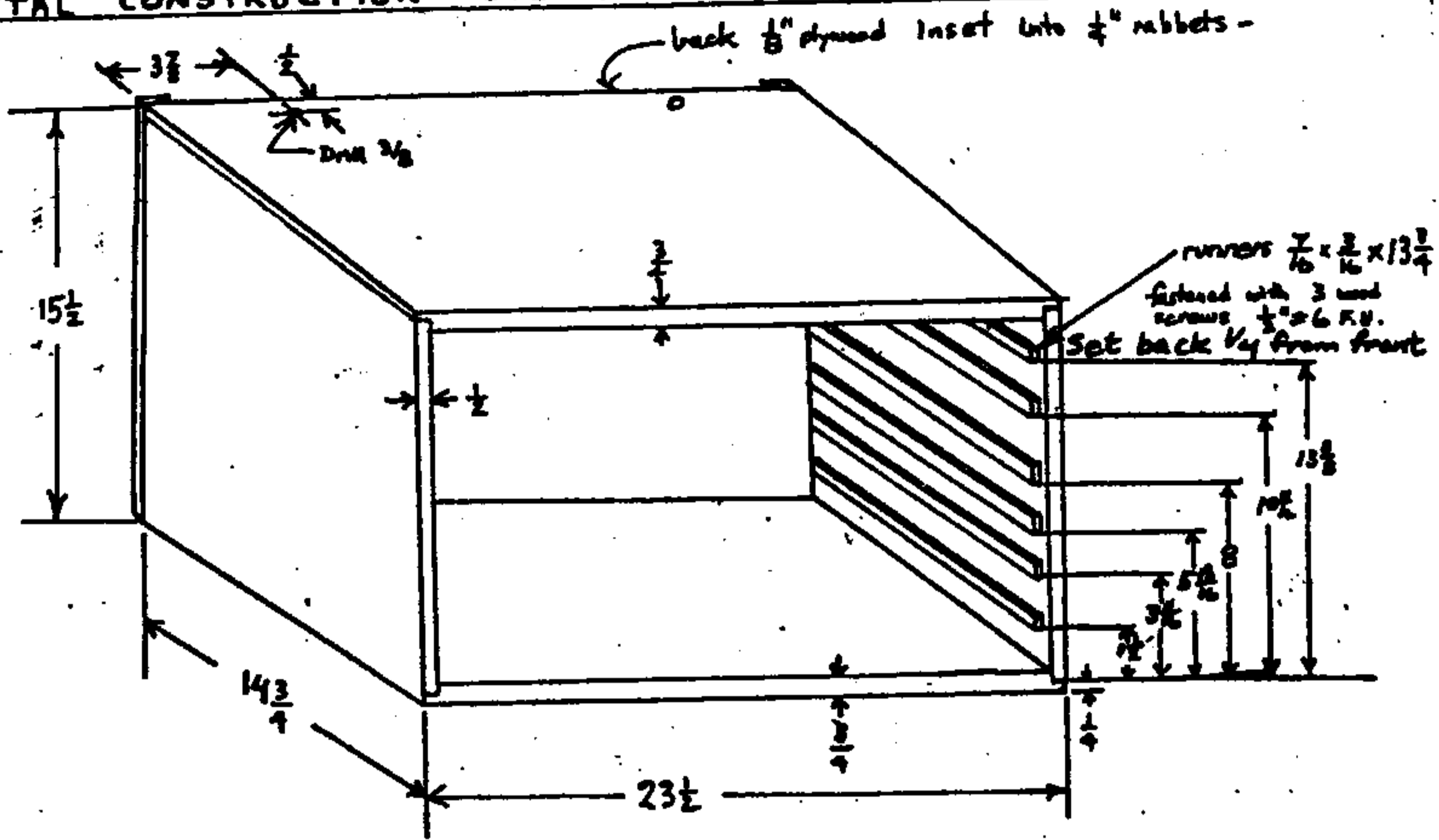
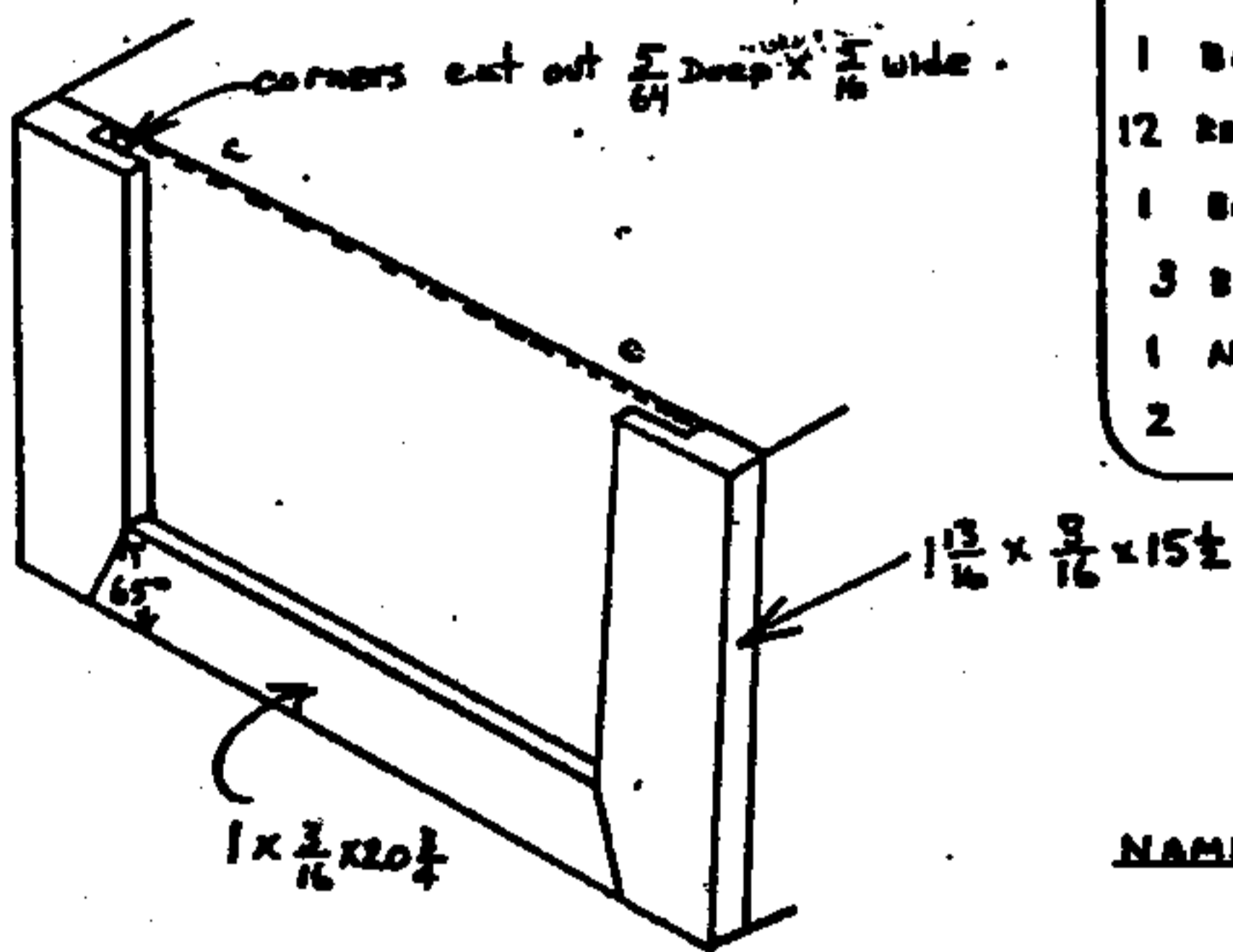


