

MIDWEST FACETERS GUILD

MARCH 1981

NEWSLETTER

GEMS OF THE MIDWEST

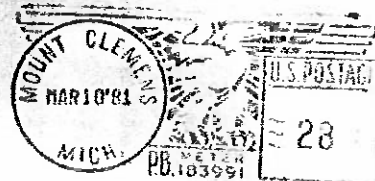
VOLUME 2 NO. 1

AN EDUCATIONAL PUBLICATION
FOR THOSE INTERESTED IN FACETING

GEMS FROM THE MIDWEST

4205 MERIDIAN ROAD

OKEMOS, MICH 48864



Ms. Joan Connor
19218 Helen
Detroit, MI 48234

FIRST CLASS MAIL

THE MIDWEST FACETER

Volume 2, No.1

An official publication of The Midwest Faceters Guild

OFFICERS

Harold Rice, President
Jan Taylor, Vice-president
Joan Connors, Secretary
Ed Myers, Treasurer

COMMITTEE CHAIRMEN

1981 Show - Kathy Porter
Education - Helen Murray
Membership - Ed Myers
Rules - Ralph Whitney
Historian - Patty Rice

BOARD MEMBERS

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Joan Connors
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Larry Murray
Harold Rice
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George Westcott

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THE PRESIDENT'S MESSAGE

We are rolling into the 80's. The 70's are past and everything is looking up. People have snap in their step. New technological advancements are being made every day in the faceting field. It used to be that every lapidary show was primarily cabochons and minerals. However, the past several months, faceting is emerging. We are very fortunate to be where we are at this time. We anticipated a move in this direction and we were ready. Our Midwest Faceters Guild is one of the topmost Guilds in the country. Helen Murray has been putting us on the map with her educational programs and "Professor" Dave Miller is putting us on the map with his knowledge of faceting. Several members are writing articles which are being published nationally.

Soon we will be going to Indiana to lecture at the show and then in October we will have our very own show. Everyone is doing a fine job - we have a real team in operation.

signed- Arizona Rice

1981 DUES DUE NOW

Mail your dues directly to Treasurer Ed Myers, 303 Smith Street, Apt. 127
Clio, MI 48420

NAME TAGS

IF you need a name tag send directly to the manufacturer. They'll want your name, of course, and \$2.60. The address is

Ameriplastic Imprinting Co., Box 7009, 508 Church St., Flint, MI 48505

NEWS AND VIEWS

Well, winter is almost over and it seems nice to see the snow and ice disappearing. But time is passing too fast! The Big Show will be on top of us before we know it. Are you getting ready? Do you need some help building a case or designing your display or polishing that recalcitrant facet? Then come to the Jackson meeting! Look at the big announcement on the facing page 3 - and do take special note of the date change!

THE JACKSON MEETING IS ON MARCH 21

I, Gib that is, want to share some good news with you. The Chinese Ministry of Education approved, the formal invitation has arrived and I will definitely be teaching in Shanghai this coming Fall. We are already getting excited about the biggest adventure of our life.

Rather than ramble along I think it better to get right into the real stuff. So - so long until next time.

THE TOLEDO MEETING Dec.6, 1980 by Joe Zukowski .

The major business of the meeting was passage of the General Rules for judging at our shows. The discussion cleared up a few points and the formal vote was unanimously "aye".

The committee reports were a highlight of the meeting. (How often can you say that?) Kathy Porter told us of the progress her group has made on show plans and requested volunteers for a raffle chairman and for people to give special programs. Helen Murray reporting on the meeting of her Educational Committee told us that our Guild will be represented at the South Bend show and at the Salt Lake City show. Several ideas of interest to the Guild were mentioned, particularly in regard to future programs at our meetings. See the minutes of the meeting for details.

Display Cases

The design and construction of our show cases is of paramount importance right now. Our Dearborn show is putting pressure on us, of course. Volunteers are needed to do all of the steps in the building process. Here are some of the hints we heard;

Cont'd on page 5



MIDWEST FACETERS GUILD
EDUCATIONAL MEETING
MARCH 21, 1981
JACKSON, MICHIGAN

AGENDA

- 9:30 A.M. BUILDING OPENS FOR SET UP.
10:00 - 12 NOON BOARD MEETING
11:00 - 12 NOON COMMITTEE MEETINGS, IF CALLED BY CHR.

