

D

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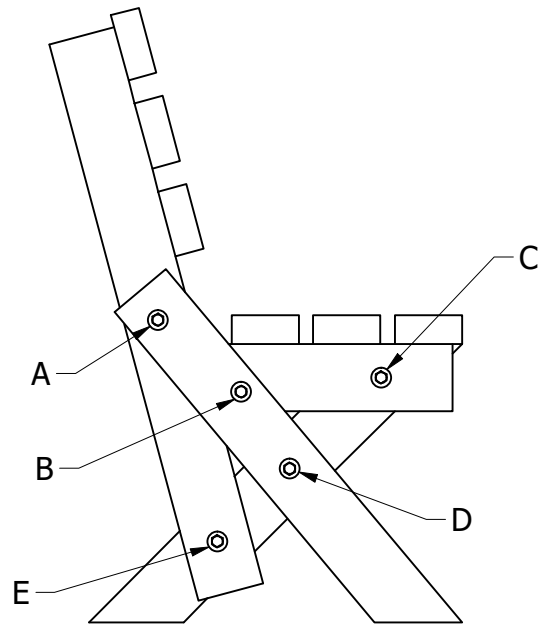
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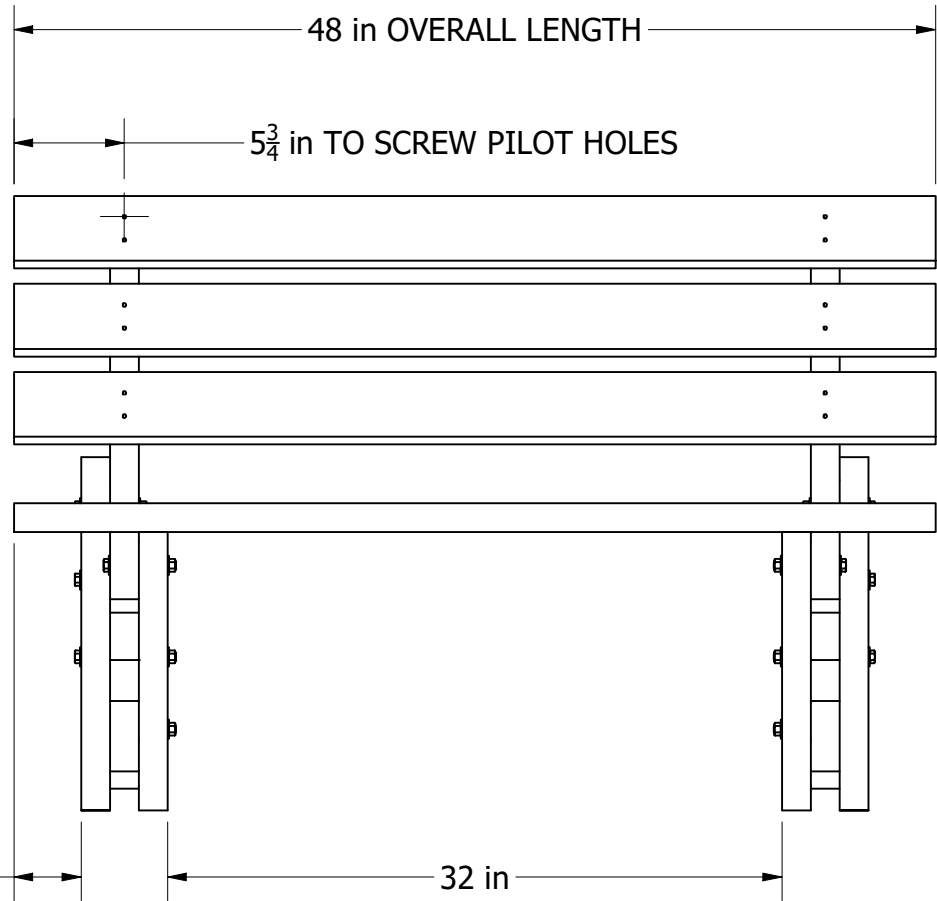
