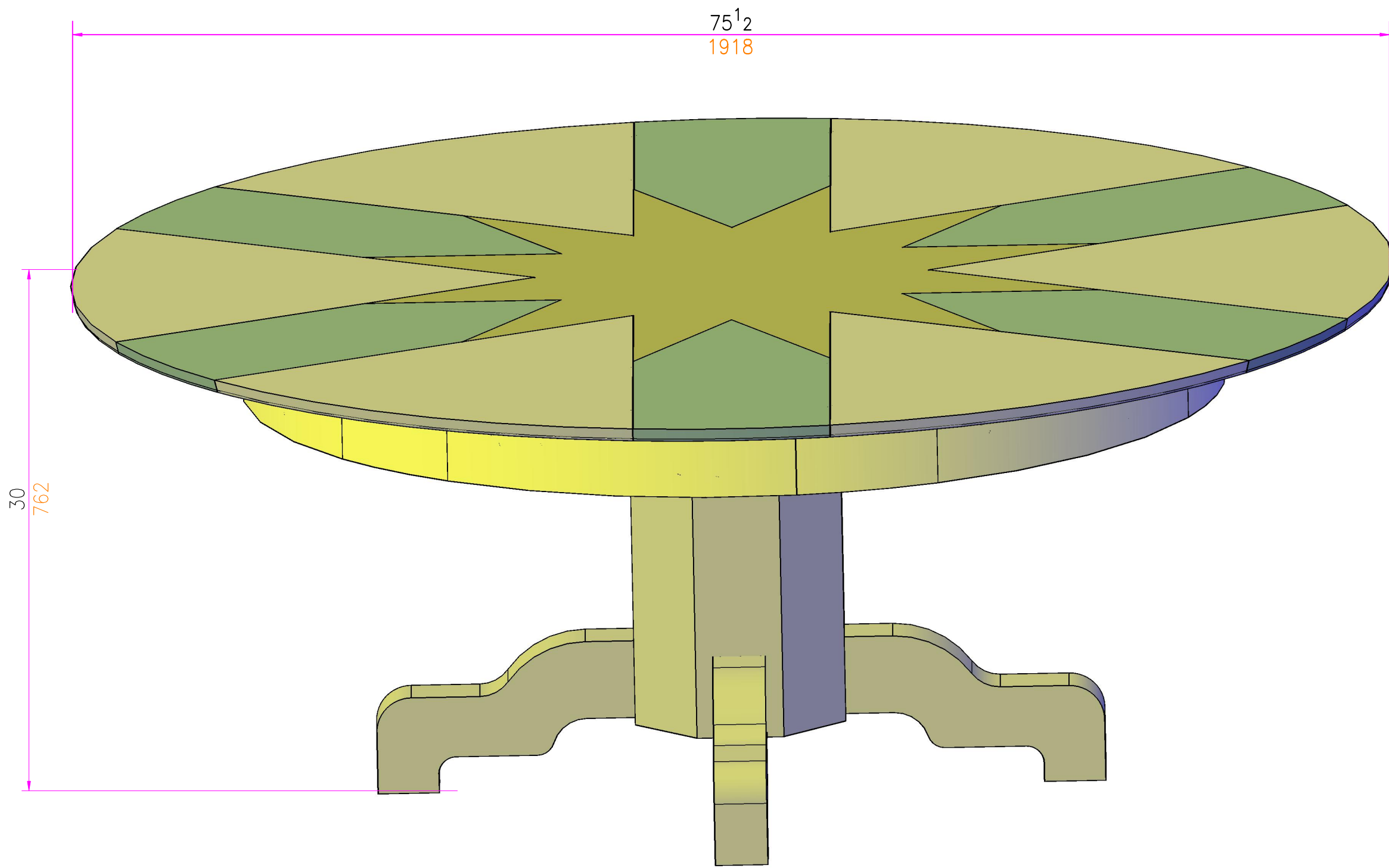
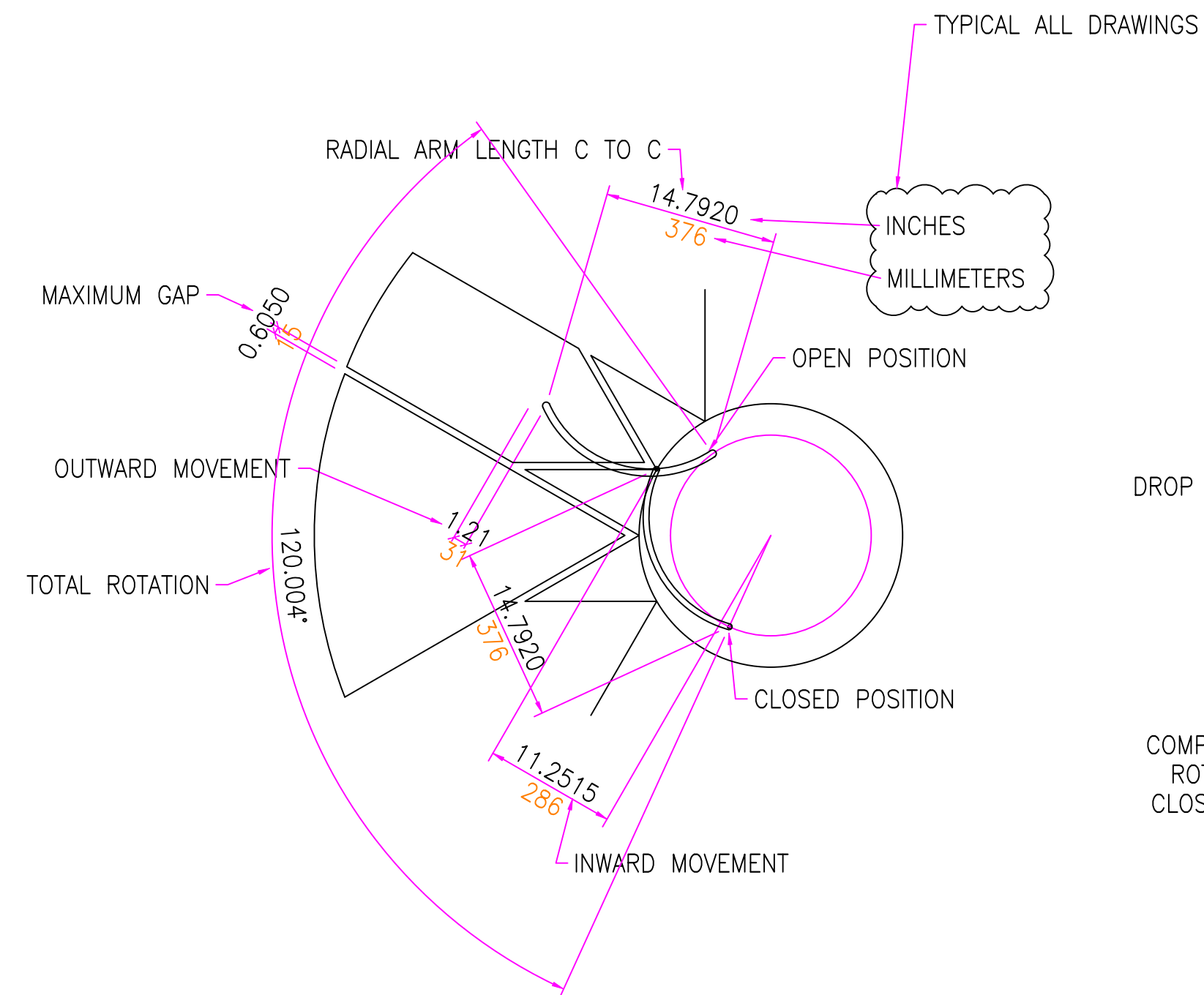
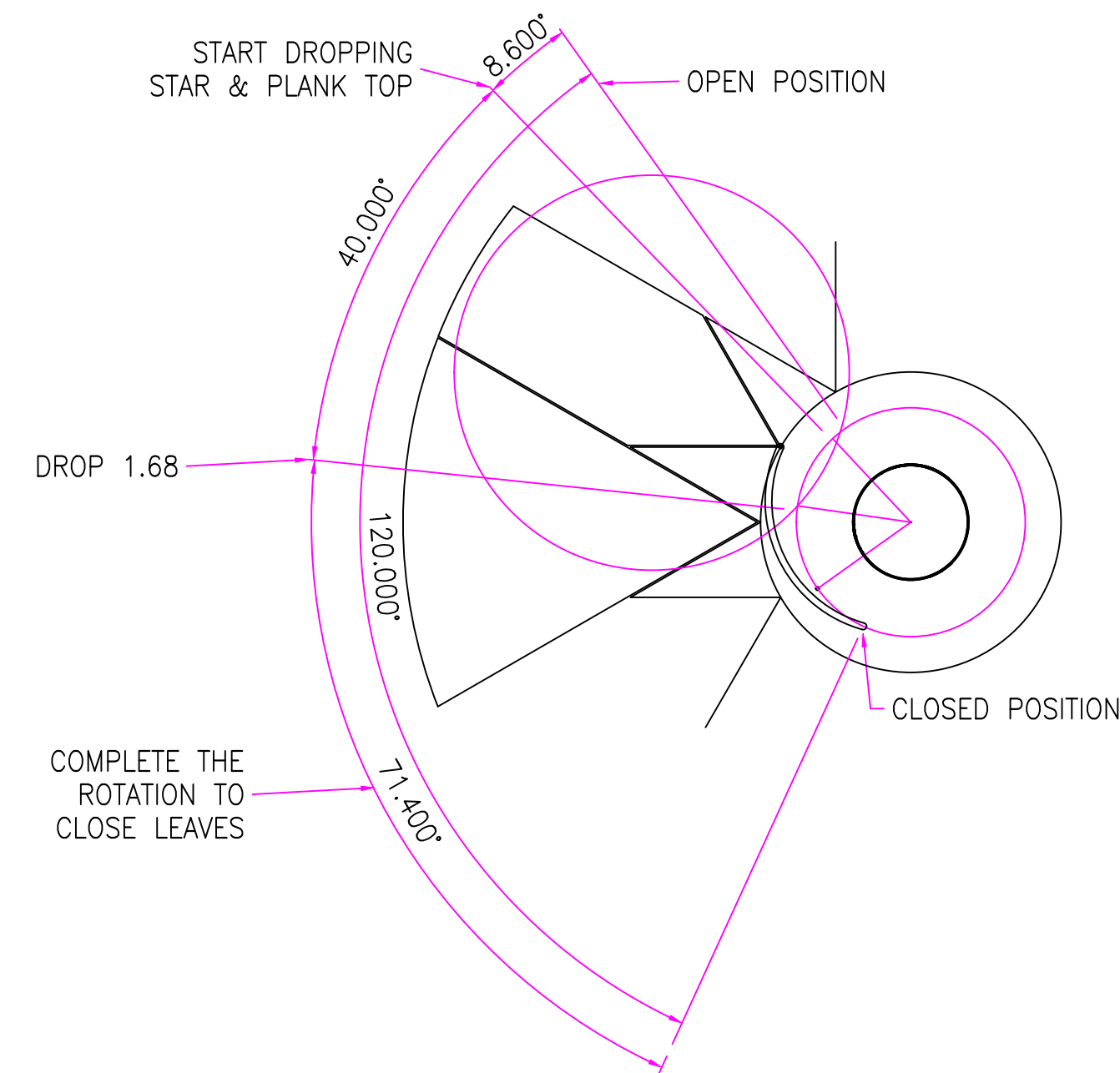