METAL CONSTRUCTION SYSTEM STORAGE CABINET. DWG #1



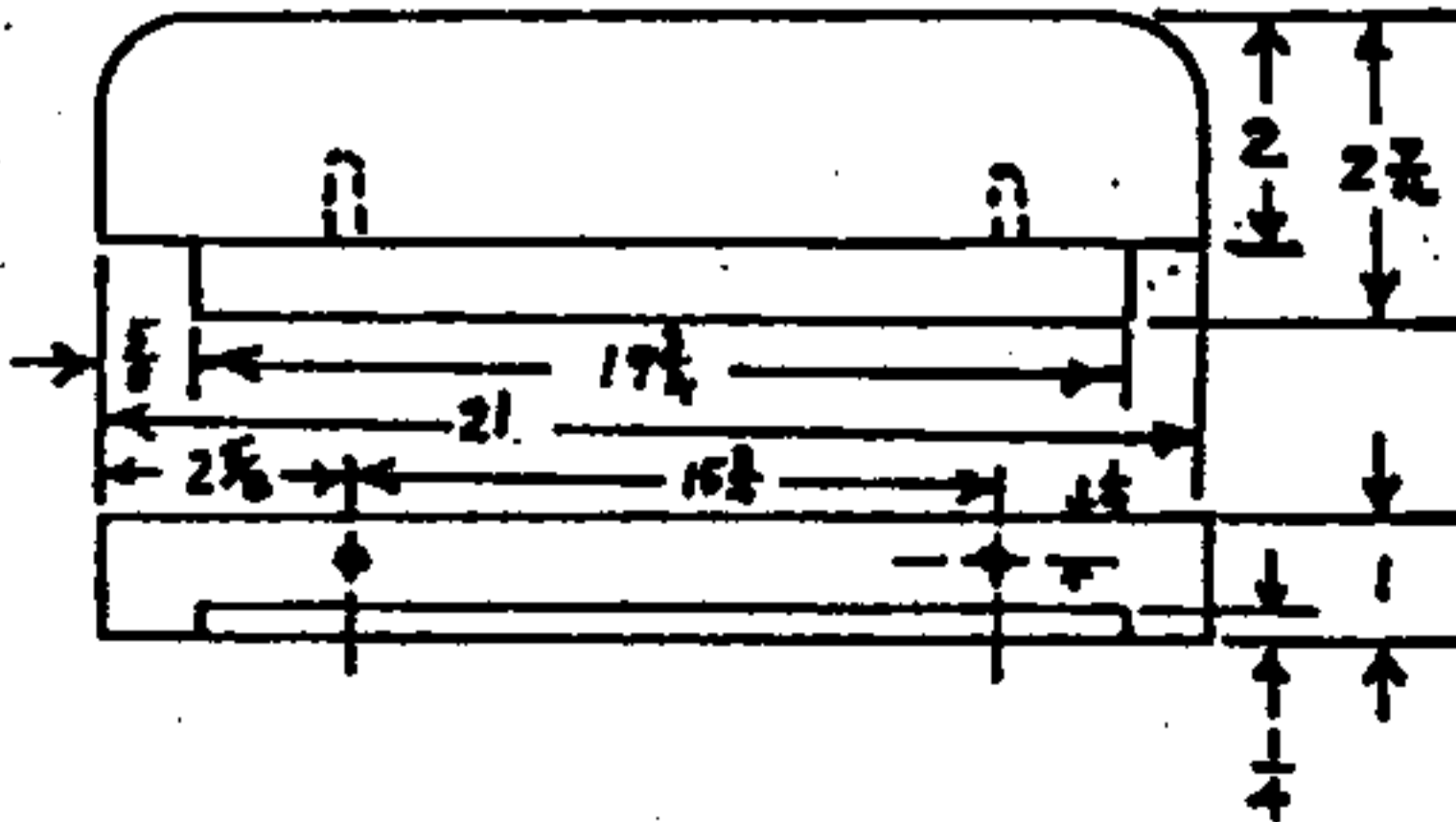
BACK DETAILS



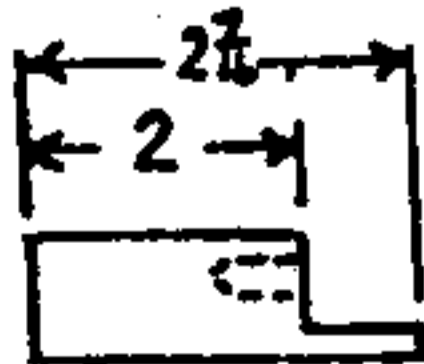
MATERIALS LIST

- 1 TOP 3/4" HARDWOOD PLYWOOD.. (BIRCH)
- 2 SIDES 1/2" " " "
- 1 BACK 1/8" " "
- 12 RUNNERS 7/16 x 3/16 x 13 3/4 HARDWOOD (MAPLE)
- 1 BOTTOM 3/4" PLYWOOD.
- 3 BACK "HIGH HOLDERS" 3/16 BIRCH OR MAPLE
- 1 NAME HOLDER 1" MAPLE
- 2 DOWELS 3/8" x 1 1/4"