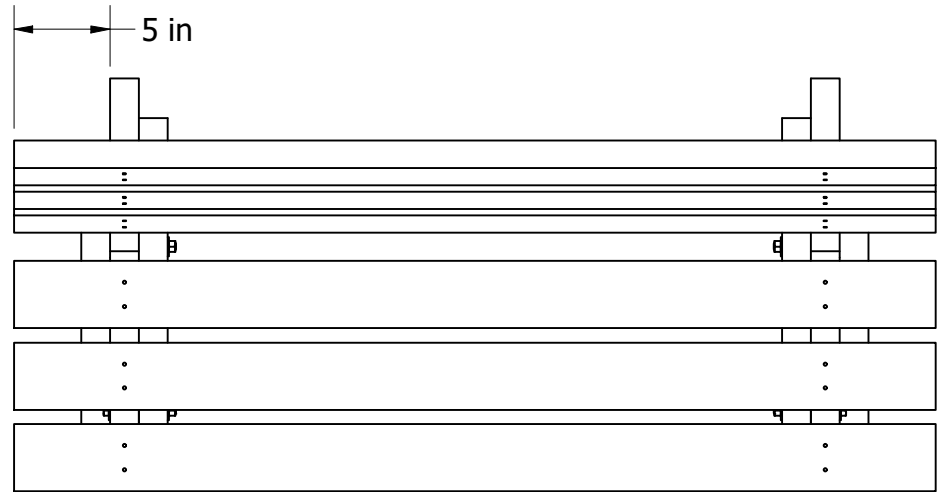
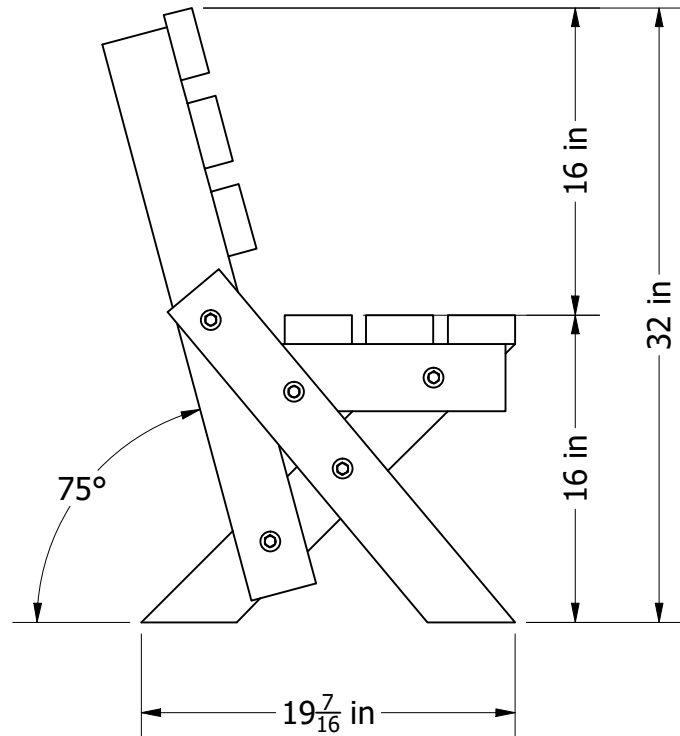
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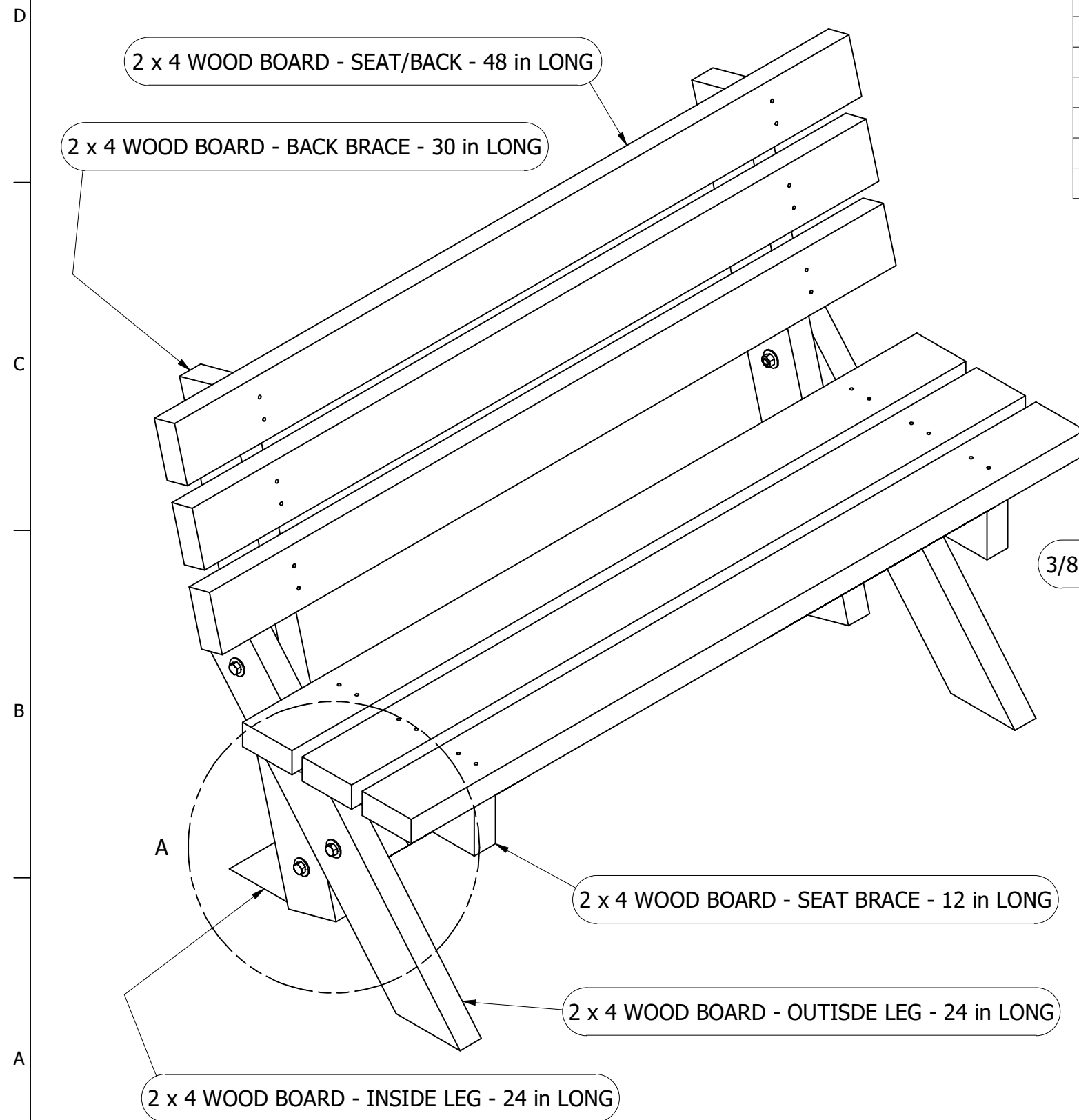


