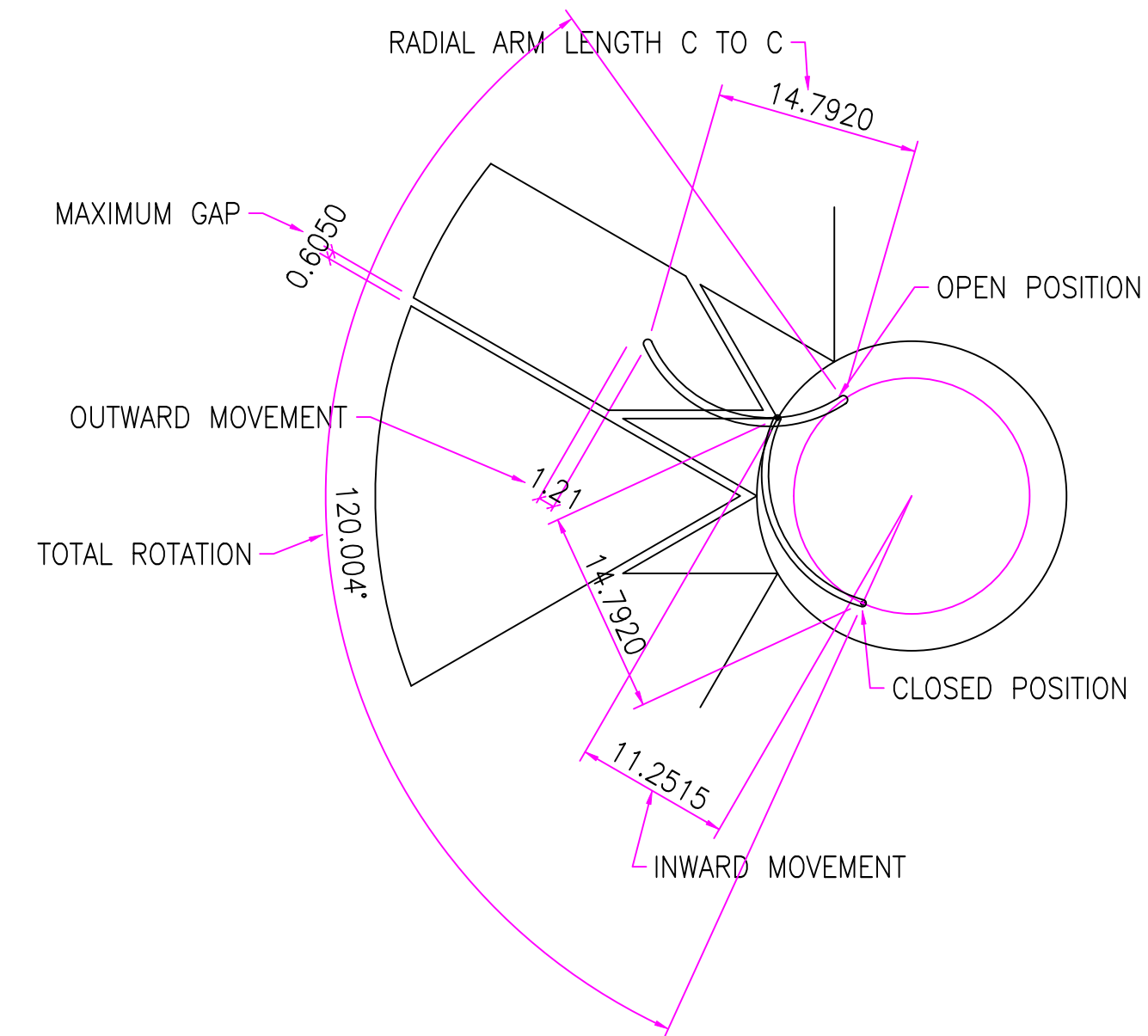
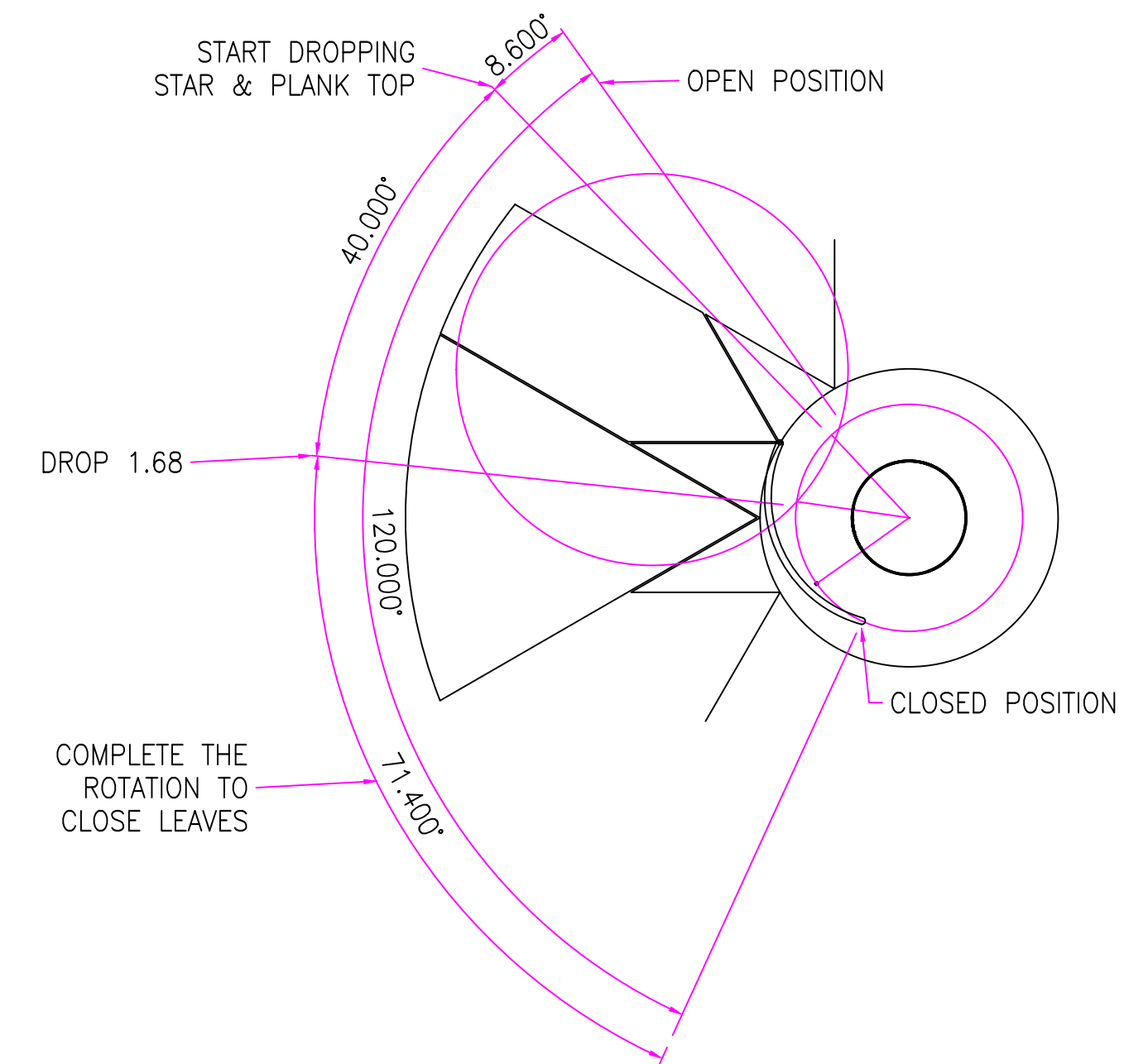


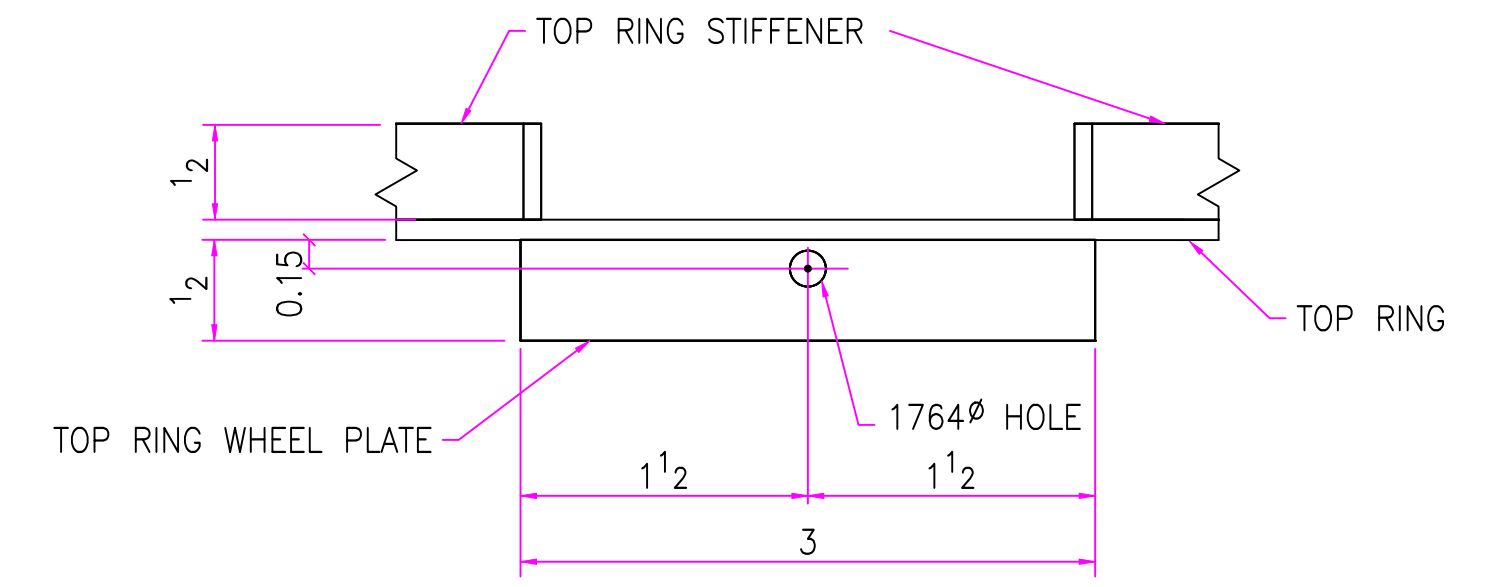
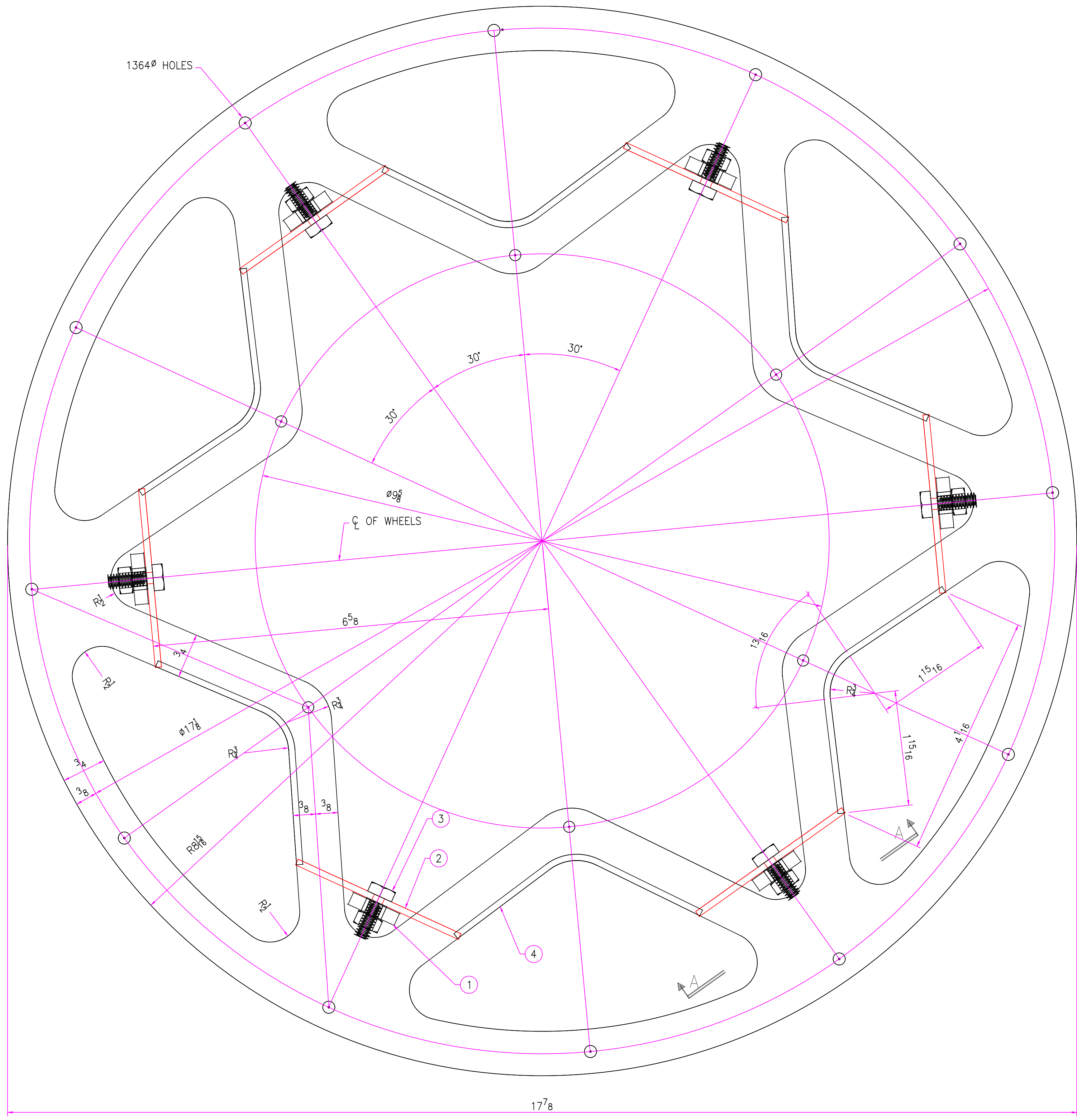
TOP OPENED



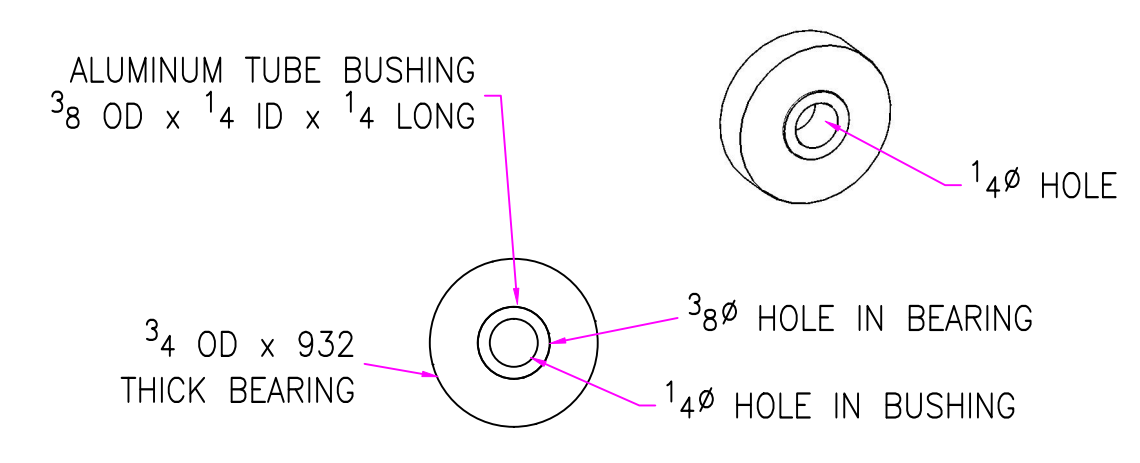
ROTATION ANGLES



ROTATION ANGLES

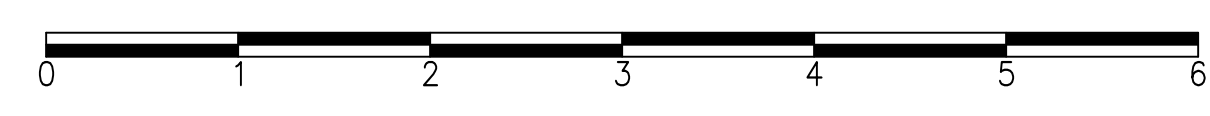


SECT. A-A  
**TOP RING WHEEL PLATE**  
 6 REQ'D  
 SCALE: FULL  
 R12GA



**BEARING WHEEL**  
 33 REQ'D  
 SCALE: FULL

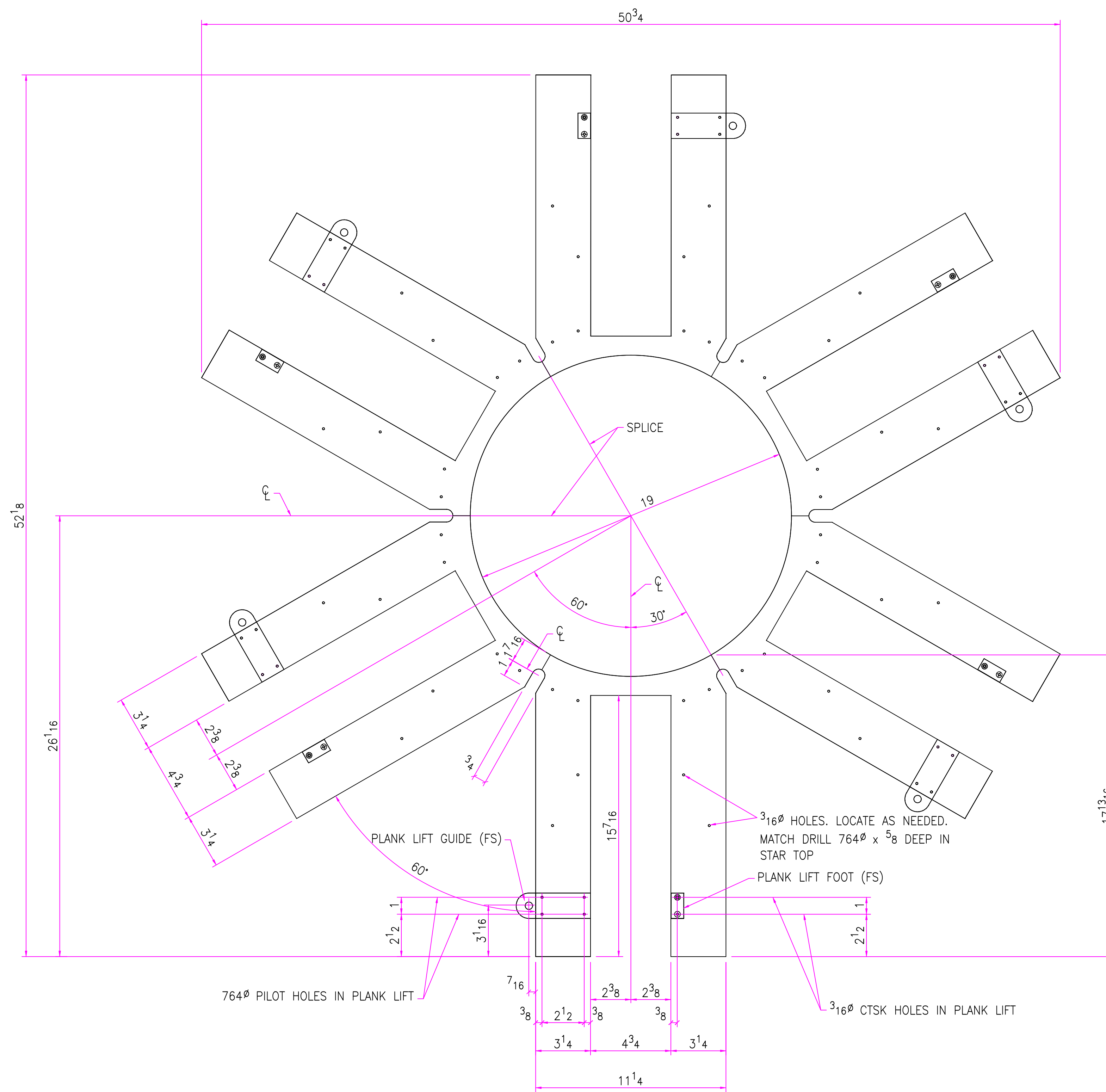
THIS WHEEL IS USED ON THE TOP RING TO HELP PREVENT THE MAIN BEARING FROM BEING DISTORTED IF TOO MUCH WEIGHT IS PLACED NEAR THE EDGE OF THE TABLE TOP.



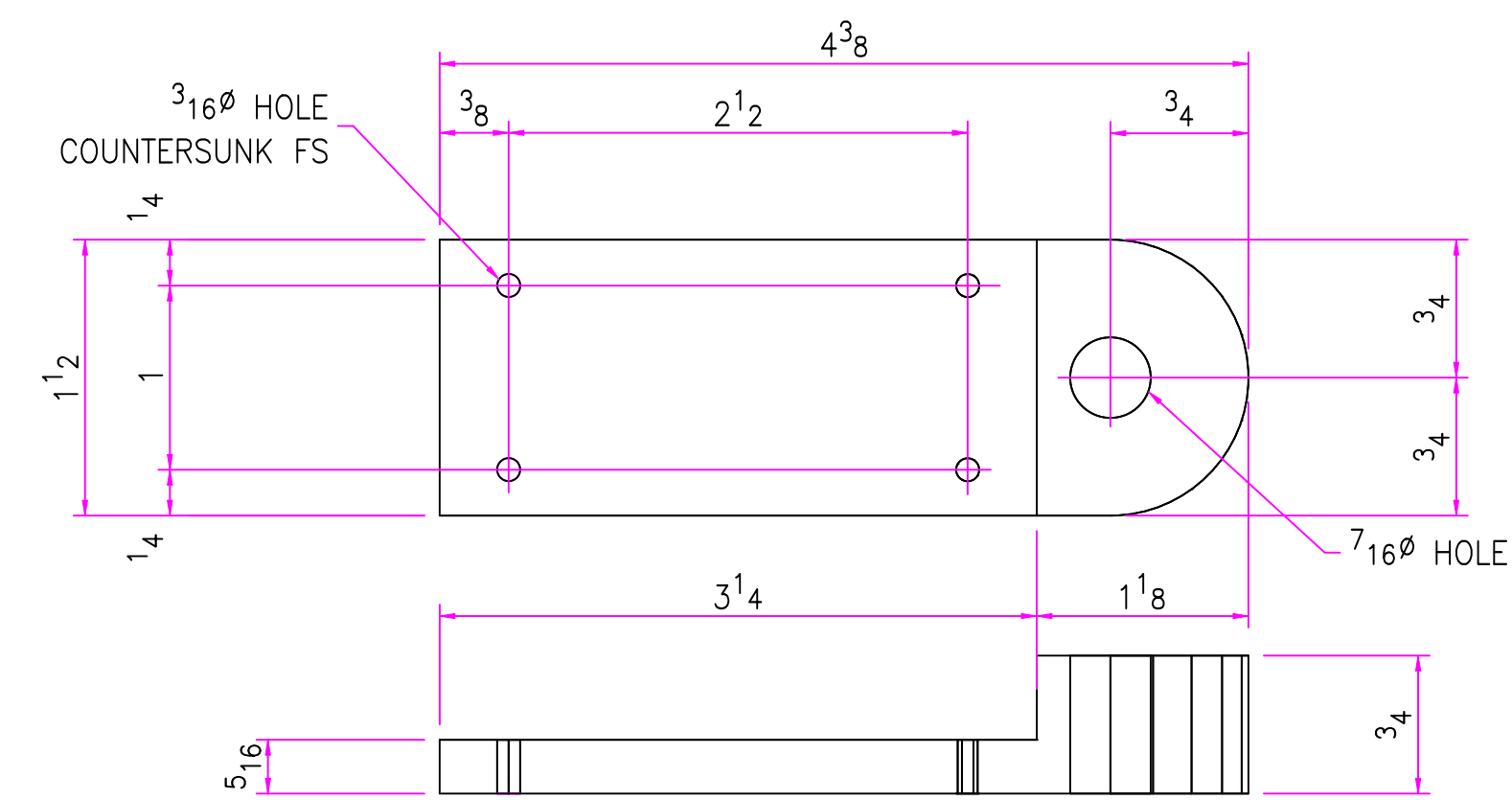
**TOP RING**  
**ONE REQ'D**  
 SCALE: FULL  
 R12GA