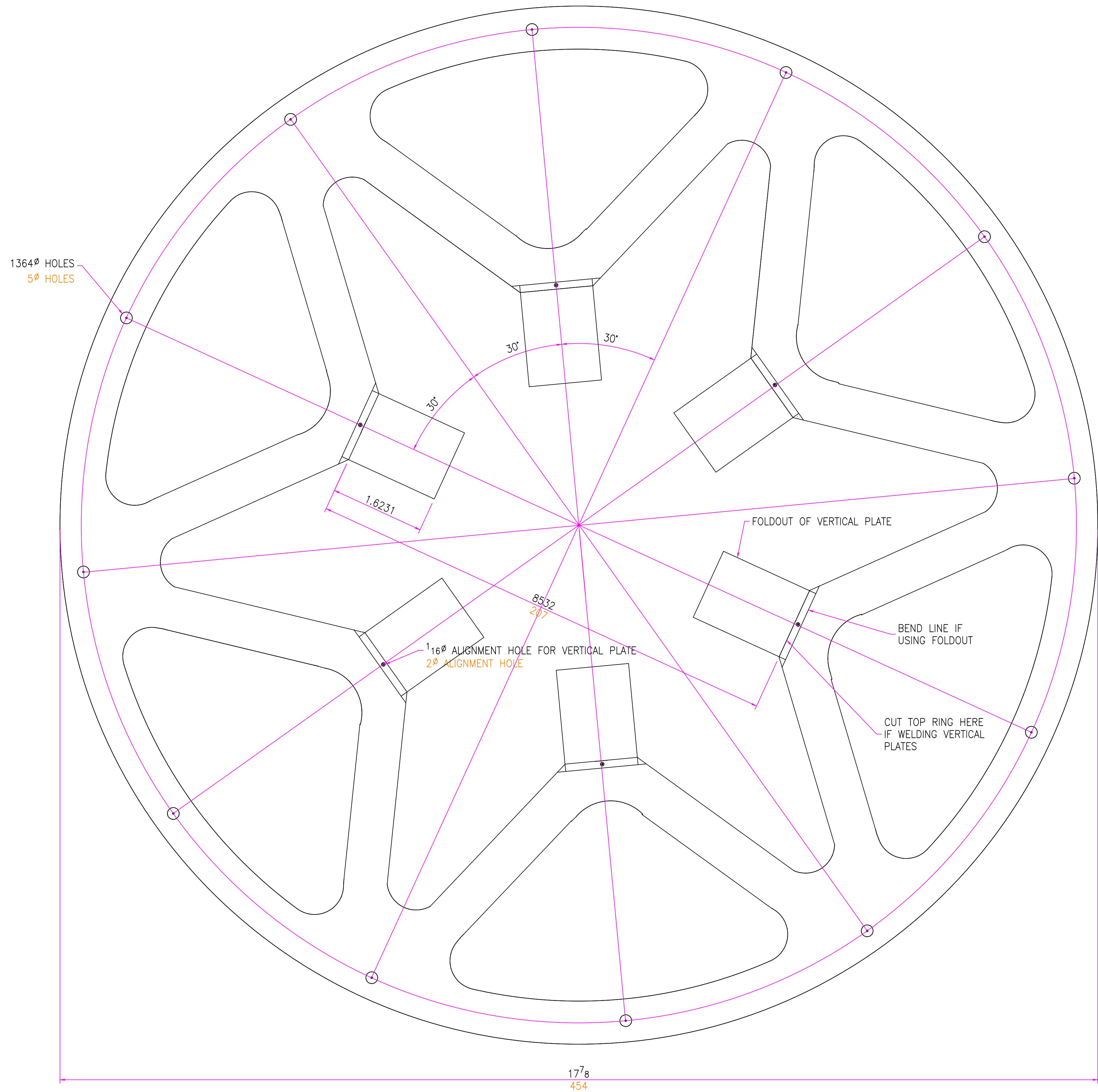
TOP OPENED



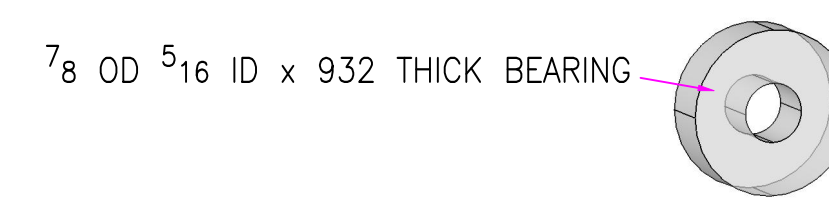
ROTATION ANGLES



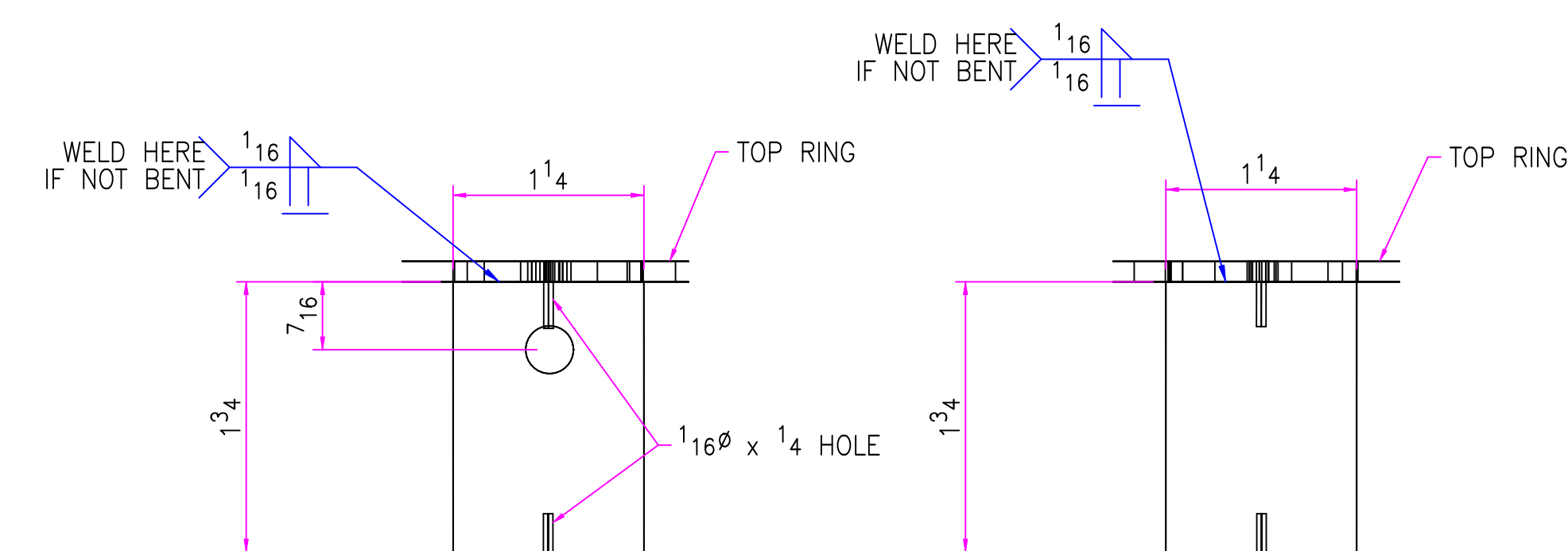
ROTATION ANGLES



TOP RING TEMPLATE
ONE REQ'D
SCALE: FULL
R10GA



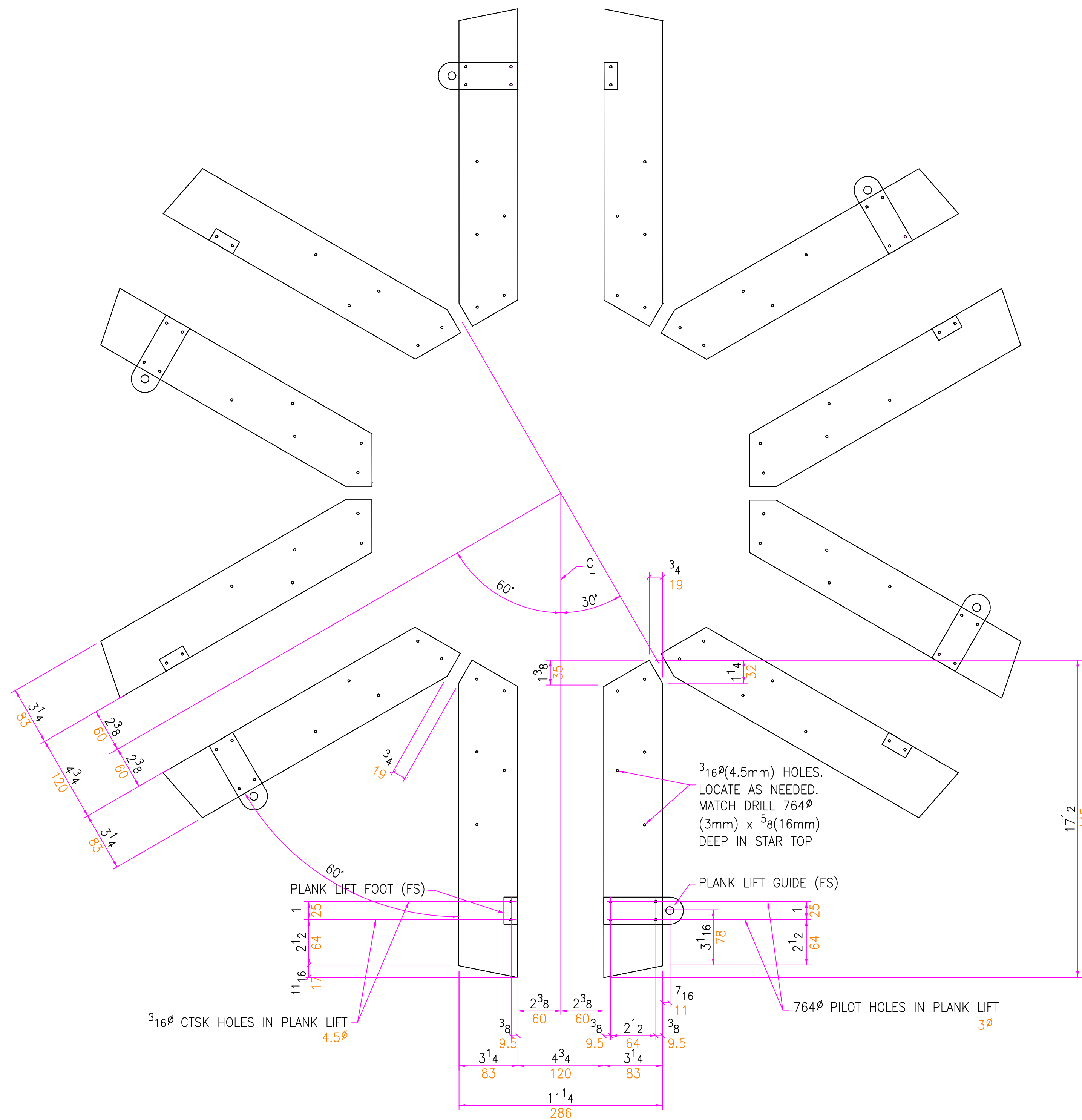
BEARING WHEEL
33 REQ'D
SCALE: FULL



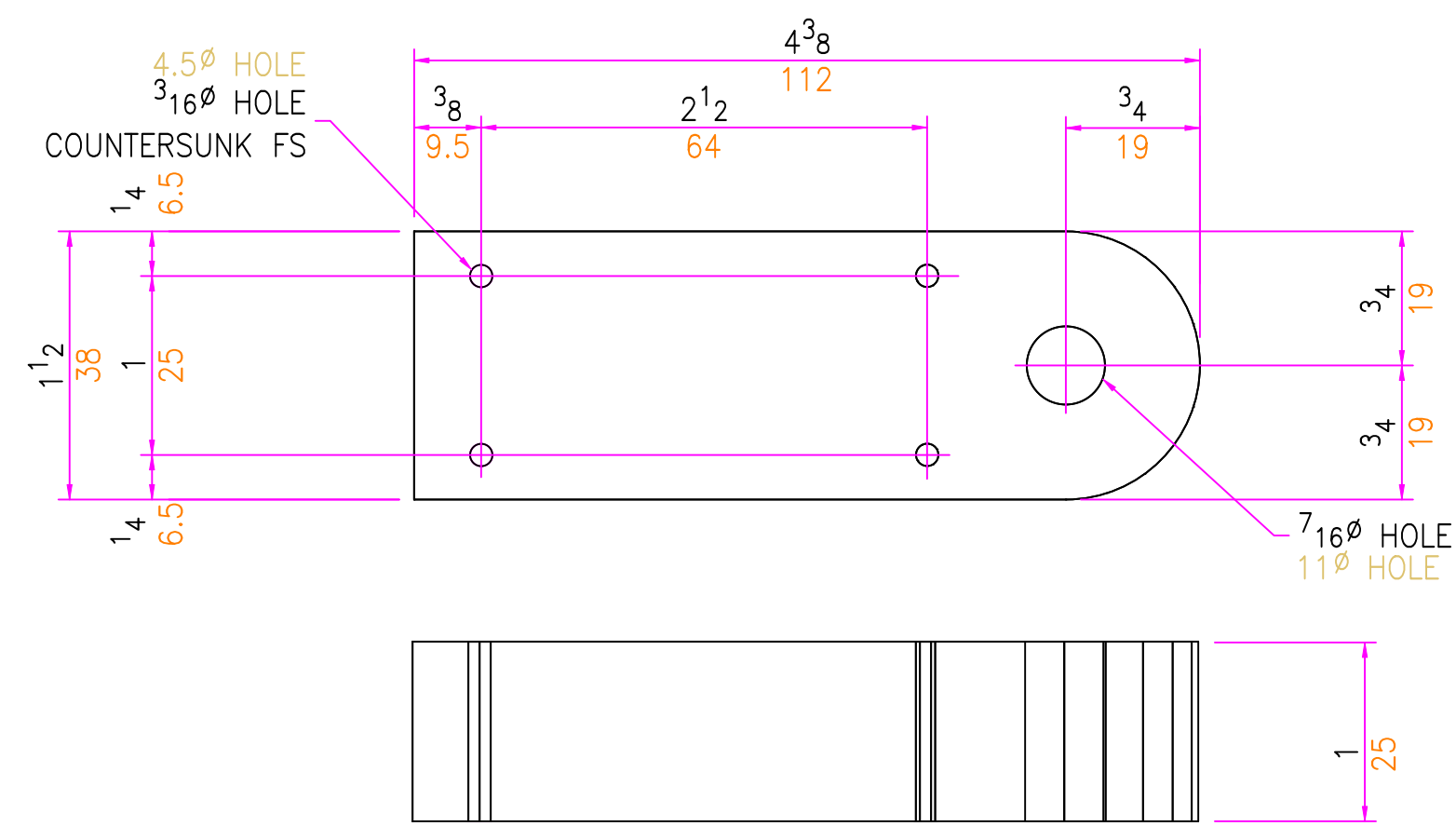
VERTICAL PLATE 1
3 REQ'D
SCALE: FULL

VERTICAL PLATE 2
3 REQ'D
SCALE: FULL

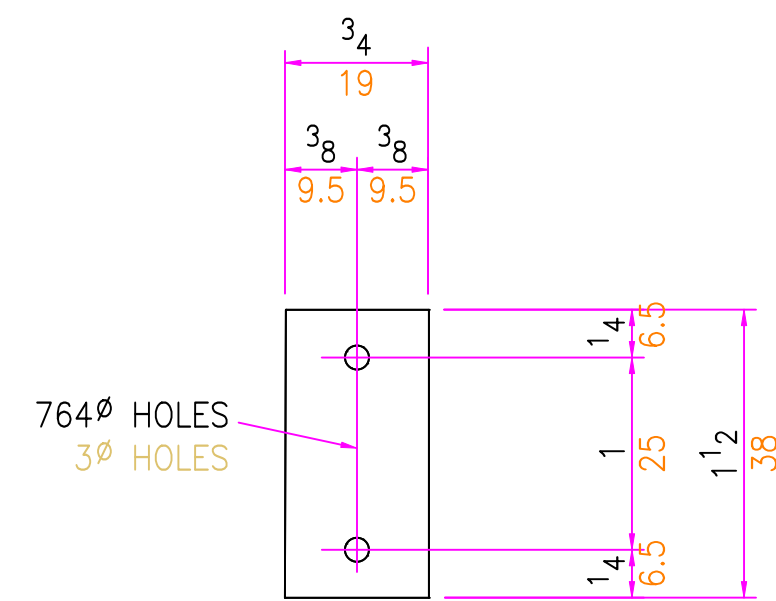
DESCRIPTION	DESCRIPTION	METRIC	QUANTITY	SOURCE
1. (6) PLANK TO FLANGE MOUNT	(8) #10 x ⁵ / ₈ SS FLAT HEAD WOOD SCREW	M5-0.8 x 16	48	BOLT DEPOT
2. (6) WEDGE TO FLANGE MOUNT	(12) #10 x ⁵ / ₈ SS FLAT HEAD WOOD SCREW	M5-0.8 x 16	72	BOLT DEPOT
3. (42) SLOT PL	(2) #8 x ³ / ₄ BRASS FLAT HEAD WOOD SCREW	M4 x 20	84	BOLT DEPOT
4. (42) ALIGN TAB	(2) #8 x ³ / ₄ BRASS FLAT HEAD WOOD SCREW	M4 x 20	84	BOLT DEPOT
5. (12) WEDGE, PLANK POINT PL	(2) #8 x ³ / ₄ BRASS FLAT HEAD WOOD SCREW	M4 x 20	24	BOLT DEPOT
6. (12) STAR POINT PL	(4) #4 x ⁵ / ₈ SS FLAT HEAD WOOD SCREW	M3 x 16	48	BOLT DEPOT
7. (6) PLANK GUIDE PL	(4) M5 x 8 SS SOCKET HEAD CAP SCREW	M5-0.8 x 8	24	BOLT DEPOT
8.	(2) FLANGED LINEAR BEARING 10mm ID		12	AMAZON
9.	(2) ROD 10mm		12	AMAZON
10. (6) WEDGE GUIDE PL	(4) M5 x 8 SS SOCKET HEAD CAP SCREW	M5-0.8 x 8	24	BOLT DEPOT
11.	(3) ROD 10mm		18	AMAZON
12.	(2) #10-32 x ³ / ₄ SS SOCKET CAP SCREW	M5-0.8 x 20	12	BOLT DEPOT
13.	(1) #10-32 x 1 SS SOCKET CAP SCREW	M5-0.8 x 25	6	BOLT DEPOT
14.	(1) #10-32 SS LOCK NUT	M5-0.8	6	BOLT DEPOT
13. (1) STAR RAMP TOP PL	(6) #8 x ³ / ₄ SS FLAT HEAD WOOD SCREW	M4 x 20	6	BOLT DEPOT
14. (12) RADIAL ARMS	(2) #10-32 x ³ / ₄ SS SOCKET CAP SCREW	M5-0.8 x 20	24	BOLT DEPOT
15.	(2) #10-32 SS LOCK NUT	M5-0.8	24	BOLT DEPOT
16.	(4) #10 SS WASHER	M5	48	BOLT DEPOT
17.	(2) SS TUBE ¹ / ₄ OD x .194 ID		24	McMASTER-CARR 89495K775
18. (1) TOP RING TO COLUMN	(6) ³ / ₁₆ Ø x 1 ¹ / ₂ WOOD SCREW	M5 x 40	6	BOLT DEPOT
19. (1) BEARING TO COLUMN	(6) ³ / ₁₆ Ø x 1 ¹ / ₂ WOOD SCREW	M5 x 40	6	BOLT DEPOT
20. (1) BEARING TO ROTATING BASE	(4) ¹ / ₄ Ø-20 x 1 ¹ / ₂	M6-1 x 40	6	BOLT DEPOT
21. (4) LEG TO COLUMN	(2) ³ / ₈ Ø x 3 WOOD SCREW TO MACHINE SCREW	M10 x 75	8	McMASTER-CARR 90207A636
22.	(2) ³ / ₈ -16 NUT	M10-1.5	8	BOLT DEPOT
23.	(2) ³ / ₈ Ø WASHER	M10	8	BOLT DEPOT
24. (1) LEG TO COLUMN TOP	(6) #10 x 3 FLAT HEAD WOOD SCREW	M5 x 75	6	BOLT DEPOT
25. (33) BEARING ⁷ / ₈ Ø OD x ⁵ / ₁₆ Ø ID x .932 WIDE			33	
26. (6) @ BOTTOM ROTATING BASE	(1) ROD ⁵ / ₁₆ Ø x 1 ¹ / ₄		6	BOLT DEPOT
16. (6) OUTER RING WHEEL BOLT	(1) BOLT ⁵ / ₁₆ -18 x 1 ¹ / ₂	M8-1.25 x 40	6	BOLT DEPOT
17.	(1) FLAT WASHER ⁵ / ₁₆ ID x ¹ / ₂ OD	M8	6	BOLT DEPOT
18. (12) WEDGE WHEEL BOLT	(1) BOLT ⁵ / ₁₆ -18 x 1 ¹ / ₂	M8-1.25 x 40	12	BOLT DEPOT
19.	(1) ⁵ / ₁₆ -18 LOCK NUT	M8-1.25	12	BOLT DEPOT
20.	(1) FLAT WASHER ⁵ / ₁₆ ID x ¹ / ₂ OD	M8	12	BOLT DEPOT
21. (3) STAR RAMP WHEEL BOLT	(1) BOLT ⁵ / ₁₆ -18 x 1 ¹ / ₂	M8-1.25 x 40	3	BOLT DEPOT
14.	(1) ⁵ / ₁₆ -18 LOCK NUT	M8-1.25	3	BOLT DEPOT
15.	(2) FLAT WASHER ⁵ / ₁₆ ID x ¹ / ₂ OD		6	BOLT DEPOT
16. (6) OUTER RAMP WHEEL BOLT	(1) BOLT ⁵ / ₁₆ -18 x 2 ¹ / ₂	M8-1.25 x 65	6	BOLT DEPOT
14.	(1) ⁵ / ₁₆ -18 LOCK NUT	M8-1.25	6	BOLT DEPOT
15.	(2) FLAT WASHER ⁵ / ₁₆ ID x ¹ / ₂ OD		12	BOLT DEPOT
33. (6) PLANK LIFT GUIDE	(4) #8 x 1 FLAT HEAD WOOD SCREW	M4 x 25	24	BOLT DEPOT
34. (6) PLANK LIFT FOOT	(2) #8 x 1 FLAT HEAD WOOD SCREW	M4 x 25	12	BOLT DEPOT
35. (1) PLANK LIFT TO STAR	(48) #8 x 1 ¹ / ₄ FLAT HEAD WOOD SCREW	M4 x 30	48	BOLT DEPOT
36. (6) WEDGE WHEEL BEARING PLATE	(4) #8 x 1 ¹ / ₂ FLAT HEAD WOOD SCREW	M4 x 40	24	BOLT DEPOT
37. (6) OUTER RING BEARING PLATE	(2) #8 x 1 ¹ / ₄ FLAT HEAD WOOD SCREW	M4 x 30	12	BOLT DEPOT
38. (6) OUTER RAMP TO OUTER RING	(6) #8 x 1 FLAT HEAD WOOD SCREW	M4 x 25	36	BOLT DEPOT
39. (1) ROTATING BASE BOTTOM	(30) #10 x 1 ¹ / ₄ FLAT HEAD WOOD SCREW	M5 x 30	30	BOLT DEPOT
40.	(8) #8 x 1 ³ / ₄ FLAT HEAD WOOD SCREW	M4 x 45	8	BOLT DEPOT
41. (12) 15mmx400mm GUIDE RAILS	(4) #8 x 1 FLAT HEAD WOOD SCREW	M4 x 25	48	BOLT DEPOT
42.				
43.				
44. 4'-0 x 8'-0 x ³ / ₄ BIRCH PLYWOOD			2	
45. 4'-0 x 8'-0 x ¹ / ₂ BIRCH PLYWOOD			2	
46.				
47. PLATE 10GA			1	METALSDEPOT.COM
48. PLATE ¹ / ₄			1	METALSDEPOT.COM
49. BRASS ¹ / ₈ x ³ / ₈ x 2'-0			3	METALSDEPOT.COM
50. BRASS ¹ / ₈ x ¹ / ₂ x 2'-0			5	METALSDEPOT.COM
51. BRASS ¹ / ₈ x 1 x 1'-0			3	METALSDEPOT.COM
52. CUTTER WHEEL 1 ¹ / ₂ OD			1	
53. NARROW-WIDTH KEYSEAT CUTTER			1	McMASTER-CARR 2970A45
54. SS TUBE ¹ / ₄ OD x .194 ID x 1'-0			1	McMASTER-CARR 89495K775
55. LAZY SUSAN BEARING 12Ø			1	ACE HARDWARE



