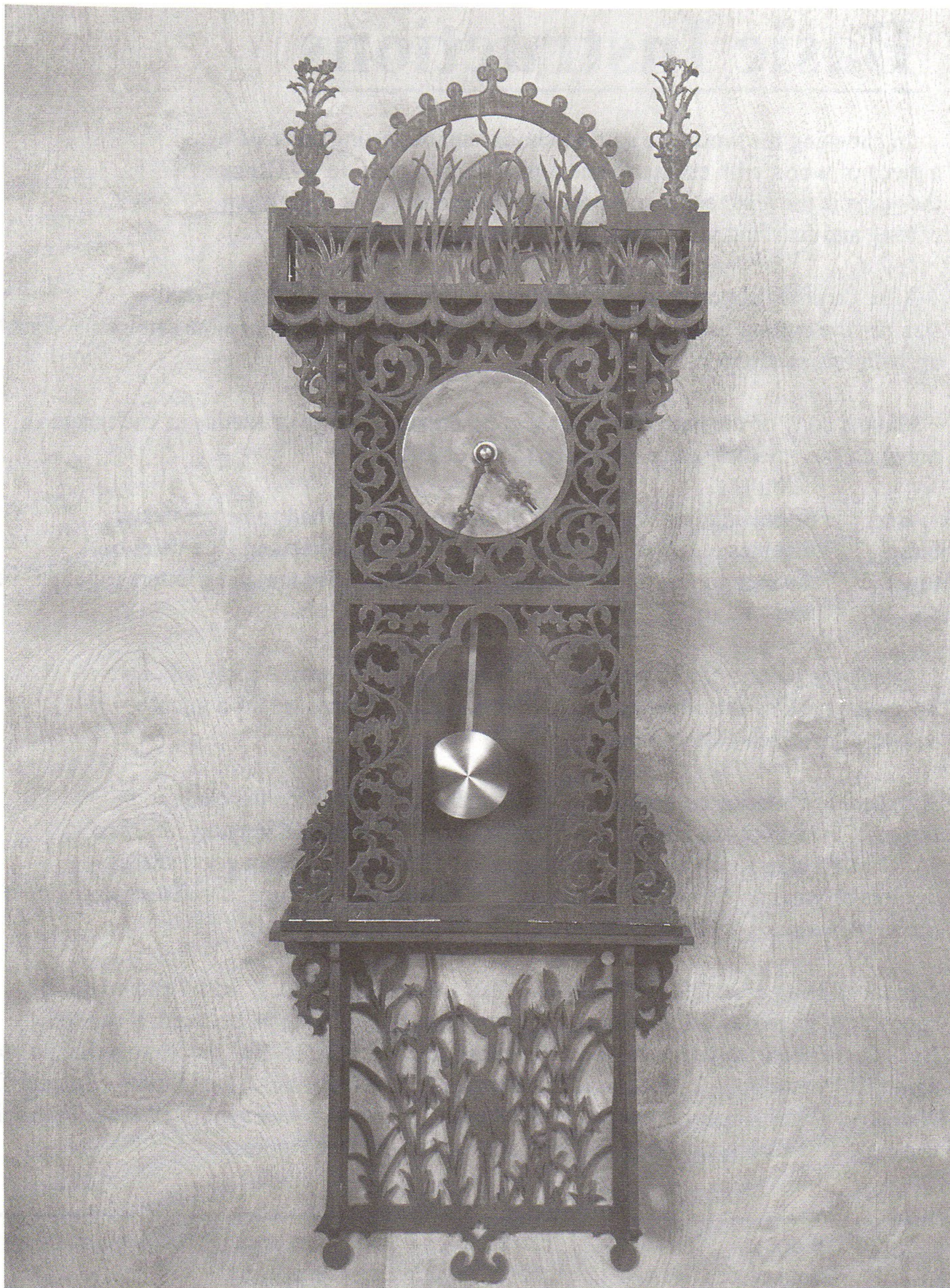
Advanced Scroll Saw Clocks

(5 Original Antique Designs)

by
John A. Nelson

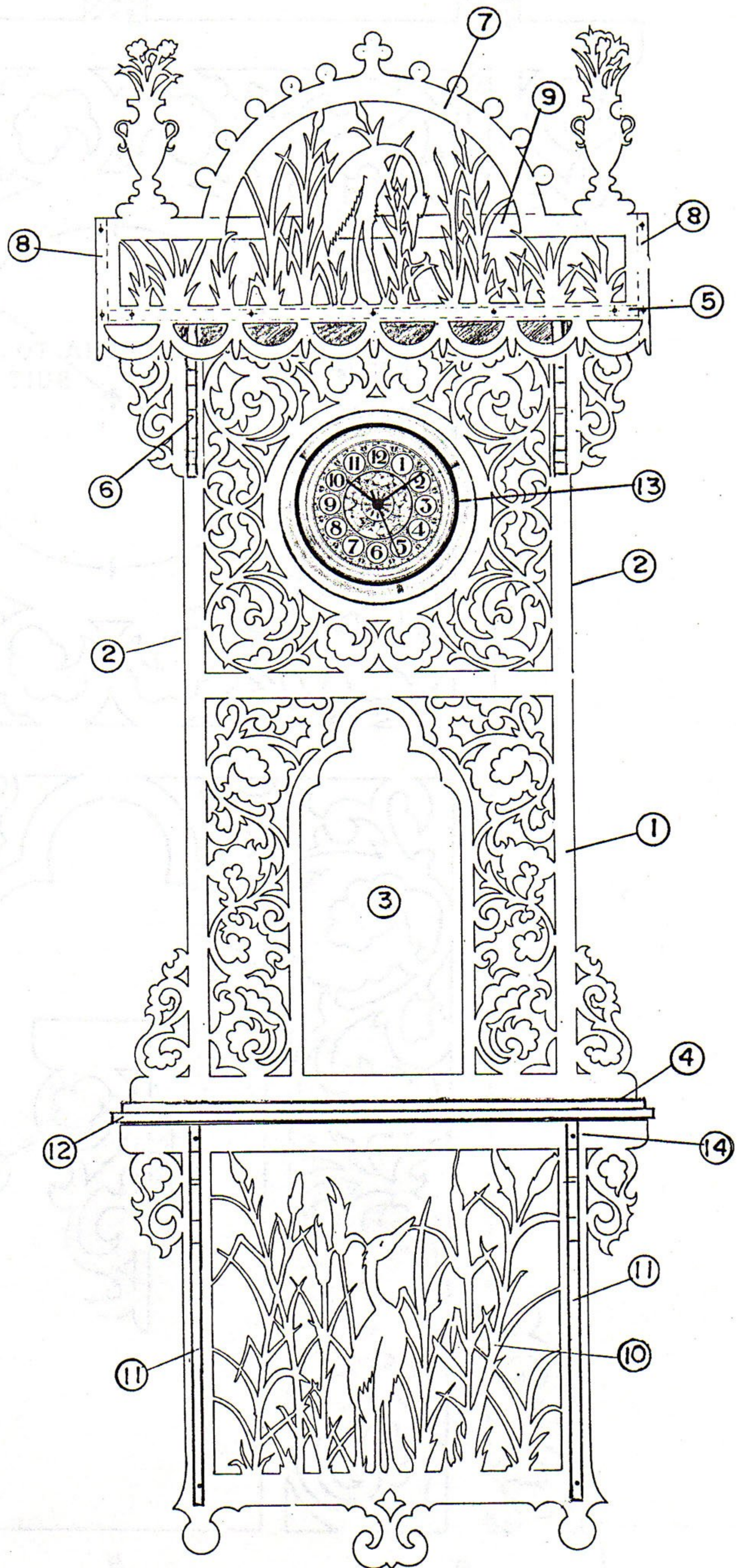


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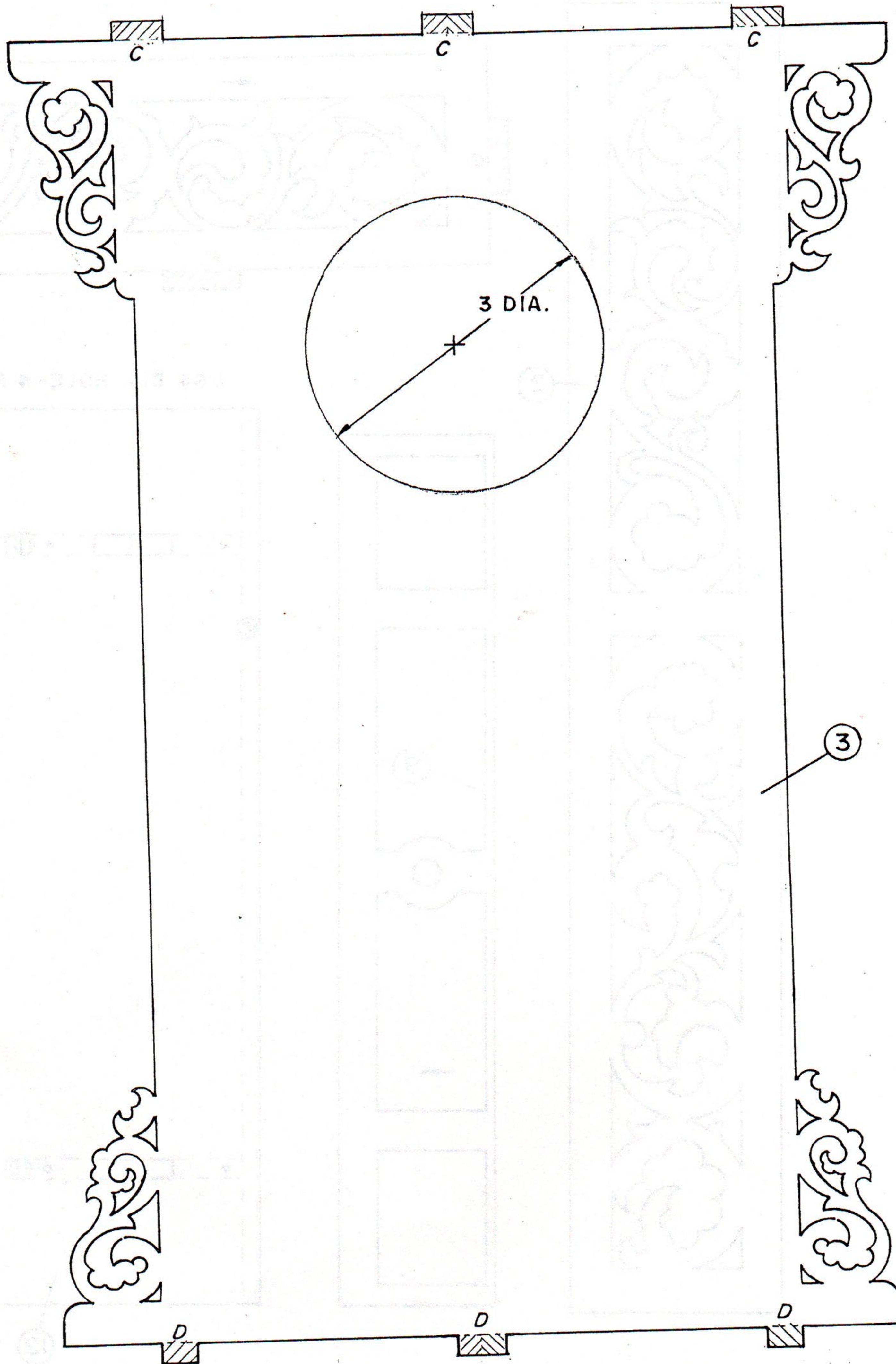
POMEROY CLOCK AND SHELF HARTFORD, CT. C. 1886

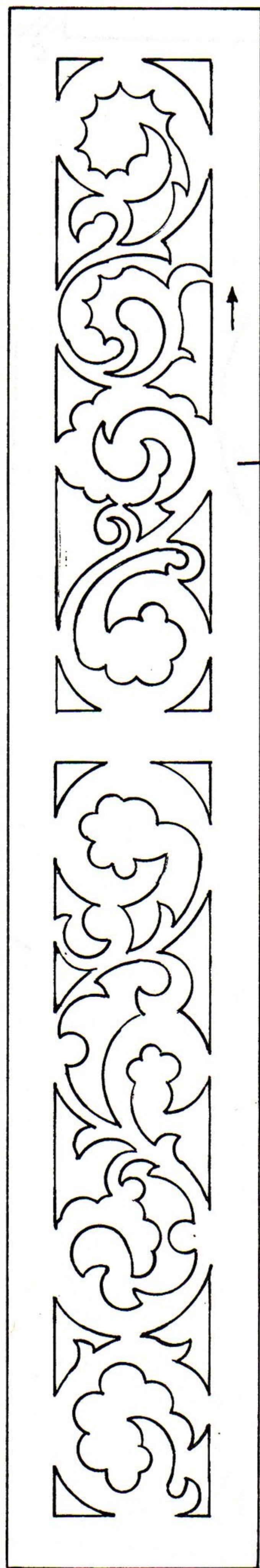
This is a clock I saw in a magazine years ago. Only two or three originals were made so I knew they were very rare. A year or so ago, I had a chance to purchase one, so I jumped at the chance. This set of plans were drawn up directly from my Pomeroy clock. Note it comes with a beautiful matching shelf.



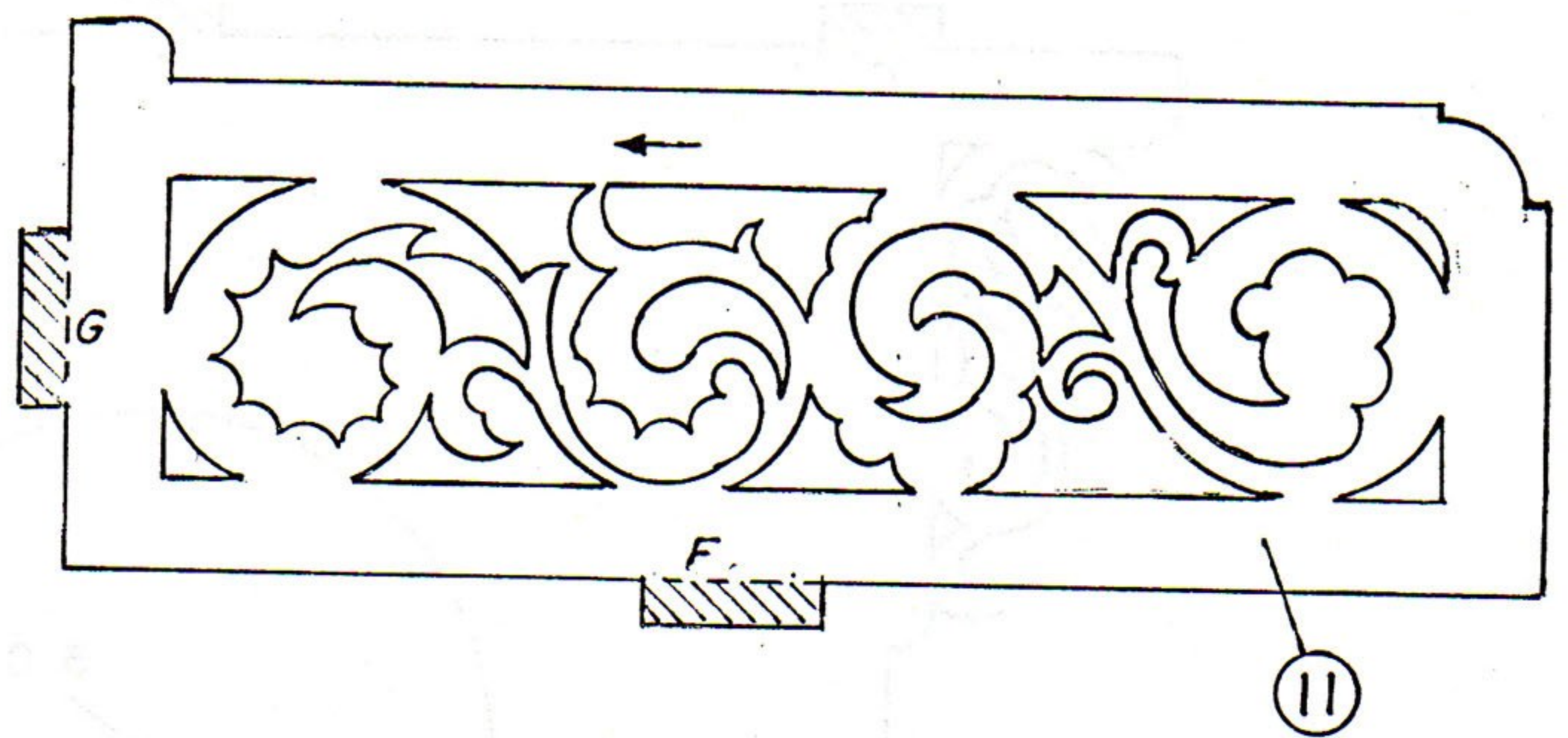
ASSEMBLY VIEW

ENLARGE ALL DRAWINGS 155%



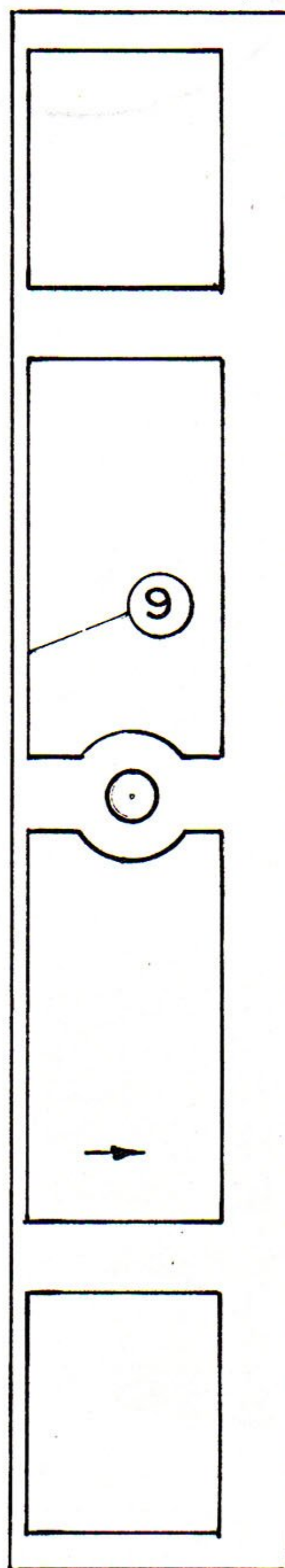


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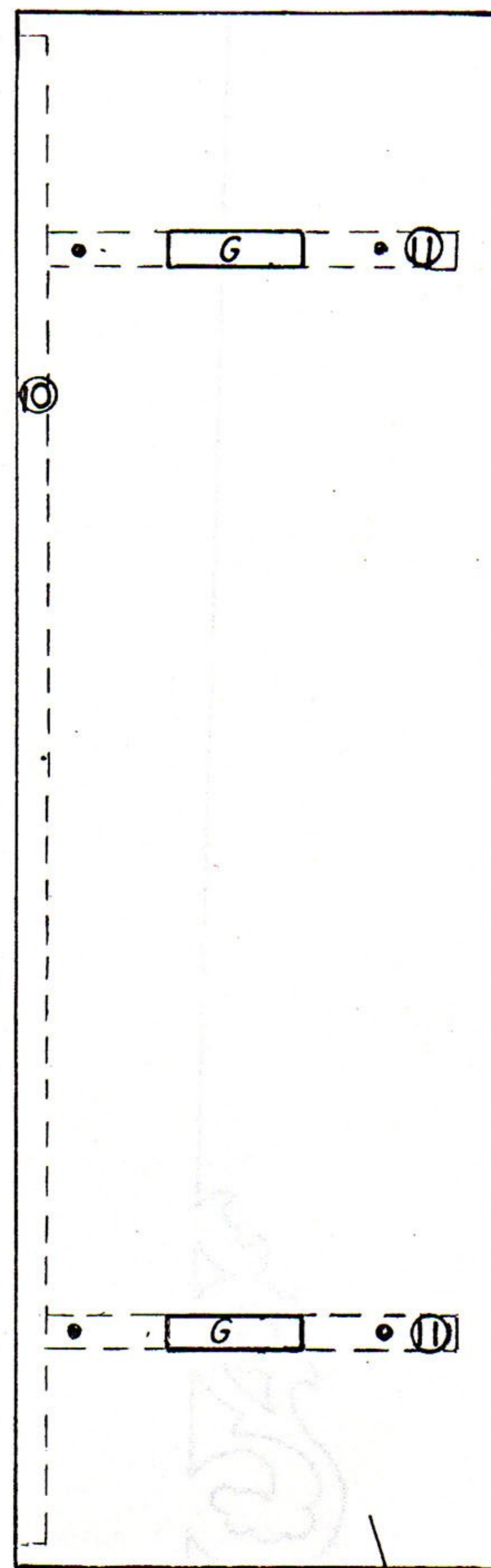


11

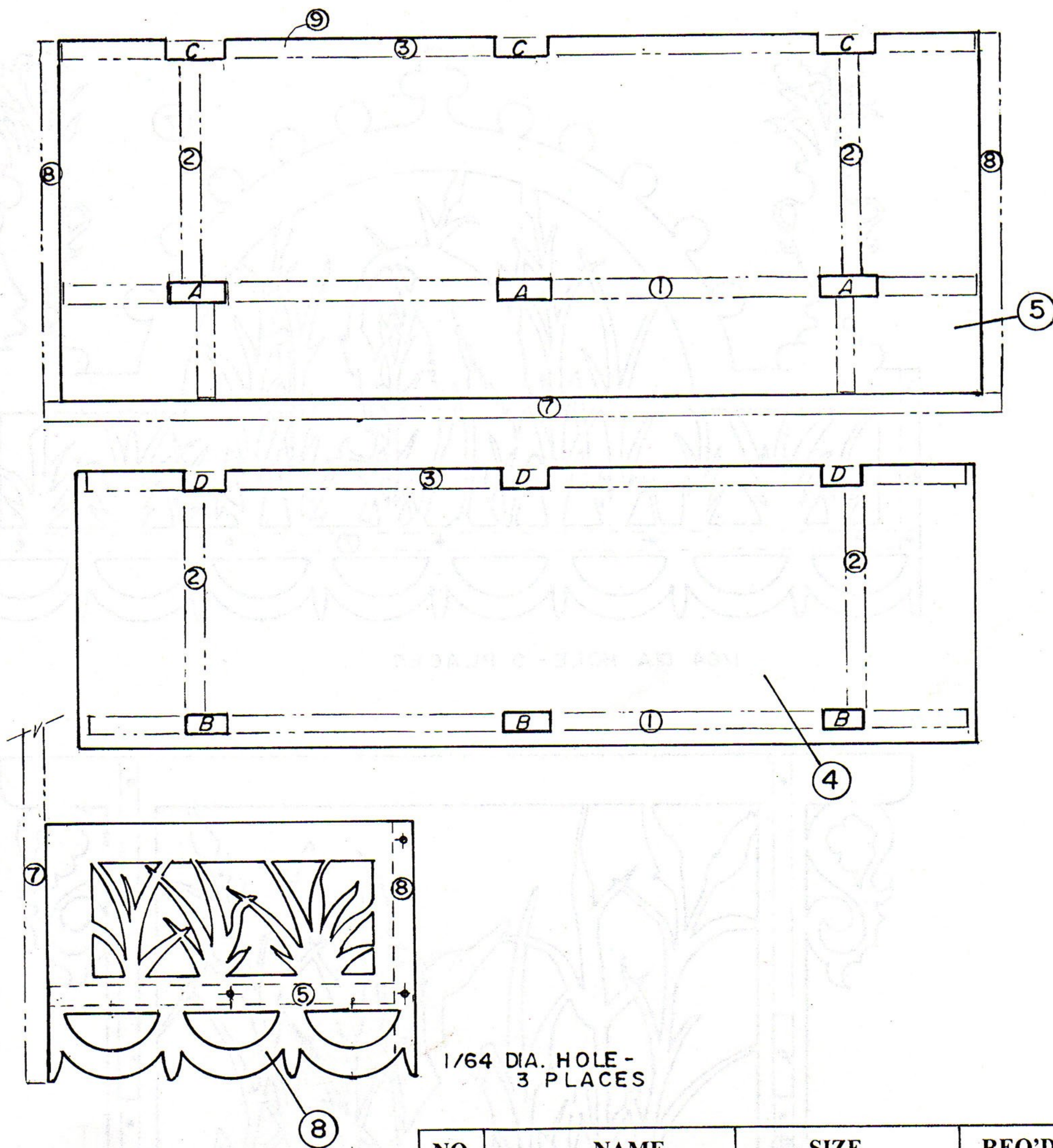
1/64 DIA. HOLE - 4 PLACES



9



12



NO.	NAME	SIZE	REQ'D.
1	FRONT	3/16" X 8 7/8" - 13 1/2"	1
2	SIDE	3/16" X 2 1/8" - 13 1/8"	2
3	BACK	3/16" X 8 7/8" - 13 1/2"	1
4	BOTTOM	3/16" X 2 5/8" - 8 1/2"	1
5	TOP	3/16" X 3 1/2" - 8 3/4"	1
6	BRACE	3/16" X 1 3/16" - 2 1/2"	2
7	TOP - FRONT	3/16" X 5 1/2" - 9 1/8"	1
8	TOP - SIDE	3/16" X 2 1/2" - 3 1/2"	2
9	TOP - BACK	3/16" X 1 9/16" - 8 3/4"	1
10	SHELF - BACK	3/16" X 8 3/4" - 7 1/2"	1
11	SHELF - BRACE	3/16" X 2 5/16" - 6 5/8"	2
12	SHELF	3/16" X 2 3/4" - 9"	1
13	QUARTZ *MOVEMENT	3 1/8" TO 3 5/8" DIA.	1
14	BRADS	1 1/2" LG.	AS REQ'D.

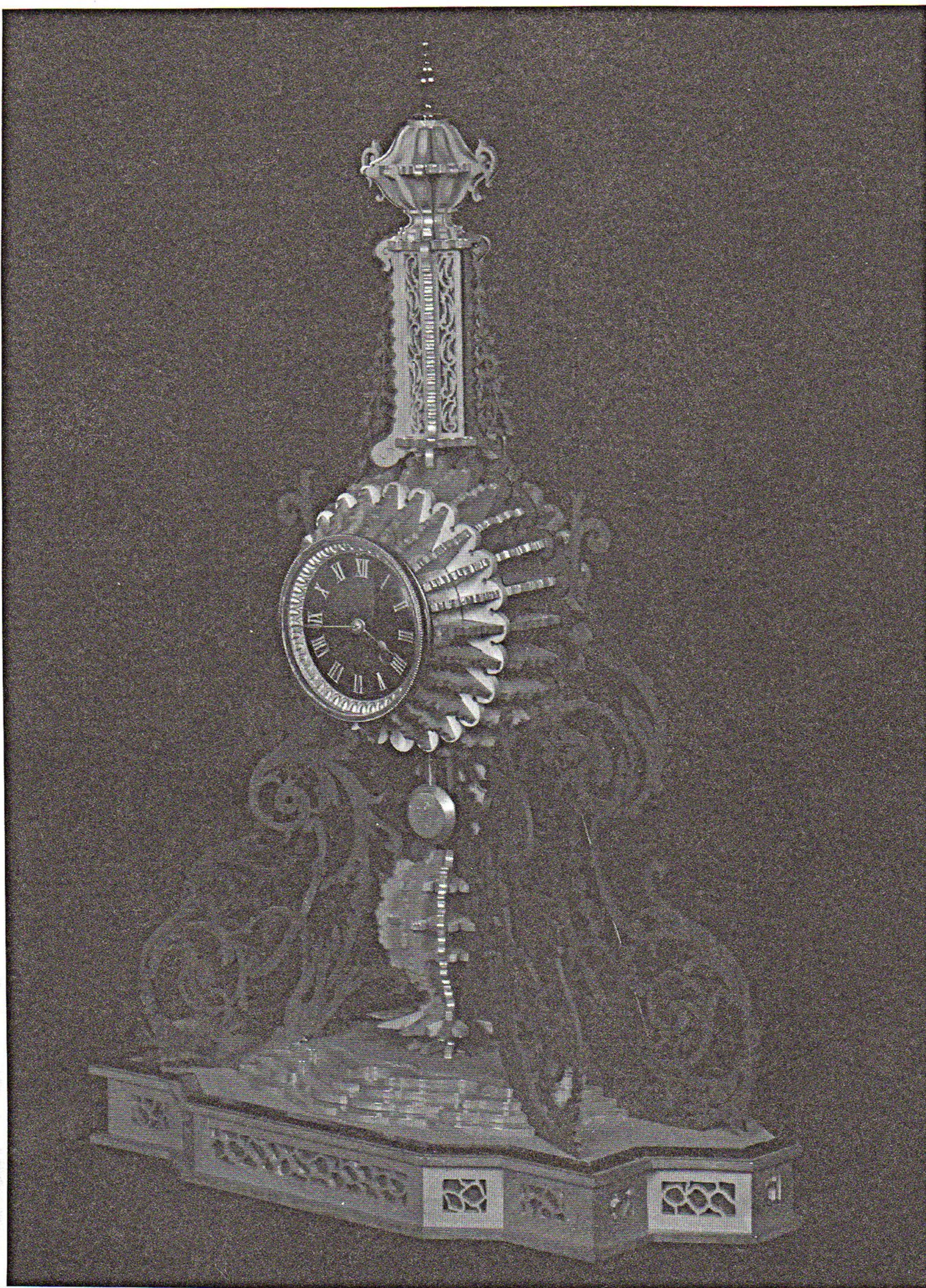
*OPTIONAL - QUARTZ MOVEMENT W/PENDULUM (8" LONG)



1/64 DIA. HOLE - 9 PLACES



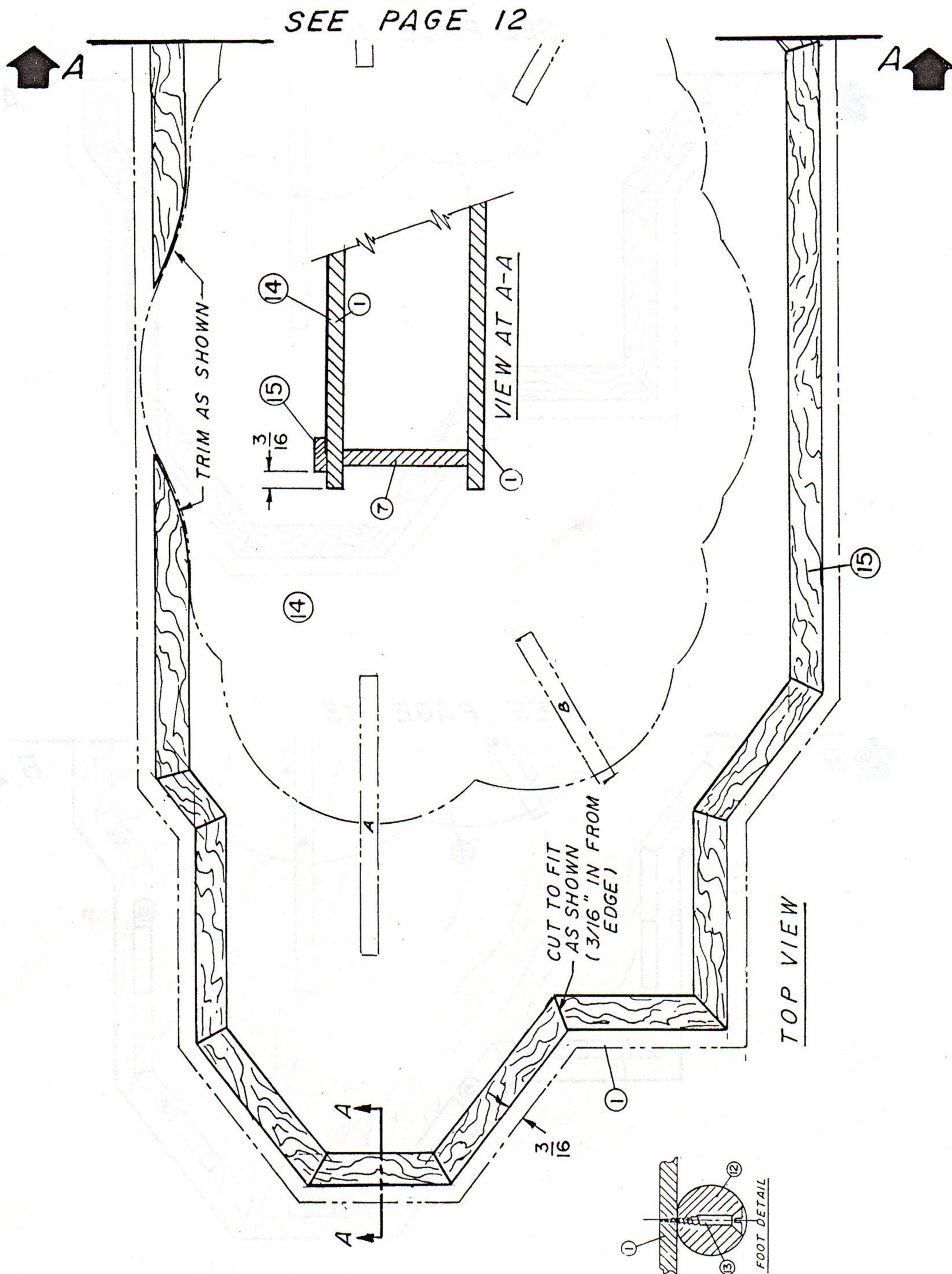
1/64 DIA. HOLE
6 PLACES



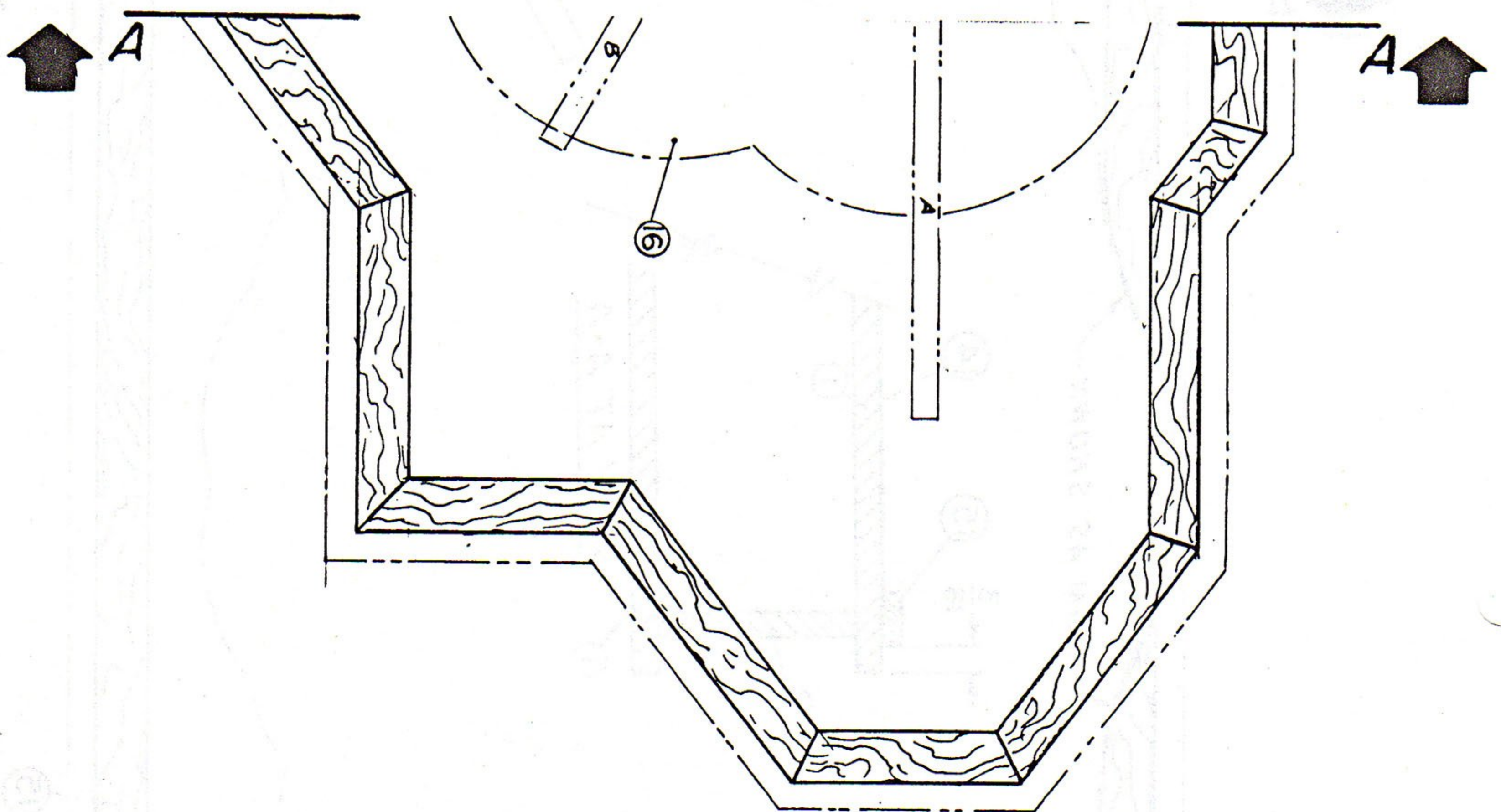
THE JENNIFER

If you want an original, unusual antique clock here it is. The original clock was flown in from Hawaii to an auction in Boston, Massachusetts. In transit the original was destroyed. When I bought this clock it was in small pieces -- it was given to me in three large plastic sandwich bags. Most pieces were smaller than a half dollar in size. It took me two and a half weeks to figure out what went where -- talk about putting together a puzzle! I know, people at the auction where I bought the clock must have thought I was crazy!