1. TOP RING WHEEL
2. TOP RING WHEEL PLATE
3. BOLT 1/4-20 x 3/4 W/NUT
4. STIFFENER

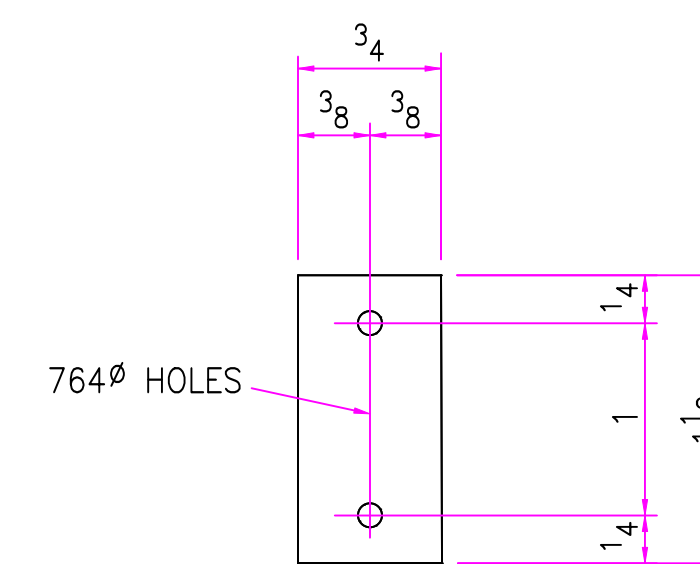
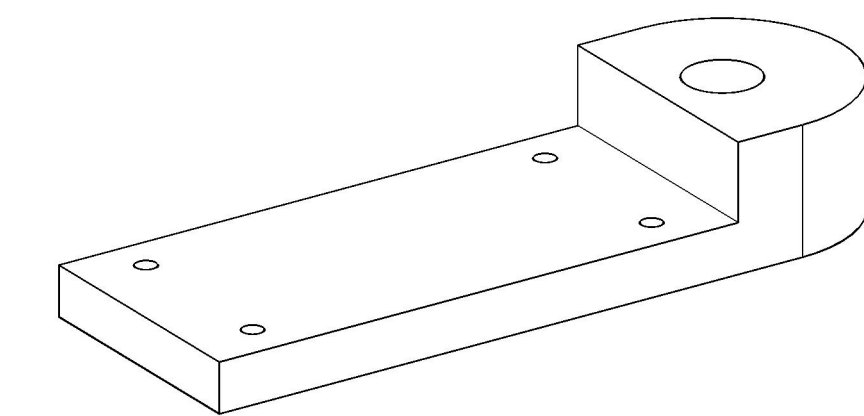
DESCRIPTION	DESCRIPTION	QUANTITY	SOURCE
1. (6) PLANK TO CLAMP -	(4) #10 x 1 SS PAN HEAD WOOD SCREW	24	BOLT DEPOT
2. (6) WEDGE TO CLAMP -	(6) #10 x 1 SS PAN HEAD WOOD SCREW	36	BOLT DEPOT
3. (24) PLANK SLOT R -	(2) #8 x 3/4 BRASS FLAT HEAD WOOD SCREW	48	BOLT DEPOT
4. (24) WEDGE ALIGN TAB -	(2) #8 x 3/4 BRASS FLAT HEAD WOOD SCREW	48	BOLT DEPOT
5. (6) WEDGE POINT R -	(2) #8 x 3/4 BRASS FLAT HEAD WOOD SCREW	12	BOLT DEPOT
6. (12) STAR ALIGN TAB -	(2) #8 x 3/4 SS FLAT HEAD WOOD SCREW	24	BOLT DEPOT
7. (6) STAR POINT R -	(4) #4 x 5/8 SS FLAT HEAD WOOD SCREW	24	BOLT DEPOT
8. (6) PLANK GUIDE R -	(4) 5mm x 8 mm SS SOCKET HEAD CAP SCREW	24	BOLT DEPOT
9.	(2) FLANGED LINEAR BEARING 8mm ID	12	AMAZON
10.	(2) ROD 8mm	12	AMAZON
11. (6) WEDGE GUIDE R -	(4) 5mm x 8 mm SS SOCKET HEAD CAP SCREW	24	BOLT DEPOT
12.	(2) ROD 8mm	18	AMAZON
13.	(1) 5/16 HEXAGON ROD	6	McMASTER-CARR
14. (1) STAR RAMP TOP R -	(6) #8 x 3/4 SS FLAT HEAD WOOD SCREW	6	BOLT DEPOT
15. (3) RAMP WHEEL BOLT -	(1) BOLT 1/4-20 x 1 1/2	3	BOLT DEPOT
16.	(1) 1/4-20 LOCK NUT	3	BOLT DEPOT
17.			
18. (12) RADIAL ARMS -	(2) #10-32 x 3/4 SS SOCKET CAP SCREW	24	BOLT DEPOT
19.	(2) #10-32 SS LOCK LOCK NUT	24	BOLT DEPOT
20.	(4) #10 SS WASHER	48	BOLT DEPOT
21.	(2) SS TUBE 1/4 OD x .194 ID	24	89495K775 McMASTER-CARR
22. (1) TOP RING TO COLUMN -	(6) 3/16 x 1 1/2 WOOD SCREW	6	BOLT DEPOT
23. (1) BEARING TO COLUMN -	(6) 3/16 x 1 1/2 WOOD SCREW	6	BOLT DEPOT
24. (1) BEARING TO ROTATING BASE -	(6) 1/4-20 x 1 3/4	6	BOLT DEPOT
25. (4) LEG TO COLUMN -	(2) 3/8 x 3 WOOD SCREW TO MACHINE SCREW	8	90207A636 McMASTER-CARR
26.	(2) 3/8-16 NUT	8	BOLT DEPOT
27.	(2) 3/8 WASHER	8	BOLT DEPOT
28.			
29. (1) BEARING 7/8 OD x 3/8 ID x 932 WIDE		33	
30. (1) BOLT 1/4-20 x 3/4 -	(6) @ INNER RING WHEEL	6	BOLT DEPOT
16. (1) BOLT 1/4-20 x 2 1/2 -	(6) @ OUTER RAMP WHEEL	6	BOLT DEPOT
17. (1) BOLT 1/4-20 x 1 1/2 -	(6) @ OUTER RING WHEEL	6	BOLT DEPOT
18. (1) BOLT 1/4-20 x 1 1/2 -	(12) @ WEDGE WHEEL	12	BOLT DEPOT
19.	(30) 1/4-20 LOCK NUT	30	BOLT DEPOT
20.	(60) 1/4 FLAT WASHER	60	BOLT DEPOT
33.			
34. (6) PLANK LIFT GUIDE -	(4) #8 x 3/4 FLAT HEAD WOOD SCREW	24	BOLT DEPOT
35. (6) PLANK LIFT FOOT -	(2) #8 x 1 1/4 FLAT HEAD WOOD SCREW	12	BOLT DEPOT
36. (1) PLANK LIFT TO STAR -	(48) #8 x 1 1/4 FLAT HEAD WOOD SCREW	48	BOLT DEPOT
37. (6) WEDGE WHEEL BEARING PLATE -	(4) #8 x 1 1/4 FLAT HEAD WOOD SCREW	24	BOLT DEPOT
38. (6) OUTER RING BEARING PLATE -	(4) #8 x 1 1/4 FLAT HEAD WOOD SCREW	24	BOLT DEPOT
39. (6) OUTER RAMP TO OUTER RING -	(8) #8 x 1 FLAT HEAD WOOD SCREW	48	BOLT DEPOT
40. (1) ROTATING BASE BOTTOM -	(30) #10 x 1 1/4 FLAT HEAD WOOD SCREW	30	BOLT DEPOT
41. (12) 15mm GUIDE RAILS -	(4) #8 x 1 FLAT HEAD WOOD SCREW	24	BOLT DEPOT
42.			
43.			
44. 4'-0 x 8'-0 x 3/4 BIRCH PLYWOOD		1	
45. 4'-0 x 8'-0 x 1/2 BIRCH PLYWOOD		1	
46. 1 x 6 x 3'-0 HARD WOOD FOR LEGS AND OUTER RING		40	
47.			
48. PLATE 12GA		1	METALSDEPOT.COM
49. PLATE 1/4		1	METALSDEPOT.COM
50. BRASS 1/8 x 3/8 x 2'-0		3	METALSDEPOT.COM
51. BRASS 1/8 x 1/2 x 2'-0		5	METALSDEPOT.COM
52. BRASS 1/8 x 1 x 1'-0		3	METALSDEPOT.COM
53. CUTTER WHEEL 2 3/4 OD	3062A61	1	McMASTER-CARR
54. NARROW-WIDTH KEYSEAT CUTTER	2970A45	1	McMASTER-CARR
55. SS TUBE 1/4 OD x .194 ID x 1'-0	89495K775	1	McMASTER-CARR
56. ALUM TUBE 3/8 OD x .259 ID x 1'-0	1968T68	1	McMASTER-CARR
57. ROTARY BEARING 12 1/2	18635A52	2	McMASTER-CARR



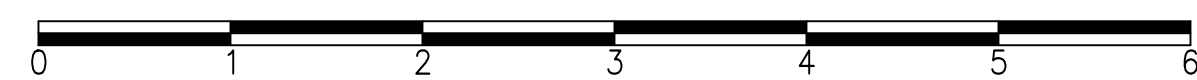
PLANK LIFT TEMPLATE  
 ONE REQ'D  
 SCALE: 3" = 1'-0"  
 TOP VIEW  
 1/2 HARDWOOD PLYWOOD

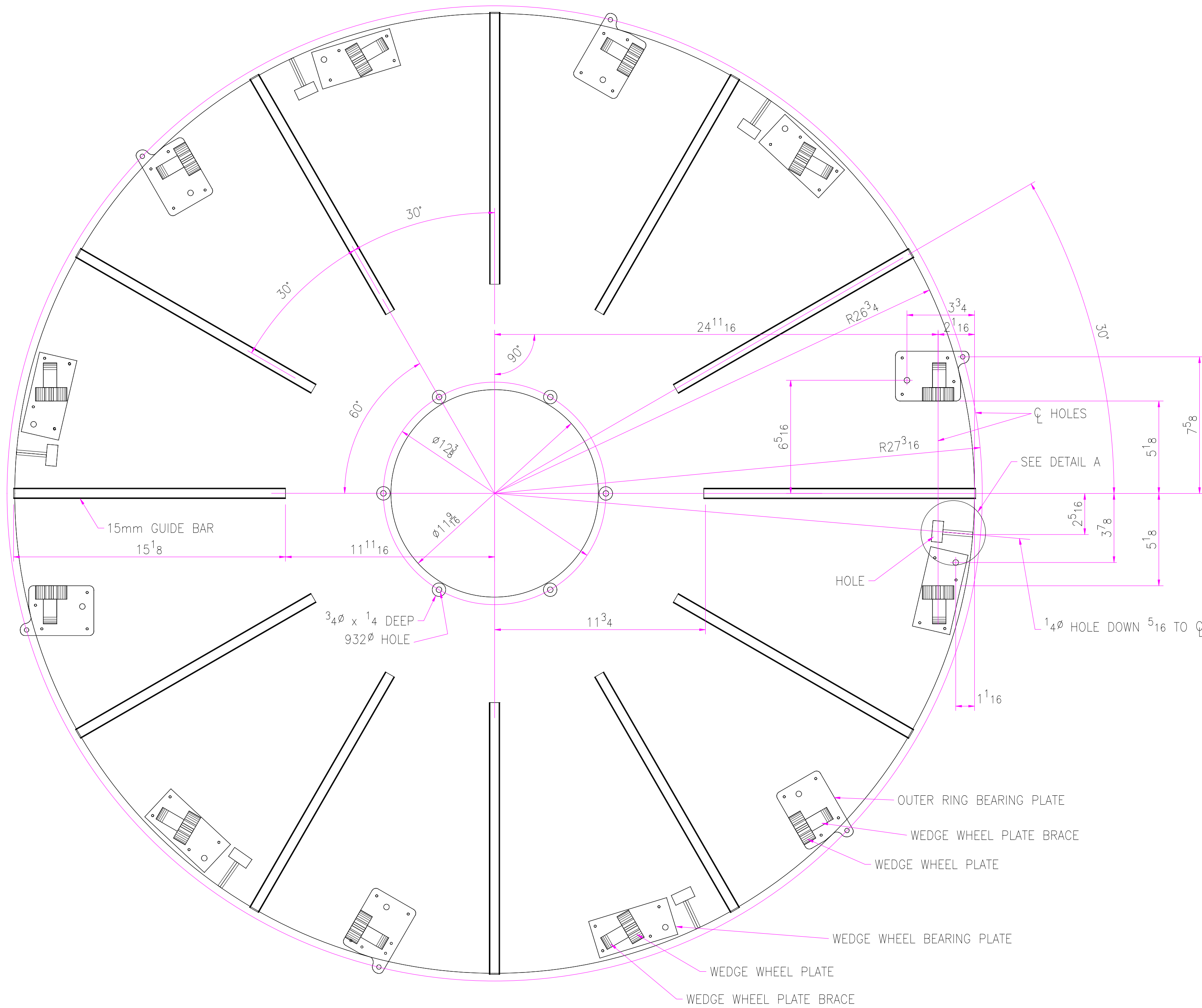


PLANK LIFT GUIDE  
 6 REQ'D  
 SCALE: FULL  
 3/4 HARDWOOD PLYWOOD

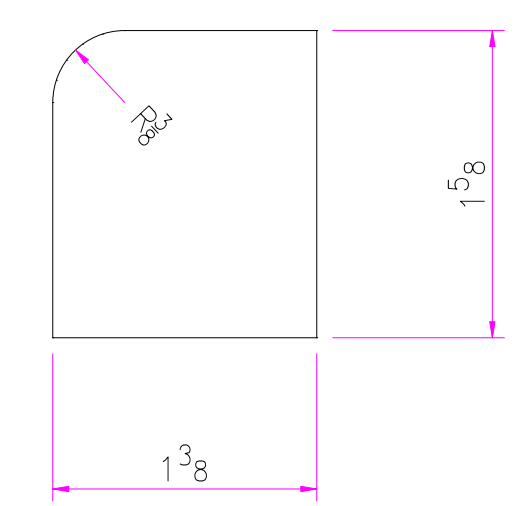


PLANK LIFT FOOT  
 6 REQ'D  
 SCALE: FULL  
 1/16 THICK WOOD

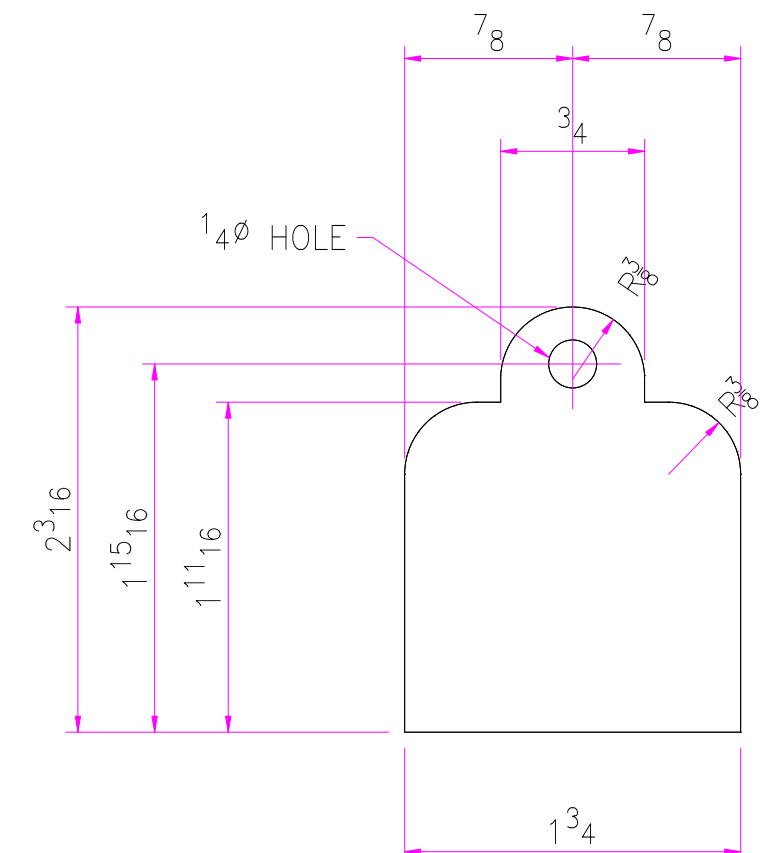




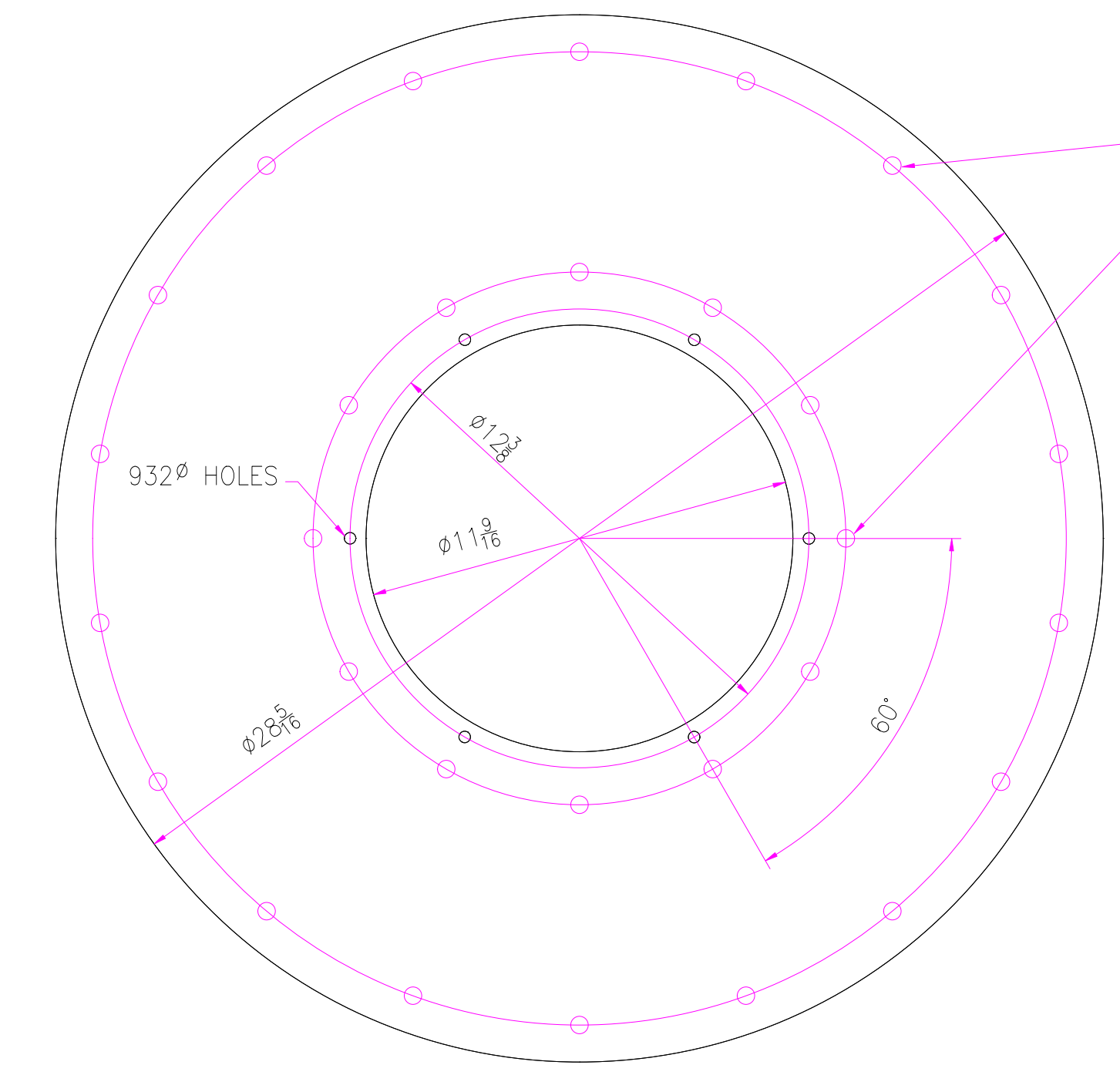
ROTATING BASE TOP PLATE  
 ONE REQ'D  
 SCALE: 3"=1'-0"  
 $3/4$  HARDWOOD PLYWOOD



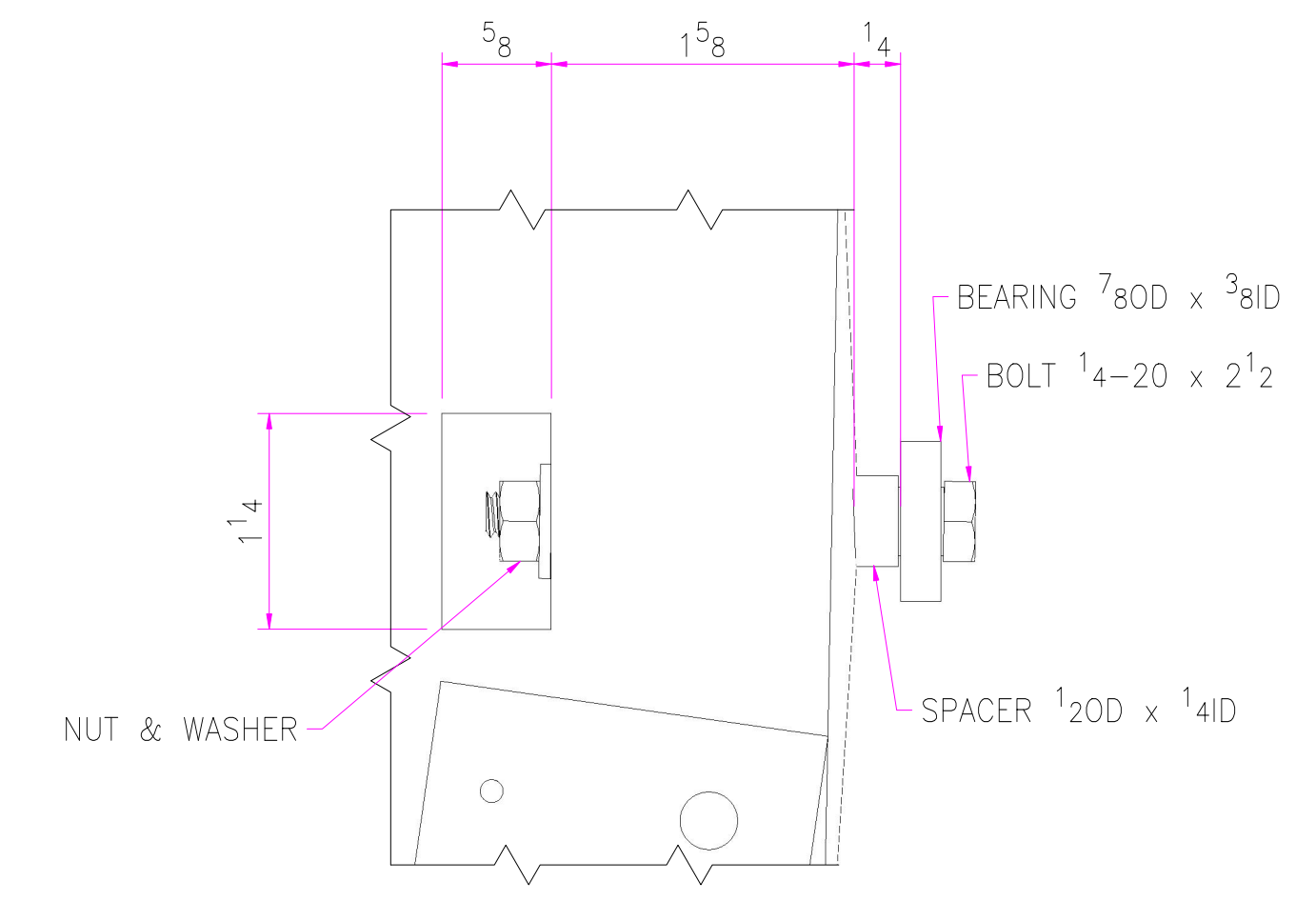
WEDGE WHEEL PLATE BRACE  
 12 REQ'D  
 SCALE: FULL  
 $3/4$  HARDWOOD PLYWOOD



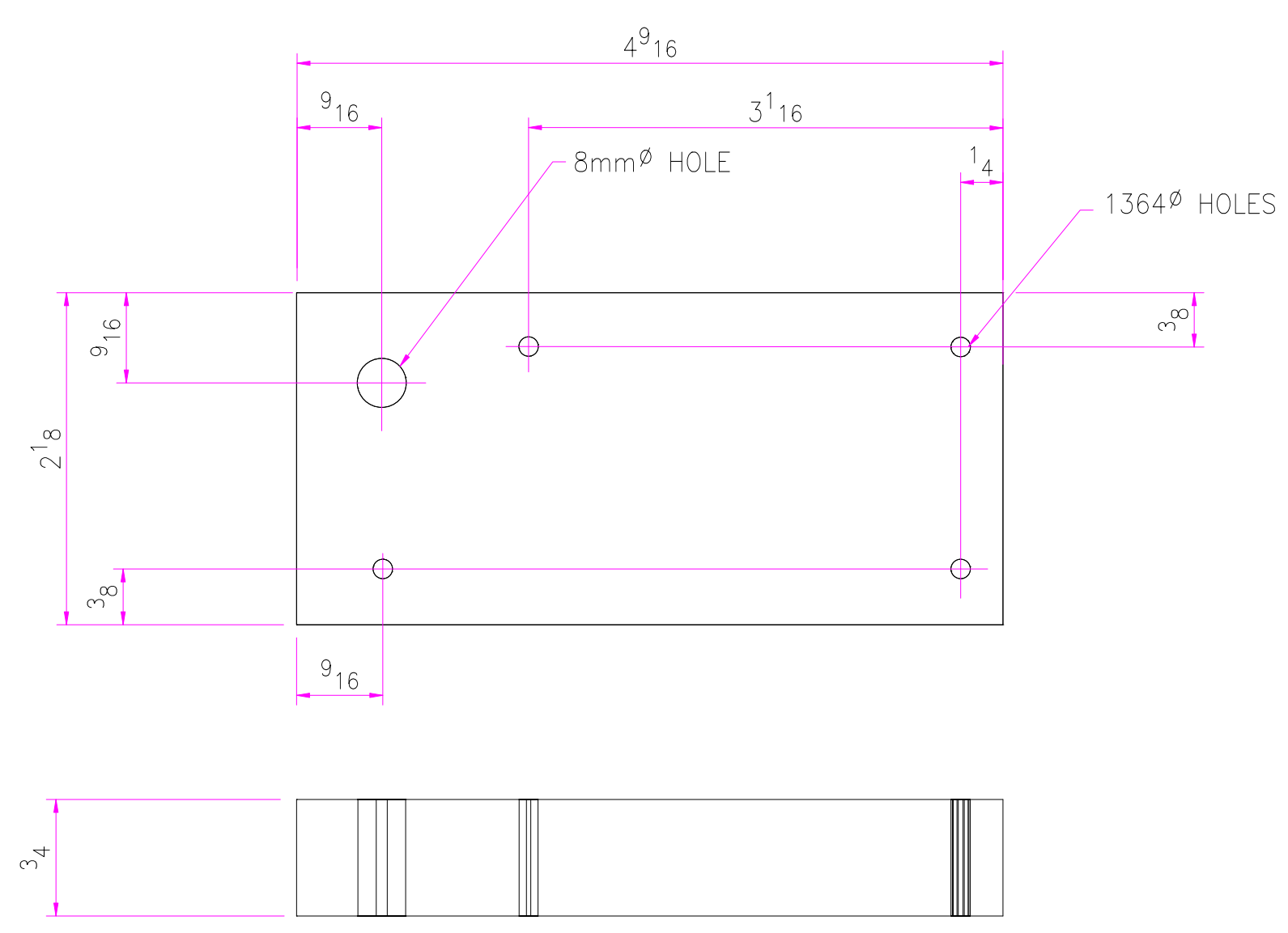
WEDGE WHEEL PLATE  
 12 REQ'D  
 SCALE: FULL  
 $3/4$  HARDWOOD PLYWOOD



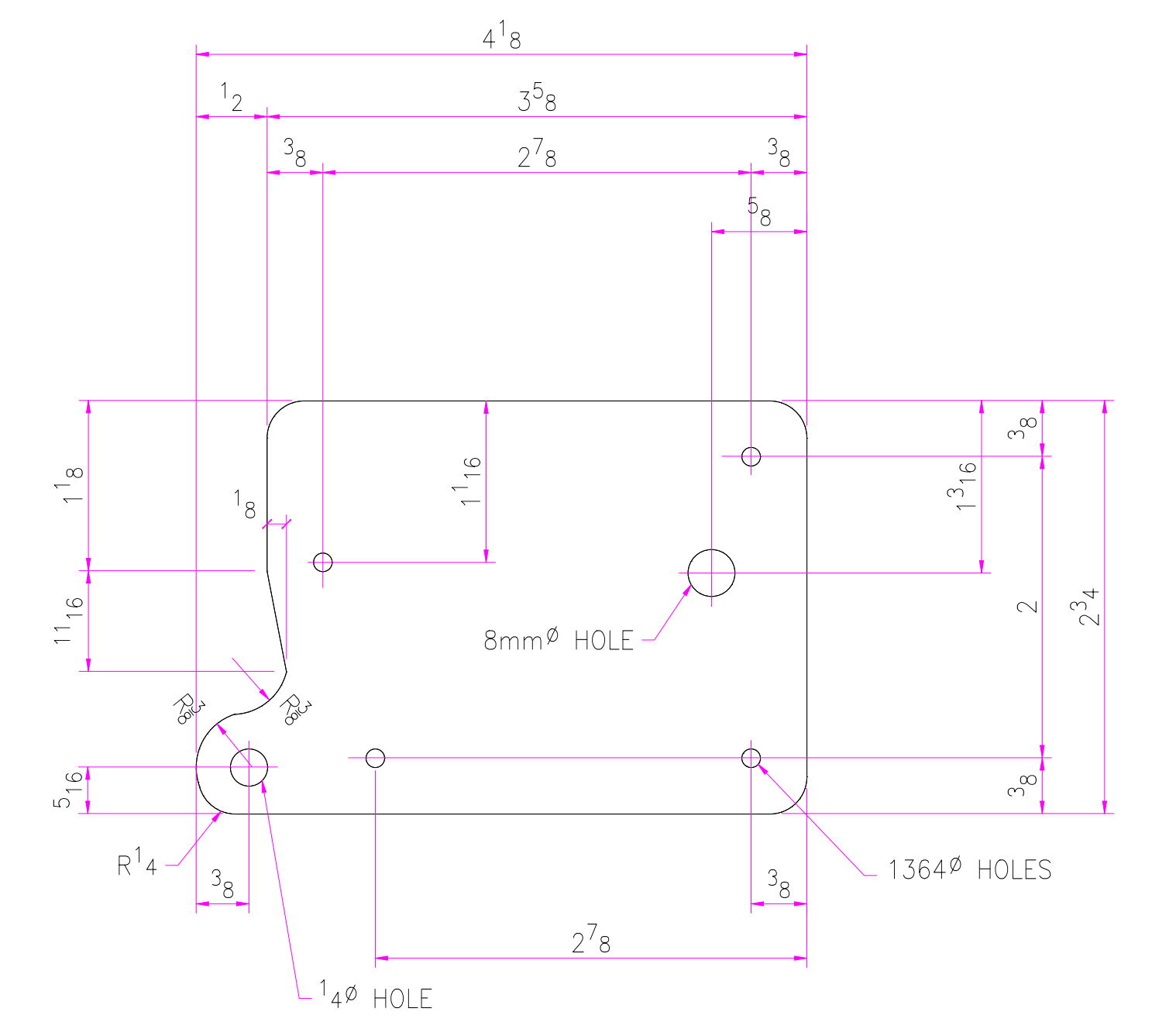
ROTATING BASE BOTTOM PLATE TEMPLATE  
 ONE REQ'D  
 SCALE: 3"=1'-0"  
 $3/4$  HARDWOOD PLYWOOD