HOLE LAYOUT  
SEE HOLE LABELS ON  
RESPECTIVE DRAWINGS



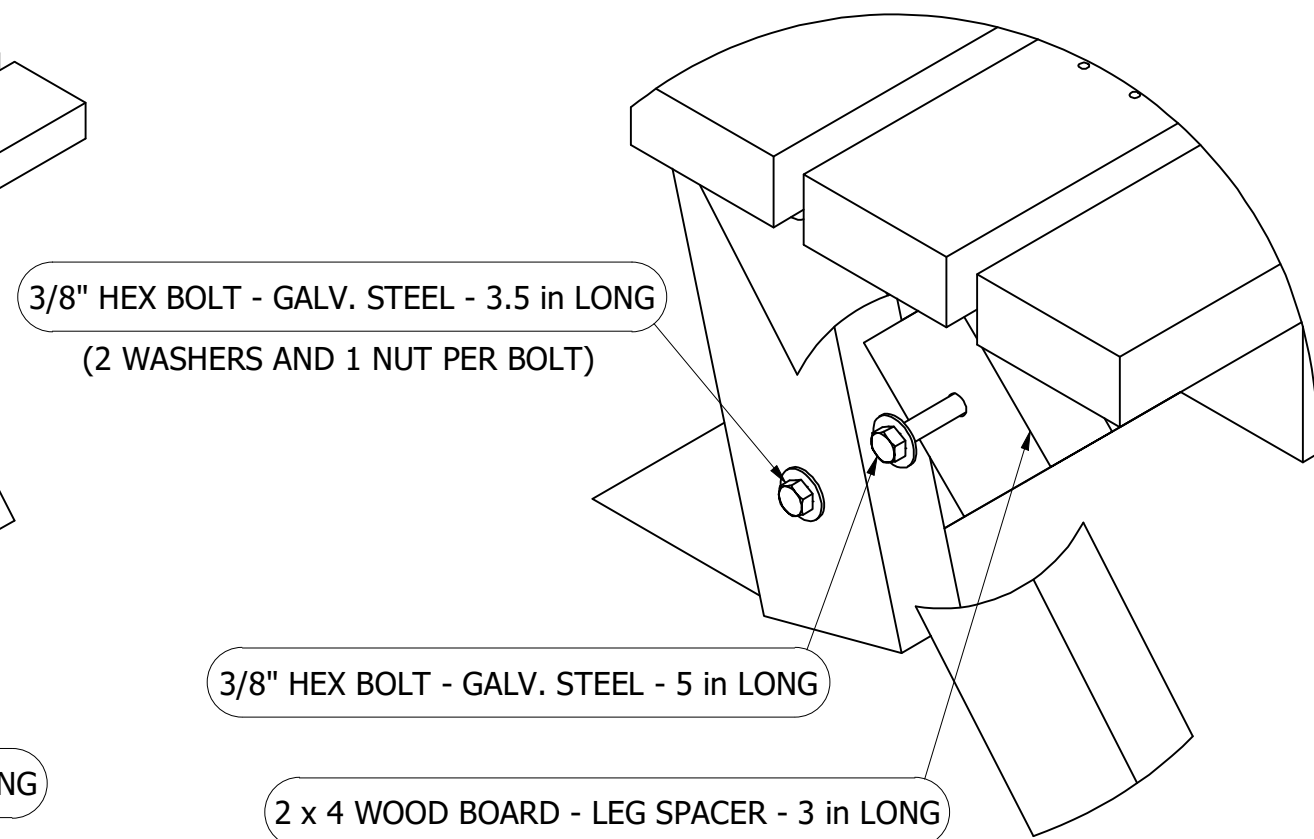
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
FABRICATION  
0 - 60 +/- 1/8"  
1 - 60 +/- 1/8"  
OVER 120 +/- 1/2"  
MACHINING TOLERANCES  
2 - PLACE +/- 0.005"  
ANGLES +/- 0.5°

DATE 3/26/2025	DRAWN
ENGINEER	APPROVED BY
PROJECT STRONG TOWNS COLUMBUS	
DESCRIPTION STANDARD BENCH	
WEIGHT	MATERIAL
DRAWING NO.	REV.
FILE Bench Overview.idw	

ISOMETRIC VIEW

PARTS LIST	
PART NUMBER	QTY PER ASSEMBLY
2 x 4 WOOD BOARD - BACK BRACE - 30 in LONG	2
2 x 4 WOOD BOARD - INSIDE LEG - 24 in LONG	2
2 x 4 WOOD BOARD - LEG SPACER - 3 in LONG	2
2 x 4 WOOD BOARD - OUTISDE LEG - 24 in LONG	2
2 x 4 WOOD BOARD - SEAT BRACE - 12 in LONG	2
2 x 4 WOOD BOARD - SEAT/BACK - 48 in LONG	6
3/8" HEX NUT - GALV. STEEL	10
3/8" HEX BOLT - GALV. STEEL - 3.5 in LONG	8
3/8" HEX BOLT - GALV. STEEL - 5 in LONG	2
3/8" WASHER - GALV. STEEL	20

