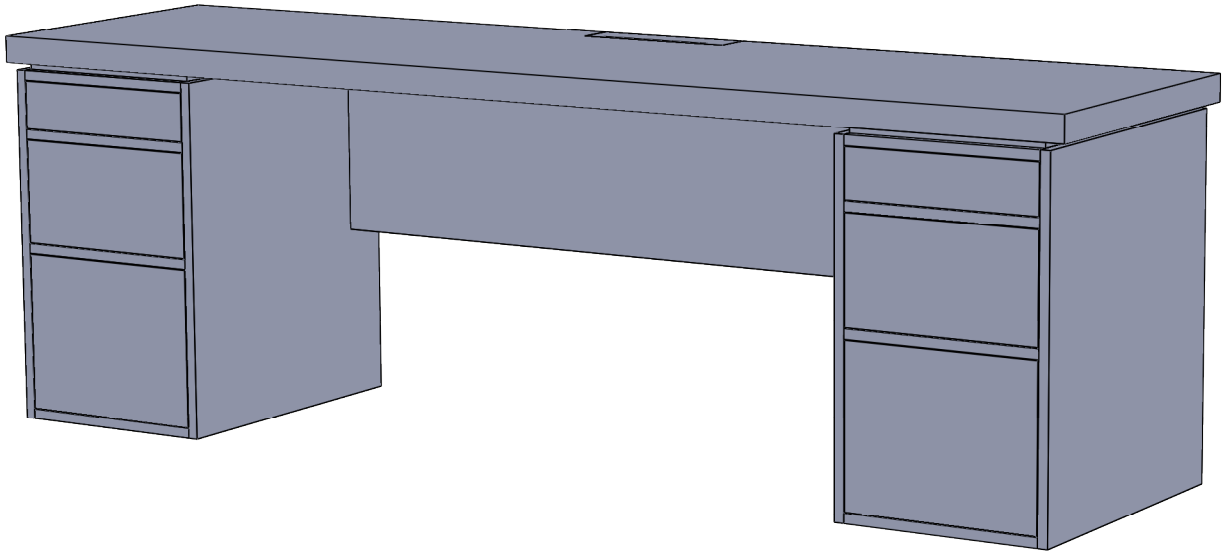



TABLE OF CONTENTS	
SHT NO.	DESCRIPTION
1	COVER PAGE
2	OVERALL DIMENSIONS
3	CABINET PARTS
4	CABINET ASSEMBLY
5	BACK PANEL & POWER SUPPLY SUPPORT
6	BASE ASSEMBLY
7	DRAWER BOXES
8	INSTALL DRAWERS
9	DESK TOP
10	HIDDEN POWER SUPPLY ACCESS DETAILS
11	SHEET GOODS LAYOUT, CABINET PARTS
12	SHEET GOODS LAYOUT, DRAWER BOX PARTS
13	POWER SUPPLY 1:1 TEMPLATE (SUPPORT & HINGE CUT OUT)
14	POWER SUPPLY 1:1 TEMPLATE (TOP CUT OUT)



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mike@woodshopmike.com

HOME OFFICE DESK WITH HIDDEN POWER SUPPLY

MATERIALS	
ITEM	QTY
3/4" PLYWOOD, 4'X8'	2
1/2" PLYWOOD, 4'X8'	1
1/4" PLYWOOD, 4'X8'	1
HARDWOOD OF CHOICE 4/4	~20bf
20" UNDERMOUNT DRAWER SLIDES	6 SETS
1-1/4" POCKET HOLE SCREW	<100
2-1/2" POCKET HOLE SCREW	8
1" MICRO POCKET HOLE SCREW	<100
1" FLAT HEAD SCREWS	20
GLUE	32oz
GENERAL FINISHES, HIGH PERFORMANCE TOP COAT	1 qt
GENERAL FINISHES, STAIN BLOCKER PRIMER	1 qt
GENERAL FINISHES, ENDURO WHITE POLY	1 qt
DRAWER PULLS	6
SMALL HINGES	2
POWER STRIP	1



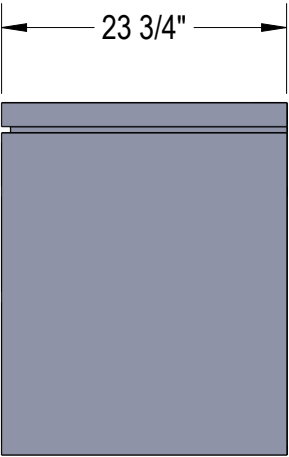
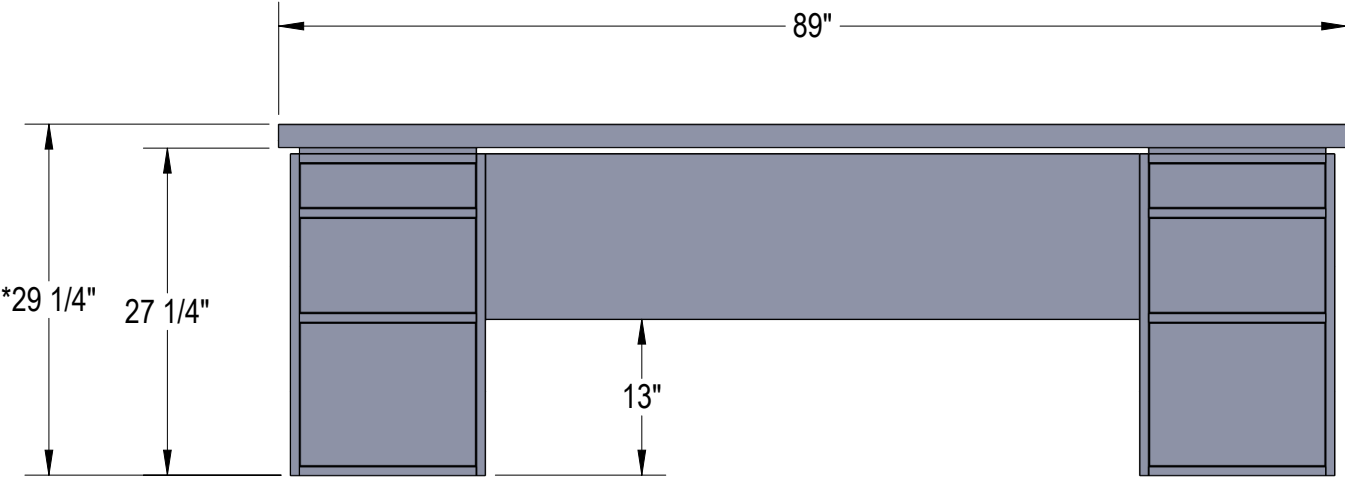
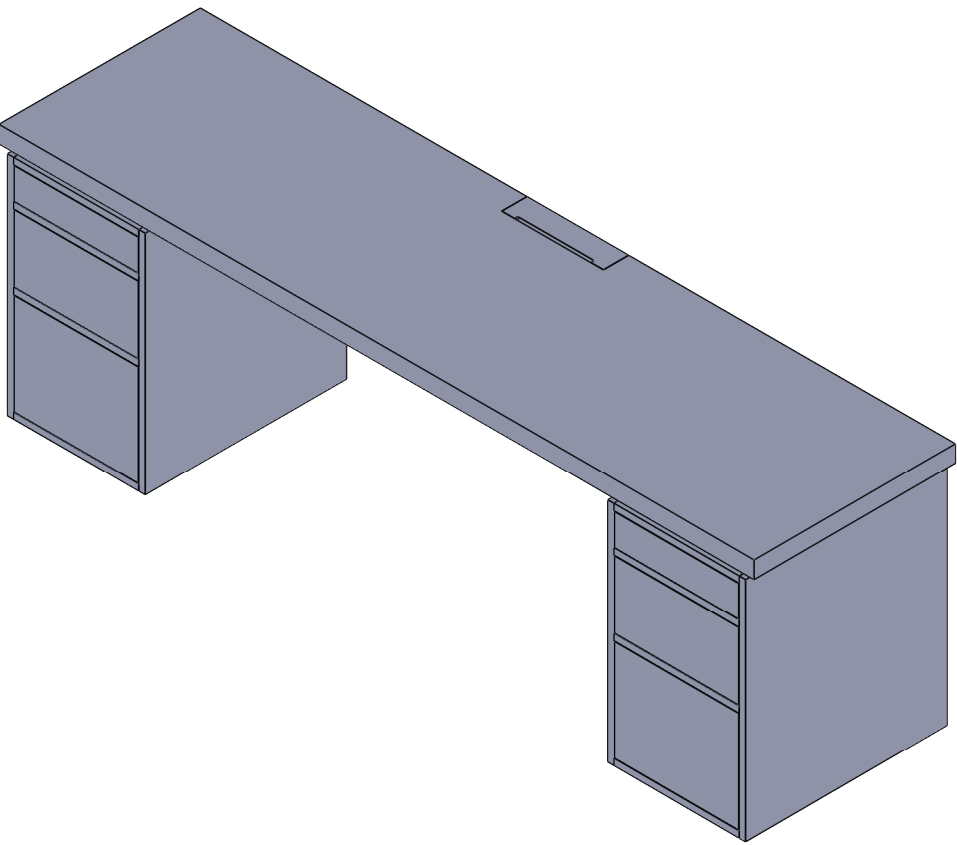
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PROJECT NAME: HOME OFFICE DESK WITH HIDDEN POWER SUPPLY		DESCRIPTION	
DRAWING NAME: COVER SHEET		INITIAL RELEASE	
REV	DATE	BY	MP
00	10-28-2022		

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SHT. NO:

1



NOTE:
TOTAL HEIGHT VARIES ON ACTUAL THICKNESS OF PLYWOOD USED FOR PART 4.
ADD ADDITIONAL SPACERS ON TOP OF PART 4 AS NEEDED FOR DESIRED HEIGHT
AND AIR GAP ABOVE BASE OF DESK.

