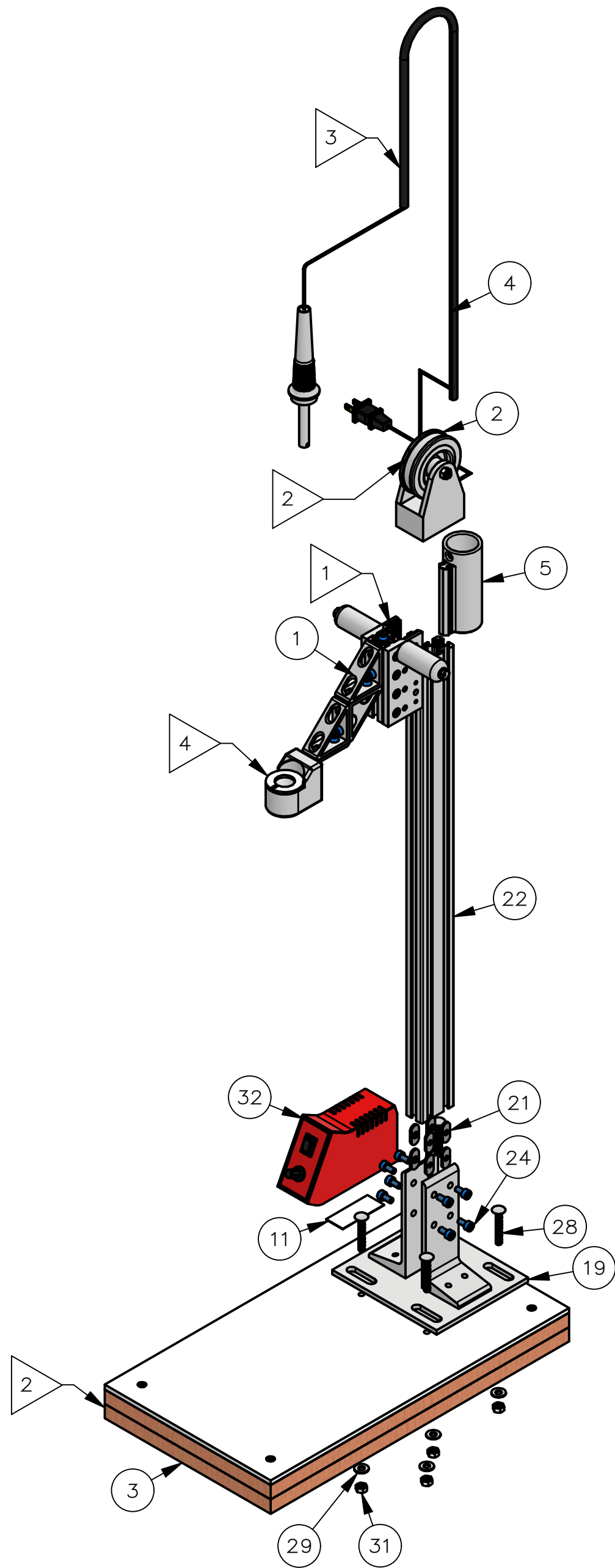
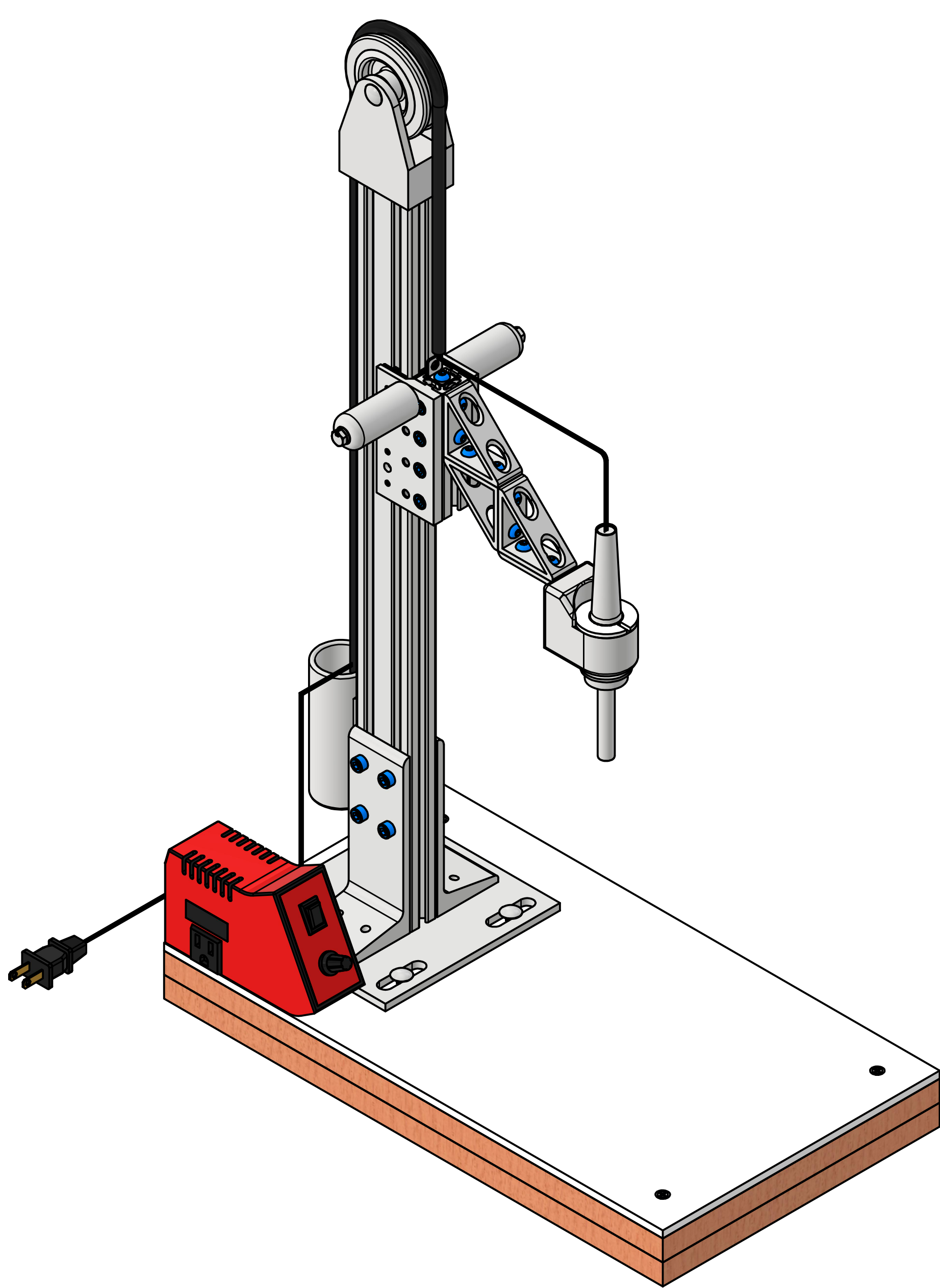