DETAIL A

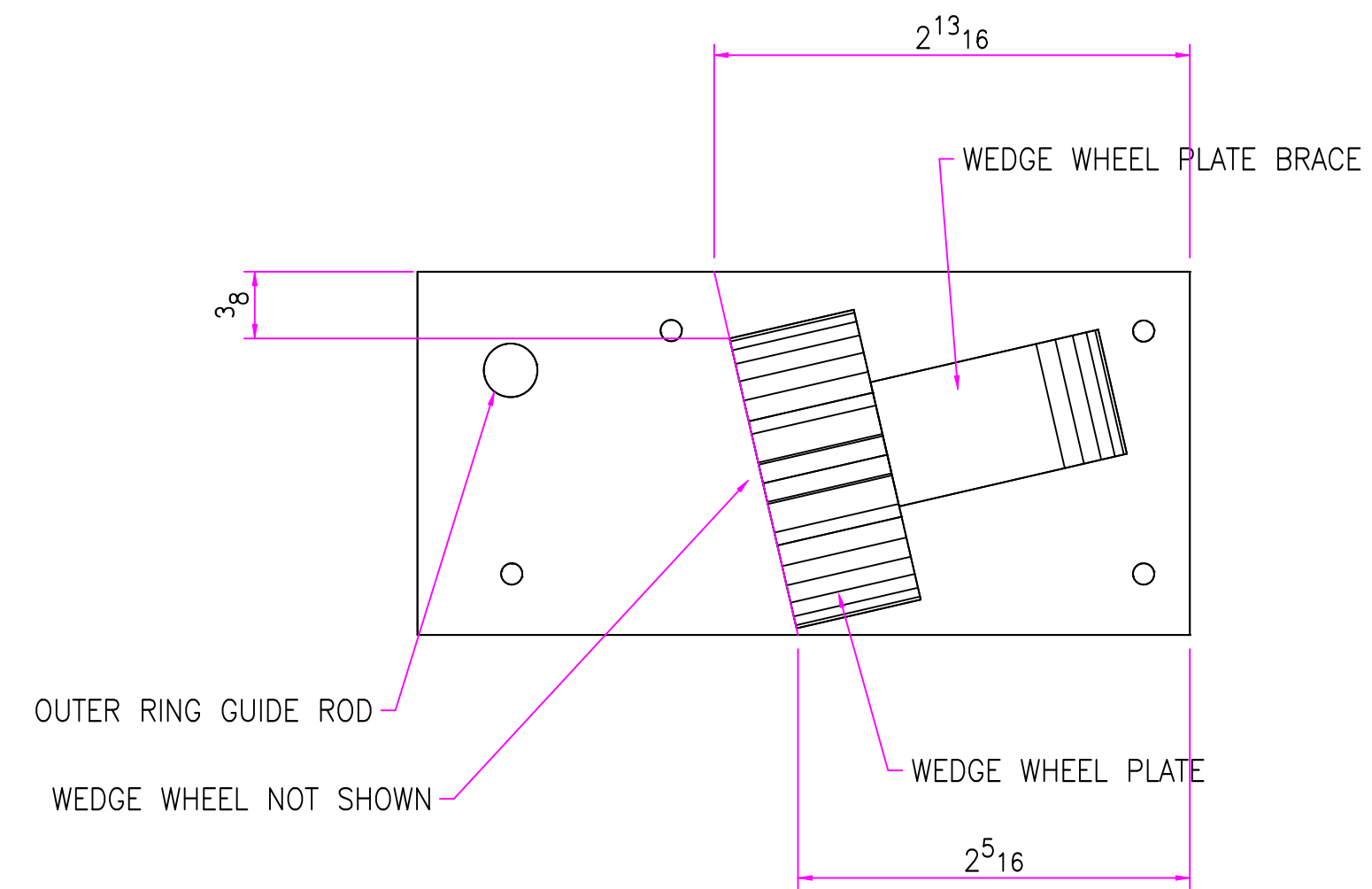
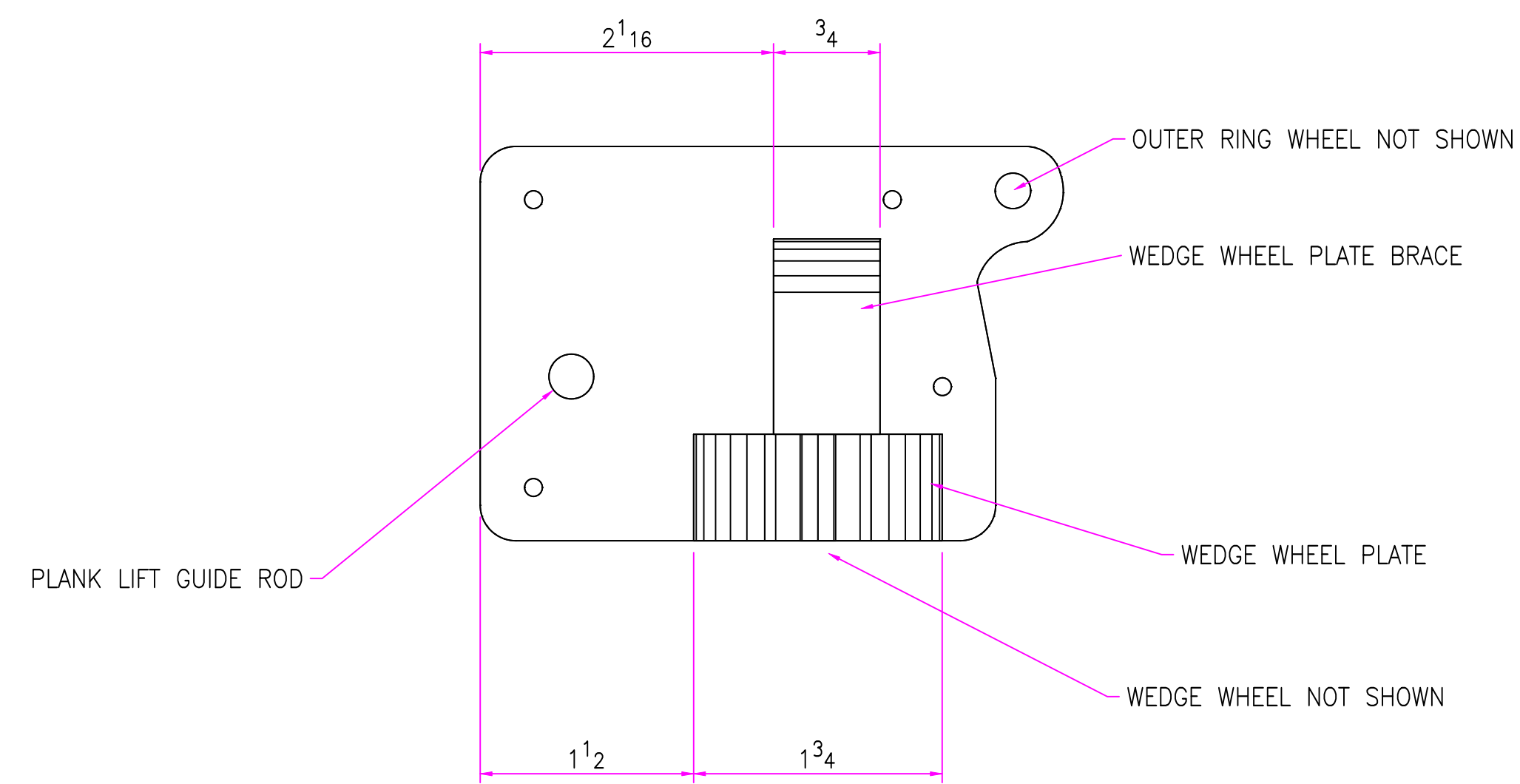
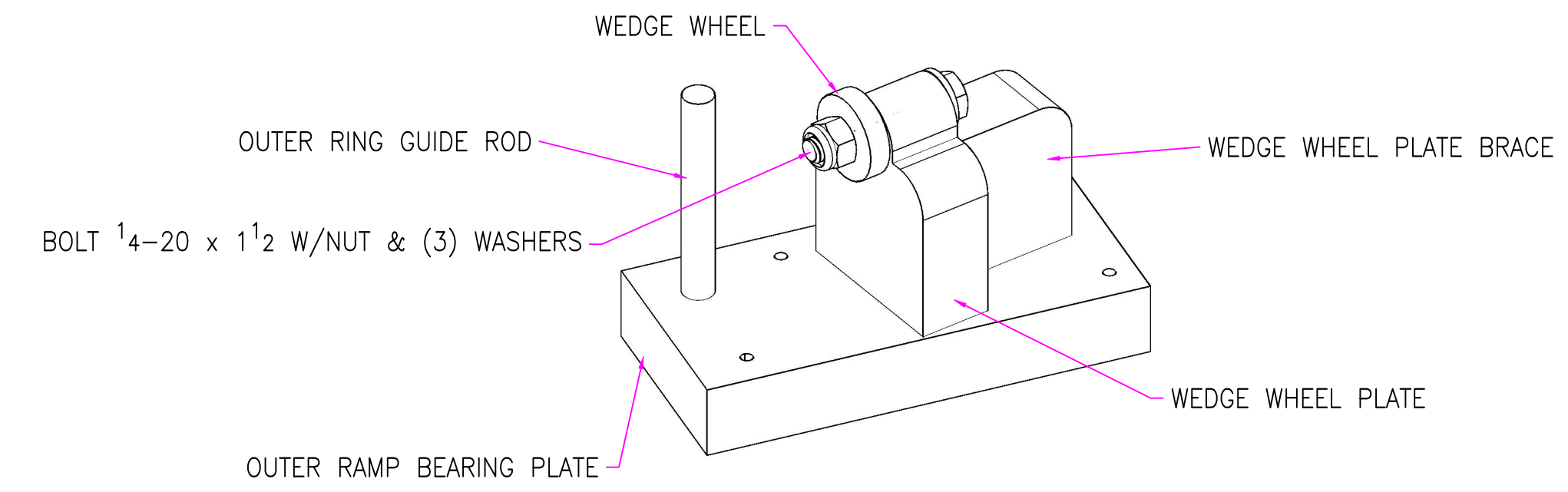
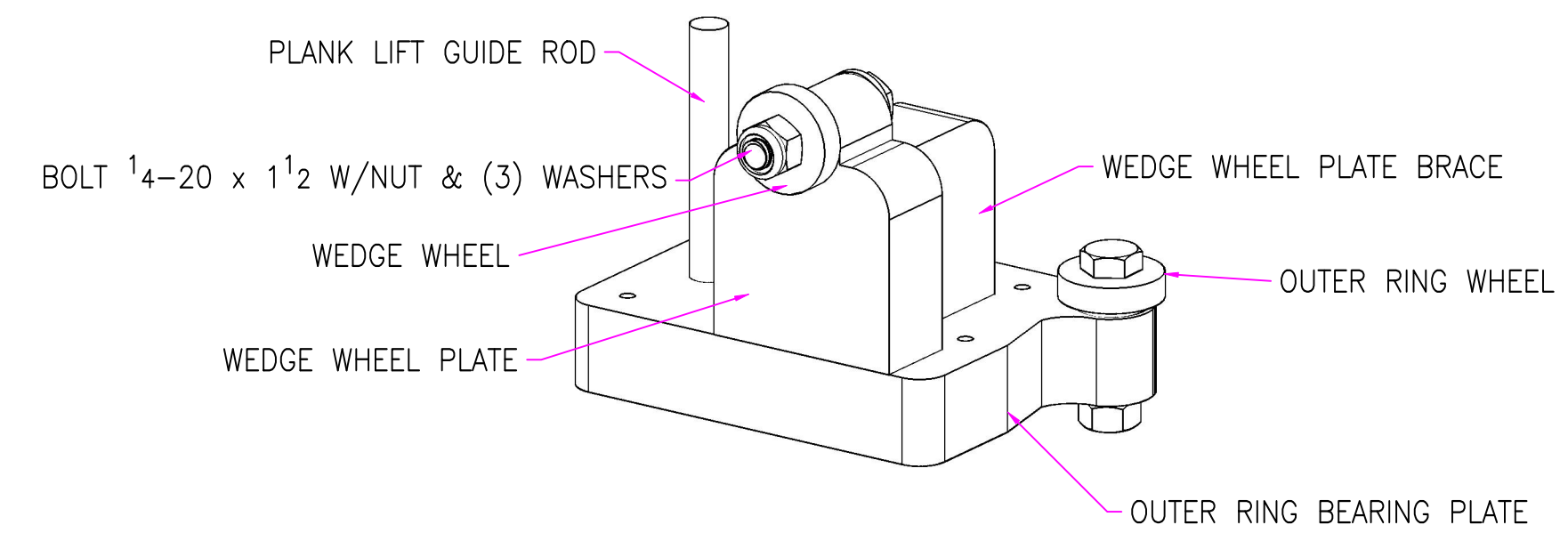


OUTER RAMP BEARING PLATE  
 6 REQ'D  
 SCALE: FULL  
 $3/4$  HARDWOOD PLYWOOD



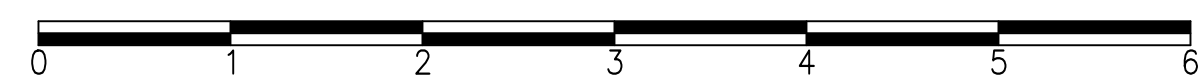
OUTER RING BEARING PLATE  
 6 REQ'D  
 SCALE: FULL  
 $3/4$  HARDWOOD PLYWOOD

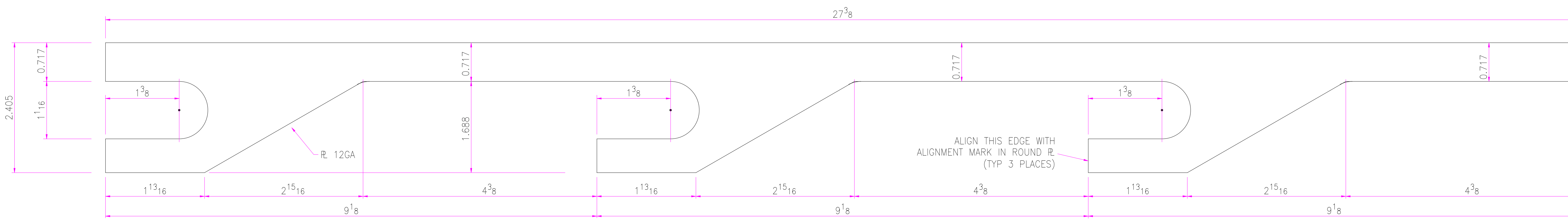




OUTER RING BEARING PLATE ASSEMBLY  
6 REQ'D  
SCALE: FULL

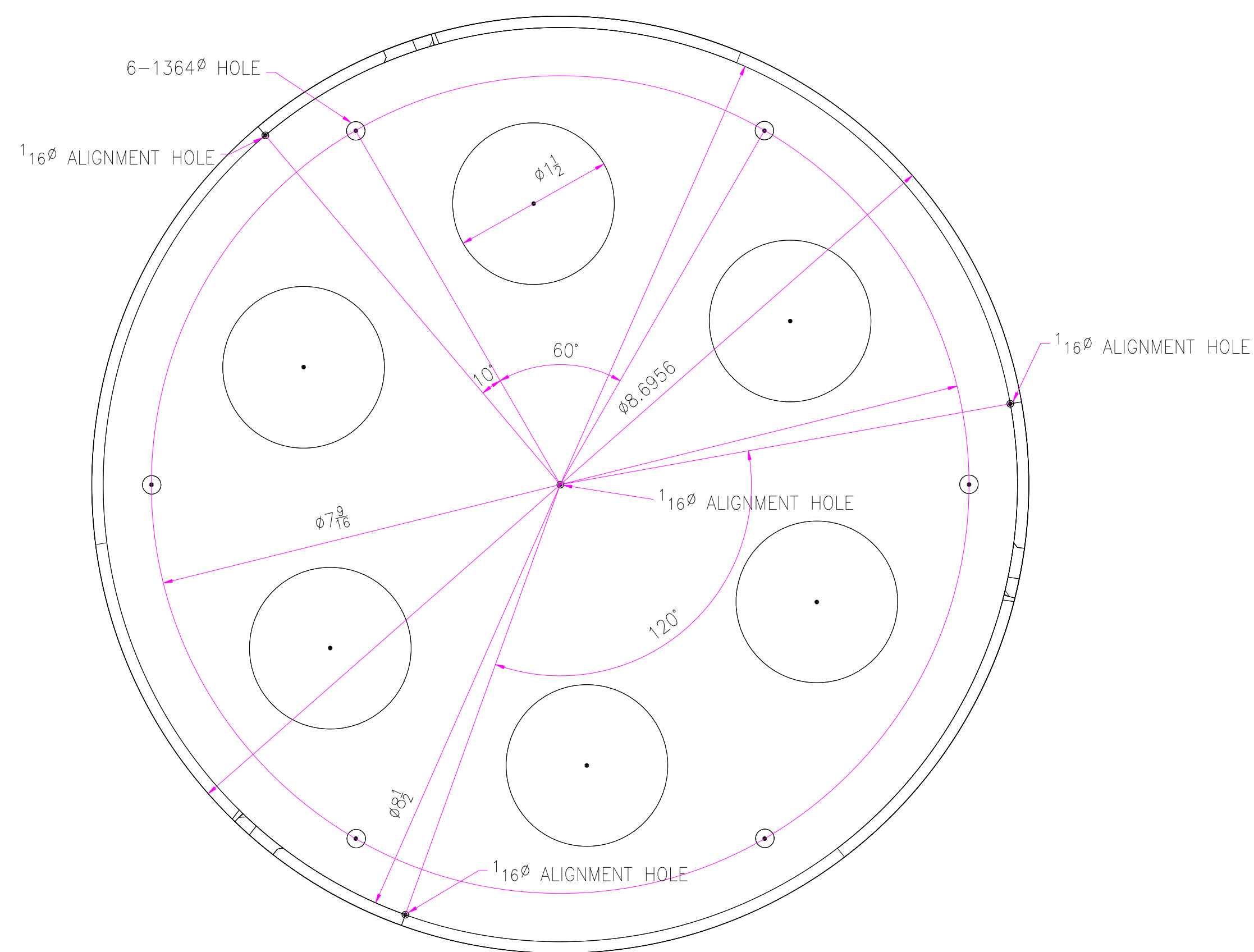
WEDGE WHEEL BEARING PLATE ASSEMBLY  
6 REQ'D  
SCALE: FULL





STAR RAMP PAPER TEMPLATE

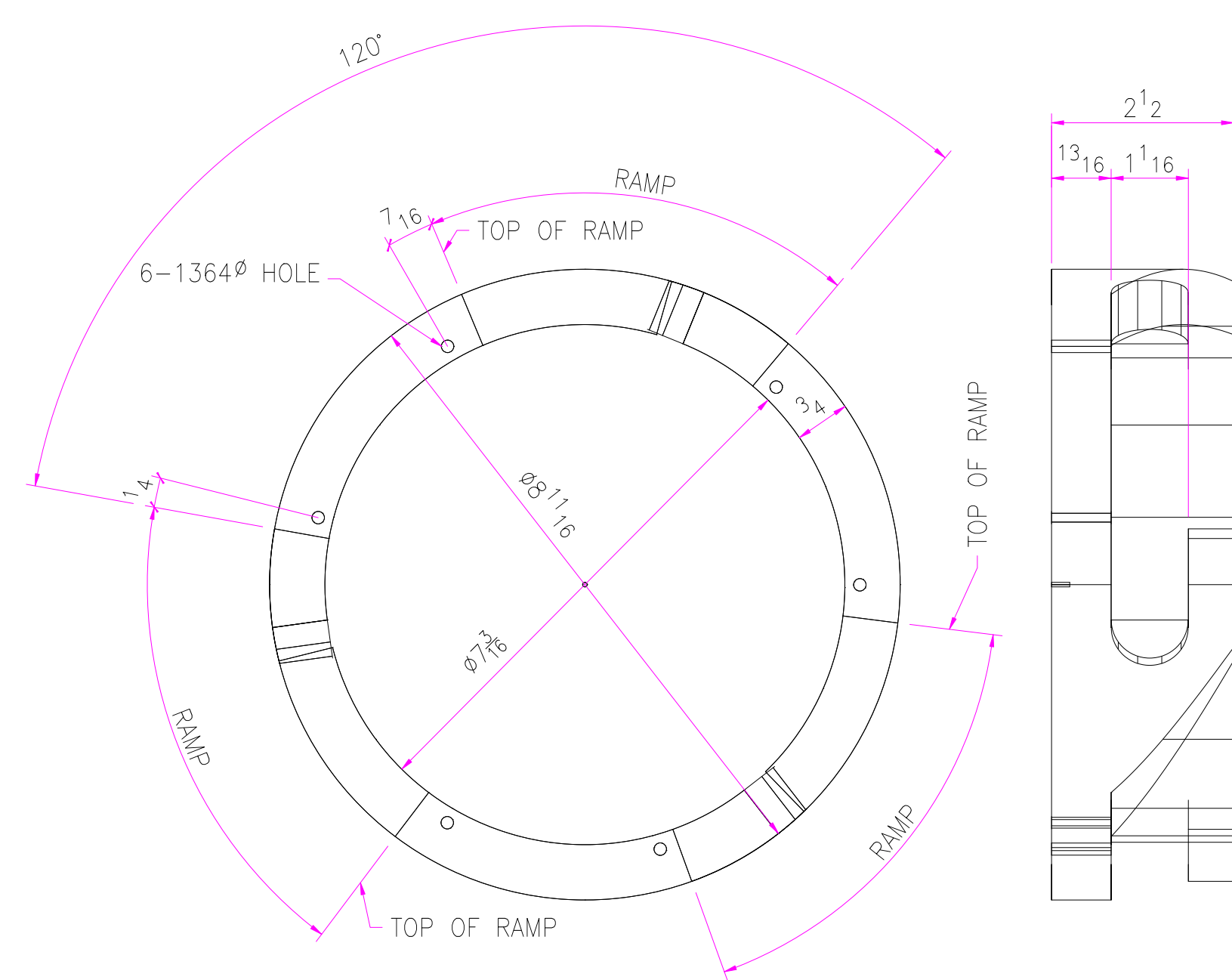
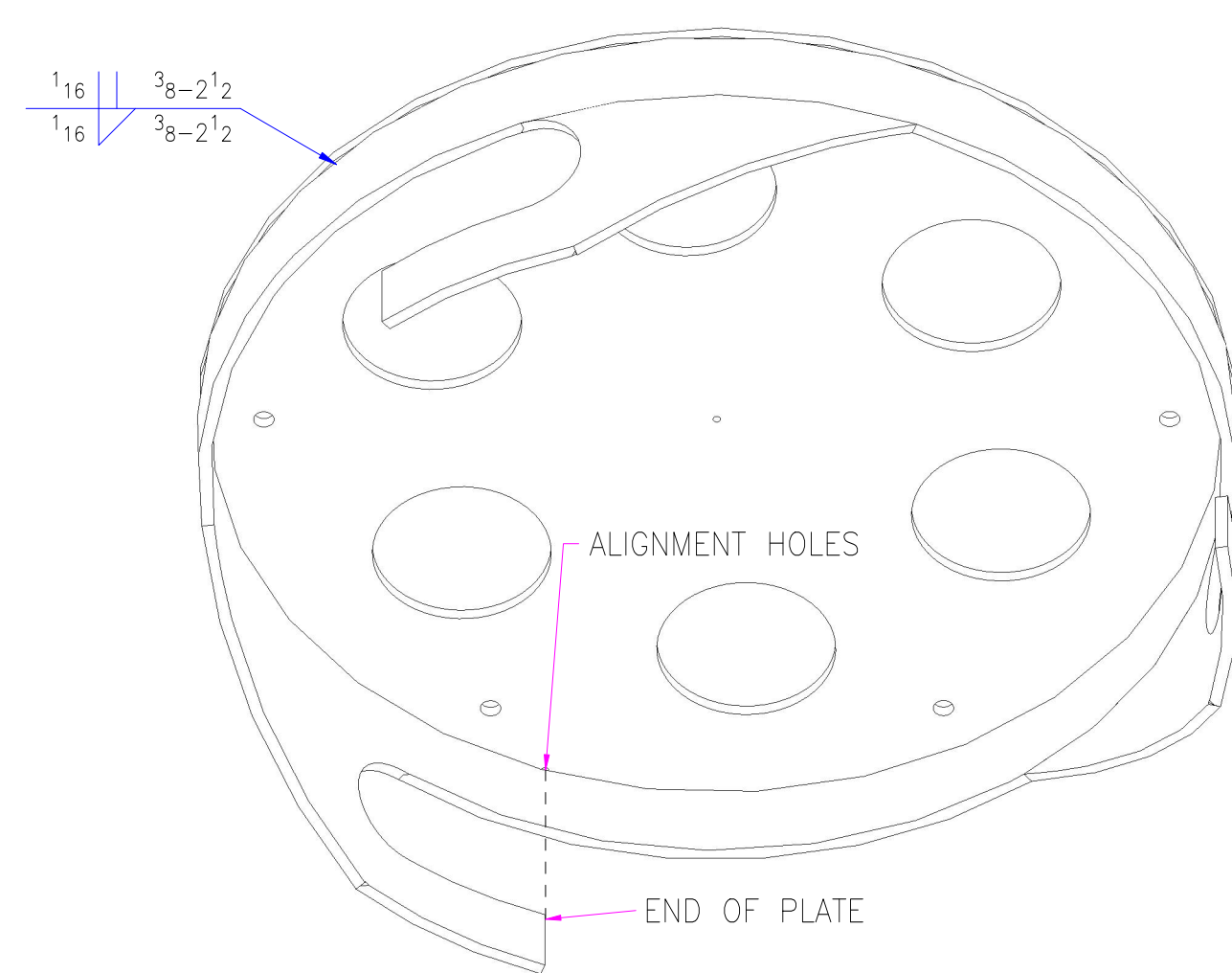
WRAP AROUND ROLLED PLATE  
SCALE: FULL