SECURE DESK TOP TO CABINETS WITH FOUR (4) 2-1/2" POCKET HOLE SCREWS FROM
INSIDE OF CABINET INTO UNDERSIDE OF DESK TOP.



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PROJECT NAME: HOME OFFICE DESK WITH HIDDEN POWER SUPPLY		DESCRIPTION	
		BY	INITIAL RELEASE
REV	DATE	MP	
00	10-28-2022		

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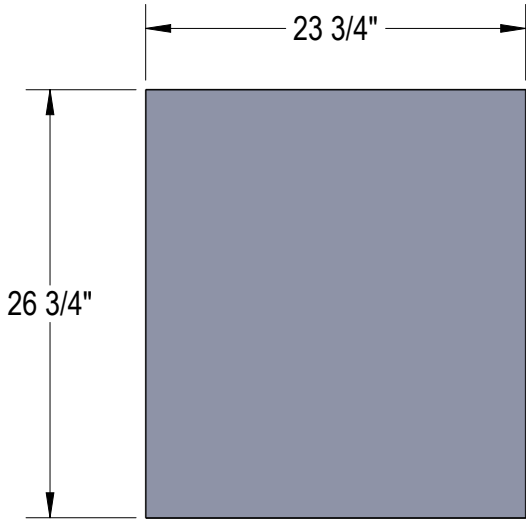
SHT. NO:		
2		

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NOTE:

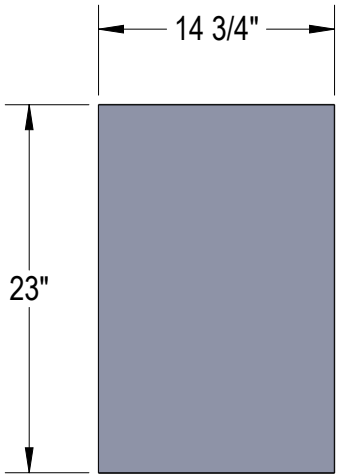
QTY's TO BUILD 2 CABINETS

POCKET HOLES TO BE DRILLED ALONG EDGES AS NOTED.
POCKET HOLES TO BE 2" FROM EDGE (WHERE POSSIBLE) & EVENLY SPACED 6"-8" IN BETWEEN EACH EDGE.
THERE SHOULD BE A MINIMUM OF 2 POCKET HOLES IN EACH PIECE.



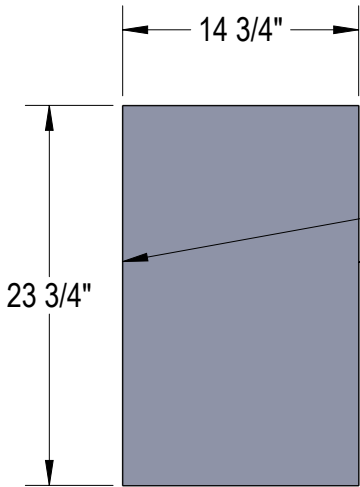
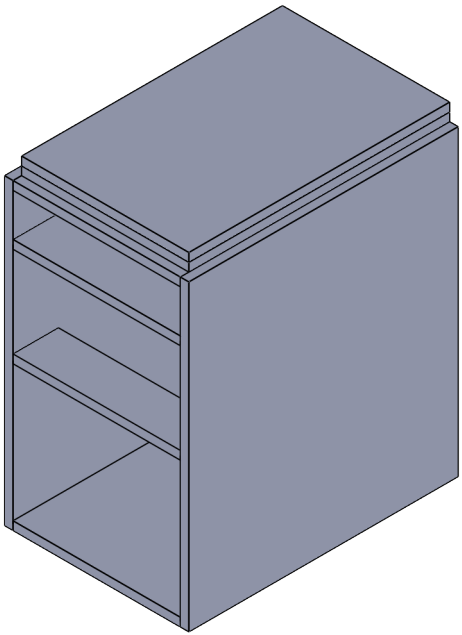
PART 1

QTY: 4
MTR'L: 3/4" PLY



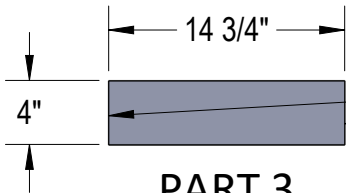
PART 4

QTY: 4
MTR'L: 3/4" PLY



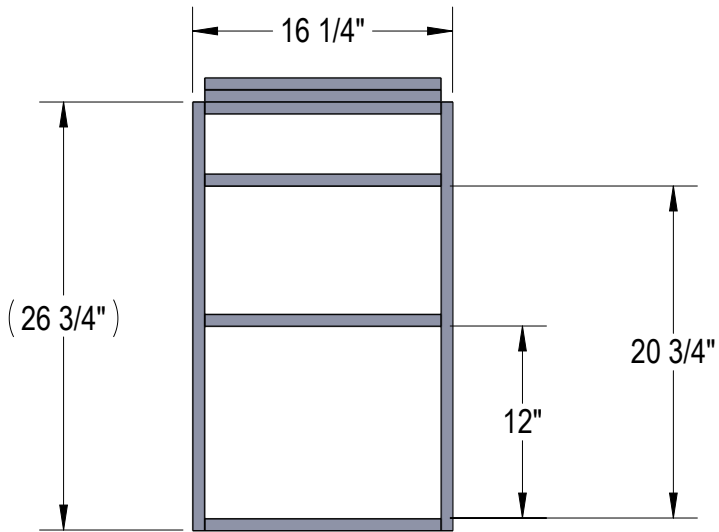
PART 2

QTY: 4
MTR'L: 3/4" PLY



PART 3

QTY: 8
MTR'L: 3/4" PLY



MAKE 12" AND 20-3/4" SPACERS.
THIS WILL MAKE INSTALLING
STRETCHERS FASTER.



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PROJECT NAME: HOME OFFICE DESK WITH HIDDEN
POWER SUPPLY
DRAWING NAME: CABINET PARTS

REV	DATE	BY	DESCRIPTION
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SHT. NO:

3

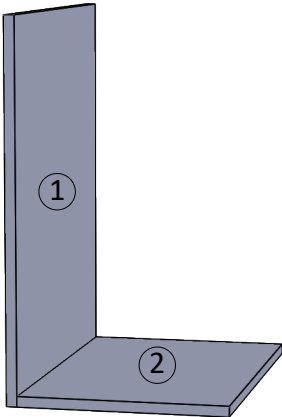
NOTE:
BUILD 2 OF THESE CABINETS

CONSTRUCT CABINET WITH 1-1/4" POCKET HOLE SCREWS.

EDGE BAND OR PUTTY FRONT EDGE OF PIECES FOR A SMOOTH SURFACE PRIOR TO PAINTING.

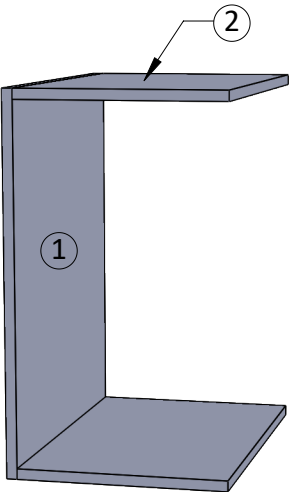
STEP 1

SECURE PART 1 & 2 WITH POCKET HOLES. POCKET HOLES ON PART 2 TO FACE DOWN.



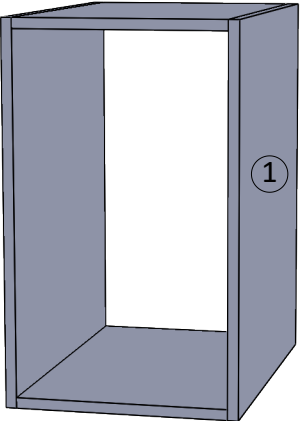
STEP 2

SECURE PART 2 TO PART 1 WITH POCKET HOLES. POCKET HOLES ON PART 2 TO FACE UP.



STEP 3

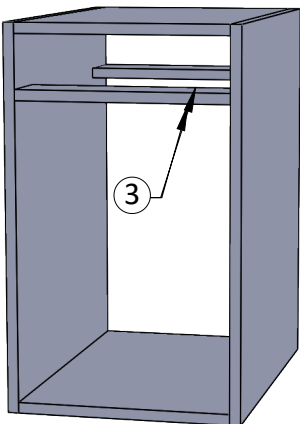
SECURE PART 1 AS SHOWN WITH POCKET HOLES.



STEP 4

ADD 2 OF PART 3 WITH POCKET HOLES. POCKET HOLES TO FACE DOWN.

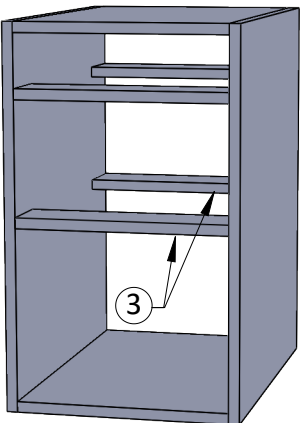
USING A PAIR OF 20-3/4" SPACERS WILL MAKE INSTALLATION OF PART 3 EASIER.



STEP 5

ADD 2 OF PART 3 WITH POCKET HOLES. POCKET HOLES TO FACE DOWN.

USING A PAIR OF 12" SPACERS WILL MAKE INSTALLATION OF PART 3 EASIER.