D
C
B
A



4 MAY BE ALTERED
DEPENDING ON SOLDERING
IRON

3 COVER USED FOR SPECIFIC
SETUP, ALTERNATIVES MAY BE
USED FOR DIFFERENT SETUPS

2 ALTERNATIVE MATERIALS DEEMED
APPROPRIATE MAY BE USED

1 SHIM AS NEEDED

3. CLEAN TO LEVEL GC PER NASA / JSC PRC-5001.

2. FABRICATION TOLERANCES AND PRACTICES PER NASA / JSC SKZ36103755

1. INTERPRET DRAWING PER NASA / JSC JPR 7120.10. CLASS 1-E PROCEDURAL REQUIREMENTS

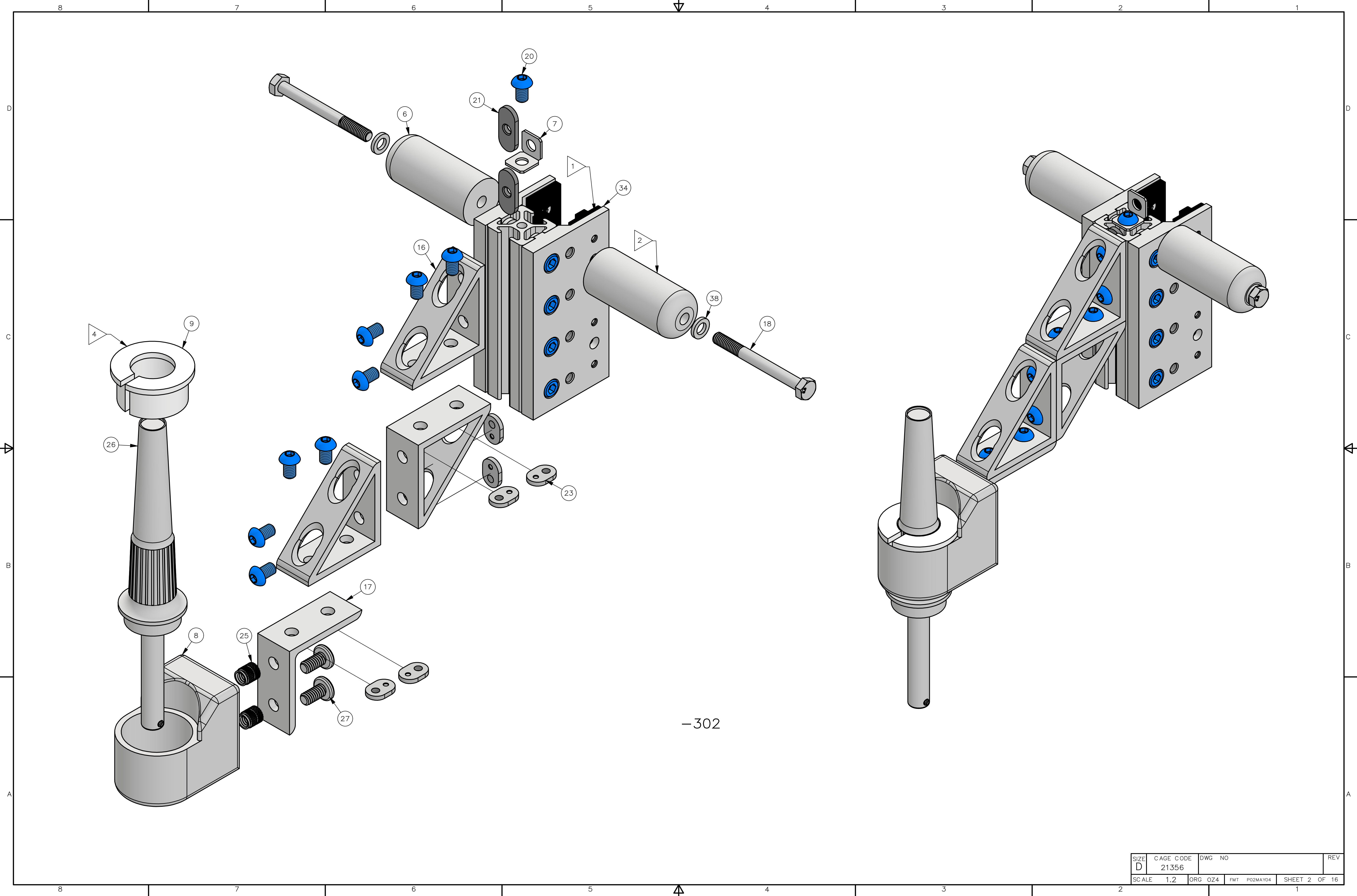
NOTES: UNLESS OTHERWISE SPECIFIED:

FLAG NOTES:

REV		ZONE	DESCRIPTION OF CHANGE	

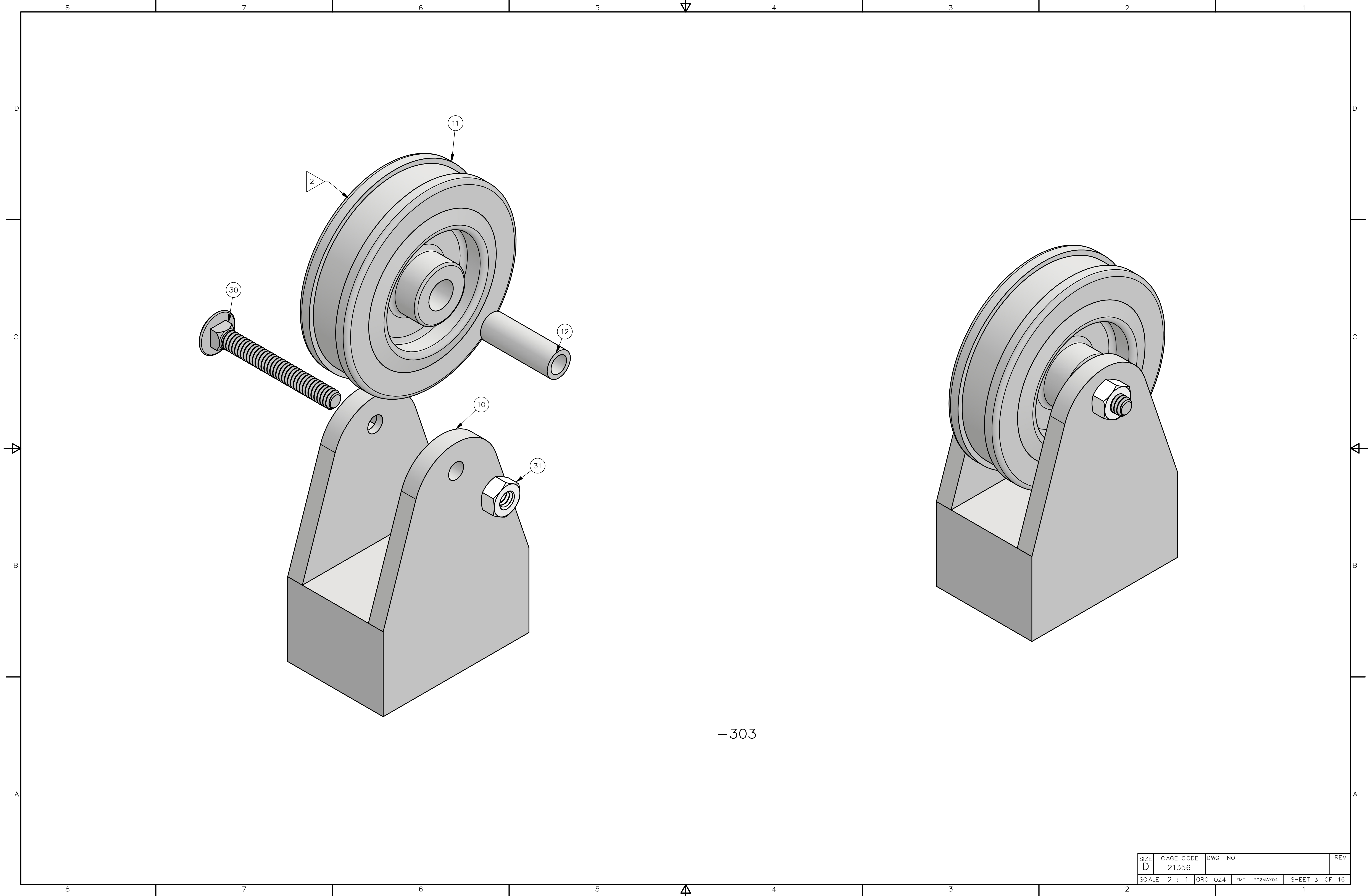
1	5SCK8	1450	PARA CORD	NYLON		N			40	
1	D1396	SPG40	POWER CORD			N			39	
1	39428	98689A115	M6 WASHER	STAINLESS STEEL		N			38	
1	39428	8541757872	1/4 IN CORD PROTECTOR	POLYESTER		N			37	3
4	39428	90065A082	1/2" WOOD SCREW	STAINLESS STEEL		N			36	
4	39428	3597N13	1" WOOD SCREW	ZINC PLATED STAINLESS STEEL		N			35	
1	ORVK9	25-6732	UNIBEARINGS BEARING ASSEMBLY	ALUMINUM 6061		N			34	1
1	ORVK9	25-6780	SHIMS	MYLAR		N			33	
1	D1396	WLC100	SOLDERING STATION			N			32	
5	39428	95462A029	MEDIUM STRENGTH HEX NUT	ZINC PLATED STEEL		N			31	
1	39428	92356A550	1/4-20 2.00IN CARRIAGE BOLT	STAINLESS STEEL		N			30	
4	39428	92141A029	WASHER FOR 1/4-20 BOLT	STAINLESS STEEL		N			29	
4	39428	92356A548	1/4-20 1.75IN CARRIAGE BOLT	STAINLESS STEEL		N			28	
2	39428	91772A537	1/4-20 0.5IN PAN HEAD PHILLIPS SCREW	STAINLESS STEEL		N			27	
1	D1396	SPG40	SOLDERING IRON			N			26	
2	39428	94459A380	1/4-20 HEAT SET INSERTS	BRASS		N			25	
8	ORVK9	13-6512	M6 SOCKET HEAD CAP SCREWS-BLUE COATED	STAINLESS STEEL		N			24	
6	ORVK9	25-1951	SLIDE-IN ECONOMY T-NUTS OFF SET THREAD	STAINLESS STEEL		N			23	