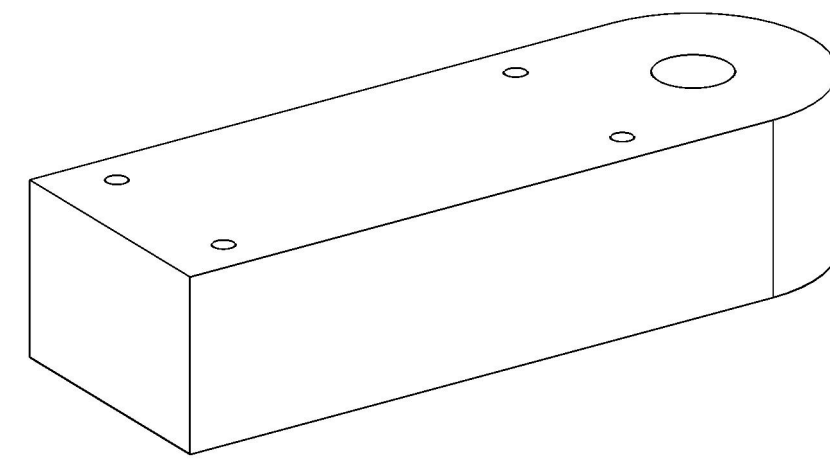
PLANK LIFT TEMPLATE
12 REQ'D
SCALE: 3" = 1'-0"
TOP VIEW
1/4" HARDWOOD PLYWOOD
6 HARDWOOD PLYWOOD