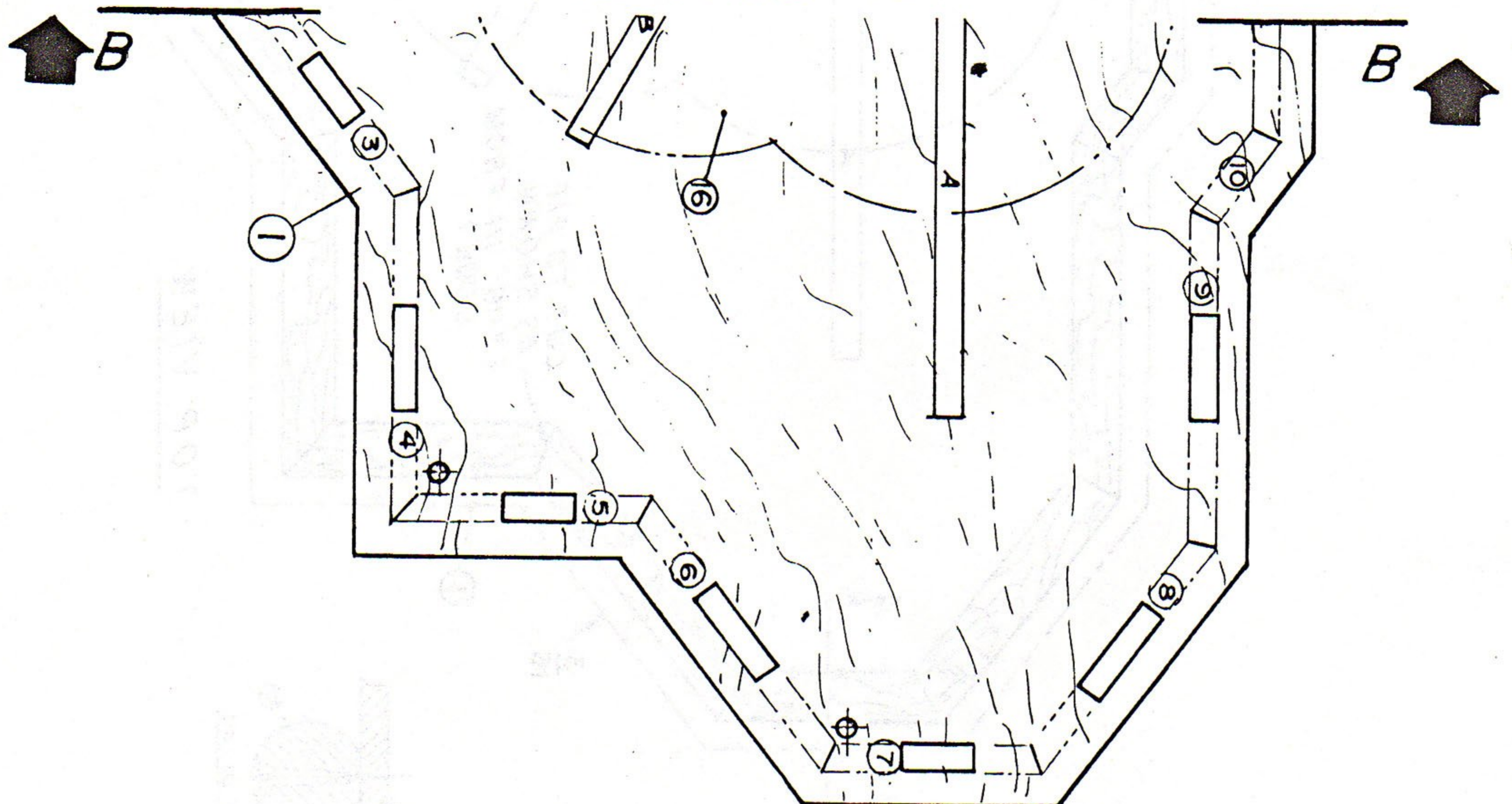




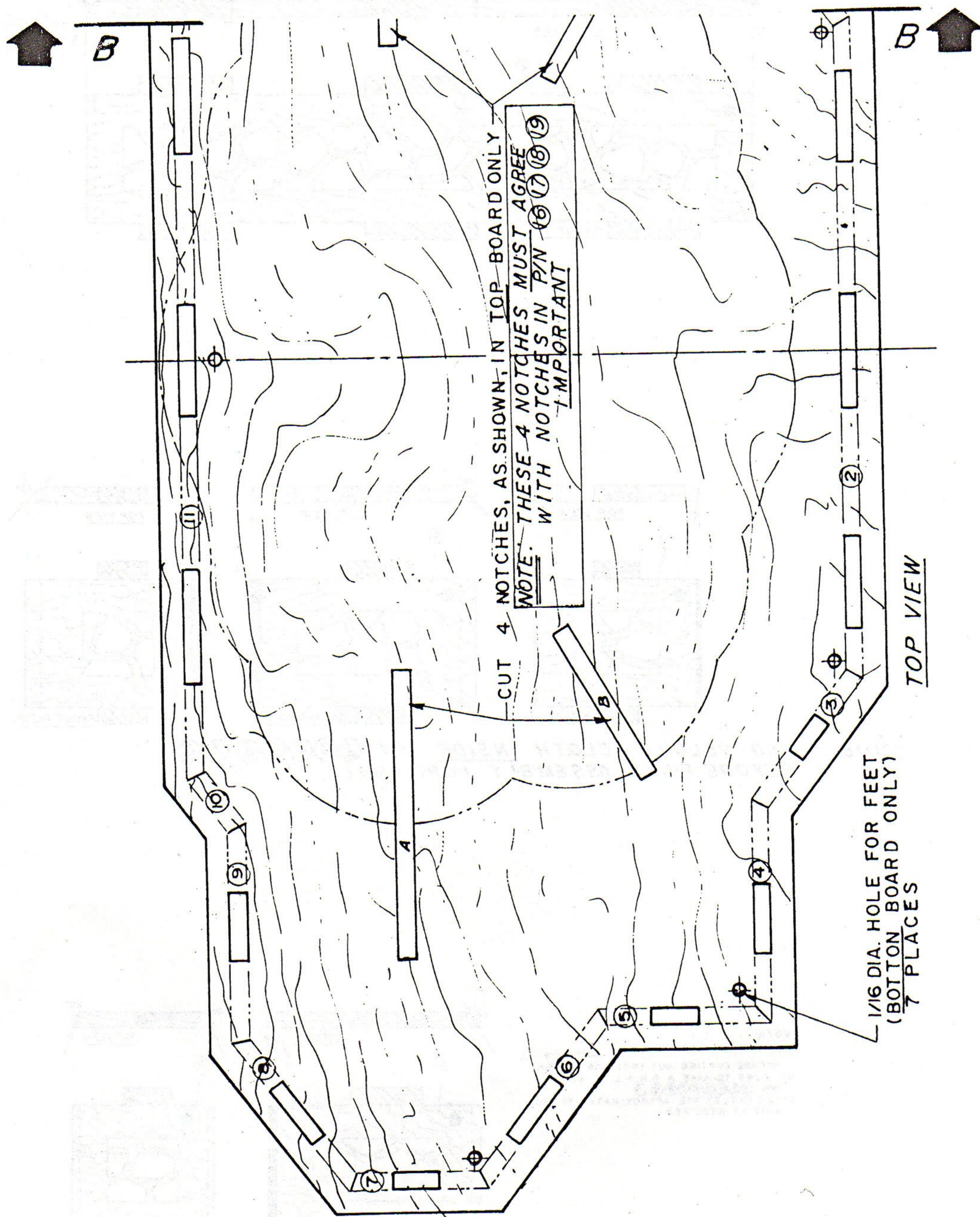
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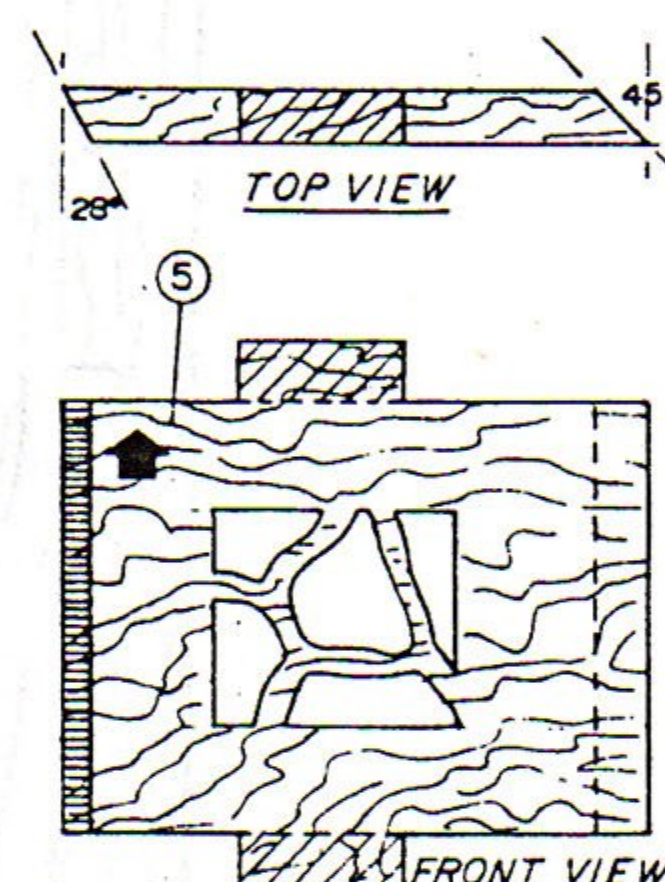
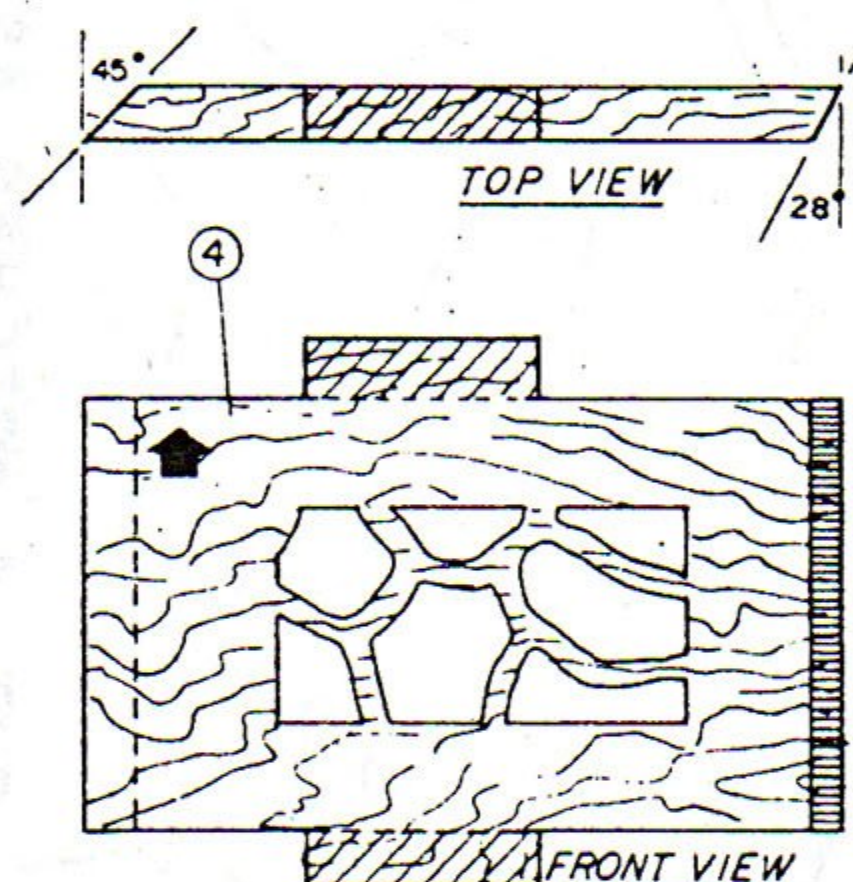
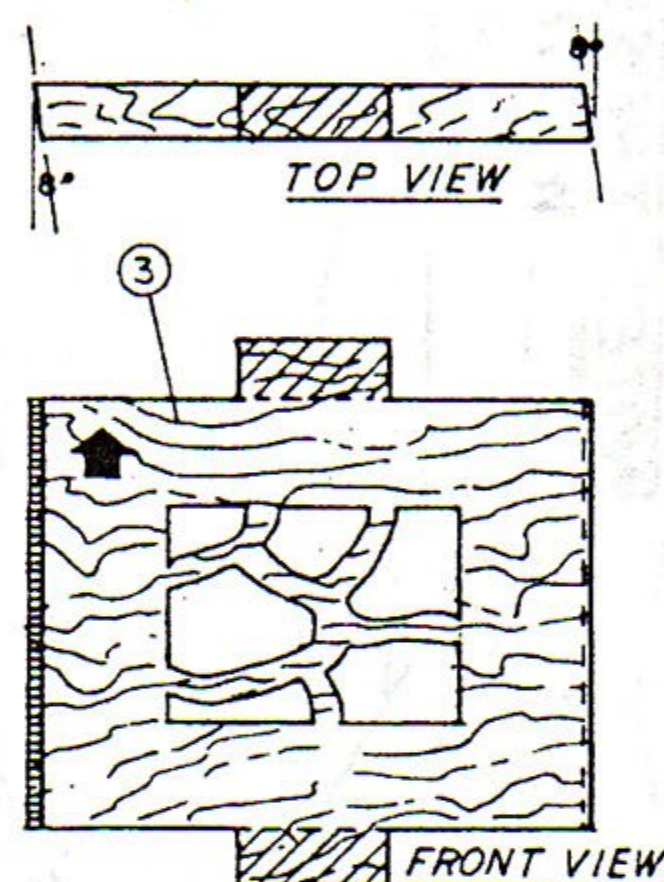
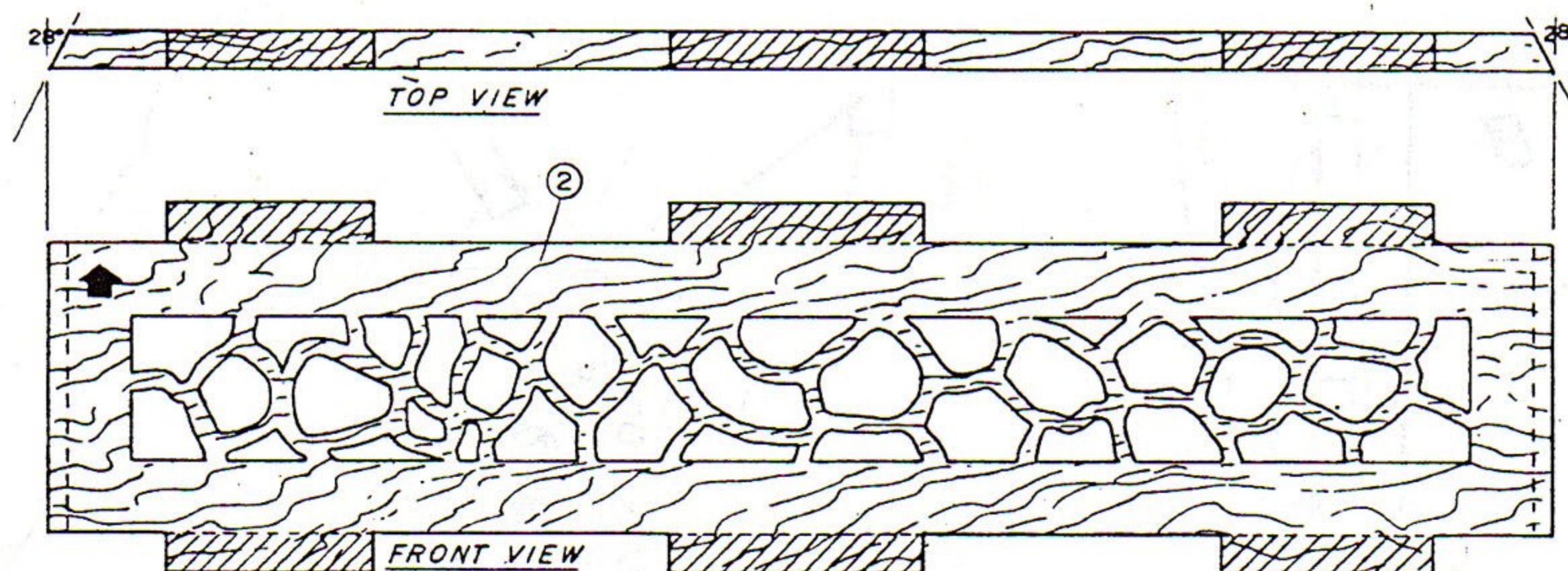


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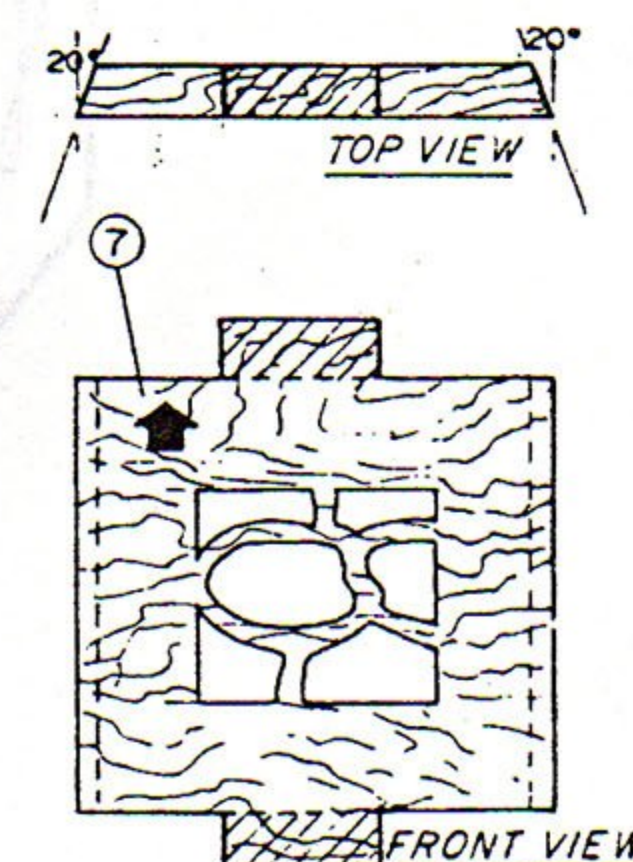
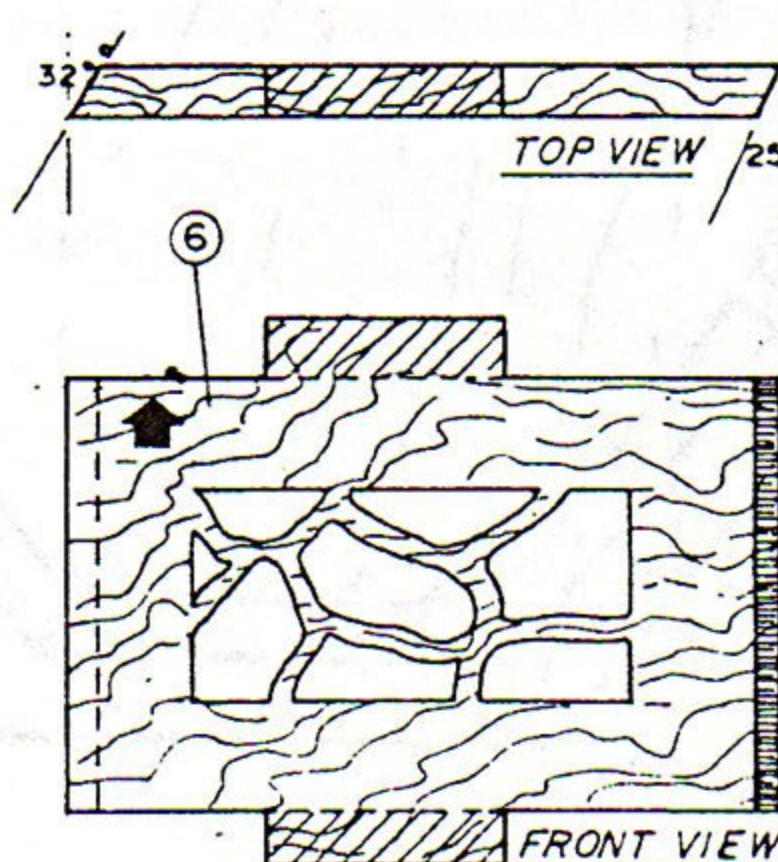


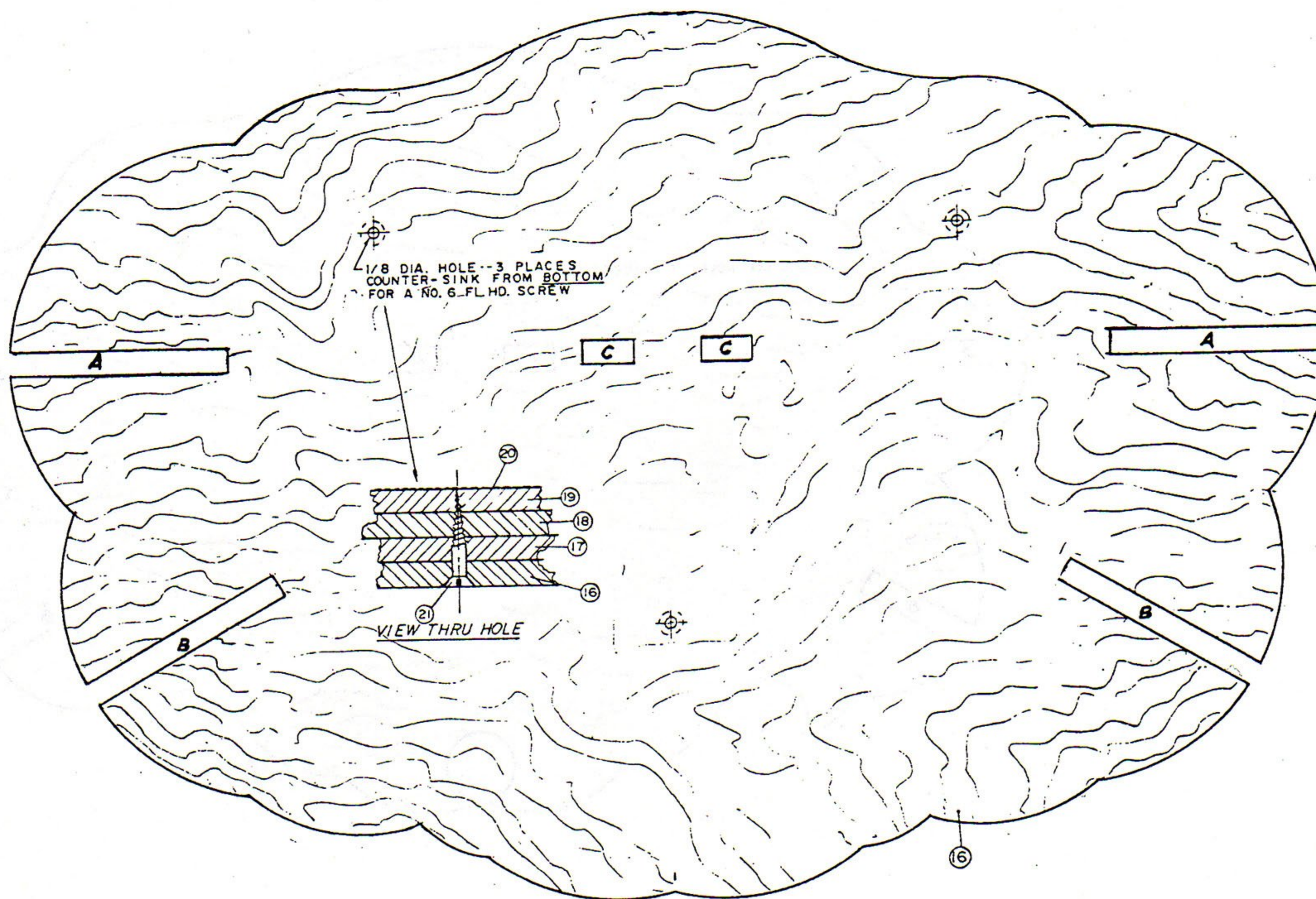
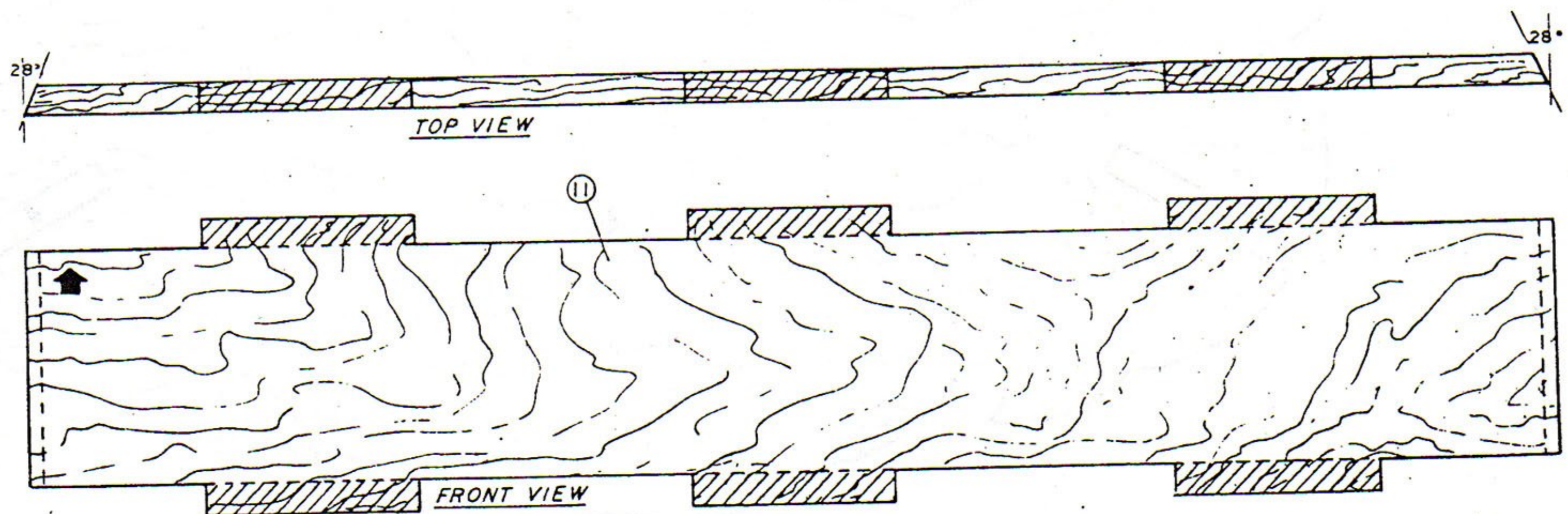
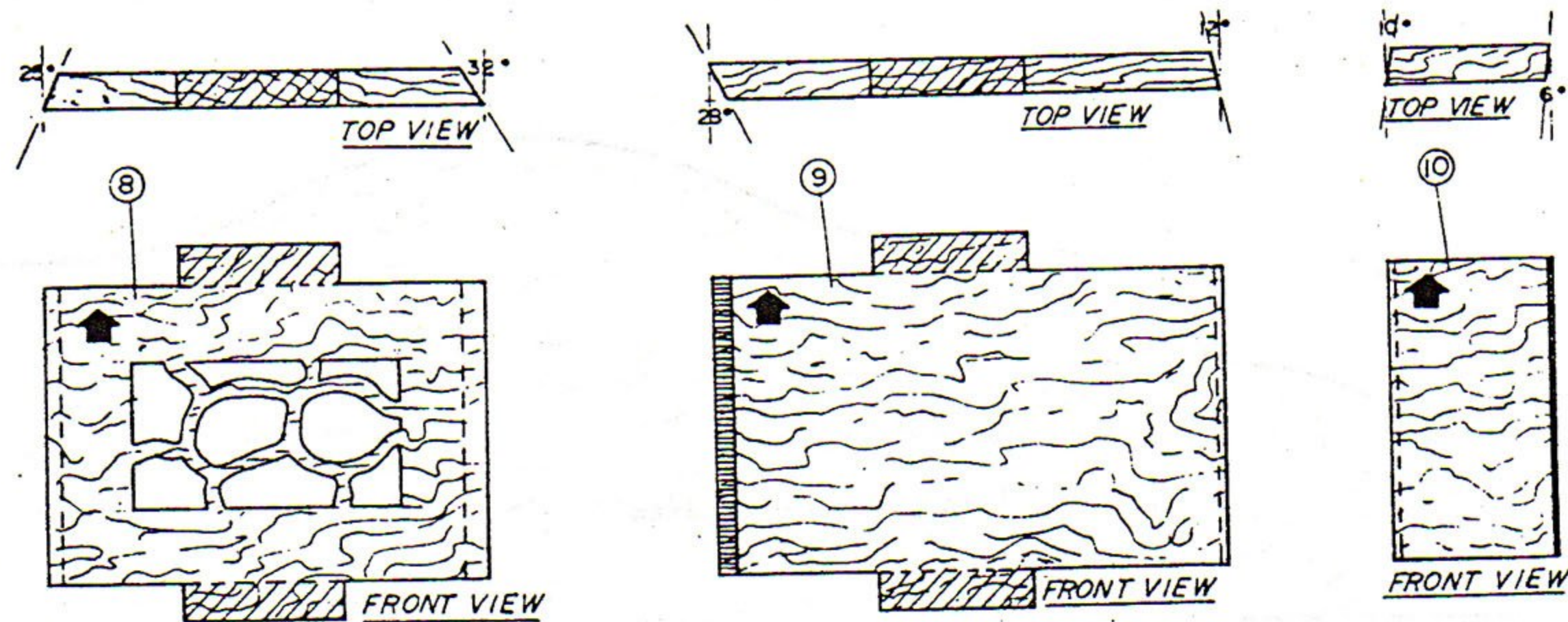


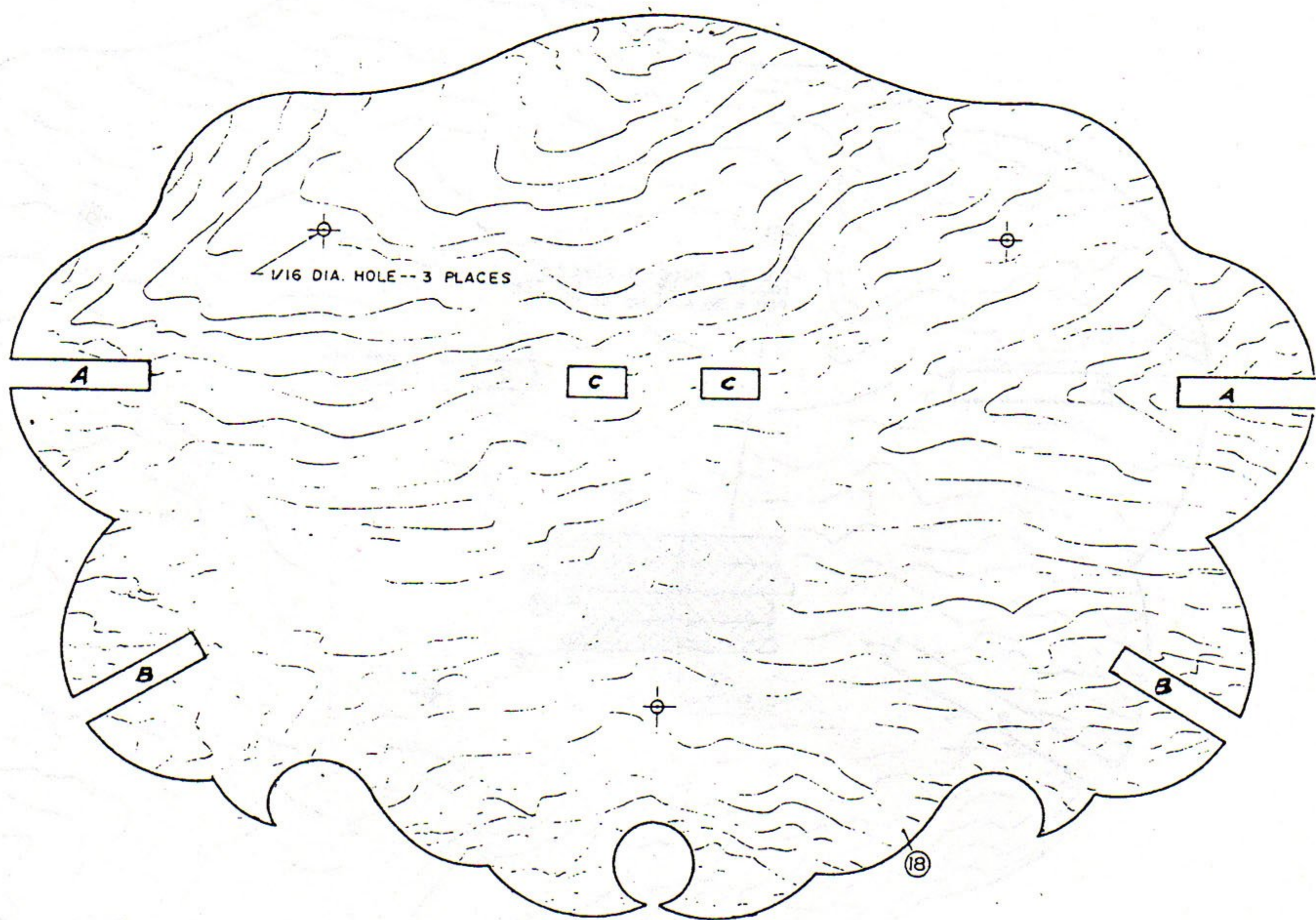
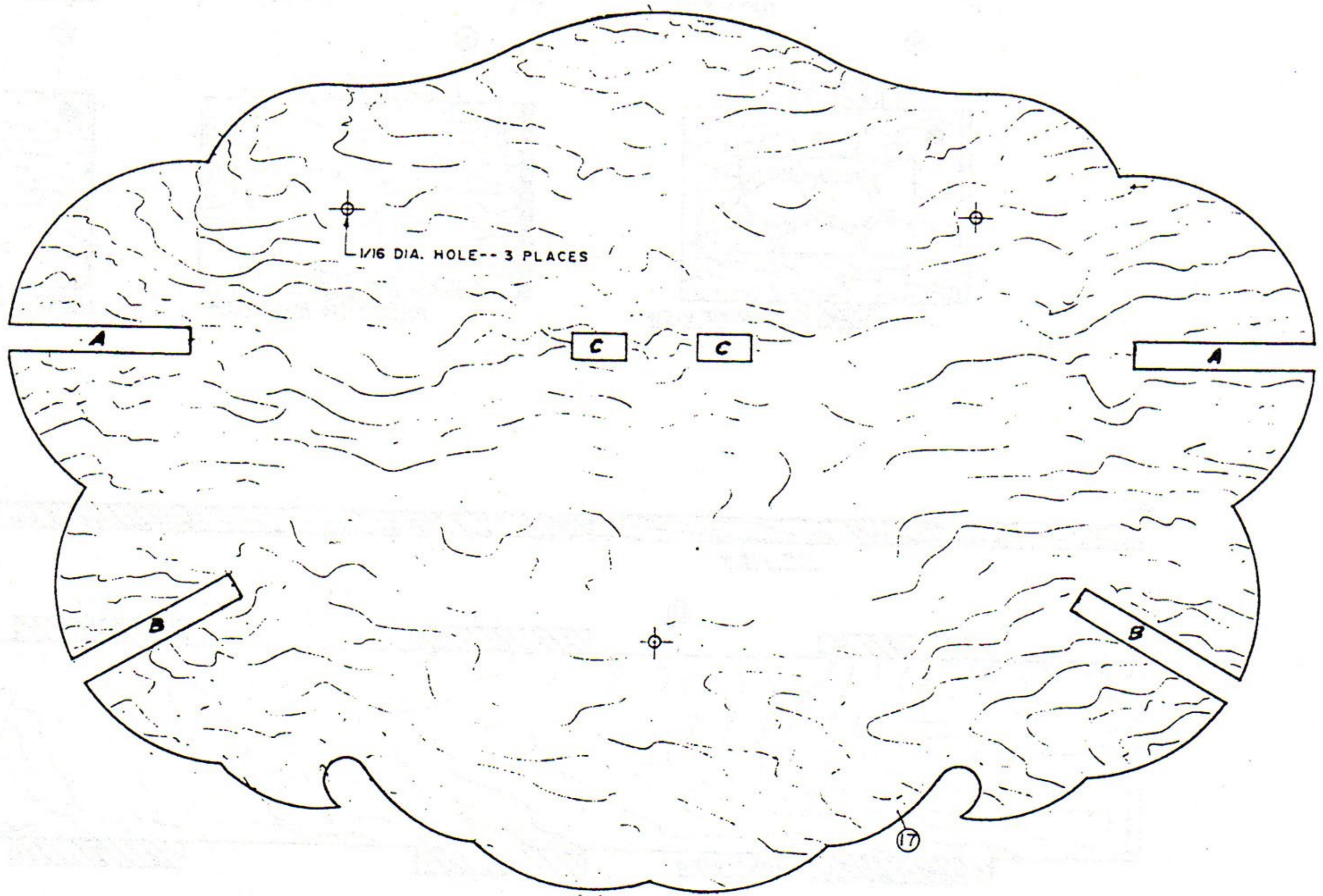
GLUE A RED VELOUR CLOTH INSIDE P/N ②③④⑤⑥⑦⑧
BEFORE FINAL ASSEMBLY (OPTIONAL)

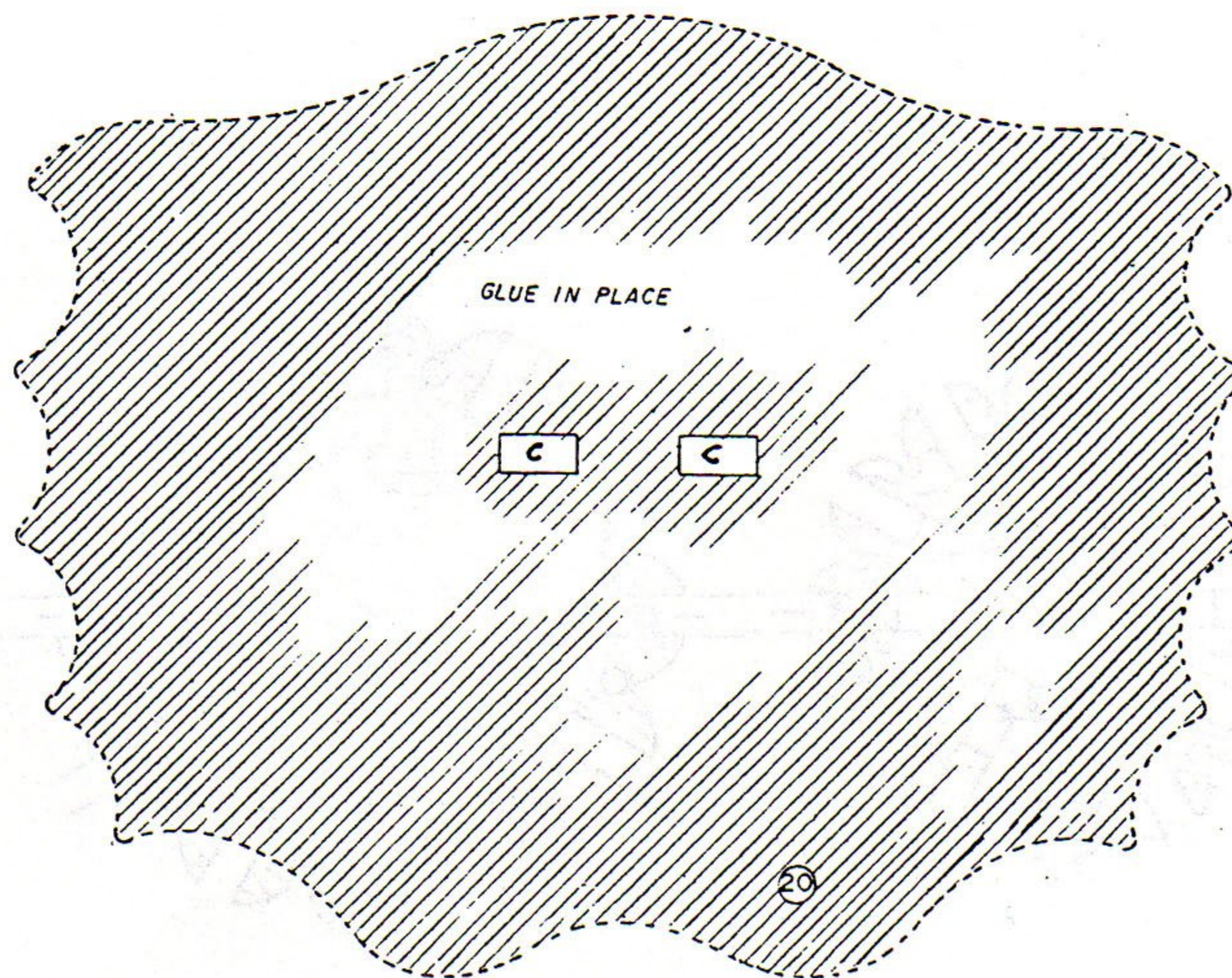
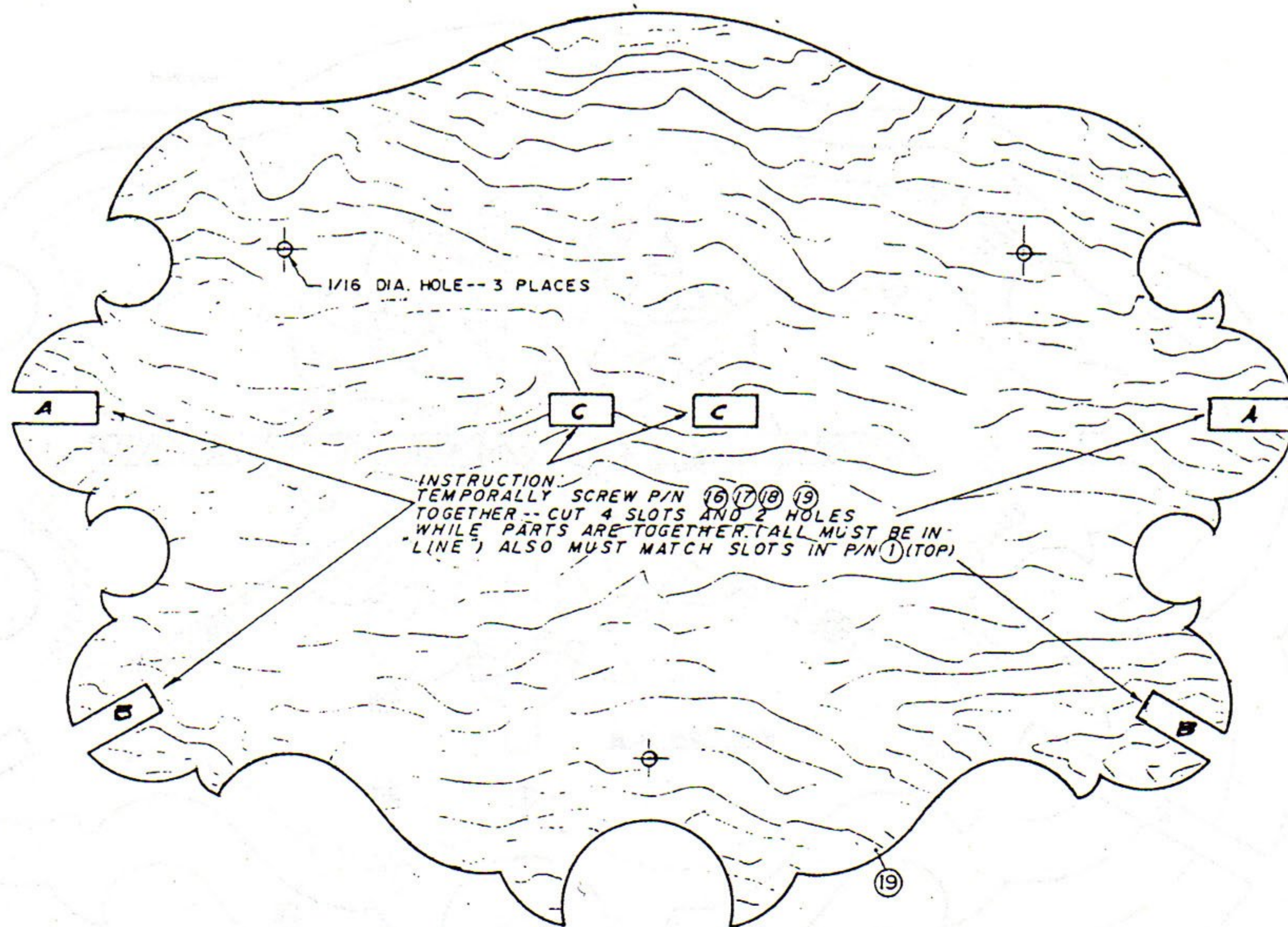
NOTE:

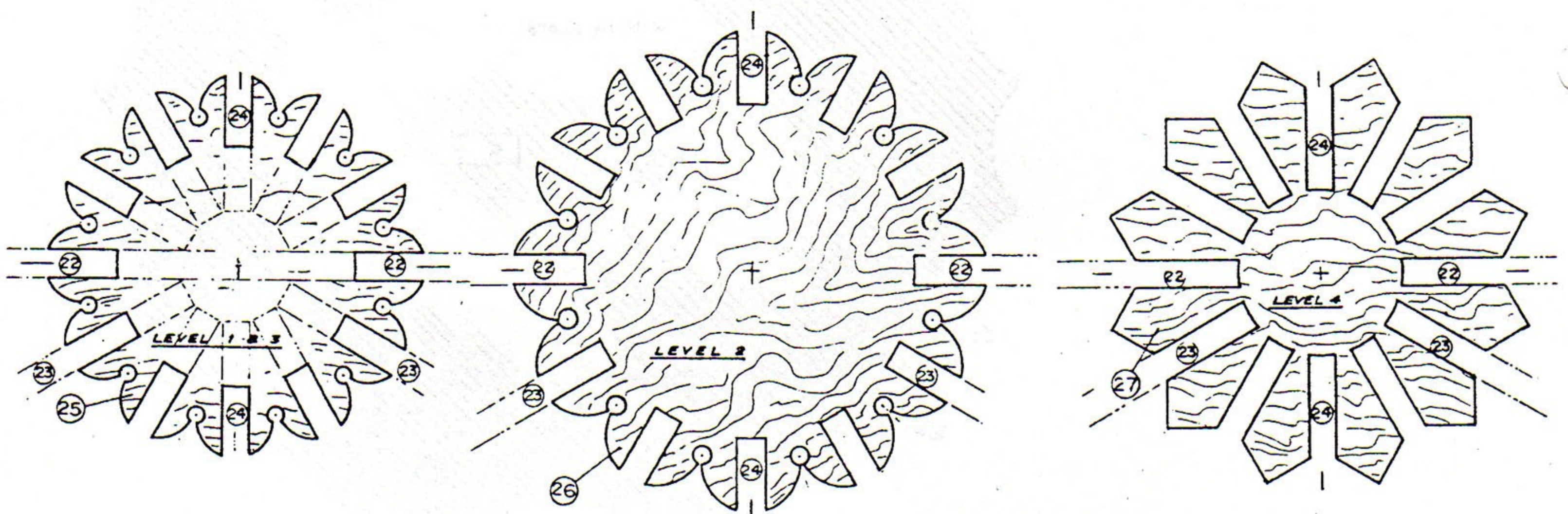
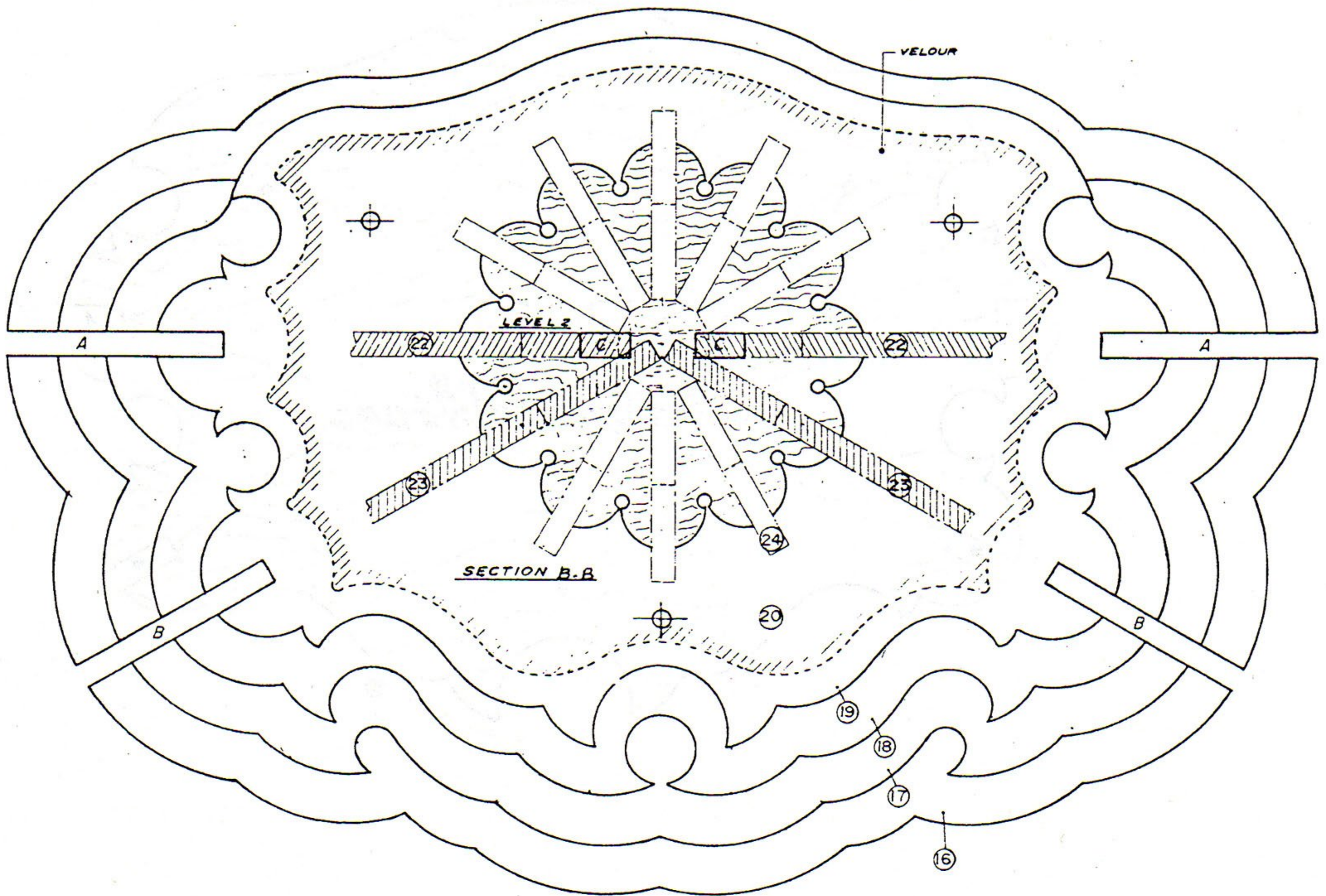
TRIM TO FIT WITH TOP/BOTTOM BASE, P/N ①,
BEFORE CUTTING OUT INTERIOR DESIGN.
BE SURE TO MAKE A R.H. - L.H. PAIR OF
P/N ②③④⑤⑥⑦⑧⑨⑩
GIVEN ANGLES ARE APPROXIMATE-- FIT TO
SUIT AS REQUIRED

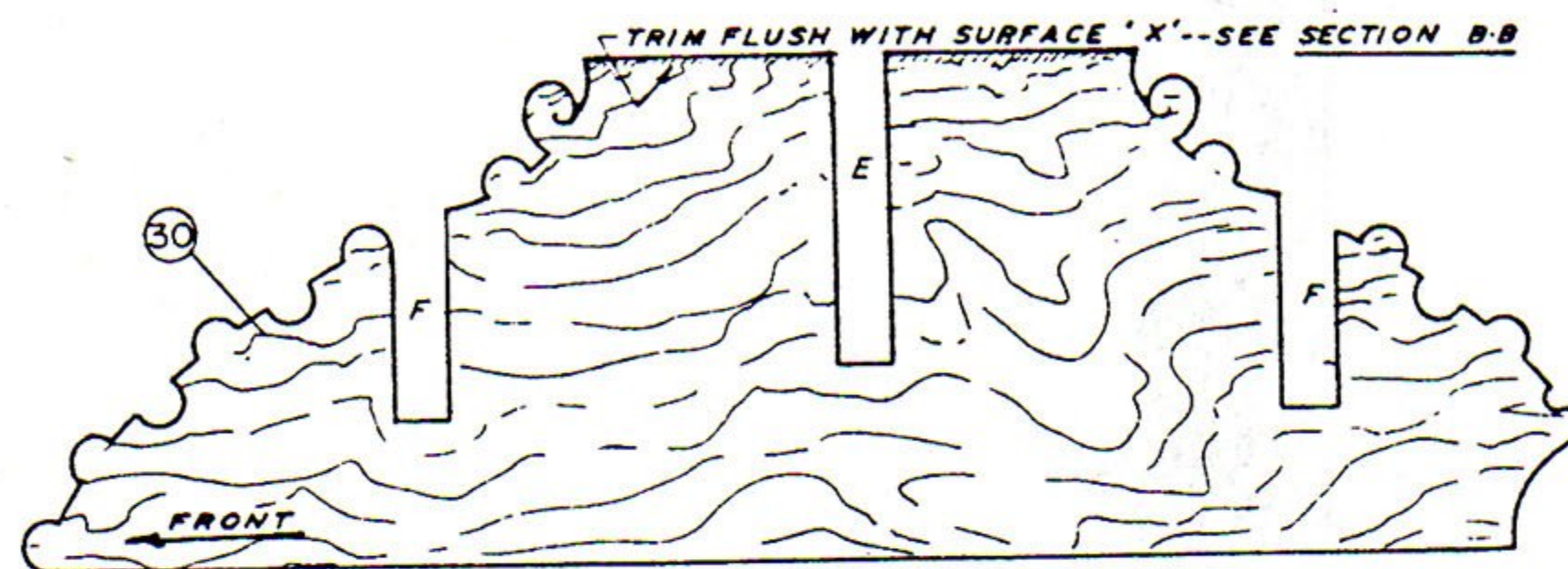
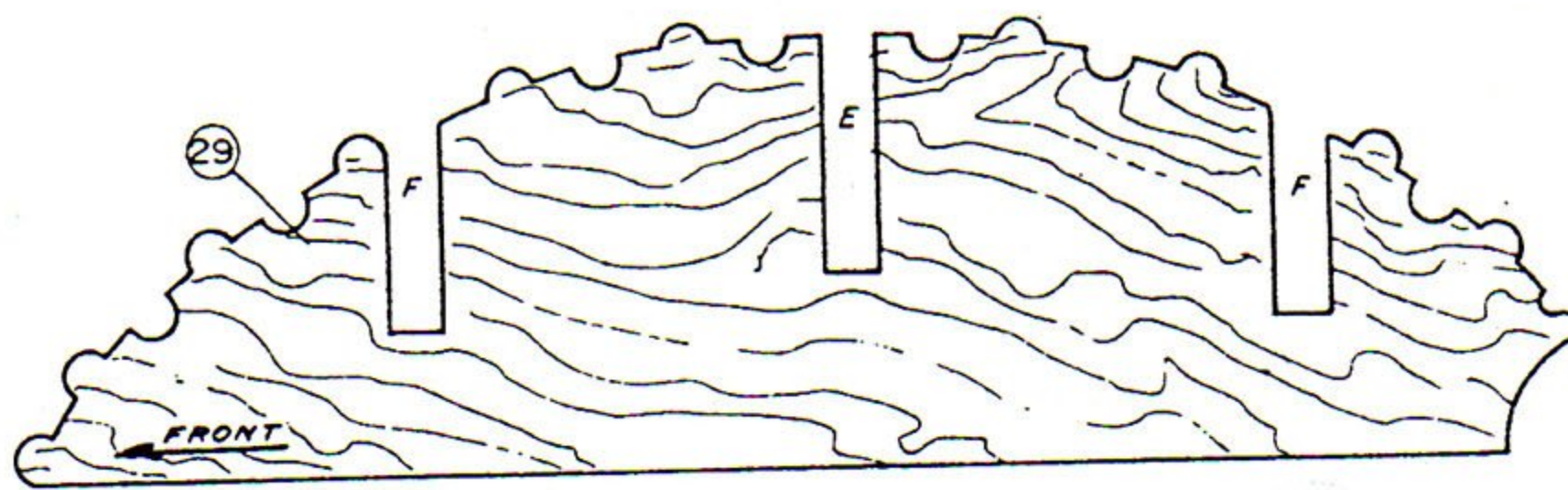




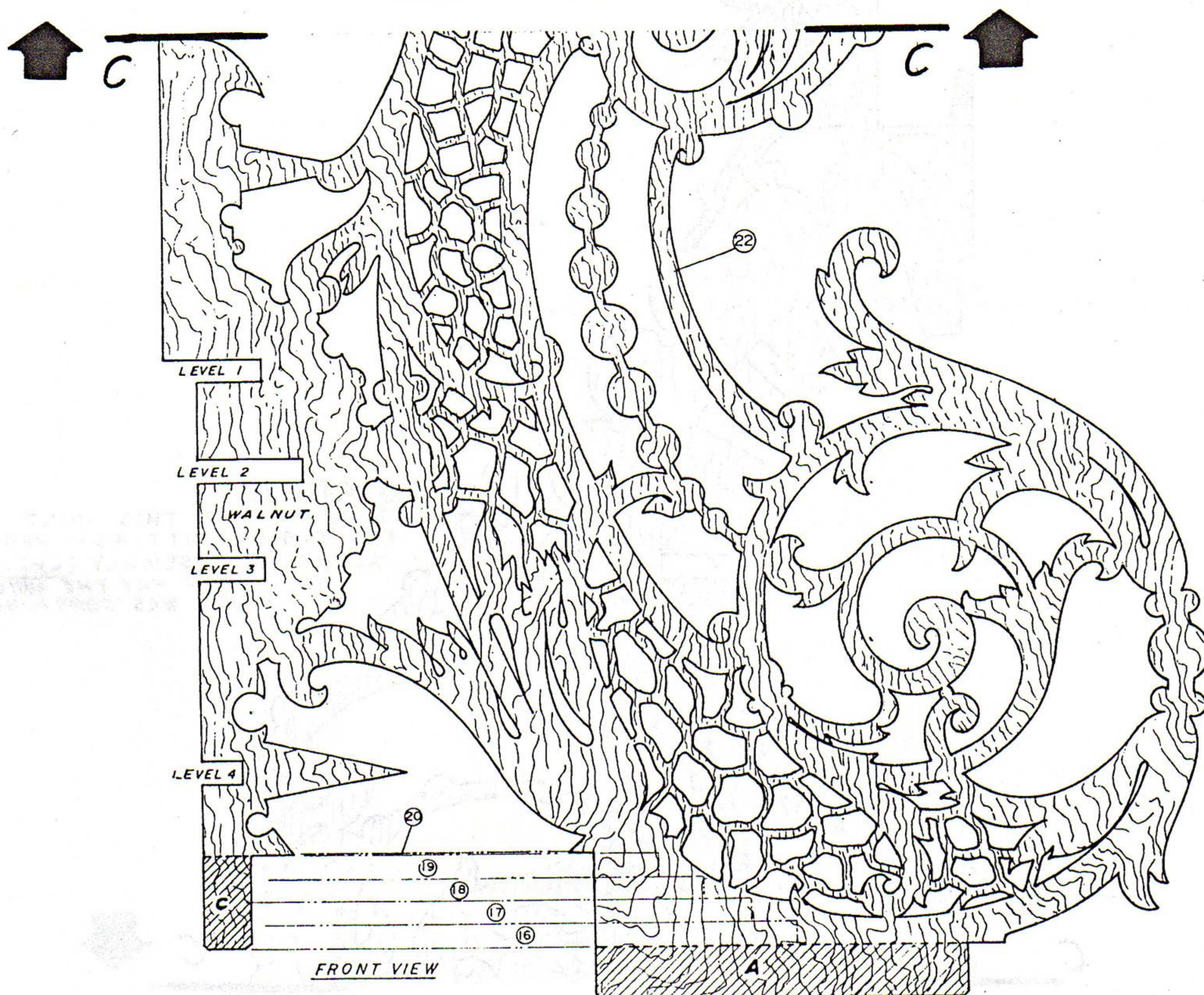


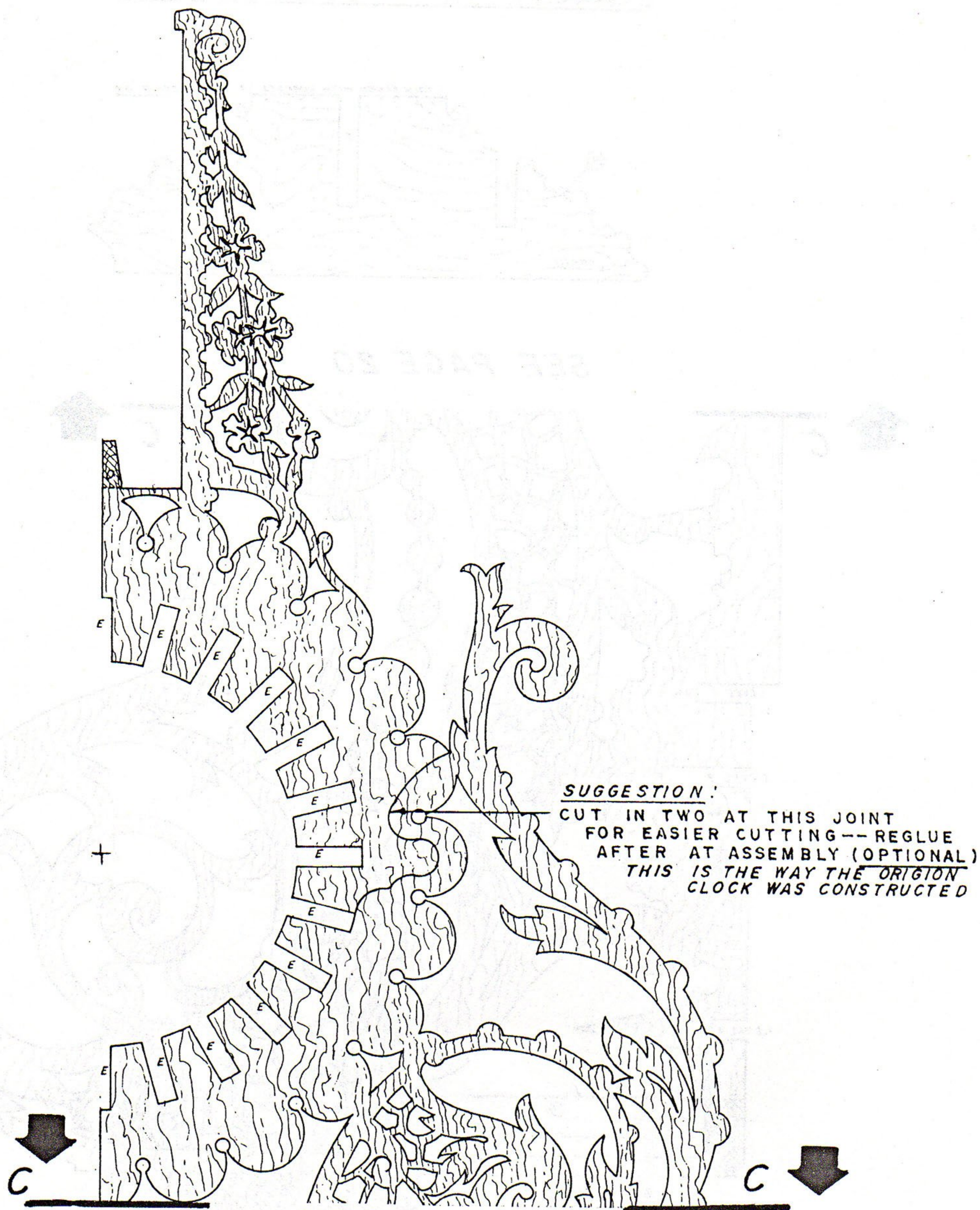




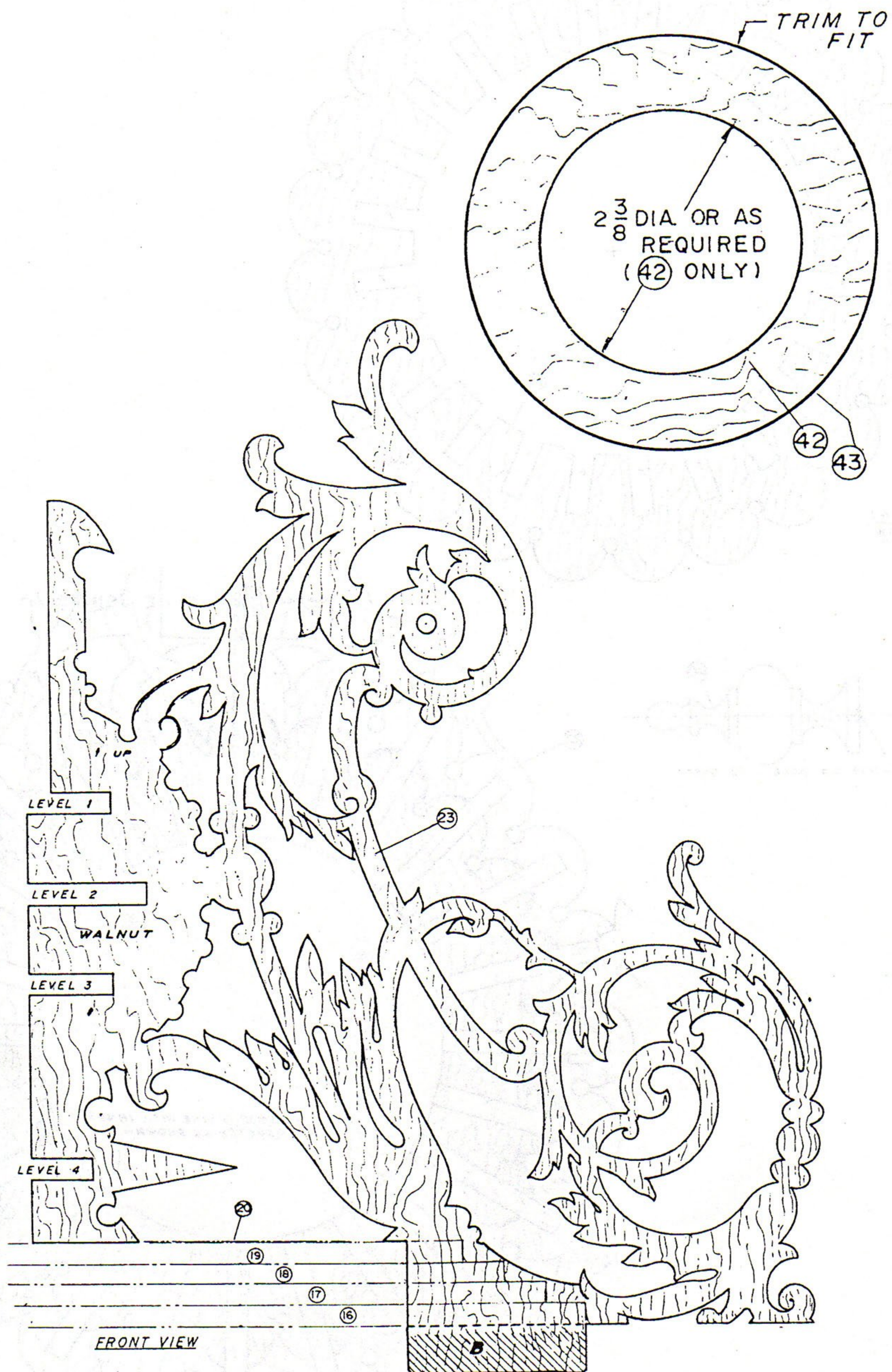


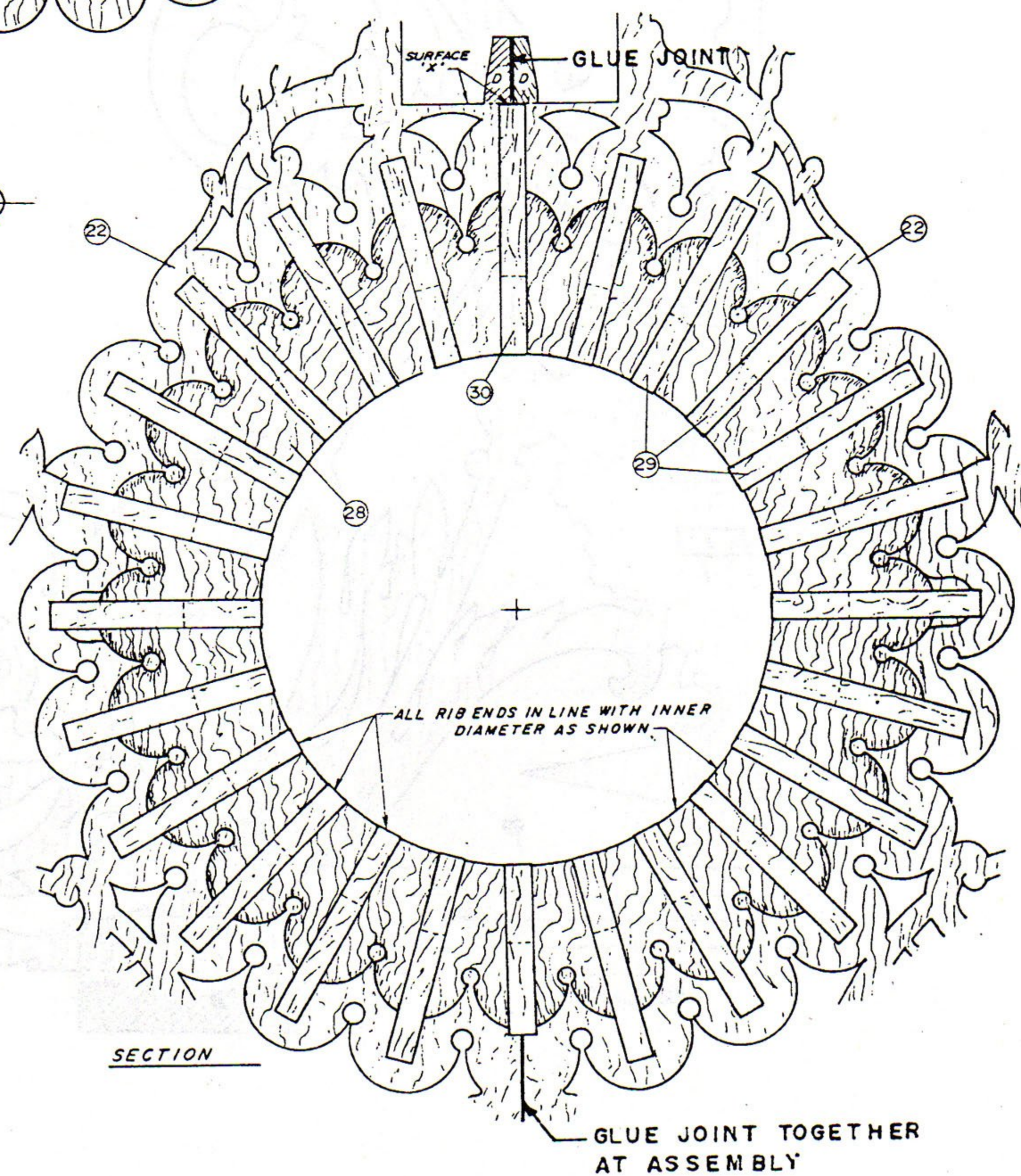
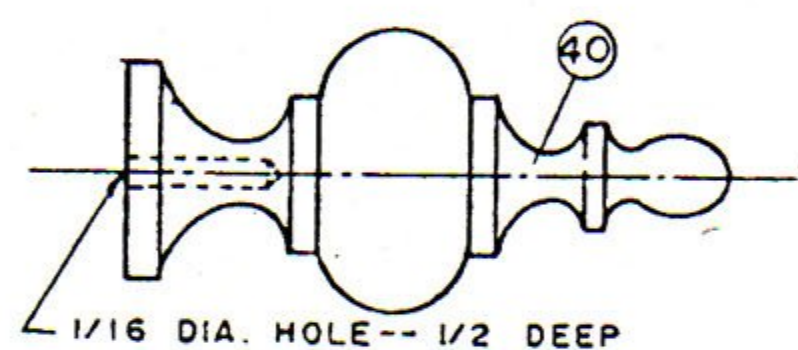
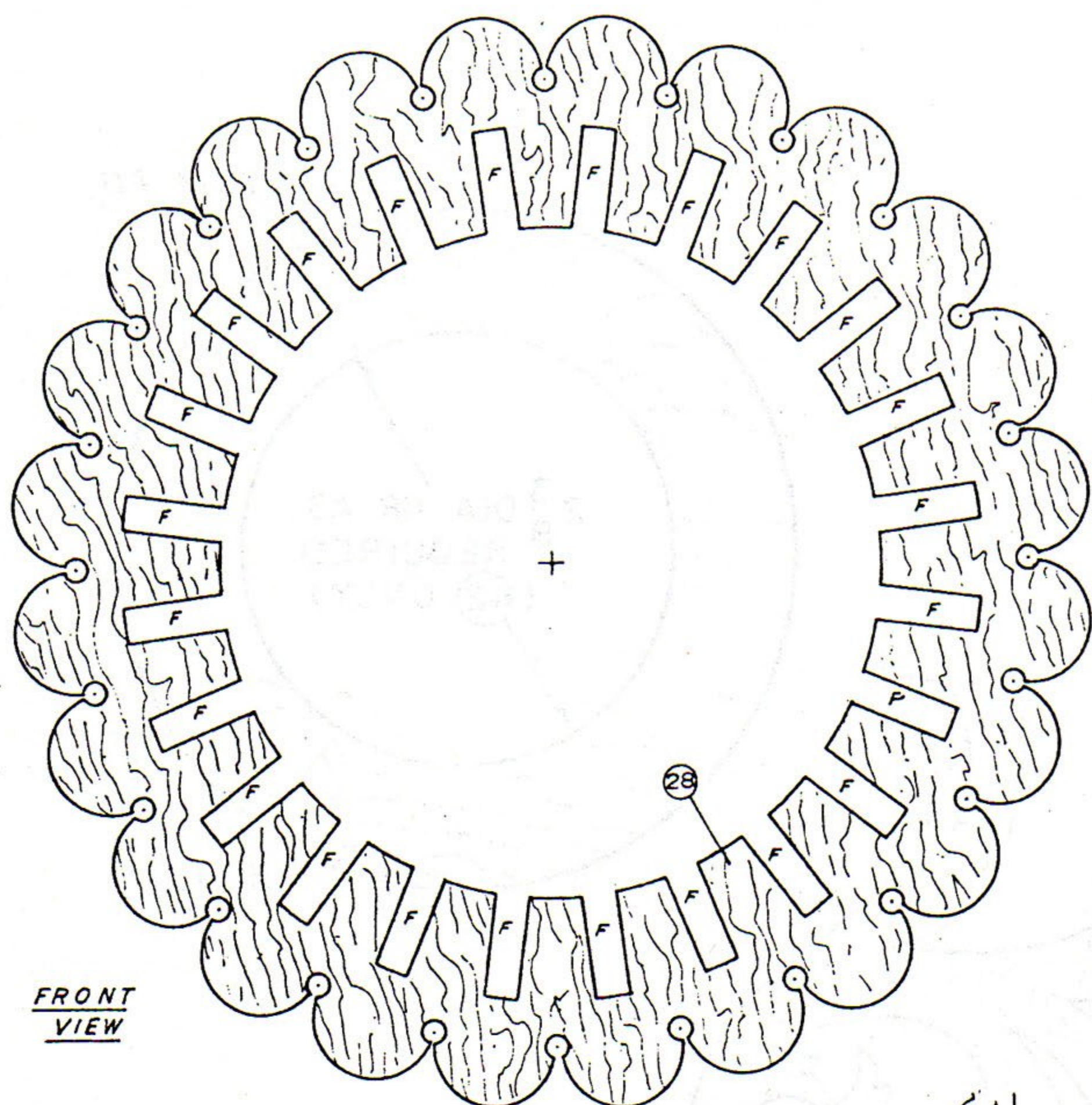
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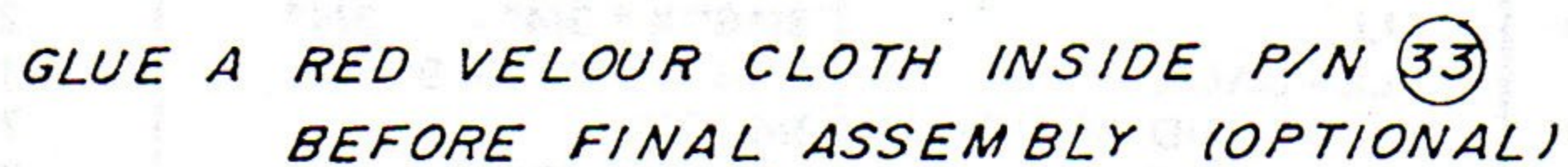




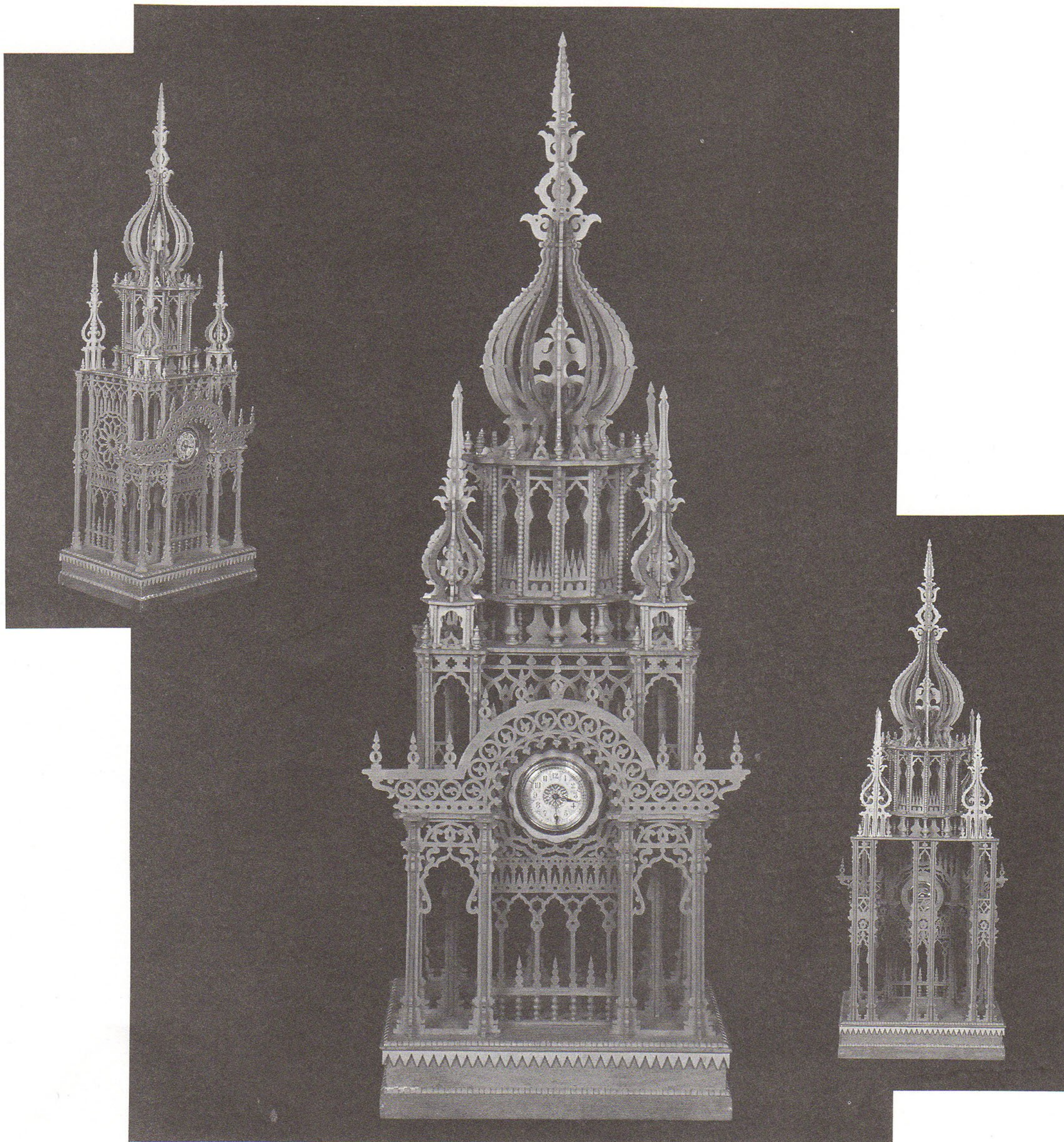
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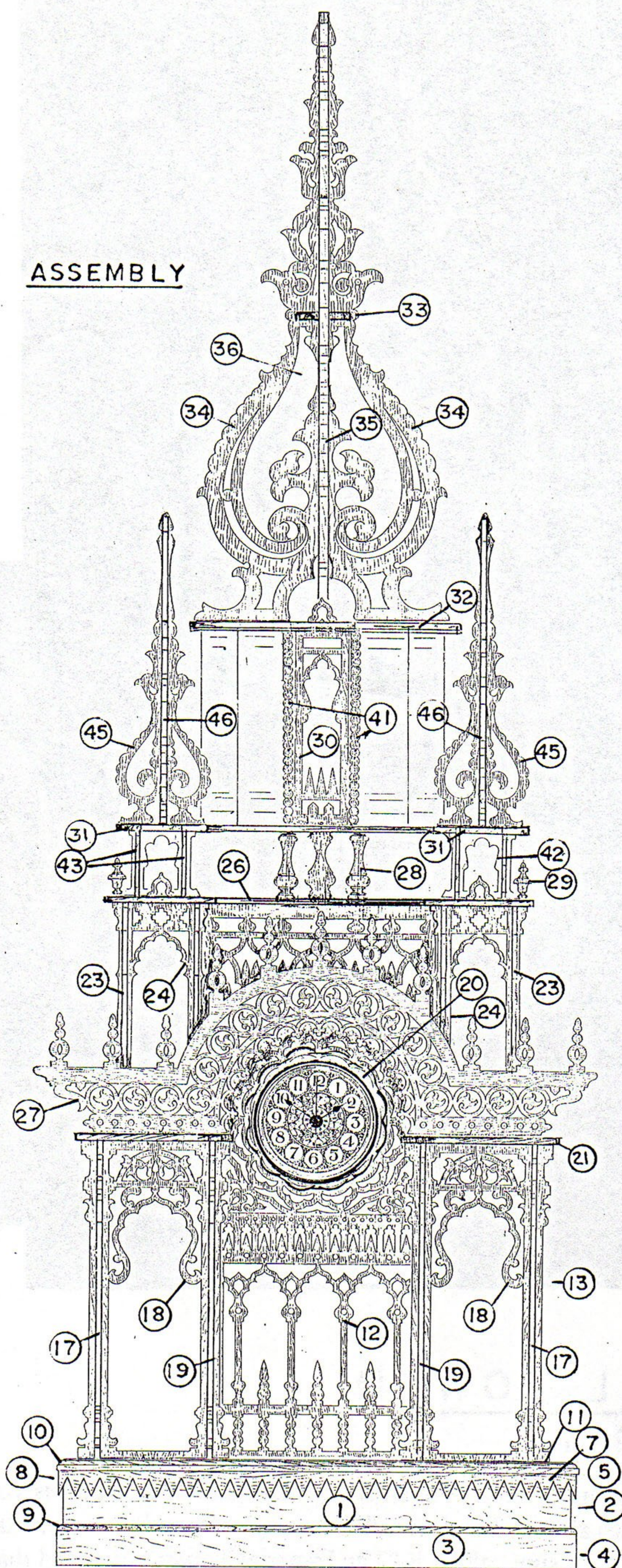
NO.	NAME	SIZE	REQ'D.
1	BASE TOP/BOTTOM	3/16" X 7 3/4" - 18 1/2"	2
2	WALL-FRONT	3/16" X 1 3/4" - 7 1/4"	1
3	WALL	3/16" X 1 3/4" - 1 13/16"	2
4	WALL	3/16" X 1 3/4" - 2 1/2"	2
5	WALL	3/16" X 1 3/4" - 1 7/8"	2
6	WALL	3/16" X 1 3/4" - 2 1/4"	2
7	WALL - END	3/16" X 1 3/4" - 1 1/2"	2
8	WALL	3/16" X 1 3/4" - 2 1/16"	2
9	WALL	3/16" X 1 3/4" - 2 7/16"	2
10	WALL	3/16" X 1 3/4" - 3/4"	2
11	WALL - BACK	3/16" X 1 3/4" - 9 1/8"	1
12	FOOT (WOOD OR BRASS)	3/4" DIA.	7
13	SCREW - FL. HD.	#8 - 7/8" LONG	7
14	FLOOR TRIM (RED VELOUR)	7" X 12 3/4" (CUT TO FIT)	1
15	TRIM (CUT TO FIT)	1/8" X 3/8" - 60"	1
16	STAGE - LEVEL 1	3/16" X 7" - 10 1/4"	1
17	STAGE - LEVEL 2	3/16" X 6 3/8" - 9 1/2"	1
18	STAGE - LEVEL 3	3/16" X 6" - 8 5/8"	1
19	STAGE - LEVEL 4	3/16" X 5 5/8" - 7 7/8"	1
20	STAGE TRIM (RED VELOUR)	3/16" X 5" - 6 1/4"	1
21	SCREW - FL. HD.	#6 - 5/8" LONG	3
22	MAIN SUPPORT (WALNUT)	3/16" X 8 3/4" - 20"	2
23	SUPPORT (WALNUT)	3/16" X 7 1/2" - 10"	2
24	CENTER SECTION	3/16" X 1 3/4" - 7"	8
25	SPACERS - LEVEL 1-3	3/16" X 2 5/8" SQ.	2
26	SPACERS - LEVEL 2	3/16" X 3 1/4" SQ.	1
27	SPACERS - LEVEL 4	3/16" X 3" SQ.	1
28	CENTER SUPPORT	3/16" X 6 1/4" SQ.	2
29	RIB	3/16" X 1 5/8" - 5 3/4"	23
30	RIB - TOP	3/16" X 1 5/8" - 5 3/4"	1
31	SPACER-RIB	3/16" X 2 3/4" SQ.	1
32	TOP/BOTTOM	3/16" X 2 1/2" SQ.	2
33	WALL	1/8" X 3/4" - 4 1/2"	6
34	TRIM	3/16" X 1 3/8" - 5 1/2"	4
35	CENTER - BOTTOM	11/16" DIA. - 1 3/8" LG.	1
36	CENTER - MIDDLE	11/16" DIA. - 1/4" LG.	1
37	CAP	3/16" X 1 1/4" - 2 1/2"	10
38	CAP - SIDE	3/16" X 1 5/8" - 2 1/2"	2
39	TOP	15/16 DIA. - 1/4" LG.	1
40	FINIAL	7/8" DIA. - 2" LG.	1
41	SCREW - RD. HD.	#6 - 3/4" LONG	3
42	END CAP - FRONT	3/4" X 4" SQ.	1
43	END CAP - BACK	3/16" X 4" SQ.	1
44	MOVEMENT (4" DIA.)	E102 - MMR-(STEEBAR CORP.)	1