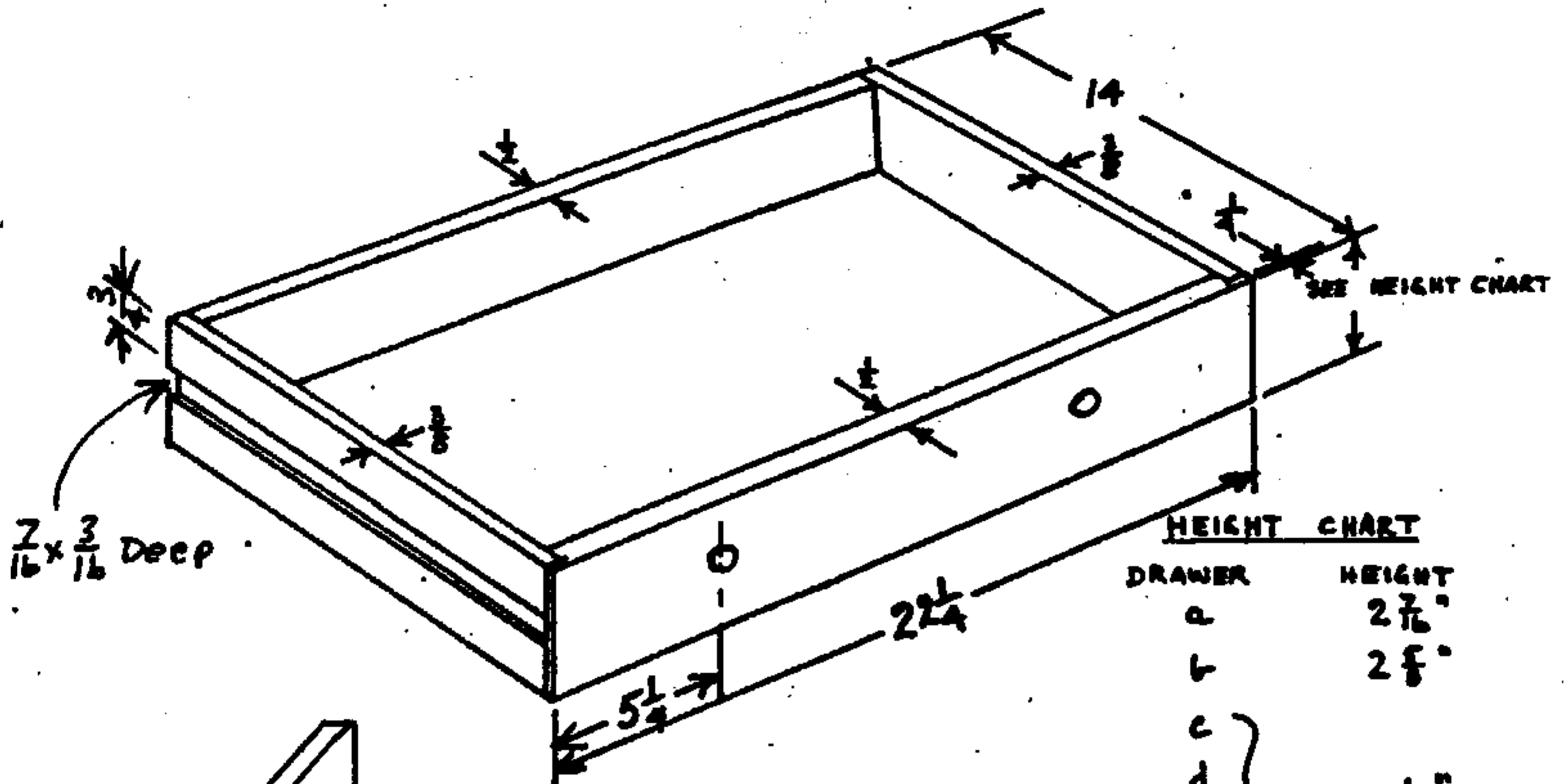
NAME HOLDER DETAILS



H. LaCivie Nov '82  
Accuracy required  
± 1/32"

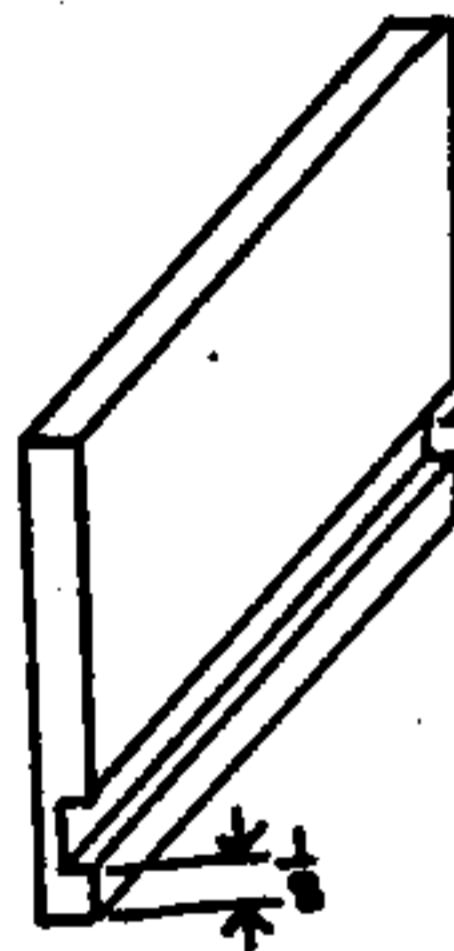


METAL CONSTRUCTION SYSTEM STORAGE CABINET DWG # 2  
DRAWER DETAILS.