STAR RAMP  
ONE REQ'D

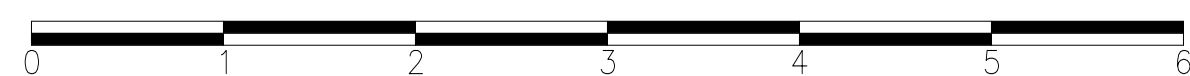
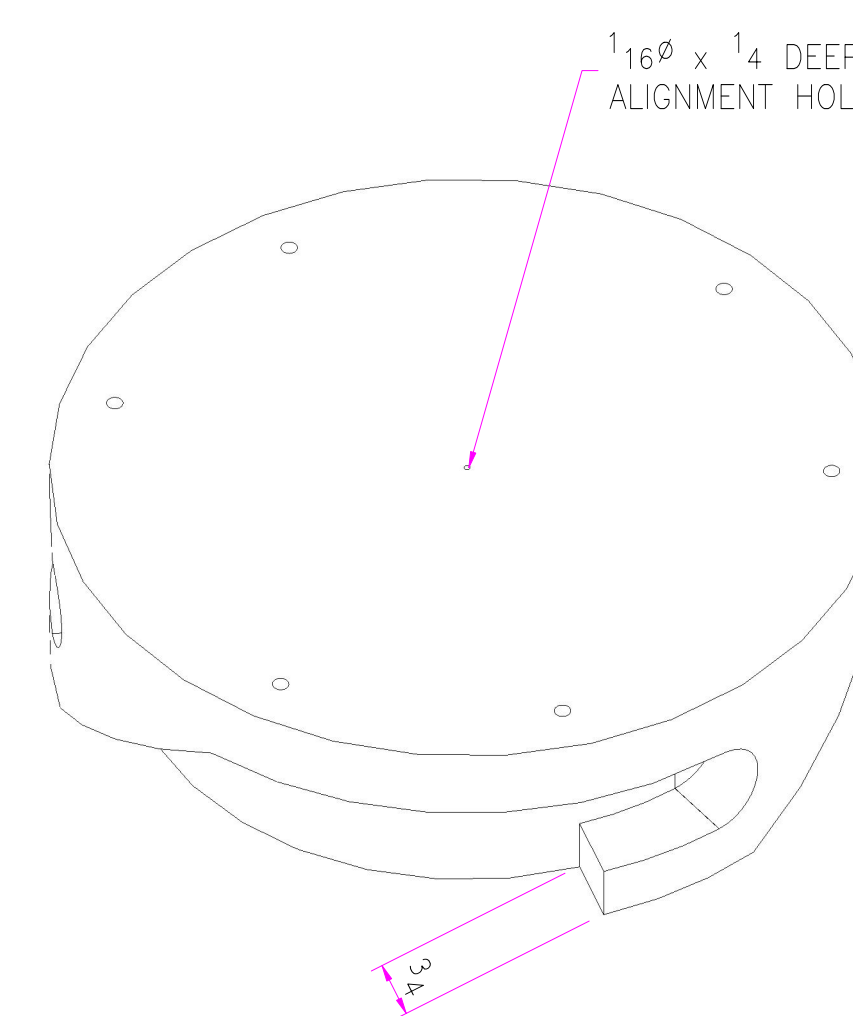
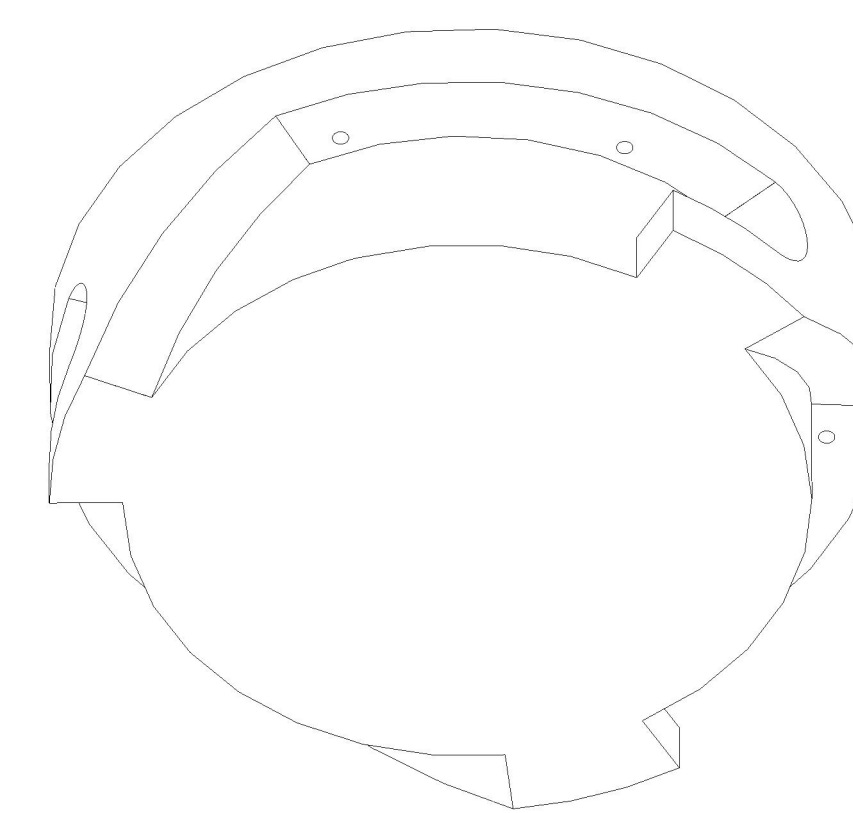
SCALE: FULL  
BOTTOM VIEW  
R.12GA

IF THE STAR TOP SITS TOO LOW, PUT PAPER SHIMS BETWEEN THE RAMP AND THE TOP.



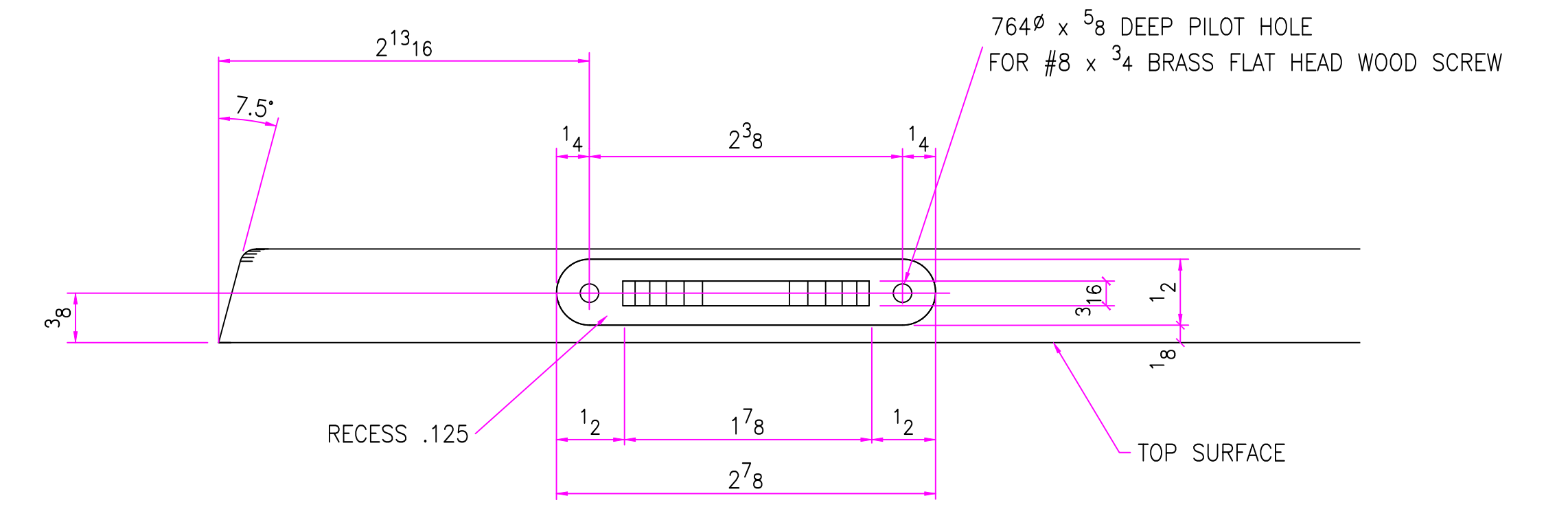
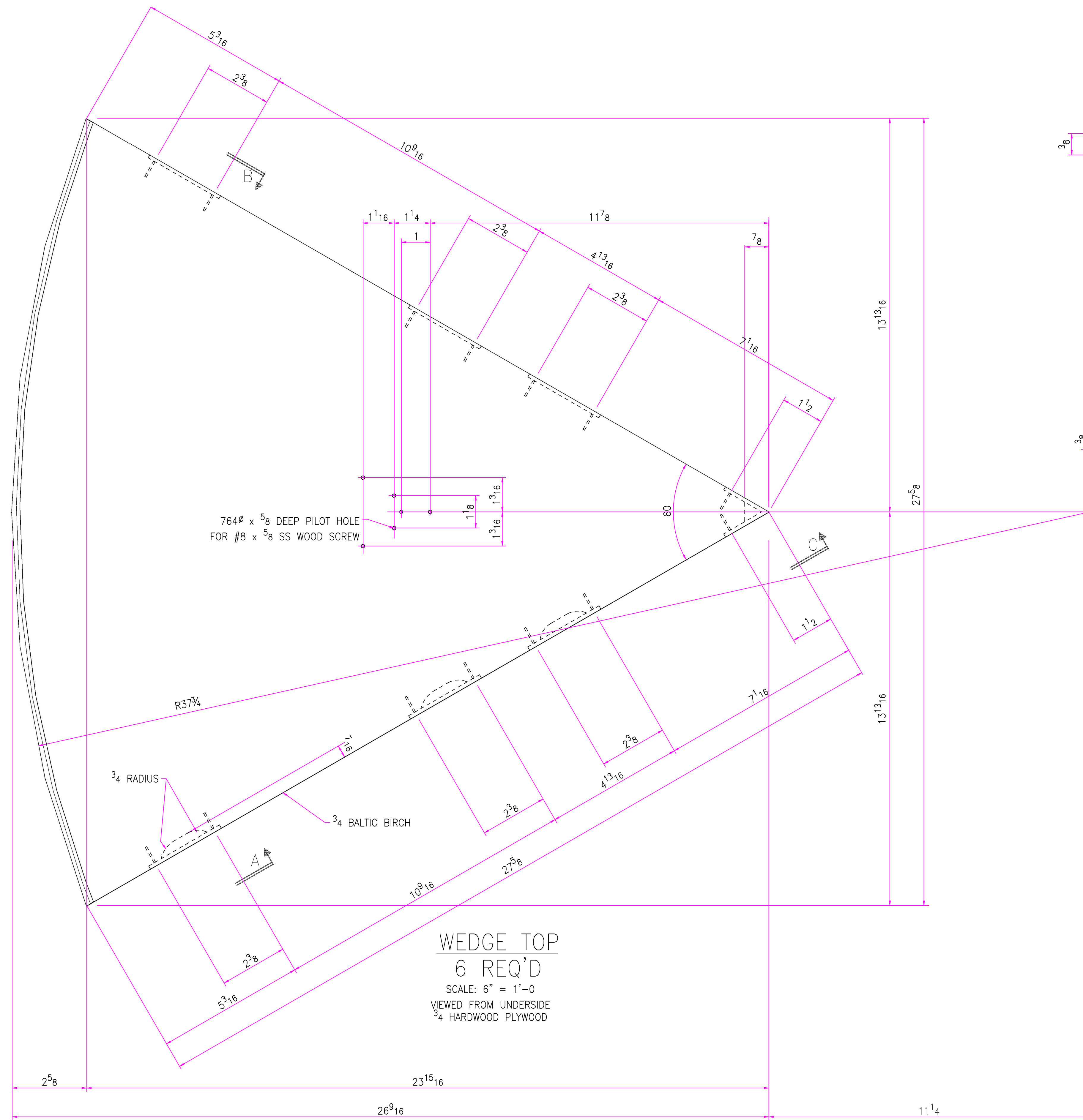
OPTIONAL WOOD STAR RAMP  
ONE REQ'D

SCALE: 6"=1'-0"