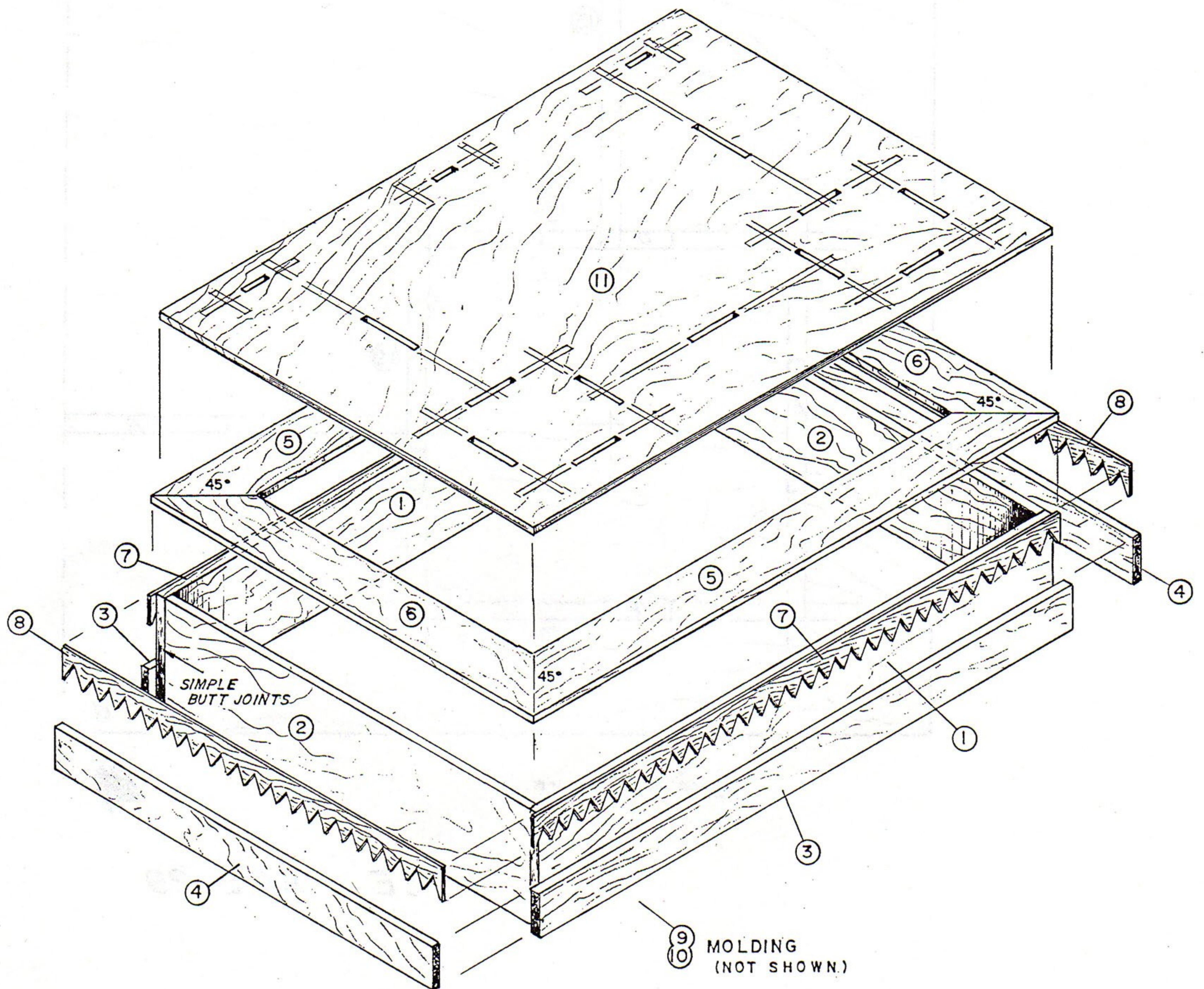
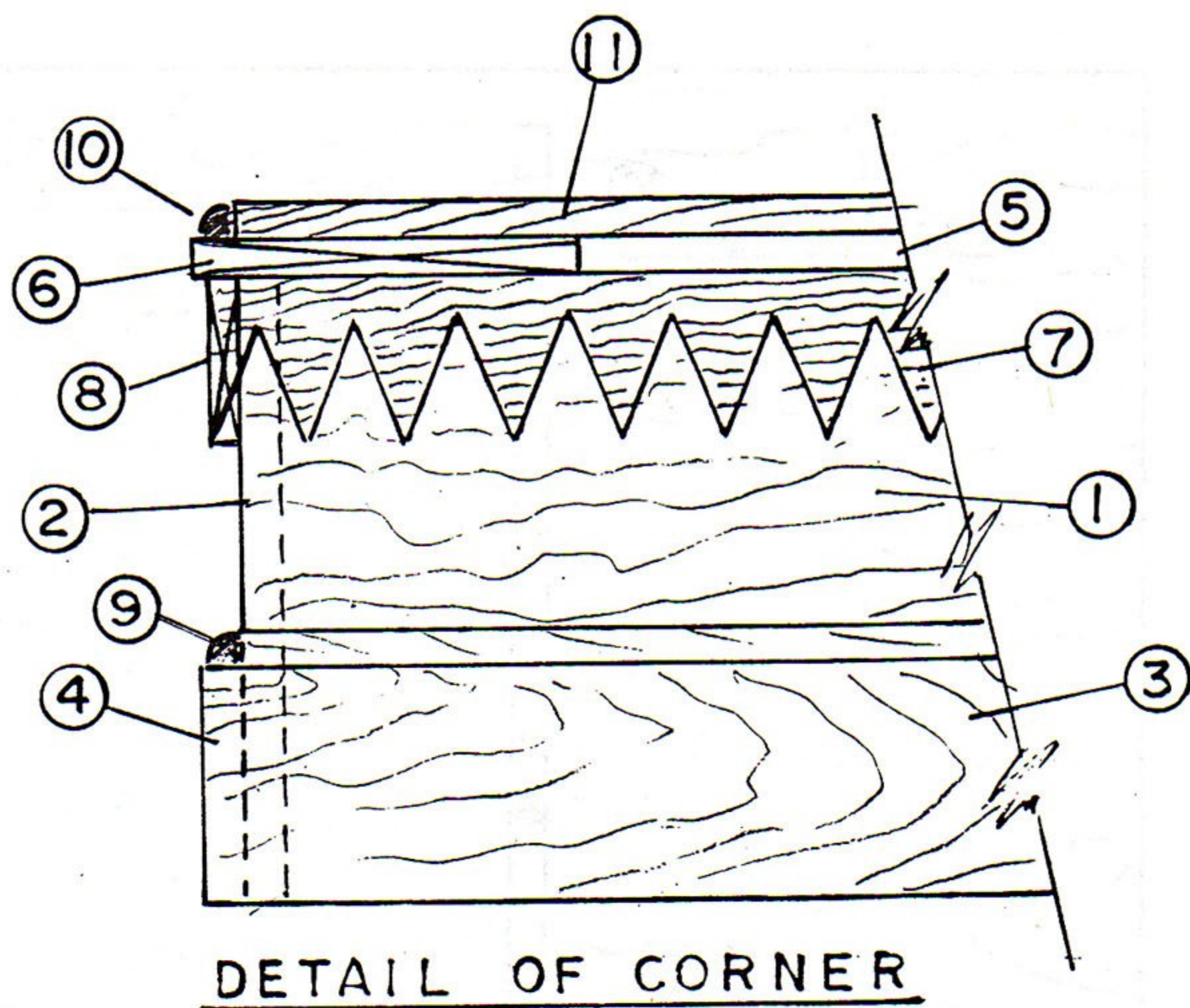
THE IMPERIAL TOWER ENGLAND C. 1901

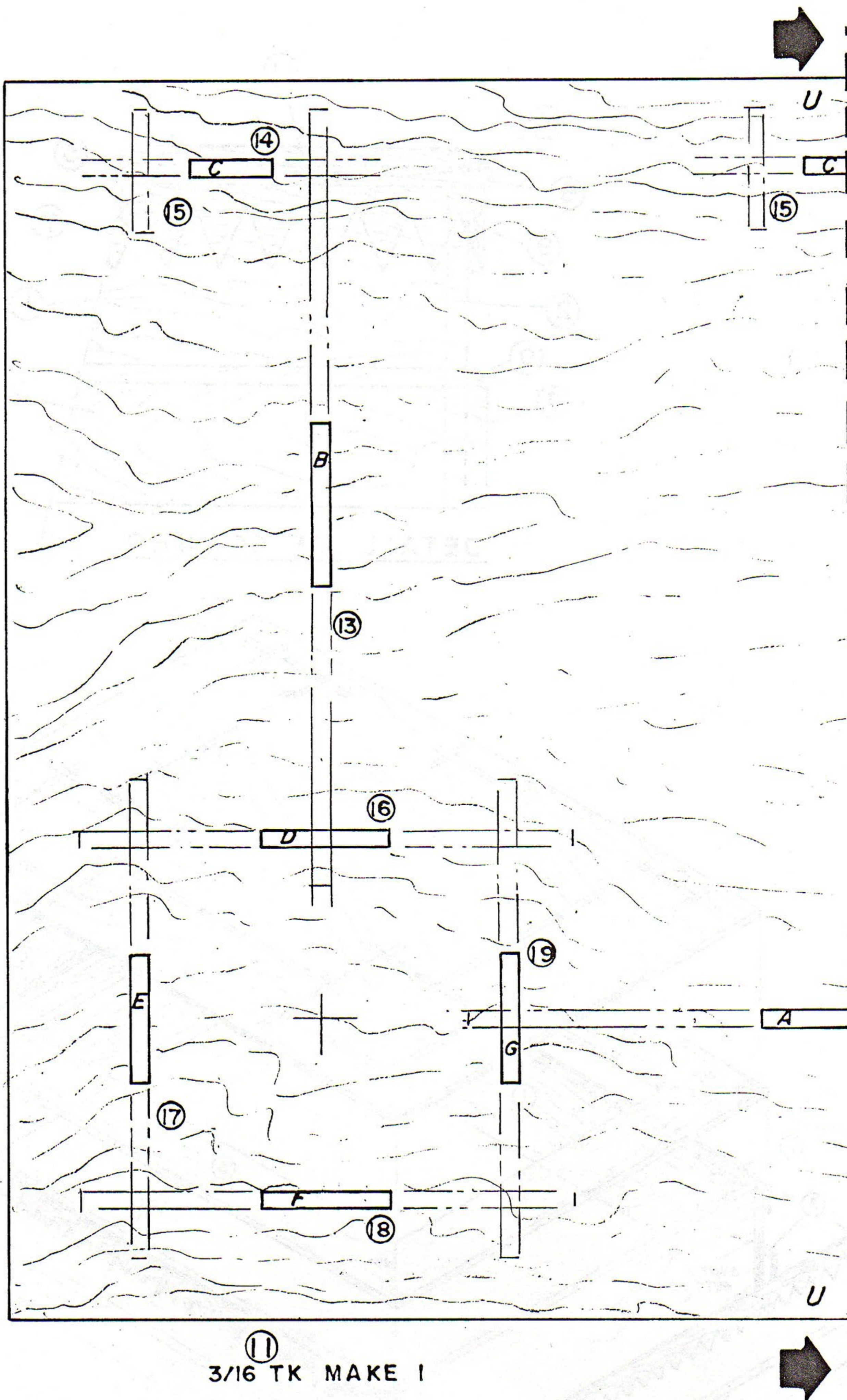
Here is another clock I purchased at an auction in Boston, Massachusetts. It too, is very unusual and beautiful. It measures almost four feet tall. The original was housed in a large glass case. Inside the clock I found a sign calling it "The Imperial Tower". It noted that it was made in 1901 by a sixteen year old. The original was made of maple.

ASSEMBLY

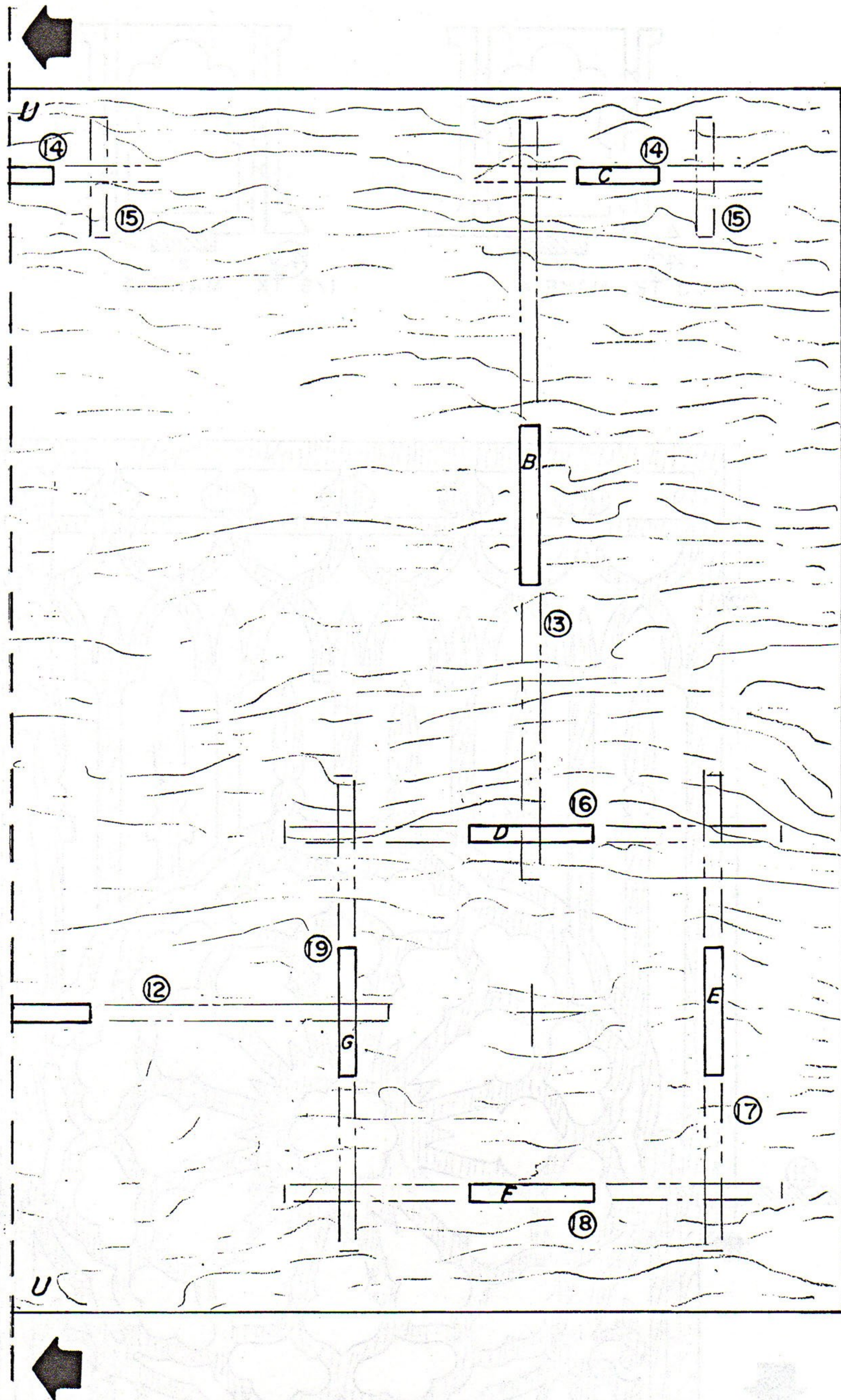


ENLARGE ALL
DRAWINGS 155 %

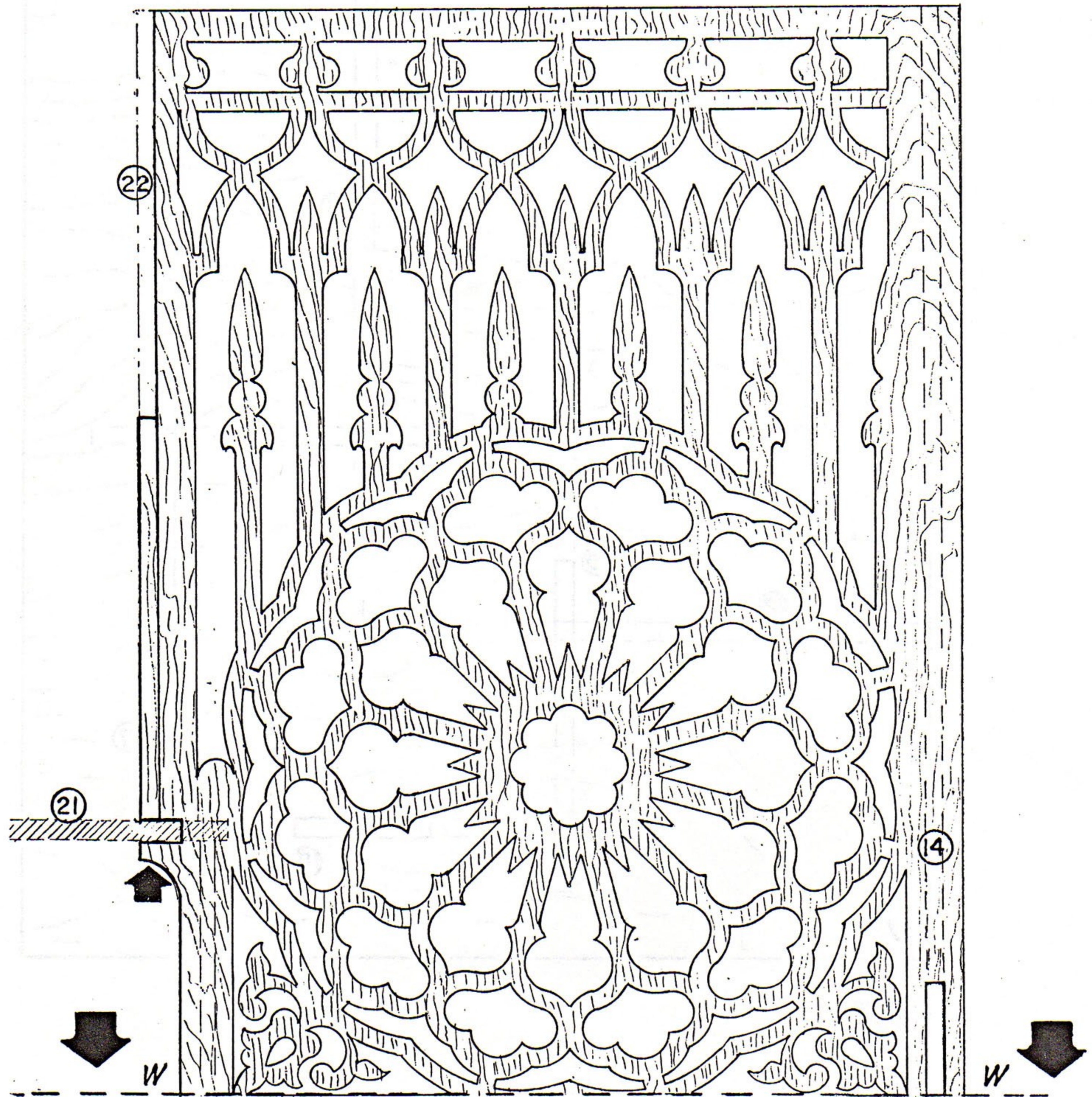
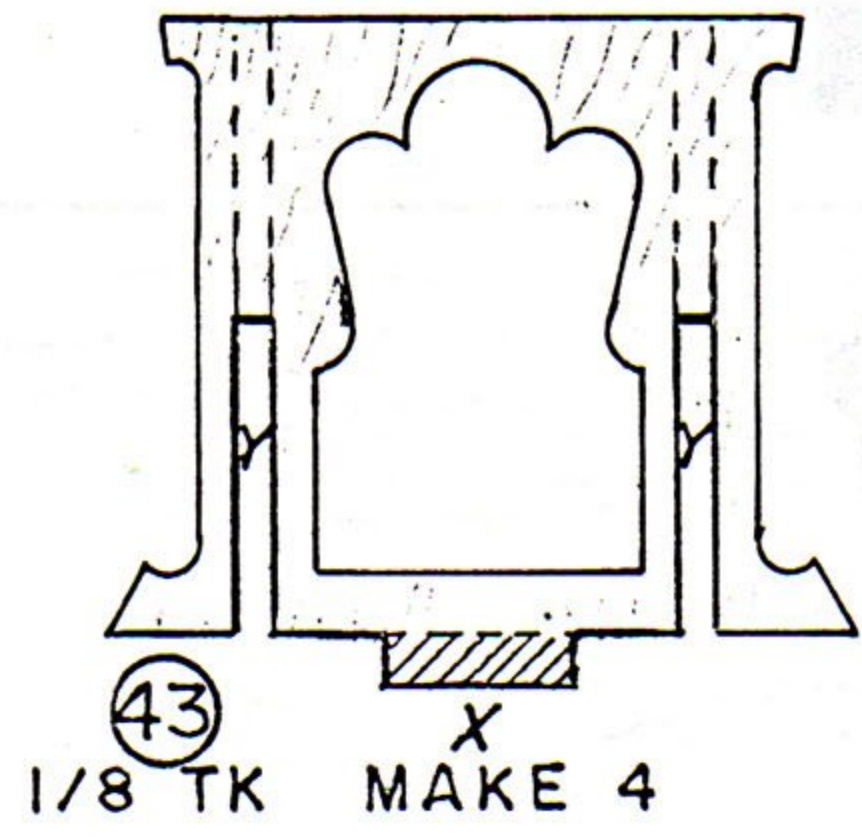
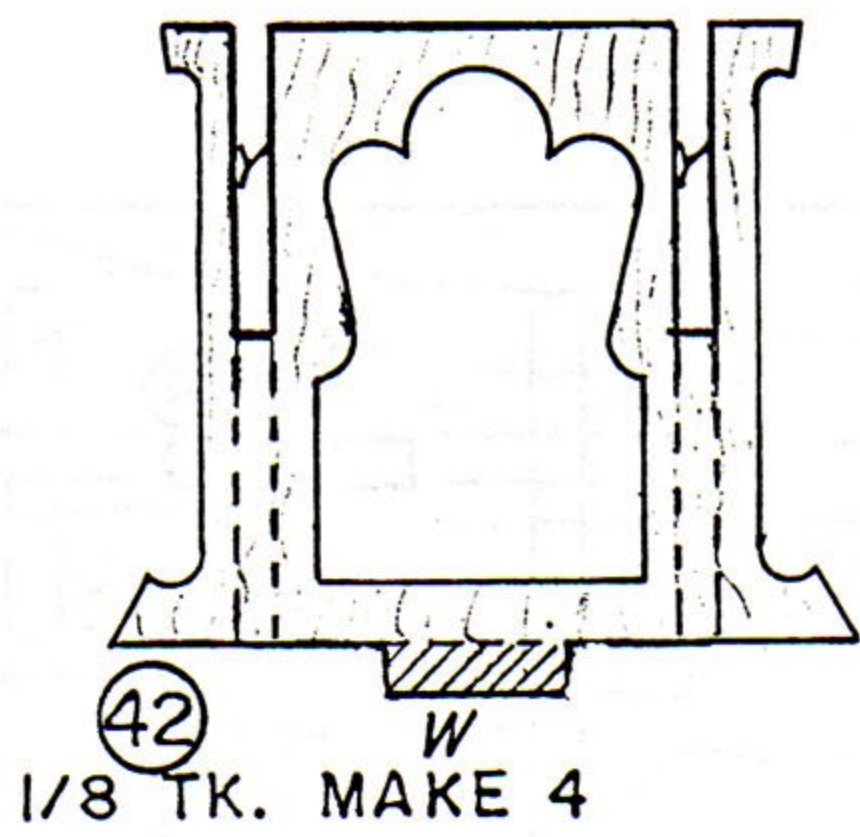




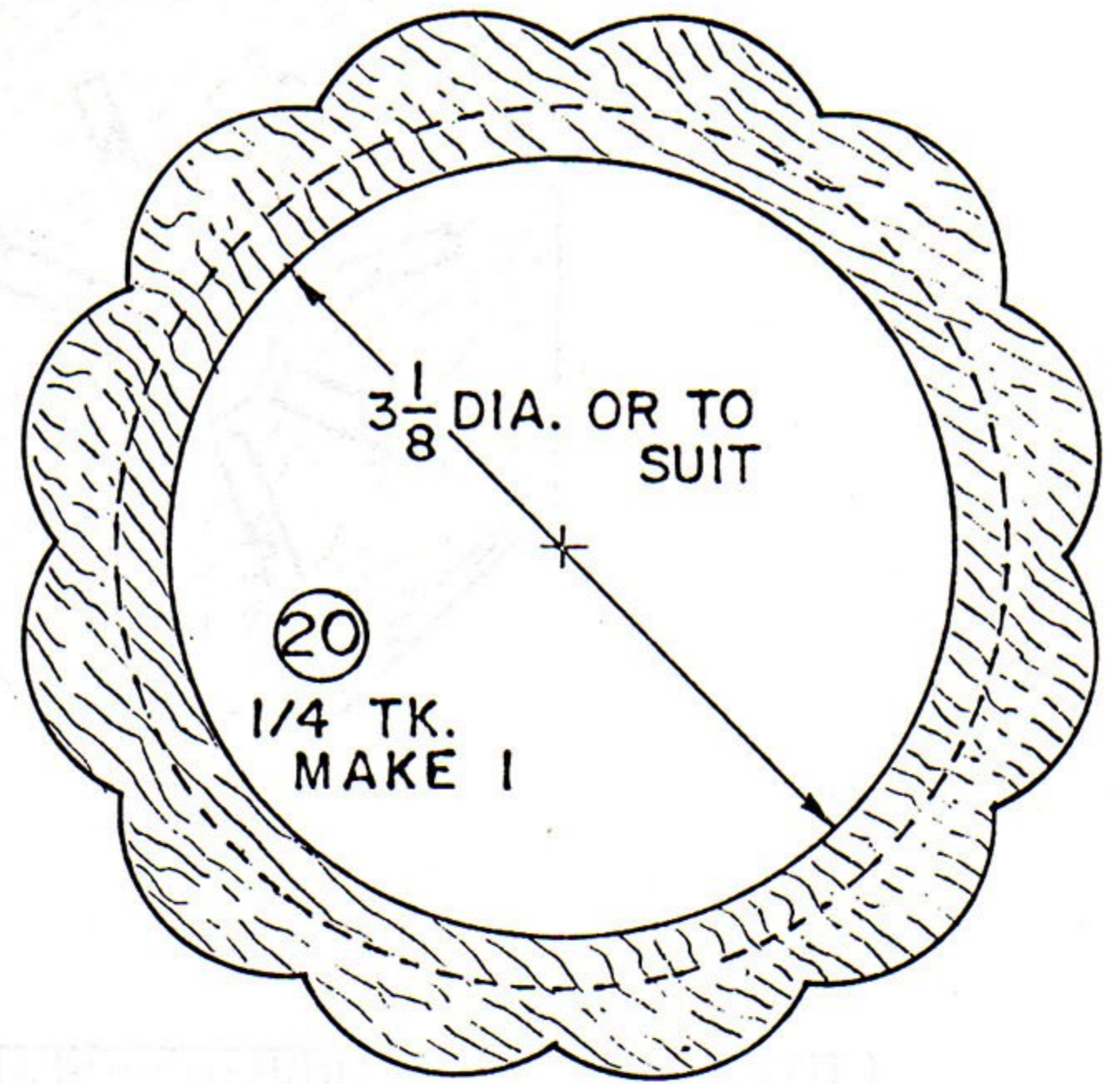
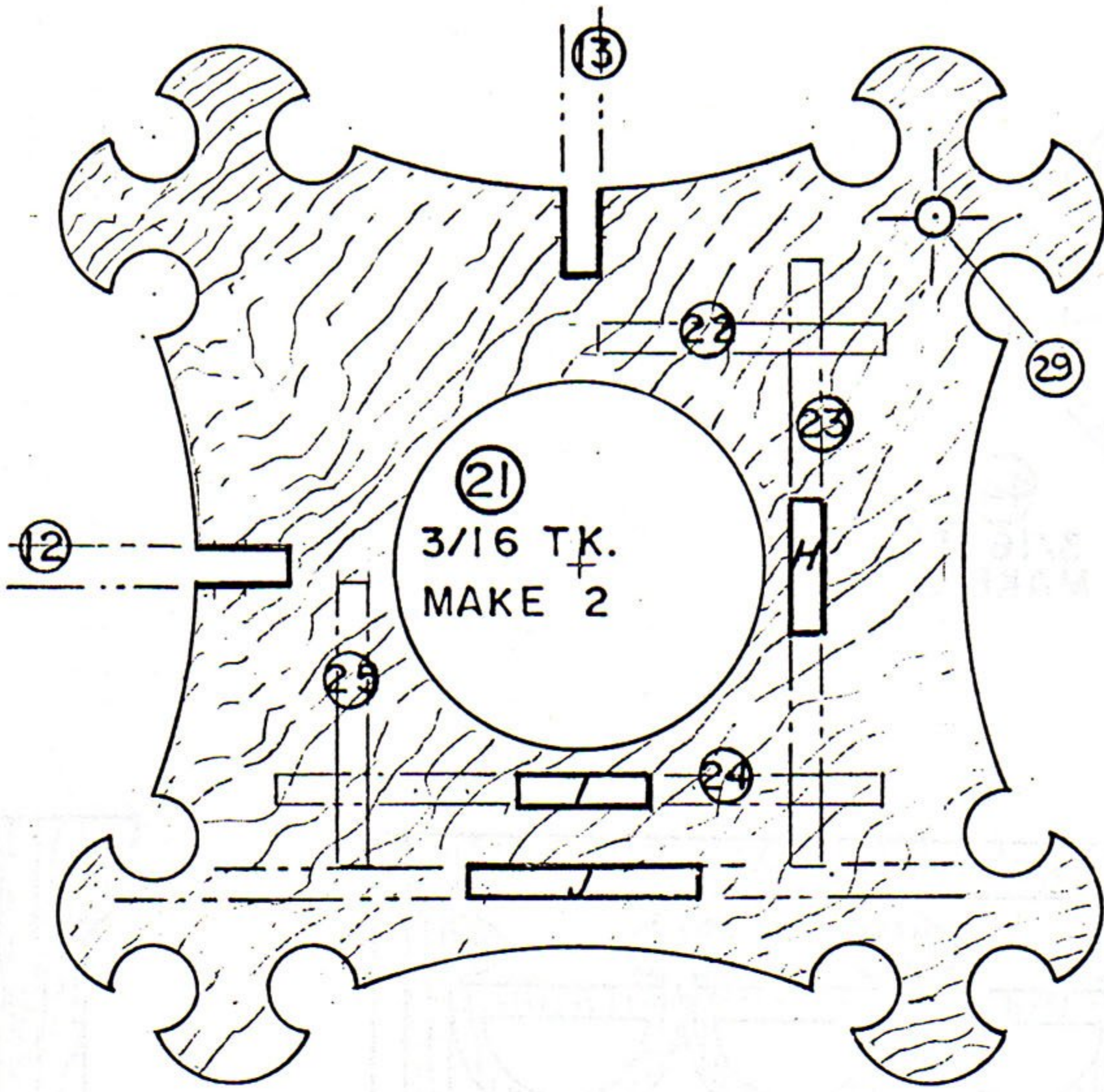
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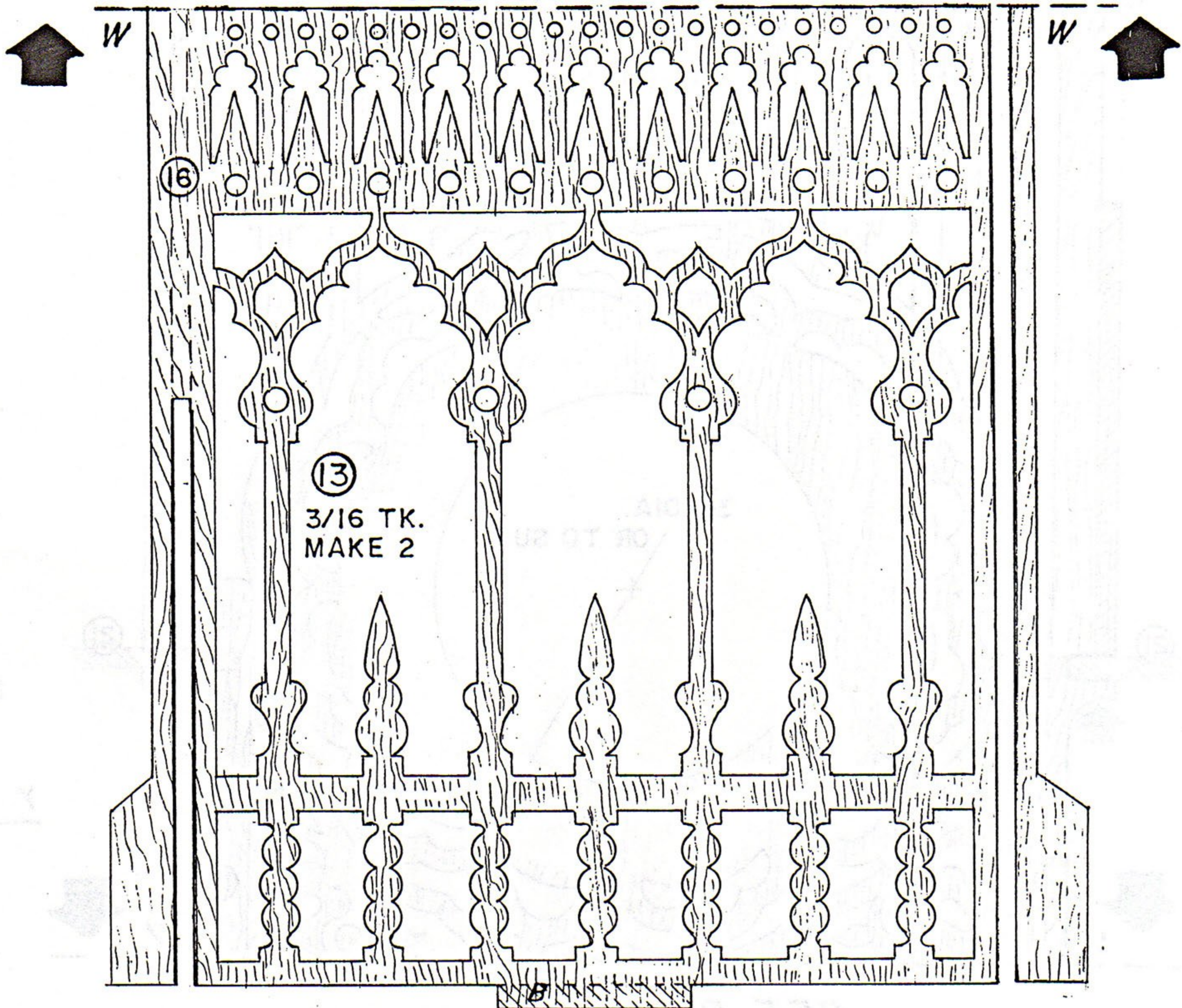
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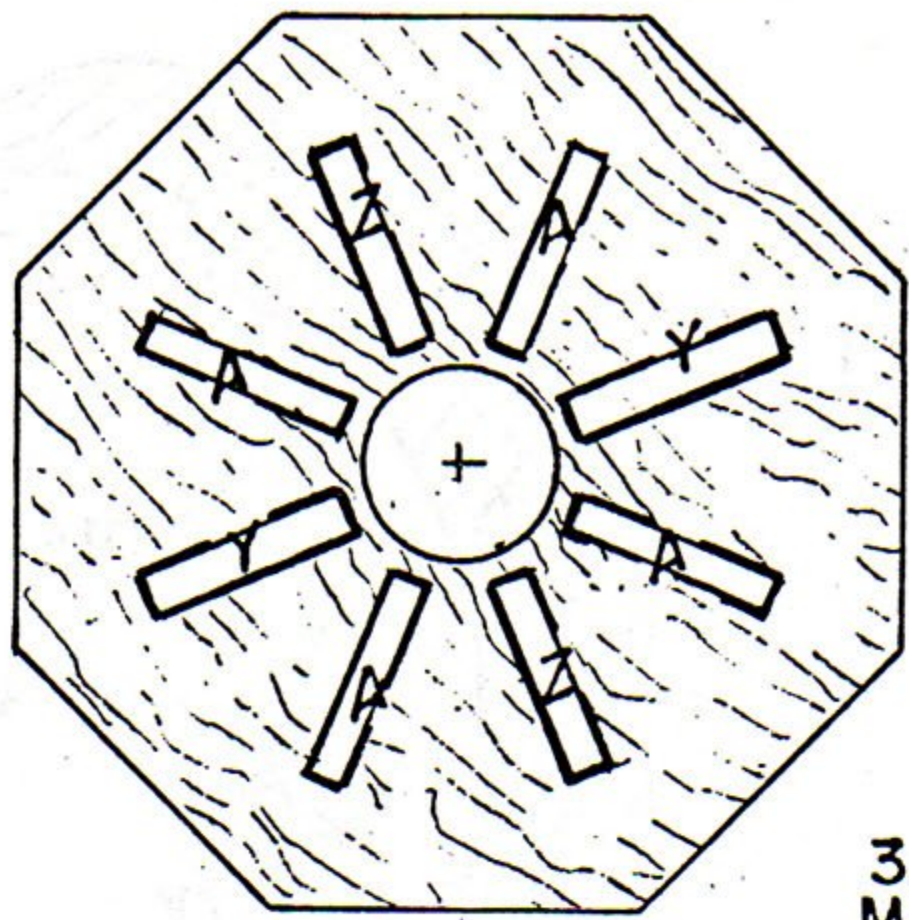