LUNCH AVAILABLE IN MALL AREA - REGISTRATION
BROWSING - TALKING - PRINTING

1:00 P.M. OFFICIAL MEETING FOR MEMBERSHIP

2:30 P.M. PROGRAM BEGINS

(1) EXHIBITING - WHAT IT INVOLVES !
HELEN MURRAY

(2) EXHIBIT CASE POSSIBILITIES
PANEL - ALEX MARSHALL, CHR. GEORGE WESTCOTT, DR. JIM THOMPSON, JAN & JERRY TAYLOR, LARRY MURRAY, PETER RIVA, HAROLD RICE, BILL SCHELL, AND BILL HORTON (IF AVAILABLE).

(3) JUDGES TALK ABOUT THEIR JOBS
PANEL - PETER RIVA, CHR. ALEX MARSHALL, KATHY PORTER AND ED MYERS (IF AVAILABLE).

5 P.M. CLOSE AND PACK UP. PLEASE HELP CARRY.

FUTURE DATES: MAY 2, 1981, FLINT, MI.
AUGUST 29, 1981, LANSING, MI., ANNUAL MEETING, OCT. 3rd, MT. CLEMENS, MI.
OUR FIRST SHOW ON OCT. 24-25, 1981 AT THE DEARBORN CIVIC CENTER, DEARBORN, MI.

OVER



(a) Display case about 4 ft to 6 ft wide will weigh 25-30 lbs if built of 1/4" plywood. The cost will run about \$22 for birch plywood, glass, hardware etc. would be extra.

(b) Among the points to consider in making a case are these:

Storing the thing between shows!

Solid or break-down case?

What plan to use? Who to build it?

About 15% of the points in judging come from the case itself.

Use steps in the case? If so, cover with cloth.

A double bottom will prevent upsetting of the stones.

Also the extra space below provides useful storage.

The background material is vital.

(c) Several members will bring cases to the Jackson meeting and the dos and donts of case building will be discussed.

The Educational Program

The announced program "How to buy facet rough" was not given. In its stead we held a forum on "faceting ideas". Here are some of the suggestions we heard (and we hope we have attributed them to the right people):

Dorothy Smith - Don't use a rough lap on small stones.

Eugene Shinkevich - Use a small wet rag when transferring a stone to another dop; the stone and the binding mastic will not heat up and no shifting will occur.

Jim (Doc) Thompson - Polish a girdle flat at 85° on the transferred side and use this as an alignment mark. This helps proper alignment of the pavilion to the crown.

Joan Connor - Don't use polishing pads; oval facets will result.

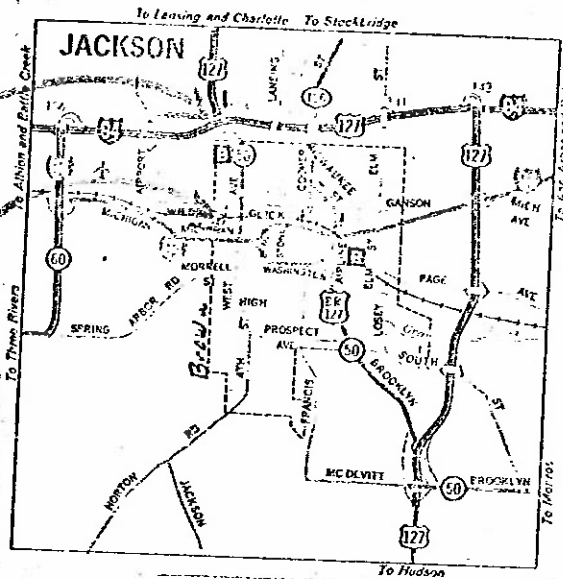
Larry Murray - Use sunlight to see scratches on your facets! Use epoxy cement rather than shellac wax to hold th stone to the dop when polishing on ceramic. Speed up the drying of the epoxy by use of a lamp.

Bernard Bush - If you are polishing opal on a flat surface, hold the stone to the wood with "crazy glue". Cut the stone off with a sharp knife.

Elery Holt - To rejuvenate a cerium oxide disk, first use plastic solvent to soften the surface. Then work a cerium oxide slurry into

COMMUNITY ROOM
WESTWOOD MALL, JACKSON, MICH.

LOCATION MAP



Directions: If coming by way of I-94: Exit at exit 138 and go south to Michigan Avenue. Turn right (West) onto * Michigan Avenue and go till you get to Brown Street. Turn right on Brown Street and go to the parking lot behind Westwood Mall. The Community Room is located next to Montgomery Wards.

If coming by way of 127 from Lansing: Continue into Jackson until you reach Michigan Avenue. Turn right (West) on Michigan Avenue and follow above directions from the (*).

If coming north on 127: Exit at Michigan Avenue and head west and follow above directions from the (*).

EXHIBITS IF YOU HAVE BUILT A FACETING CASE PLEASE BRING IT AND CONSTRUCTION PLANS AND POSSIBLE COST. OUR MEETING IS A SHARING OF IDEAS FOR EXHIBITING.