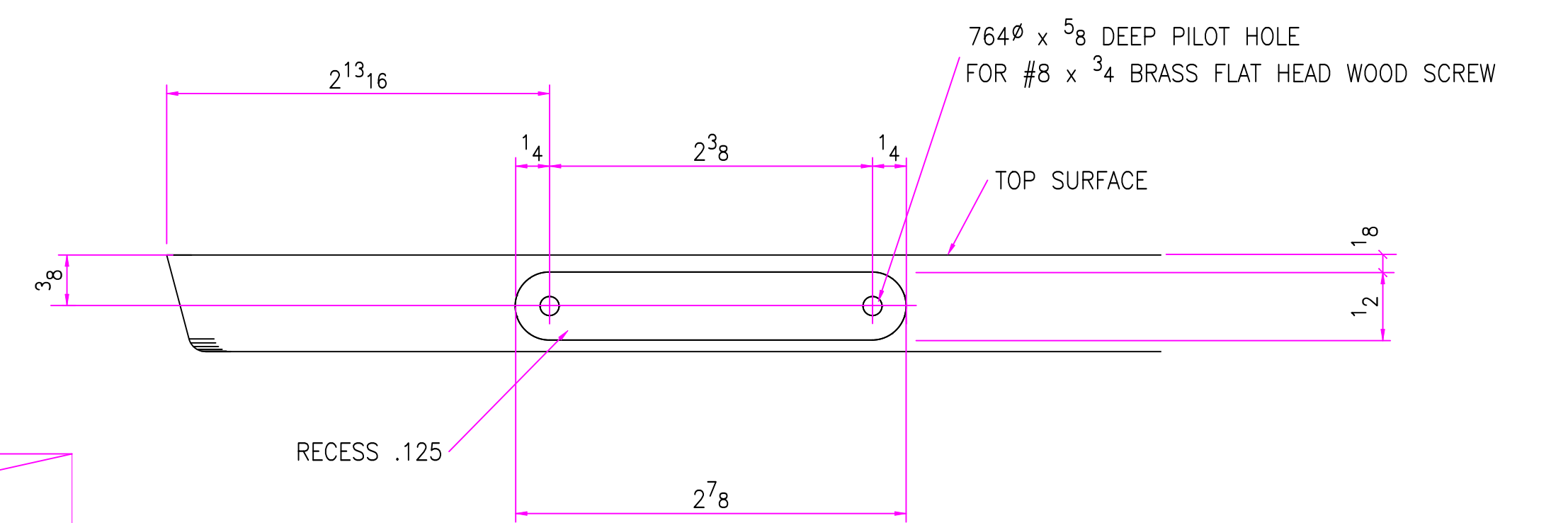




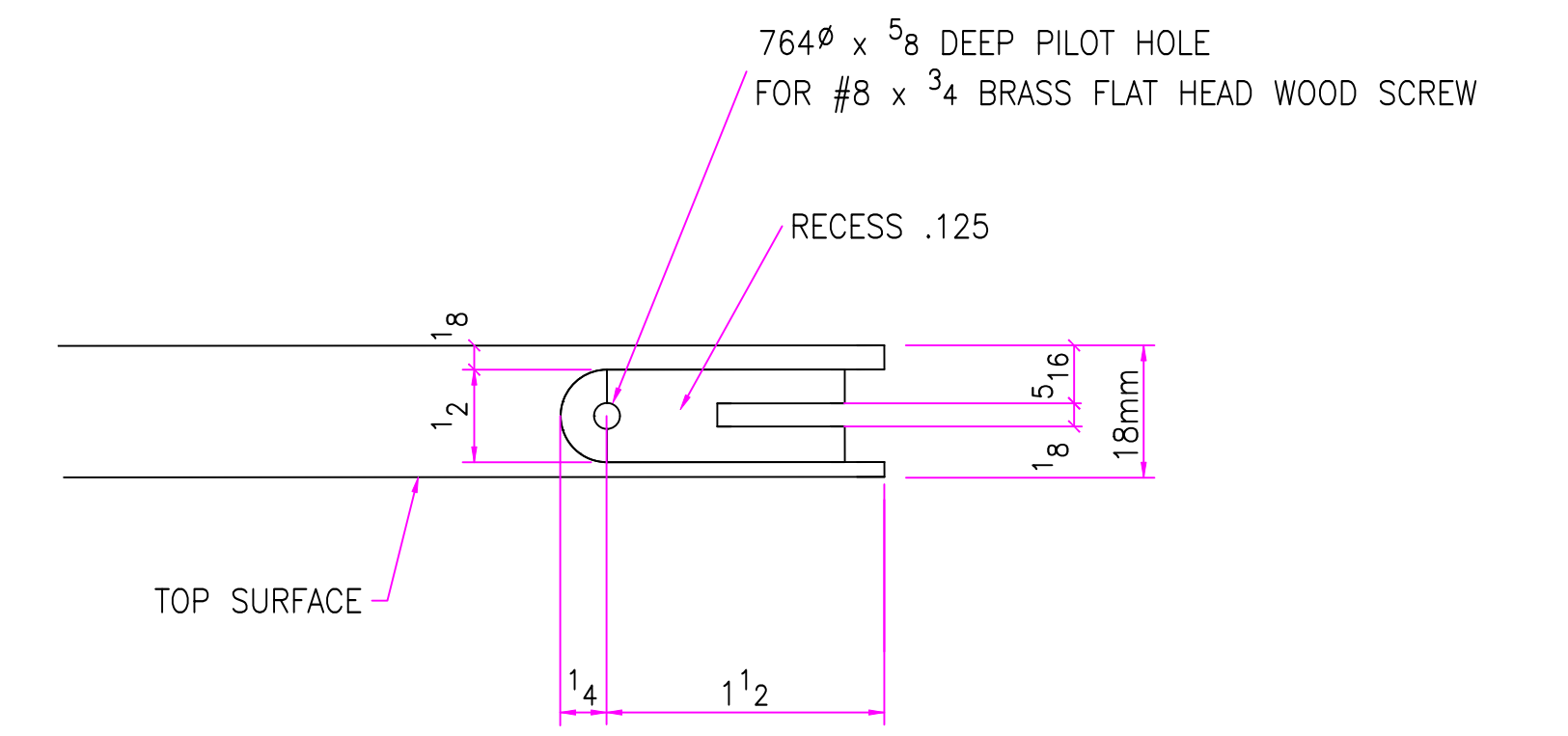




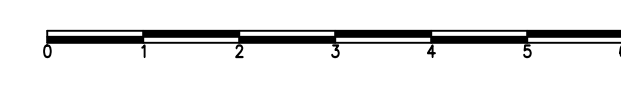
SECT. A  
 SCALE: FULL

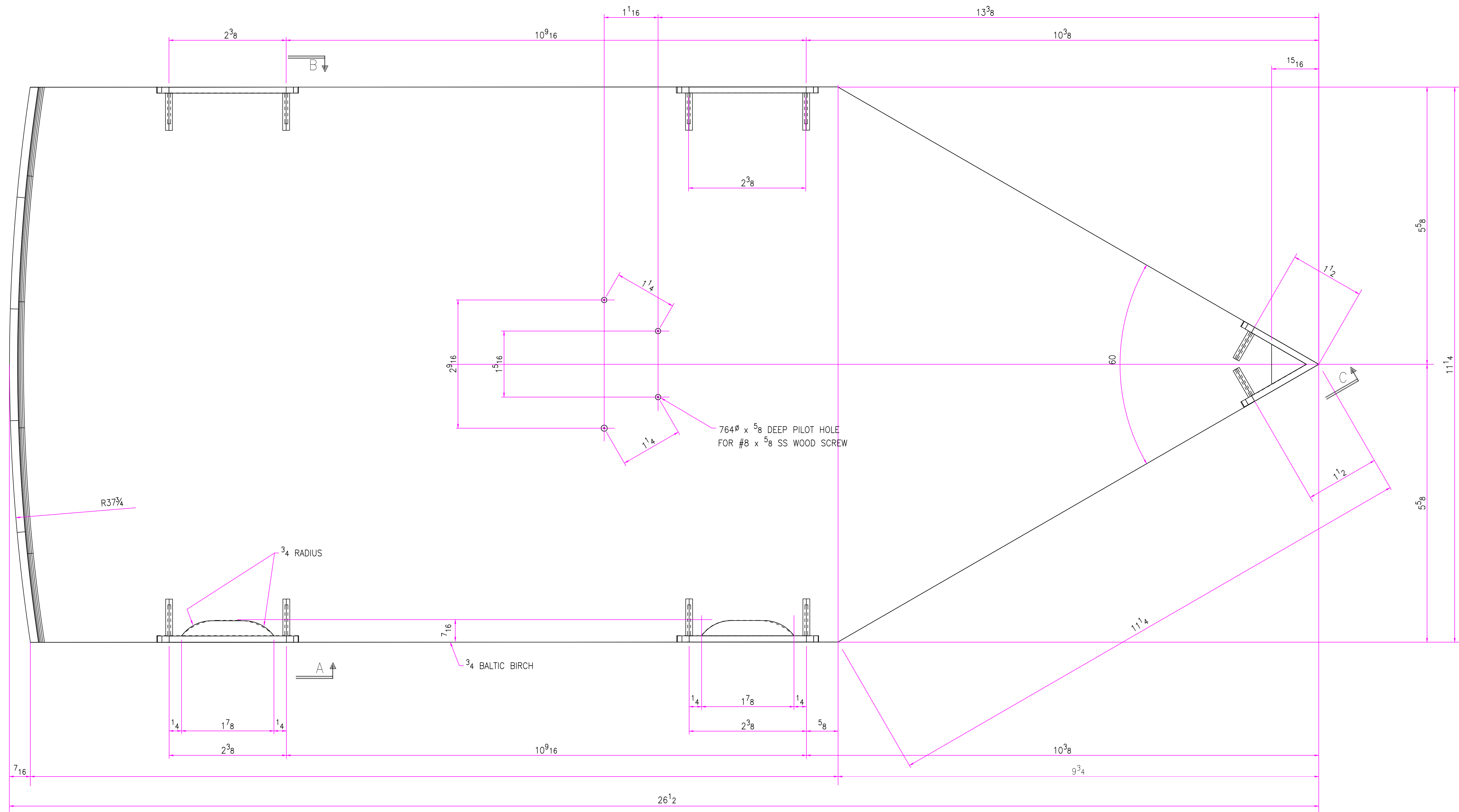


SECT. B  
 SCALE: FULL



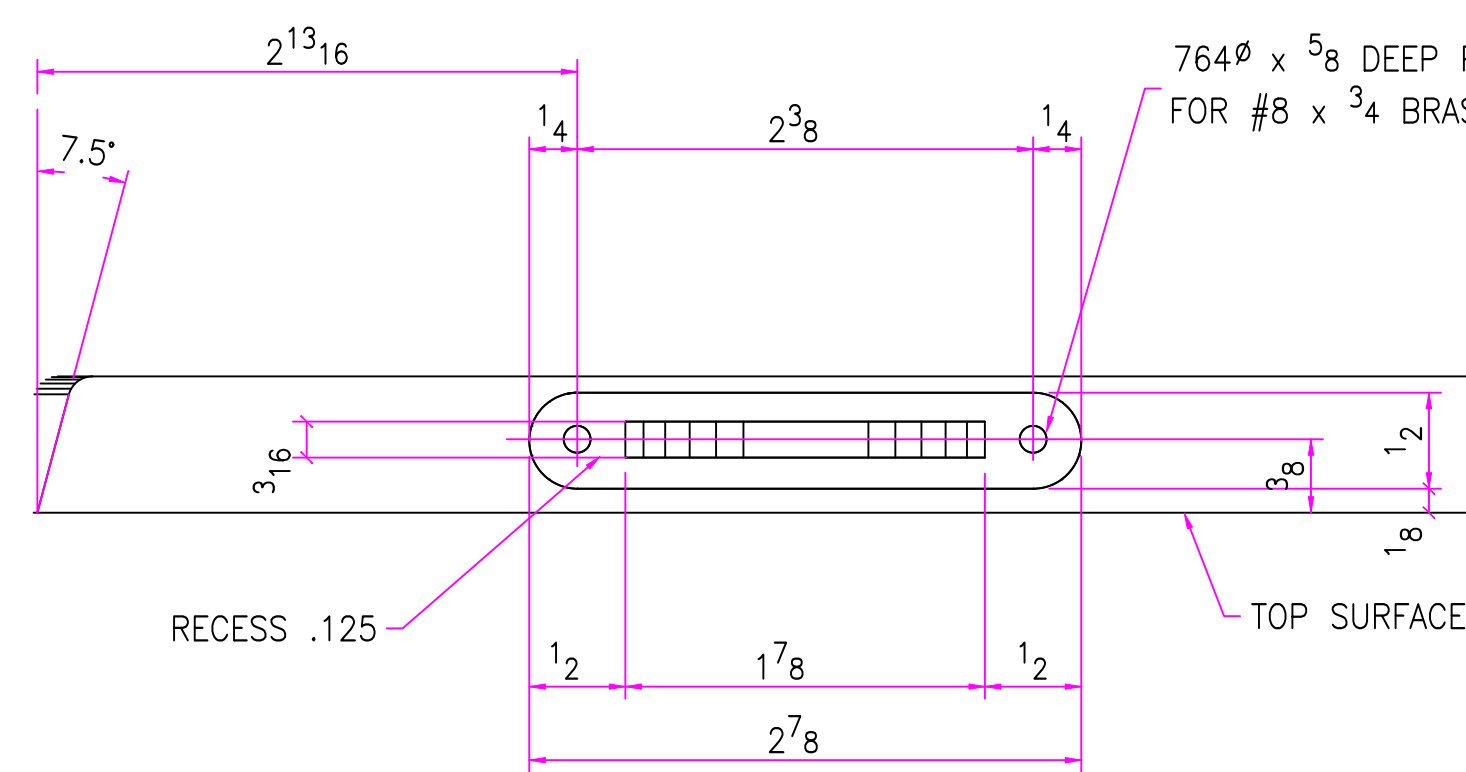
SECT. C  
 SCALE: FULL



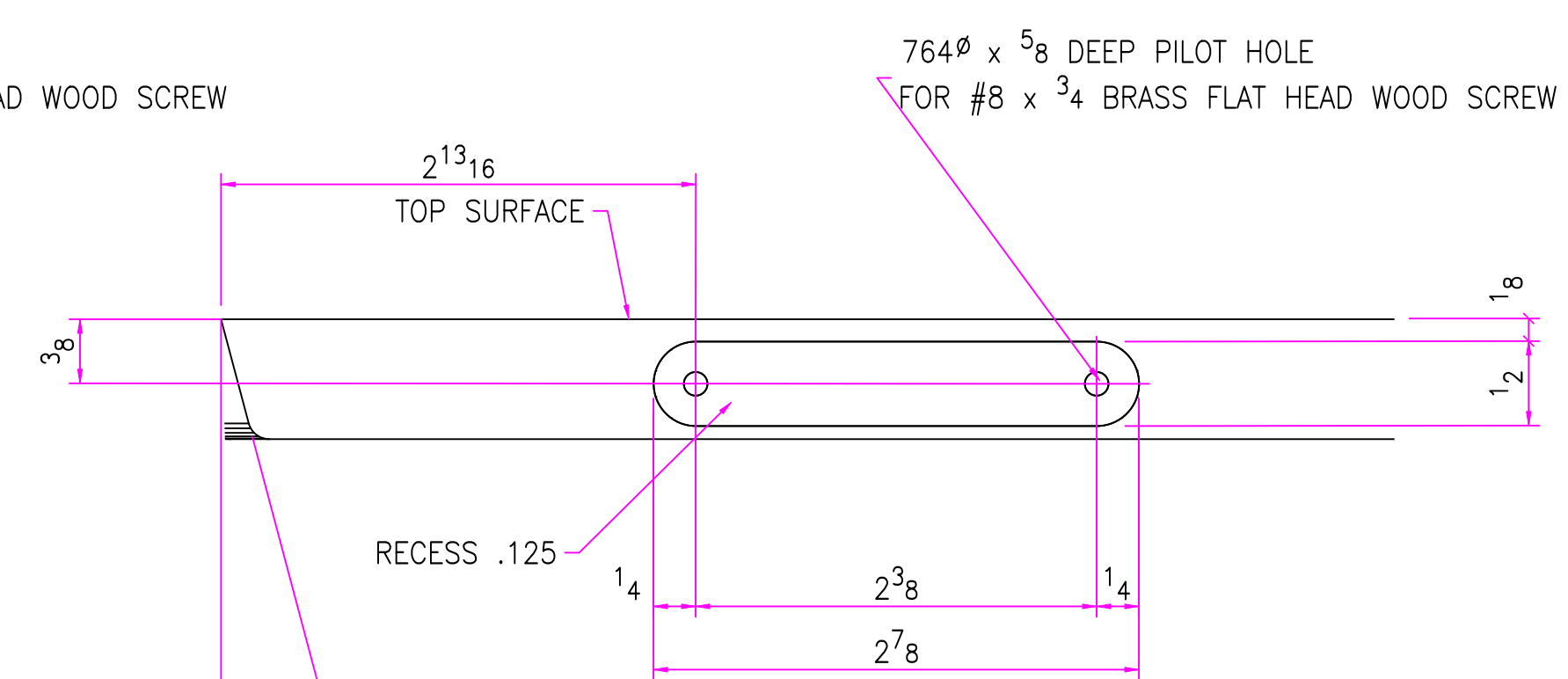


PLANK TOP TEMPLATE  
6 REQ'D

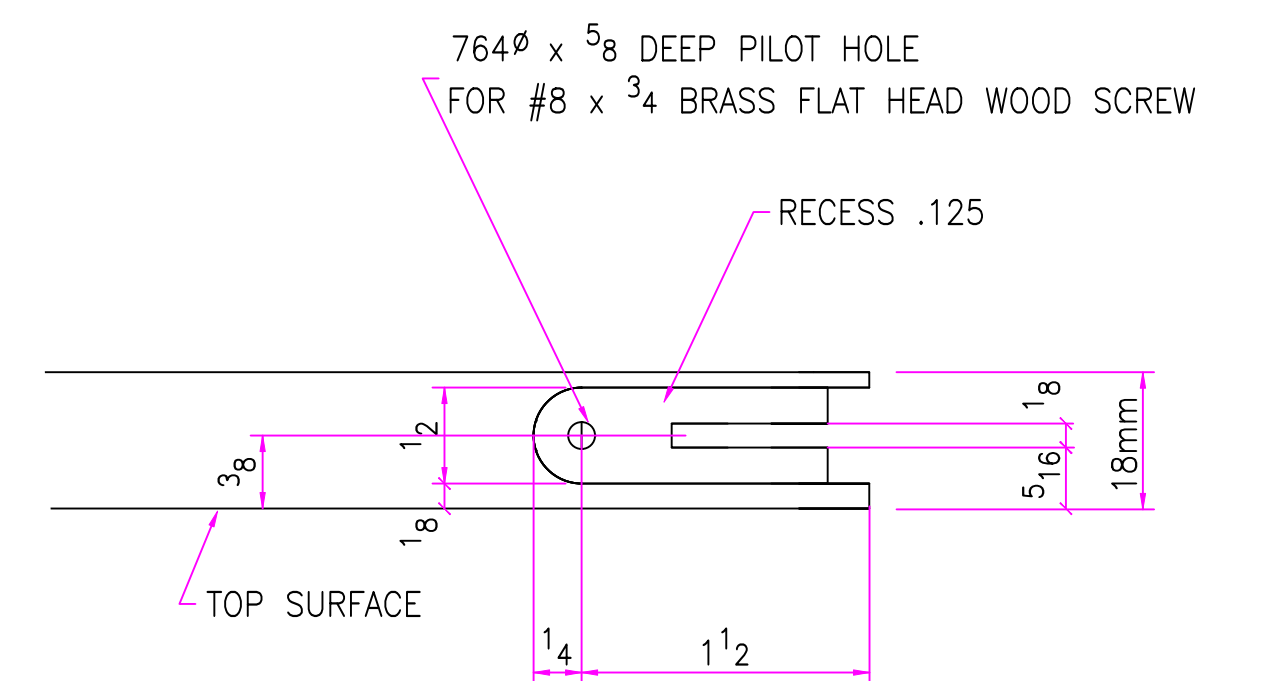
SCALE: FULL  
VIEWED FROM UNDERSIDE  
 $\frac{3}{4}$  HARDWOOD PLYWOOD



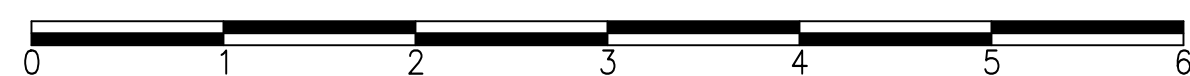
SECT. A  
SCALE: FULL

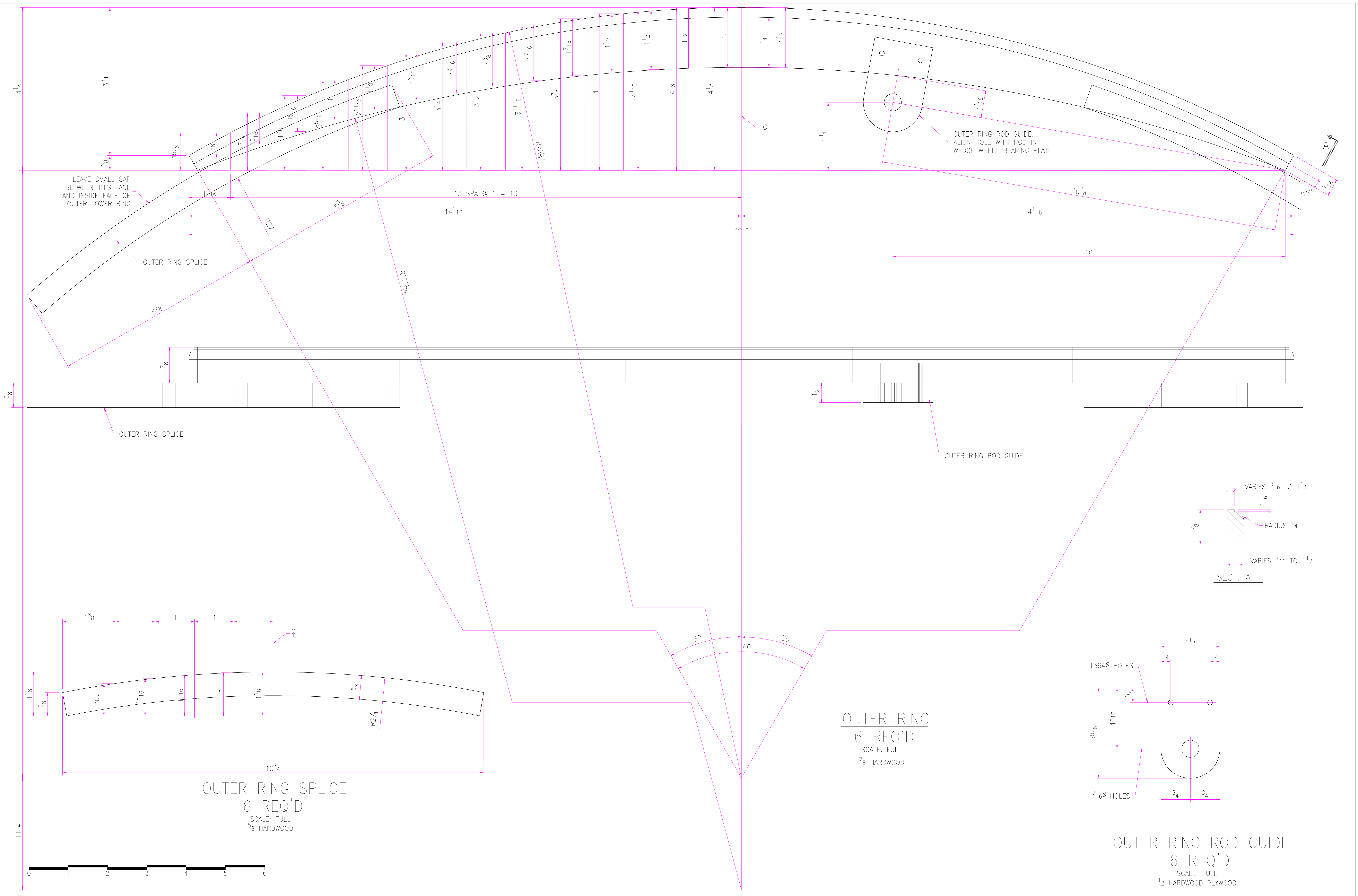


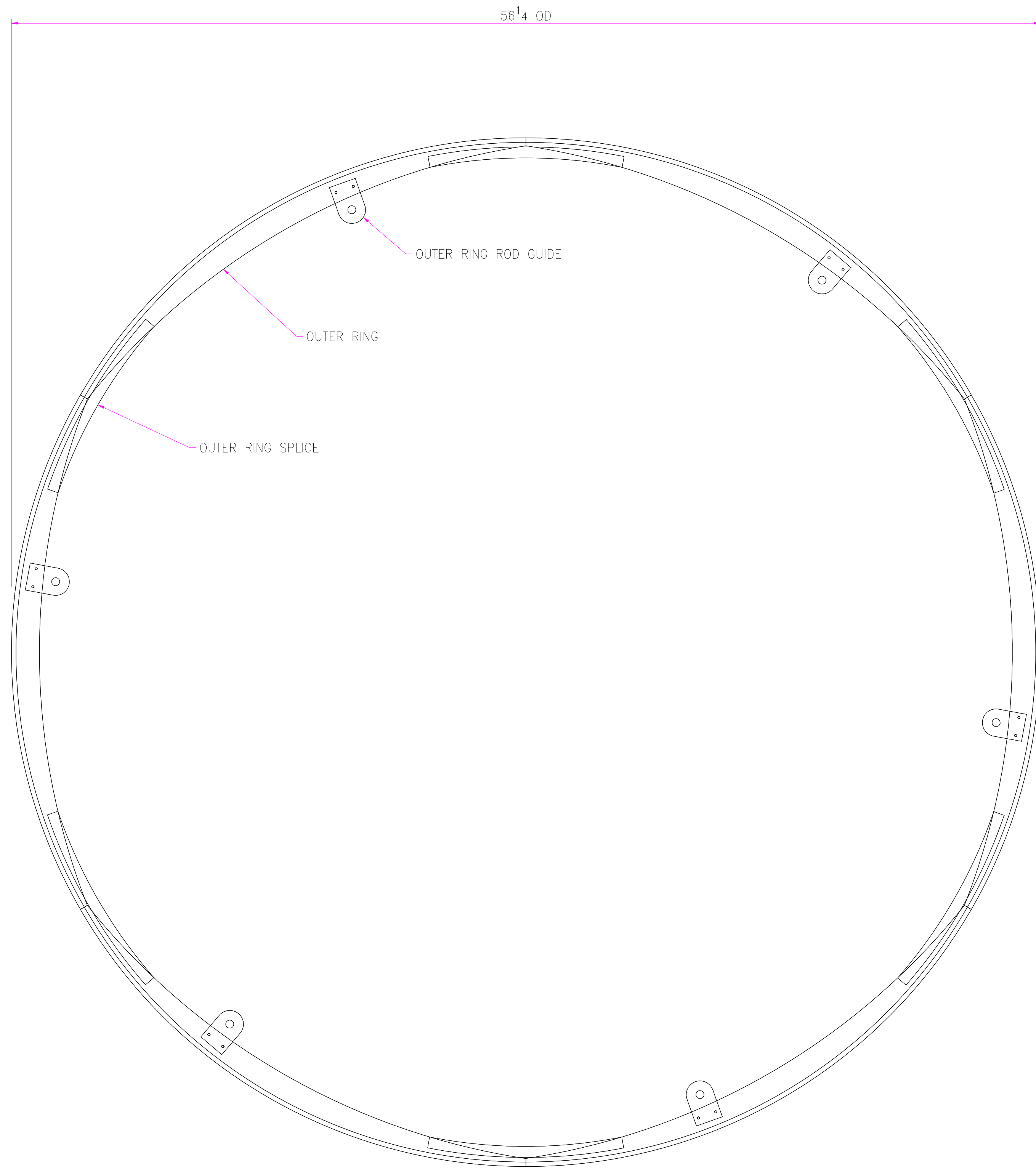
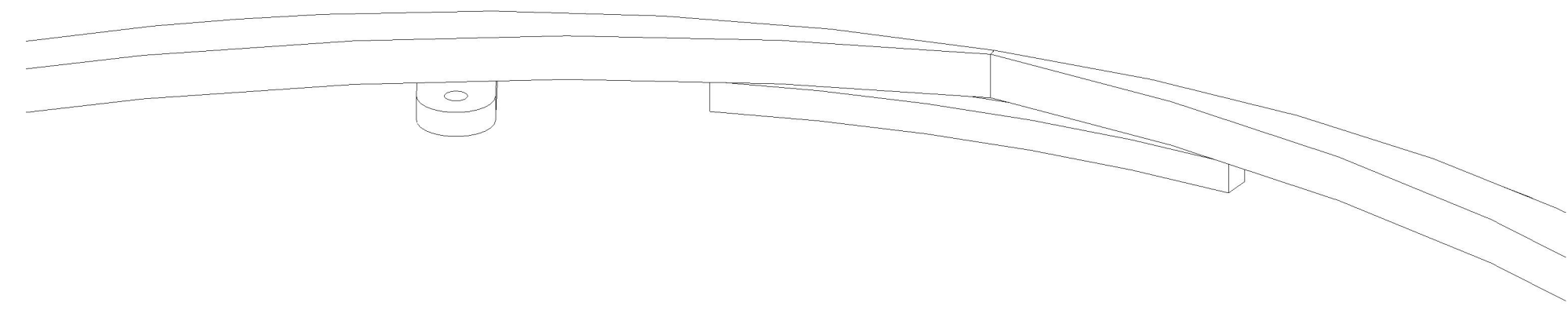
SECT. B  
SCALE: FULL



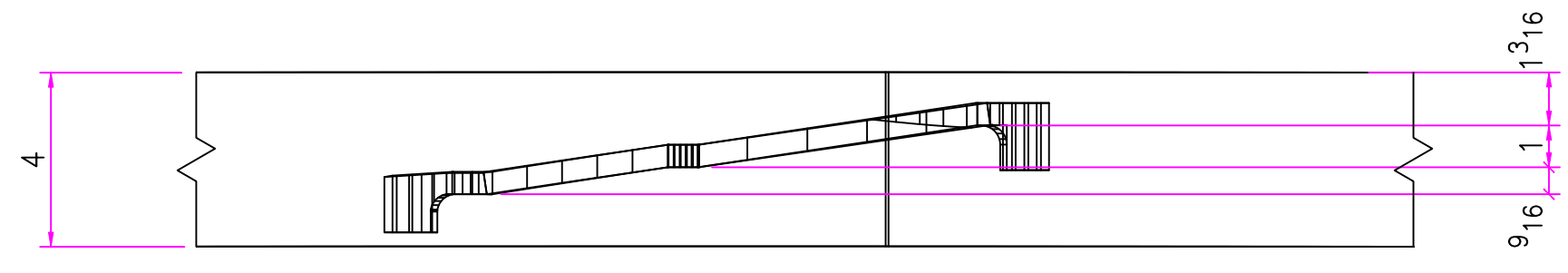
SECT. C  
SCALE: FULL



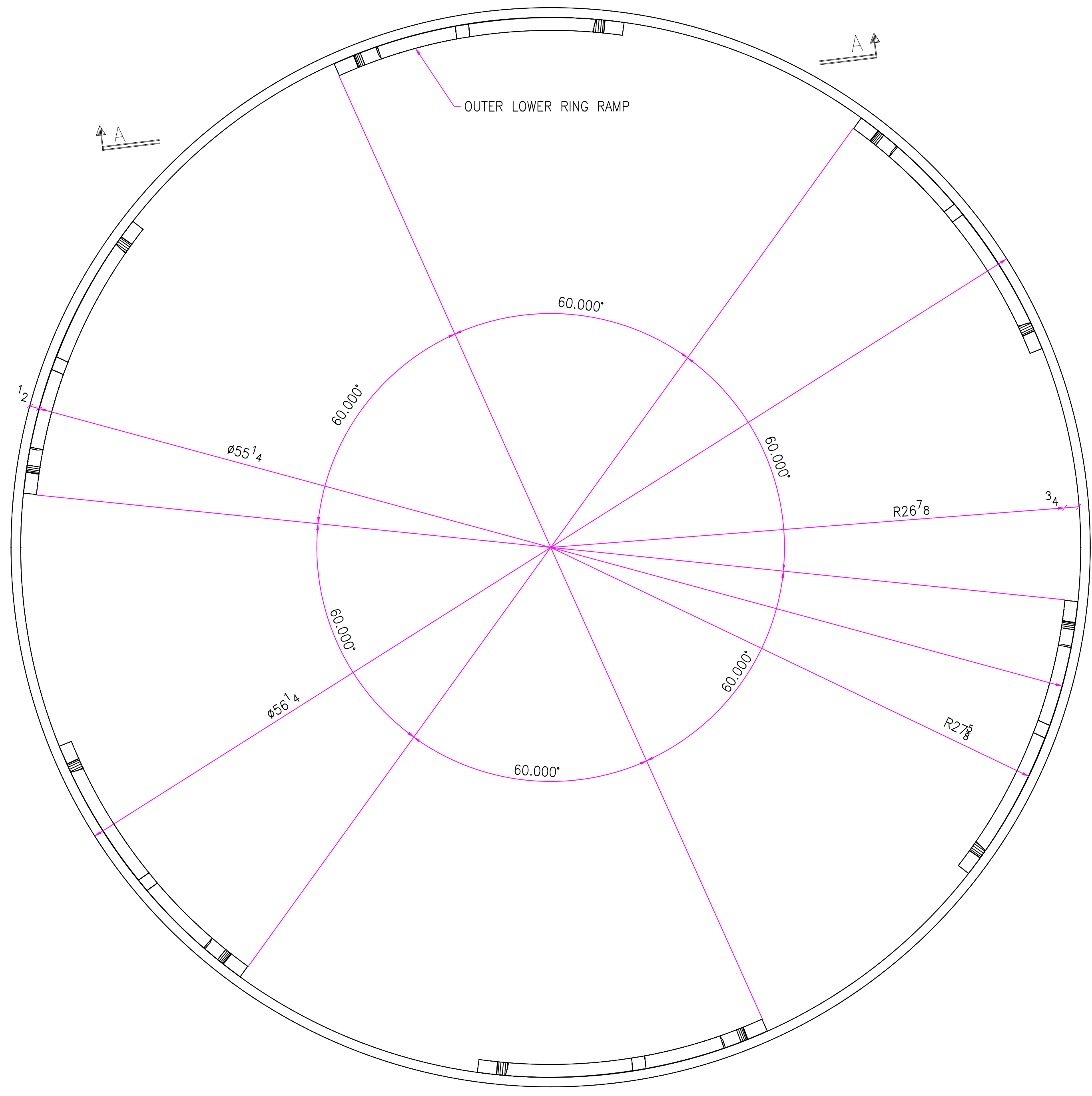




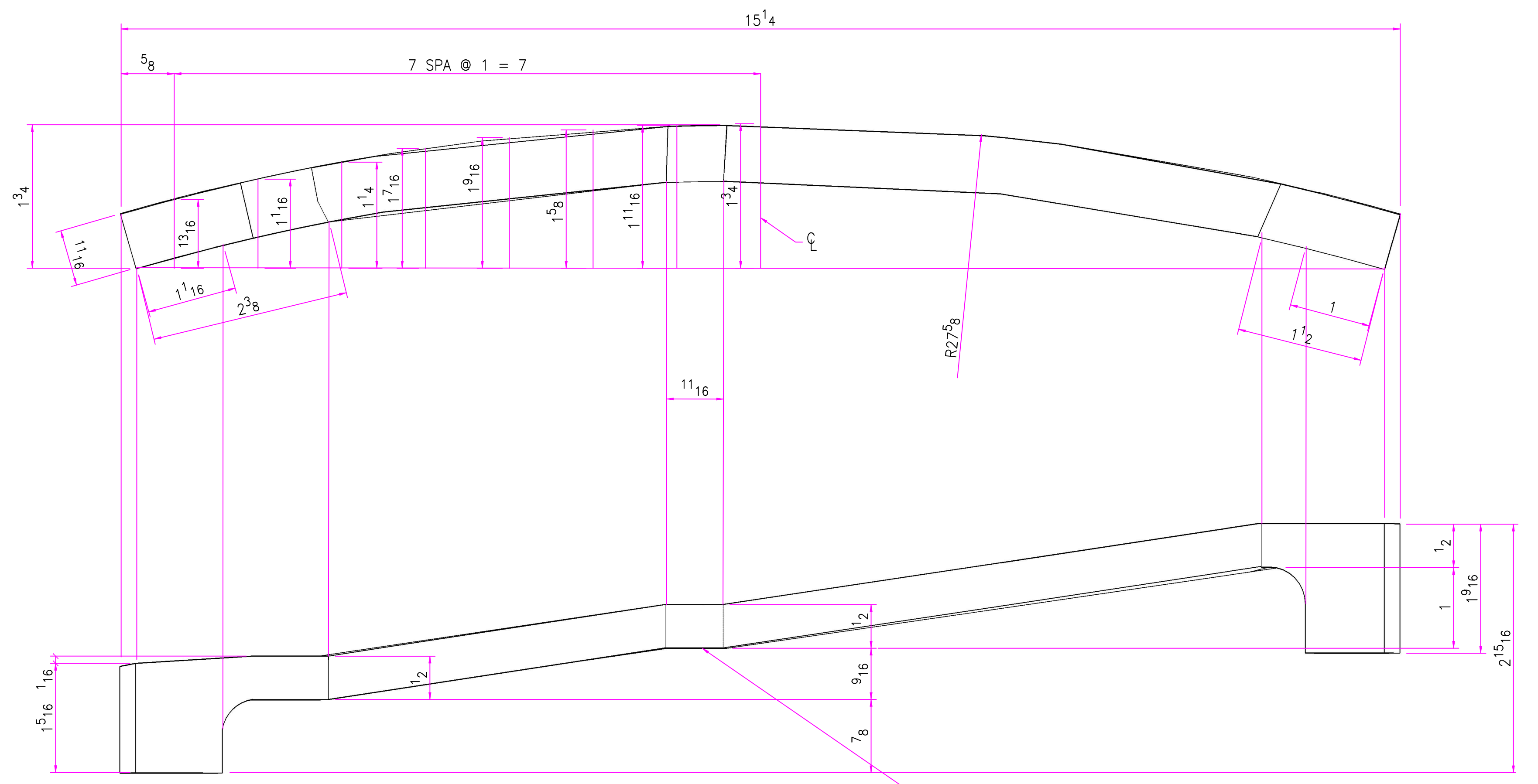
TOP WOOD OUTER RING  
SCALE: 3" = 1'-0"