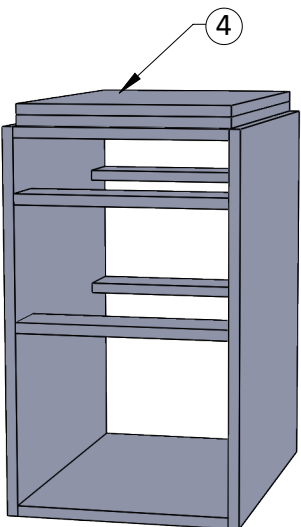


STEP 6

ADD 2 OF PART 4 WITH GLUE, BRADS, OR SCREWS AS SHOWN.

CENTERED ON CABINET TOP AND FLUSH WITH BACK OF CABINET.

INSTALL DRAWER SLIDES PER MFG INSTRUCTIONS.



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PROJECT NAME: HOME OFFICE DESK WITH HIDDEN POWER SUPPLY

DRAWING NAME: CABINET ASSEMBLY

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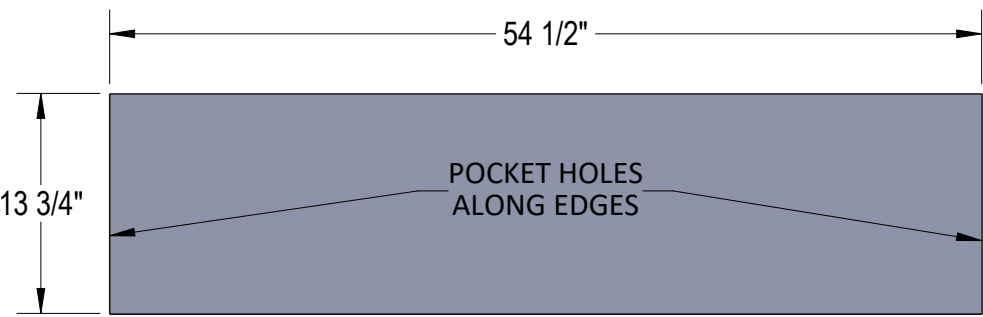
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4

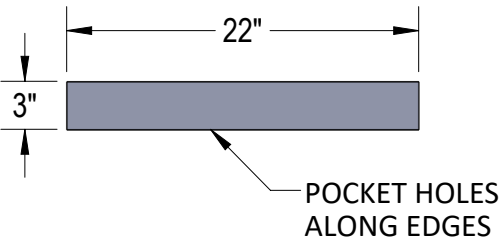
NOTE:
POCKET HOLES TO BE DRILLED ALONG EDGES AS NOTED.
POCKET HOLES TO BE 2" FROM EDGE (WHERE POSSIBLE) & EVENLY SPACED 6"-8" IN BETWEEN EACH EDGE.
THERE SHOULD BE A MINIMUM OF 2 POCKET HOLES IN EACH PIECE.

ASSEMBLE BASE WITH 1-1/4" POCKET HOLE SCREWS.



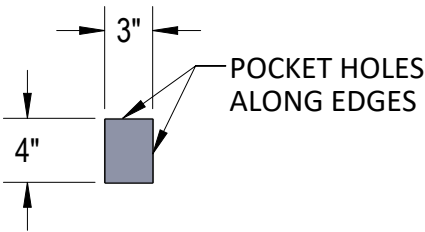
PART 5

QTY: 1
MTR'L: 3/4" PLY



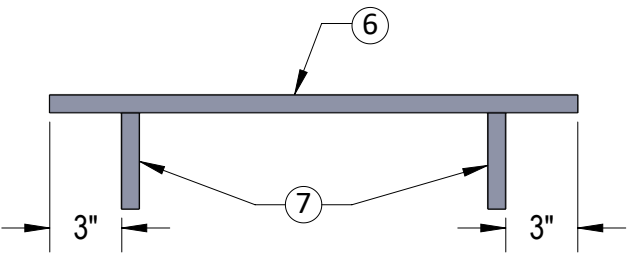
PART 6

QTY: 1
MTR'L: 3/4" PLY
(OPTIONAL)

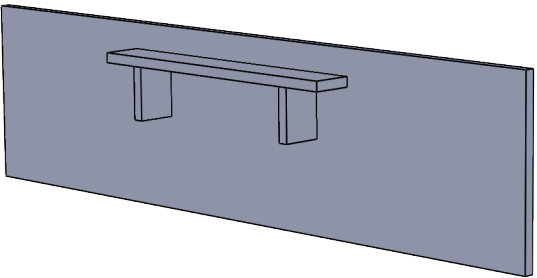


PART 7

QTY: 2
MTR'L: 3/4" PLY
(OPTIONAL)



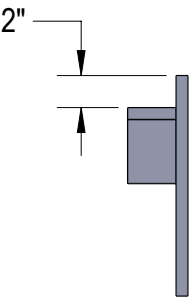
ASSEMBLE POWER STRIP SHELF
(OPTIONAL)




BACK ISO VIEW

SCREW PARTS 6 & 7 ON BACK OF PART 5 AS SHOWN.
WHERE POSSIBLE, POCKET HOLES TO FACE DOWN SO
THEY AREN'T VISIBLE FROM TOP OF DESK.

CENTER POWER STRIP SHELF ON BACK OF PART 5
2" BELOW TOP EDGE.



SIDE VIEW



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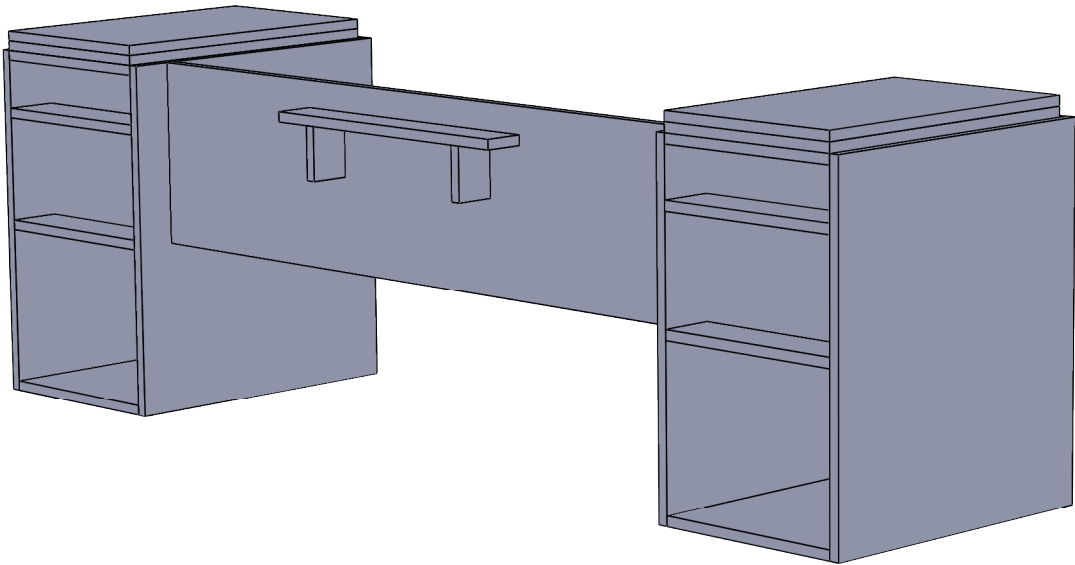
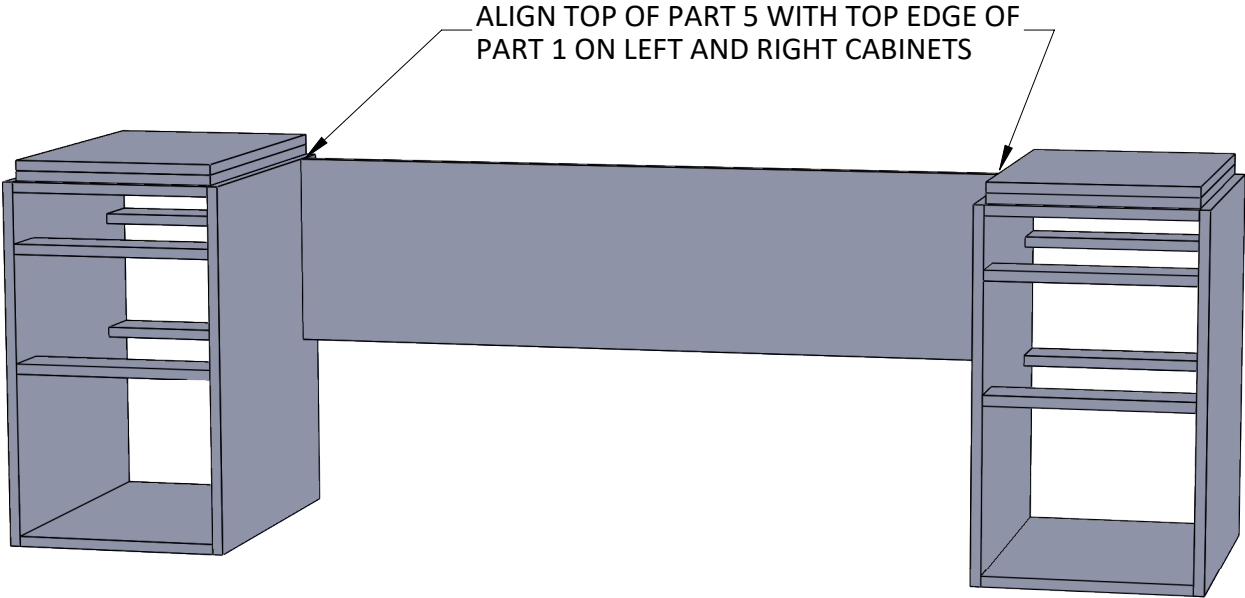
PROJECT NAME: HOME OFFICE DESK WITH HIDDEN POWER SUPPLY DRAWING NAME: BACK PANEL & POWER SUPPLY SUPPORT	DESCRIPTION	BY	DATE	REV				
	INITIAL RELEASE	MP	10-28-2022	00				

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NOTE:
ASSEMBLE BASE WITH 1-1/4" POCKET HOLE SCREWS.
ATTACH POWER SUPPLY CENTERED ON POWER SUPPLY SHELF.