1	ORVK9	25-2550-609_CL	T-SLOTTED PROFILE-25 SERIES	ALUMINUM 6105-T5		N			22	
10	ORVK9	3859	SLIDE-IN ECONOMY T-NUTS	STAINLESS STEEL		N			21	
9	ORVK9	13-6310	BUTTON HEAD SOCKET CAP SCREWS	STAINLESS STEEL		N			20	
1	ORVK9	25-2385	FLOOR MOUNT BASE PLATE	ALUMINUM 6105-T5		N			19	
2	39428	91280A350	M6 X 1 MM 60MM HEX HEAD SCREW	ZINC PLATED STEEL		N			18	
1	ORVK9	25-4115	4 HOLE INSIDE CORNER BRACKET	ALUMINUM 6061		N			17	
3	ORVK9	25-4136	4 HOLE INSIDE GUSSET CORNER BRACKET	ALUMINUM 6061		N			16	
1	21356	-011	PLATFORM BASE 3	OAK WOOD		N			15	2
1	21356	-010	PLATFORM BASE 2	OAK WOOD		N			14	2
1	21356	-009	PLATFORM BASE 1	HIGH DENSITY POLYETHYLENE		N			13	
1	21356	-008	WASHER	STAINLESS STEEL		N			12	
1	21356	-007	75MM LARGE FLYWHEEL	RUBBER		N			11	2
1	21356	-006	8020 CAP	ABS PLASTIC		N			10	
1	21356	-005	SLEEVE MOUNT	ABS PLASTIC		N			9	4
1	21356	-004	MOUNT 8020	ABS PLASTIC		N			8	
1	21356	-003	WIRE ANCHOR	ALUMINUM 6061		N			7	
1	21356	-002	HANDLE	PINE WOOD		N			6	2
1	21356	-001	25X25MM BRACKET REVERSE	ABS PLASTIC		N			5	
X	21356	-305	CABLE ASSEMBLY			N			4	
X	21356	-304	BASE ASSEMBLY			N			3	
X	21356	-303	PULLEY ASSEMBLY			N			2	
X	21356	-302	IRON ASSEMBLY			N			1	
X	21356	-301	HEAT STAKE ASSEMBLY			N				