SECT. A-A

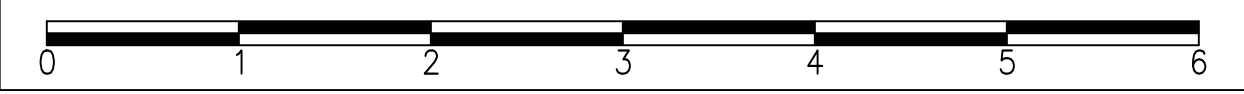


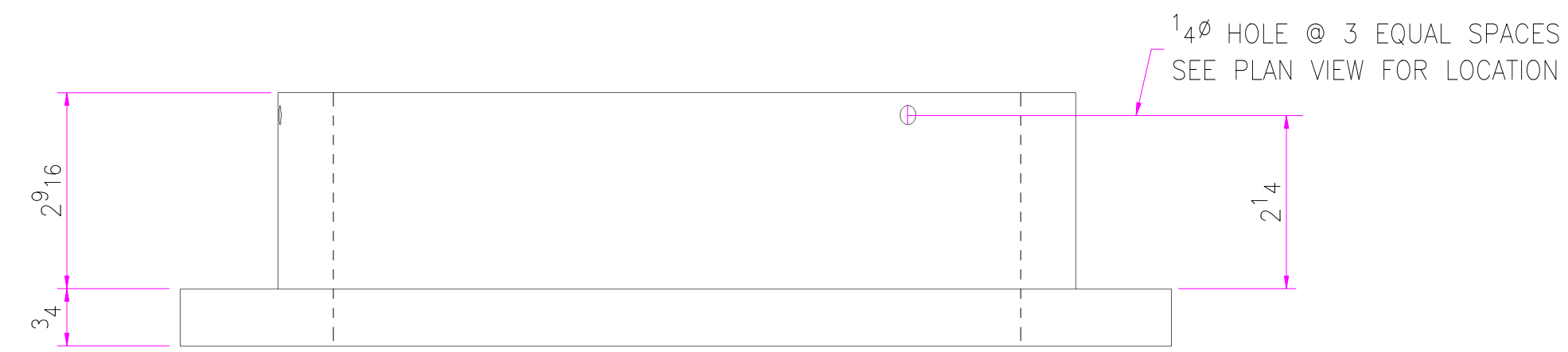
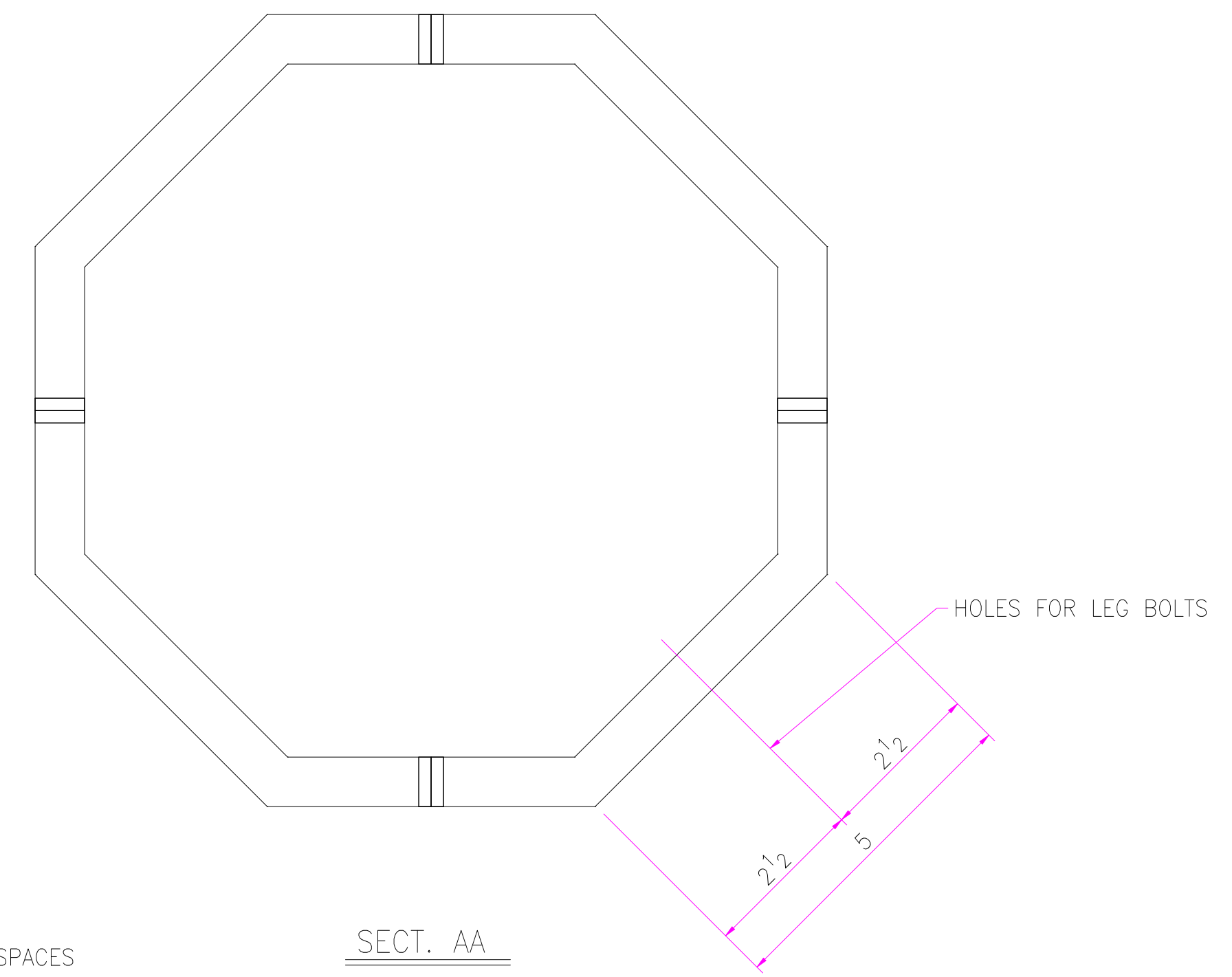
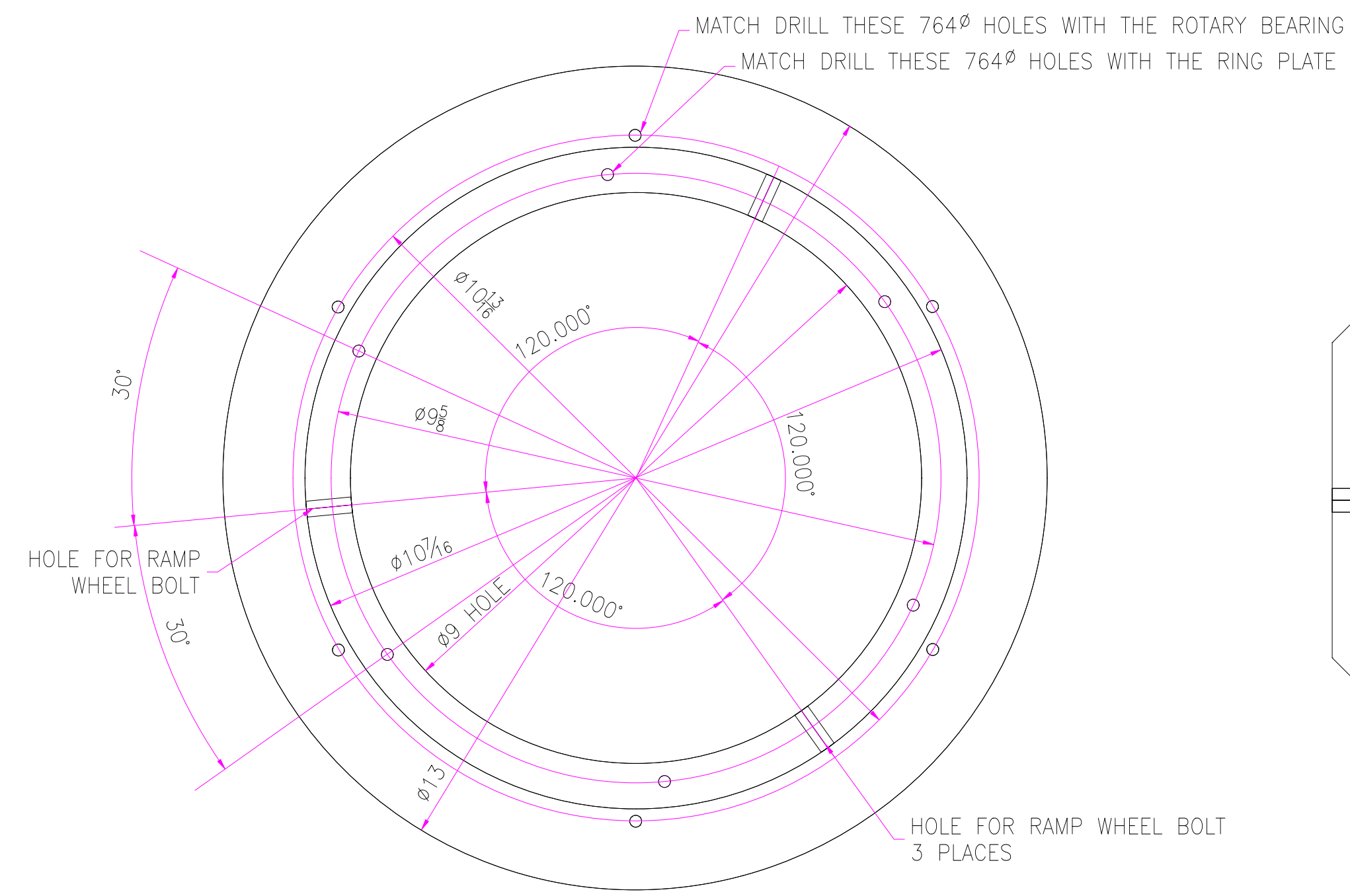
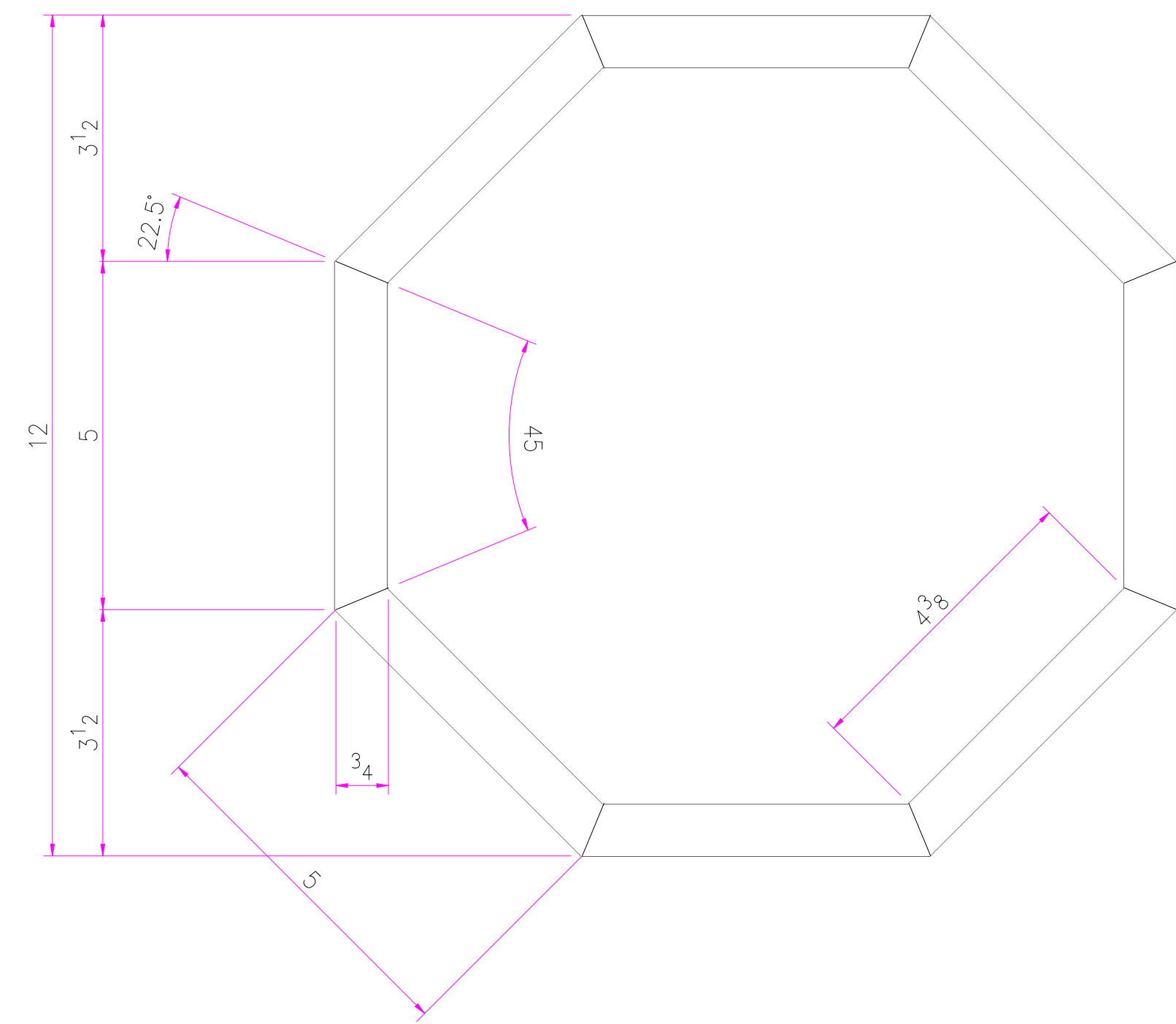
OUTER LOWER RING  
1 REQ'D  
SCALE: 3"=1'-0"  
1/2 HARDWOOD



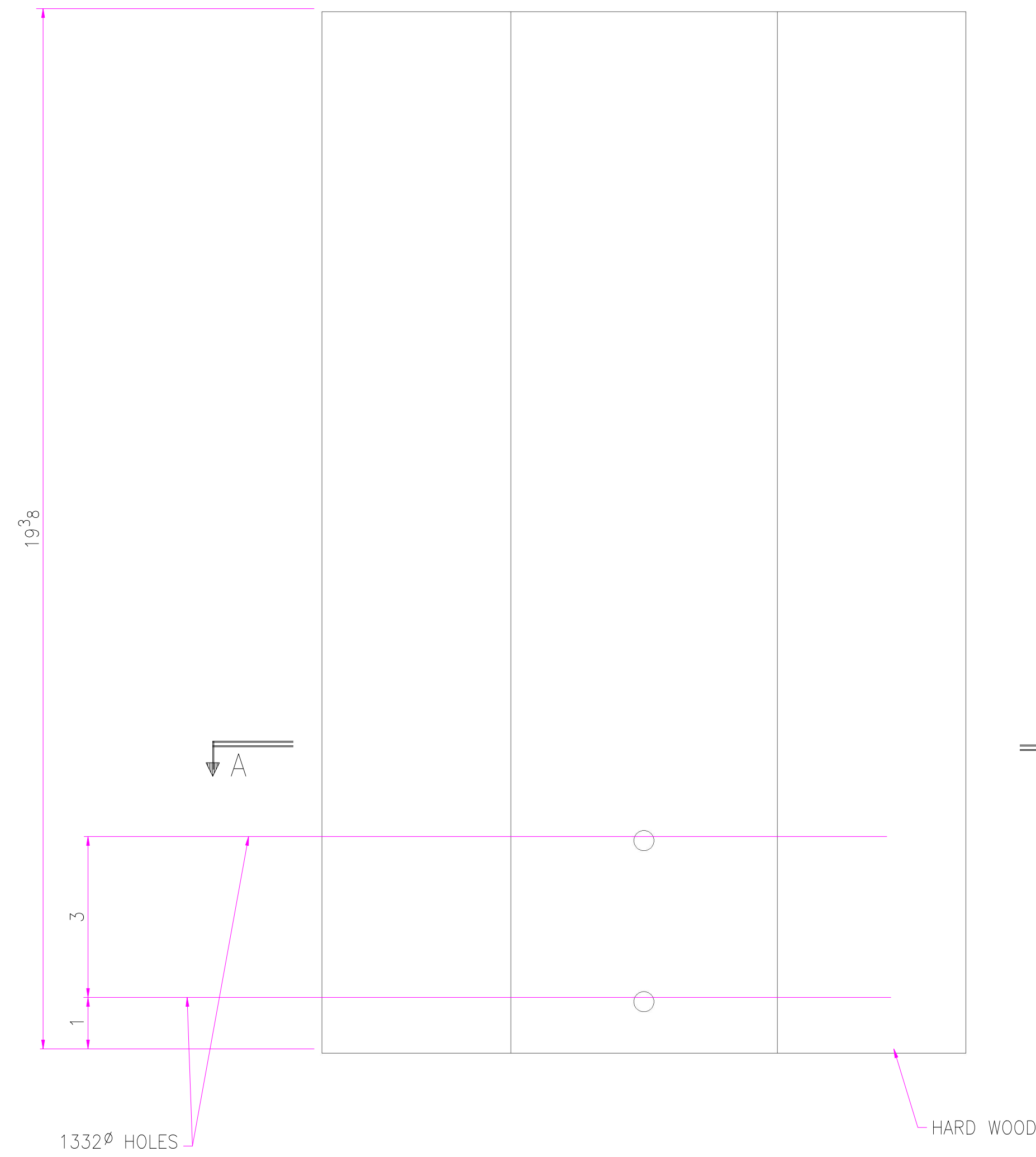
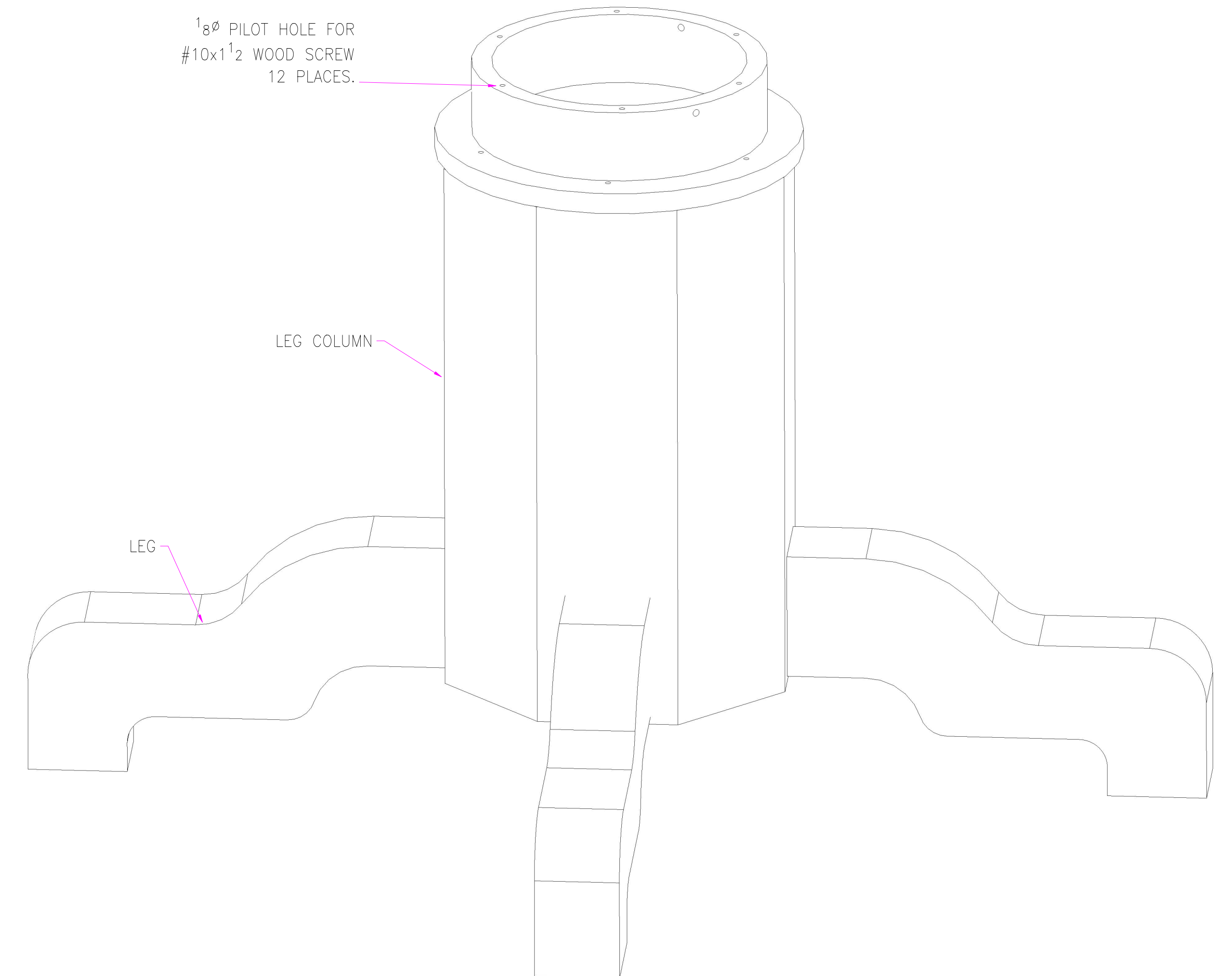
OUTER LOWER RING RAMP  
6 REQ'D  
SCALE: FULL  
1 1/16 HARDWOOD

FLAT SPOT IS TO ALLOW RINGS TO BE MOVED UP TO TOUCH UNDERSIDE OF TOPS WHEN IN OPEN POSITION. THIS FLAT SPOT IS OPTIONAL.



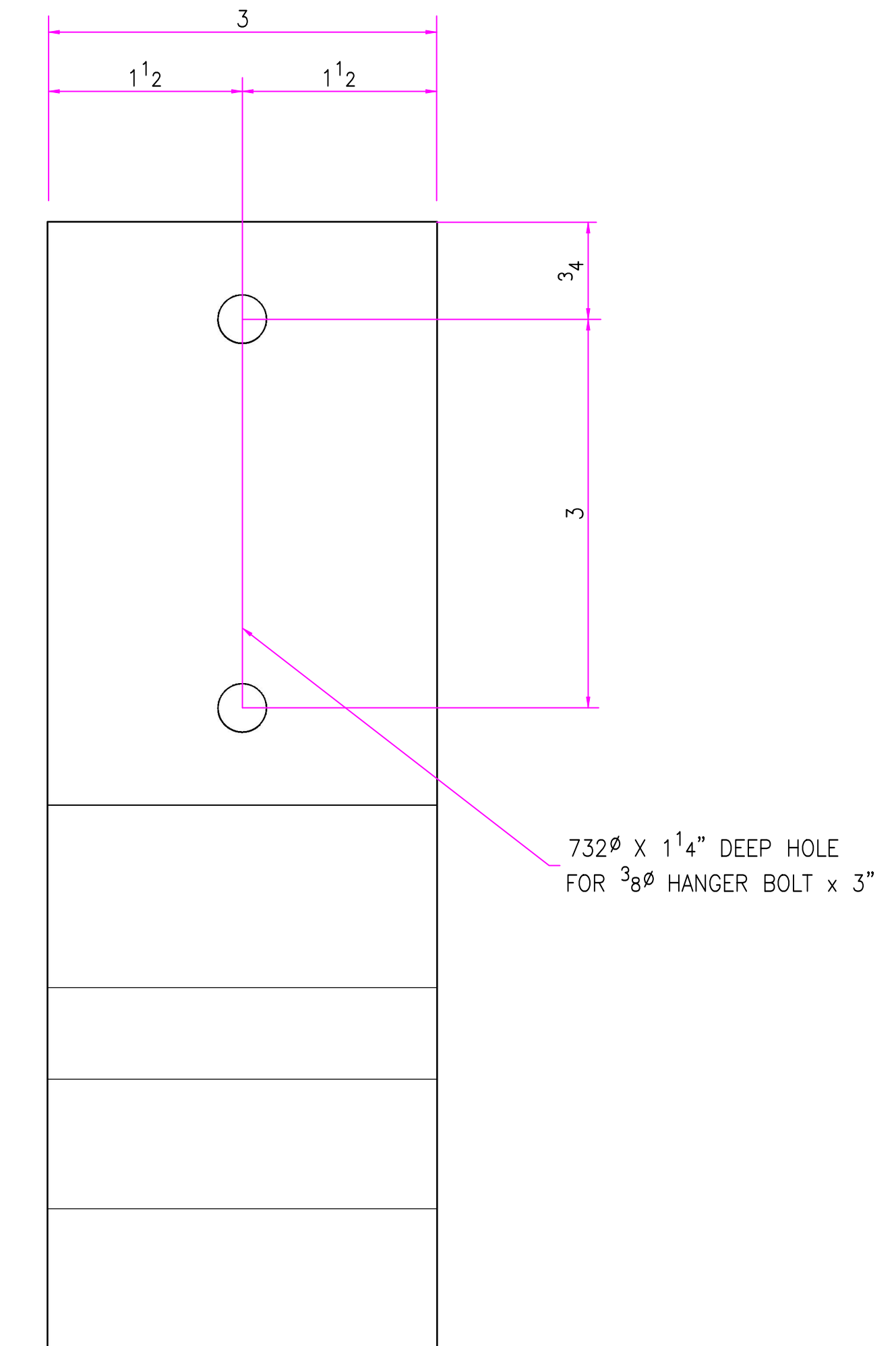
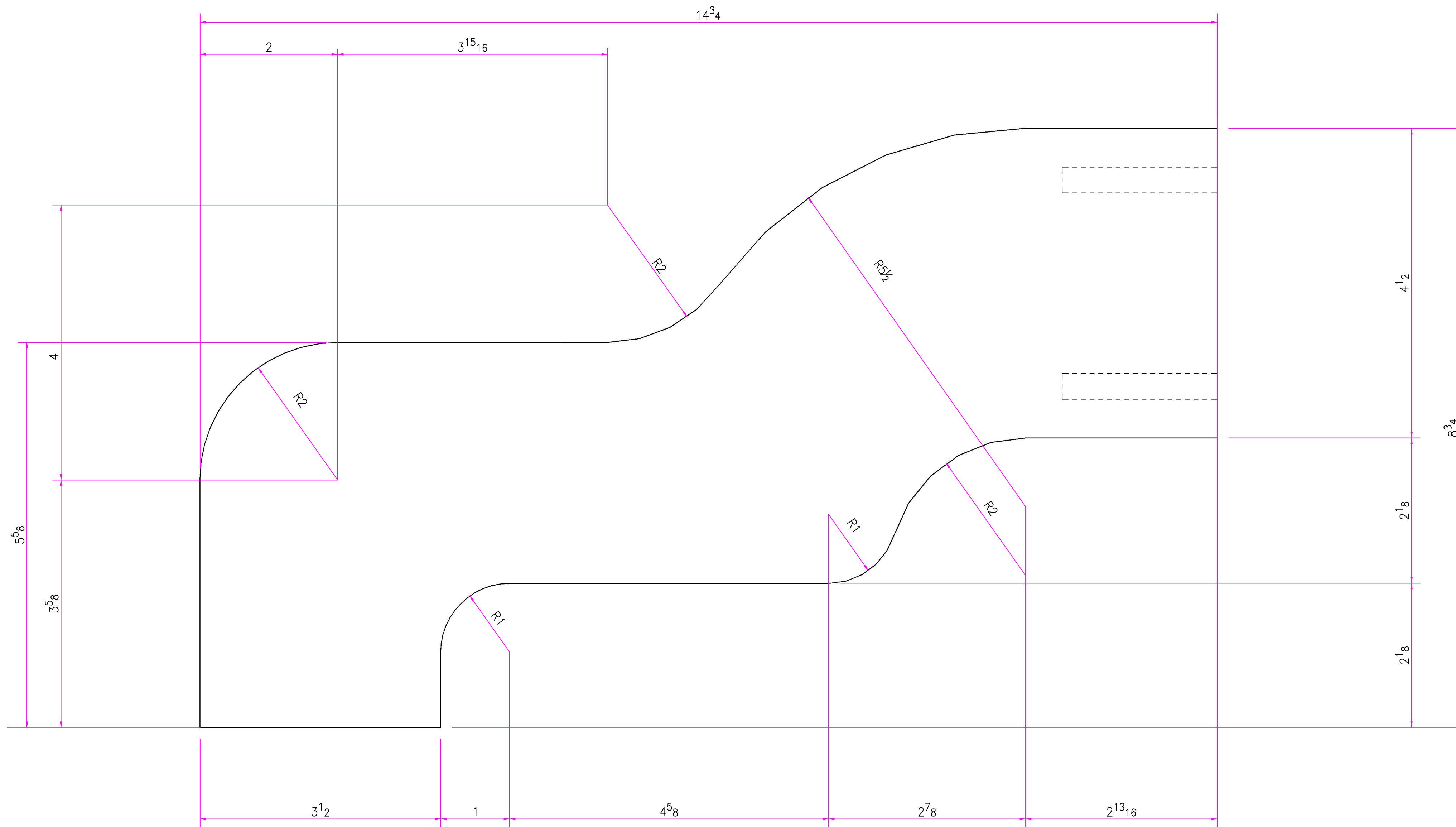