PROJECT NAME: HOME OFFICE DESK WITH HIDDEN POWER SUPPLY				DESCRIPTION	
DRAWING NAME: BASE ASSEMBLY				INITIAL RELEASE	
REV	DATE	BY			
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DRAWER BOX ASSEMBLY

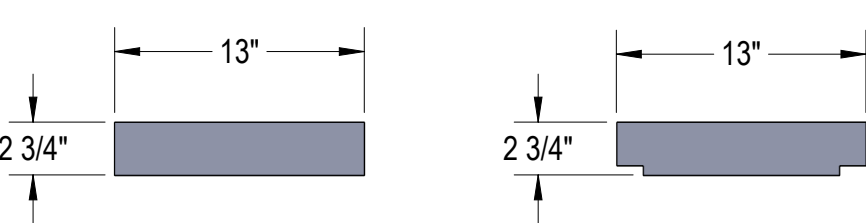
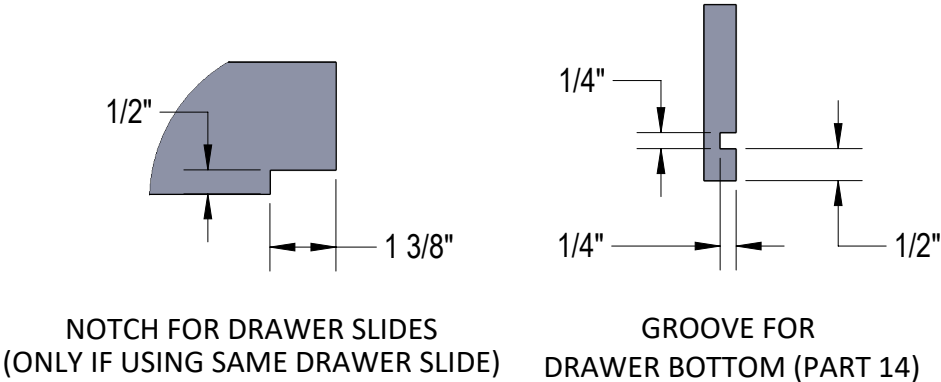
DRILL 2 MICRO POCKET HOLES (FOR TOP DRAWERS) AND 3 MICRO POCKET HOLES (FOR MIDDLE & BOTTOM DRAWERS) IN EACH END OF DRAWER BOX FRONTS/BACKS (PARTS 8-11).

EXACT PLACEMENT OF HOLES IS NOT CRITICAL, SPACE HOLES ROUGHLY 1/2" FROM EDGE.

DO NOT DRILL BELOW GROOVE FOR THE DRAWER BOTTOM

ASSEMBLE DRAWER BOXES AS SHOWN BELOW.
CLAMP BOX TOGETHER AND USE 1" PAN HEAD POCKET HOLE SCREWS TO SECURE

*IF USING SLIDES FROM ITEM LIST, DRILL HOLE IN BACK OF DRAWERS ONCE BOXES ARE ASSEMBLED PER MFG INSTRUCTIONS

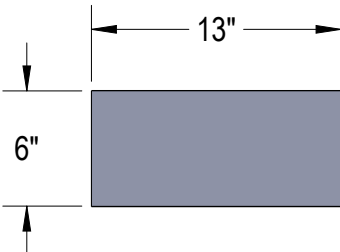


PART 8

QTY: 2
MTR'L: 1/2" PLY

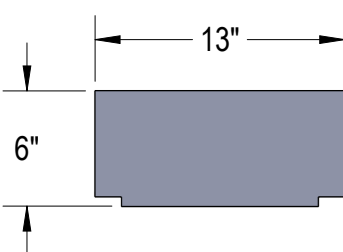
PART 9

QTY: 2
MTR'L: 1/2" PLY



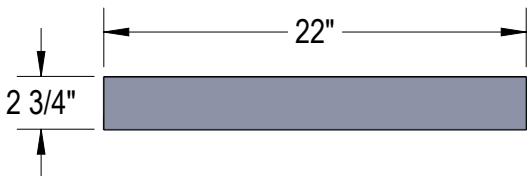
PART 10

QTY: 4
MTR'L: 1/2" PLY



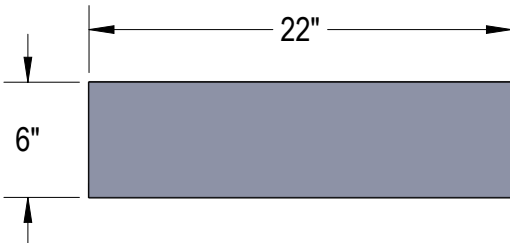
PART 11

QTY: 4
MTR'L: 1/2" PLY



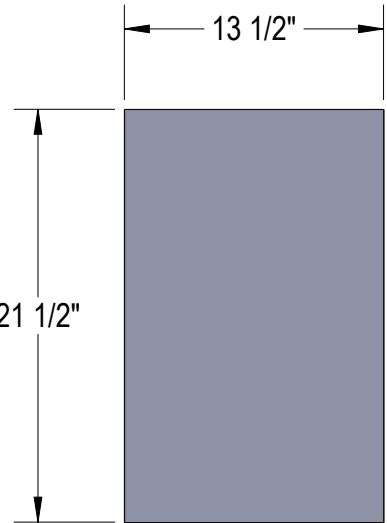
PART 12

QTY: 4
MTR'L: 1/2" PLY



PART 13

QTY: 8
MTR'L: 1/2" PLY

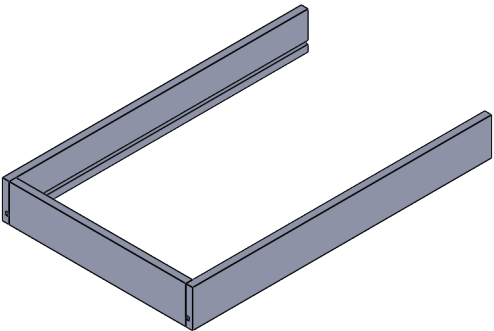


PART 14

QTY: 6
MTR'L: 1/4" PLY

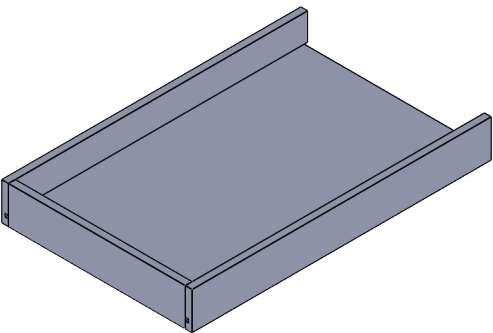
STEP 1

SCREW DRAWER BOX SIDES (PARTS 12 OR 13) TO DRAWER BOX FRONT (PARTS 8 OR 10).



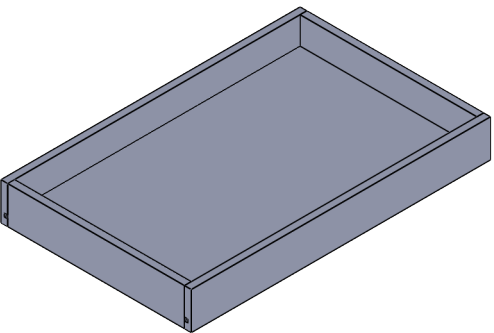
STEP 2

SLIDE DRAWER BOTTOM INTO PLACE (PART 14).



STEP 3

SCREW DRAWER BACK (PARTS 19 OR 11) TO DRAWER BOX SIDES (PARTS 12 OR 13).





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PROJECT NAME: HOME OFFICE DESK WITH HIDDEN POWER SUPPLY				DRAWING NAME: DRAWER BOXES			
REV	DATE	BY	MP	DESCRIPTION			
				INITIAL RELEASE			
00	10-28-2022						

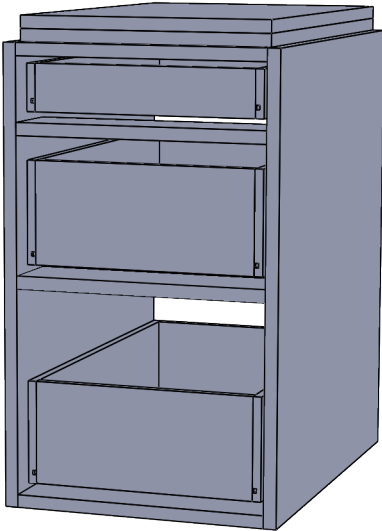
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STEP 1

SET DRAWER BOXES ON UNDERMOUNT SLIDES
AND FULLY SEAT INTO LATCHING MECHANISM.

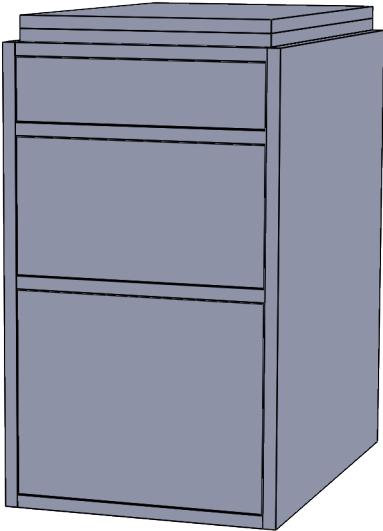



STEP 2

CENTER DRAWER FRONTS IN CABINET OPENINGS AND
SECURE TO BOX WITH 1" SCREWS FROM INSIDE OF
DRAWER.