QTY	CAGE CODE	PART NUMBER	DESCRIPTION	MATERIAL	SPECIFICATION	FRAC CRT	TRACE CODE	REF DES	ITEM	FLAG NOTES
			UNLESS NOTED OTHERWISE DIM ARE IN INCHES, TOL ARE: .0 ±.1 .000 ±.005 .00 ±.02 ANGULAR ±.05	SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION				
			SURFACE FINISH IN MICROINCHES RMS UNLESS NOTED OTHERWISE	DR A. EDWARDS	7/7/22	LYNDON B. JOHNSON SPACE CENTER HOUSTON, TEXAS				
			NEXT ASSY	ENG A. EDWARDS	7/7/22	HEAT STAKE INSERT PRESS FULL DRAWING				
			DWG FILENAME Assembly1.idw	CH		PROJECT HEAT STAKE INSET PRESS				
			DRAWING TYPE	APP		SIZE	CAGE CODE	DWG NO	REV	
				QE		D				
				MATL		SCALE	ORG 02	FM TAO2MAY04	SHEET 1 OF 16	
				STRESS						
				AUTH						



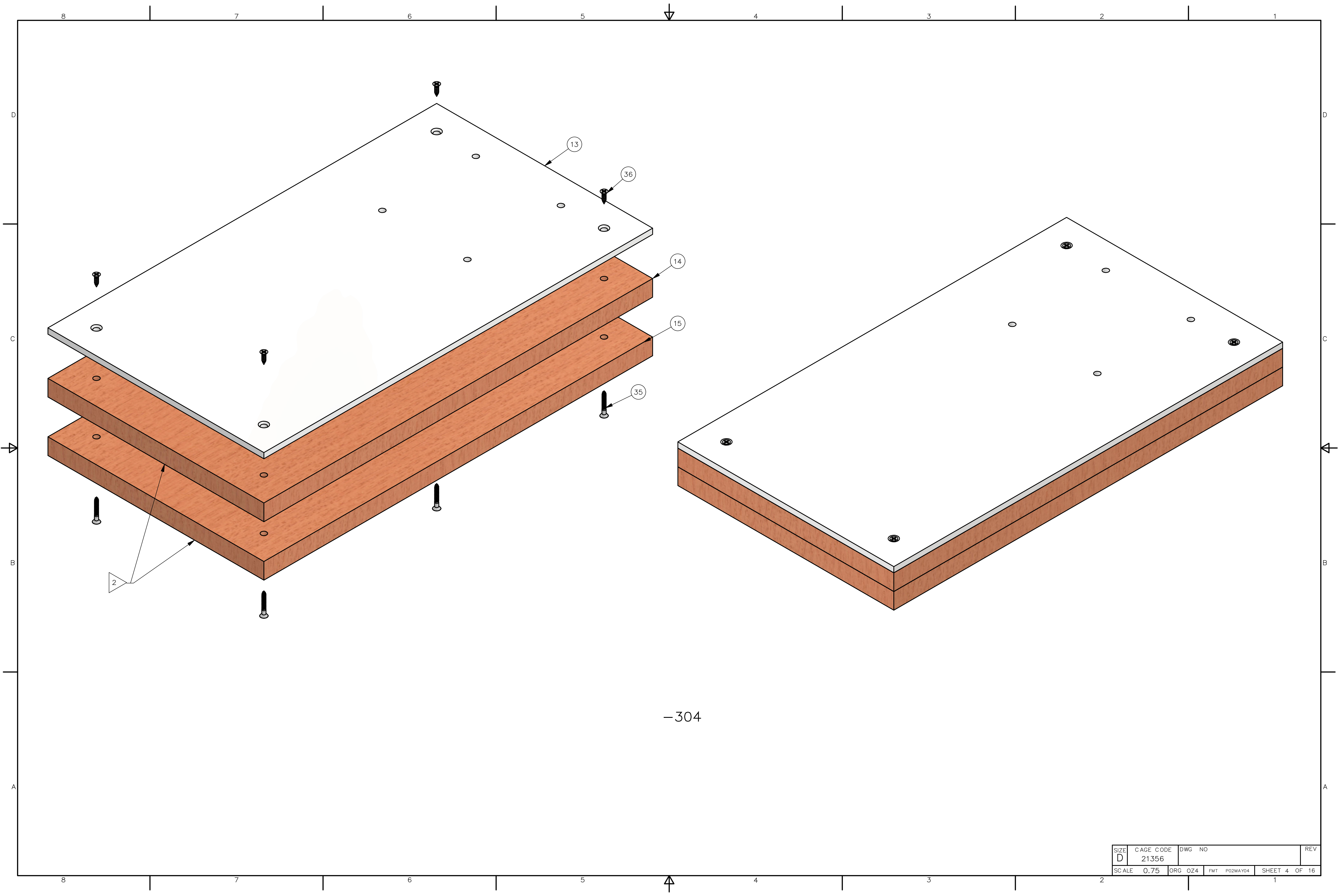
-302

SIZE	CAGE CODE	DWG NO	REV
D	21356		
SCALE	1.2	ORG OZ4	FMT P02MAY04
		SHEET 2	OF 16

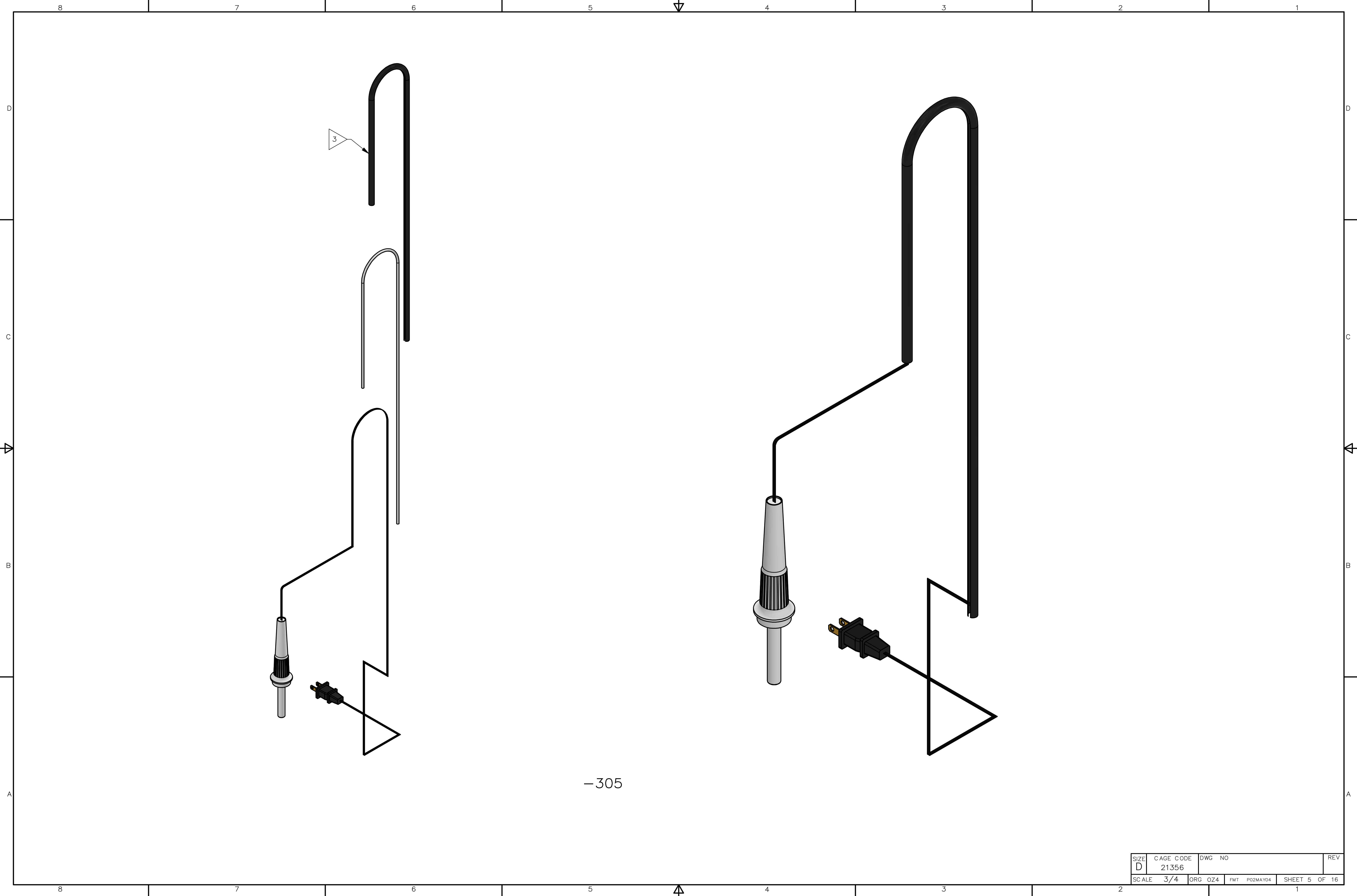