LEG TOP  
ONE REQ'D  
SCALE: 6"=1'-0"  
3/4 HARDWOOD PLYWOOD



LEG COLUMN  
ONE REQ'D  
SCALE: 6"=1'-0"  
3/4 HARDWOOD PLYWOOD

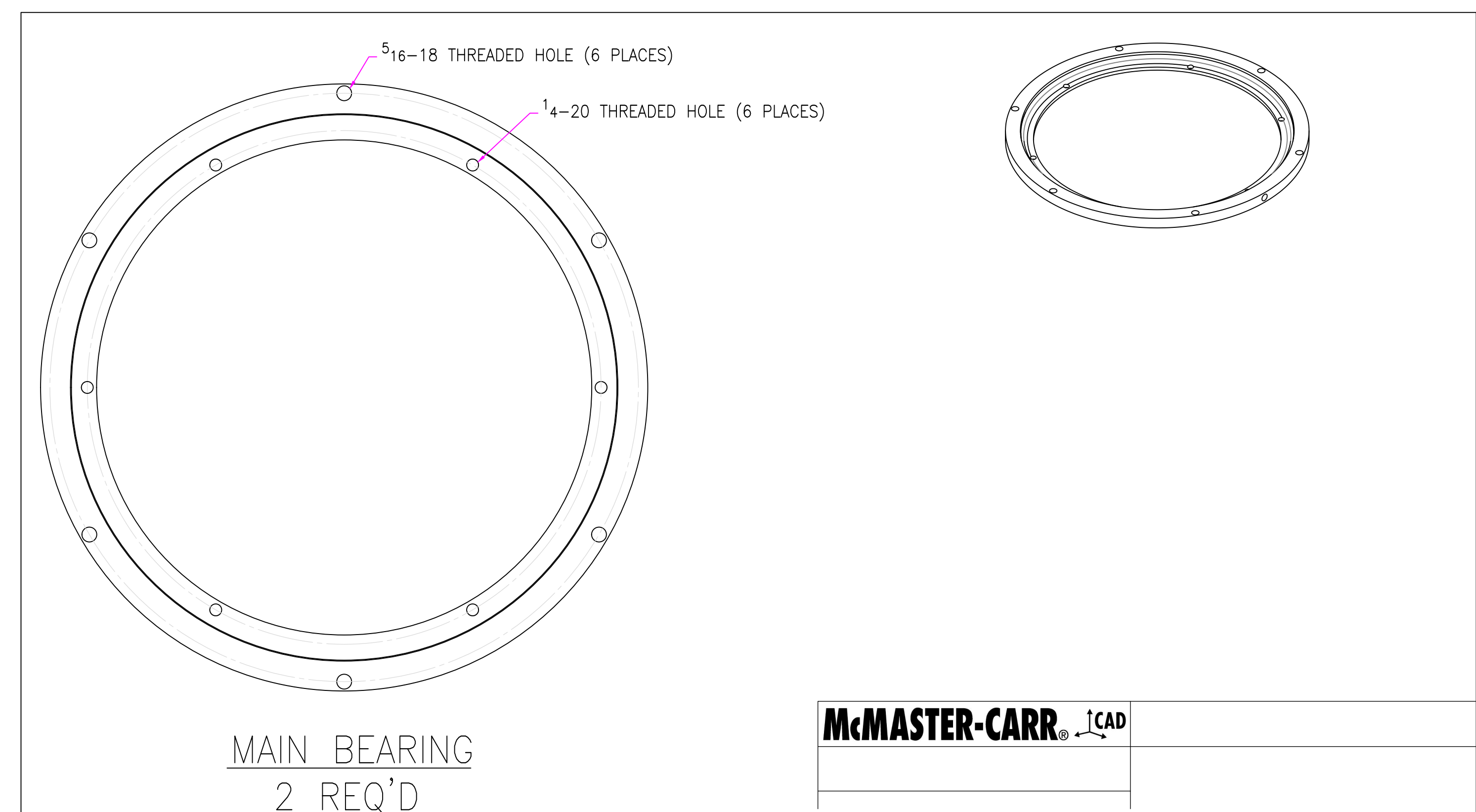




LEG TEMPLATE

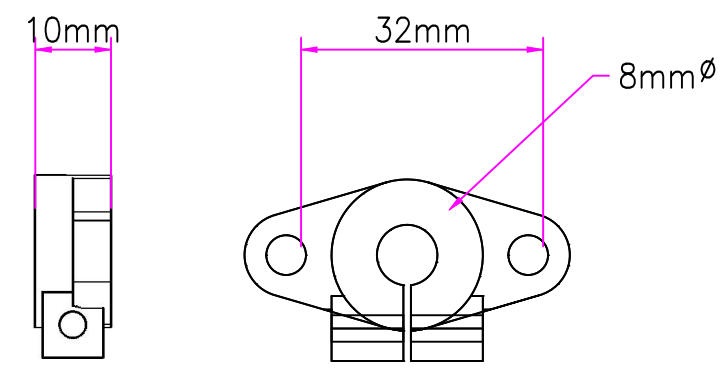
4 REQ'D

SCALE: FULL  
3" HARDWOOD

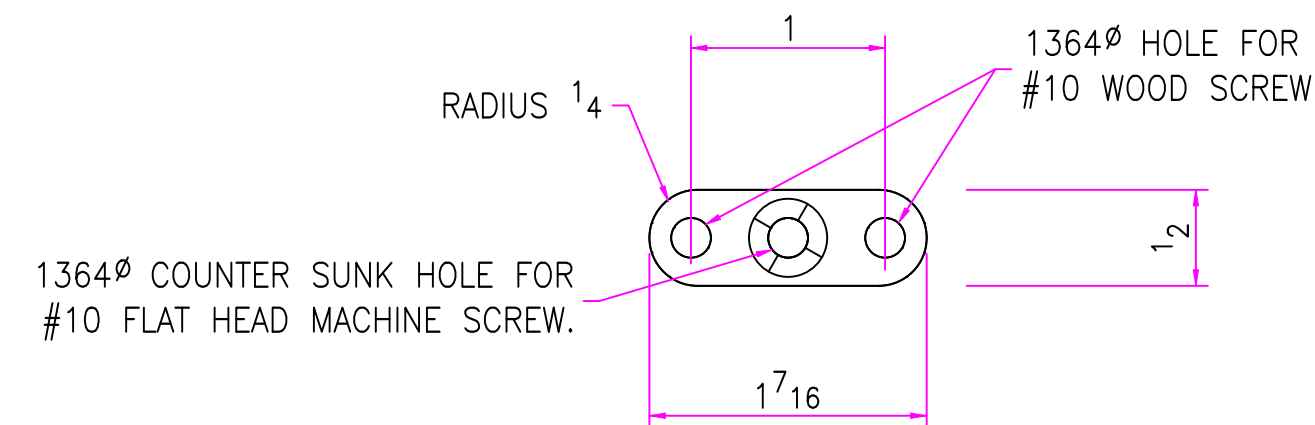


McMASTER-CARR® iCAD

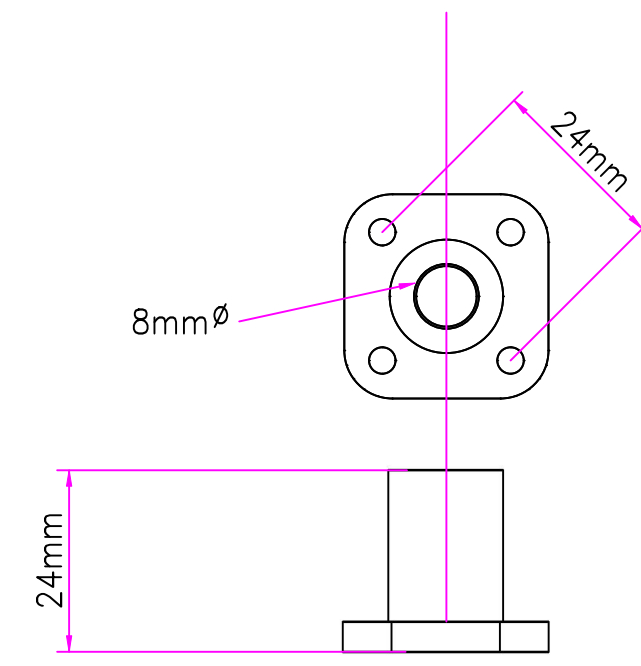




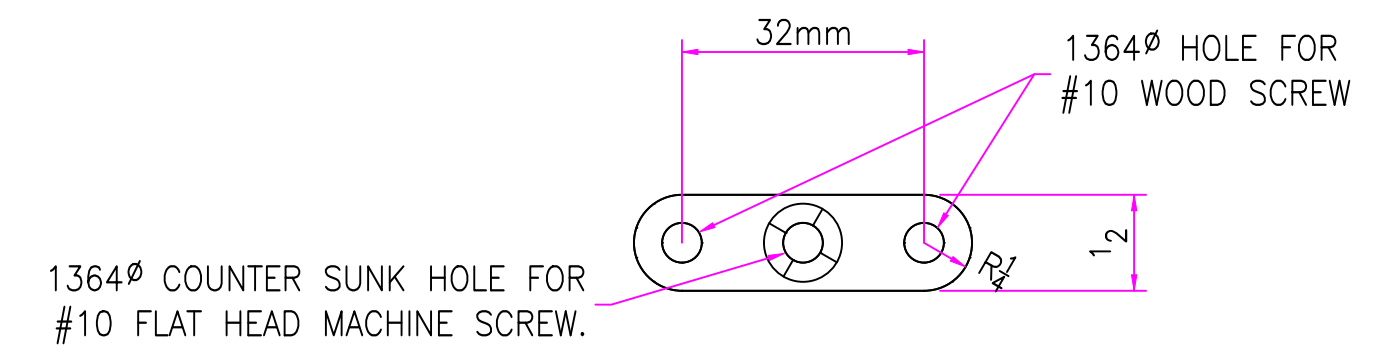
**WEDGE & PLANK GUIDE ROD CLAMP**  
24 REQUIRED  
(SEE OPTION WEDGE GUIDE ROD CLAMP DETAIL)



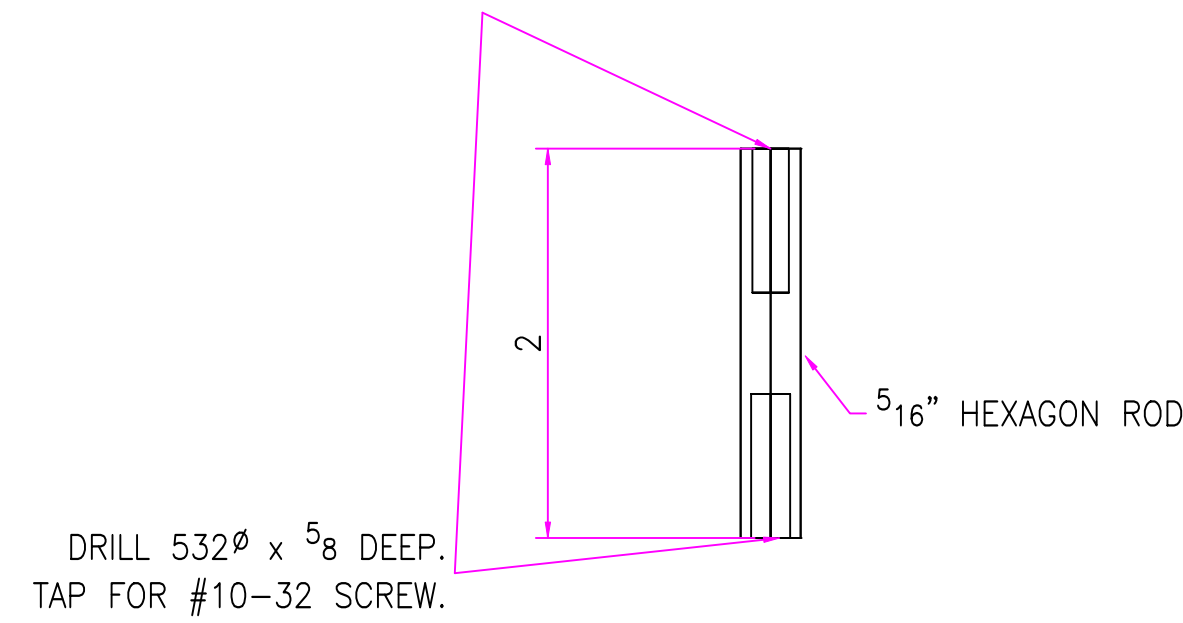
**WEDGE CENTER GUIDE ROD CLAMP**  
6 REQUIRED  
R1/4



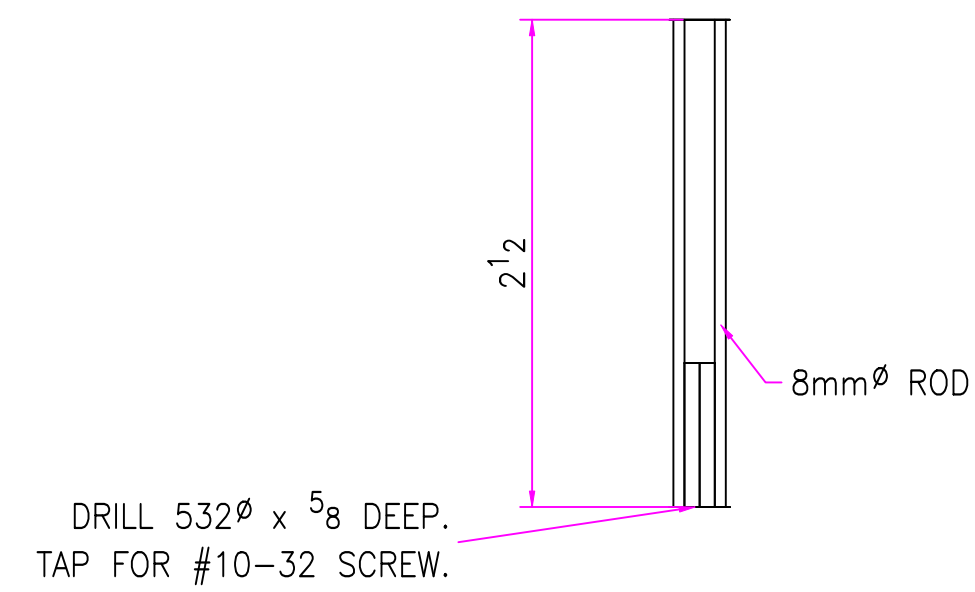
**PLANK LIFT ROD BEARING**  
12 REQUIRED



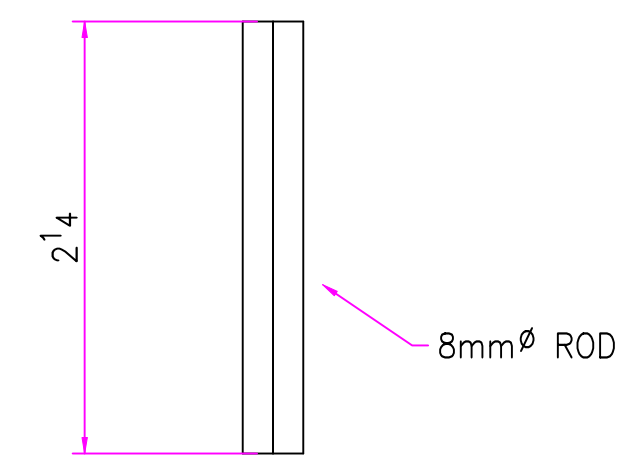
**OPTIONAL WEDGE GUIDE ROD CLAMP**  
12 REQUIRED  
R1/4



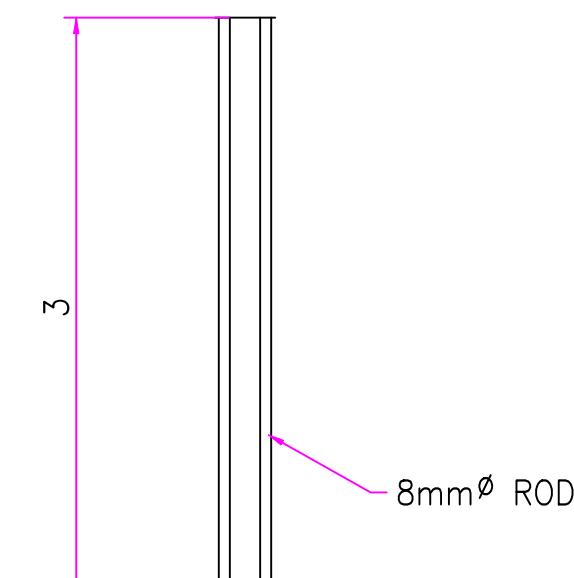
**WEDGE SUPPORT CENTER ROD**  
6 REQUIRED



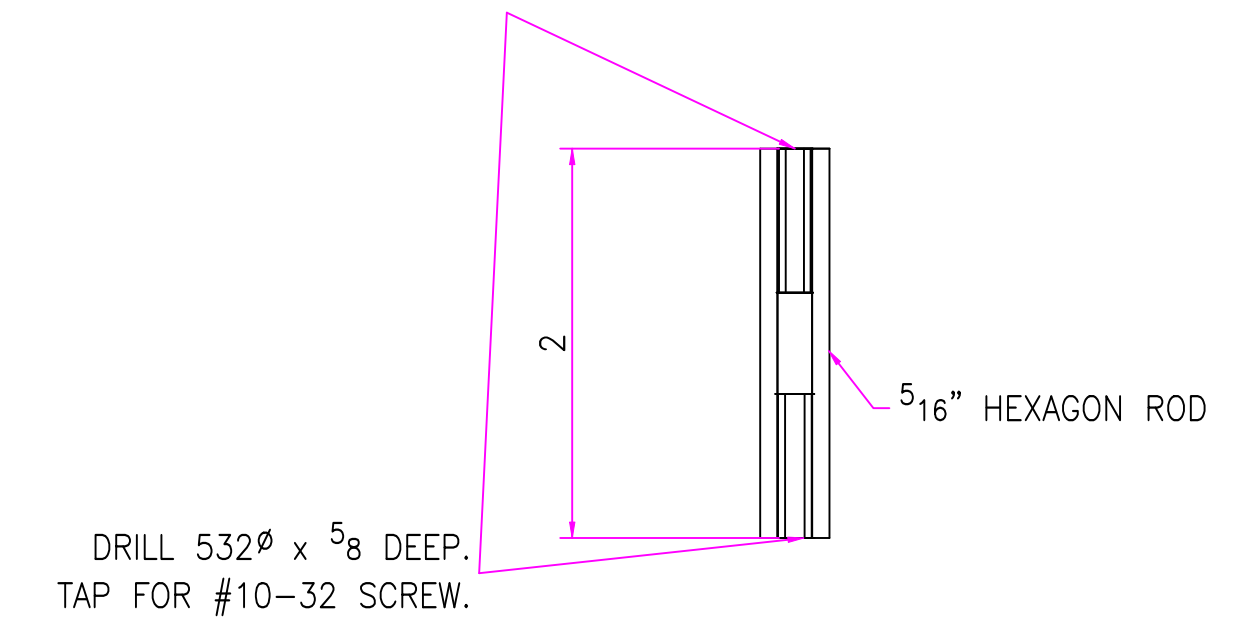
**WEDGE SUPPORT OUTER ROD**  
12 REQUIRED  
(SEE OPTION ROD DETAIL)