IF YOU HAVE A FAVORITE WAY OF EXHIBITING YOUR STONE - PLEASE BRING THE HOLDER AND ONE STONE TO ILLUSTRATE IT.

ROCKHOUND MAGAZINES - OUR SUPPLY IS GETTING LOWER. DONATE YOUR OLD ONES. COME PREPARED TO BUY THOSE YOU LIKE AT LOW*LOW PRICES. IT ALL HELPS ESTABLISH OUR LIBRARY.

RAFFLE TICKETS - WILL BE AVAILABLE. ADDITIONAL PRIZES ARE REQUESTED TOO FOR GRAND PRIZES OR SALESMEN.

COME ***** BRING A FRIEND ***** HAVE A WONDERFUL TIME



the surface. Use quartz to work off the excess. The slurry is a mixture of plastic solvent and cerium oxide and you must work quickly because the solvent sets up very fast.

Gary Kocher - Put "crazy glued" dops in the freezer to loosen.

John Gansen - If a facet doesn't want to polish try deflecting the mast with your finger. This slight "urging" often helps.

Max Kionka - If a facet isn't polishing, try dropping the angle one degree or less before going on.

Bill Schell - If you get scratches when you polish dry on your ceramic lap, add a few drops of "Liquid Wrench" and spread with your finger. No extra diamond is needed. (This works especially well on cubic zirconium.

There was also a panel discussion on basic jewelry design and construction with Chairman Alex Marshall ably assisted by Jim Brownlie Leonard Domorsky and Art Kalinsky. Their practical experience gave us all much needed information. Here is the gist of what we heard:

In earliest times jewelry was worn by the men only. Its design was copied from nature for the most part, god figures, animals, plants, and even such natural phenomena as storms and lightning. The Hopi Indians based almost all of their jewelry on living things

Tastes vary about jewelry. Some people like stones in their metalwork, others don't, but some mountings are truly complemented by a well polished stone.

Here are some of the hints we were given:

It is acceptable to copy a commercial design but you should add some touches of your own to "individualize" it.

Most shows now do not have a separate "original design" category. The reason seems to be the difficulty in developing a truly original design. All designs fall into just a few basic shapes.

Good balance is the key to good design. Use small stones to accent the metalwork, use metalwork to accent big stones. In particular, use silver to accent a stone; the stone should be the focal point.

Try copying expensive jewelry in cheaper metals. You can use any of the standard techniques, casting, cold-rolling, die-striking, to work the cheaper metals. Shaped steel can be silver or gold plated and gold filled can be cold-rolled.

Use expansion plaster to make molds for casting. Cooling water will stop the expansion.

In the die-struck process the metal is shaped under very high pressures and the result is much more dense metal and much sharper shapes. Just the opposite is true of castings, of course.

White gold is an alloy of gold and nickel (sometimes zinc or palladium is used). Be careful using the stuff because it has a tendency to crack.

The strong acids used in metal working, nitric acid, aqua regia, etc., are highly corrosive and very dangerous.

Some sources of jewelry and lapidary supplies were mentioned, too:
C.R.Hill, 2734 W.11 Mile Rd., Berkley, MI 48072

Michigan Jeweler's Supply, 1116 E.Big Beaver Rd., Troy, MI 48084

Miner's Den, 3417 Rochester Rd., Royal Oak, MI 48073

Michigan Lapidary Supply, 24735 Halstead, Farmington Hills, MI 48018

There seemed to be strong interest in jewelry-making at the meeting. It was agreed that more programs on design and construction should be scheduled for future meetings.

Door Prizes

Hunks of glass laser rod were won by Wayne Baird, Joe Kaleser, Art Kalinski and Joe Zukowski. The calipers, the big gift, was won by Charlie Horn. Leaded "angel" was taken home by John Mannery and lapidary rulers were carried off by Harold Beck, Theresa Brownlie, Gib Hocking, Zig Lipski and Harold Rice. (Gib was heard to complain that it spoiled his lifelong record of never winning anything!)

GEM LORE

Birthstones for the first three months of the year are

January - Garnet

February - Amethyst

March - Aquamarine

Birthstones have been given and worn since ancient times. The choices were made on astrological grounds then and they still are! But in 1912 the National Association of Jewelers standardized the list which we still use today, with minor additions.

THE TREASURER'S REPORT (Dec.6,1980)

Balance from Oct.25,1980		854.35
Raffle receipts		
money order	366.00	
checks		
Ed Myers	100.00	
Joan Connors	50.00	
Lawrence Murray	25.00	
Ernie Michaud	20.00	
Richard Miller	10.00	
Genevieve O'Hara	5.00	
Richard Fairless	10.00	
	<u>586.00</u>	586.00
Dues		<u>35.00</u>
		1475.35
Expenditures		-
Clio Postmaster (membership mailing)	8.60	<u>-8.60</u>
		1466.75

The raffle has taken in approximately \$975.63 to date.