HEIGHT CHART

DRAWER	HEIGHT
a	2 7/16"
b	2 5/8"
c	} 2 1/8"
d	
e	
f	

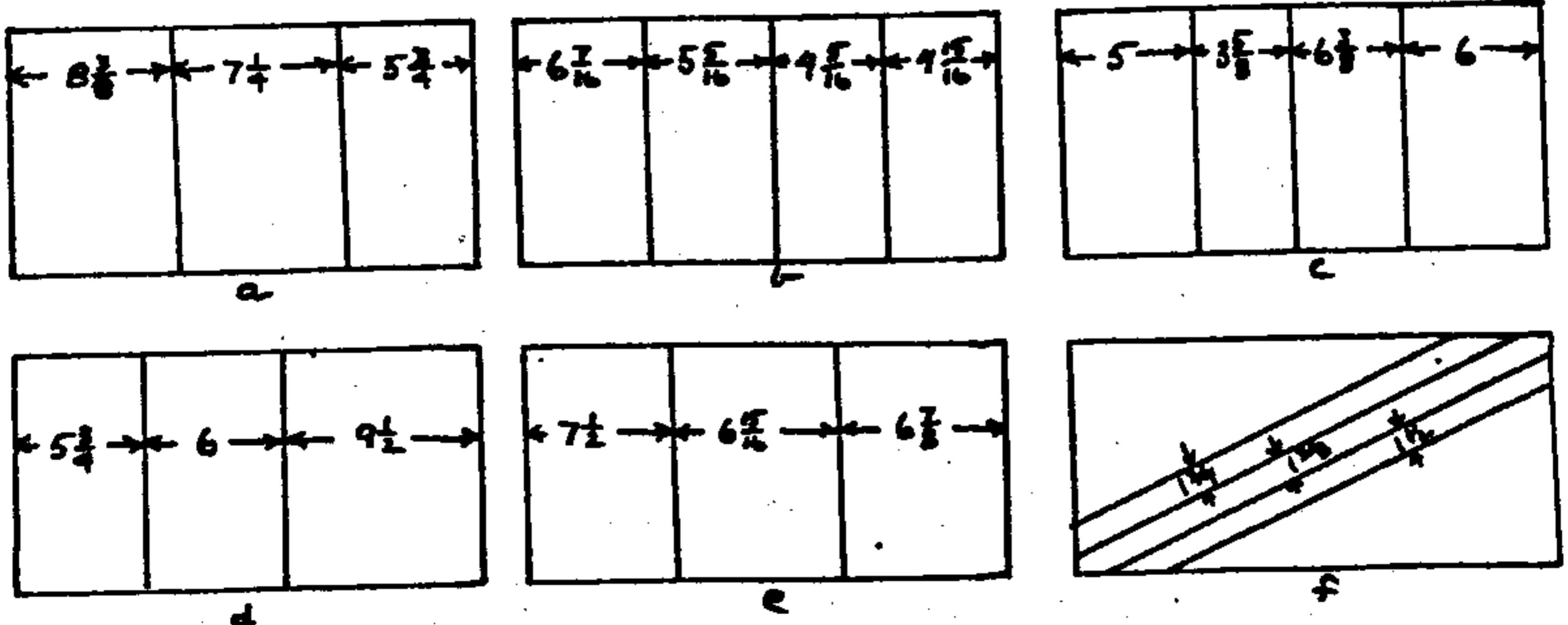


Dado on all bottom insides of drawers -  $\frac{1}{8} \times \frac{1}{8}$

**MATERIALS:**  
 SIDES, FRONT + BACK - MAPLE  
 BOTTOM  $\frac{1}{8}$ " BIRCH PLYWOOD.  
 INSERTS  $\frac{1}{4}$ " PLYWOOD BIRCH IF AVAILABLE  
 FIR IF NOTHING ELSE -

DRAWER INSERT DETAILS

NOTE: ALL DRAWERS ARE SET INTO  $\frac{1}{4}$ " DADOS.  
ALL DIMENSIONS ARE BETWEEN PARTITIONS



# MECCANO PARTS STORAGE CABINET

D	C	Part No.	DESCRIPTION
A	1	1	Perforated Strip, 12 $\frac{1}{2}$ " long
A	1	1a	" " 9" "
A	1	1b	" " 7" "
A	1	2	" " 5" "
A	1	2a	" " 4" "
A	1	3	" " 3" "
A	1	4	" " 3" "
A	1	5	" " 2" "
A	1	6	" " 2" "
A	1	6a	" " 1" "
A	1	8	Angle Girder 12" "
A	1	8a	" " 9" "
A	1	8b	" " 7" "
A	1	9	" " 5" "
A	1	9a	" " 4" "
A	1	9b	" " 3" "
A	1	9c	" " 3" "
A	1	9d	" " 2" "
A	1	9e	" " 2" "
A	1	9f	" " 1" "
A	2	10	Fishplate
A	2	11	Double Bracket
A	2	11a	Double Bracket 1" x $\frac{1}{2}$ "
A	2	12	Angle Bracket 1" x $\frac{1}{2}$ "
A	2	12a	" " 1" x $\frac{1}{2}$ "
A	2	12b	" " 1" x $\frac{1}{2}$ "
A	2	12c	Obtuse Angle Bracket, $\frac{1}{2}$ " x $\frac{1}{2}$ "
A	2	13	Axle Rod, 11 $\frac{1}{2}$ " long
A	2	13a	" " 8" "
A	2	14	" " 6" "
A	2	14a	" " 5" "
A	2	15	" " 5" "
A	2	15a	" " 4" "
A	2	15b	" " 4" "
A	2	16	" " 3" "
A	2	16a	" " 2" "
A	2	16b	" " 3" "
A	2	17	" " 2" "
A	2	18a	" " 1" "
A	2	18b	" " 1" "
A	3	19g	Crank Handle 3 $\frac{1}{2}$ " shaft, with grip
A	3	19h	" " 5" " " without grip
A	3	19s	" " 3" " " without grip
A	3	20	Flanged Wheel, 1 $\frac{1}{2}$ " dia.