TOTAL 2" x 4" x 8 FT BOARDS TO PURCHASE: 5



DETAIL A  
OUTSIDE LEG BROKEN OUT  
TO SHOW SPACER

DATE 3/26/2025	DRAWN	
ENGINEER	APPROVED BY	
PROJECT  <b>STRONG TOWNS COLUMBUS</b>		
DESCRIPTION  <b>STANDARD BENCH BILL OF MATERIALS</b>		
WEIGHT	MATERIAL	
DRAWING NO.		REV.
FILE Bench BOM.idw		

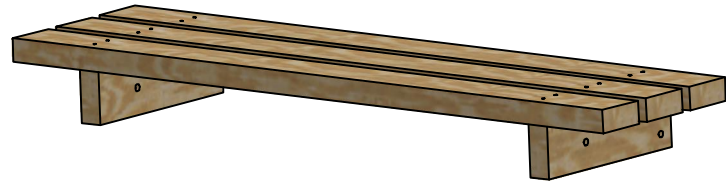
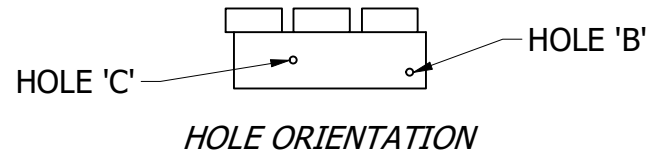
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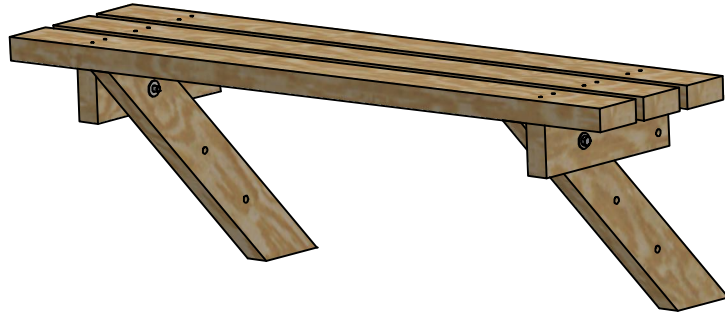
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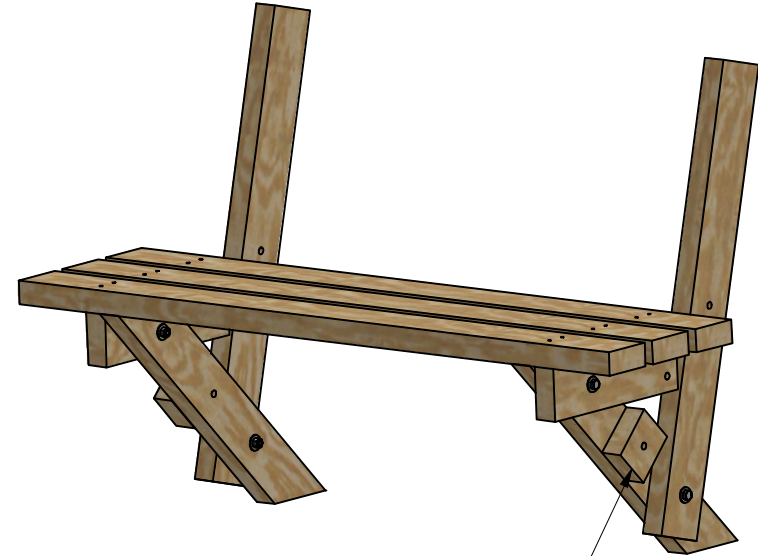
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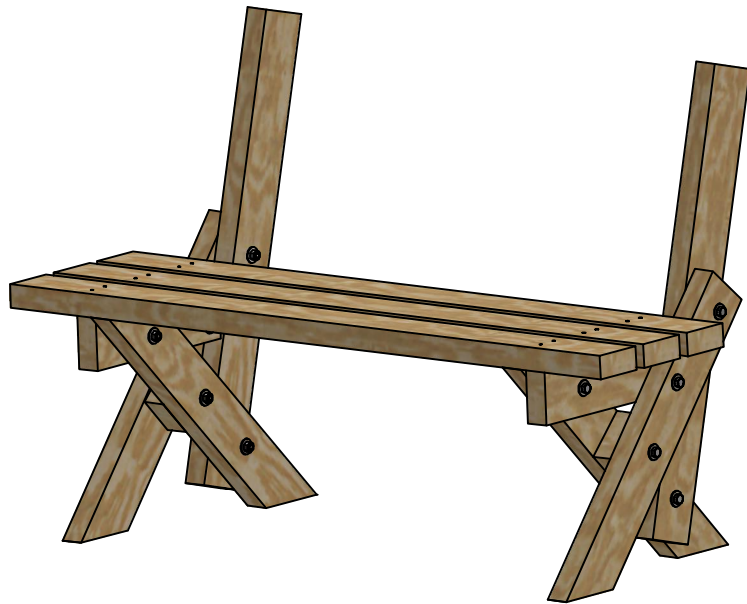
STEP 1  
SCREW SEAT BOARDS TO SEAT BRACE  
QTY 6 SCREWS PER BRACE