The membership totalled 174 as of this date.

signed- Ed Myers

MIDWEST FACETERS GUILD SHOW MEETING

Jan.31, 1980

President Rice called the meeting together at 10am.

Kathy Porter had gone forward on the publication of the rules and distributed copies to all present for comment. It was decided that the Board could recommend changes to be taken before the body.

President Rice suggested we use no gender when referring to a faceter, i.e., his display, lest we offend when no offense was intended.

Helen Murray moved to accept changes in the rules recommended by

before the body. Seconded. Jan. 31, 1980

Under General Rules:

Master amended to read Master and Society
 Junior and Novice amended to read Junior, Junior Society
 and Novice

Under Classes of Competition:

Class 4 to read Single stone - prescribed cut and material
 Class 12 add See AFMF uniform rules, 5th edition

Judging Sheet to be called Workmanship Judging Sheet.

We extend our appreciation to Kathy Porter for all the work she did in having these rules printed up. She will have 500 copies for the use of the Guild.

The Board is not in favor of having the exhibitor present during the judging.

Helen Murray reported on publicity. By the last of May she hopes to make contact with all pertinent manufacturers. Ultra Tec is publicizing our Guild and has offered a trophy for the show. She is sending out publicity letters to all clubs in Ohio, Indiana and Michigan as well as those clubs in the metro Chicago area. She also has a distributor out west who will handle the rules and application blanks for us.

Kathy Porter discussed the need for more dealers and the number we could handle. The amount of the fee was discussed and we decided that we need more information about the electrical equipment before we can say exactly how many dealers we can accomodate.

Harold Rice will look into insurance coverage and liability that may be necessitated by the electrical equipment. Alex Marshall is covering our options re the electrical equipment.

Kathy Porter needs to know what hours we need to use the building. We decided we will not need the building from 8am to 10pm Saturday

and from 9am to 8pm Sunday. We need half a day Friday. Dealers can come in after 6pm Friday.

Howard Heinzman will be in charge of security. There will be guards from 6pm Friday to 7pm Sunday.

Kathy Porter is seeing about ribbons.

Jim Brownlie will line up exhibitor forms.

Dorothy Lyod, Stanley Marks, Dorothy Smith will be in charge of the tickets.

Joan Connors is in charge of the hospitaluty room.

Dave Miller is in charge of demonstrations.

Jan Taylor is also on the hospitality committee.

Ernie Michaud and John Gansen are on the set-up committee.

Probable admission charge will be \$2 for an adult, kids under 12 free (with an adult).

It was suggested that our show judges be given a lifetime (?) membership in the Guild. Some token of appreciation is needed.

Meeting adjourned.

BOARD MEETING(Dec.6,1980)

The Board was called to order at 10;40 by President Rice. Those present were Board members Bush, Miller, Murray, Myers, Rice and Westcott and Editor Hocking.

Motion by Dave Miller to correct the 10/25/80 minutes to read "are willing to serve on the Board for a three term if elected." Secunder Larry Murray. Approved.

Secretary Connor feels that the Guild needs a place to keep its important papers. President Rice says such a spot can be provided at the Mt. Clemens Recreation Center.

Ed Myers Said the Publicity Committee needs no separate budget because it is included in the show budget.

The proposed general rules for judging and exhibiting at our 1981 show were discussed at length. Ed Myers moved to accept the proposed rules to present to the body. Seconded by George Westcott. Approved.

Class designations for Classes 1 thru 8 will be preceded by the words "suggested entry level" i.e., Class #1 Suggested entry level Junior. Classes 9 thru 11 will be single level. Added Class 12:

Educational cases on the subject of faceting.

Judging as per AFMS Uniform Rules, Edition 5.

After discussion George Westcott moved the purchase of 1000 envelopes and stationery. Seconded by Dave Miller and approved.

The "In Memory of" book stickers were discussed and Ed Myers moved that the Guild purchase same. After a second by Dave Miller, the motion was tabled until after the show.

Dave Miller says we need a floor plan of the Dearborn facility so we can plan the electrical layout. He also stated that we should hold another raffle to raise money for our show. He offered to cut a star ruby as a prize. He suggested there be a drawing at the close of the show.

A special meeting of the Show Committee was suggested for 1/17/81.

George Westcott moved to adjourn, Joan Connor seconded and all approved.

signed- Joan Connor

MIDWEST FACETERS GUILD MEETING

Toledo, Ohio, 12/6/80

President Rice called the meeting to order at 1:40 pm.