CENTER AND ATTACH DRAWER PULLS.

REPEAT FOR OTHER CABINET.





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PROJECT NAME: HOME OFFICE DESK WITH HIDDEN POWER SUPPLY

DRAWING NAME: INSTALL DRAWERS

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SHT. NO:

8

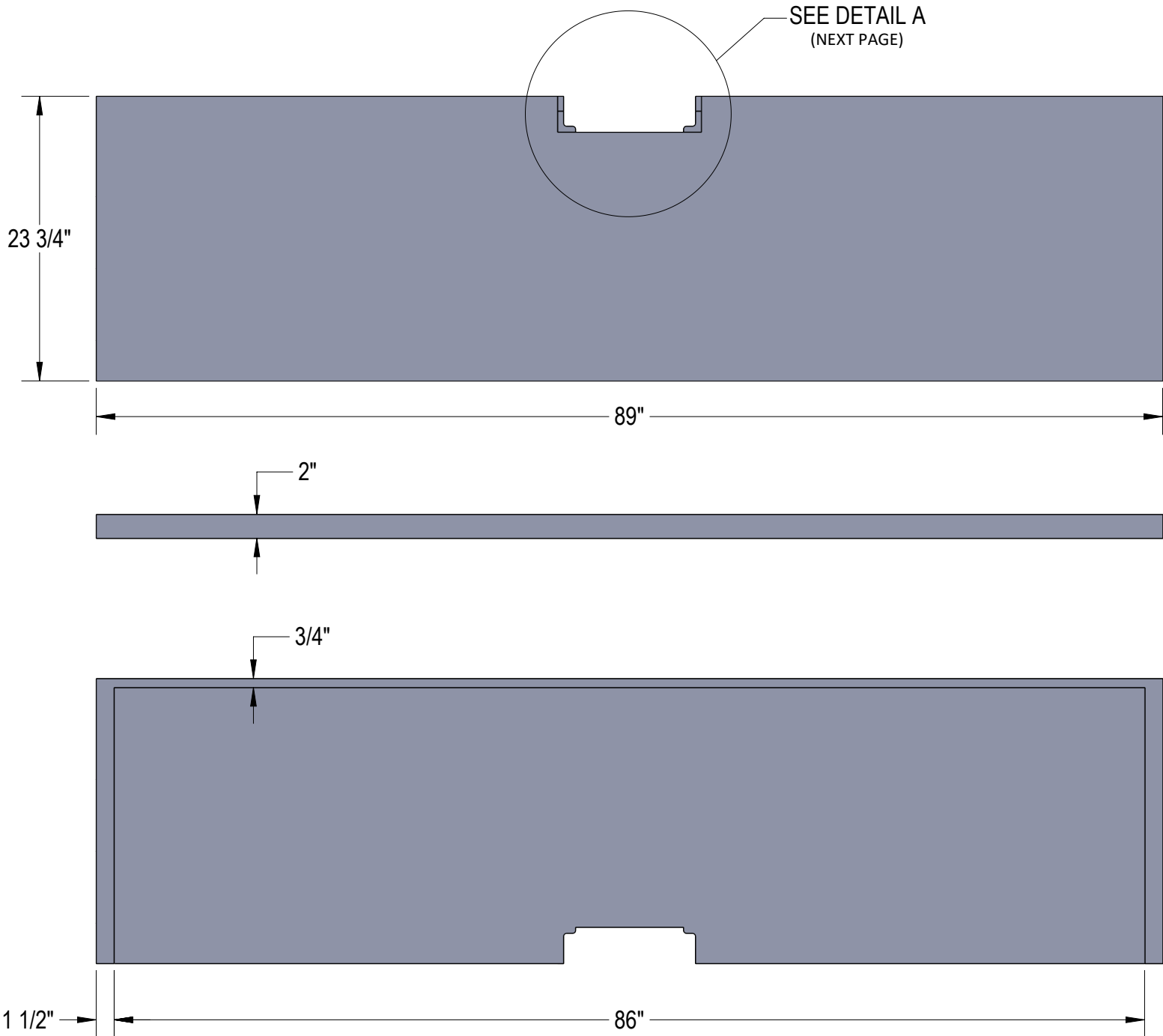
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NOTE:
MATR'L: 4/4 HARDWOOD OF CHOICE

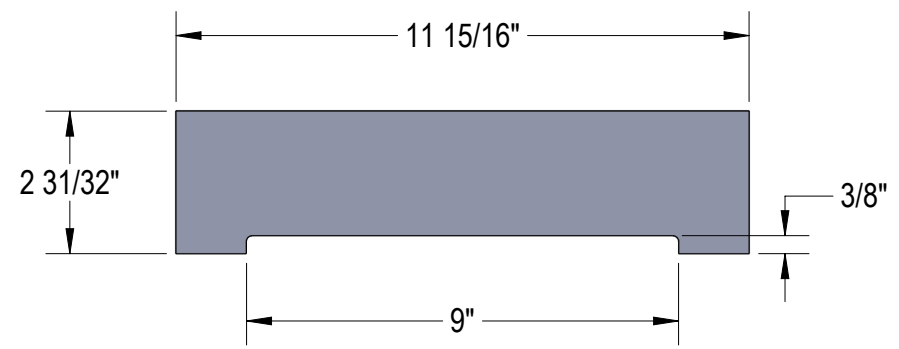
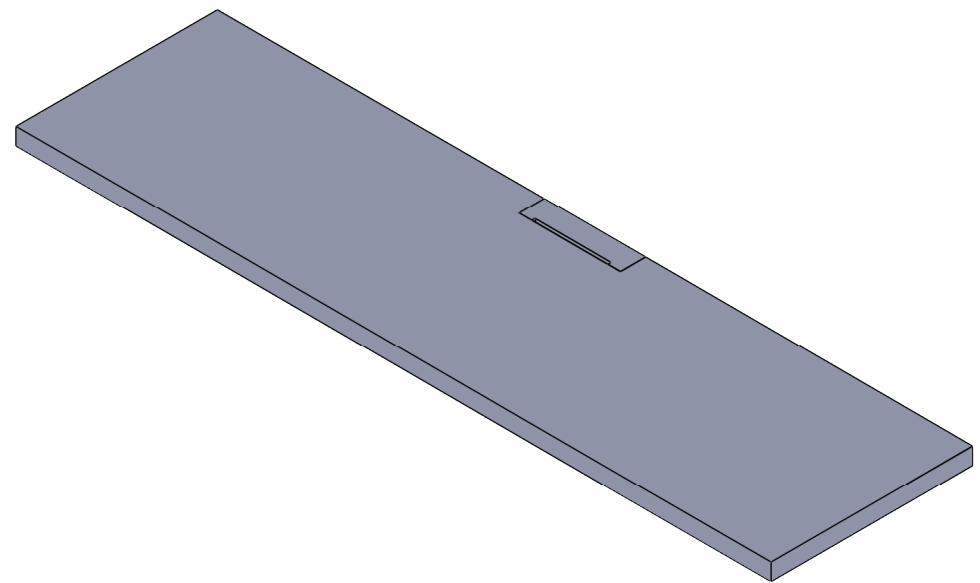
MAIN AREA OF DESKTOP MILLED TO 3/4" THICK

LAMINATE BORDER TO TOP AS SHOWN SO THAT TOP APPEARS TO BE 2" THICK.
OPTIONAL MITER FRONT EDGE OF DESK TO "WRAP" GRAIN PATTERN

OPTIONAL CUTOUT FOR ACCESS TO HIDDEN POWER SUPPLY TO BE CENTERED ON DESK TOP



PART 15
QTY: 1
MTR'L: 4/4 HARDWOOD OF CHOICE



PART 16
QTY: 1
MTR'L: 3/8" HARDWOOD OF CHOICE



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PROJECT NAME: HOME OFFICE DESK WITH HIDDEN POWER SUPPLY DRAWING NAME: DESK TOP				DESCRIPTION	INITIAL RELEASE				
				BY	MP				
				DATE	10-28-2022				
				REV	00				