STEP 2  
INSTALL THE INSIDE LEGS



STEP 3  
INSTALL THE SEAT BACK BRACE



STEP 4  
INSTALL THE OUTSIDE LEGS

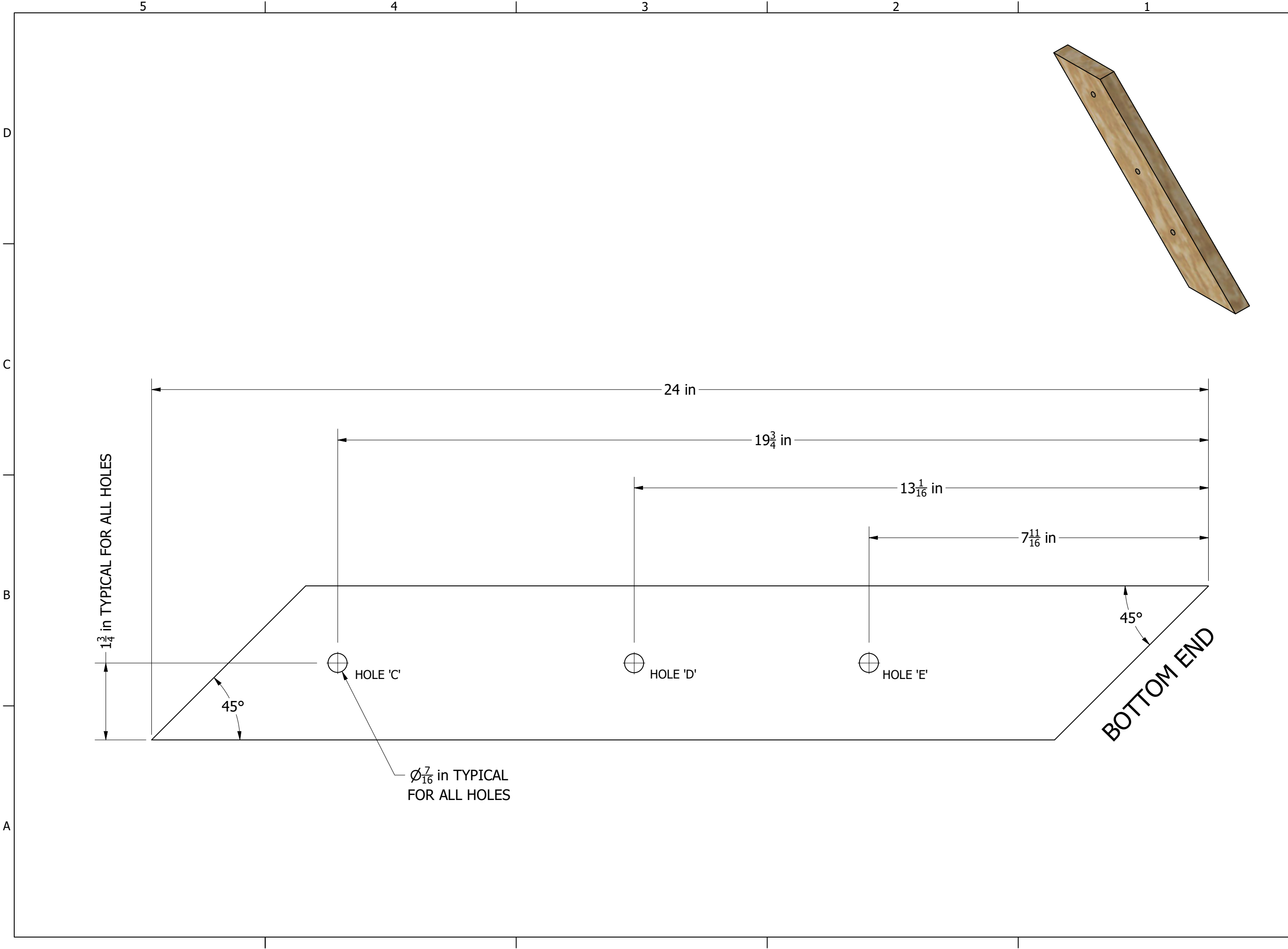


STEP 5  
INSTALL SEAT BACK BOARDS

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
FABRICATION  
0 - 60 +/- 1/8"  
1 - 120 +/- 1/4"  
OVER 120 +/- 1/2"  
ASSEMBLY - DIMENSIONS  
3 - PLACE +/- 0.05"  
ANGLES +/- 0.5°

DATE 3/26/2025	DRAWN
ENGINEER	APPROVED BY
PROJECT STRONG TOWNS COLUMBUS	
DESCRIPTION STANDARD BENCH	
WEIGHT	MATERIAL
DRAWING NO.	REV.
FILE Bench Install Instructions.idw	





UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ..... FABRICATION 0 - 60 +/- 1/8" 61 - 120 +/- 1/4" OVER 120 +/- 1/2" ..... MACHINING TOLERANCES 2 - PLACE +/- 0.005" ANGLES +/- 0.5°	
DATE 3/26/2025	DRAWN
ENGINEER	APPROVED BY
PROJECT	
DESCRIPTION INSIDE LEG	
WEIGHT	MATERIAL
DRAWING NO.	REV.
FILE INSIDE LEG.idw	