D	C	Part No.	DESCRIPTION
A	3	20b	Flanged Wheel, $\frac{3}{4}$ " dia.
A	2	19b	Pulley, 3" dia., with boss and screw
A	3	19c	" 6" " " " " "
A	3	20a	" 2" " " " " "
A	3	21	" 1 $\frac{1}{2}$ " " " " " "
A	3	22	" 1" " " " " "
A	3	22a	" 1" " without boss
A	3	23	" " " " " "
A	3	23a	" " " with boss and screw
A	3	24	Bush Wheel, 1 $\frac{1}{2}$ " dia. 8 holes
A	3	24a	Wheel Disc, 1 $\frac{1}{2}$ " dia. 8 holes, without boss
A	3	24b	Bush Wheel, 1 $\frac{1}{2}$ " dia. 6 holes
A	3	24c	Wheel Disc, 1 $\frac{1}{2}$ " dia. 6 holes, without boss
A	3	25	Pinion, $\frac{1}{2}$ " dia. $\frac{1}{2}$ " face, 25 teeth
B	1	25a	" " " 25 " "
B	1	25b	" " " 25 " "
B	1	26	" " " 19 " "
B	1	26a	" " " 19 " "
B	1	26b	" " " 19 " "
B	1	26c	" " " 15 " "
B	1	27	Gear Wheel, 1" dia. 50 teeth
B	1	27a	" " 1" " 57 " "
B	1	27b	" " 3" " 133 " "
B	1	27c	" " 2" " 95 " "
B	1	27d	" " 1" " 60 " "
B	1	28	Contrate Wheel, 1 $\frac{1}{2}$ " dia. 50 teeth
B	1	29	" " " 25 " "
B	1	30	Bevel Gear, $\frac{3}{4}$ " dia. 26 teeth (for use in pairs)
B	1	30a	" " " 16 " " Can only be used together
B	1	30c	" " " 48 " " " "
B	2	31	Gear Wheel, 1" dia. $\frac{1}{2}$ " face, 38 teeth
B	2	32	Worm, $\frac{1}{2}$ " dia.
B	2	35	Spring Clip
B	2	36	Screwdriver
B	2	36a	" " (longer)
B	2	37	Nut and Bolt $\frac{1}{16}$ "
B	2	37a	Nut
B	2	37b	Bolt $\frac{1}{16}$ "
B	2	38	Washer
B	2	38d	Washer, $\frac{1}{8}$ "
B	3	40	Hank of Cord
B	3	41	Propeller Blade

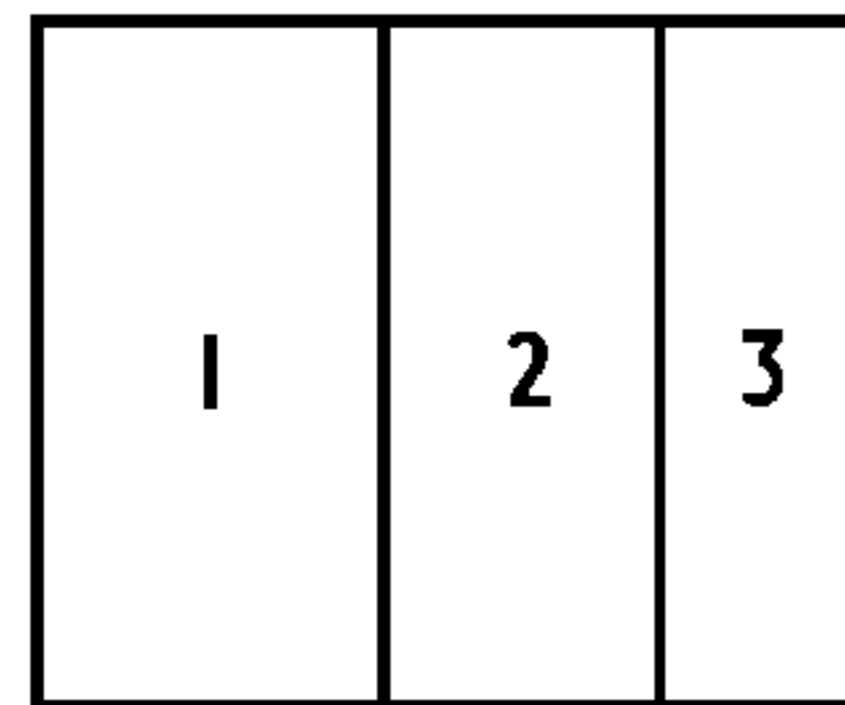
D	C	Part No.	DESCRIPTION
B	3	43	Tension Spring, 2" long
B	3	44	Bent Strip, stepped
B	3	45	Double Bent Strip
B	3	46	Double Angle Strip, 2 $\frac{1}{2}$ " x 1"
B	3	47	" " " 2 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "
B	3	47a	" " " 3" x 1 $\frac{1}{2}$ "
B	3	48	" " " 1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "
B	4	48a	" " " 2" x 1 $\frac{1}{2}$ "
B	4	48b	" " " 3" x 1 $\frac{1}{2}$ "
B	4	48c	" " " 4" x 1 $\frac{1}{2}$ "
B	4	48d	" " " 5" x 1 $\frac{1}{2}$ "
B	4	50	Slide Piece
B	4	51	Flanged Plate, 2 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "
B	4	52	" " " 5 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "
B	4	52a	Flat Plate, 5 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ "
B	4	53	Flanged Plate, 3 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "
B	4	53a	Flat Plate, 4 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "
B	4	54	Flanged Sector Plate, 4 $\frac{1}{2}$ " long
C	2	55	Perforated Strip, slotted, 5 $\frac{1}{2}$ " long
C	1	55a	" " " 2" "
C	1	57b	Hook, loaded, large
C	1	57c	" " " small
C	1	59	Collar, with screw
C	1	62	Crank
C	1	62a	Threaded Crank
C	1	62b	Double Arm Crank
C	1	63	Coupling
C	1	63b	Strip Coupling
C	1	63c	Threaded Coupling
C	1	63d	Short Coupling
C	2	64	Threaded Boss
C	2	69	Set Screw, $\frac{1}{16}$ "
C	2	69a	Grub Screw, $\frac{1}{16}$ "
C	2	69b	" " " $\frac{1}{8}$ "
C	2	69c	" " " $\frac{1}{4}$ "
C	4	70	Flat Plate, 5 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "
C	4	72	" " 2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "
C	3	73	Flat Plate, 3" x 1 $\frac{1}{2}$ "
C	3	74	Flat Plate, 1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "
C	3	77	Triangular Plate, 1"
C	3	78	Screwed Rod, 11 $\frac{1}{2}$ " long
C	3	79	" " 8" "