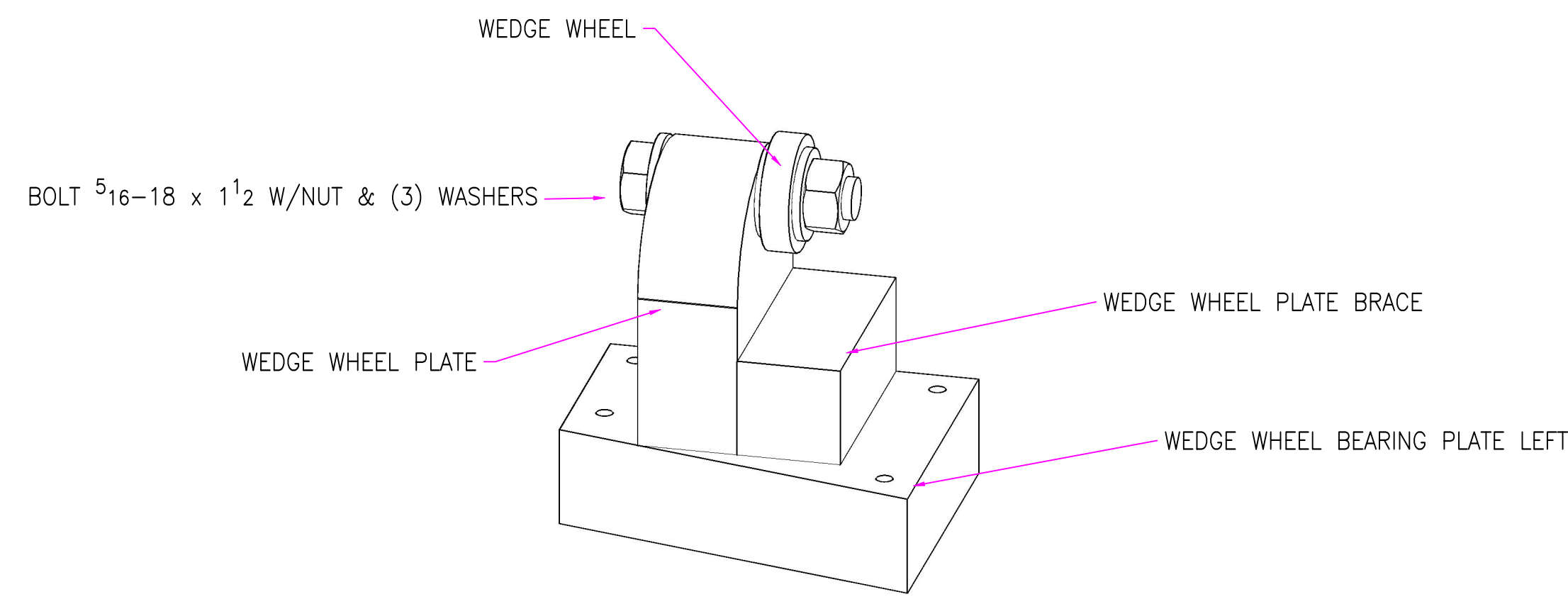
PLANK LIFT GUIDE
6 REQ'D
SCALE: FULL
1 HARDWOOD PLYWOOD
25 HARDWOOD PLYWOOD



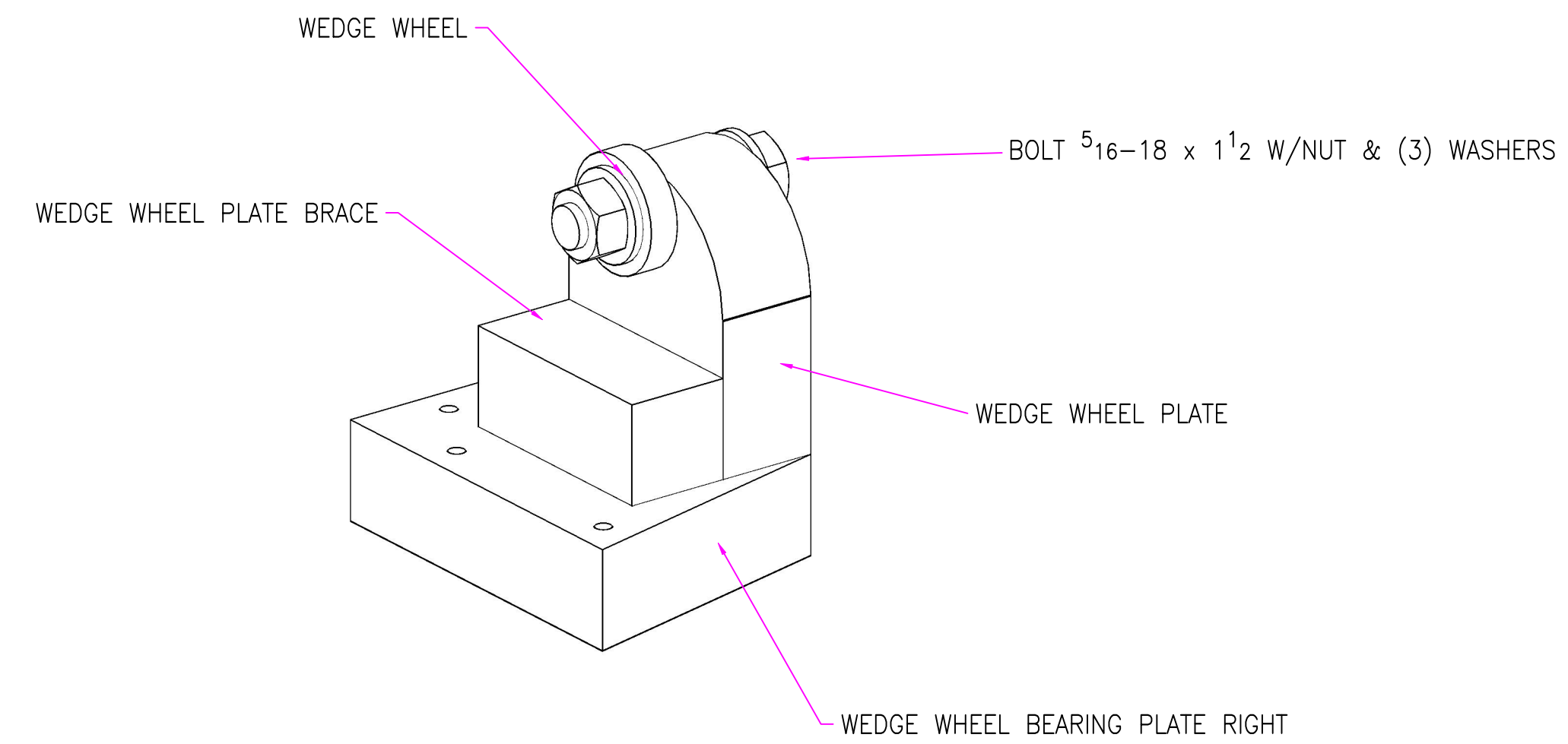
PLANK LIFT FOOT
6 REQ'D
SCALE: FULL
1 1/2" THICK WOOD



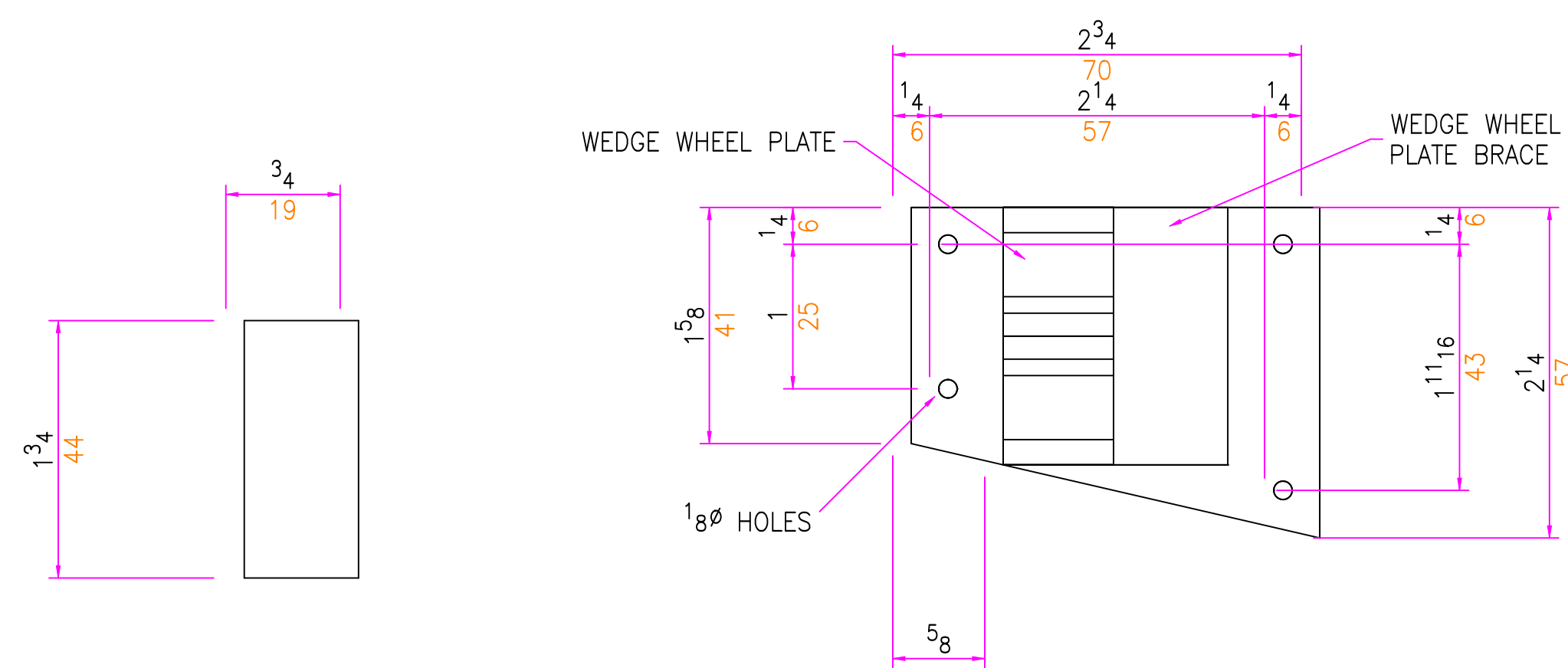




WEDGE WHEEL BEARING PLATE ASSEMBLY LEFT
6 REQ'D
SCALE: FULL

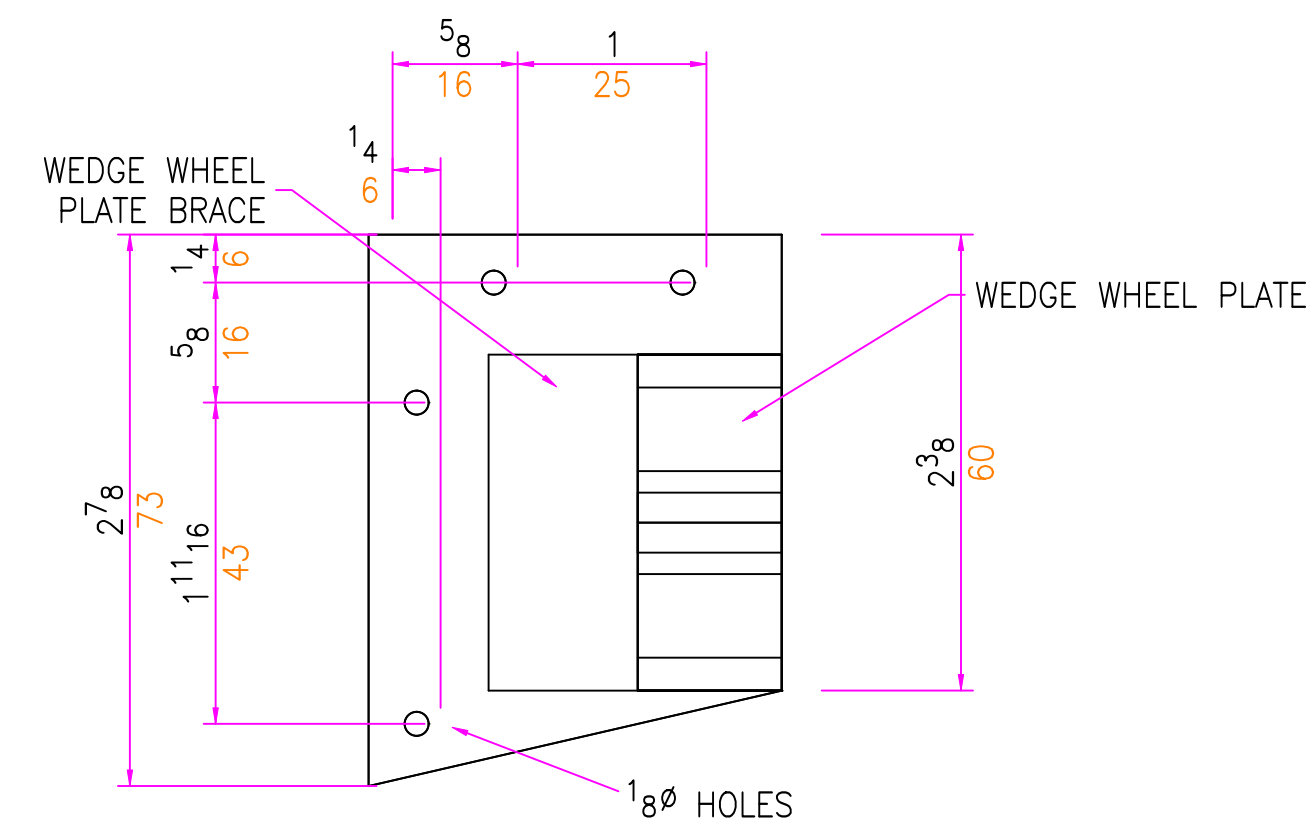


WEDGE WHEEL BEARING PLATE ASSEMBLY RIGHT
6 REQ'D
SCALE: FULL

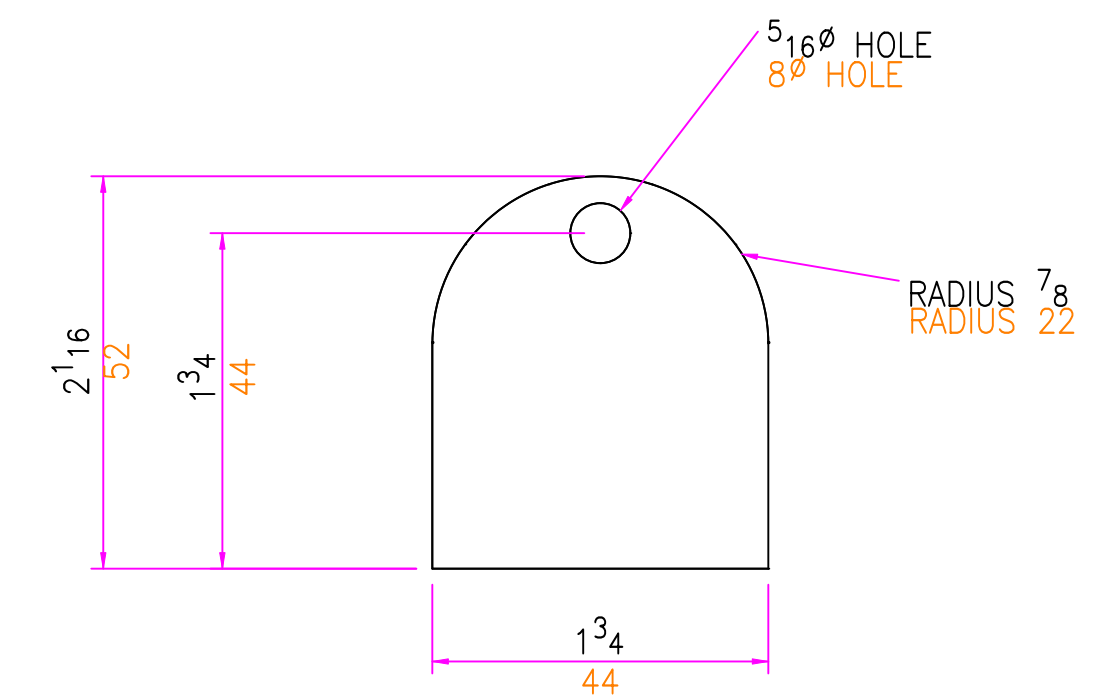


WEDGE WHEEL PLATE BRACE
12 REQ'D
SCALE: FULL
3/4 HARDWOOD PLYWOOD

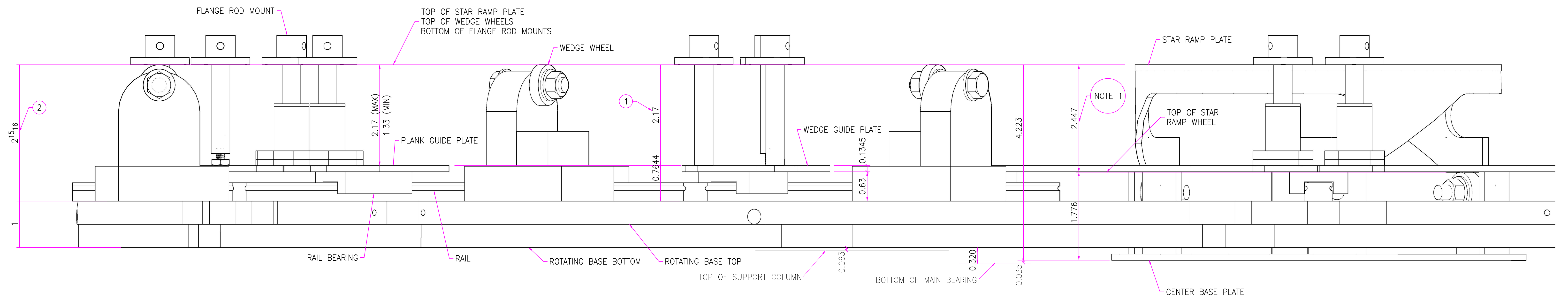
WEDGE WHEEL BEARING PLATE LEFT
6 REQ'D
SCALE: FULL
3/4 HARDWOOD PLYWOOD



WEDGE WHEEL BEARING PLATE RIGHT
6 REQ'D
SCALE: FULL
3/4 HARDWOOD PLYWOOD

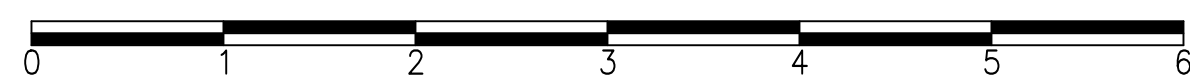


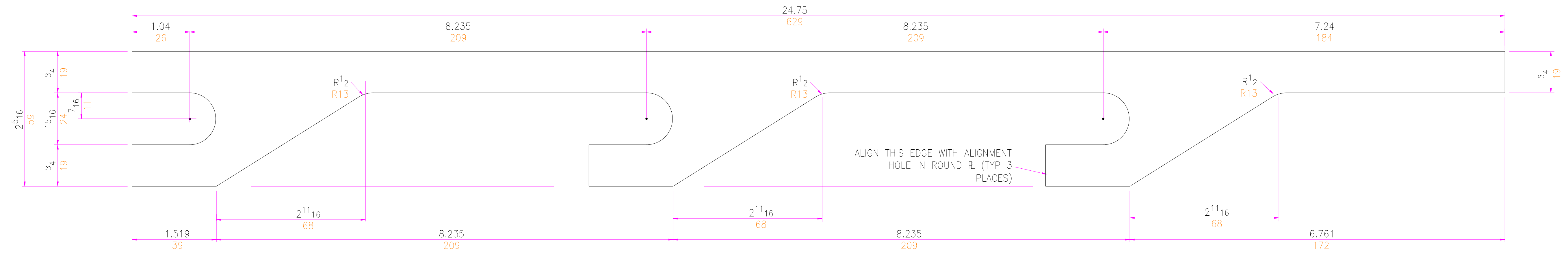
WEDGE WHEEL PLATE
12 REQ'D
SCALE: FULL
3/4 HARDWOOD PLYWOOD



ELEVATION VIEW
SCALE: FULL

NOTE 1
MEASURE ACTUAL "AS BUILT" DISTANCE AND
ADJUST DIMENSIONS 1 AND 2 AS NEEDED.

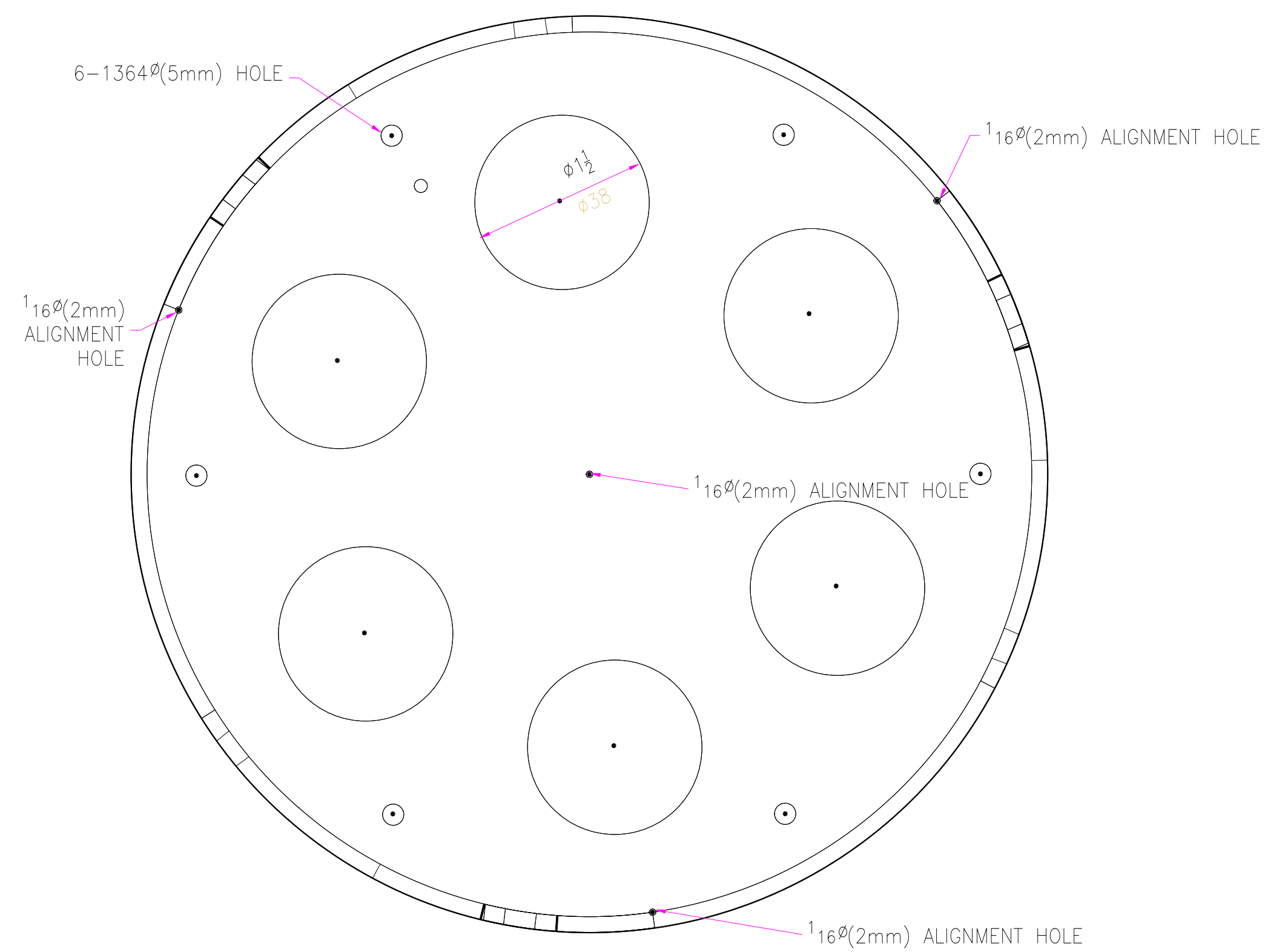




STAR RAMP PAPER TEMPLATE

WRAP AROUND ROLLED PLATE

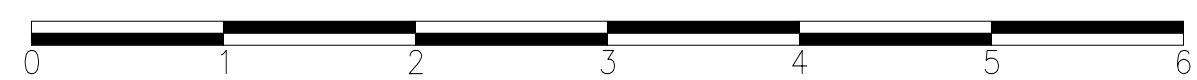
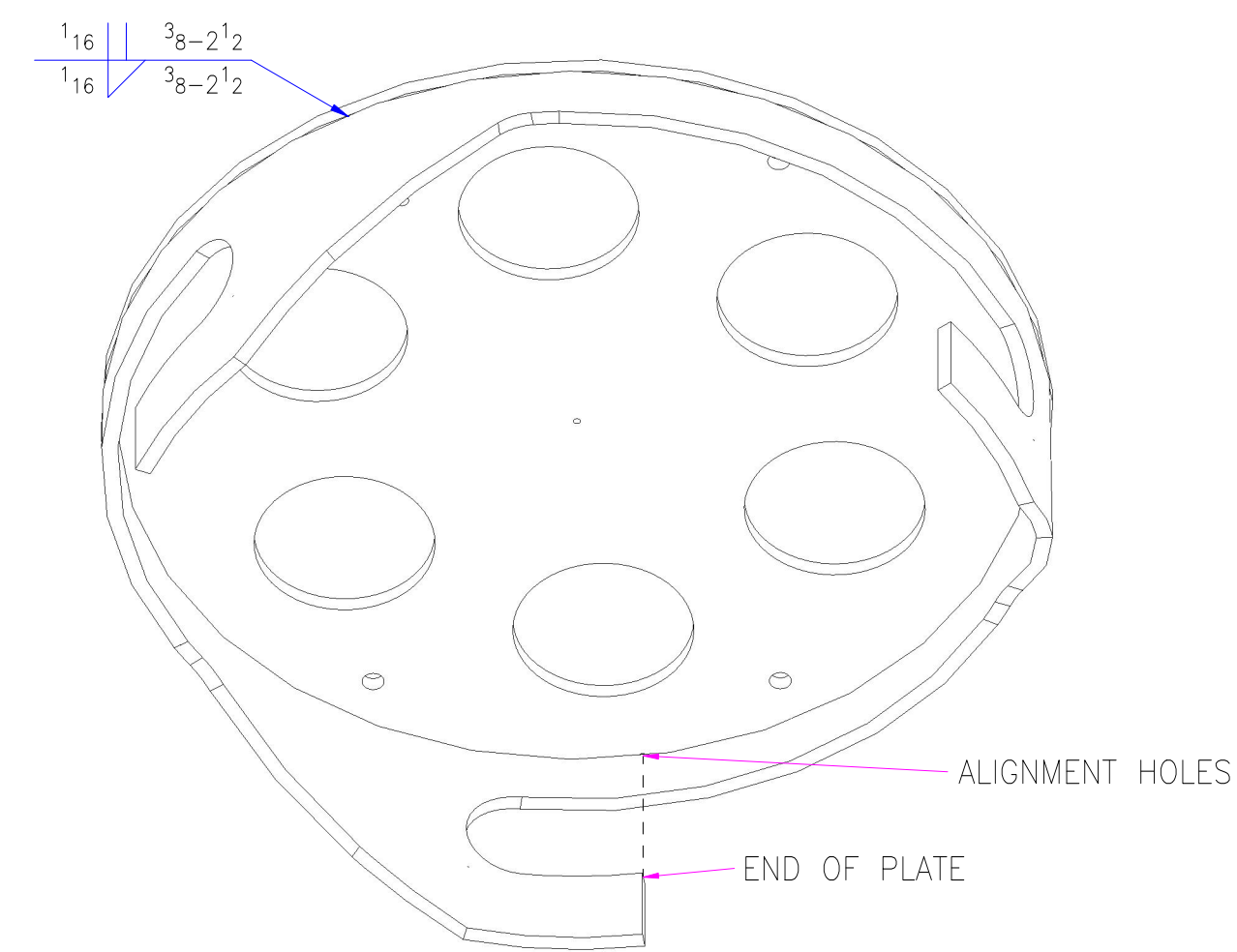
SCALE: FULL

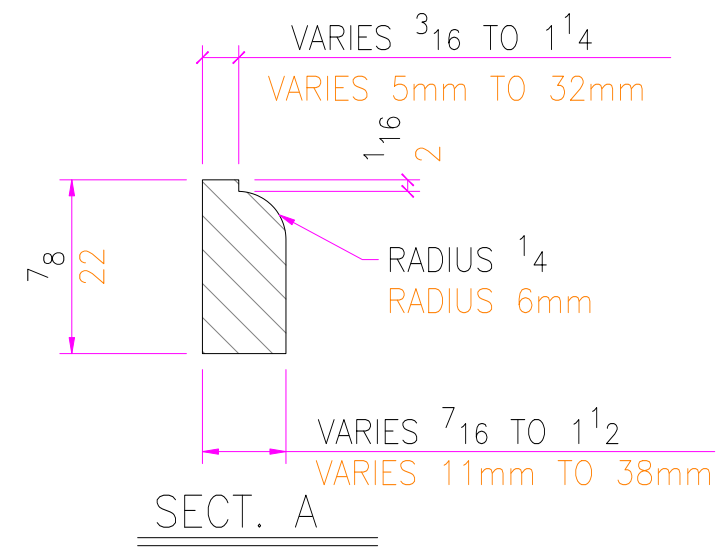
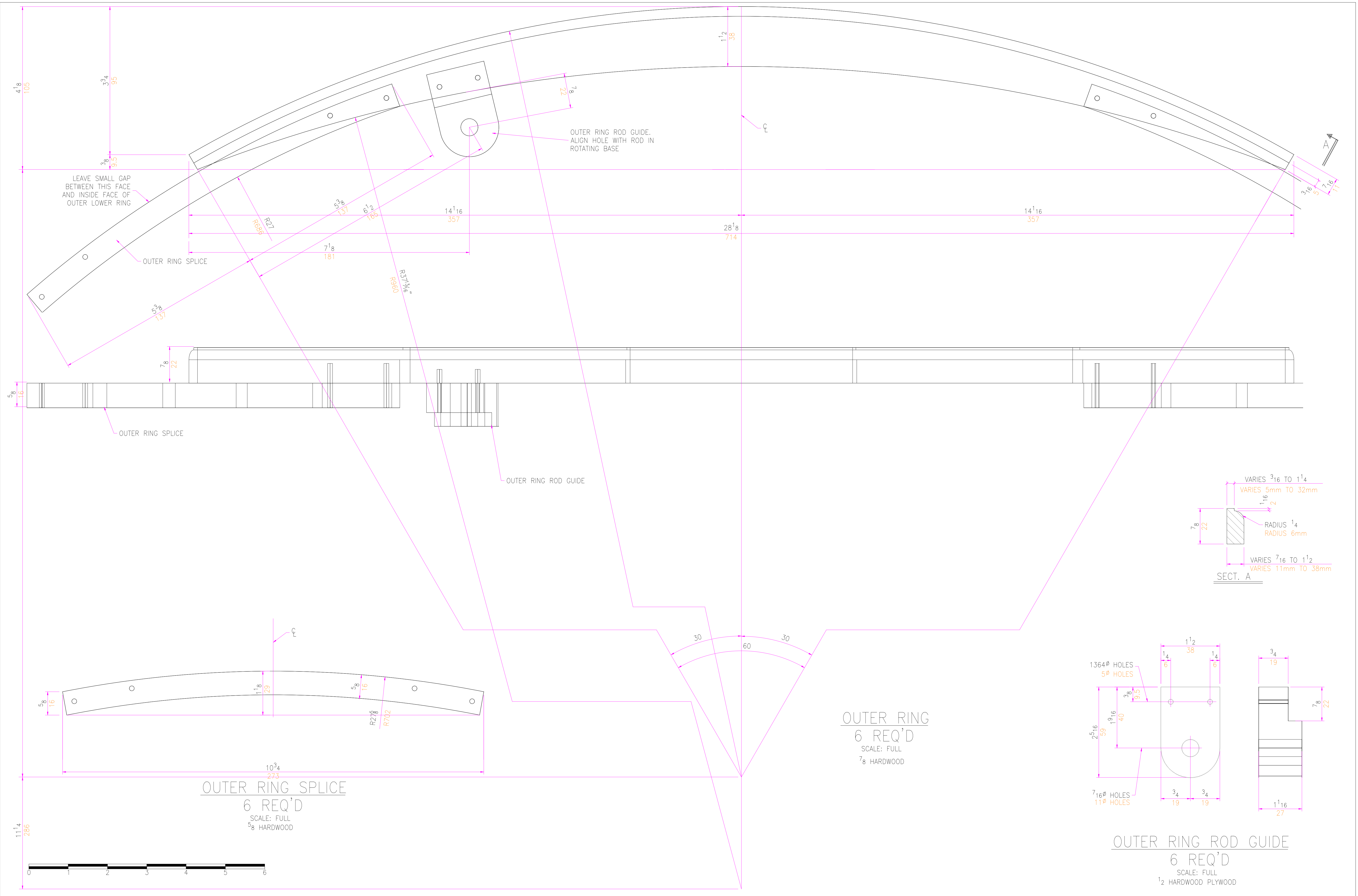