D

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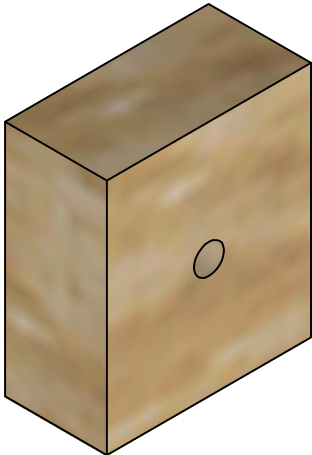
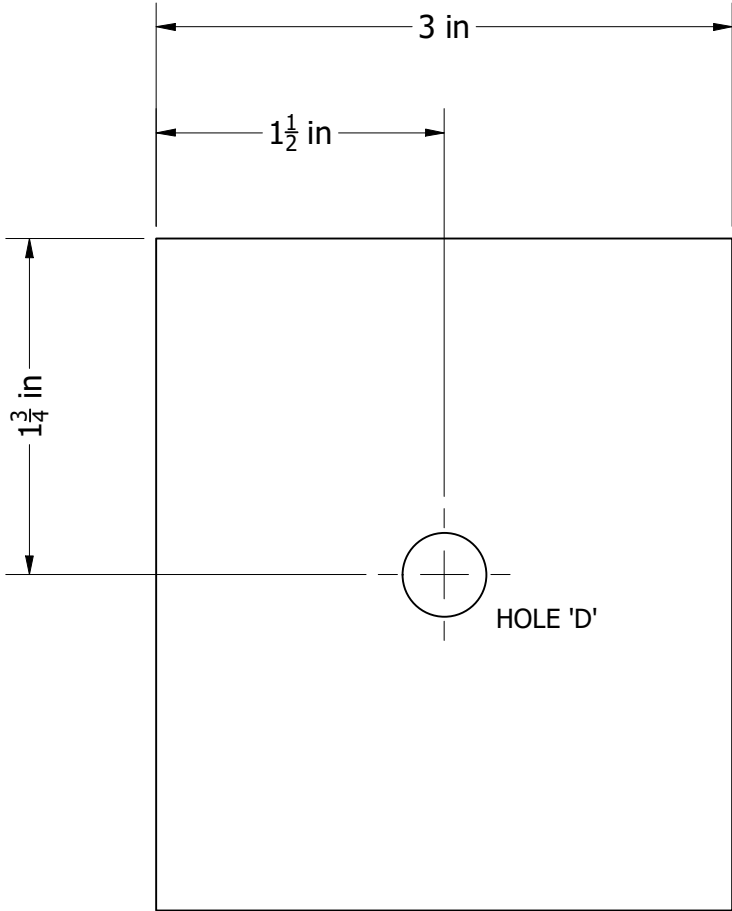
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1



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
.....  
FABRICATION  
0 - 60 +/- .18"  
61 - 120 +/- .14"  
OVER 120 +/- .12"  
.....  
MACHINING TOLERANCES  
1 - PLACE +/- .010"  
2 - PLACE +/- .005"  
3 - PLACE +/- .0015"  
ANGLES +/- .05°

DATE  
3/26/2025

DRAWN

ENGINEER

APPROVED BY

PROJECT

DESCRIPTION

SPACER

WEIGHT

MATERIAL

DRAWING NO.

REV.