D	C	Part No.	DESCRIPTION
C	3	79a	Screwed Rod, 6" long
C	3	80	" " 5" "
C	3	80a	" " 3 $\frac{1}{2}$ " "
C	3	80b	" " 4 $\frac{1}{2}$ " "
C	3	80c	" " 3" "
C	3	81	" " 2" "
C	3	82	" " 1" "
C	3	89	Curved Strip, 5 $\frac{1}{2}$ ", (10" radius)
C	3	89a	" " stepped, 3" (1 $\frac{1}{2}$ " radius)
C	3	89b	" " stepped, 4" (4" radius)
C	3	90	" " 2 $\frac{1}{2}$ " (2 $\frac{1}{2}$ " radius)
C	3	90a	" " stepped, 2 $\frac{1}{2}$ " (1 $\frac{1}{2}$ " radius)
C	3	94	Sprocket Chain, 40" length
C	3	95	Sprocket Wheel, 2" dia. 36 teeth
C	3	95a	" " 1 $\frac{1}{2}$ " " 28 "
C	1	95b	" " 3" " 56 "
C	3	96	" " 1" " 18 "
C	3	96a	" " 2" " 14 "
C	4	97	Braced Girder, 3 $\frac{1}{2}$ " long
C	3	99	" " 12 $\frac{1}{2}$ " "
C	4	99a	" " 9" "
C	4	99b	" " 7" "
C	4	100	" " 5 $\frac{1}{2}$ " "
C	4	102	Single Bent Strip
C	4	103	Flat Girder, 5 $\frac{1}{2}$ " long
C	4	103a	" " 9" "
C	1	103b	" " 12" "
C	1	103c	" " 4" "
C	1	103d	" " 3" "
C	1	103e	" " 3" "
C	1	103f	" " 2" "
C	1	103g	" " 2" "
C	1	103h	" " 1" "
C	1	103k	" " 7" "
C	1	108	Corner Gusset
C	1	109	Face Plate, 2 $\frac{1}{2}$ " dia.
C	1	110	Rack Strip, 3 $\frac{1}{2}$ " long
C	1	110a	" " 6" "
C	1	111	Bolt
C	1	111a	" "
C	2	111c	" "
C	2	111d	" "
C	2	113	Girder Frame
C	2	114	Hinge

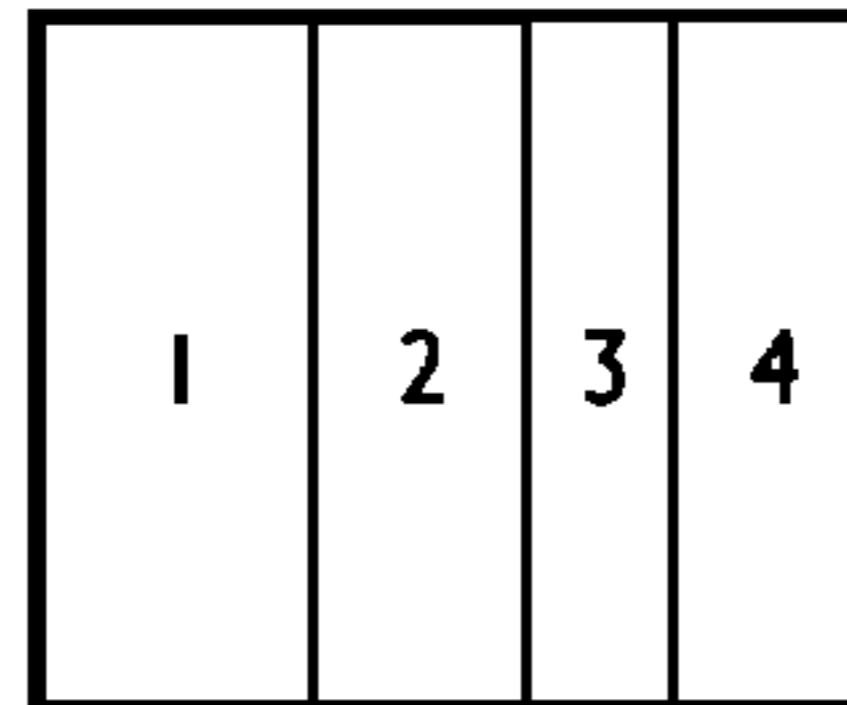
D — Drawer C — Compartment

KEEP THIS CARD IN A DRAWER OF THE CABINET. SEE OVER FOR HANDY REFERENCE.