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9		

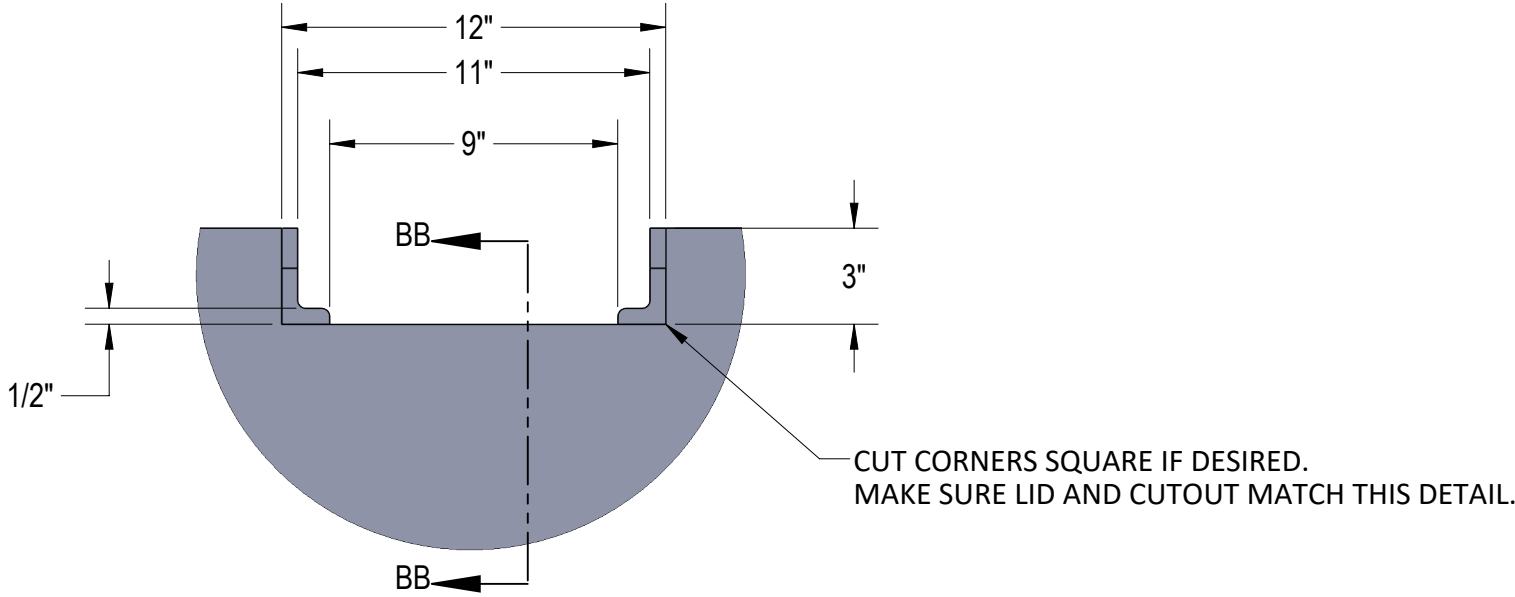
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NOTE:
DETAILS FOR OPTIONAL CUTOUT TO ACCESS HIDDEN POWER SUPPLY.

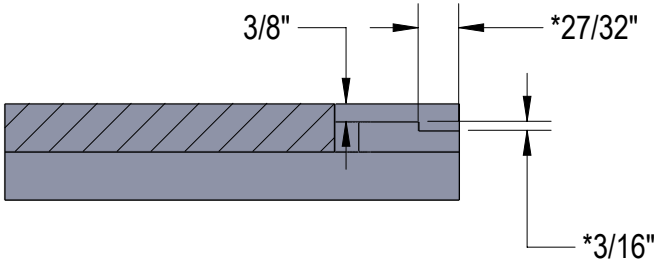
SECTION BB-BB SHOWS VARIOUS DEPTHS THAT CUTOUT SHOULD BE CUT TO.

I USED TWO TEMPLATES TO CUT THIS FEATURE WITH MY ROUTER.
1:1 SHEETS OF THESE TEMPLATES ARE AT THE END OF PLANS.


*BASED ON HINGE USED, ADJUST AS NEEDED.



DETAIL A



SECTION BB-BB



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PROJECT NAME: HOME OFFICE DESK WITH HIDDEN POWER SUPPLY		DRAWING NAME: HIDDEN POWER SUPPLY DETAILS		DESCRIPTION		INITIAL RELEASE	
		REV	DATE	BY	MP		
00	10-28-2022						

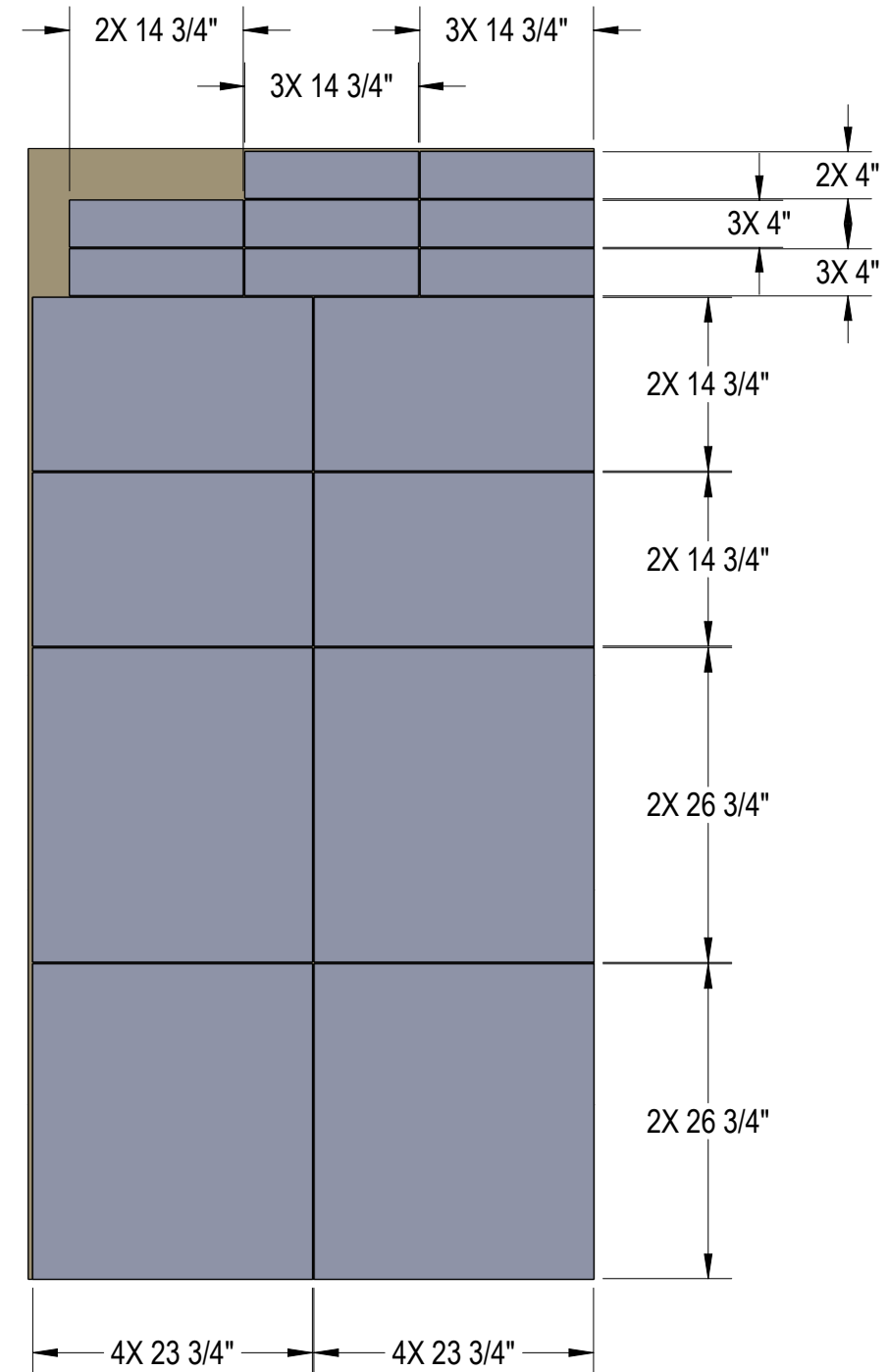
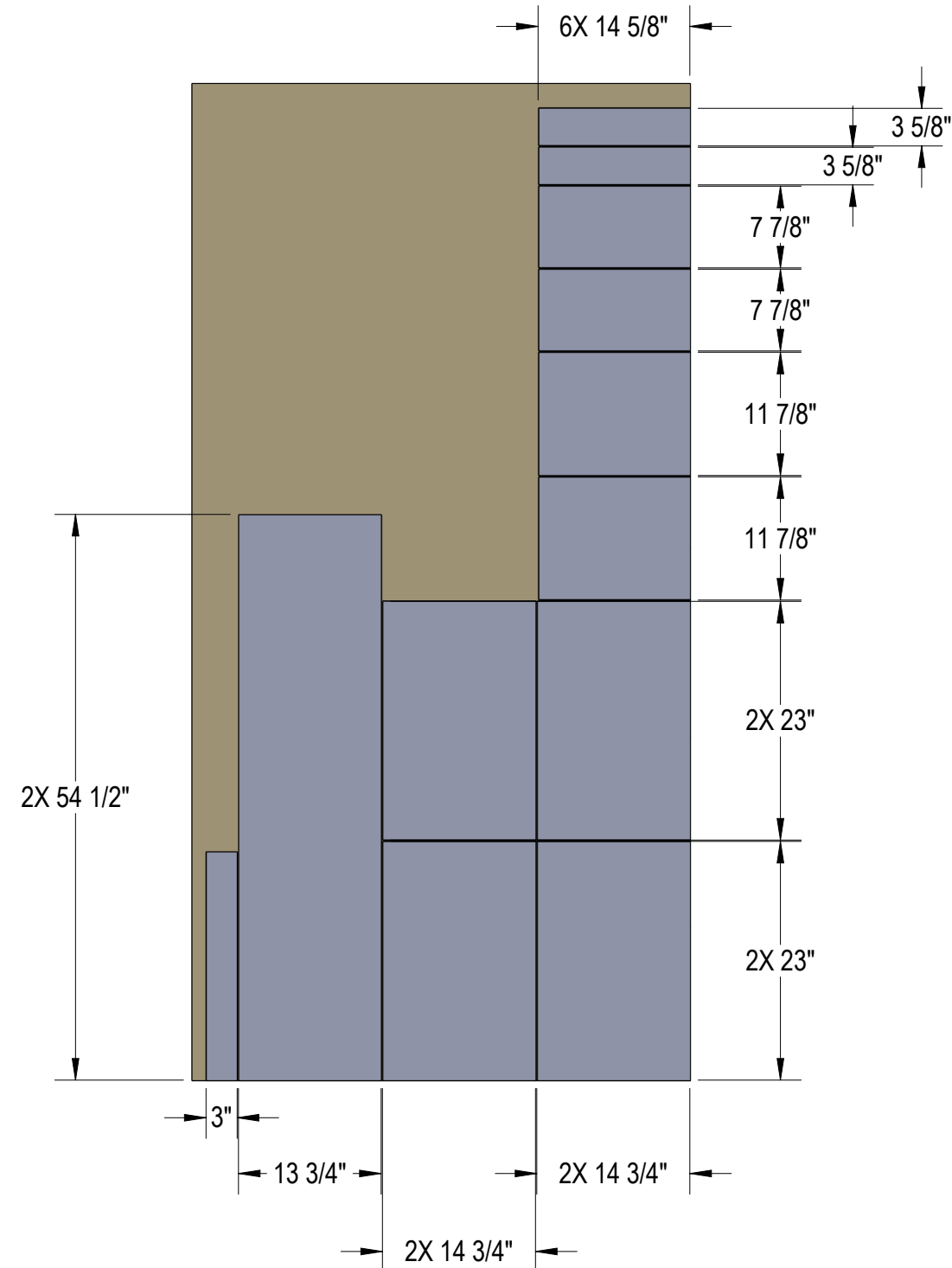
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MTR'L: 3/4" PLY