President Rice gave explanations and apologies for the lateness of the newsletter. A confusion of mailing addresses was the reason. Articles, agendas, notices etc. should get to the editors before Feb. 1 if they are to be in the next newsletter.

Minutes of the 10/25/80 meeting were distributed to the body and time was allowed for reading them. Ed Myers moved to correct the minutes to read "will serve on the Board three years if elected" and to accept the minutes as amended. Seconded by Gib Hocking and approved.

Welcomes were extended to new members Viola Burke And Vivian De Groff and to guests Al Clair and Al Cunningham.

Ed Myers gave the Treasurer's report with minor corrections and said we have 174 members to date.

President Rice read the letter accepting the Guild as a member of The Midwest Federation. We paid dues for 140 members for 1981. Our increased membership means that we must pay more in order to be included in their directory. Copies of their directory can be obtained from them at a cost of \$1.50 the copy.

The new Board members were introduced. The officers will remain as for 1980.

Kathy Porter reported that the Show plans are coming along well. Many good people have volunteered. She said to take some of the "3 dollar bills" and put them where they will do the most good. We need displays. If you know of someone who makes jewelry using faceted stones and who would add to our show, please invite them to display. If you know of someone who might give a program, let us know. A volunteer is needed to chair up a raffle at the show. We need gifts for the raffle. We need someone to take charge of printing raffle

25

25

25

tickets and distributing them.

There is to be a special meeting of the Show Committee 1/17/81, 10am at the Mt. Clemens Rec. Center. If you have volunteered or want to, please be there with a summation of what you can do or what we can do for you.

Chairwoman Helen Murray reported that the Educational Committee had an excellent meetine this morning. The schedule of programs for our meetings was the main topic. We will be doing our own program at the Jackson meeting in March. We asked permission to be at the South Bend show. Who would want to go with us to the Salt Lake City American Federation Show (June 4-7)? Eight are planning to go so far. There were 41 of us at the Lincoln Show. MGAGS want us again for next year. Some of our ideas for future phograms are: the basic achines, problems and solutions, display techniques, what judges look at, semi-precious gems, Do you really want to facet?, how the different machines differ, orientation of stones, designing settings, setting stones, designing faceting cuts, and many more. Helen adds the request to bring in your case and plans for same to the next meeting.

Historian Patty Rice was not able to report at this meeting.

Editor Hocking says that material for inclusion in the next newsletter should be submitted before Feb.1, 1981.

Helen Murray requests that a special clip out application be included in the next newsletter as the dues are due in January. (It seems a bit late now, doesn't it?)

A letter from new member John Wagg was read. Thanks, John.

Kathy Porter gave the Ruies Committee report and read the rules changes recommended by the Board. She added that revisions can be worked in as needed. Ed Myers moved, and Alex Marshall seconded,

that the Guild accept the rules as recommended. Approved.

Thanks were extended to Ralph Whitney and the Rules Committee. We're off to a good start.

There was much discussion about cases but nothing was decided. The problem was tabled until the next meeting.

President Rice is ordering Guild Stationery.

The "In Memory of" bookplate notion was tabled until after the October show. A "home" file will be maintained at the Mt. Clemens Rec. Center. We are now affiliated with the Midwest Federation. Flyers on angles are on the front table, they are from Southern California.

Policy Decisions

1. No tailgating at our Show.
2. Our members can sell tickets at our meetings as long as they do not disrupt the meeting.

A Rules Committee Chairman is needed to replace Ralph Whitney. Will someone volunteer? Teresa Brownlie volunteered to help on the Rules Committee.

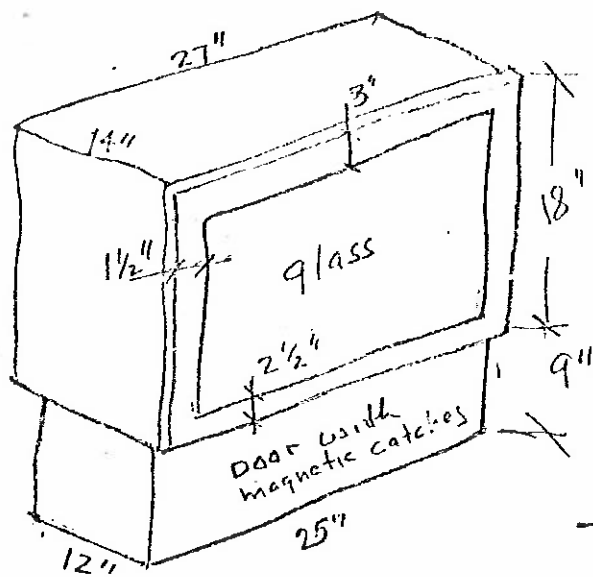
Door prizes of laser glass, a leaded glass angel, a calipers and plastic scales were distributed to the lucky winners.