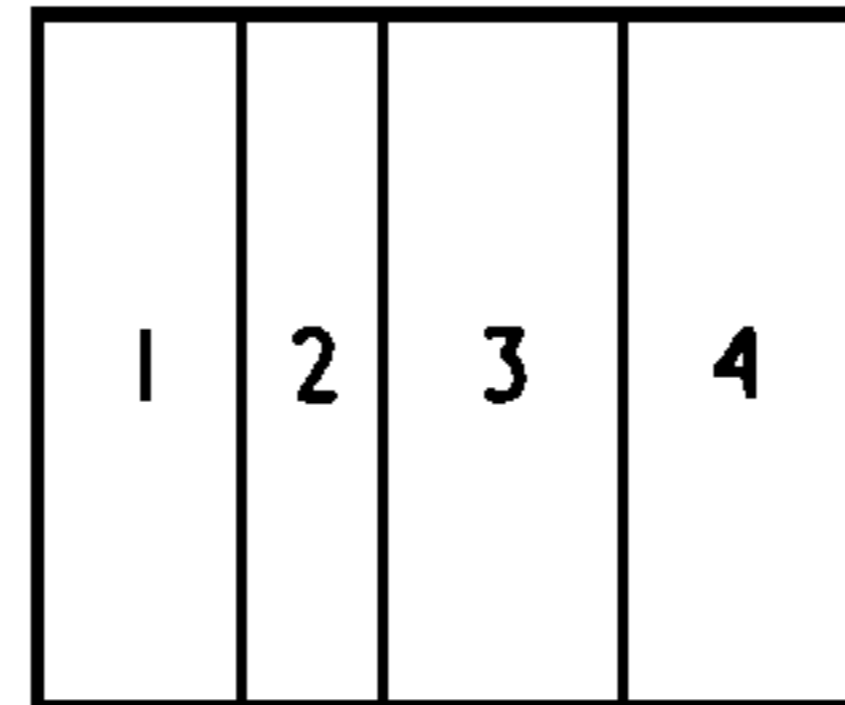
D	C	Part No.	DESCRIPTION	D	C	Part No.	DESCRIPTION	D	C	Part No.	DESCRIPTION	D	C	Part No.	DESCRIPTION
D	2	115	Threaded Pin	D	2	146	Circular Plate, 6" dia. overall	E	3	180	Gear Ring, 3½" dia. (133 ext. teeth, 95 int.)	F	1	197	Strip Plates 12½" x 2½"
D	2	115a	Threaded Pin, Long	D	2	146a	" " " " " "	E	3	185	Steering Wheel, 1½" dia.	F	1	198	Hinged Flat Plate 4½" x 2½"
D	2	116	Fork Piece, large	D	2	147	Pawl with Pivot Bolt and Nuts	E	3	185a	Steering Wheel, 2½" dia.	F	1	199	Curved Plate, U-Section, 2½" x 2½", ¼" radius
D	2	116a	" " small	D	2	147a	Pawl	B	2	187	Road Wheel, 2½" dia.	F	1	200	Curved Plate, 2½" x 2½", 1¼" radius
D	3	118	Hub Disc, 5½" dia.	D	2	147b	Pivot Bolt, with two nuts	F	1	187a	Conical Disc, 1½" dia.	F	2	201	Flexible Gusset Plate 2½" x 2½"
D	2	120b	Compression Spring, ⅞" long	D	2	147c	Pawl, without boss	E	2	187b	Road Wheel, 4½" dia.	F	1	212	Rod and Strip Connector
D	2	123	Cone Pulley, 1½", 1" and ¾" dia.	E	3	148	Ratchet Wheel	F	1	188	Flexible Plate, 2½" x 1½"	F	1	212a	" " " " Right Angle
D	2	124	Reversed Angle Bracket, 1"	E	3	151	Single Pulley Block	F	1	189	" " 5" x 1"	F	1	213	Rod Connector
D	2	125	" " " ½"	E	3	154a	Corner Angle Bracket, ⅞" (right-hand)	F	1	190	" " 2½" x 2"	F	1	213a	Three-way Rod Connector
D	2	126	Trunnion " " "	E	3	154b	Corner Angle Bracket, ⅞" (left-hand)	F	1	190a	" " 3½" x 2"	F	1	213b	Three-way Rod Connector with boss
D	2	126a	Flat Trunnion	E	3	155	Rubber Ring (for 1" Pulley)	F	1	191	" " 4" x 2"	F	1	214	Semi-circular Plate, 2½"
D	2	128	Bell Crank, with boss	E	3	157	Fan, 2" dia.	F	1	192	" " 5" x 2"	F	2	215	Formed Slotted Strip, 3"
D	2	130	Eccentric, triple throw, ½", ¼", ¼"	E	3	160	Channel Bearing, 1½" x 1" x ½"	F	1	193	Plastic Plate, 2½" x 1" (Transparent)	F	2	221	Triangular Flexible Plate, 2½" x 1½"
D	2	130a	" " single throw, ½"	E	3	161	Girder Bracket, 2" x 1" x ½"	E	1	193a	" " 2½" x 2"	F	2	222	" " " " 2½" x 2"
D	2	133a	Corner Bracket, 1"	B	2	162	Boiler, complete, 5" long and 2½" dia.	E	1	193b	" " 3½" x 2"	F	2	223	" " " " 2½" x 2"
D	2	134	Crank Shaft, 1" stroke	E	3	162a	Boiler End, 2½" dia. x ½"	E	1	193c	" " 4" x 2"	F	2	224	" " " " 3½" x 1½"
D	2	136	Handrail Support	E	3	163	Sleeve Piece, 1½" long x 1½" dia.	E	1	193d	" " 5" x 1"	F	2	225	" " " " 3½" x 2"
D	2	136a	" " Coupling	E	3	164	Chimney Adaptor, ½" dia. x ½" high	E	1	193e	" " 5" x 2"	F	2	226	" " " " 3½" x 2½"
D	2	137	Wheel Flange	E	3	165	Swivel Bearing	E	1	194	" " 2½" x 1" (Red)	F	2	230	4" Rod with Keyway
D	2	139	Flanged Bracket (right)	E	3	166	End Bearing	E	1	194a	" " 2½" x 2"	F	2	231	Key Bolt
D	2	139a	" " (left)	E	3	168	Ball Thrust Bearing, 4" dia.	E	1	194b	" " 3½" x 2"	A	1	235	Narrow Strip 2½" x 1½"
D	2	140	Universal Coupling	E	3	168d	Ball, ½" dia.	E	1	194c	" " 4" x 2"	A	1	235a	" " 3" x 1½"
D	2	142a	Motor Tyre (to fit 2" dia. rim)	E	3	171	Socket Coupling	E	1	194d	" " 5" x 1"	A	1	235b	" " 3½" x 1½"
D	2	142b	" " " " 3" " "	E	3	173a	Adaptor for Screwed Rod	E	1	194e	" " 5" x 2"	A	1	235d	" " 4½" x 1½"
D	2	142d	" " " " 1½" " "	E	3	175	Flexible Coupling Unit	F	2	195	Strip Plates, 7" x 2"	A	1	235f	" " 5½" x 1½"
D	2	143	Circular Girder, 5½" dia.	E	3	176	Anchoring Spring for Cord	F	1	196	" " 9" x 2"	A	1		
D	2	145	Circular Strip, 7½" dia. overall	E	3	179	Rod Socket								