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PROJECT NAME: HOME OFFICE DESK WITH HIDDEN POWER SUPPLY

DRAWING NAME: SHEET GOODS LAYOUT, CABINET PARTS

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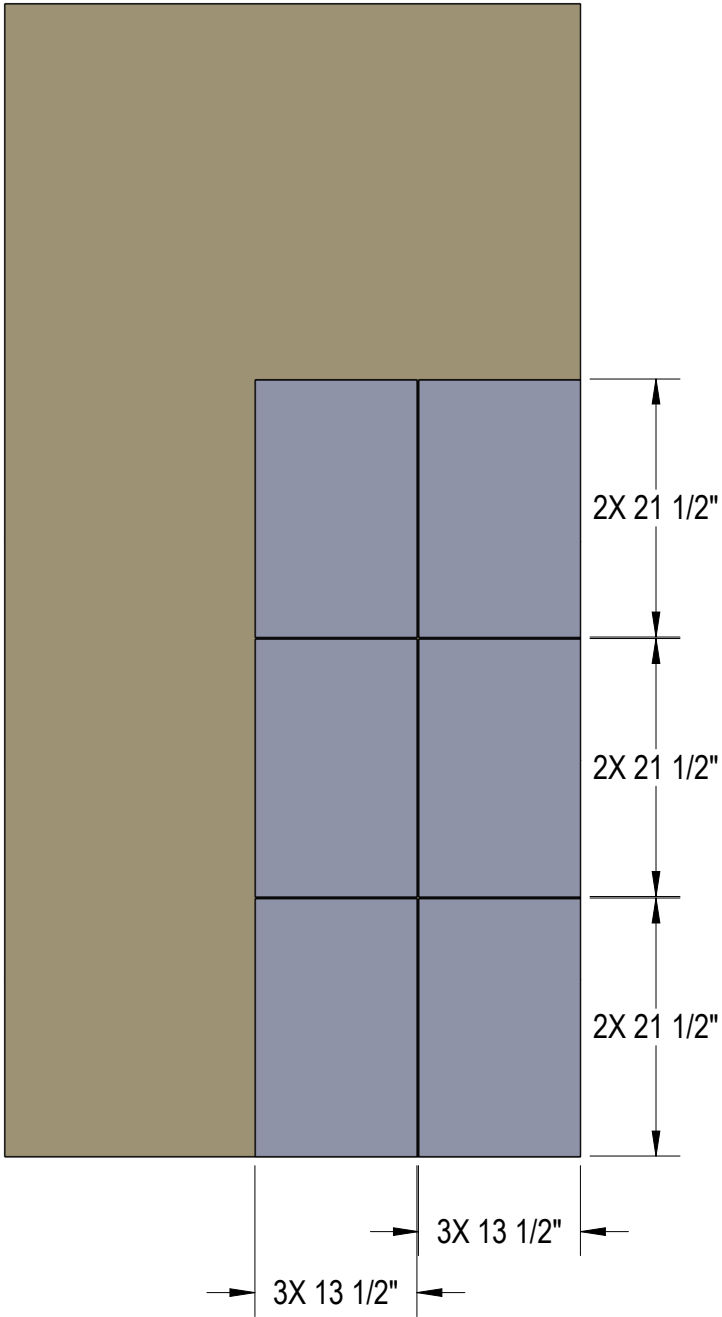
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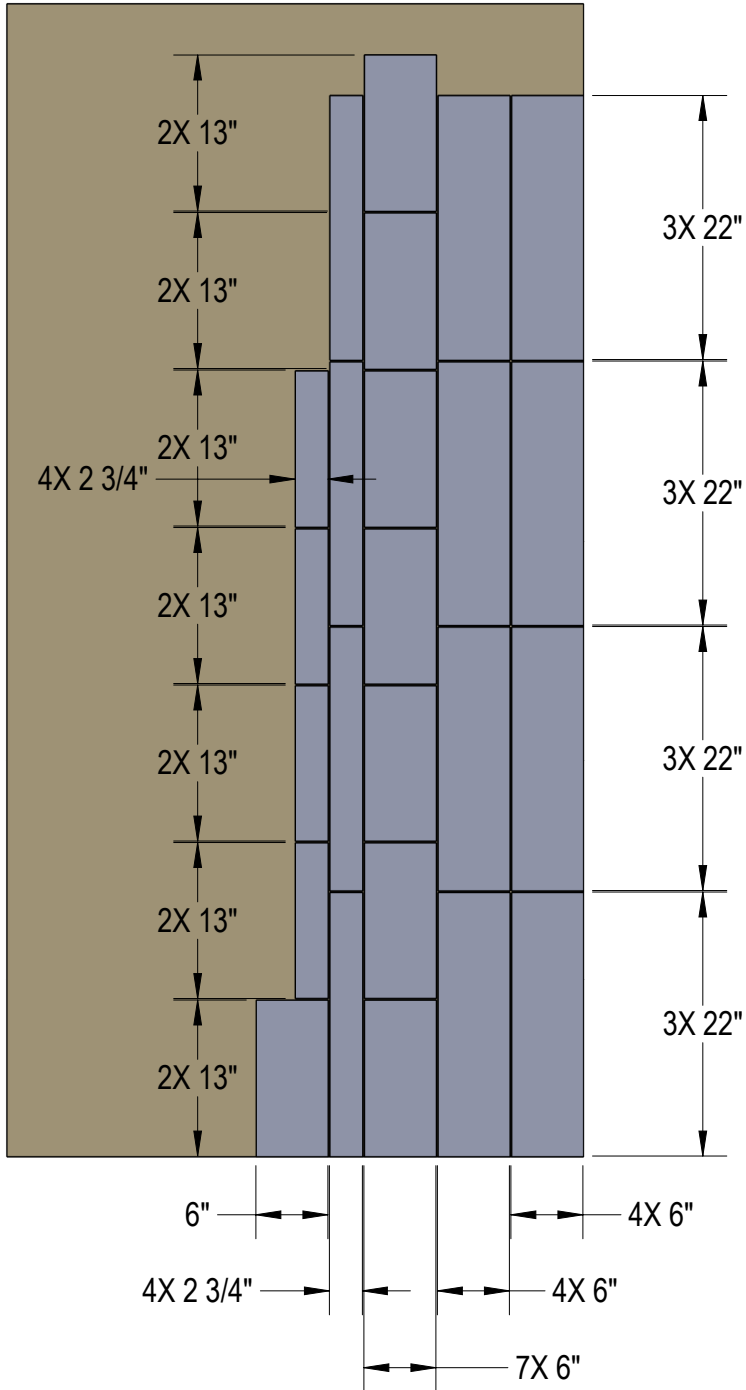
11