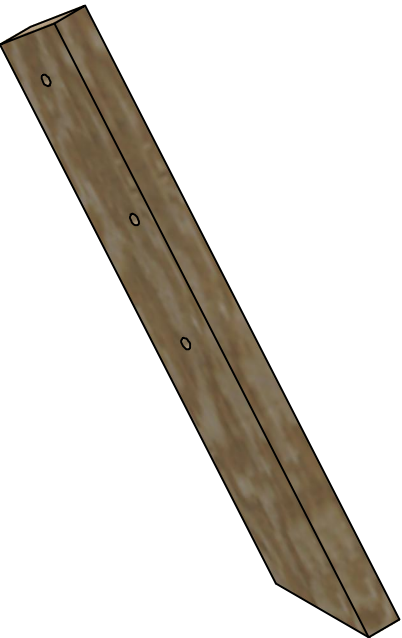
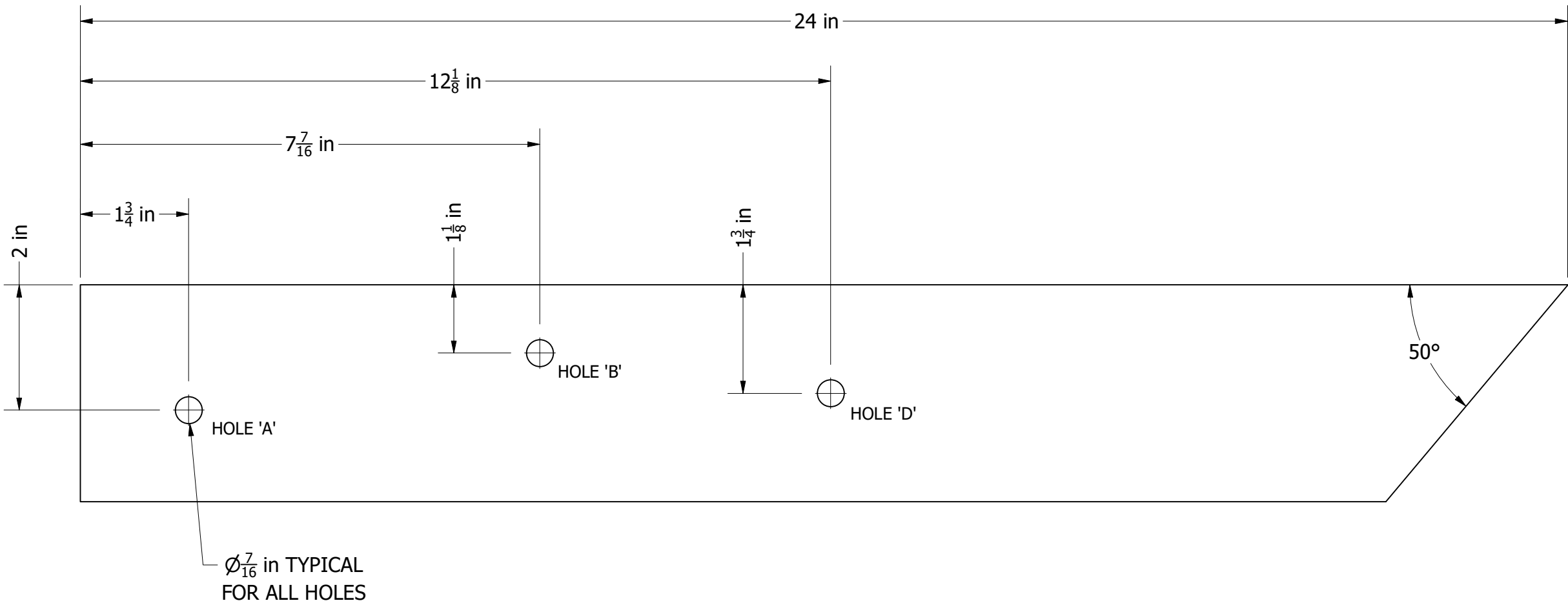
FILE SPACER.idw

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B

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UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
FABRICATION  
0 - 60 +/- 1/8"  
1 - 120 +/- 1/4"  
OVER 120 +/- 1/2"  
MACHINING DIMENSIONS  
2 - PLACE +/- 0.005"  
ANGLES +/- 0.5°

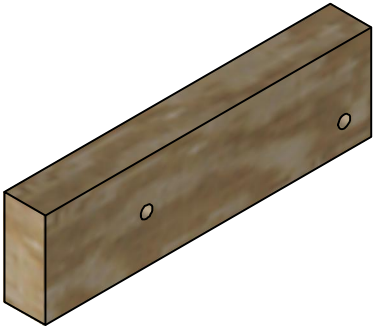
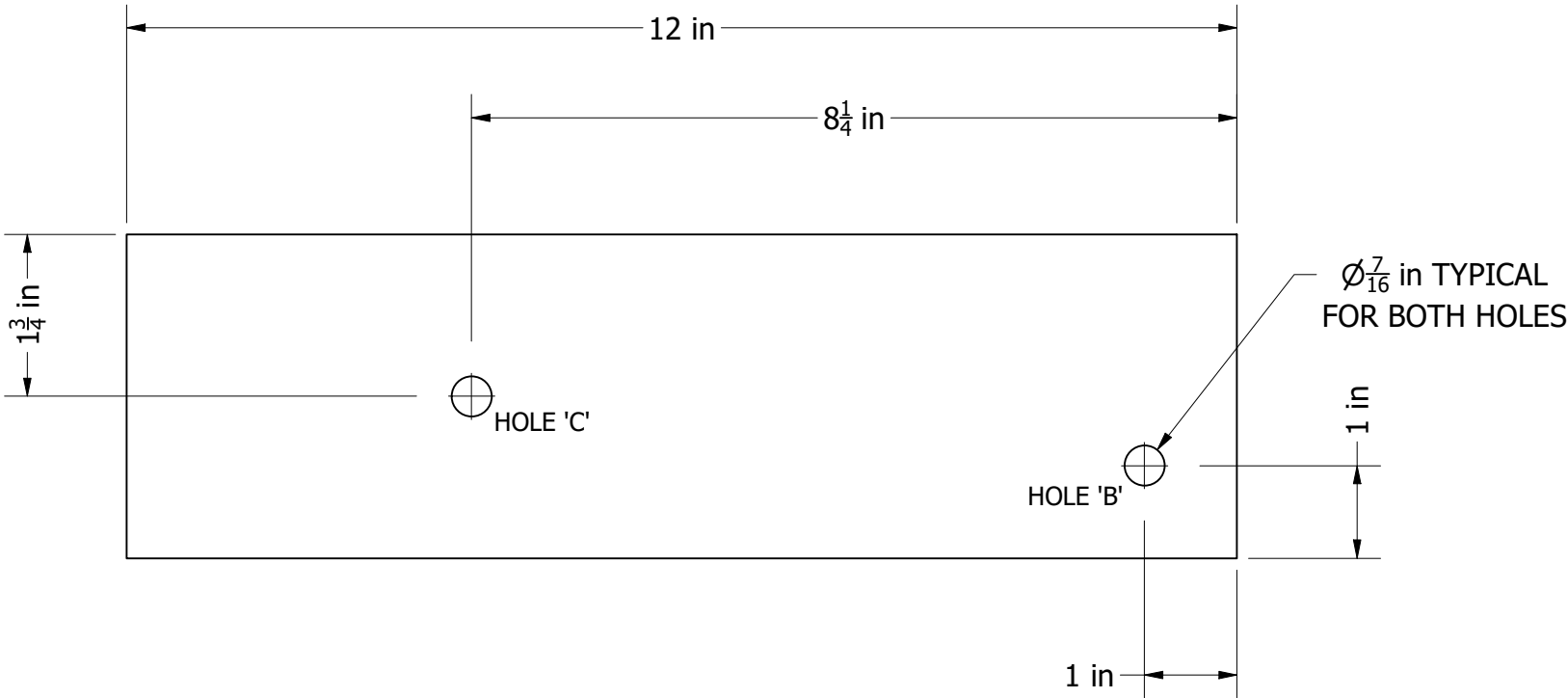
DATE 3/26/2025	DRAWN
ENGINEER	APPROVED BY
PROJECT	
DESCRIPTION OUTSIDE LEG	
WEIGHT	MATERIAL
DRAWING NO.	REV.
FILE OUTSIDE LEG.idw	