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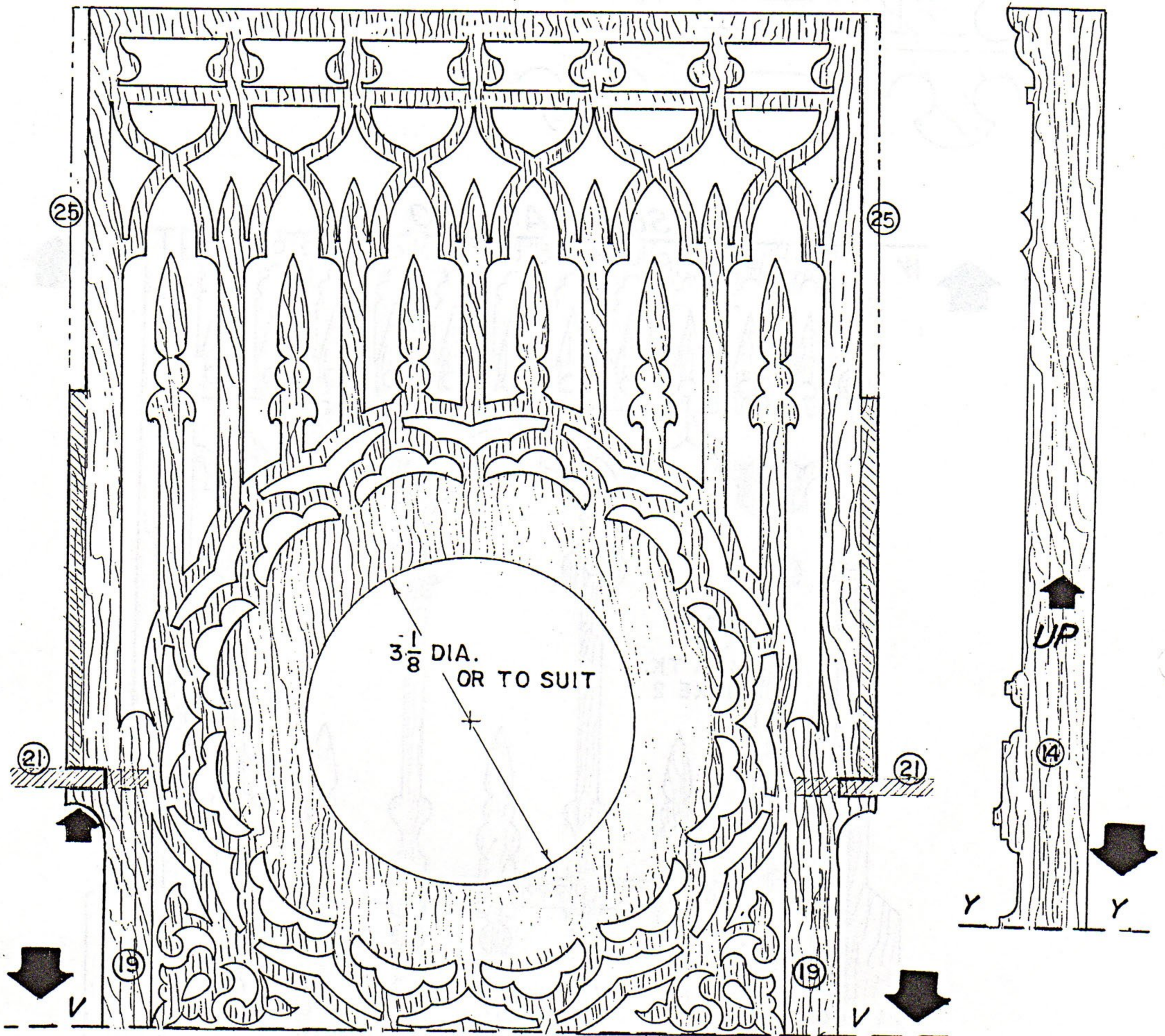


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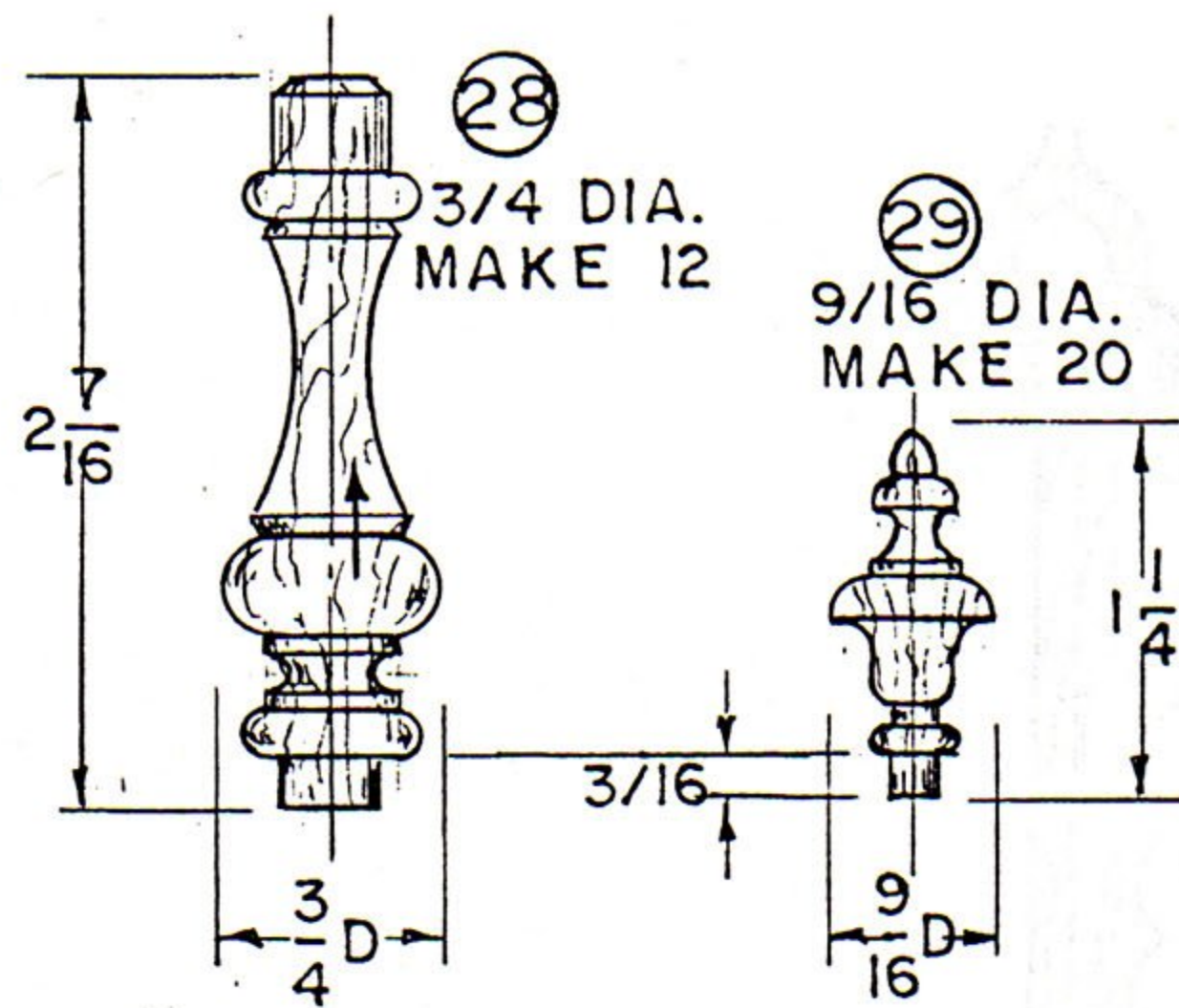




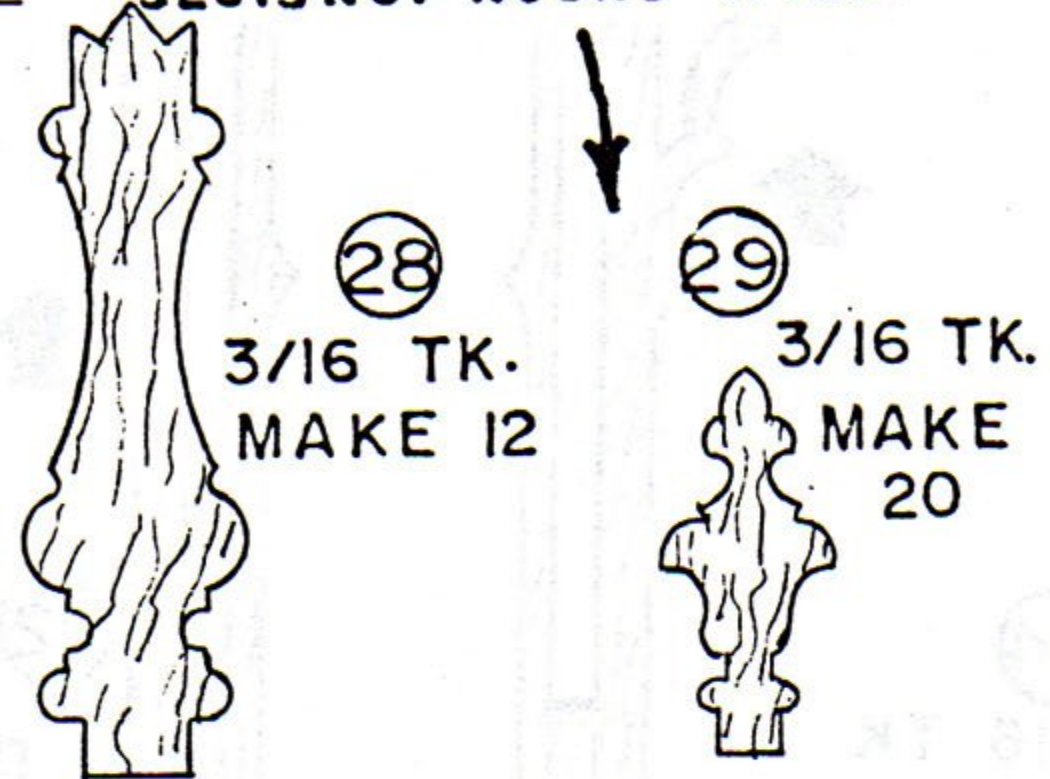
44
3/16 TK.
MAKE 2



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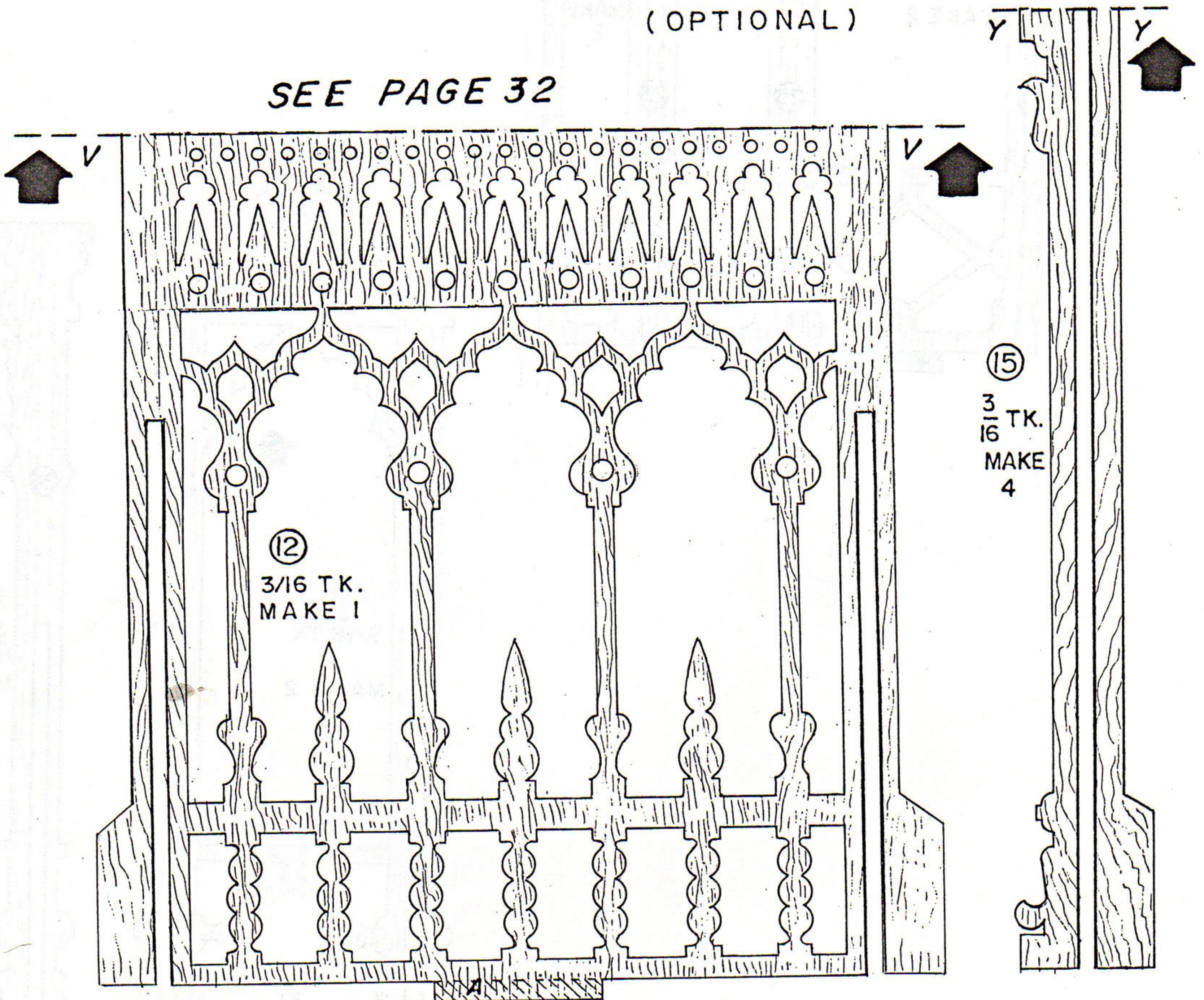


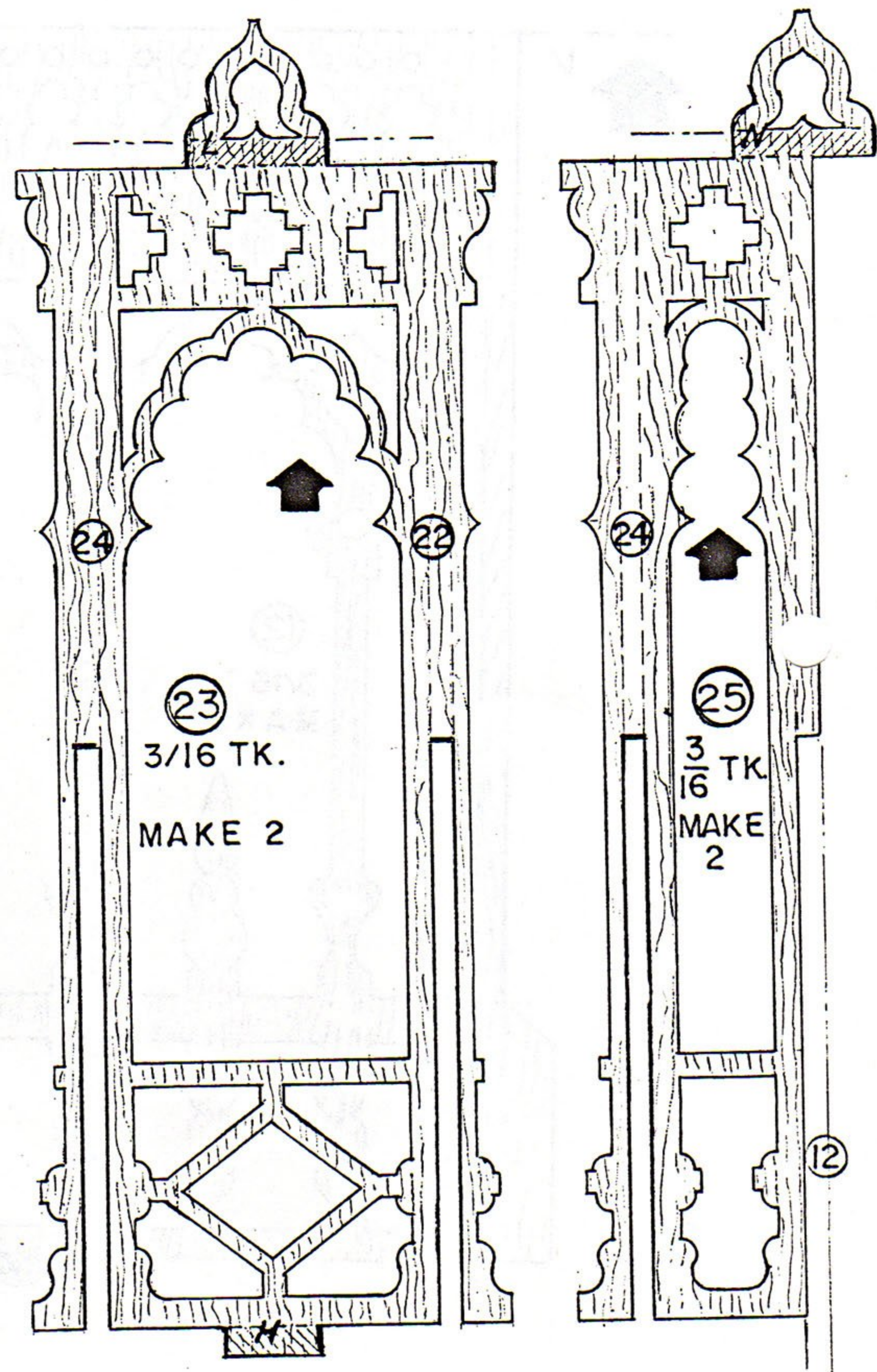
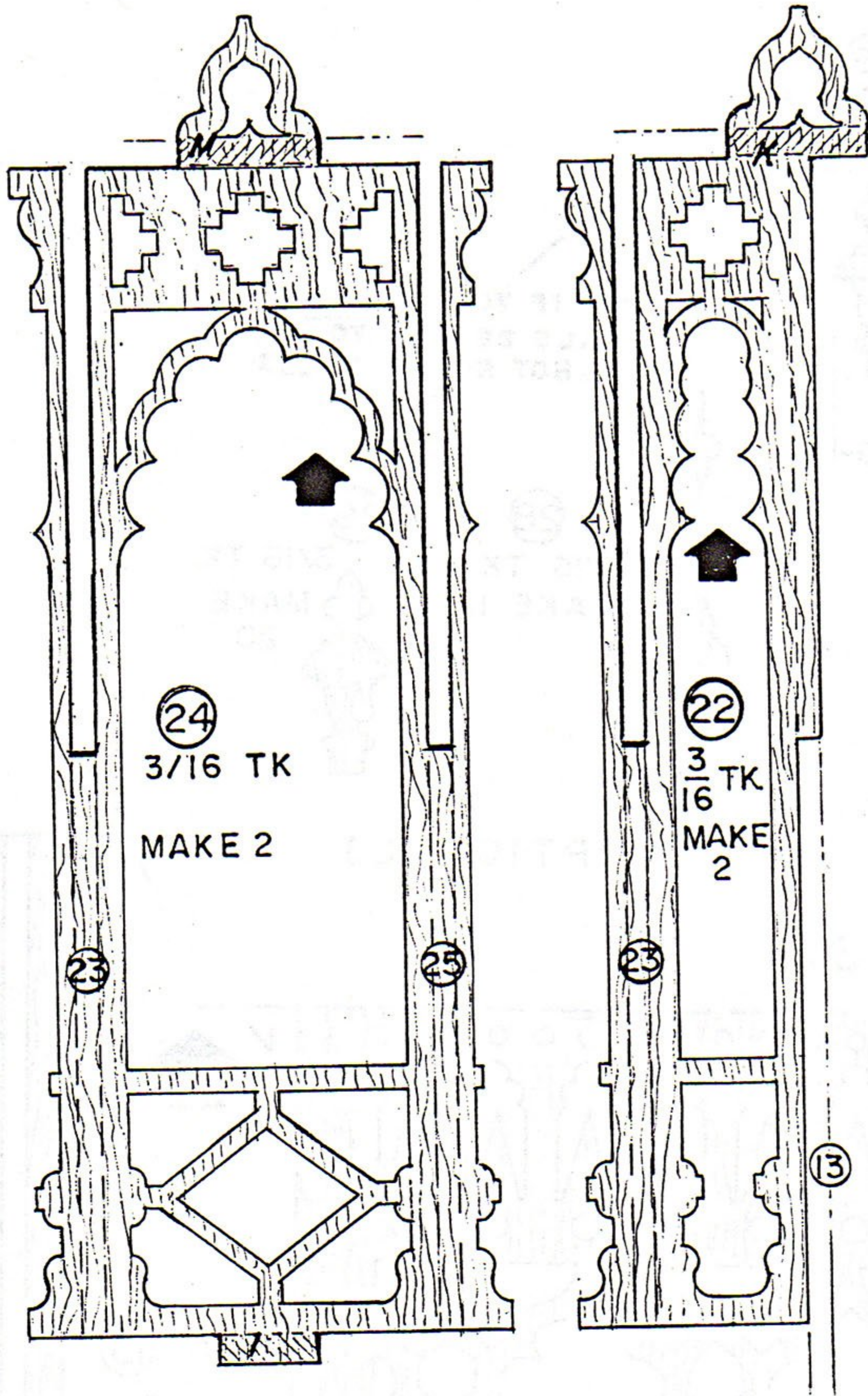
NOTE: IF YOU USE FLAT FINIALS BE SURE TO USE SLOTS NOT ROUND HOLES

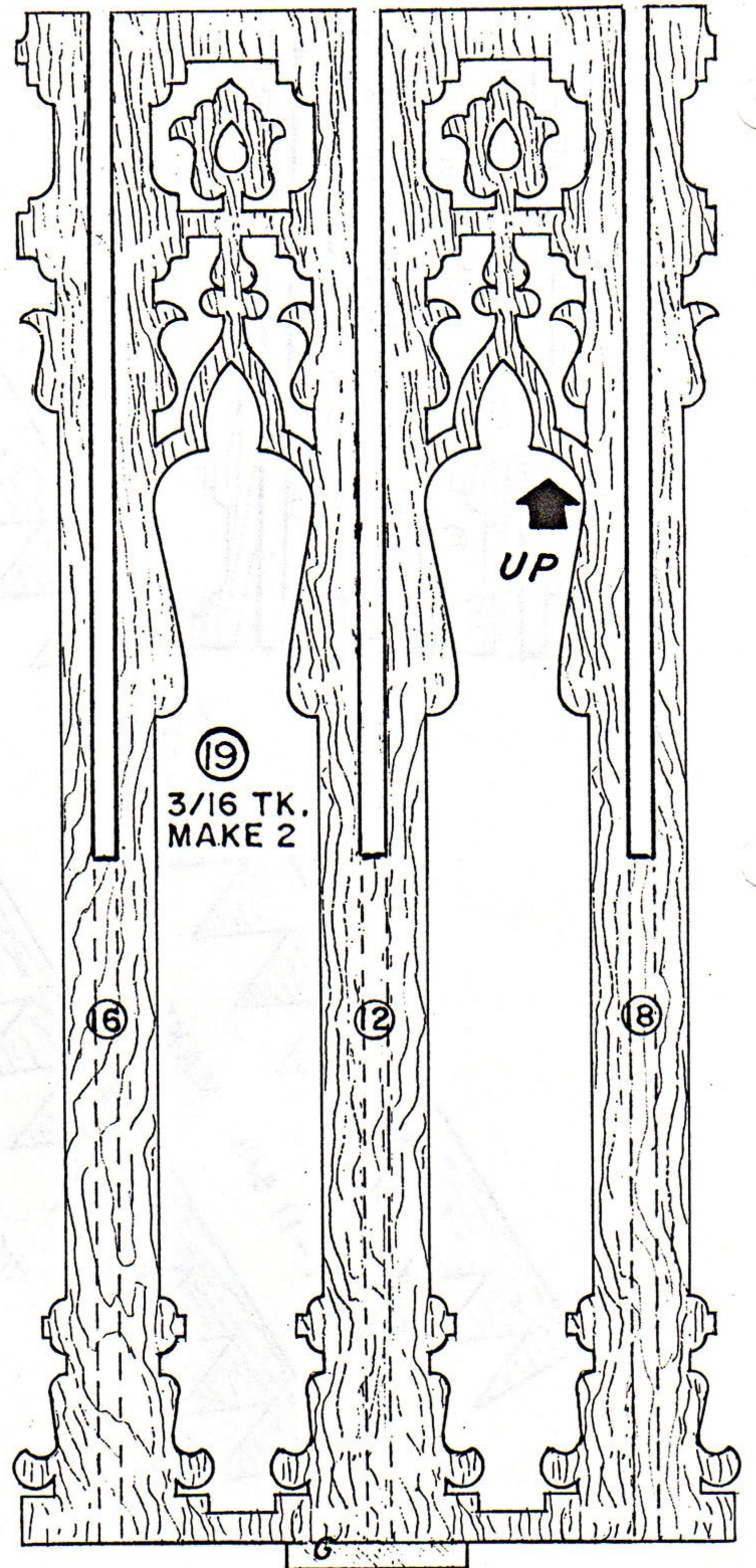
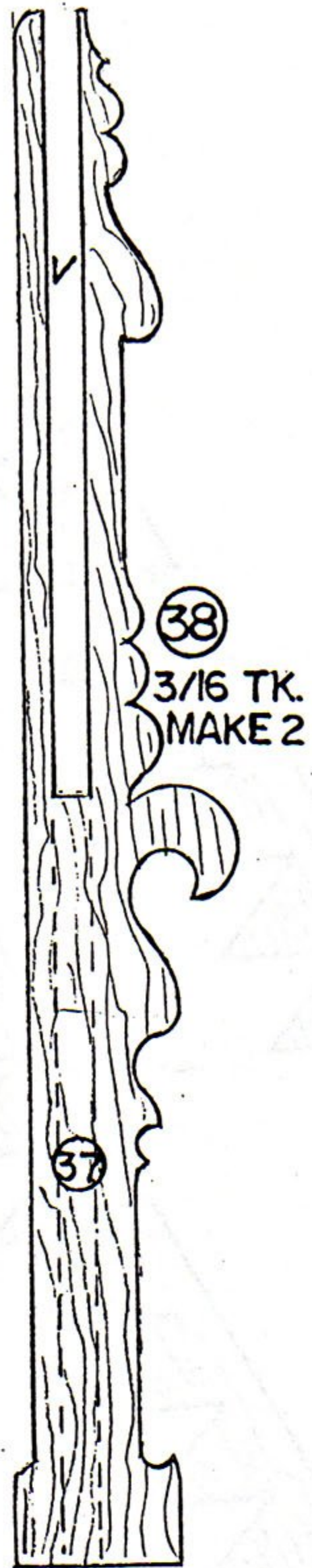
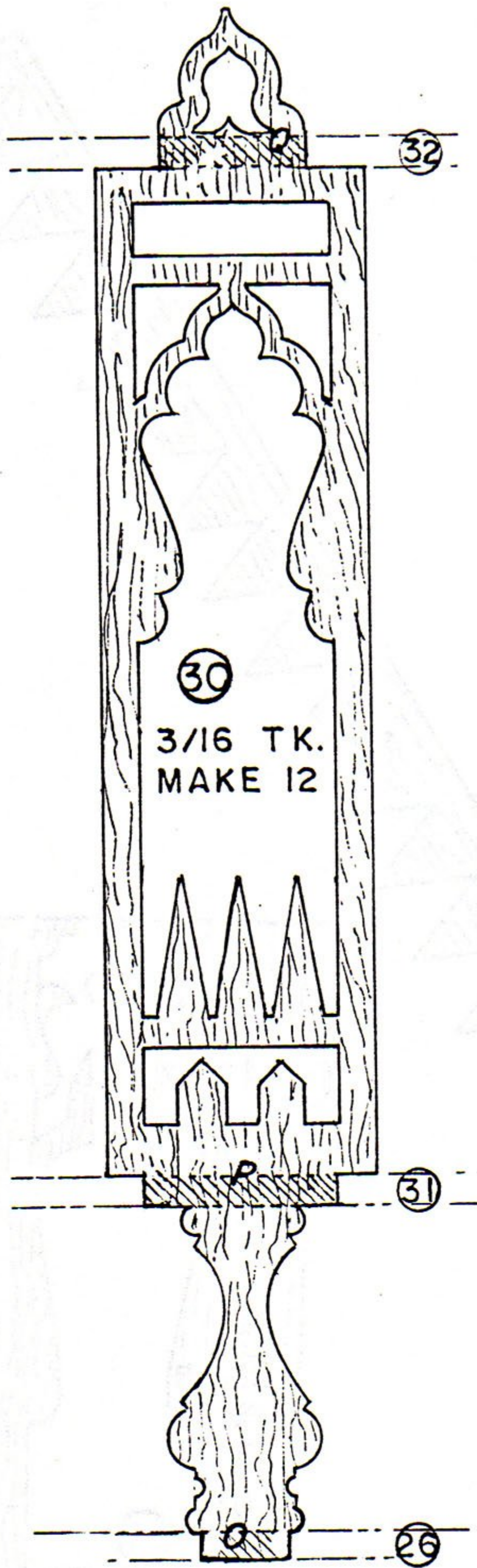


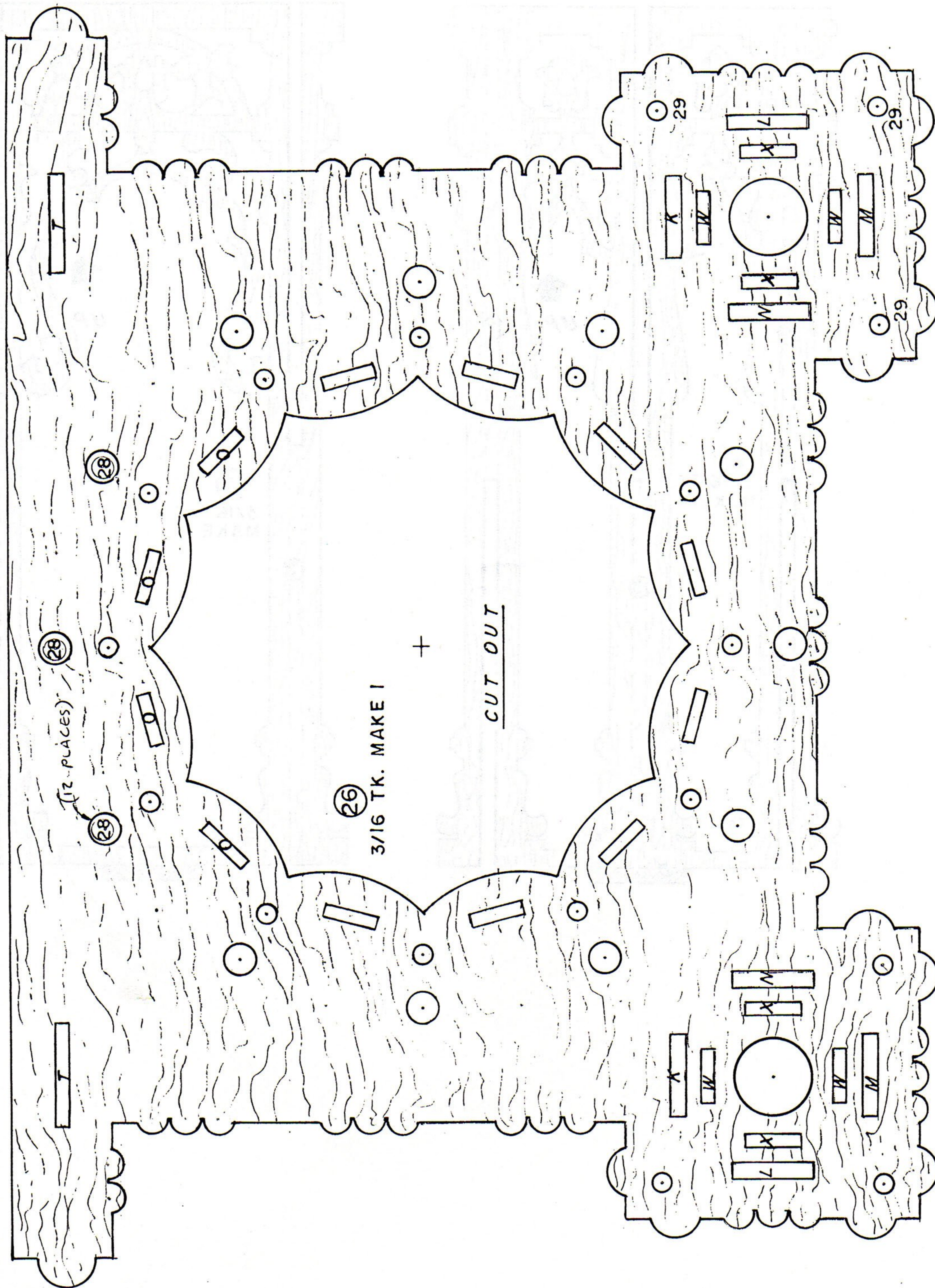
(OPTIONAL)

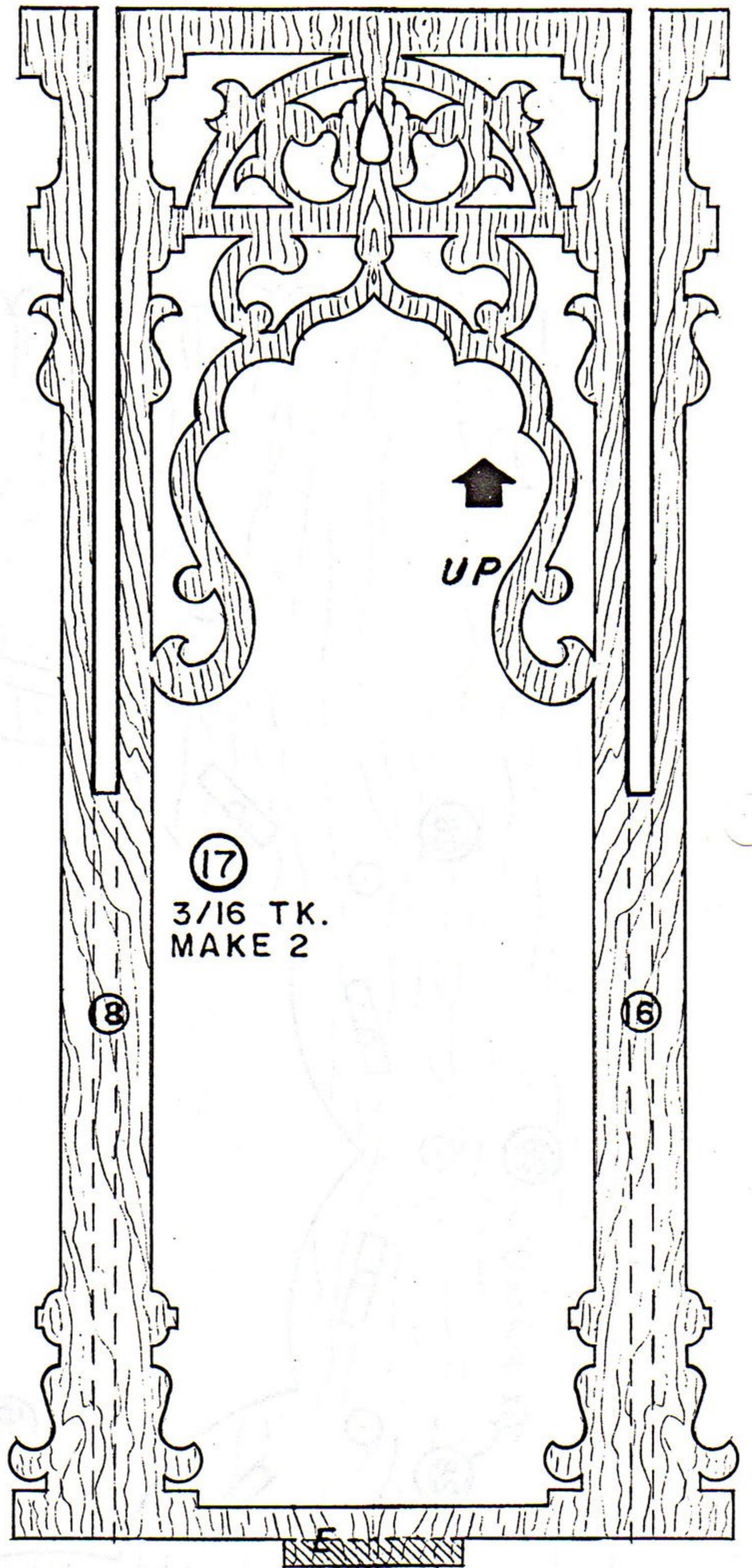
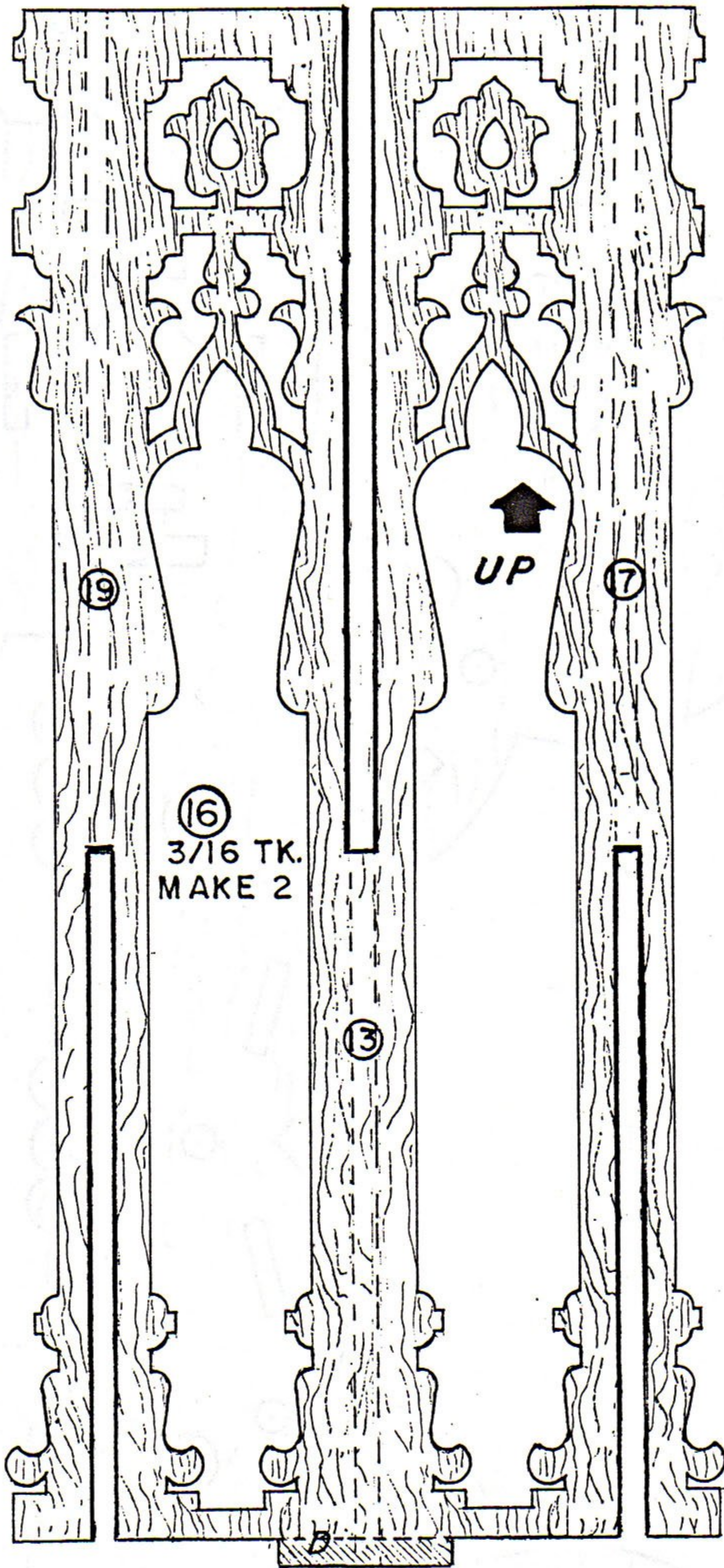
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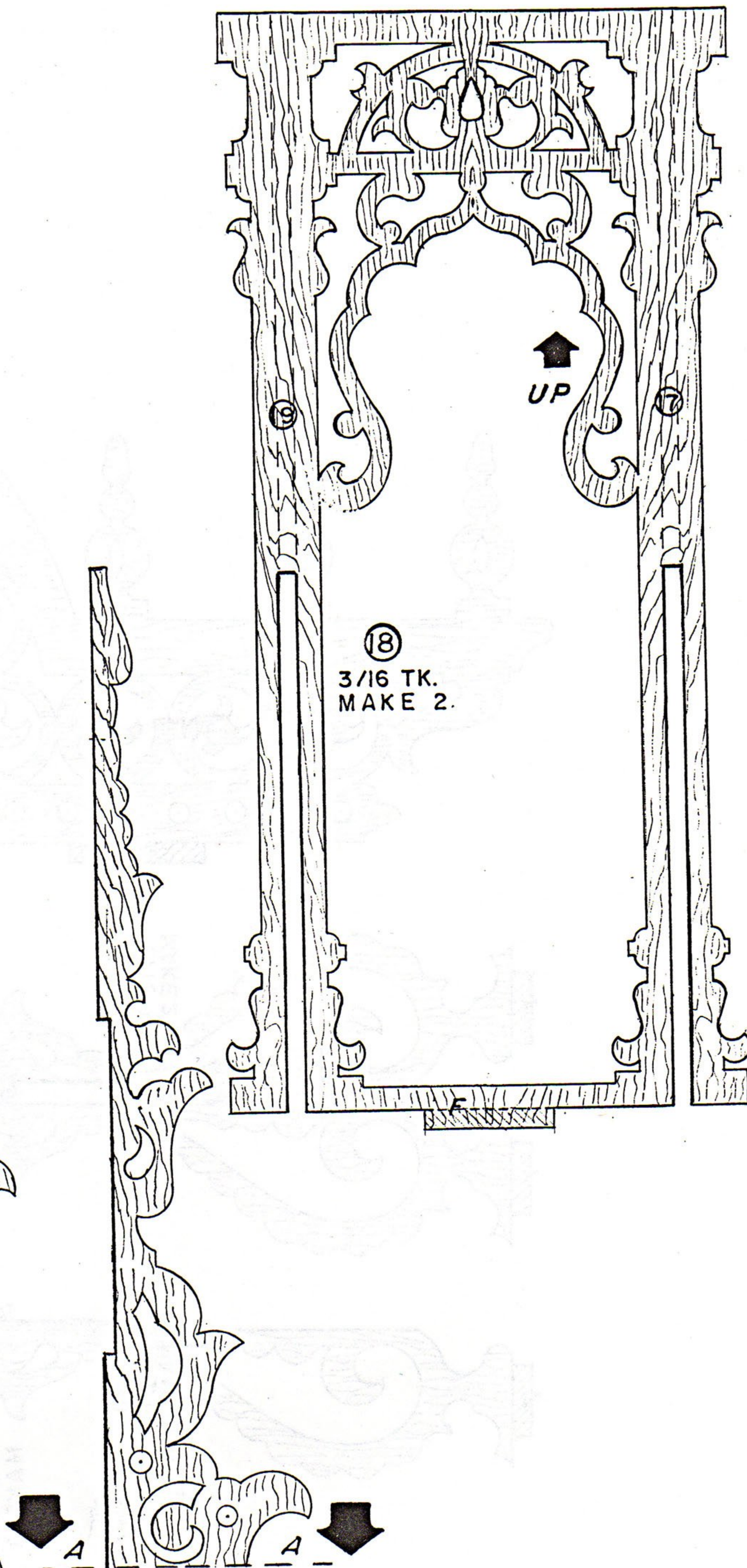
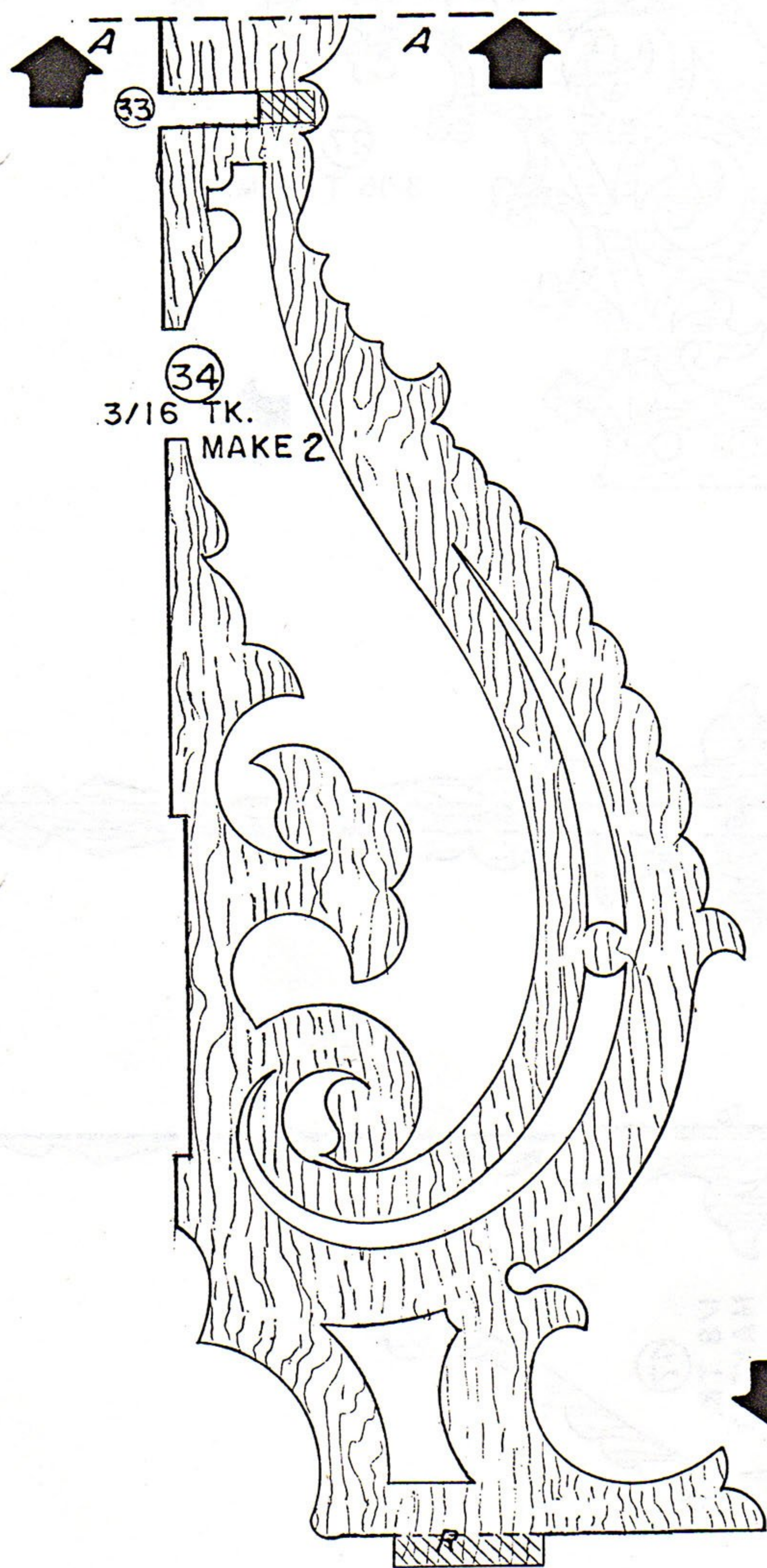