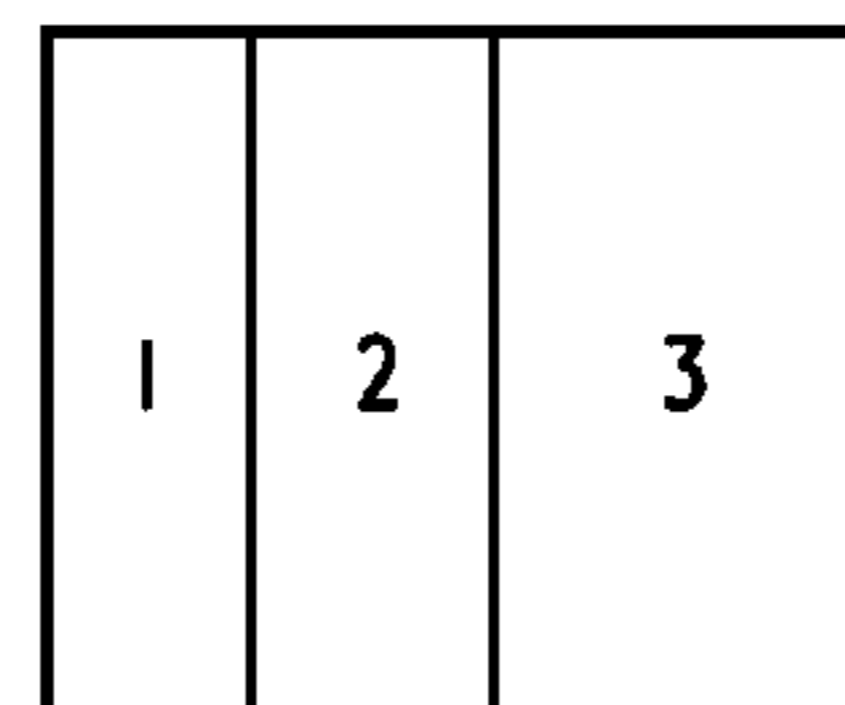
A (Top)



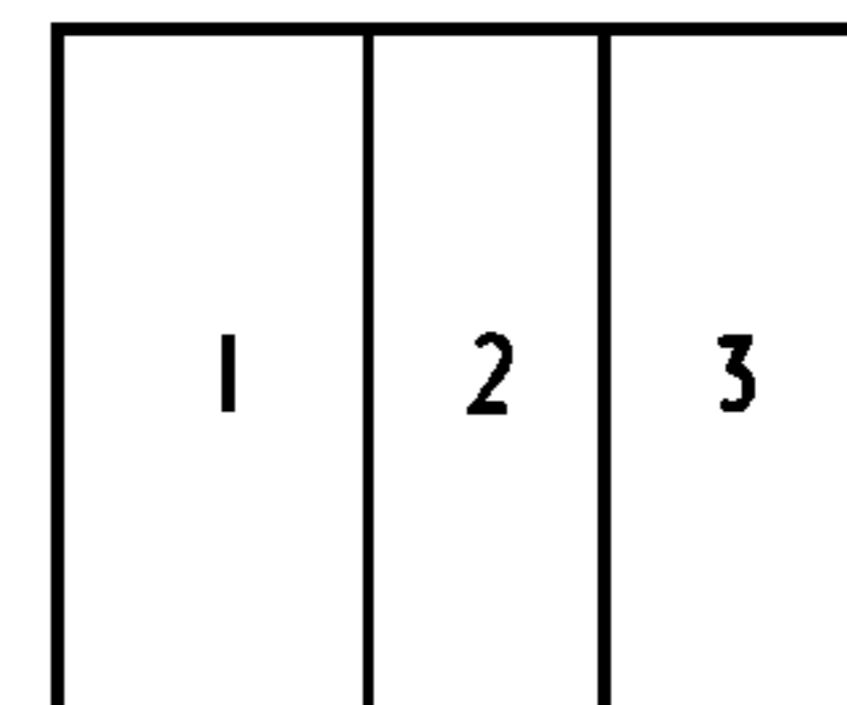
B



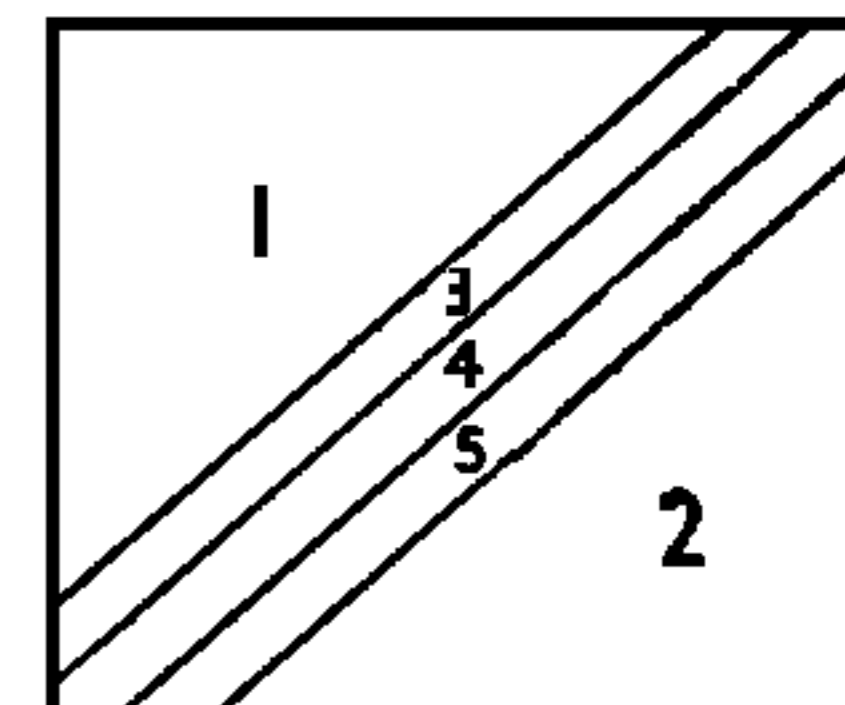
C



D



E



F (Bottom)