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MTR'L: 1/4" PLY



MTR'L: 1/2" PLY





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PROJECT NAME: HOME OFFICE DESK WITH HIDDEN POWER SUPPLY

DRAWING NAME: SHEET GOODS LAYOUT, DRAWER BOX PARTS

REV	DATE	BY	DESCRIPTION
00	10-28-2022	MP	INITIAL RELEASE

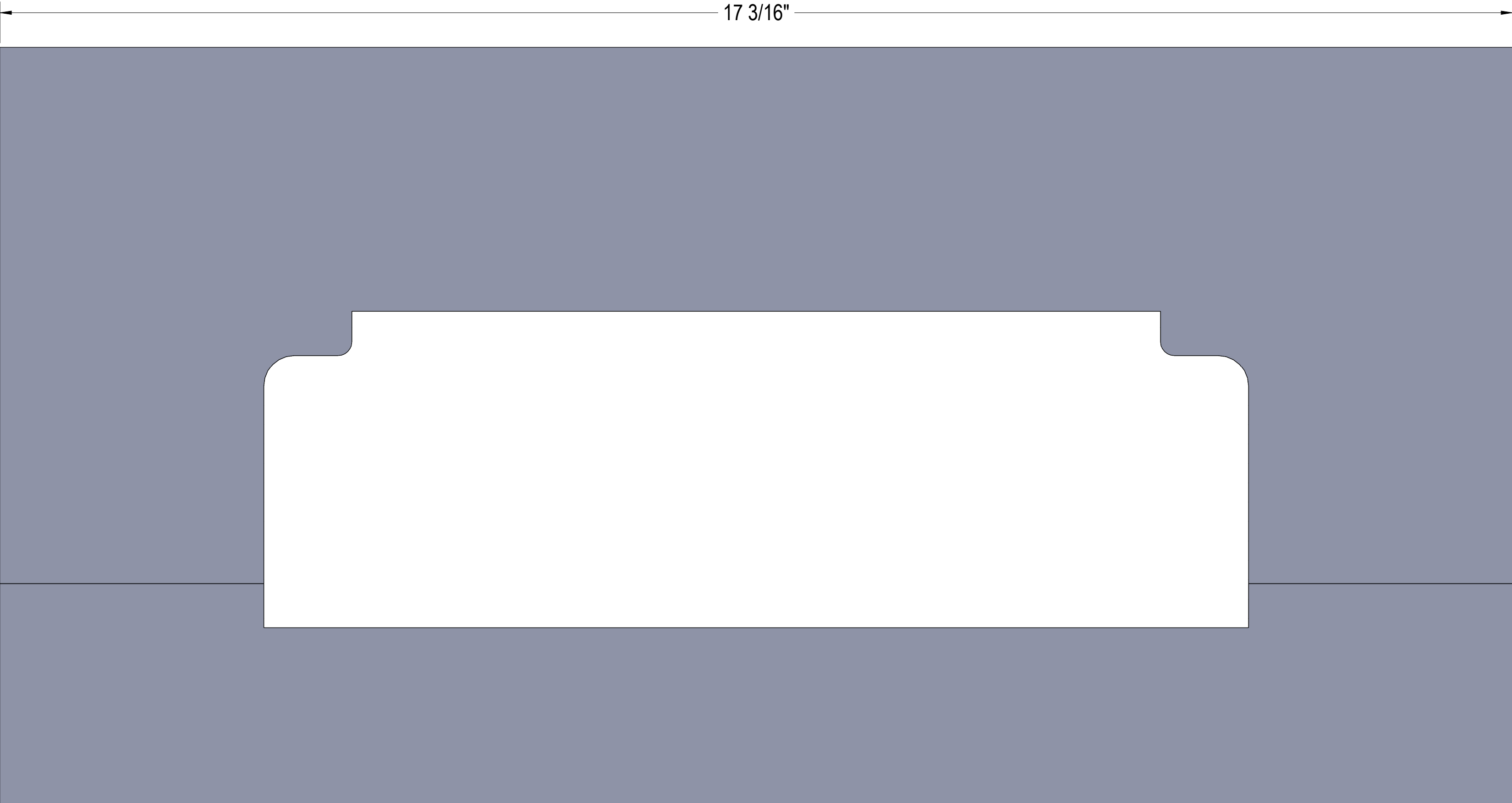
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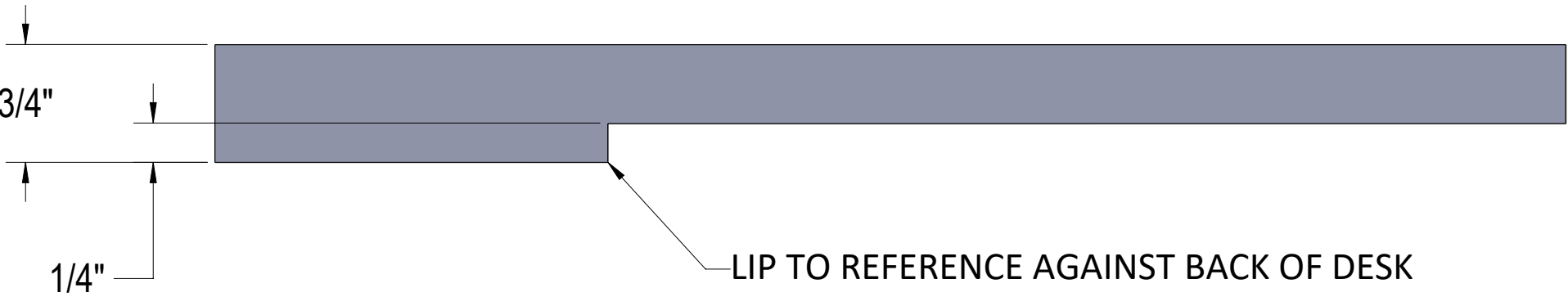
SHT. NO: 12

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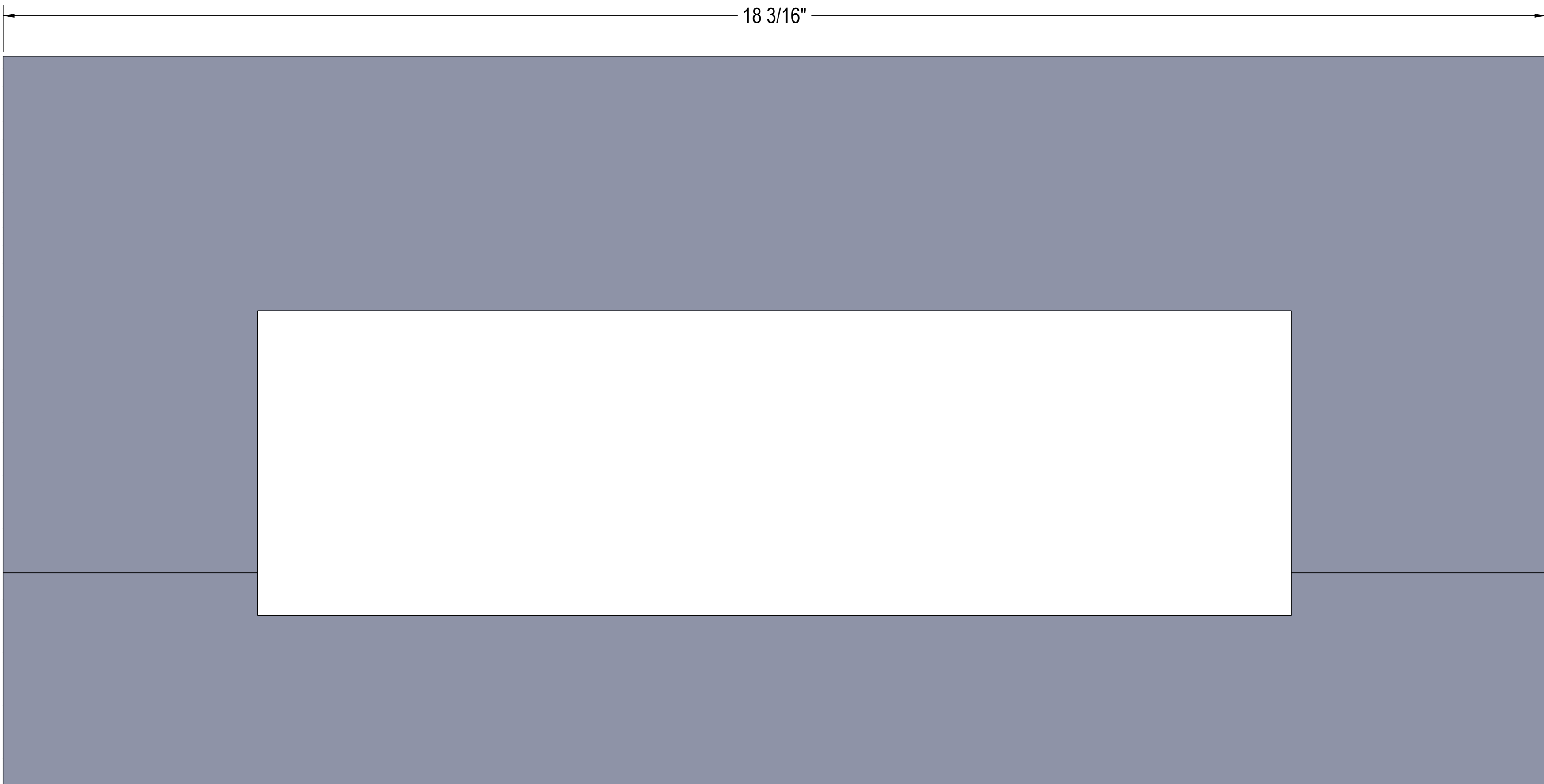


BOTTOM VIEW

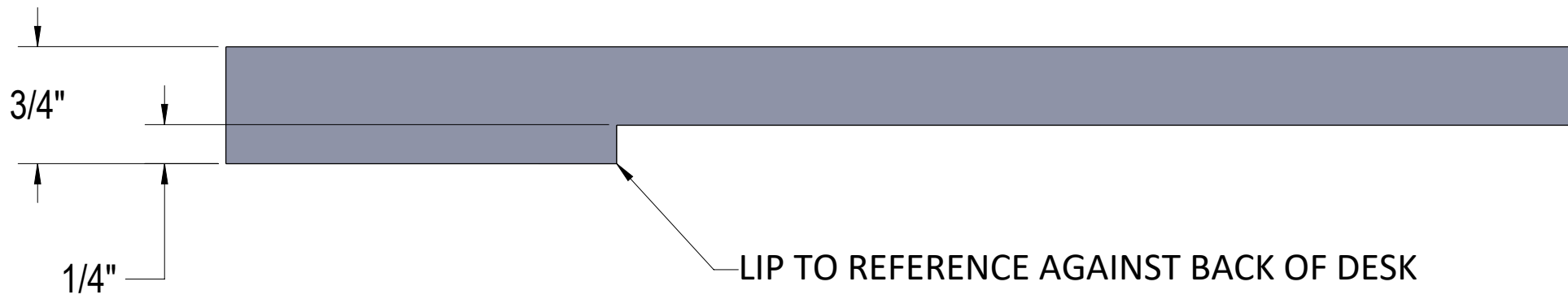


SIDE VIEW

DIMESNION FOR SCALING REFERENCE



BOTTOM VIEW



SIDE VIEW