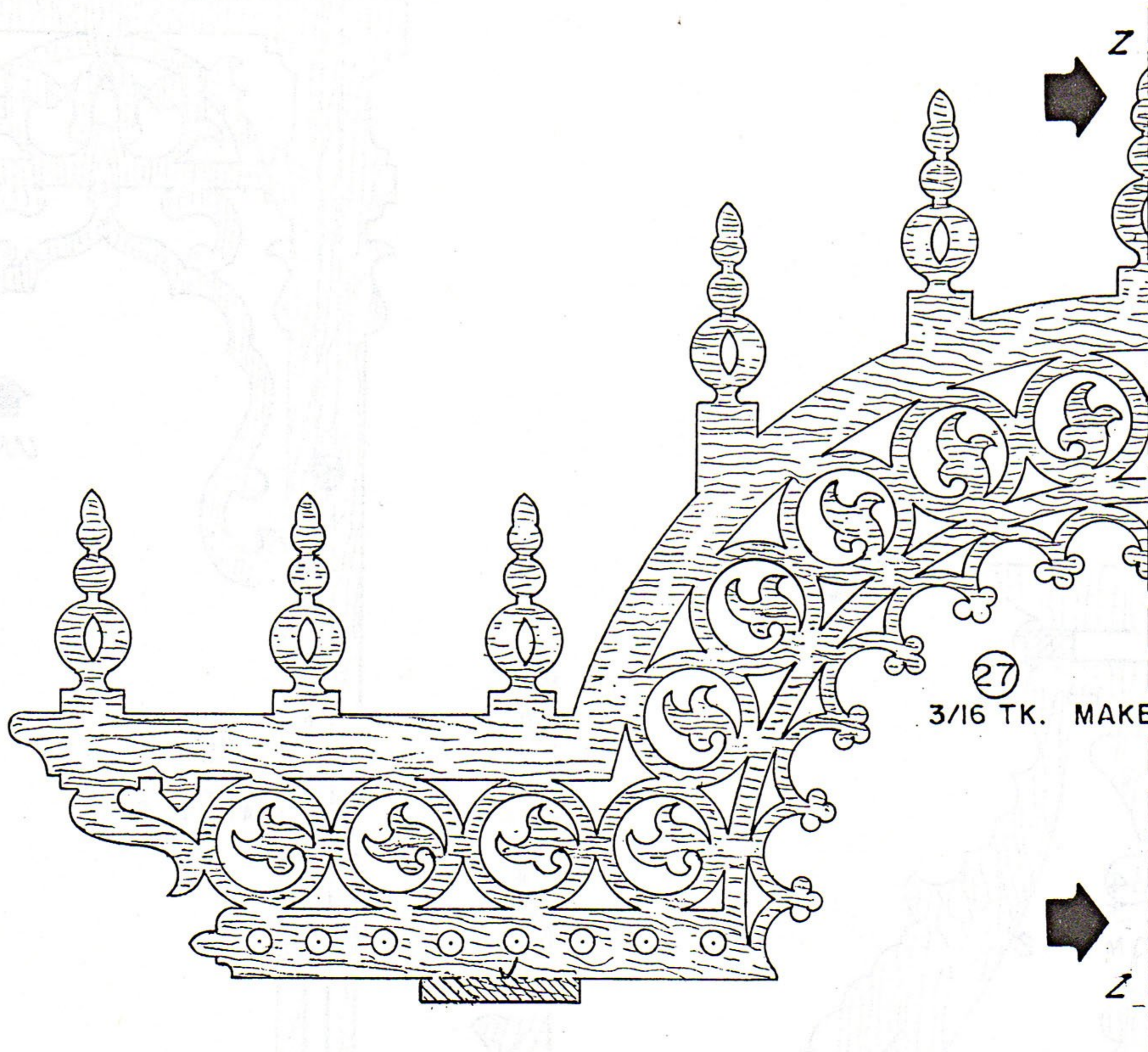




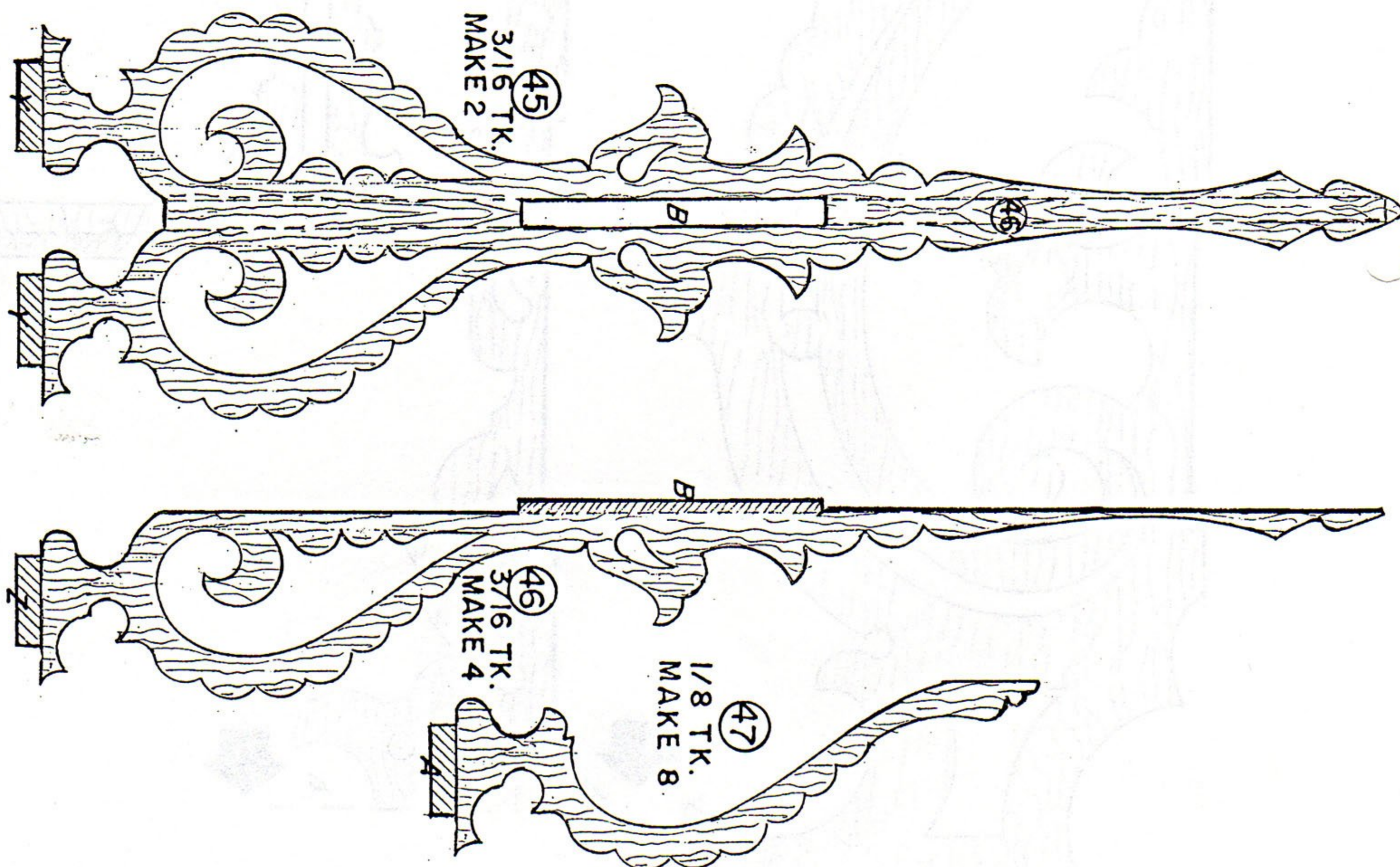


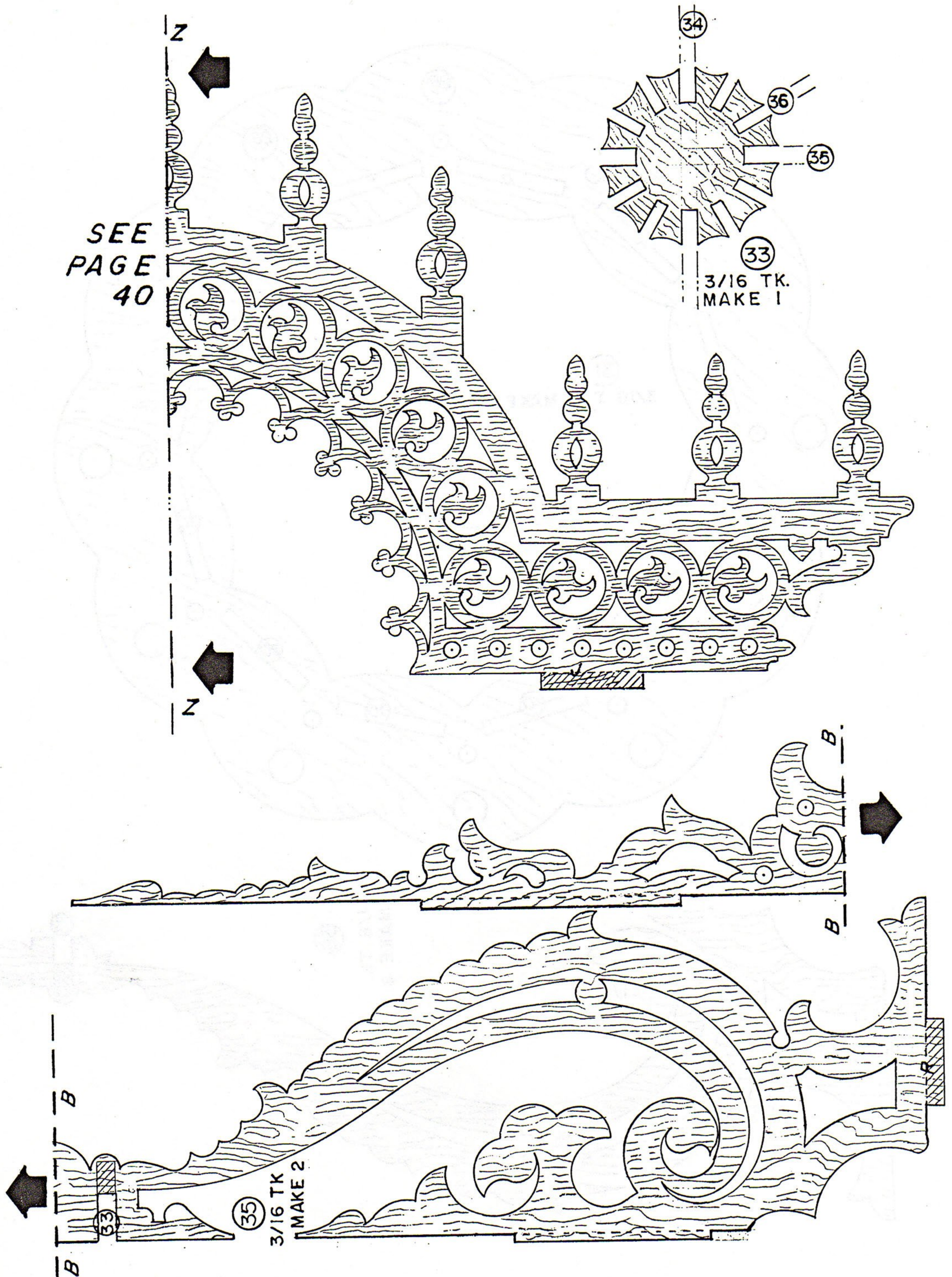


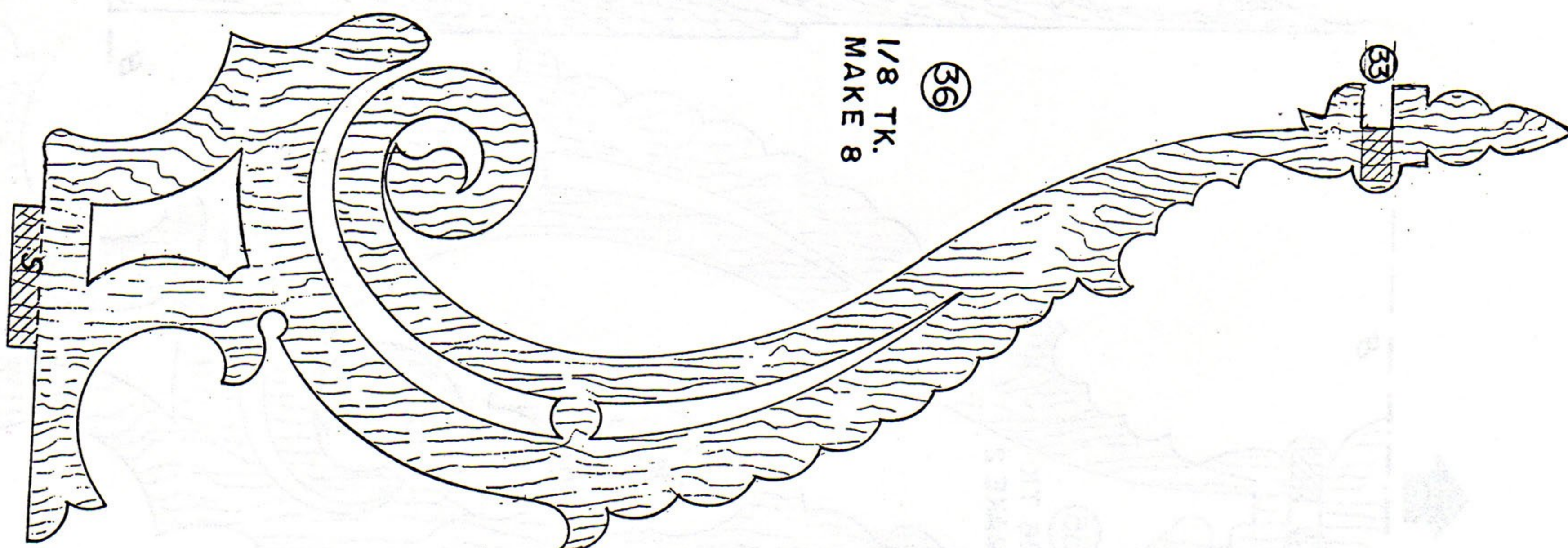
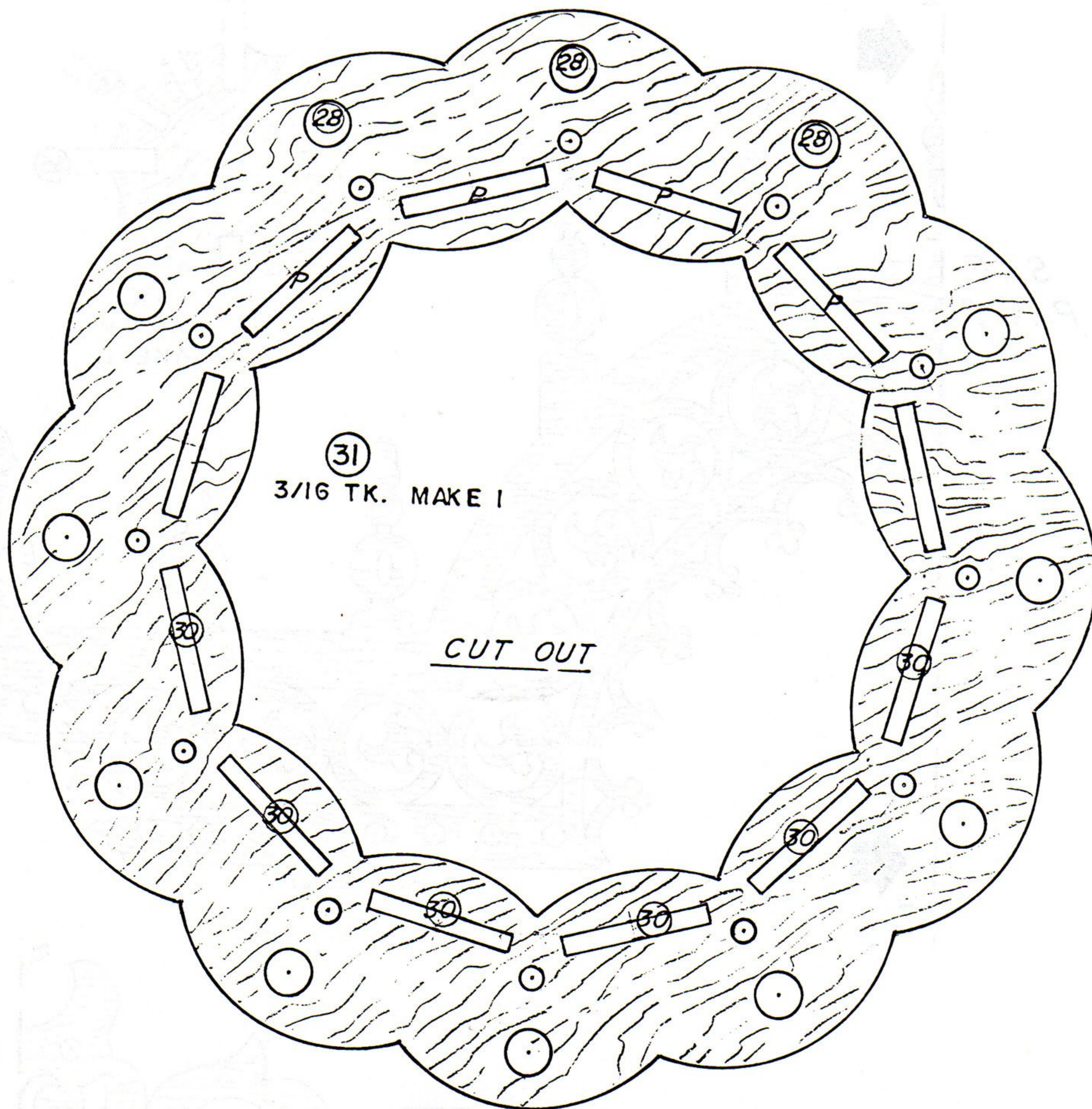


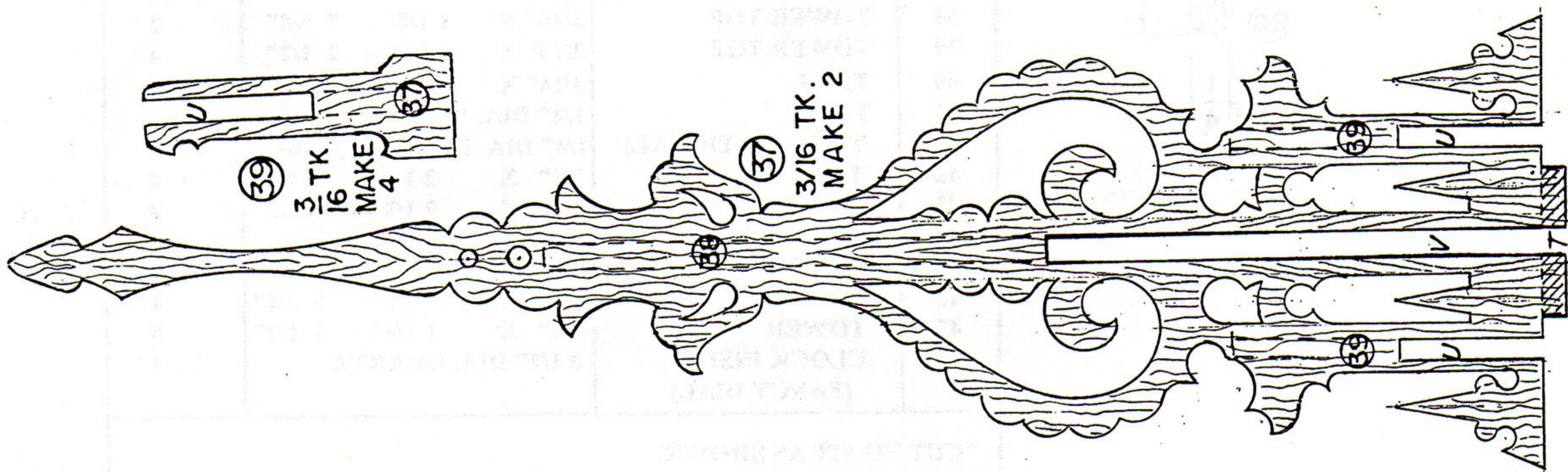
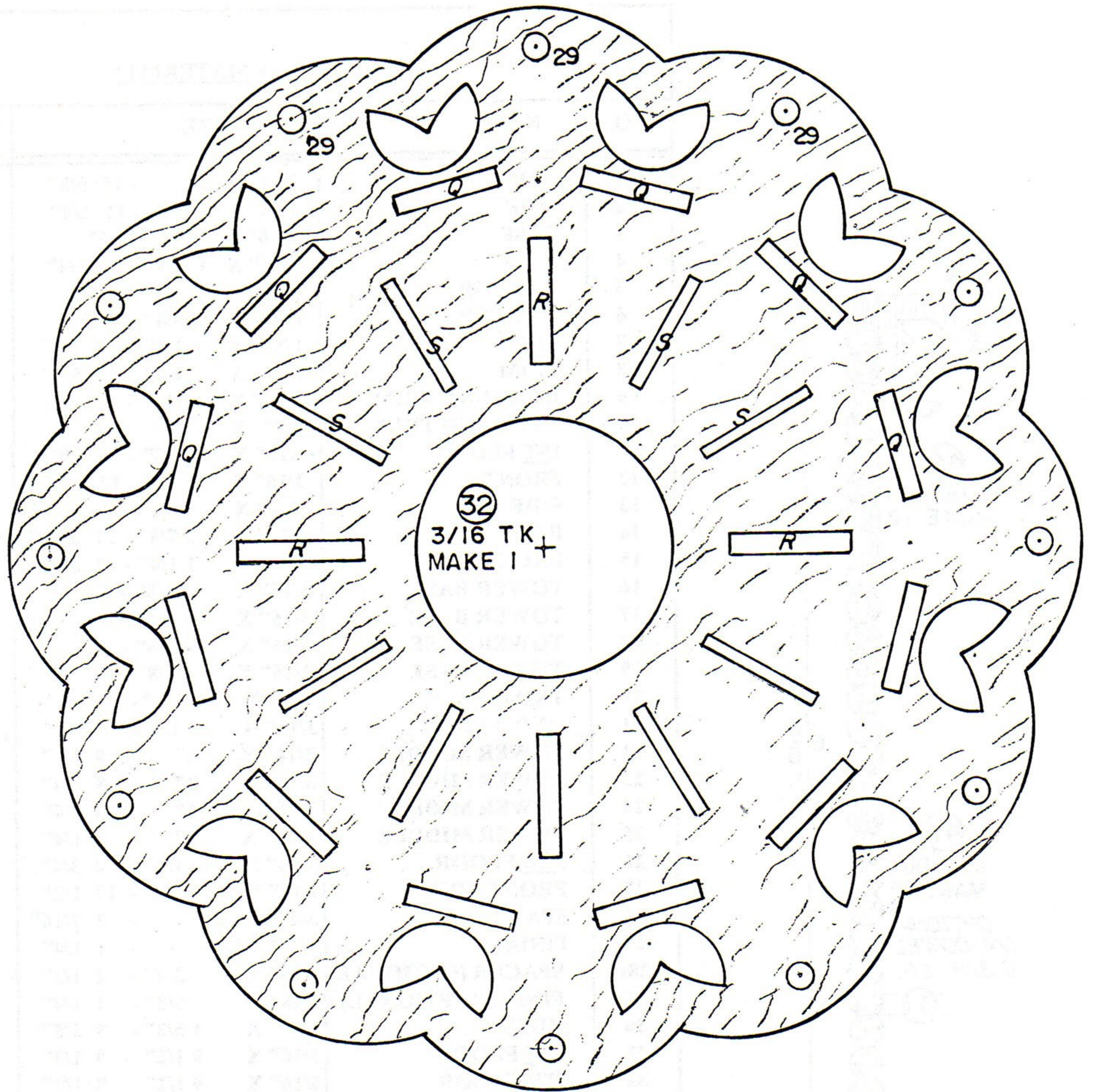


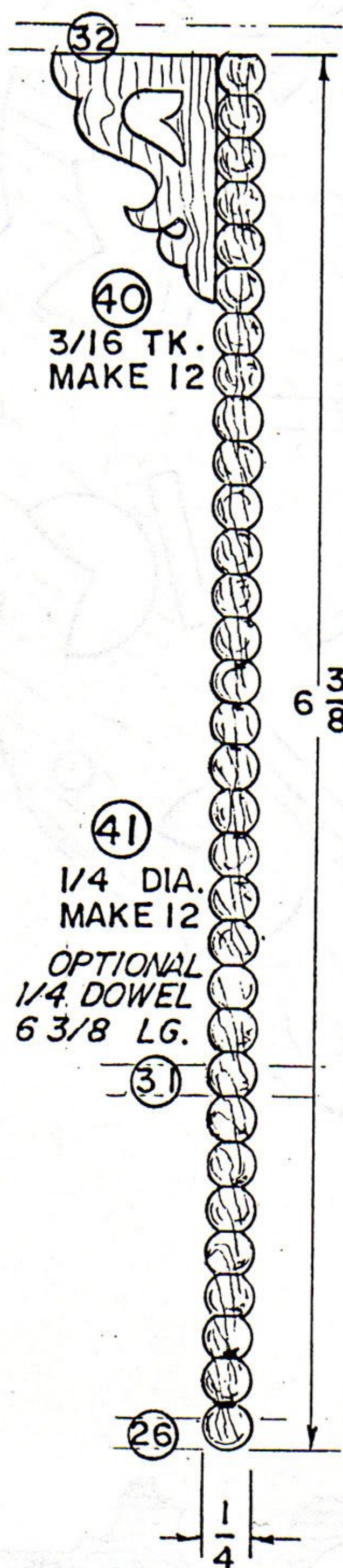
SEE
PAGE
41





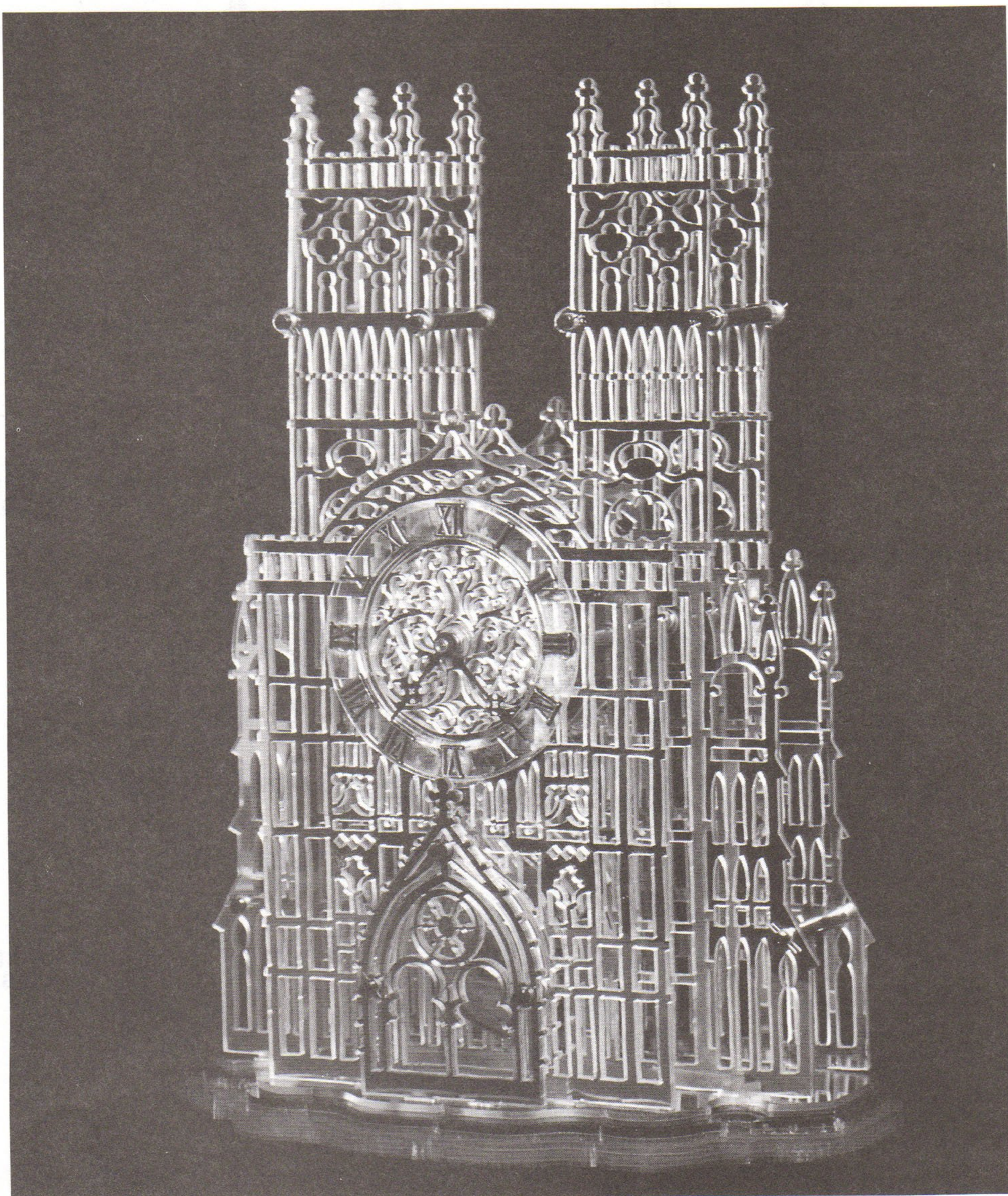






BILL OF MATERIALS			
NO.	NAME	SIZE	REQ'D.
1	FRONT/BACK	3/16" X 3" - 15 5/8"	2
2	SIDE	3/16" X 3" - 11 1/4"	2
3	BASE	3/16" X 1 1/8" - 16"	2
4	BASE	3/16" X 1 1/8" - 11 1/4"	2
5	SUB-TOP	3/16" X 1 3/4" - 16"	2
6	SUB-TOP	3/16" X 1 3/4" - 12"	2
7	TRIM	1/8" X 3/4" - 15 7/8"	2
8	TRIM	1/8" X 3/4" - 11 5/8"	2
*9	1/4 ROUND TRIM	3/16" X 3/16" - 60"	1
*10	1/4 ROUND TRIM	1/8" X 1/8" - 60"	1
11	1ST FLOOR	3/16" X 11 5/8" - 15 5/8"	1
12	FRONT	3/16" X 7 1/2" - 17 3/16"	1
13	SIDE	3/16" X 7 1/2" - 17 3/16"	2
14	BACK	3/16" X 2 7/8" - 17 3/16"	3
15	BACK	3/16" X 1 1/4" - 17 3/16"	4
16	TOWER BASE	3/16" X 4 5/8" - 10"	2
17	TOWER BASE	3/16" X 4 5/8" - 10"	2
18	TOWER BASE	3/16" X 4 5/8" - 10"	2
19	TOWER BASE	3/16" X 4 5/8" - 10"	2
20	TRIM	1/4" X 4 1/2" - 4 1/2"	1
21	2ND FLOOR	3/16" X 5 1/4" - 5 1/4"	2
22	TOWER MIDDLE	3/16" X 2" - 8 1/4"	2
23	TOWER MIDDLE	3/16" X 3" - 8 1/4"	2
24	TOWER MIDDLE	3/16" X 3" - 8 1/4"	2
25	TOWER MIDDLE	3/16" X 2" - 8 1/4"	2
26	3RD FLOOR	3/16" X 10 1/2" - 14 3/4"	1
27	FRONT TRIM	3/16" X 7 1/4" - 17 1/2"	1
28	SPACER	3/4" DIA. - 2 7/16"	12
29	FINIAL	9/16" DIA. - 1 1/4"	20
(28)	SPACER (OPTIONAL)	3/16" X 3/4" - 2 1/2"	12
(29)	FINIAL (OPTIONAL)	3/16" X 5/8" - 1 1/4"	20
30	SIDES	3/16" X 1 5/8" - 9 3/8"	12
31	4TH FLOOR	3/16" X 9 1/2" - 9 1/2"	1
32	5TH FLOOR	3/16" X 9 1/2" - 9 1/2"	1
33	SPACER	3/16" X 2 1/8" - 2 1/8"	1
34	TOWER CENTER	3/16" X 4" - 19 1/4"	2
35	TOWER CENTER	3/16" X 4" - 19 1/4"	2
36	TOWER CENTER	1/8" X 4" - 11 1/4"	8
37	TOWER TOP	3/16" X 3 1/2" - 12"	2
38	TOWER TOP	3/16" X 1 1/8" - 7 5/8"	2
39	TOWER TOP	3/16" X 7/8" - 2 1/2"	4
40	TRIM	3/16" X 1" - 1 1/2"	12
41	TRIM	1/4" DIA. BEAD - 6 3/8"	12
(41)	TRIM (OPTIONAL)	1/4" DIA. DOWEL - 6 3/8"	12
42	TOWER CAP	1/8" X 2 1/8" - 2 1/2"	4
43	TOWER CAP	1/8" X 2 1/8" - 2 1/2"	4
44	TOWER CAP	1/8" X 3" - 3"	2
45	TOWER	3/16" X 3" - 9 3/4"	2
46	TOWER	3/16" X 1 1/2" - 9 3/4"	4
47	TOWER	1/8" X 1 1/4" - 4 1/2"	8
48	CLOCK INSERT (FANCY DIAL)	3 1/2" DIA. QUARTZ	1

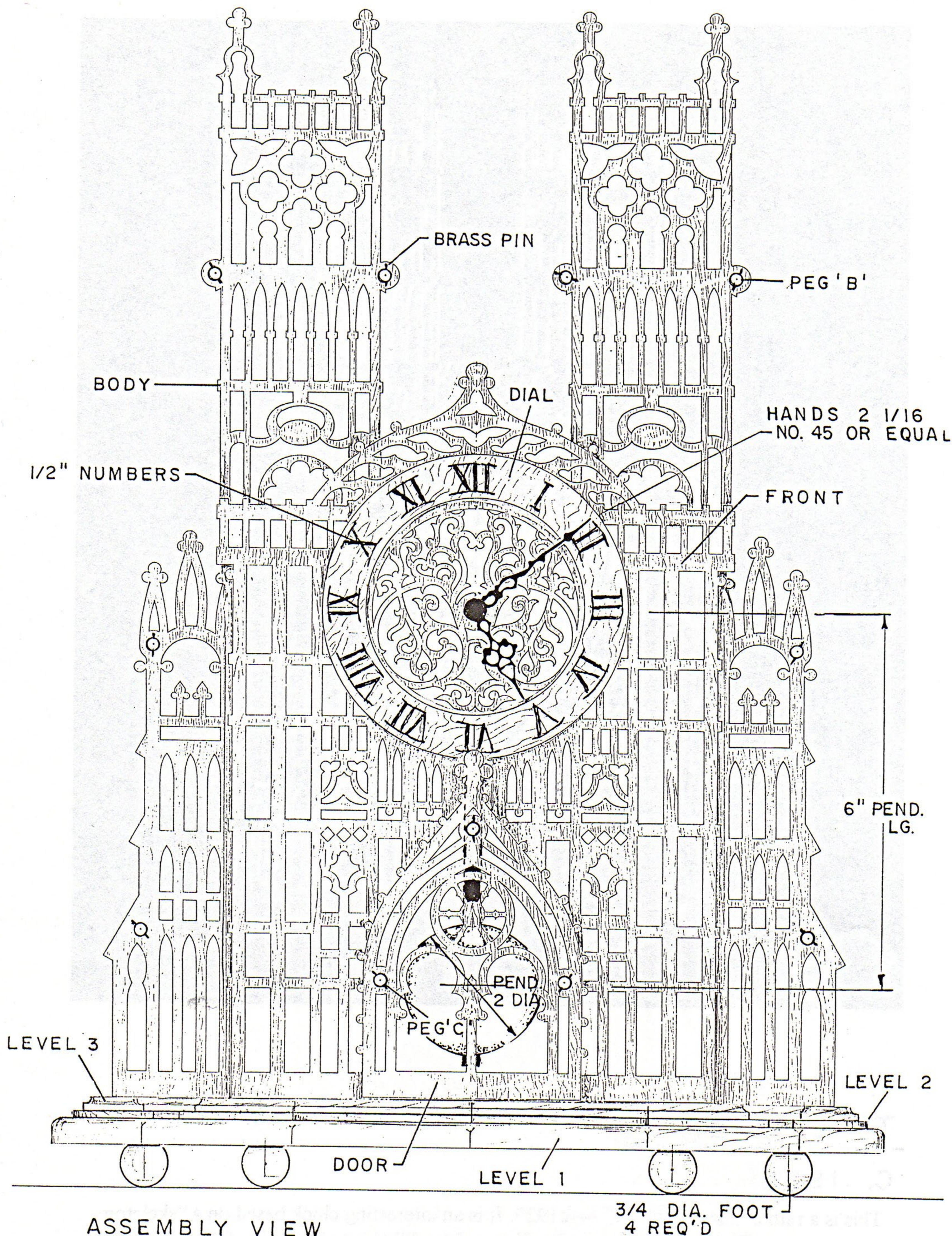
*CUT TO FIT AS SHOWN.