STAR RAMP ONE REQ'D

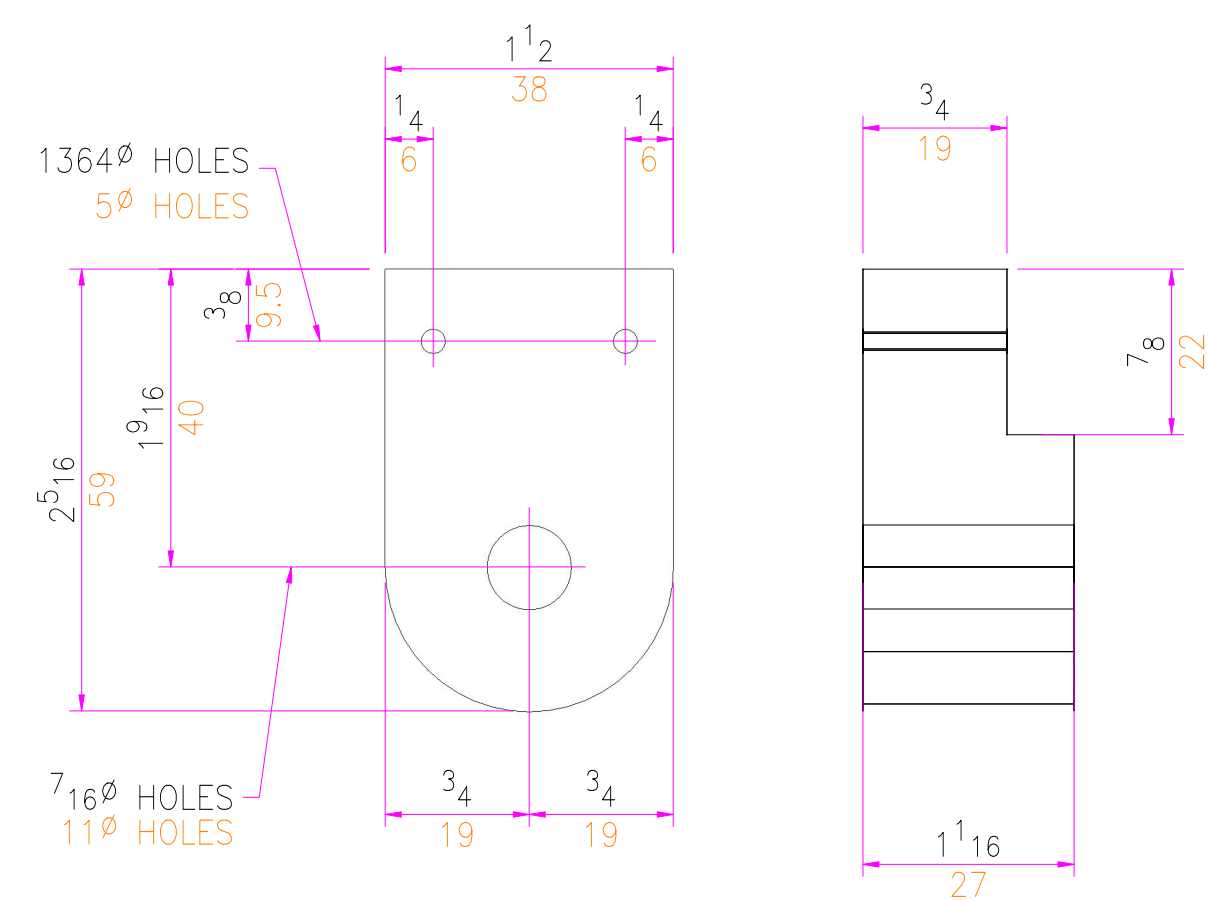
SCALE: FULL
BOTTOM VIEW
PL10GA

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





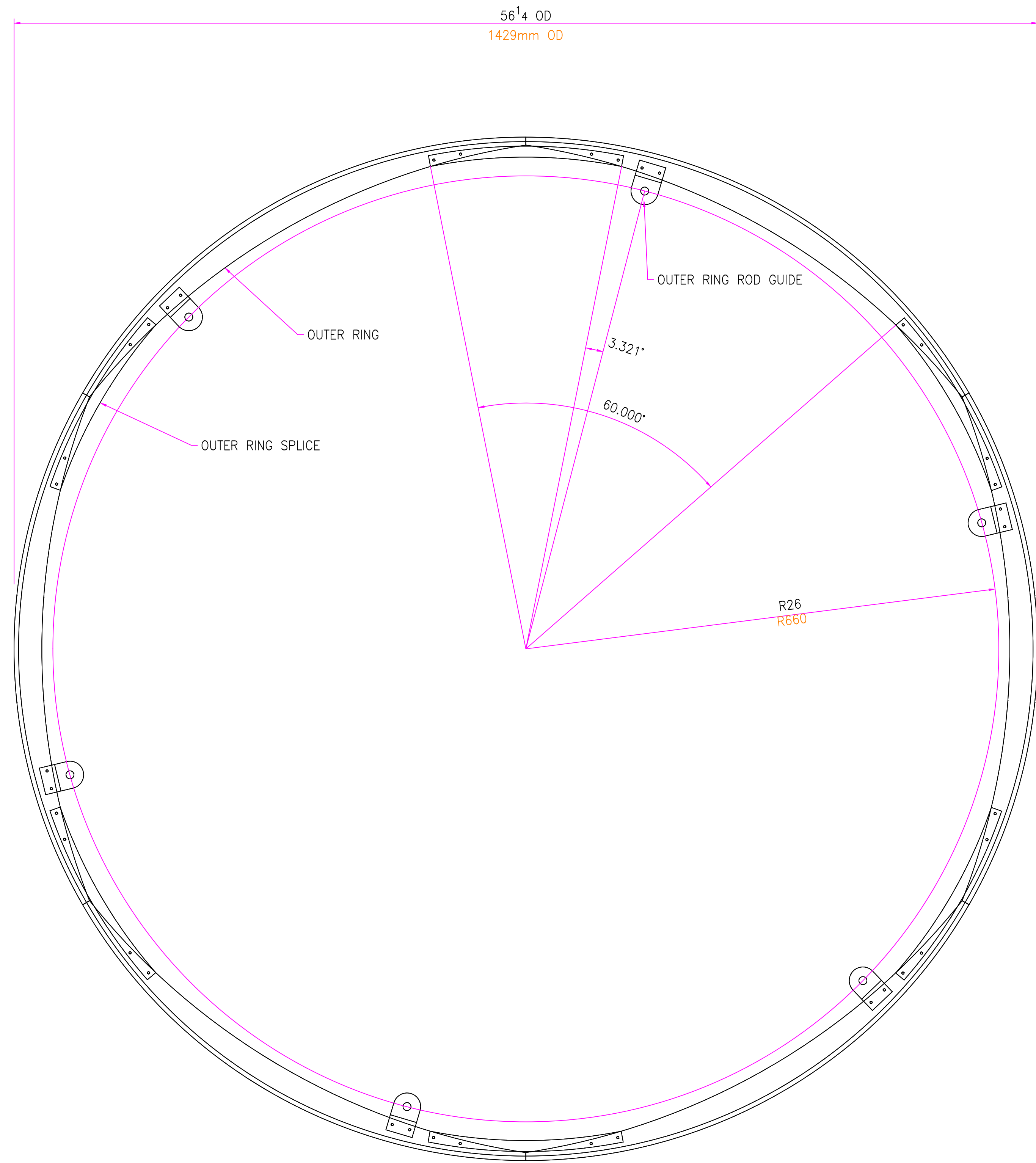
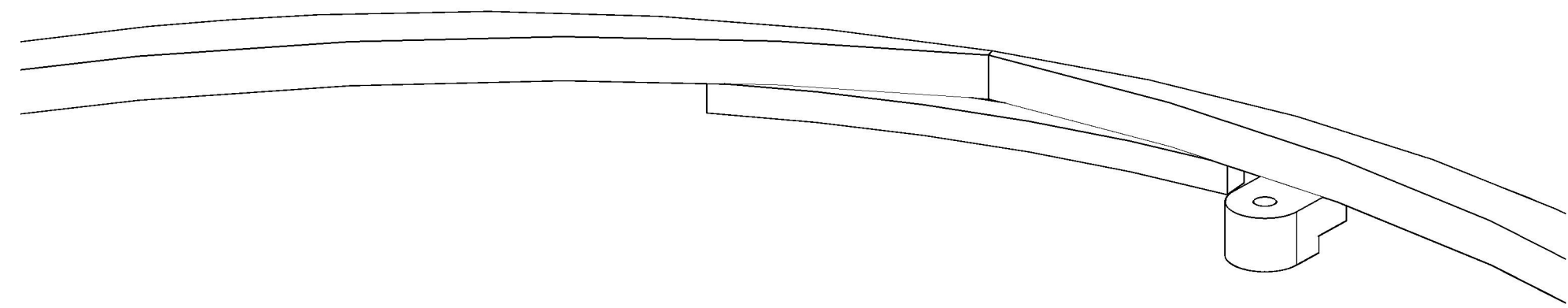
OUTER RING
6 REQ'D
SCALE: FULL
7/8 HARDWOOD