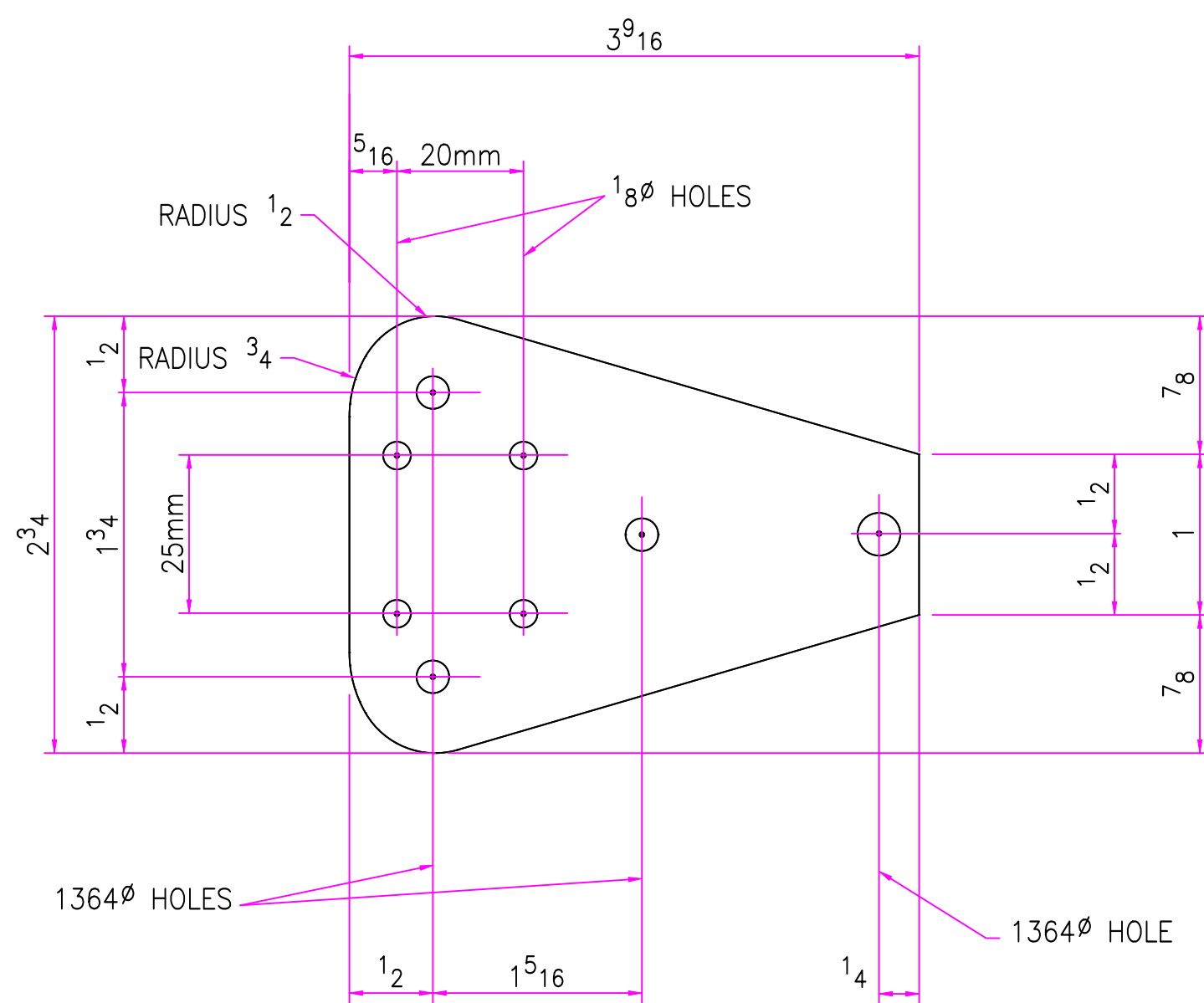
**PLANK SUPPORT ROD**  
12 REQUIRED



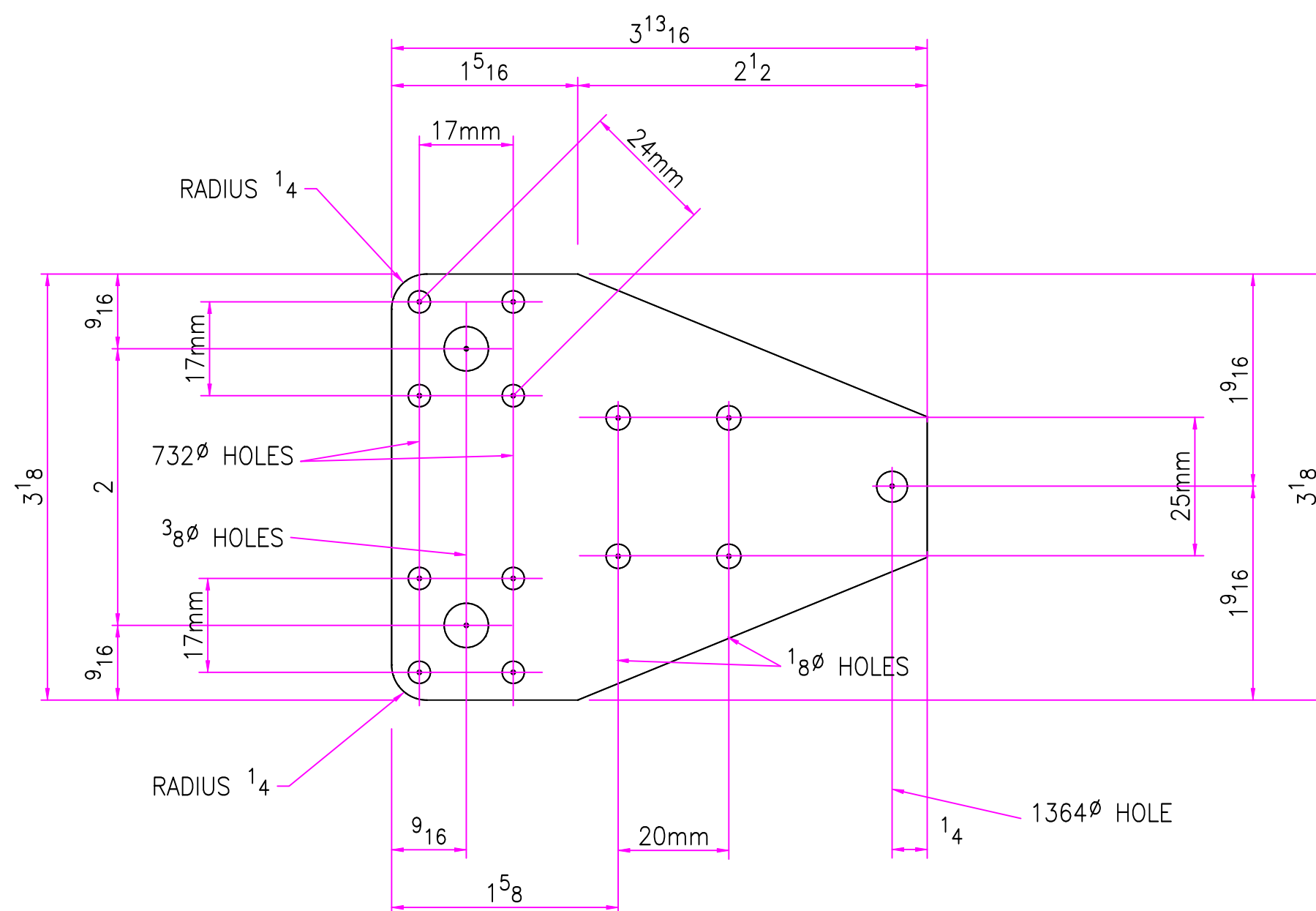
**PLANK LIFT GUIDE ROD OUTER RING GUIDE ROD**  
12 REQUIRED



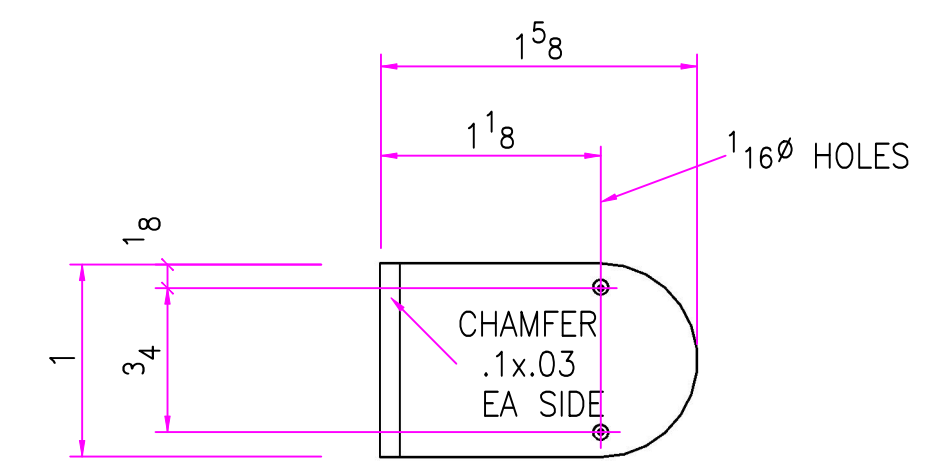
**OPTIONAL WEDGE SUPPORT OUTER ROD**  
12 REQUIRED



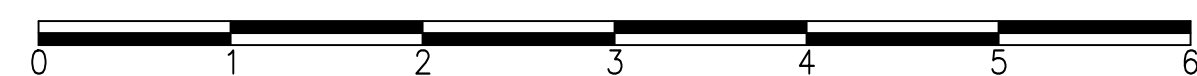
**WEDGE GUIDE PLATE**  
6 REQ'D  
SCALE: FULL  
R12GA



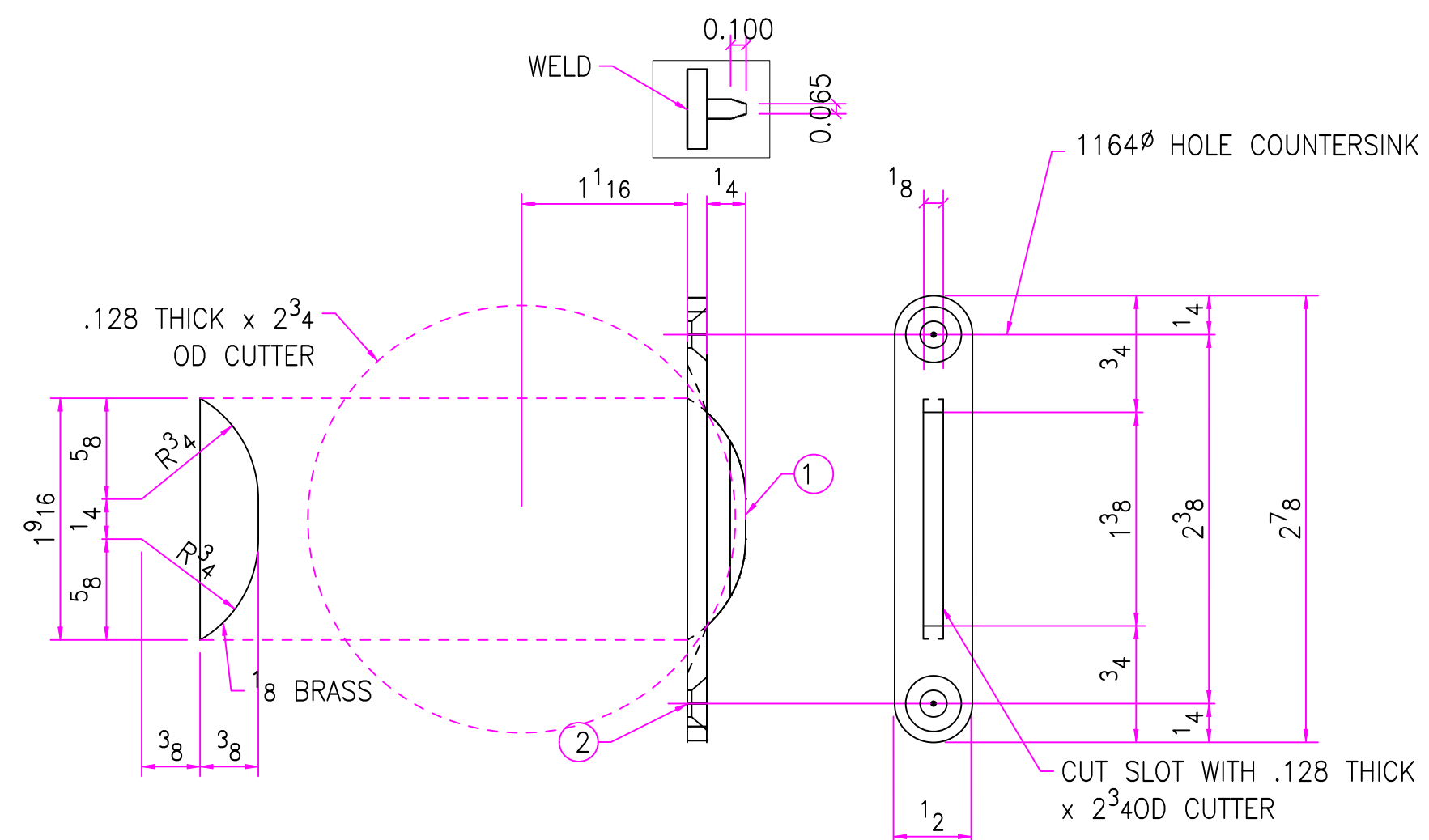
**PLANK GUIDE PLATE**  
6 REQ'D  
SCALE: FULL  
R12GA



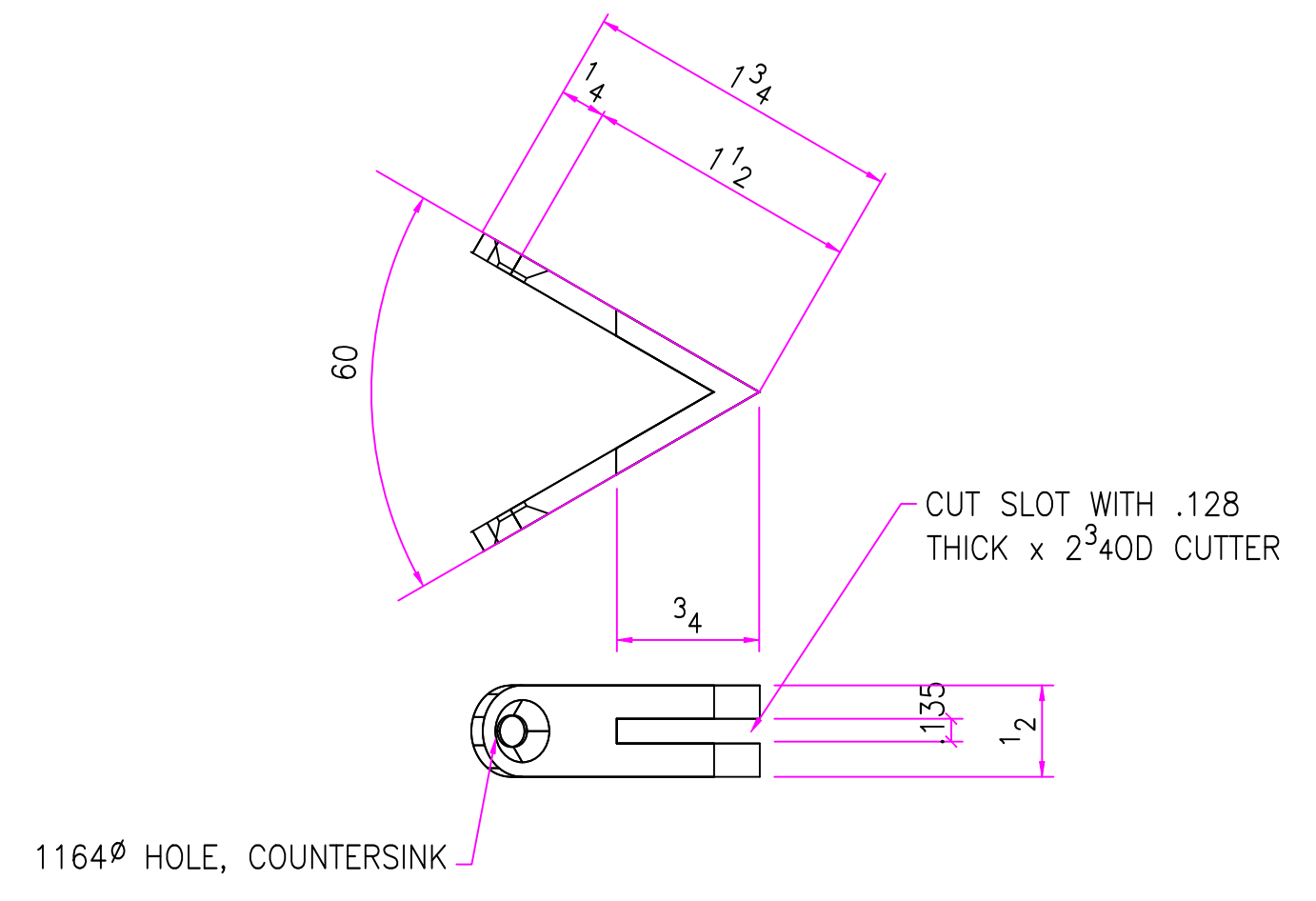
**STAR ALIGN PLATE**  
BRASS R1/8  
12 REQUIRED



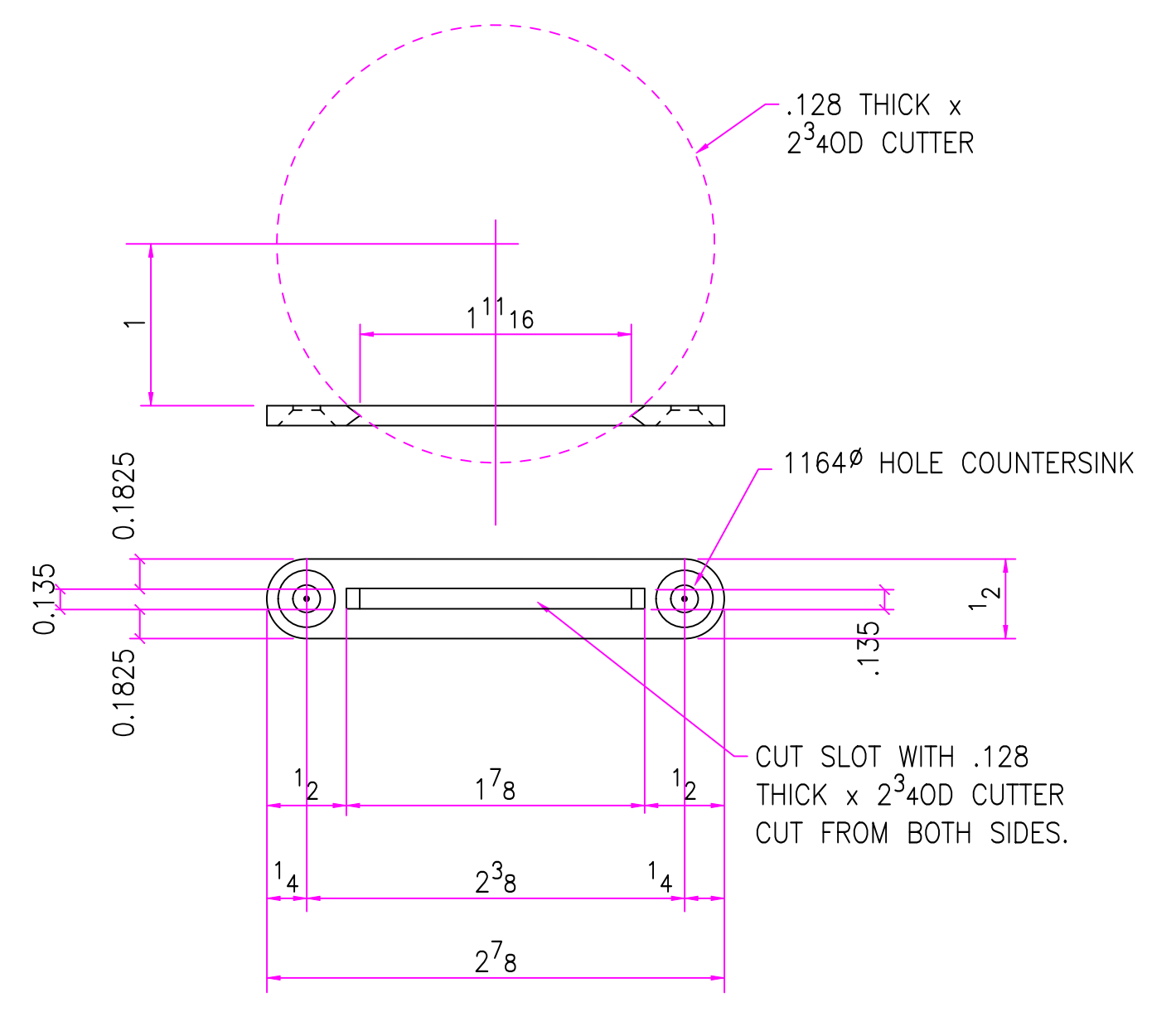




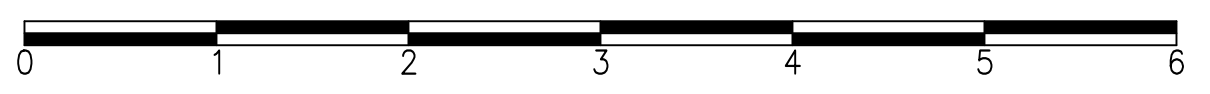
SIDE ALIGN TAB  
 36 REQ'D  
 SCALE: FULL  
 1/8 BRASS

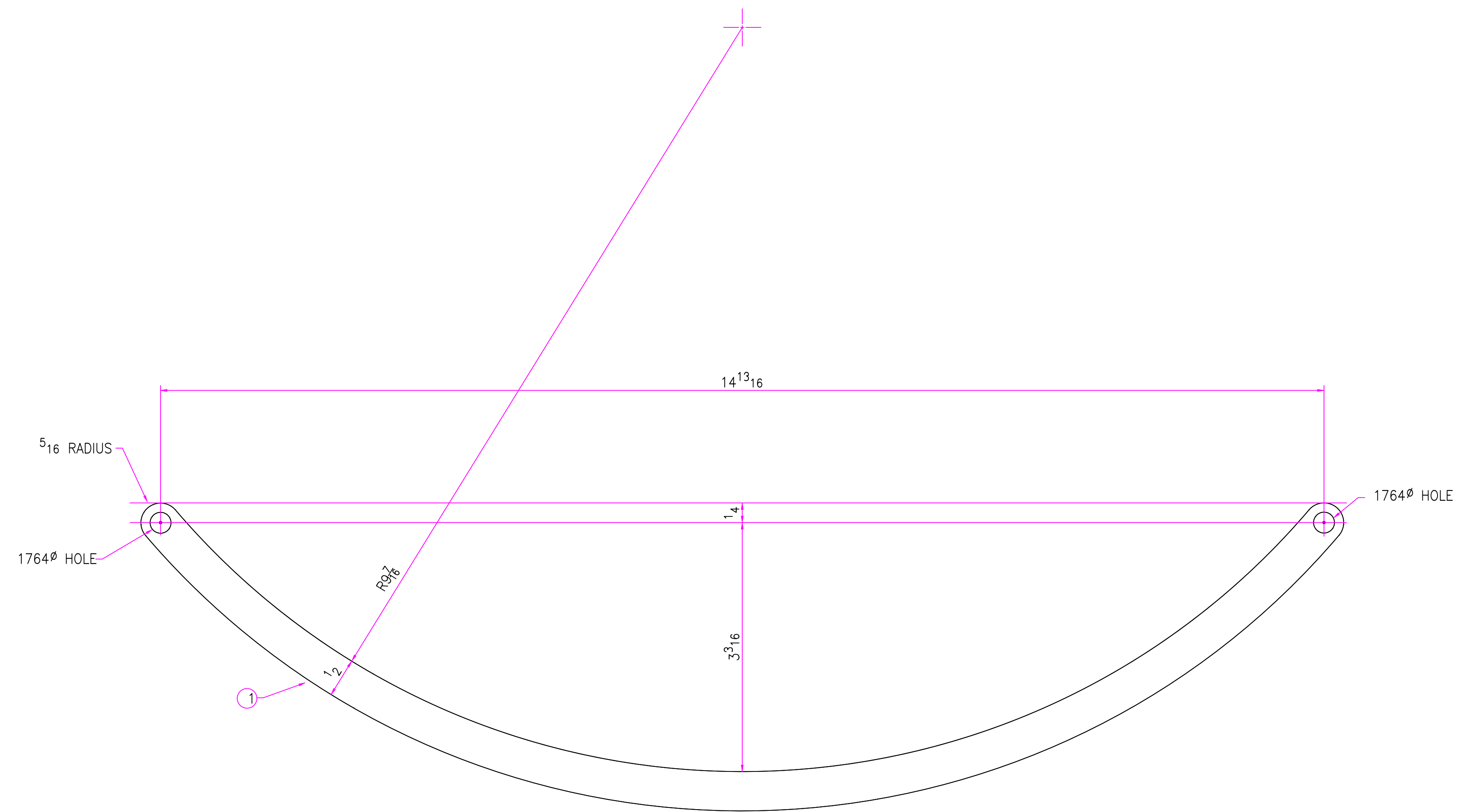


POINT SLOT PLATE  
 12 REQ'D  
 SCALE: FULL  
 1/8 BRASS



SIDE SLOT PLATE  
 36 REQ'D  
 SCALE: FULL  
 1/8 BRASS



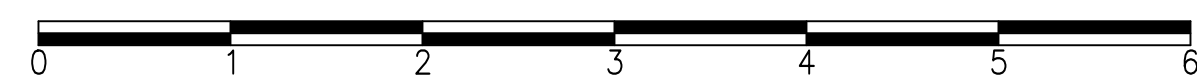
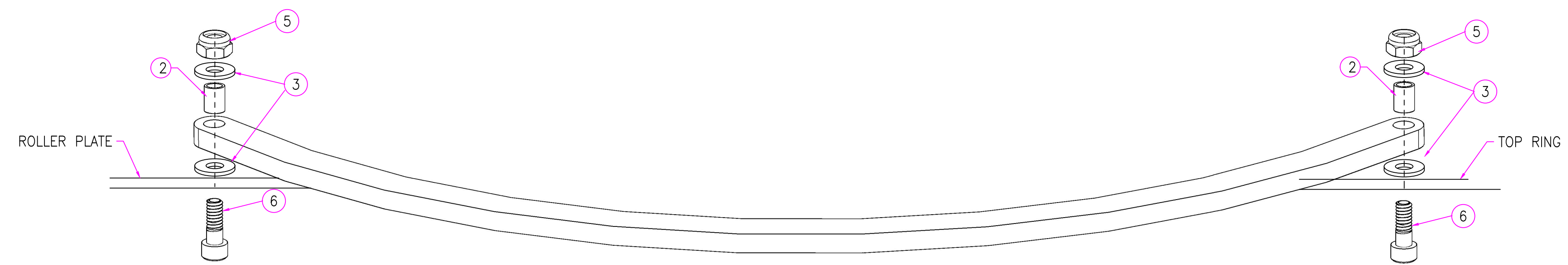


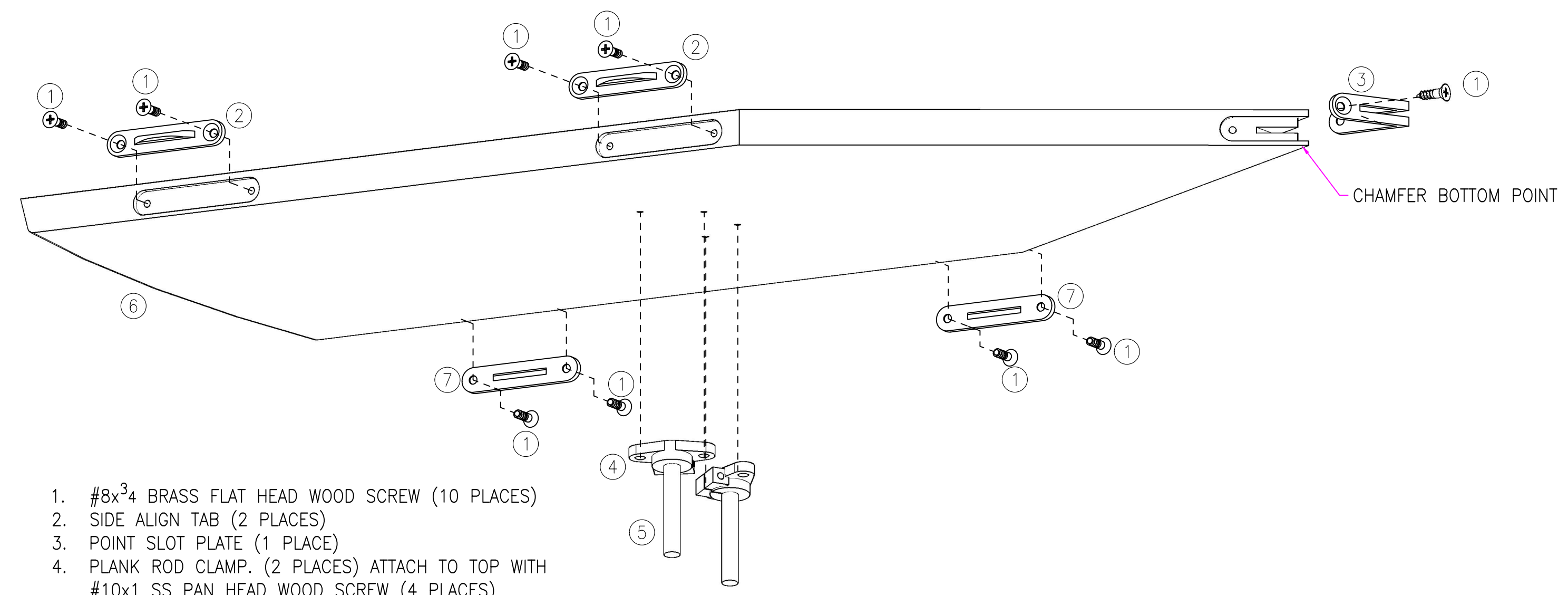
RADIAL ARM TEMPLATE

12 REQ'D

SCALE: FULL  
R18

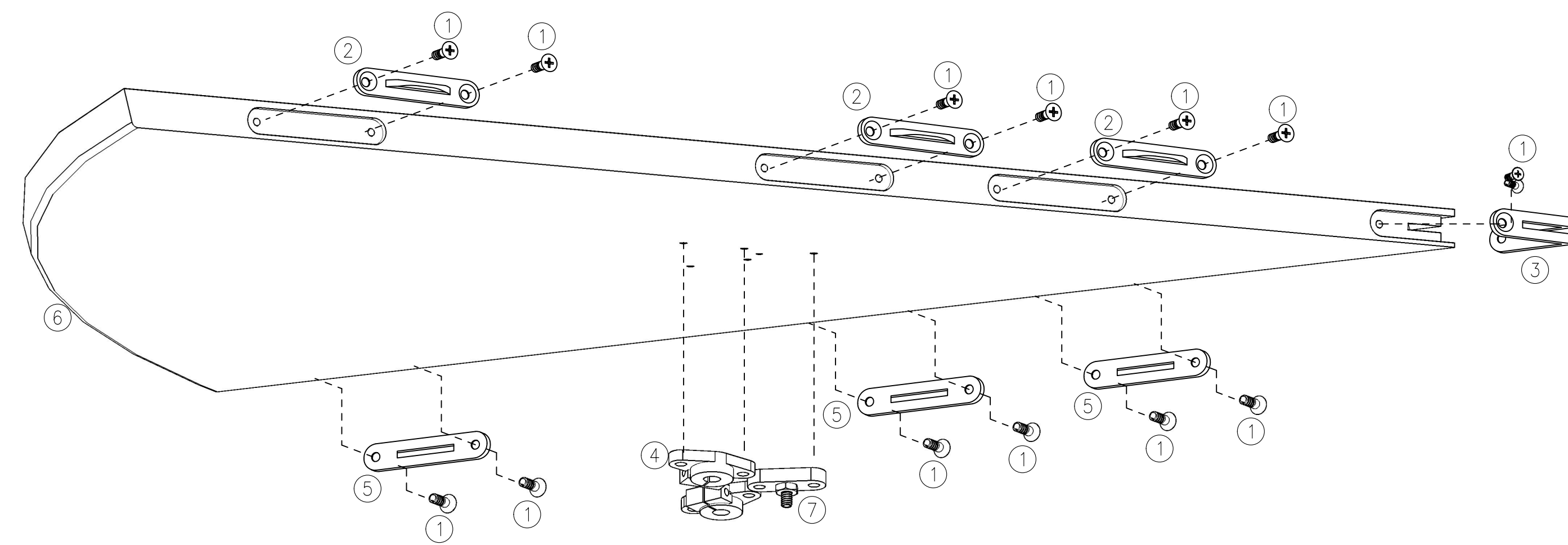
1. BAR  $\frac{1}{4}$  x  $\frac{1}{2}$  (1 EACH)
2. SS TUBE  $\frac{1}{4}\phi$  OD x  $.194$  ID x  $.270$  LONG (2 EACH)
3. #10 SS WASHER (4 EACH)
4. #10-32 X  $\frac{3}{4}$  SS SOCKET HEAD CAP SCREW (1 EACH)
5. #10-32 SS LOCK NUT (2 EACH)





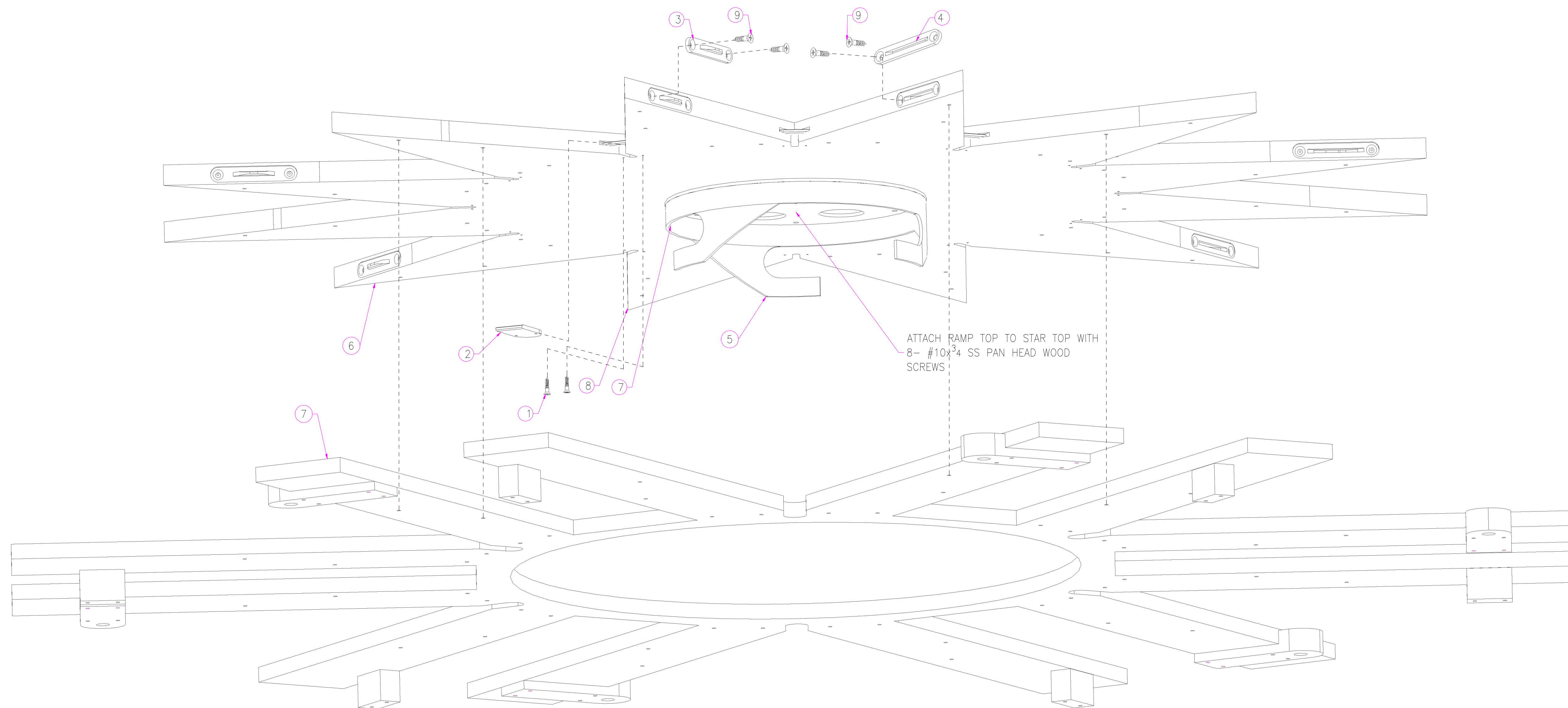
1. #8x<sup>3</sup>/<sub>4</sub> BRASS FLAT HEAD WOOD SCREW (10 PLACES)
2. SIDE ALIGN TAB (2 PLACES)
3. POINT SLOT PLATE (1 PLACE)
4. PLANK ROD CLAMP. (2 PLACES) ATTACH TO TOP WITH #10x1 SS PAN HEAD WOOD SCREW (4 PLACES)
5. PLANK GUIDE ROD (2 PLACES)
6. PLANK TOP (1 PLACE)
7. SIDE SLOT PLATE (2 PLACES)

PLANK TOP  
6 REQ'D  
SCALE: 6" = 1'-0



1. #8x<sup>3</sup>/<sub>4</sub> BRASS FLAT HEAD WOOD SCREW (14 PLACES)
2. SIDE ALIGN TAB (3 PLACES)
3. POINT SLOT PLATE
4. OUTER WEDGE ROD CLAMP. ATTACH TO TOP WITH #10x1 SS PAN HEAD WOOD SCREW (4 PLACES)
5. SIDE SLOT PLATE (3 PLACES)
6. WEDGE TOP
7. CENTER WEDGE ROD CLAMP. ATTACH TO TOP WITH #10x<sup>7</sup>/<sub>8</sub> SS PAN HEAD WOOD SCREW (2 PLACES)

WEDGE TOP  
6 REQ'D  
SCALE: 6" = 1'-0



STAR TOP  
ONE REQ'D  
SCALE: 6" = 1'-0

1. #4x5/8 SS FLAT HEAD WOOD SCREW (24 PLACES)
2. STAR ALIGN PLATE (12 PLACES)
3. SIDE ALIGN TAB (6 PLACES)
4. SIDE SLOT PLATE (6 PLACES)
5. STAR RAMP
6. STAR TOP
7. PLANK LIFT