THE HILARY

C. 1920

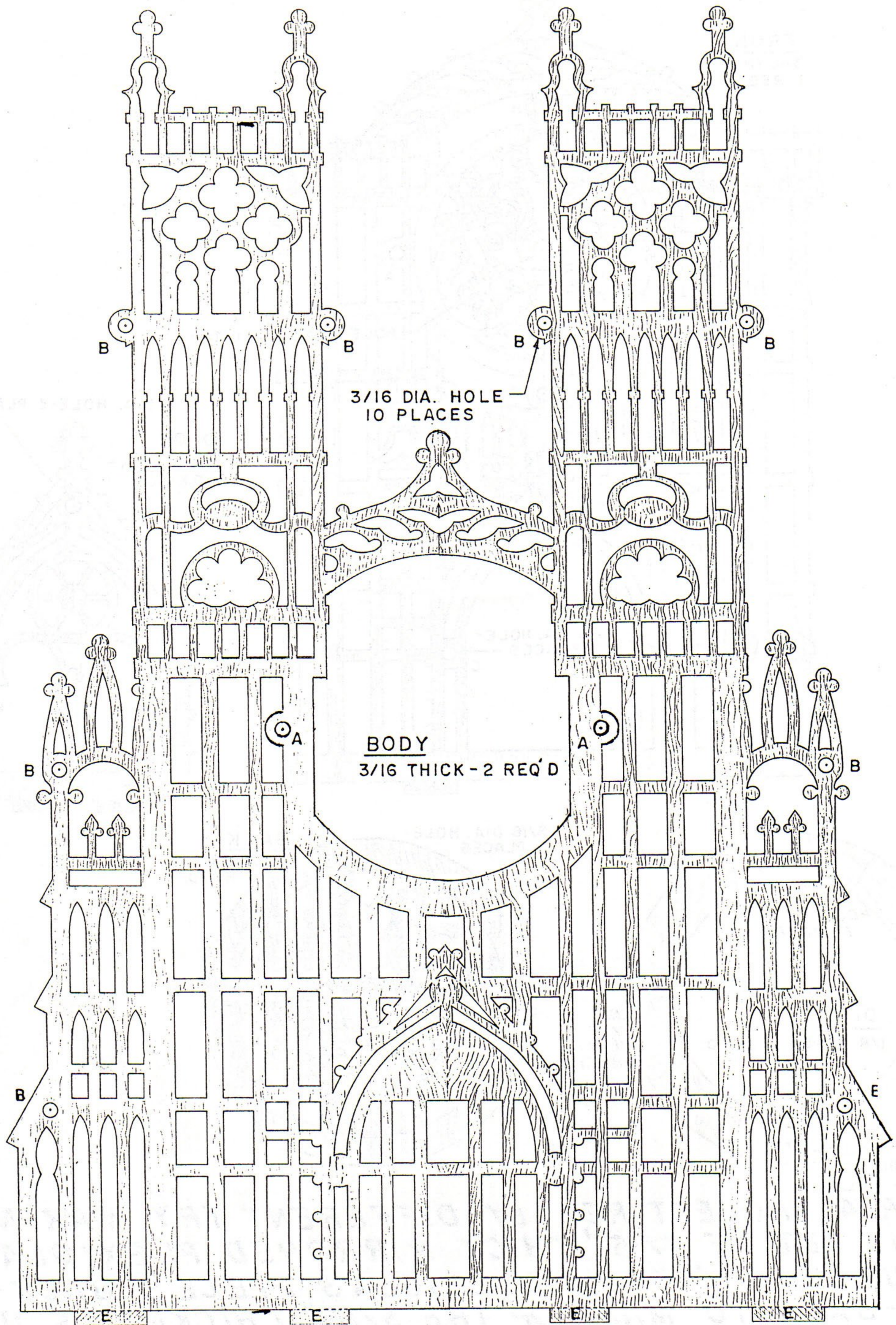
This is a rather "modern clock" ----c1920. It is an interesting clock based on a "skeleton clock" design. The original was made of brass. I modified it to be made of wood. If you want something different, this is it.



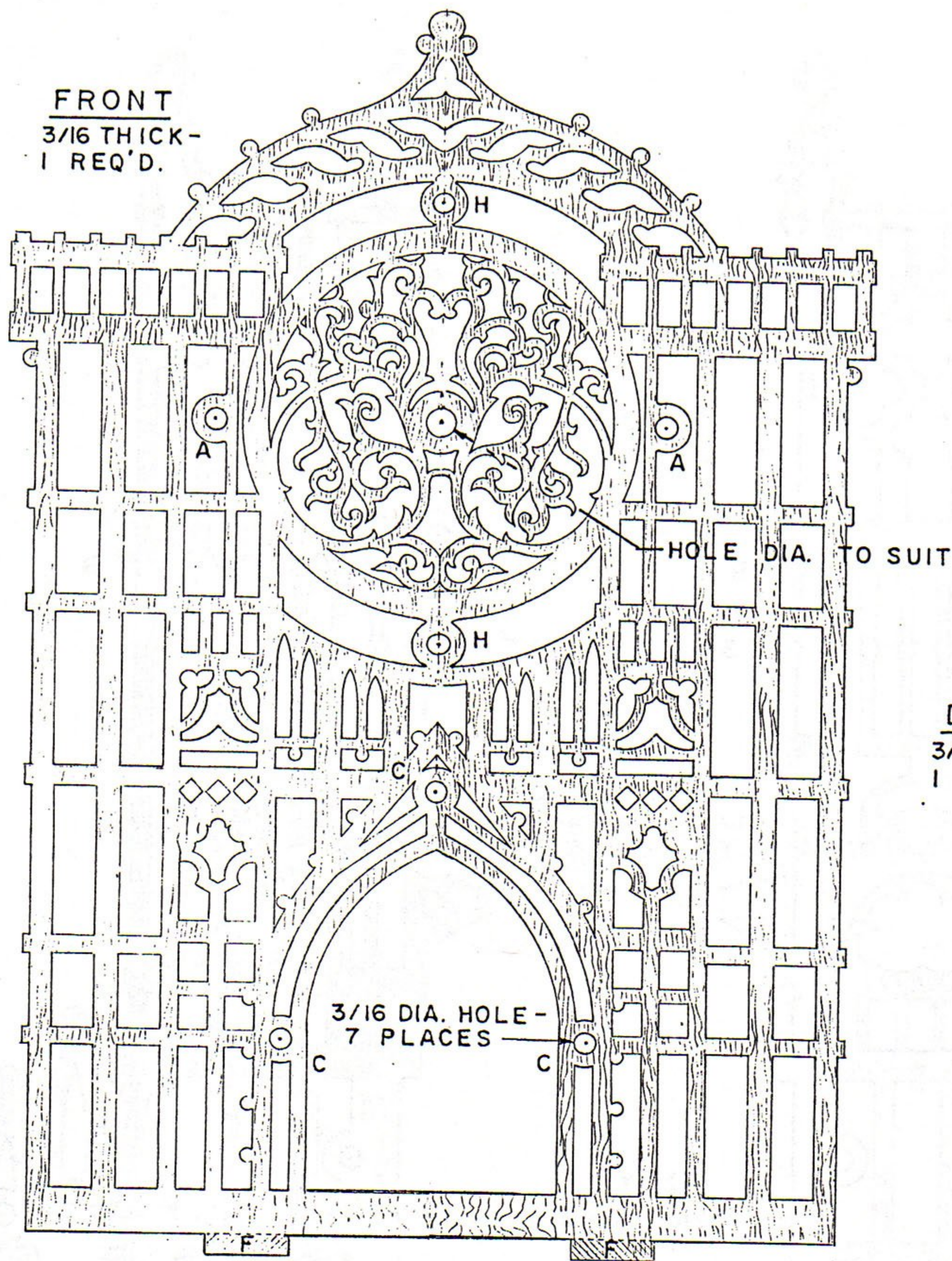
ASSEMBLY VIEW

ENLARGE ALL DRAWINGS 200 %

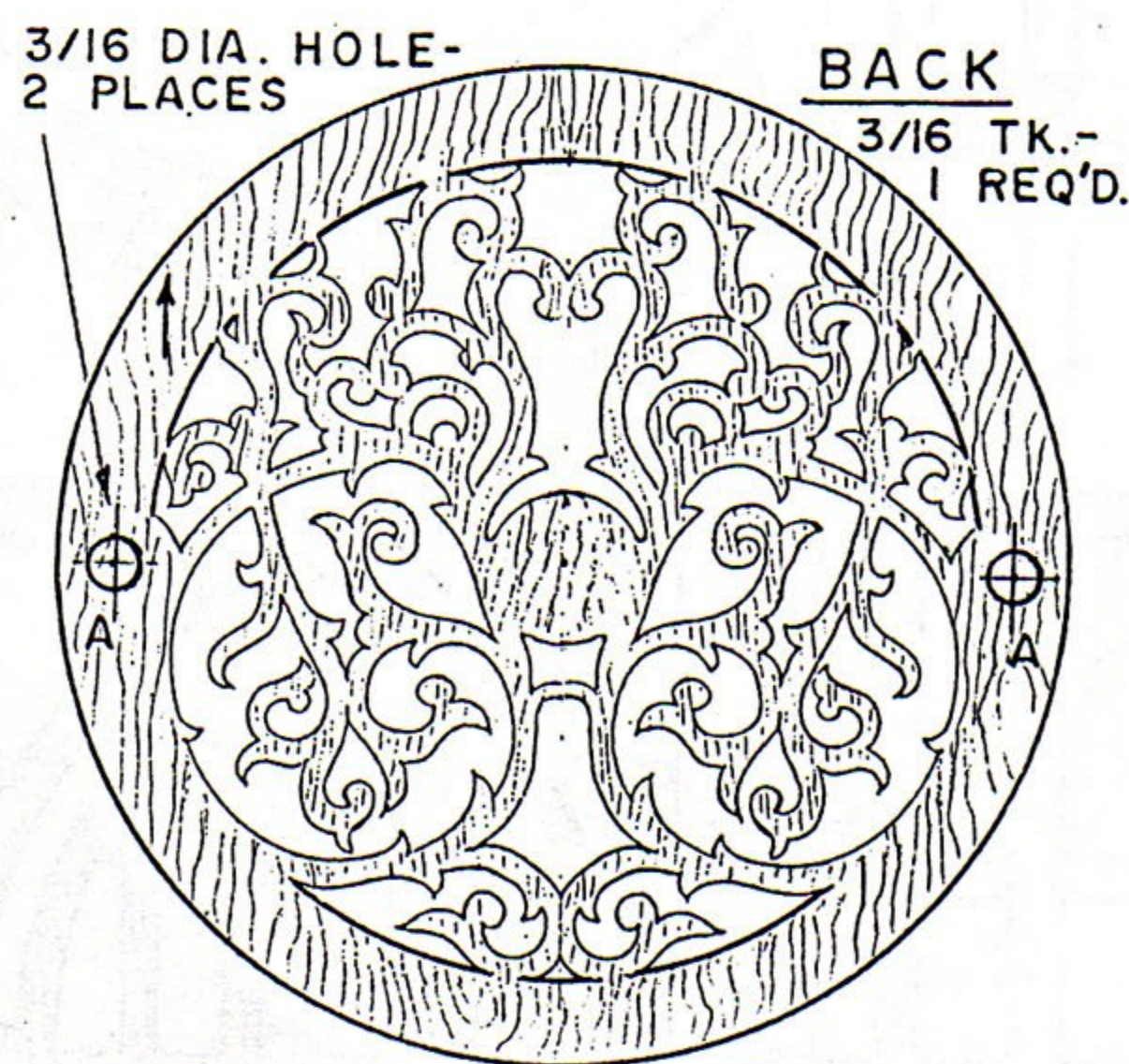
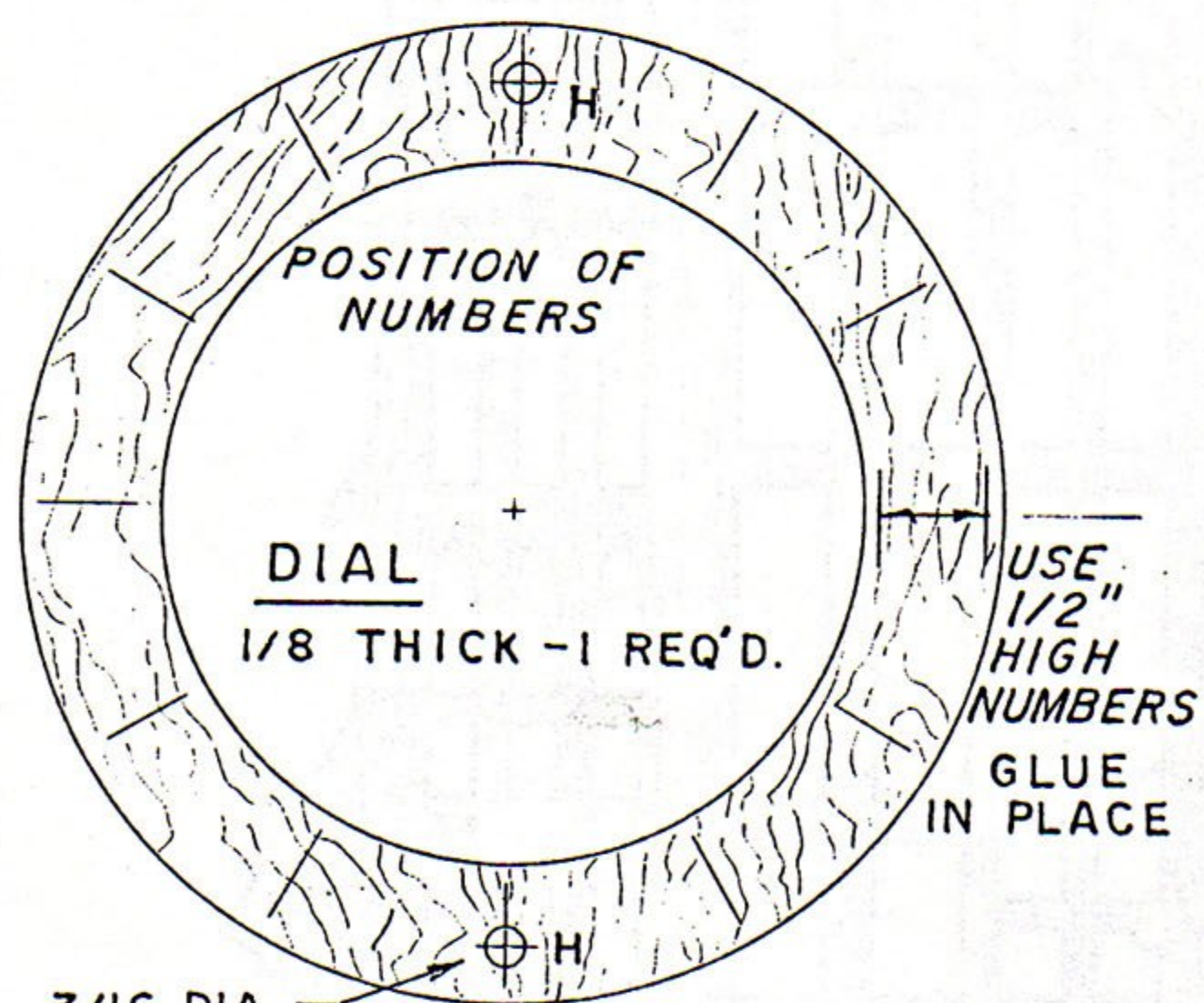
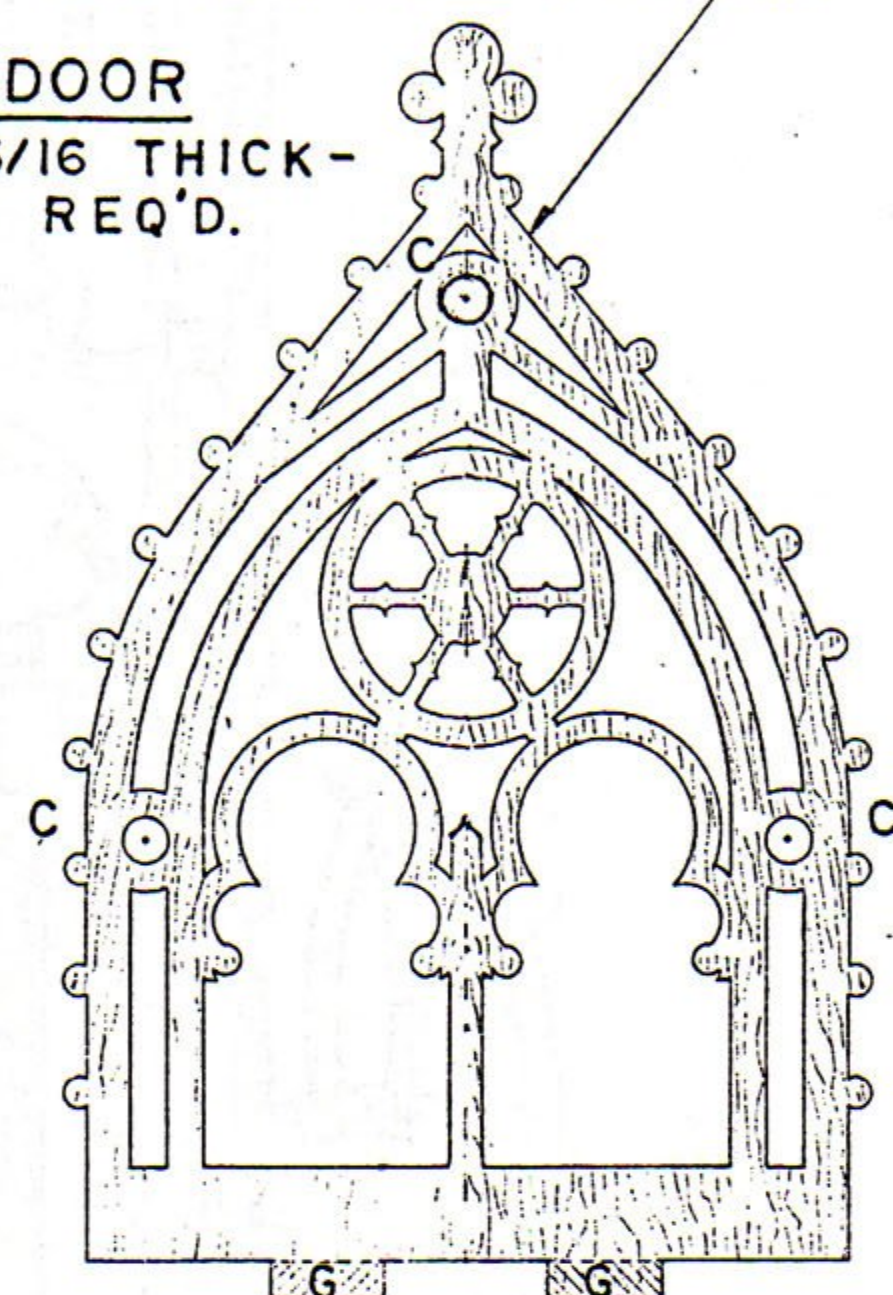
MOVEMENT -
WESTMINSTER CHIME
WITH 6" PENDULUM LENGTH
(2" DIA.) 3/8" DIAL



FRONT
3/16 THICK -
1 REQ'D.

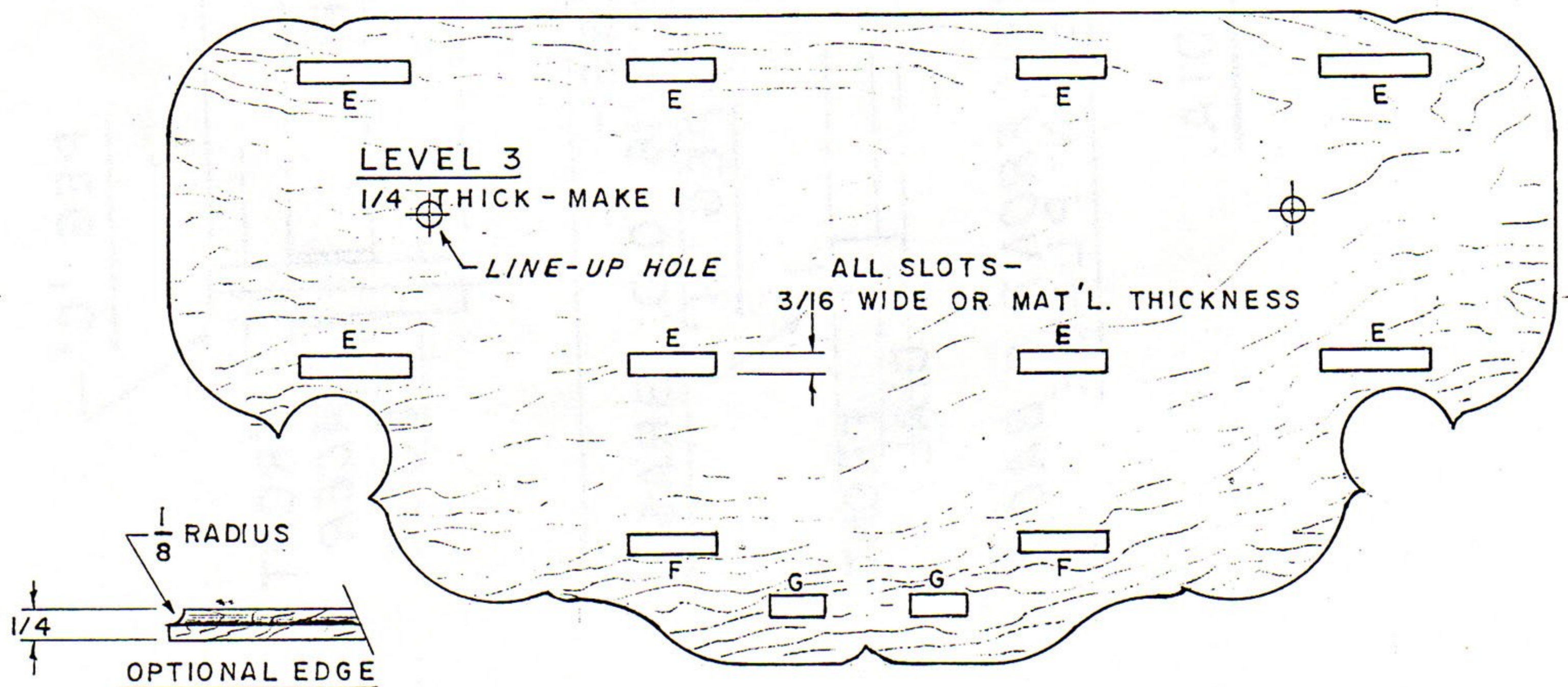
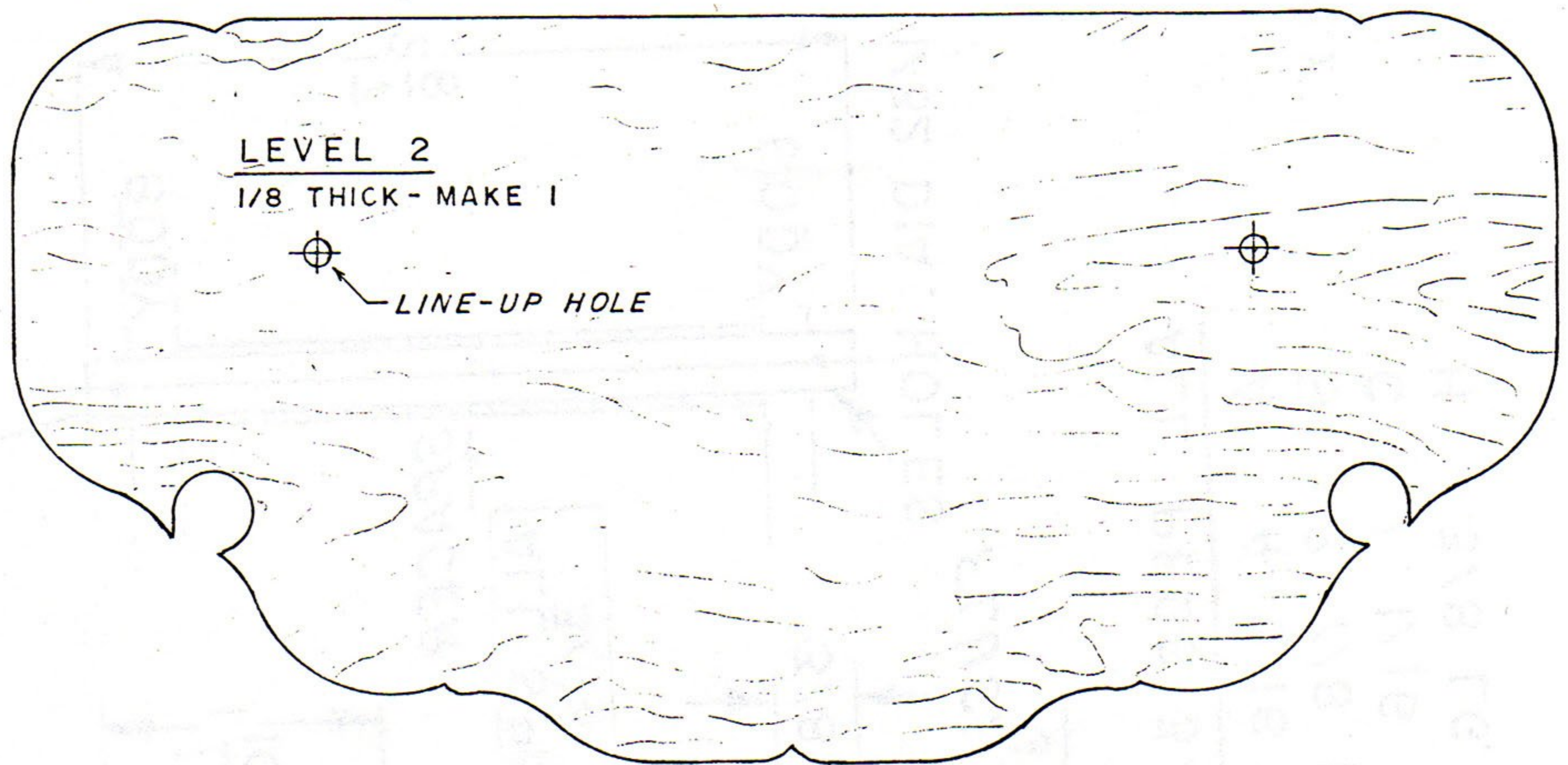
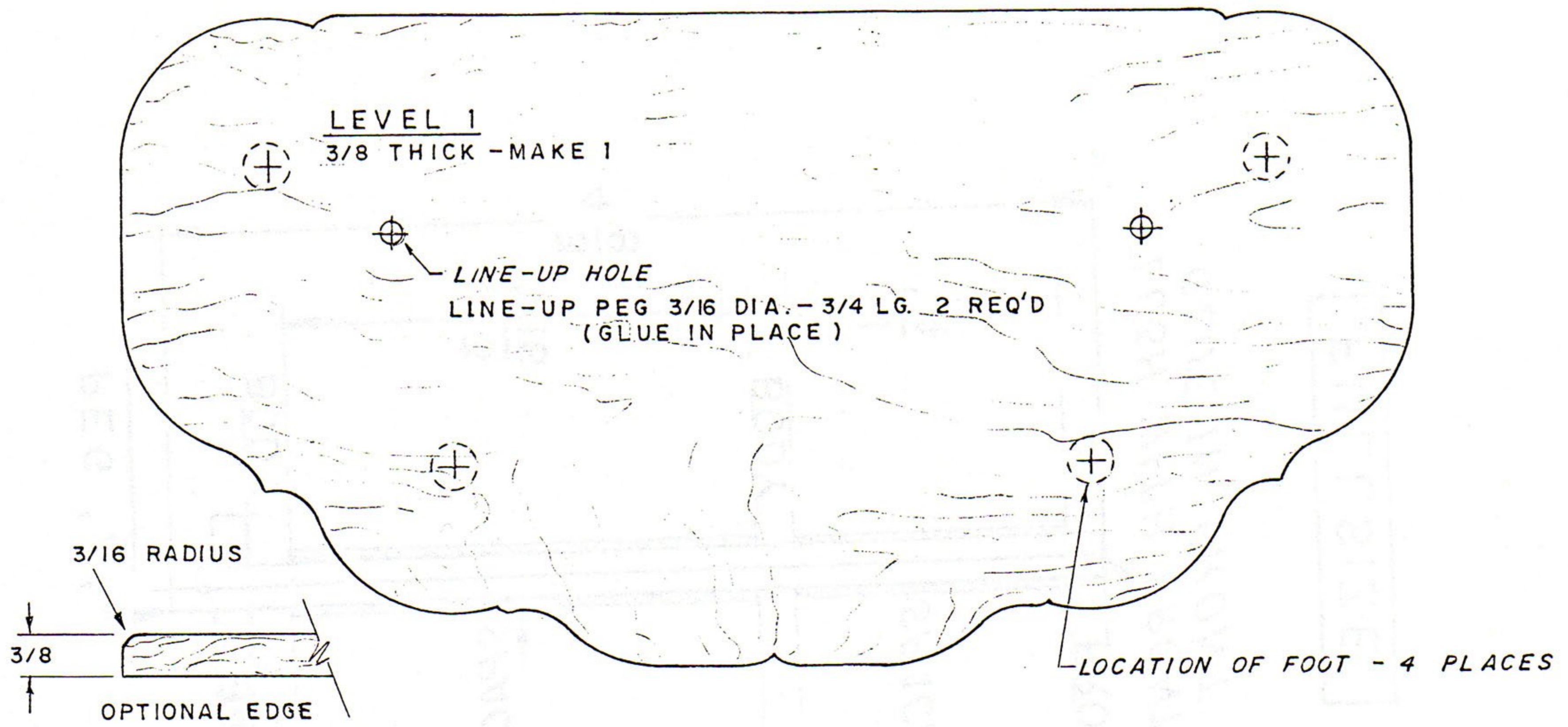


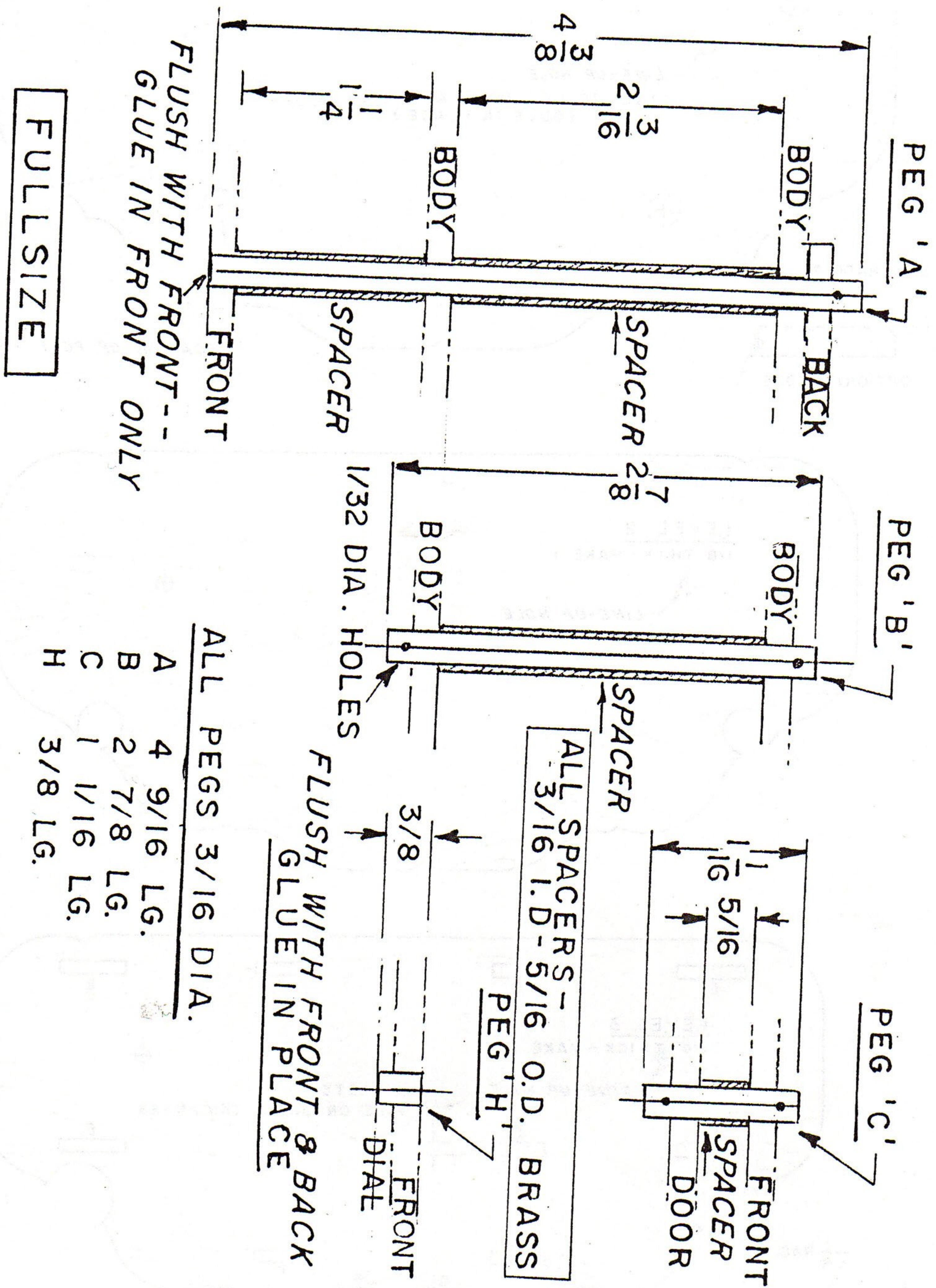
3/16 DIA. HOLE-3 PLACES
DOOR
3/16 THICK -
1 REQ'D.



3/16 DIA. HOLE - 2 PLACES

FOR A PROJECT REALLY DIFFERENT TRY MAKING THIS OUT OF 3/16" THICK MIRRORED PLEXIGLAS. GLUE 2, 1/8" THICK PLEXIGLAS PIECES BACK-TO-BACK TO MAKE UP THE 3/16" THICKNESS. USE A SPRAY ADHESIVE TO GLUE PIECES TOGETHER.