D

C

B

A



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
.....  
FABRICATION  
0 - 60 +/- 1/8"  
61 - 120 +/- 1/4"  
OVER 120 +/- 1/2"  
.....  
MACHINING DIMENSIONS  
2 - PLACE +/- 0.005"  
3 - PLACE +/- 0.015"  
ANGLES +/- 0.5°

DATE 3/26/2025	DRAWN
ENGINEER	APPROVED BY
PROJECT	
DESCRIPTION SEAT BRACE	
WEIGHT	MATERIAL
DRAWING NO.	REV.
FILE SEAT BRACE.idw	



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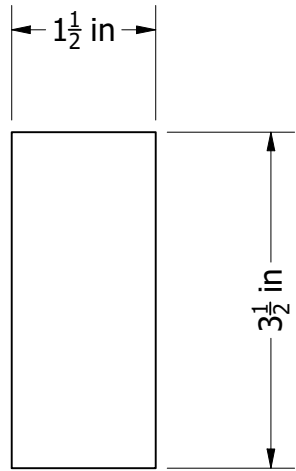
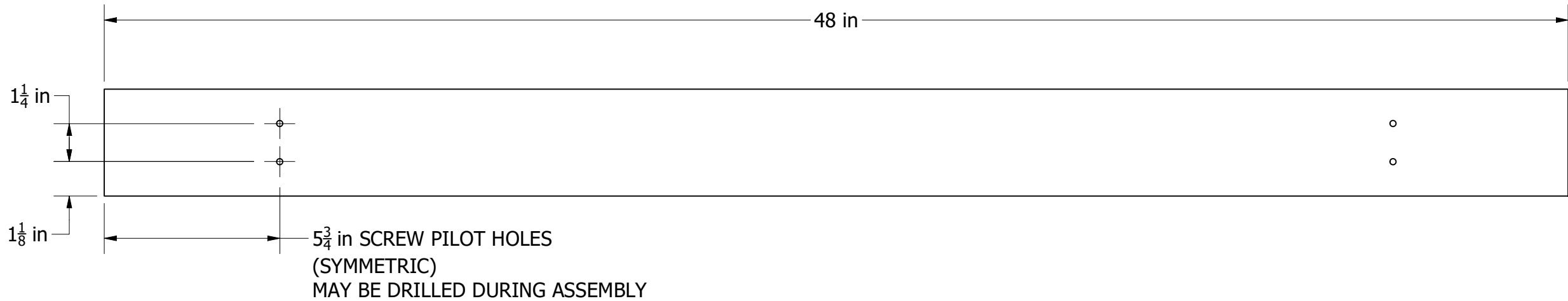
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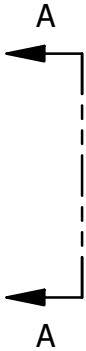
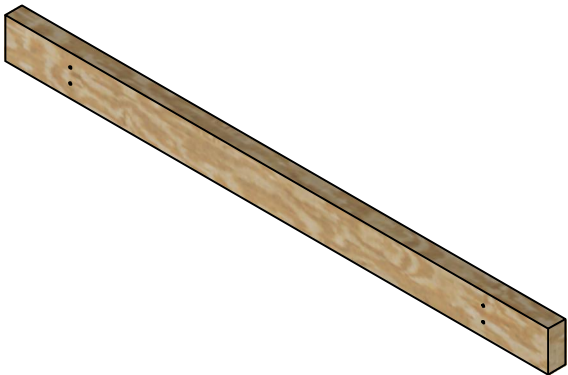
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VIEW A-A  
TYPICAL CROSS SECTION FOR ALL MEMBERS



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
.....  
FABRICATION  
0 - 60 +/- 1/8"  
61 - 120 +/- 1/4"  
OVER 120 +/- 1/2"  
.....  
MECHANICAL DIMENSIONS  
2 - PLACE +/- 0.05"  
3 - PLACE +/- 0.015"  
ANGLES +/- 0.5°

DATE 3/26/2025	DRAWN
ENGINEER	APPROVED BY
PROJECT	
DESCRIPTION SEAT/BACK	
WEIGHT	MATERIAL
DRAWING NO.	REV.
FILE SEAT-BACK.idw	