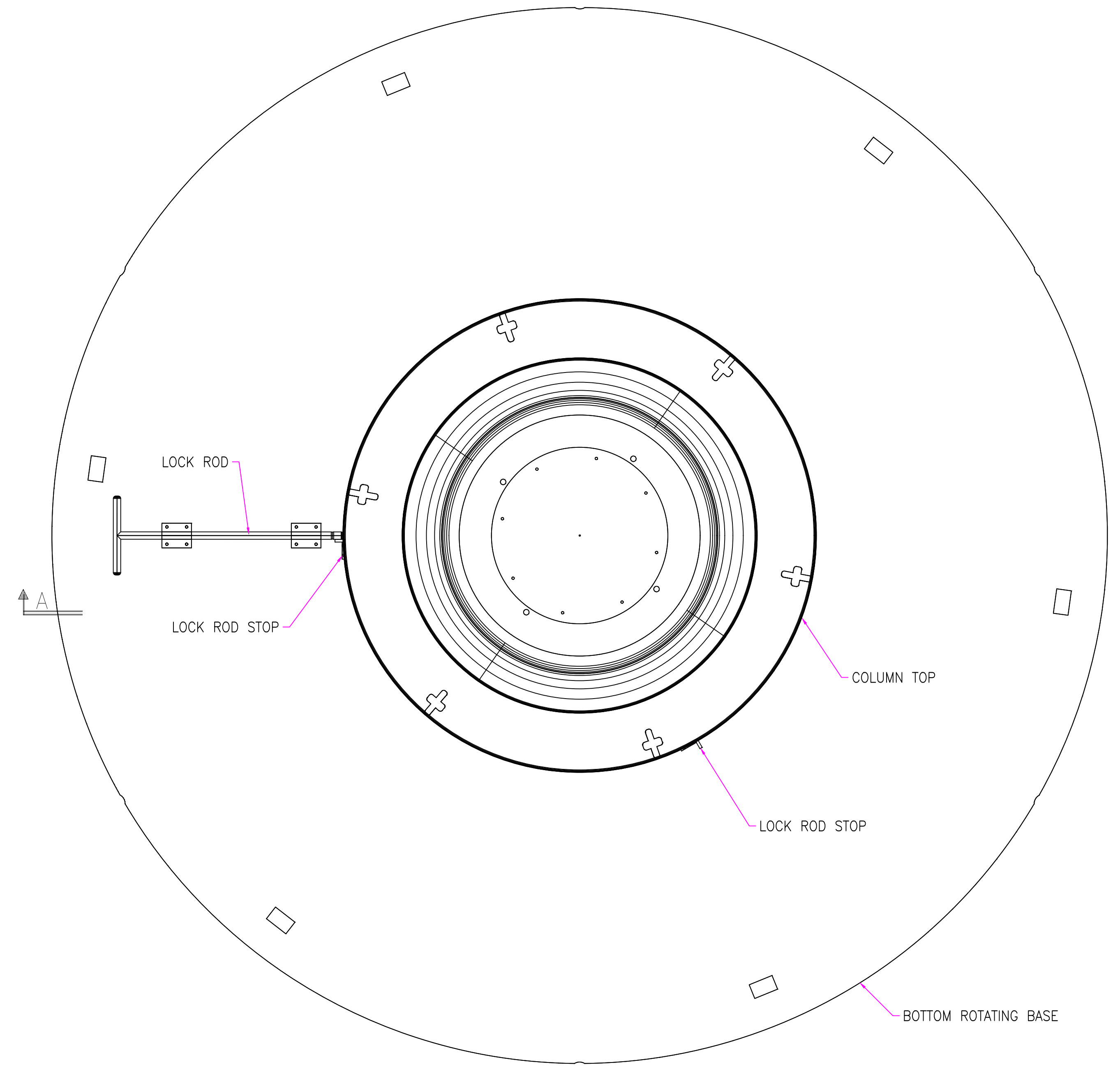
OUTER RING ROD GUIDE
6 REQ'D
SCALE: FULL
1/2 HARDWOOD PLYWOOD

OUTER RING SPLICE
6 REQ'D
SCALE: FULL
5/8 HARDWOOD

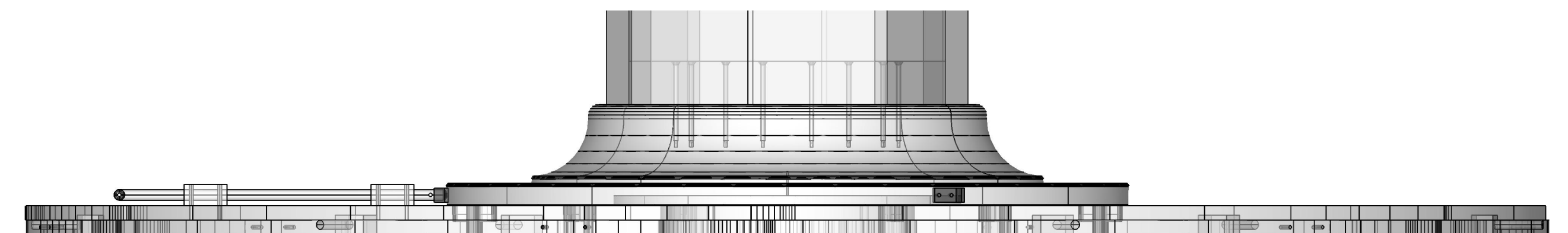




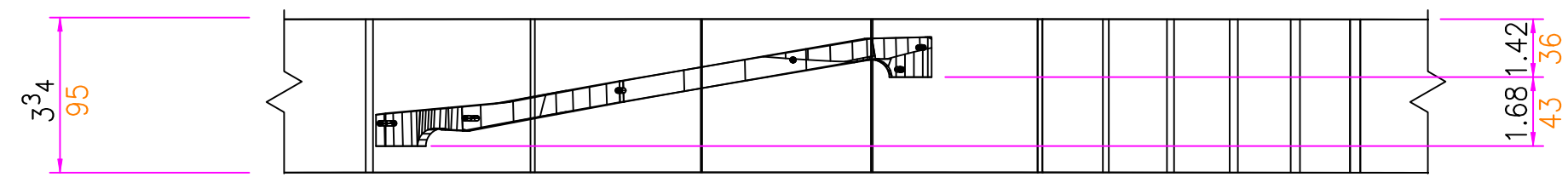
TOP WOOD OUTER RING
SCALE: 3" = 1'-0



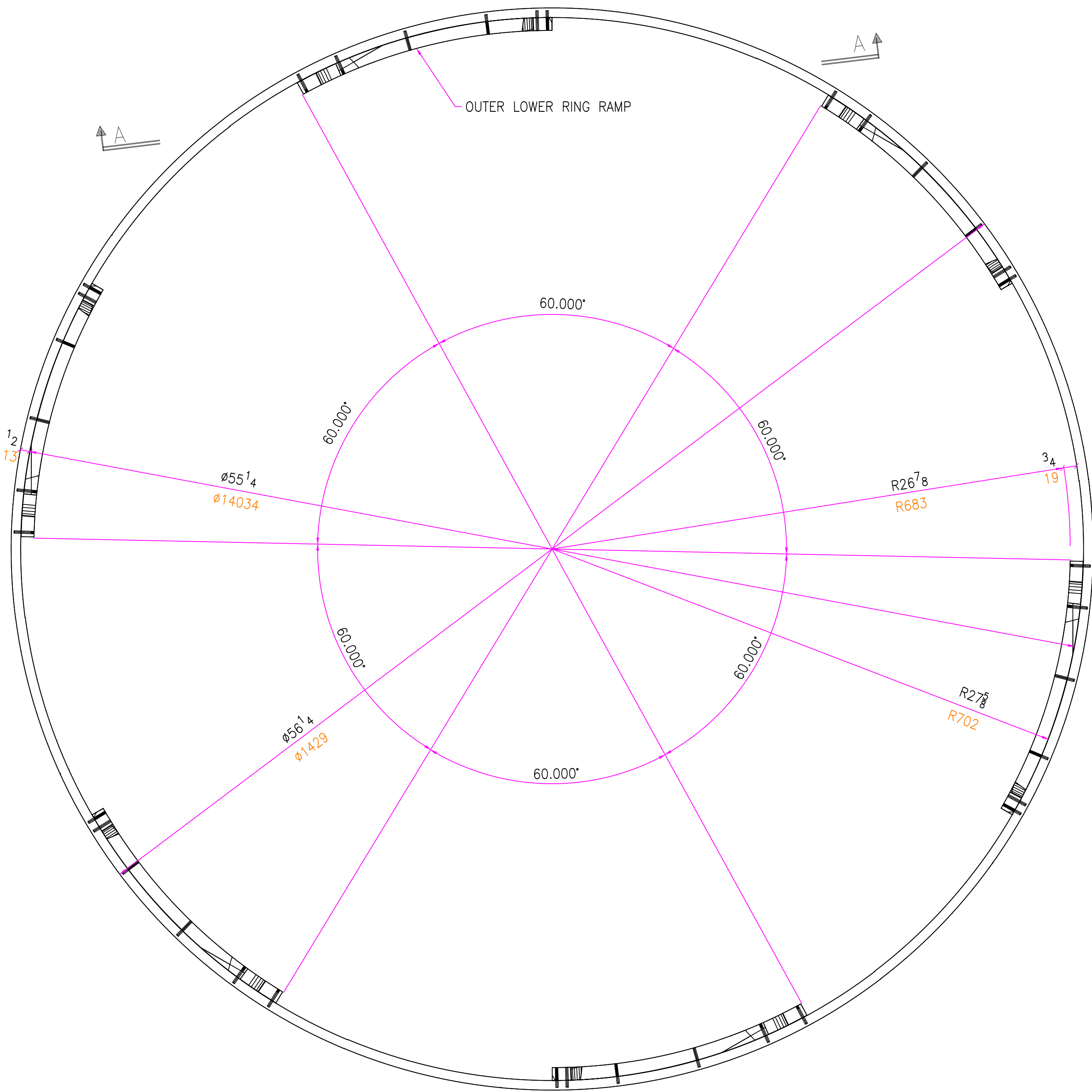
ROTATION LOCK VIEWED FROM UNDERSIDE
SCALE: 3" = 1'-0



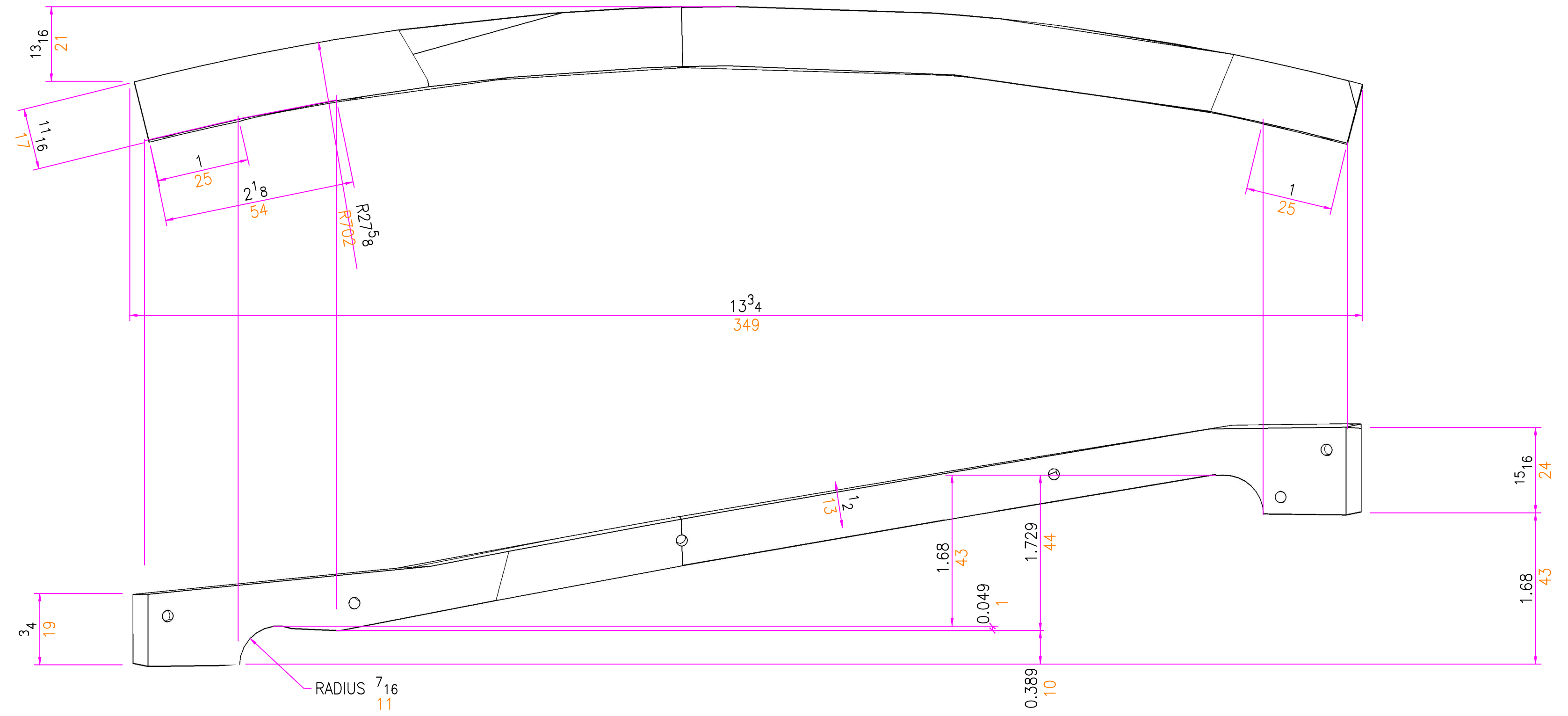
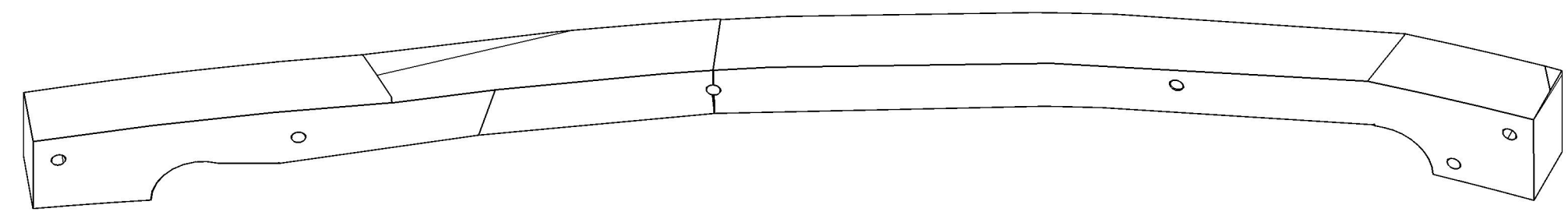
SECT. A



SECT. A-A

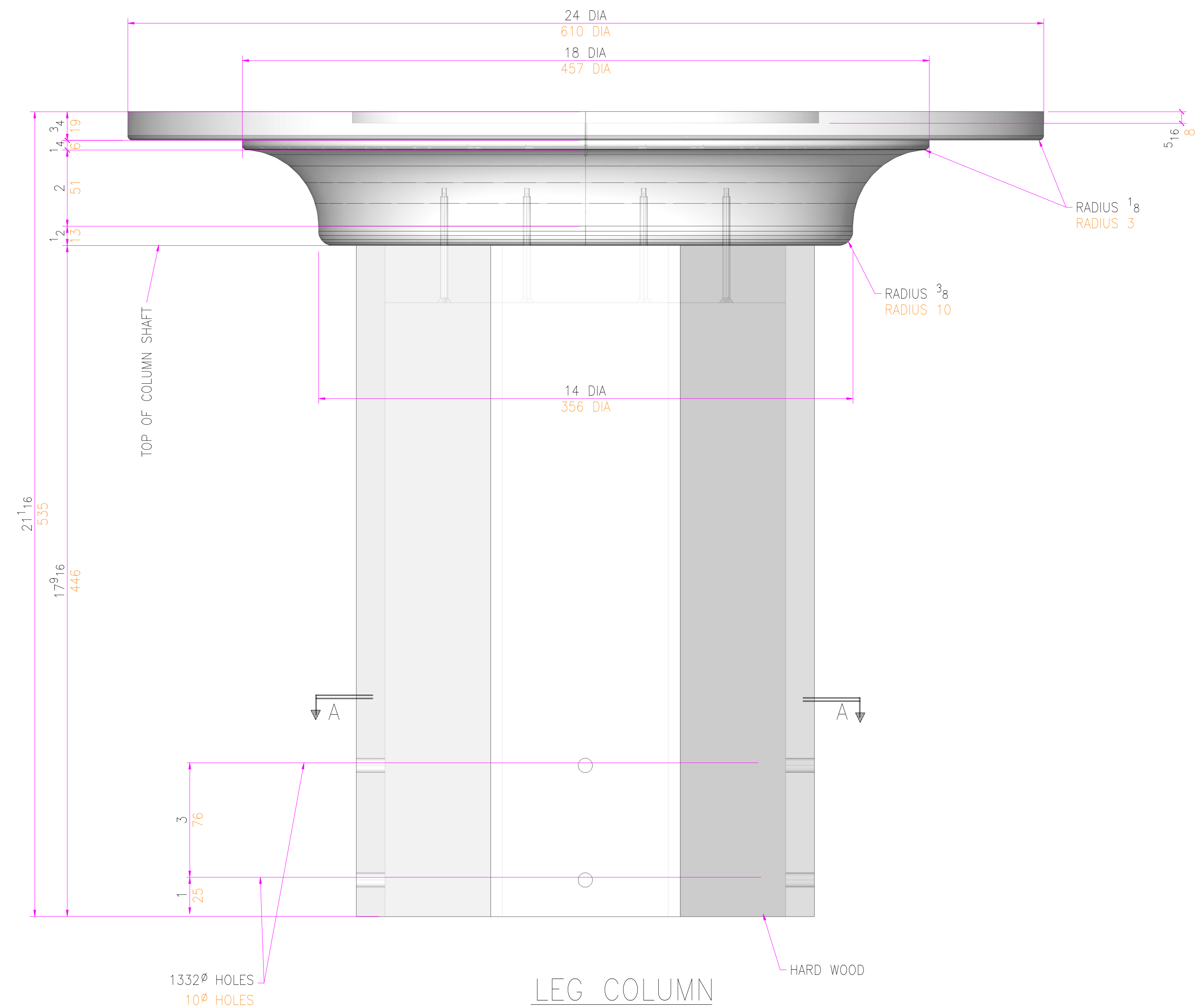
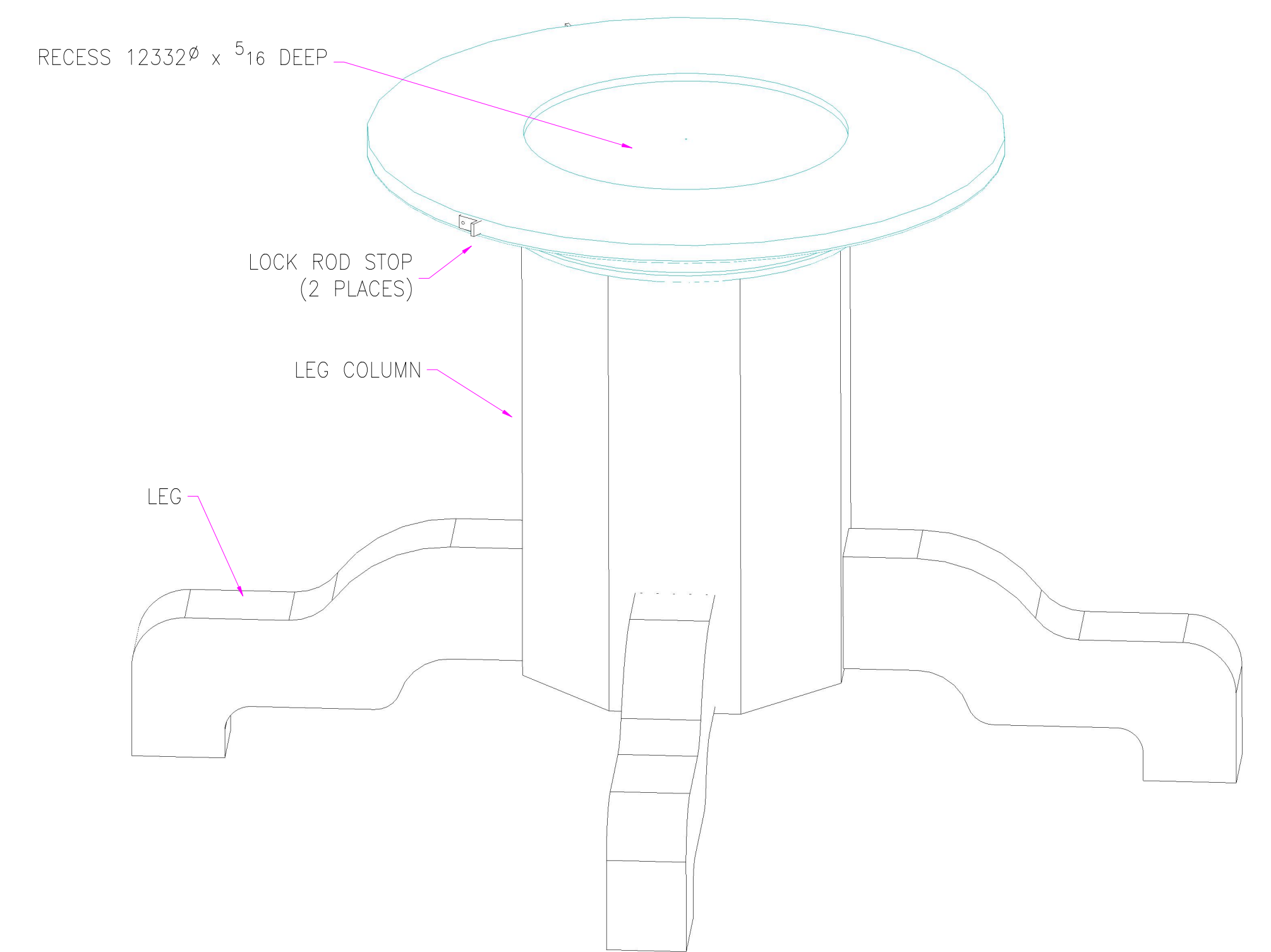
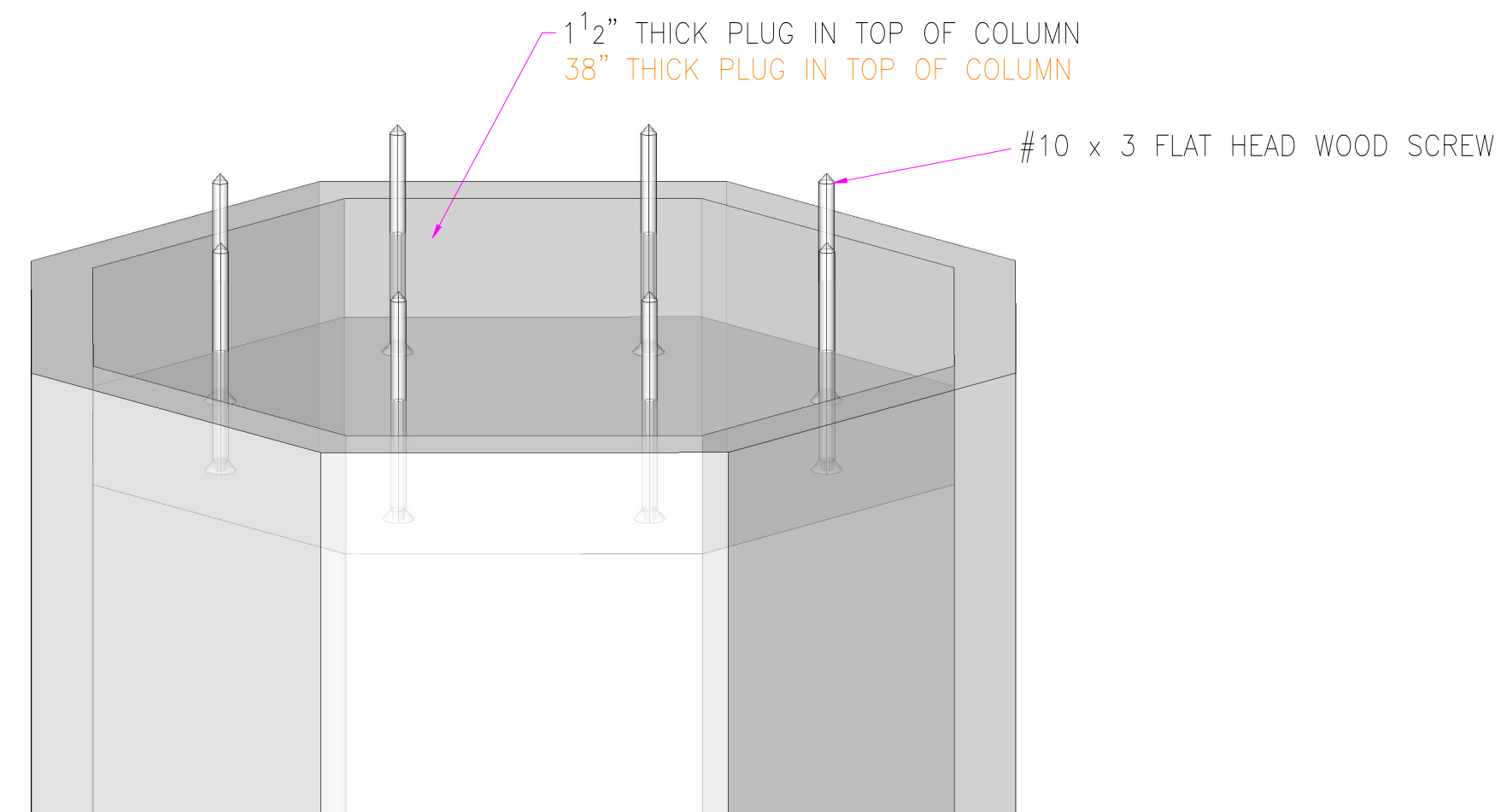
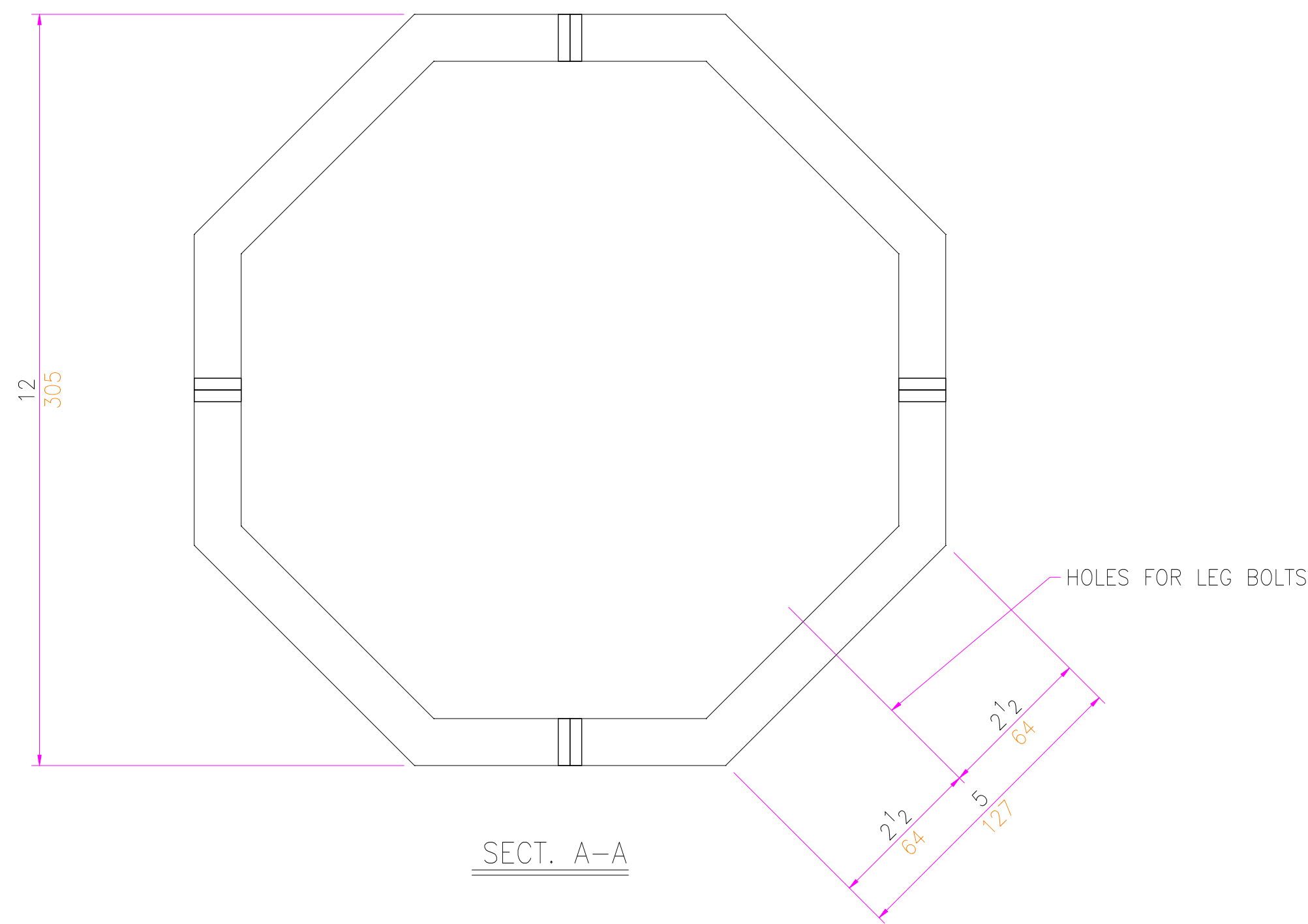