A motion to adjourn was made, seconded and was carried.

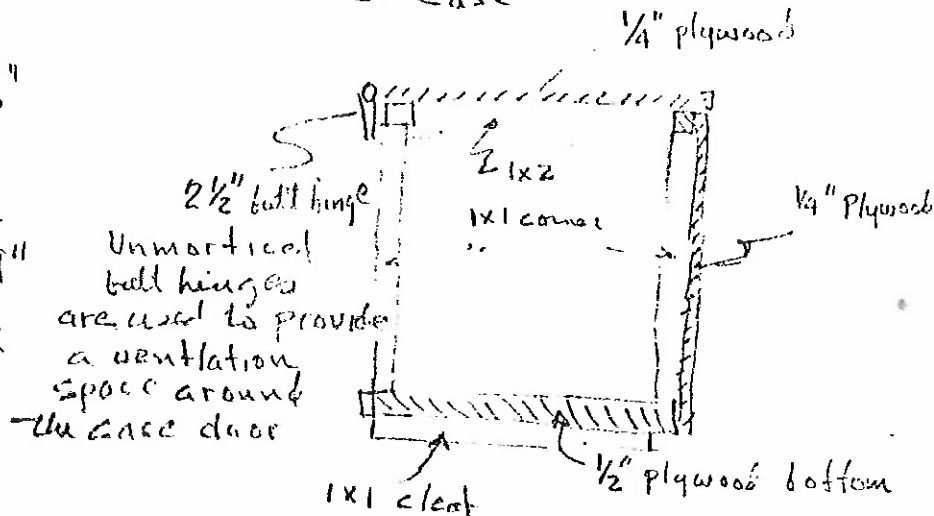
signed- Joan Connor

CONSTRUCTION PLANS

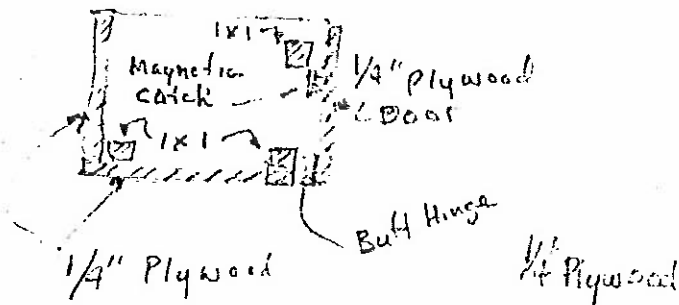
On the next few pages you'll find plans for a display case as drawn up by Dave Miller and for a polarizer as presented by Ernie Michaud. No written material accompanied these plans so we cannot add to them any instructions. Talk to the designers themselves!