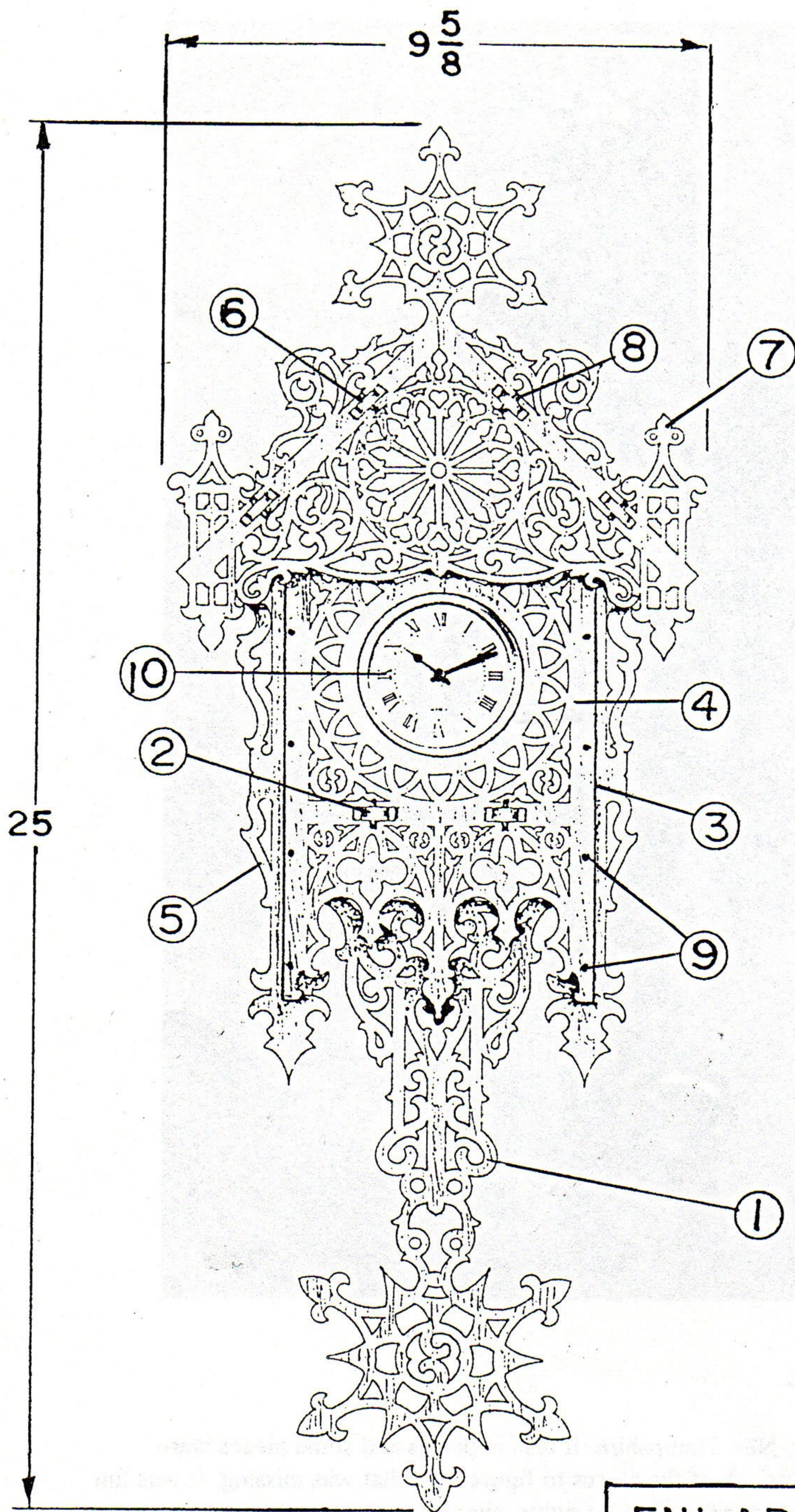




THE NASHUA

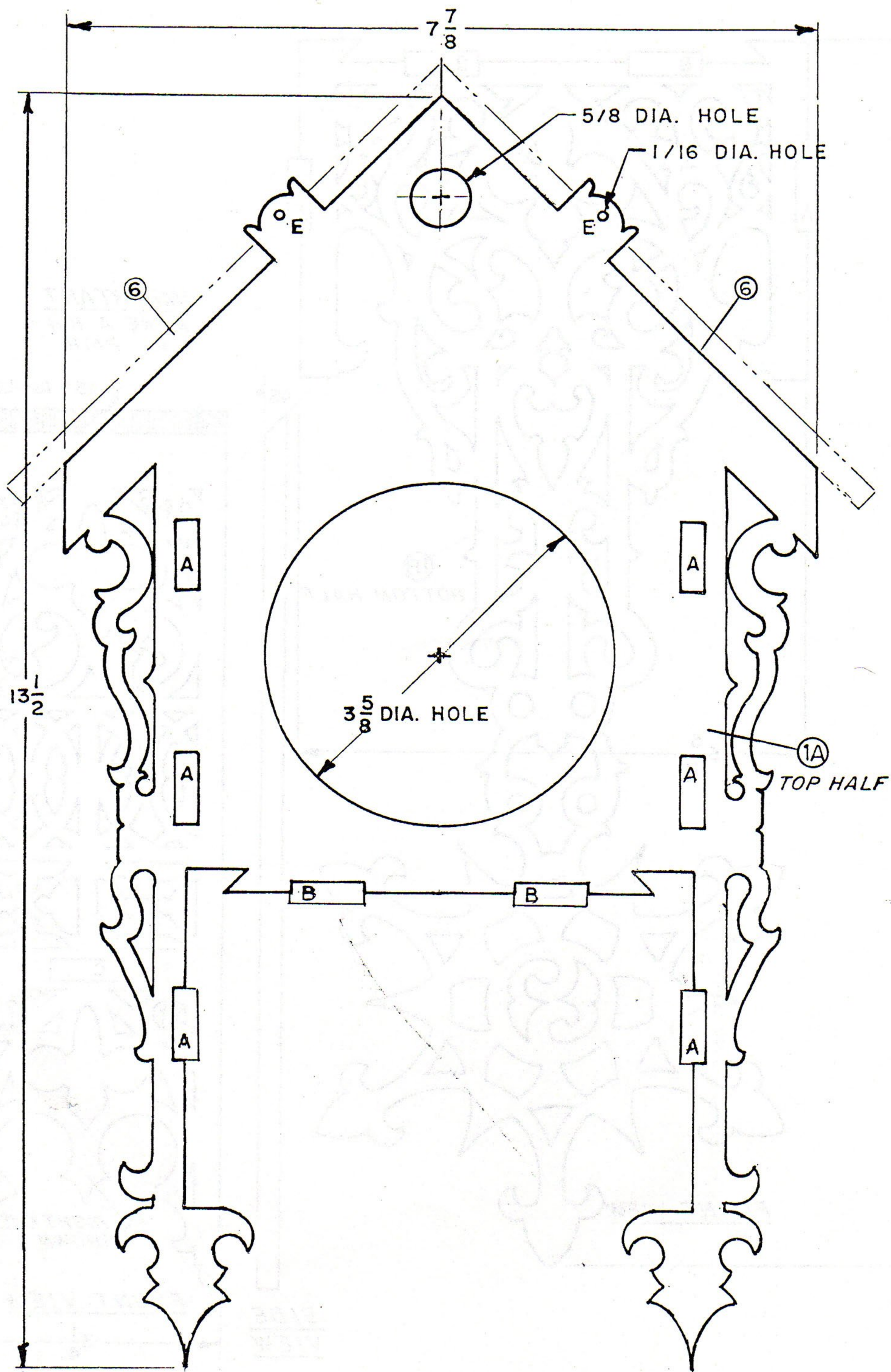
C 1890

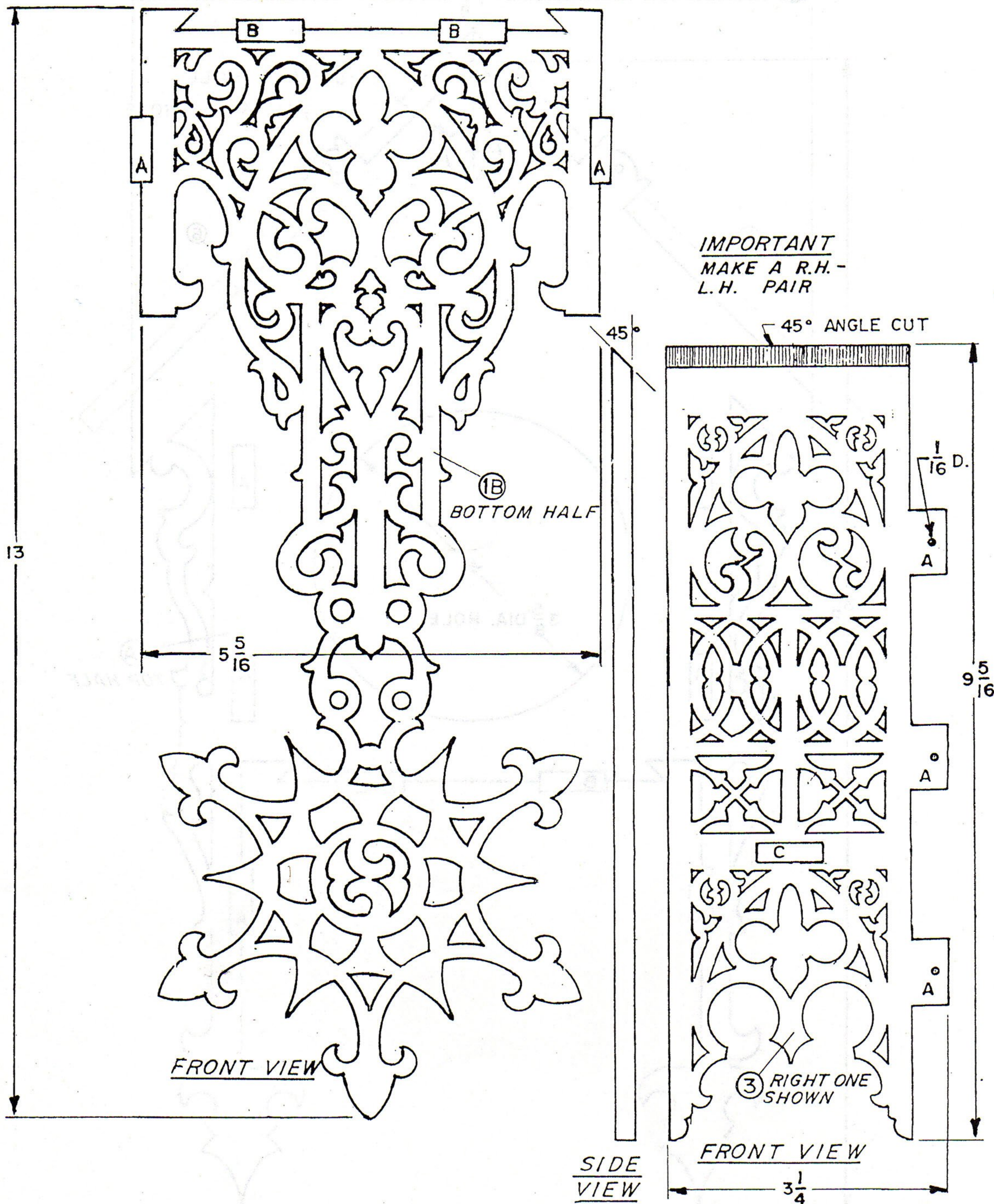
I found this clock in Nashua, New Hampshire. It was in pieces and some pieces were actually missing. I had just enough of the pieces to figure out what was missing. It was fun bringing back something from our past that by rights, should have been taken to the dump. I think it is one of the prettiest "wall clocks" I have ever seen. The original was made of mahogany and believe it or not screwed together with large hideous brass screws. (I omitted the brass screws.)

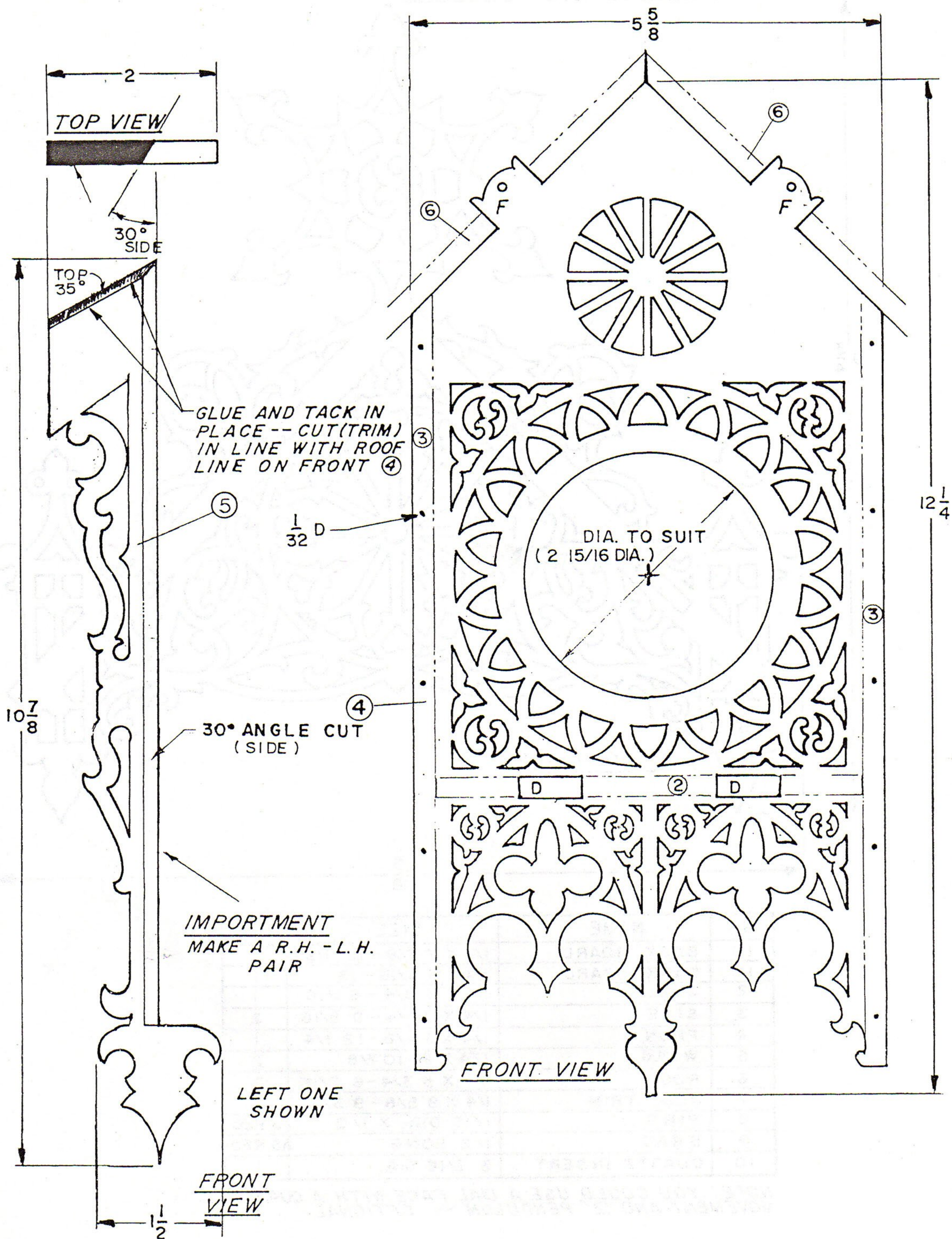


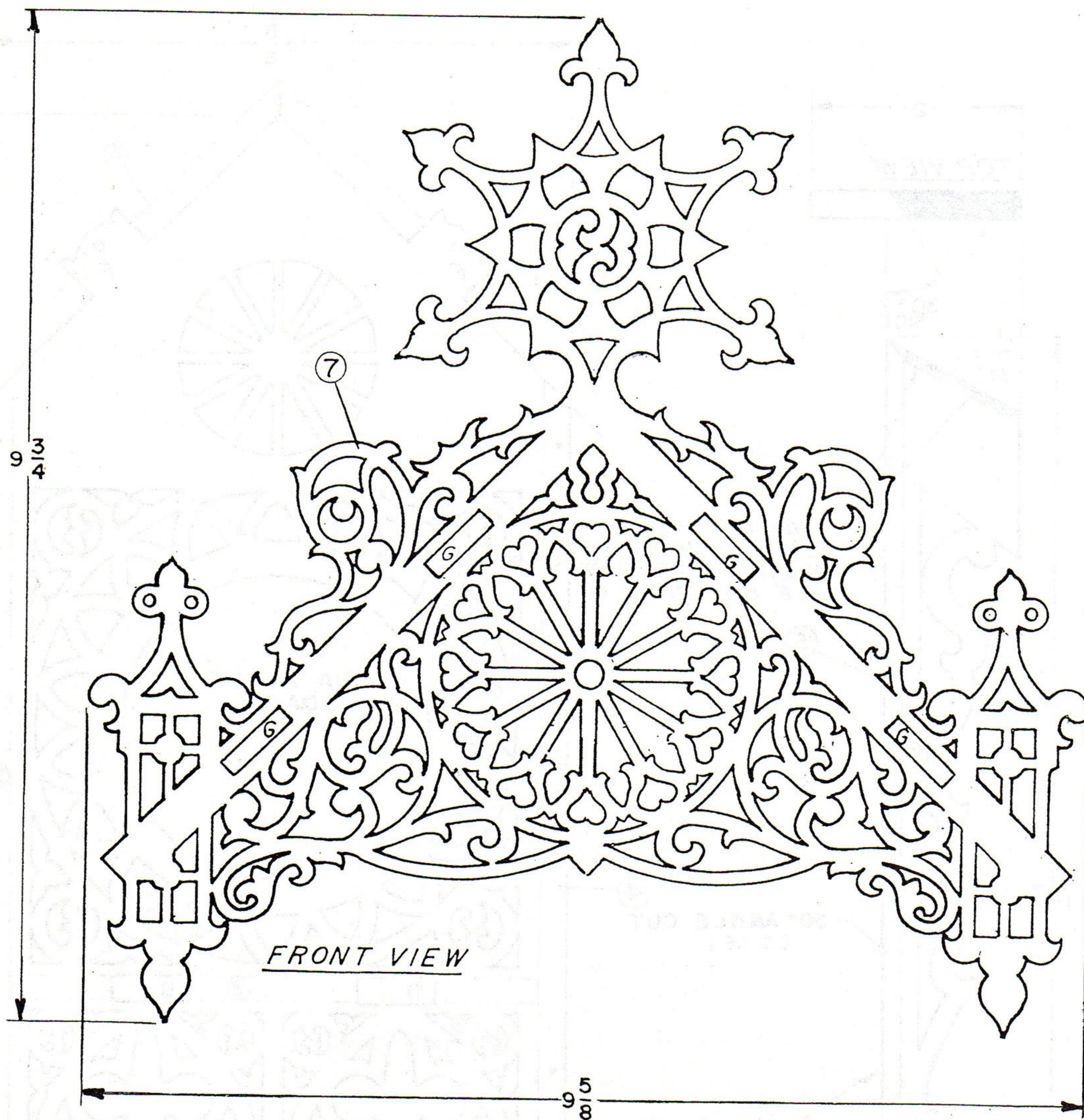
ASSEMBLY VIEW

ENLARGE ALL DRAWINGS
155 %



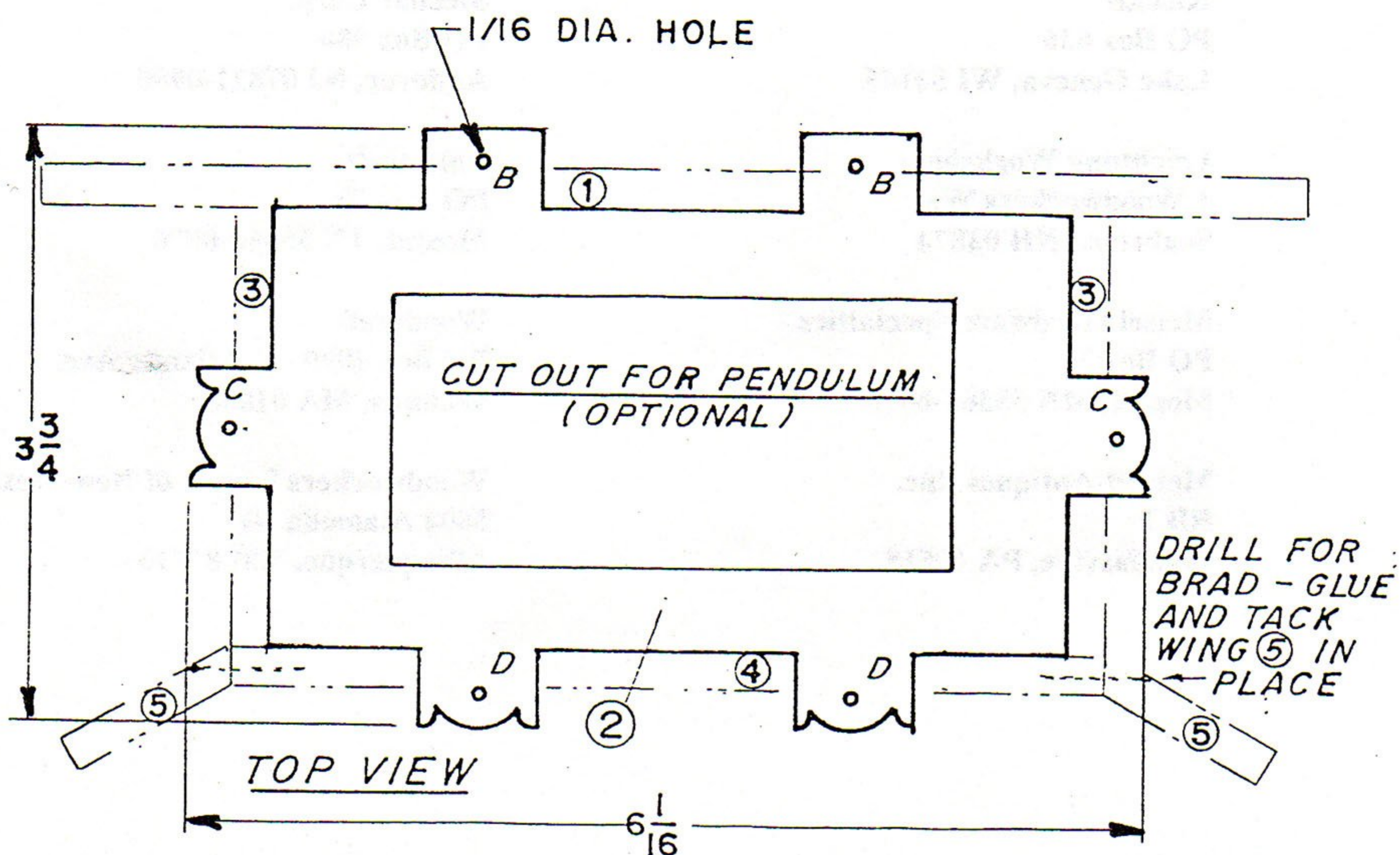
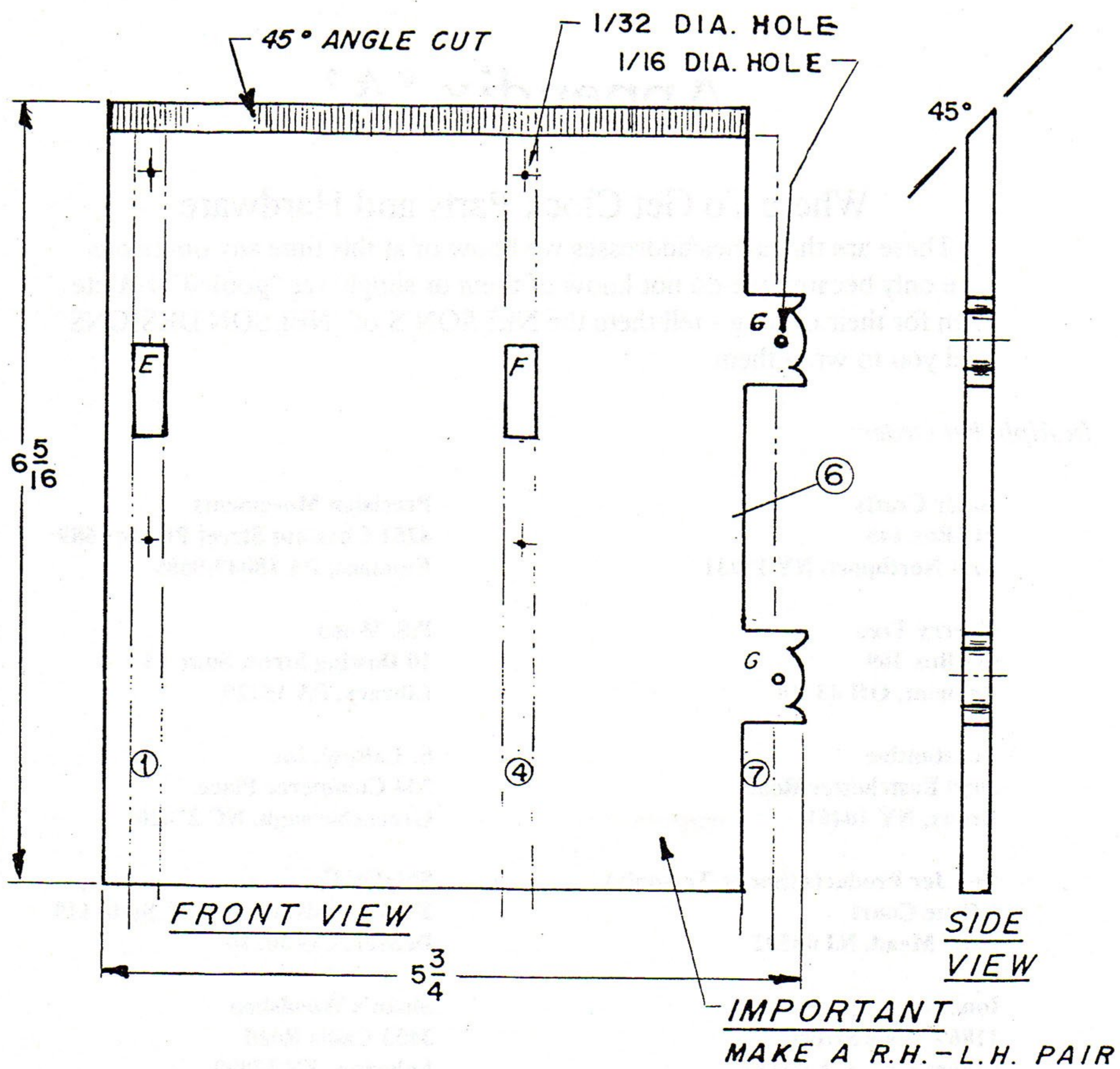






NO.	NAME	SIZE	REQ'D.
1A	BACK BOARD	1/4 X 7 7/8 - 13 1/2	1
1B	BACK BOARD	1/4 X 5 5/16 - 13	1
2	SHELF	1/4 X 3 3/4 - 6 1/16	1
3	SIDE	1/4 X 3 1/4 - 9 5/16	2
4	FRONT	1/4 X 5 5/8 - 12 1/4	1
5	WING	1/4 X 2 - 10 7/8	2
6	ROOF	1/4 X 5 3/4 - 6 5/16	2
7	ROOF TRIM	1/4 X 9 5/8 - 9 3/4	1
8	PINS	1/16 DIA. X 1/2	AS REQ'D.
9	BRAD	1/2 LONG	AS REQ'D.
10	QUARTZ INSERT	3 7/16 DIA.	1

NOTE: YOU COULD, USE A DIAL FACE WITH A QUARTZ MOVEMENT AND 12" PENDULUM -- OPTIONAL



Appendix 'A'

Where To Get Clock Parts and Hardware

(These are the names/addresses we know of at this time any omissions are only because we do not know of them or simply we "goofed".) Write them for their catalog - tell them the NELSON'S of "NELSON DESIGNS" told you to write them.

In Alphabet Order:

Amor Crafts
PO Box 445
East Northport, NY 11731

Cherry Tree
PO Box 369
Belmont, OH 43718

Constantine
2050 Eastchester Road
Bronx, NY 10461

Don Jer Products (Suede-Tex-only)
8 Ilene Court
Belle Mead, NJ 08502

Innovation Specialties
11869 Teale Street
Culver City, CA 90230

Klockit
PO Box 636
Lake Geneva, WI 53145

Leichtung Workshops
1 Woodworkers Way
Seabrook, NH 03874

Meisel Hardware Specialties
PO Box 70
Mound, MN 55364-0070

Merritt Antiques, Inc.
RD 2
Douglasville, PA 19518

Precision Movements
4251 Chestnut Street PO Box 689
Emmaus, PA 18049-0689

P.S. Wood
10 Dowling Street Suite #3
Library, PA 15129

S. LaRose, Inc.
234 Commerce Place
Greensborough, NC 27420

Shipley Co.
2075 S. University Blvd. Suite 119
Denver, CO 80210

Sloan's Woodshop
3453 Callis Road
Lebanon, TN 37090

Steebar Corp.
PO Box 980
Andover, NJ 07821-0980

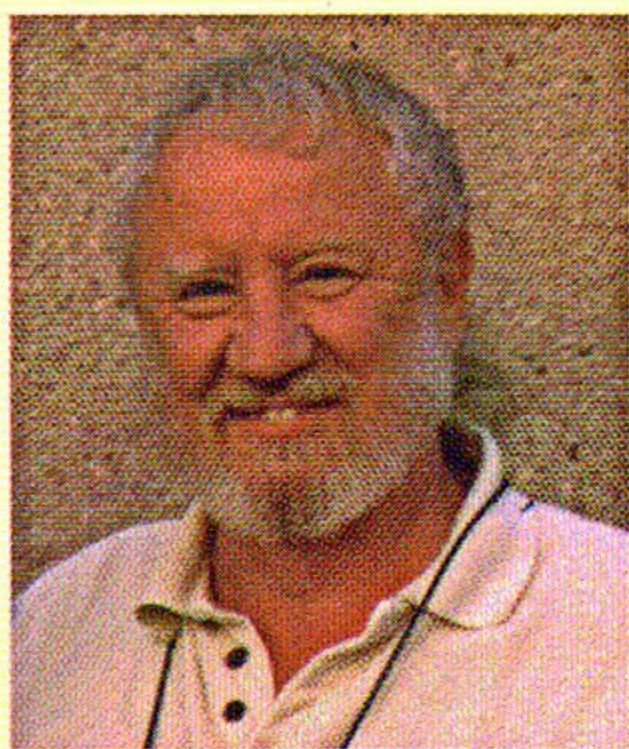
Turncraft
PO Box 70
Mound, TN 55364-0070

Woodcraft
PO Box 4000 41 Atlantic Ave.
Woburn, MA 01888

Woodworkers Supply of New Mexico
5604 Alameda NE
Albuquerque, NM 87113

\$9.95 in USA
Higher in Canada

The Ultimate Scroll Saw Project!



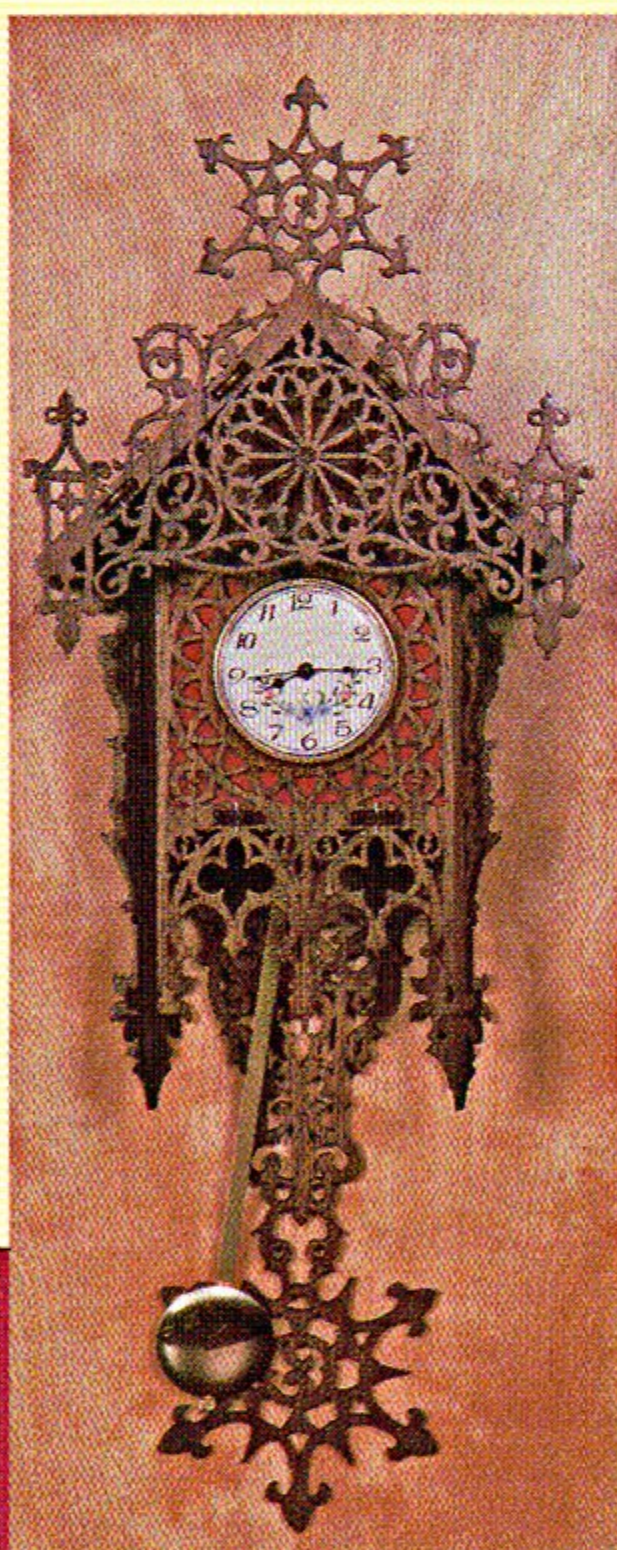
*Make a priceless antique clock design
of your own with John Nelson's help!*

*Antique scroll saw clocks are highly prized for their beauty and rarity.
Examples can sell for \$5,000 to \$8,000.*

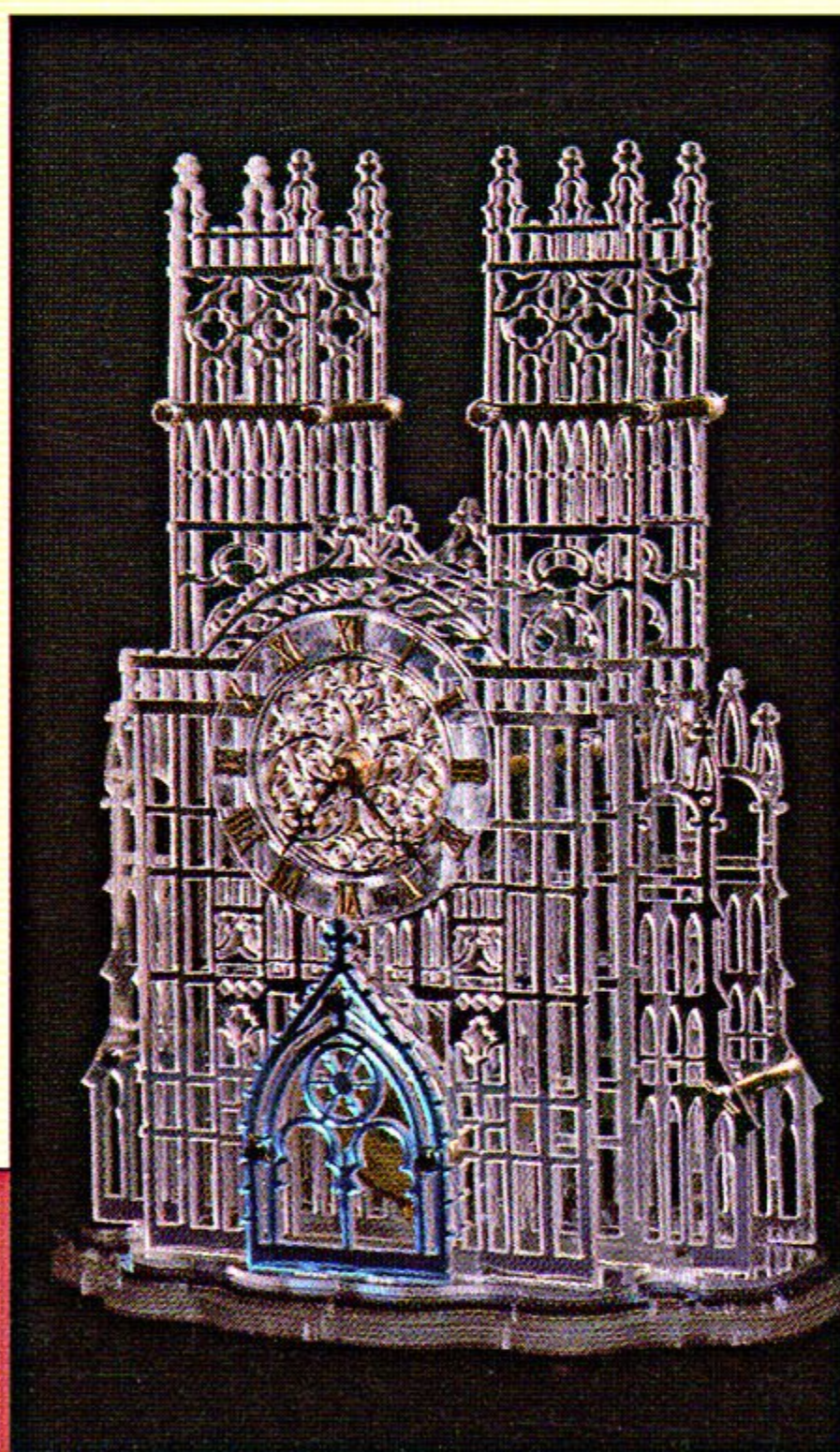
Now, antique clock collector and scroll saw teacher John Nelson shares complete patterns for 5 stunning antiques that you can build at home. This new pattern collection outlines the steps and techniques necessary to replicate these splendid collectibles. Each full size pattern has been painstakingly drawn from the original and doublechecked for accuracy. Amaze yourself and your friends by building one of these fine examples:



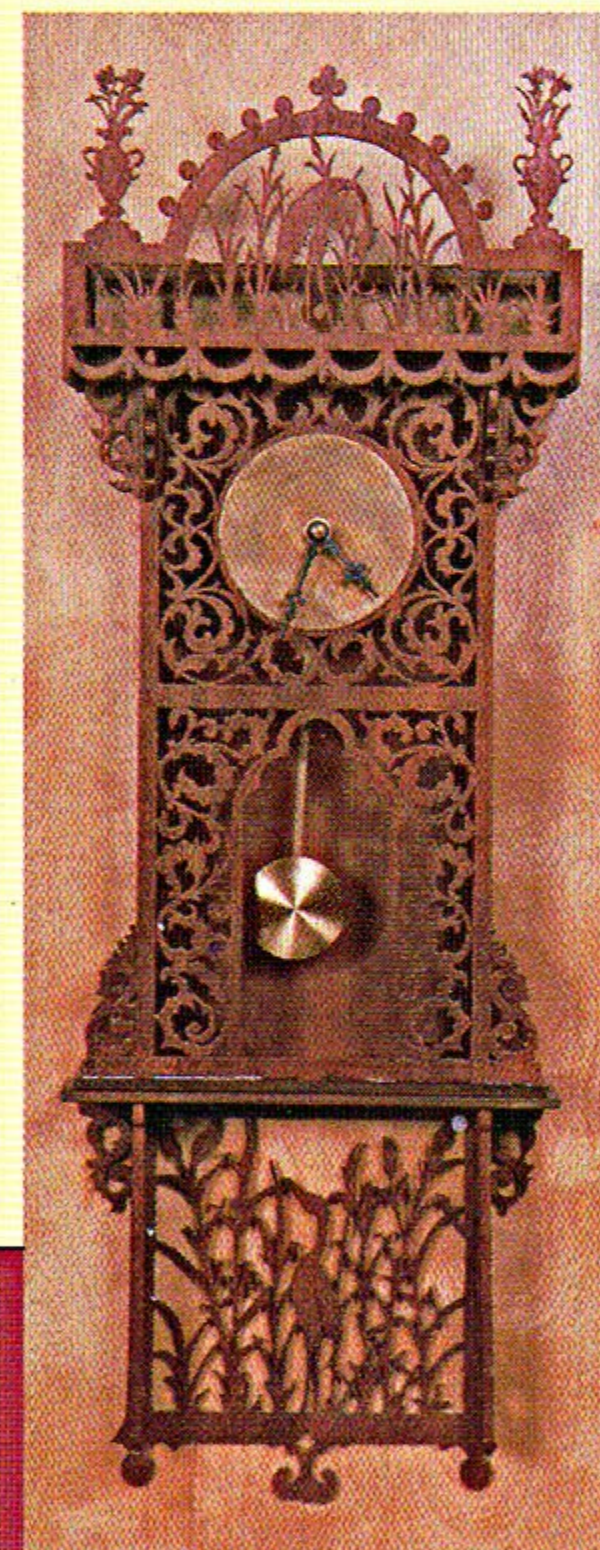
The Jennifer



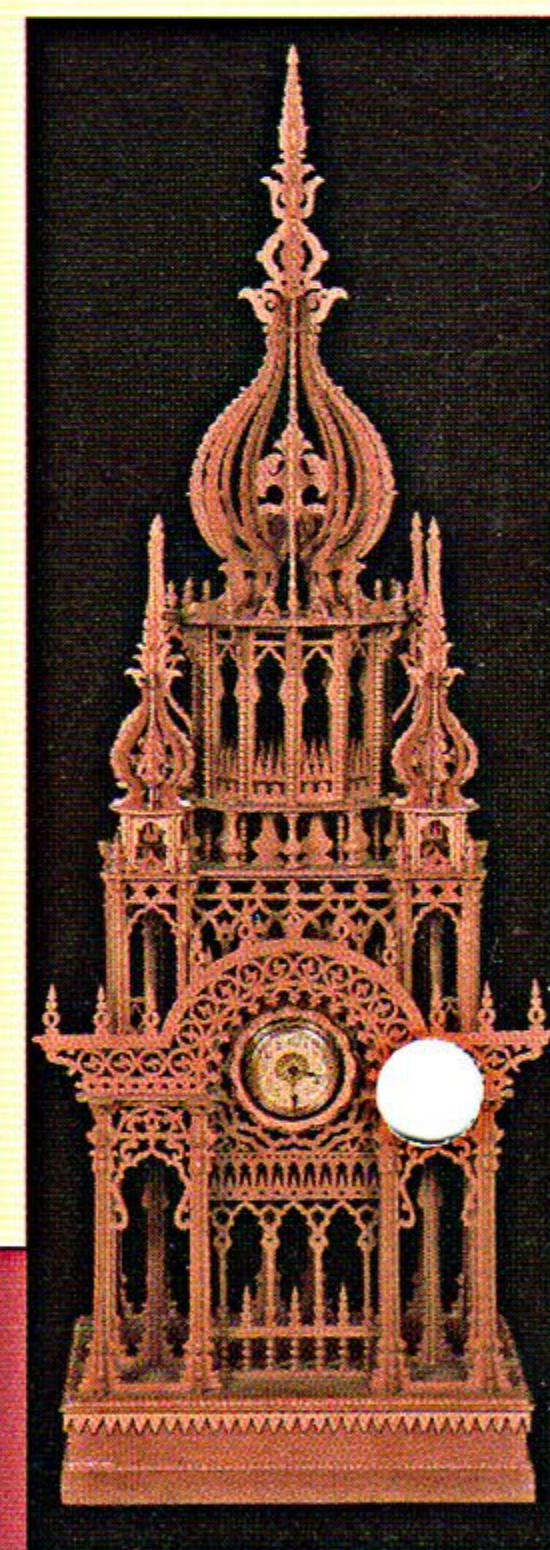
The Nashua



The Hilary
(updated design in plexiglass)



Pomeroy Clock



The Imperial Tower



FOX BOOKS 
Fox Chapel Publishing Co. Inc.

Fox Chapel Publishing Co., Inc.
1970 Broad Street
East Petersburg, PA 17520