OUTER LOWER RING
1 REQ'D
SCALE: 3"=1'-0"
1/2 HARDWOOD



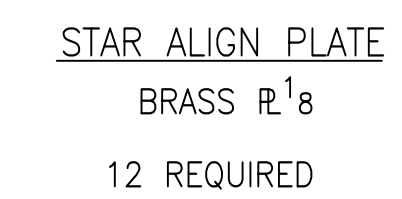
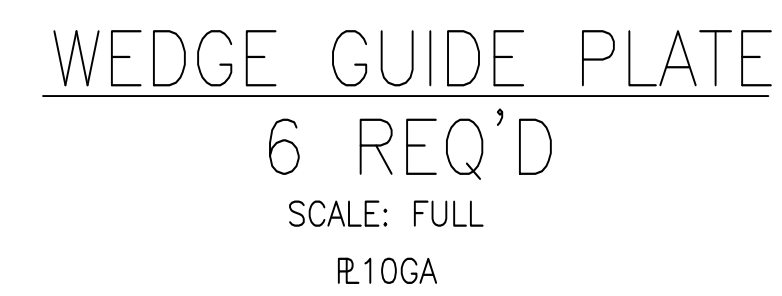
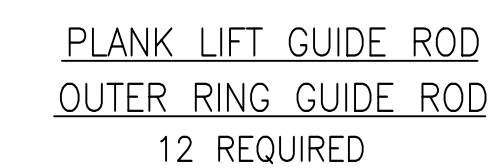
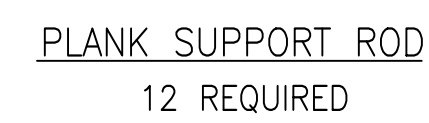
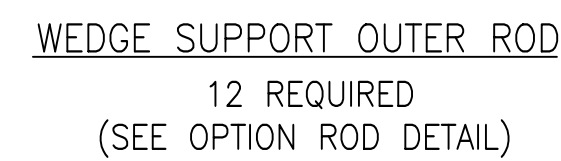
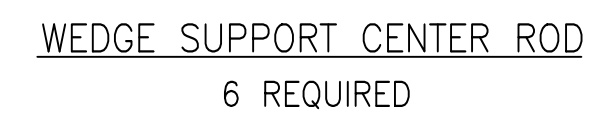
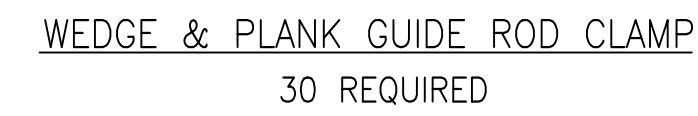
OUTER LOWER RING RAMP
6 REQ'D
SCALE: FULL
11/16 HARDWOOD