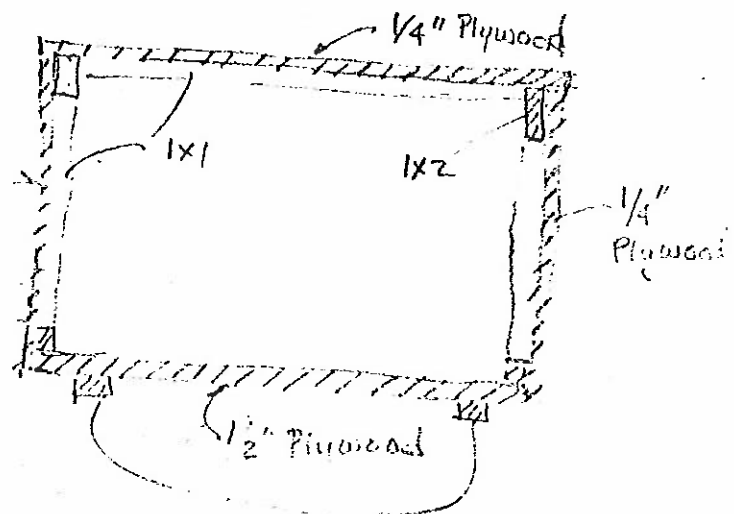
Cross Section of Case



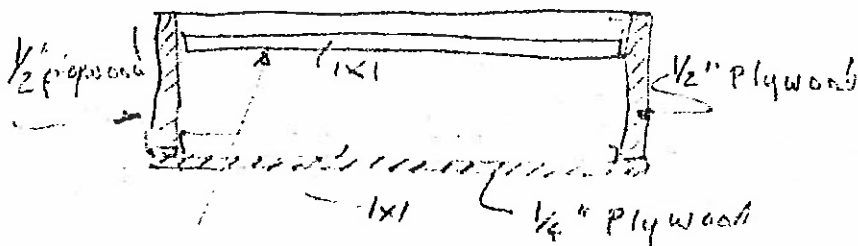
Cross Section of Storage Box



Longitudinal Cross Section



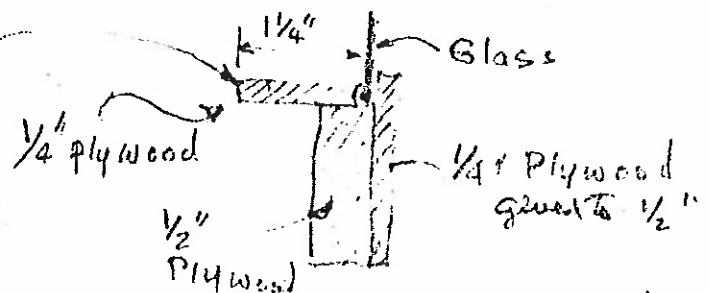
Longitudinal Cross Section



Cleats to partition case on storage box

This 1x1 is about 3/4" below the top of the box to provide space for the hanger hook on the case

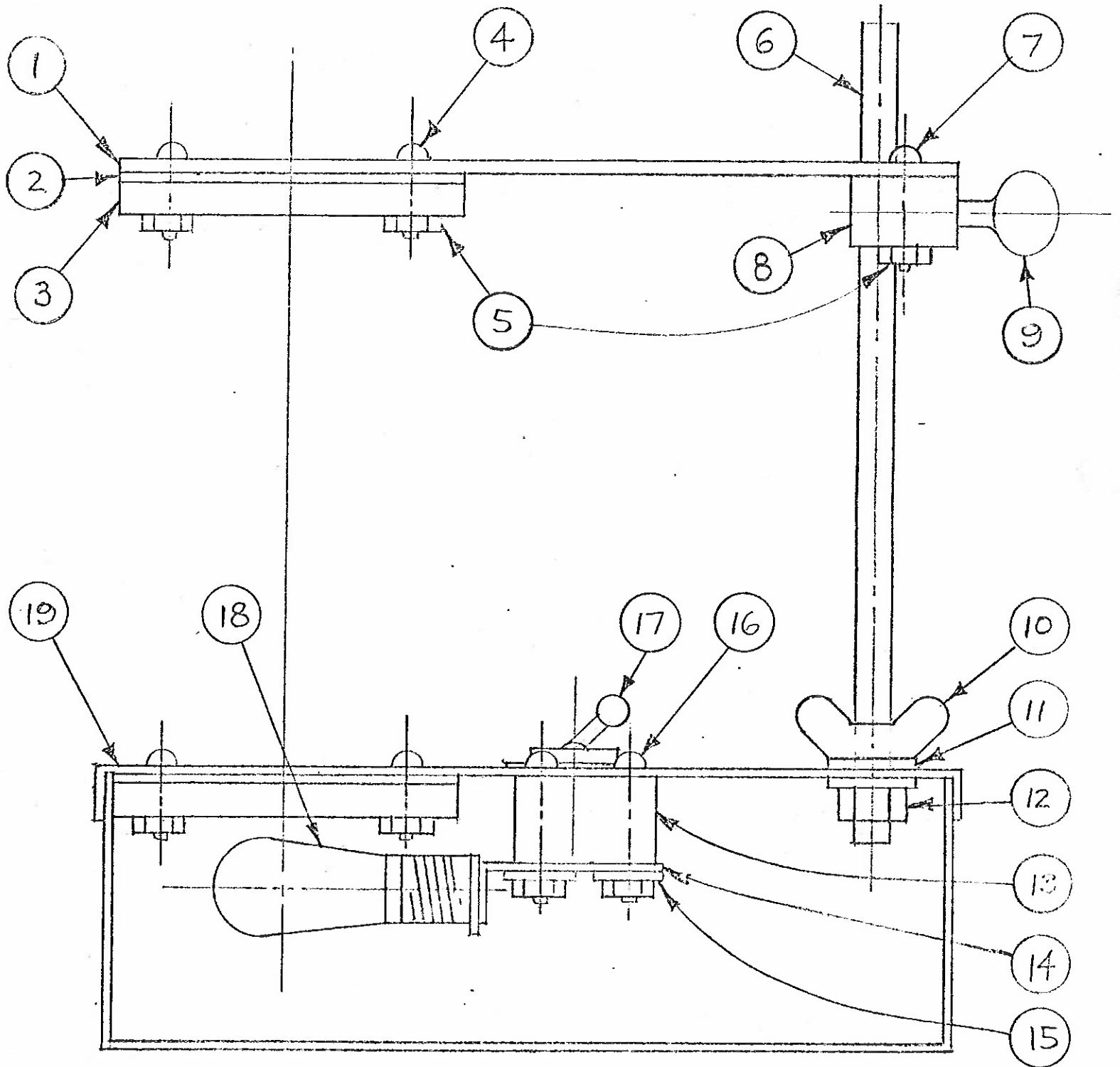
Cross Section of Window Frame



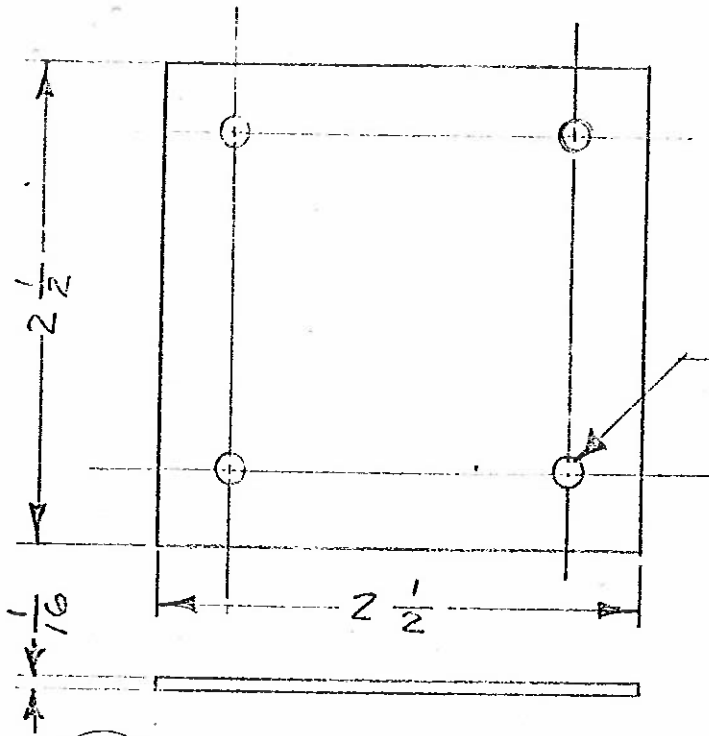
This plywood cleat telescopes into the interior finish to provide a neat appearance

The effect is a butt, weather joint

at the corners butt joints are used with 1/2" plywood, but in one direction



POLARISCOPE



$\frac{9}{64}$ DIAM. DRILL 4 HOLES
LOC. FROM DET. 1

2

PLASTIC POLARIZING
FILM - 2 REQ'D
EDMUND SCIENTIFIC
CO. OR EQUIVALENT

LIST OF MATERIALS

19

DETAIL	DESCRIPTION	REQUIRED
4	#6-32 X $\frac{3}{4}$ LONG ROUND HEAD MACHINE SCREW	2
5	#6-32 HEX NUT	12
6	$\frac{1}{4}$ DIA. X 6 LONG - THREAD $\frac{1}{4}$ -20 X 1 LONG-1 END	1
7	#6-32 X $\frac{3}{4}$ LONG ROUND HEAD MACHINE SCREW	2
9	#6-32 X $\frac{3}{4}$ LONG WING BOLT	1
10	$\frac{1}{4}$ -20 WING NUT	1
11	$\frac{1}{4}$ I.D. WASHER	2
12	$\frac{1}{4}$ -20 HEX NUT	1
14	UNIVERSAL BRACKET, CANDELABRA BASE PILOT LIGHT SOCKET <u>SOURCE</u> CALECTRO GC ELECTRONICS DIV. OF HYDROMETALS, ROCKFORD, ILLINOIS, 61101	1
15	WASHER FOR #6-32 MACHINE SCREW DET. 16	2
16	#6-32 X 1 LONG ROUND HEAD MACHINE SCREW	2
17	6A-125V. ON-OFF SWITCH OR EQUIVALENT	1
18	6W-120V. LAMP SYLVANIA OR EQUIVALENT	1
19	ELECTRONICS UTILITY BOX 2 X $3\frac{1}{2}$ X $6\frac{1}{4}$ OR EQUIV	1
20	18-3 ELECT. CORD	1

NOTE: DETAIL 19 REQUIRES HOLES FOR THE FOLLOWING:

- $1\frac{3}{4}$ DIA. FOR LIGHT THROUGH POLAROID.
- POLAROID MOUNTING SCREWS.
- $\frac{1}{4}$ DIA. FOR DETAIL 6.
- HOLES FOR DET. 13, DET. 17 & DET. 20.