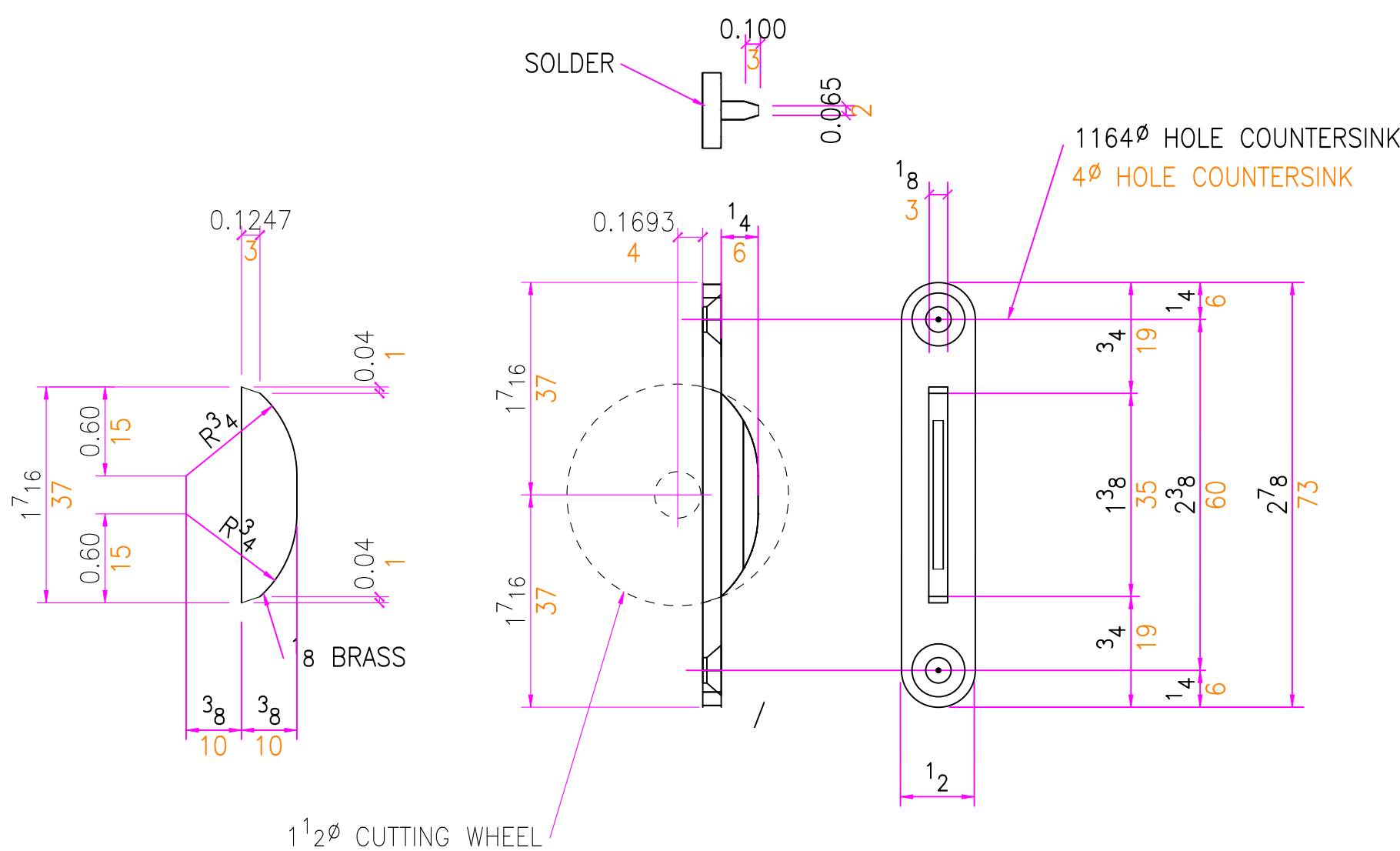




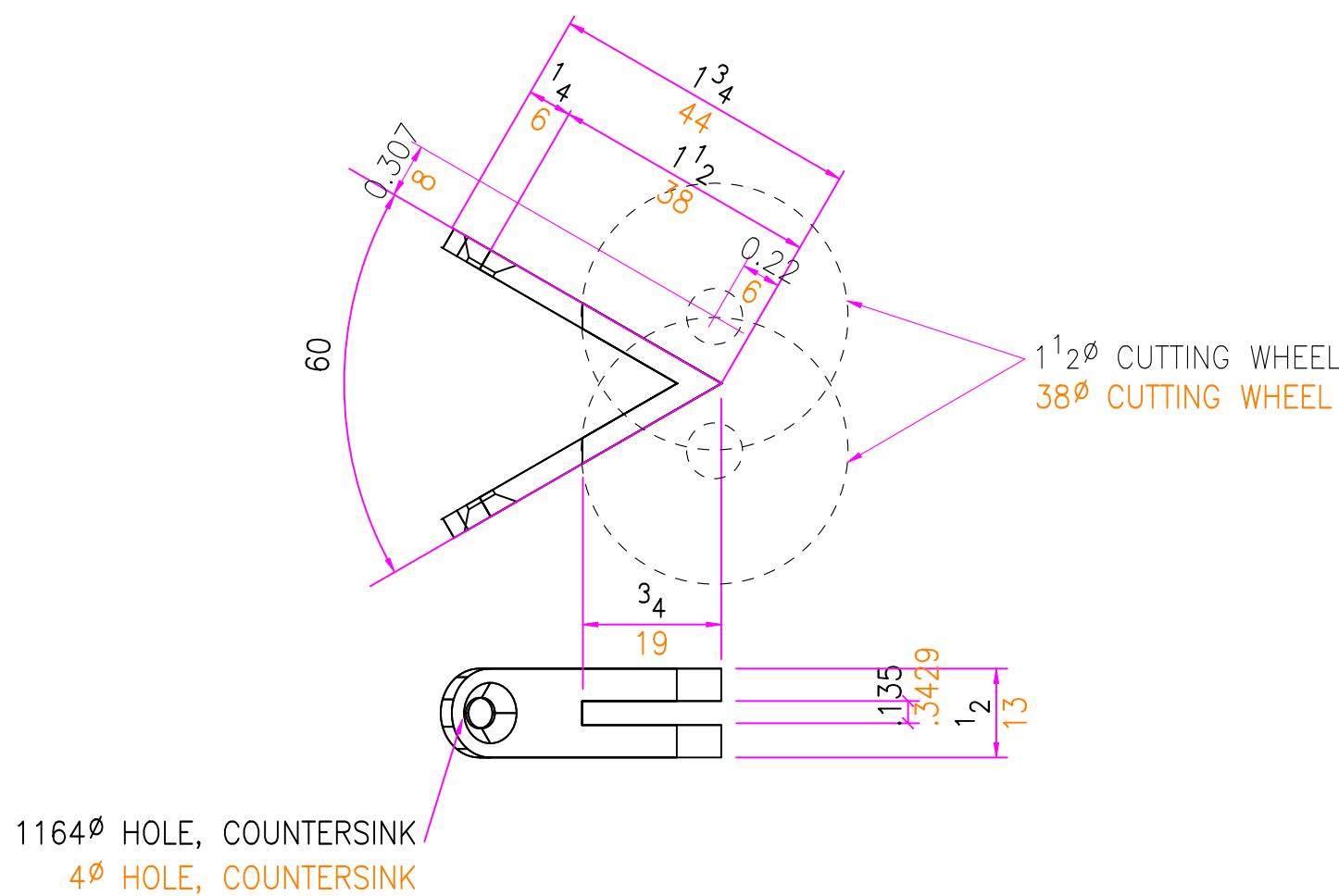
LEG COLUMN
ONE REQ'D
SCALE: 6"=1'-0
3/4 HARDWOOD PLYWOOD



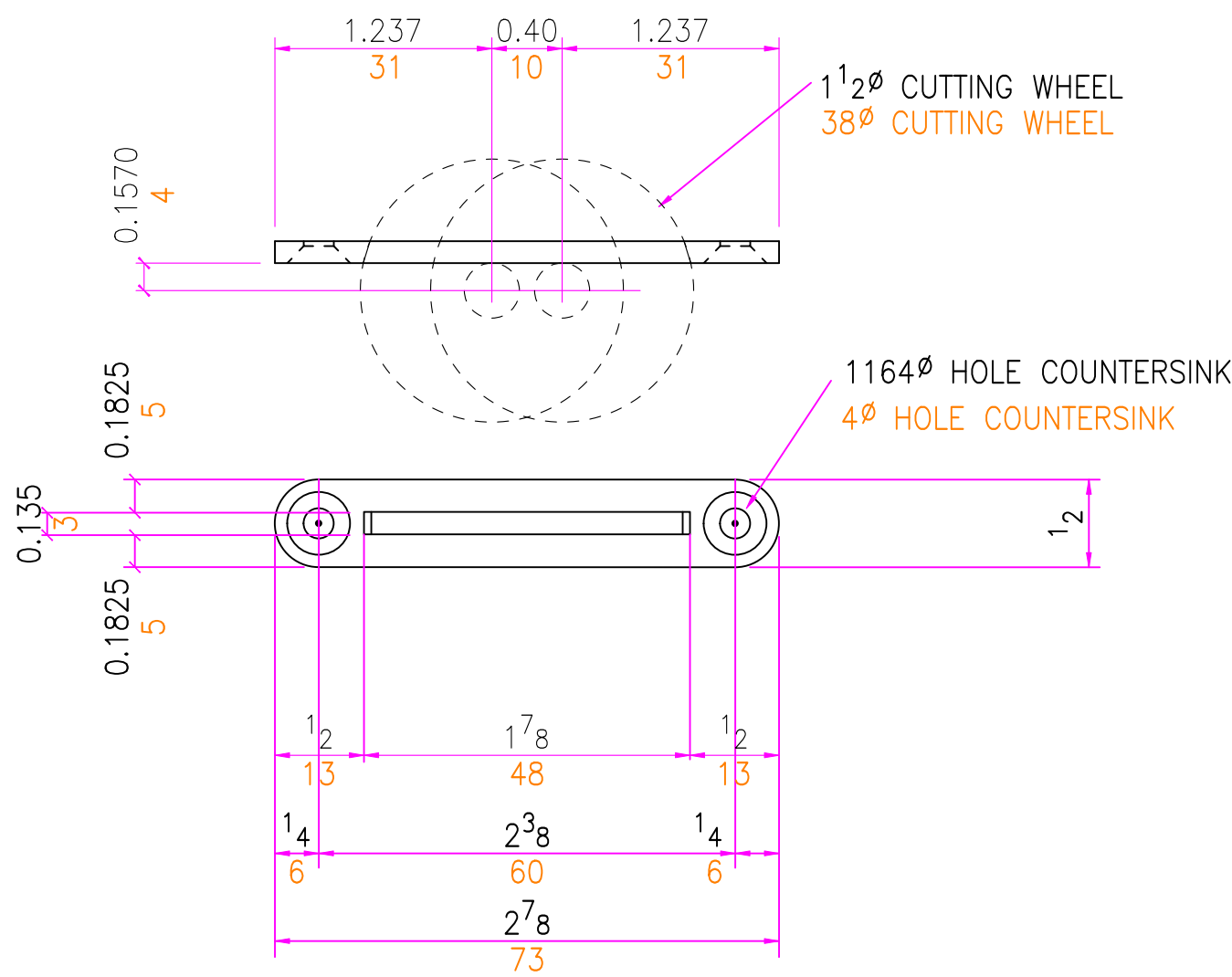




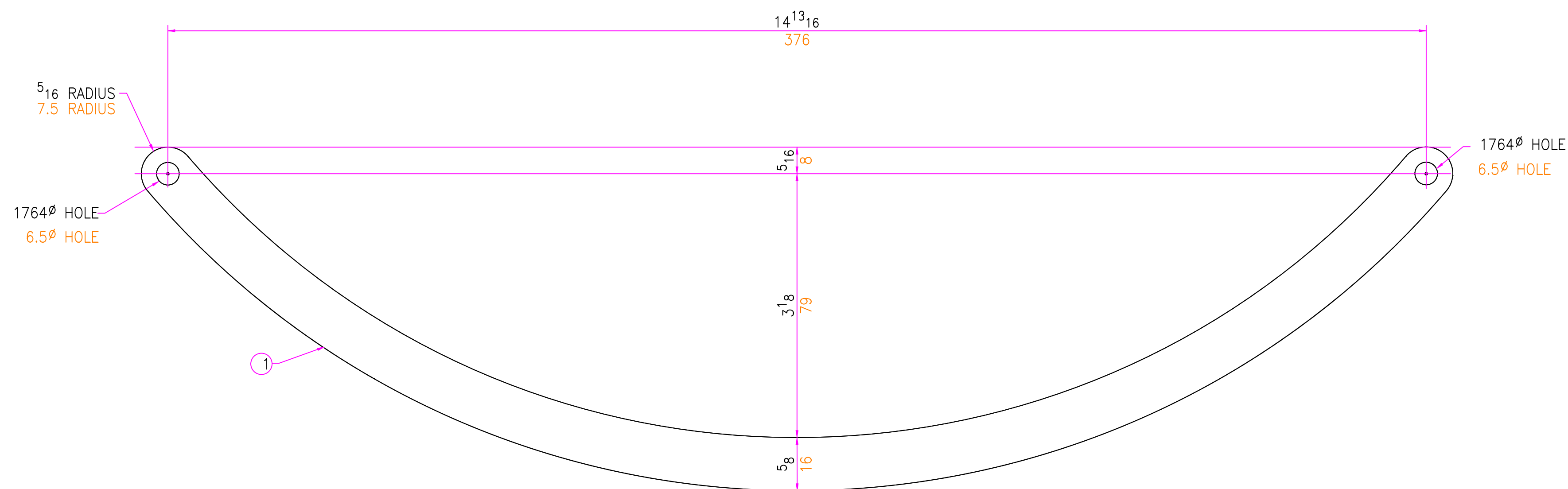
SIDE ALIGN TAB
42 REQ'D
SCALE: FULL
1/8 BRASS



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



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

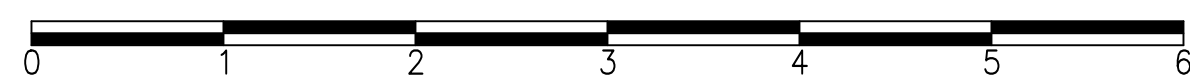
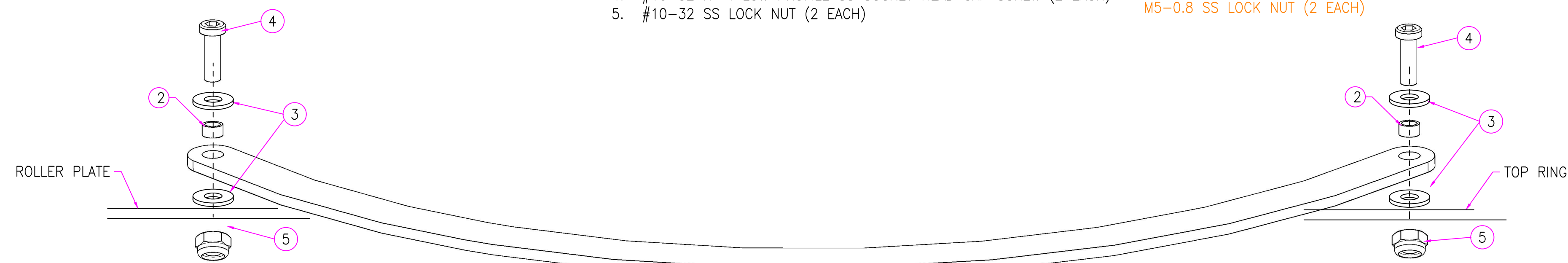


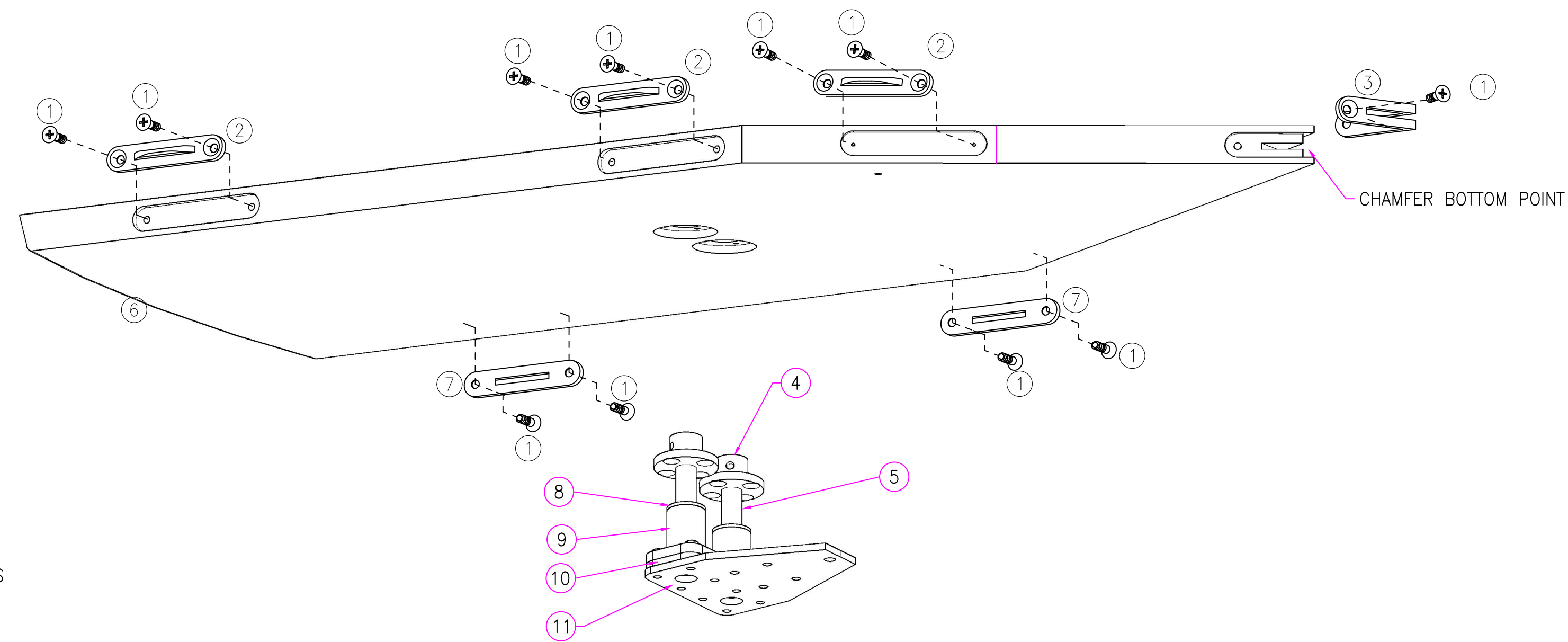
RADIAL ARM TEMPLATE 12 REQ'D

SCALE: FULL
R18

1. BAR 10GA x $\frac{5}{8}$ (1 EACH)
2. SS TUBE $\frac{1}{4}$ $\varnothing$ OD x .194 ID x .155 LONG (2 EACH)
3. #10 SS WASHER (4 EACH)
4. #10-32 X $\frac{3}{4}$ LOW PROFILE SS SOCKET HEAD CAP SCREW (2 EACH)
5. #10-32 SS LOCK NUT (2 EACH)

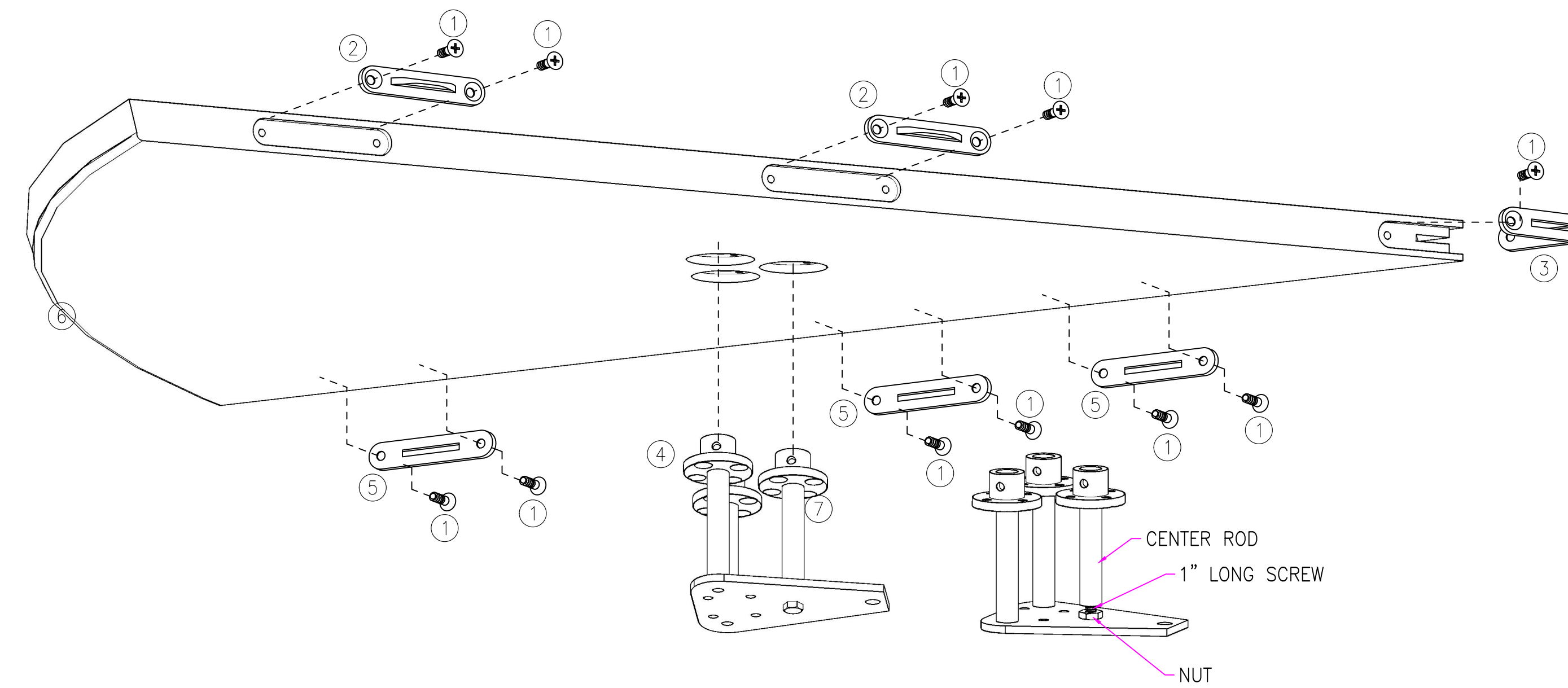
- BAR 10GA x 16mm (1 EACH)
SS TUBE $\frac{1}{4}$ $\varnothing$ OD x .194 ID x .155" LONG (2 EACH)
M5 SS WASHER (4 EACH)
M5-0.8 X 20 LOW PROFILE SS SOCKET HEAD CAP SCREW (2 EACH)
M5-0.8 SS LOCK NUT (2 EACH)





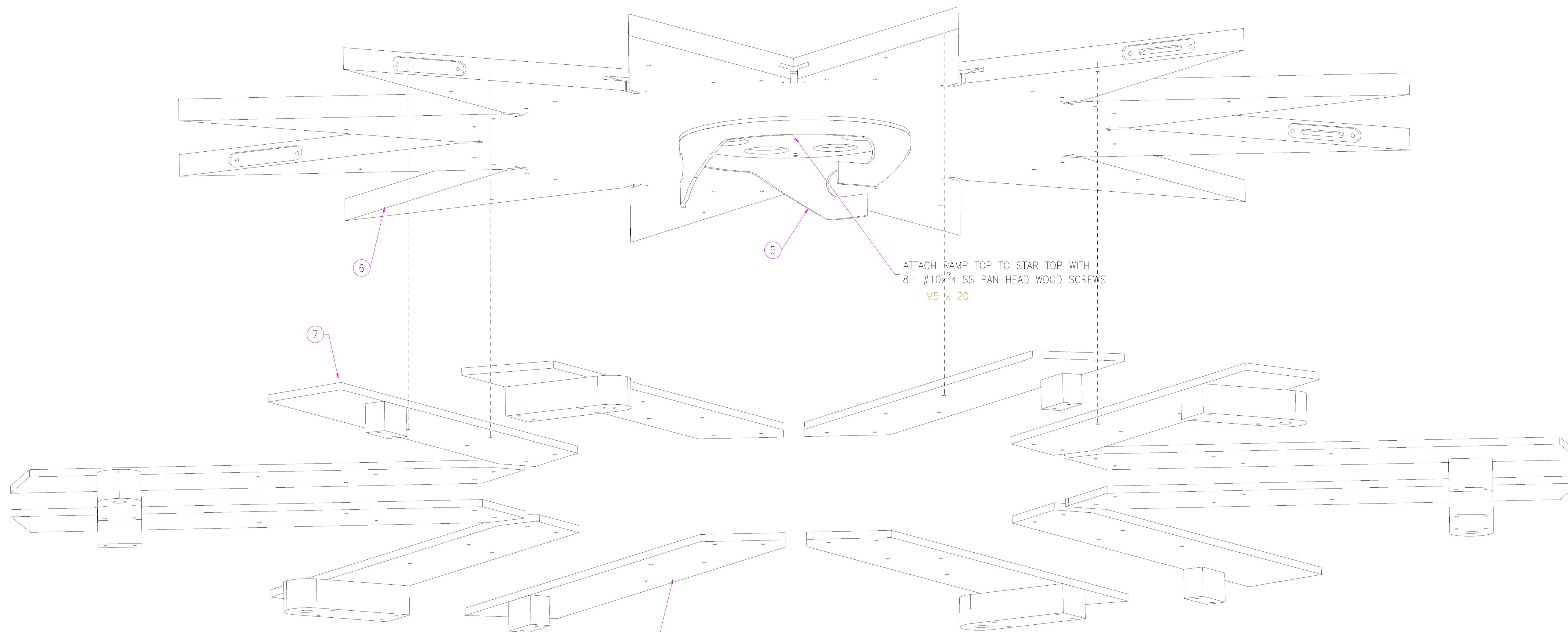
1. #8x³/₄ BRASS FLAT HEAD WOOD SCREW (12 PLACES)
2. ALIGN TAB (3 PLACES)
3. POINT SLOT PLATE (1 PLACE)
4. FLANGED TOP PLATE. ATTACH TO TOP WITH #10x⁵/₈ SS FLAT HEAD WOOD SCREW (4 PLACES)
5. PLANK GUIDE ROD (2 PLACES)
6. PLANK TOP (1 PLACE)
7. SLOT PLATE (2 PLACES)
8. ¹/₁₆ THICK SPACER
9. 10mm FLANGE LINEAR BEARING
10. ¹/₈ THICK SPACER
11. PLANK GUIDE PLATE

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



1. #8x³/₄ BRASS FLAT HEAD WOOD SCREW (12 PLACES)
2. ALIGN TAB (2 PLACES)
3. POINT SLOT PLATE
4. FLANGE ROD MOUNT. ATTACH TO TOP WITH #10x⁵/₈ SS PAN HEAD WOOD SCREW (4 PLACES)
5. SLOT PLATE (3 PLACES)
6. WEDGE TOP
7. FLANGED TOP PLATE. ATTACH TO TOP WITH #10x⁵/₈ SS FLAT HEAD WOOD SCREW (12 PLACES)

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



STAR TOP ONE REQ'D

SCALE: 6" = 1'-0

1. #4x8 SS FLAT HEAD WOOD SCREW (24 PLACES) M3 x 16
2. ALIGN PLATE (12 PLACES)
3. ALIGN TAB (6 PLACES)
4. SLOT PLATE (6 PLACES)
5. STAR RAMP
6. STAR TOP
7. PLANK LIFT