-303

SIZE D	CAGE CODE 21356	DWG NO	REV
SCALE 2 : 1	ORG OZ4	FMT P02MAY04	SHEET 3 OF 16

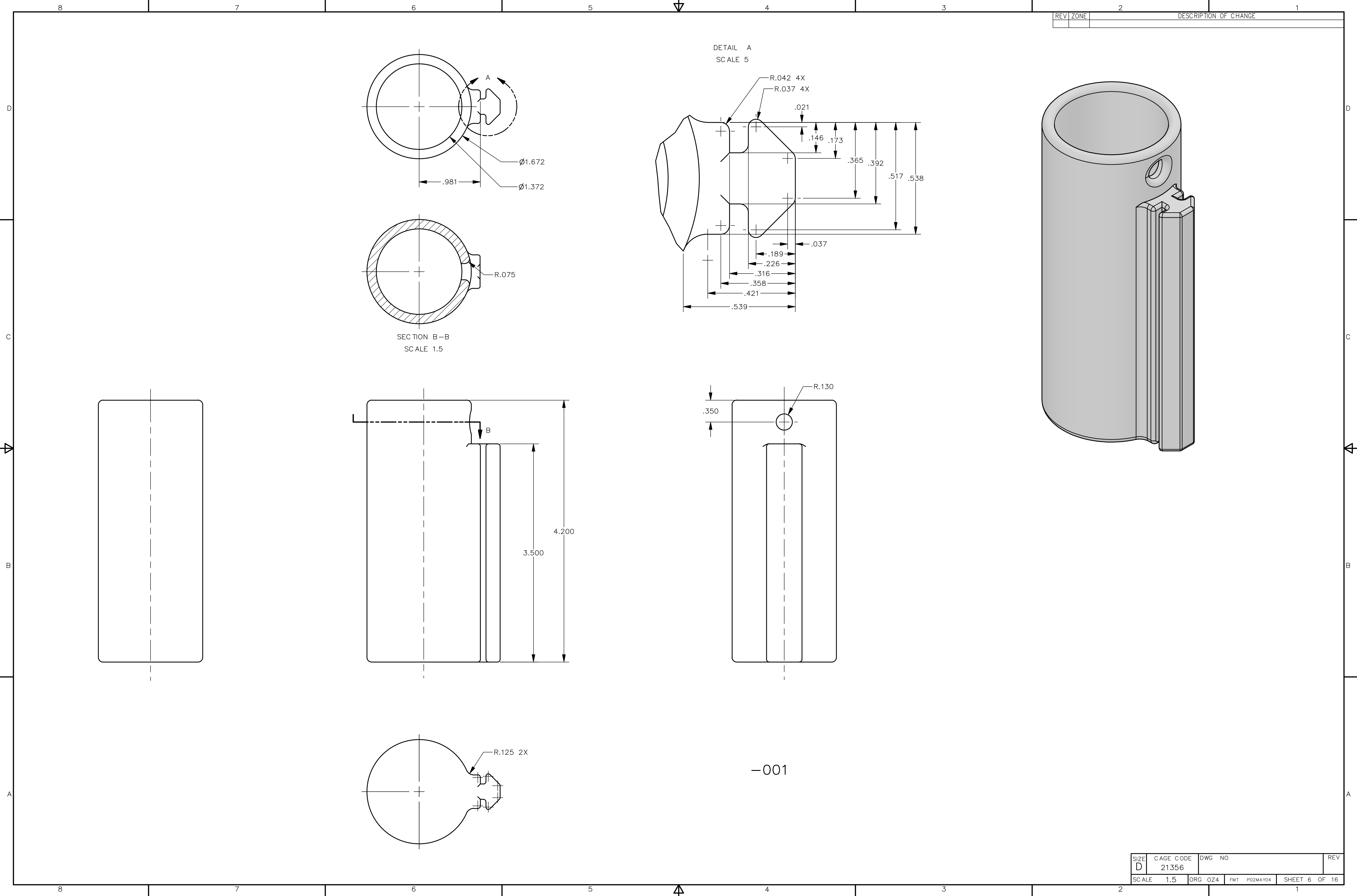


SIZE D	CAGE CODE 21356	DWG NO	REV
SCALE 0.75	ORG OZ4	FMT P02MAY04	SHEET 4 OF 16



-305

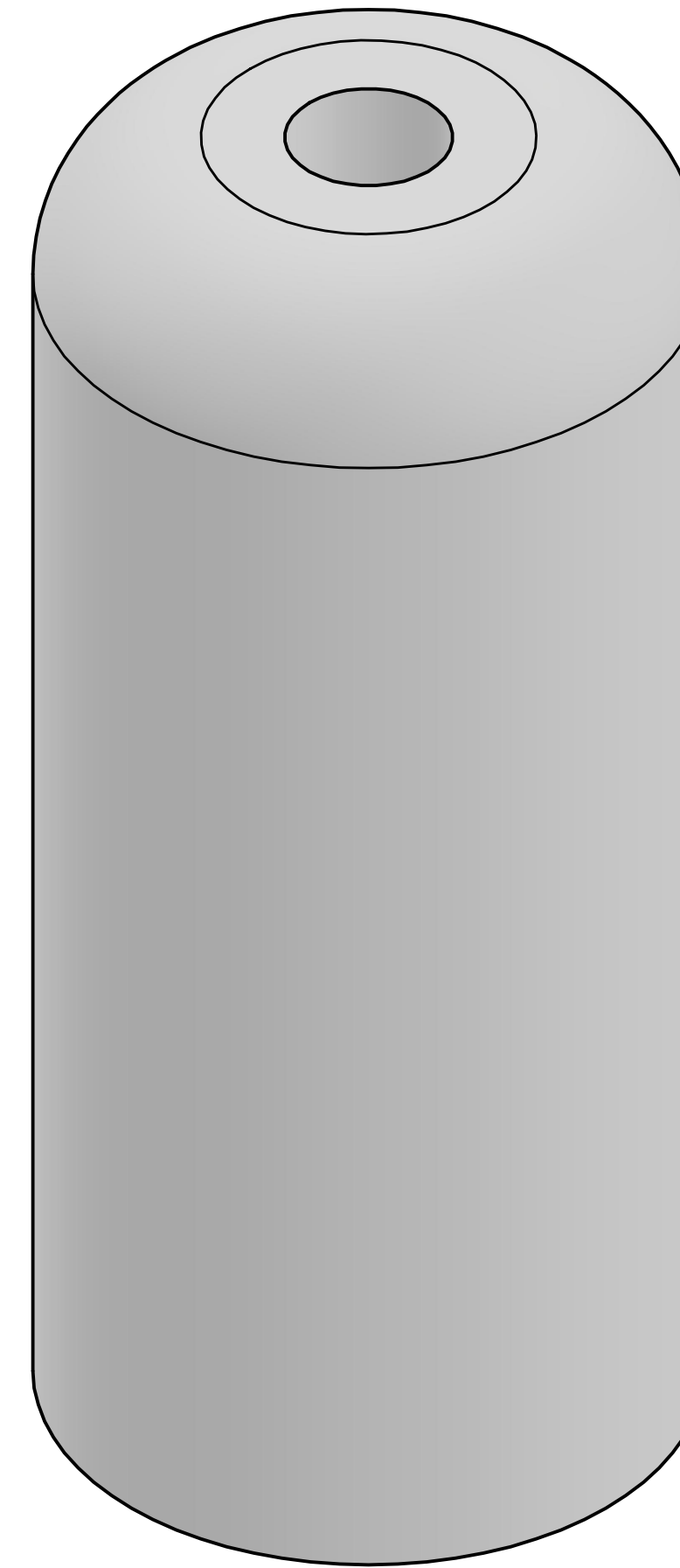
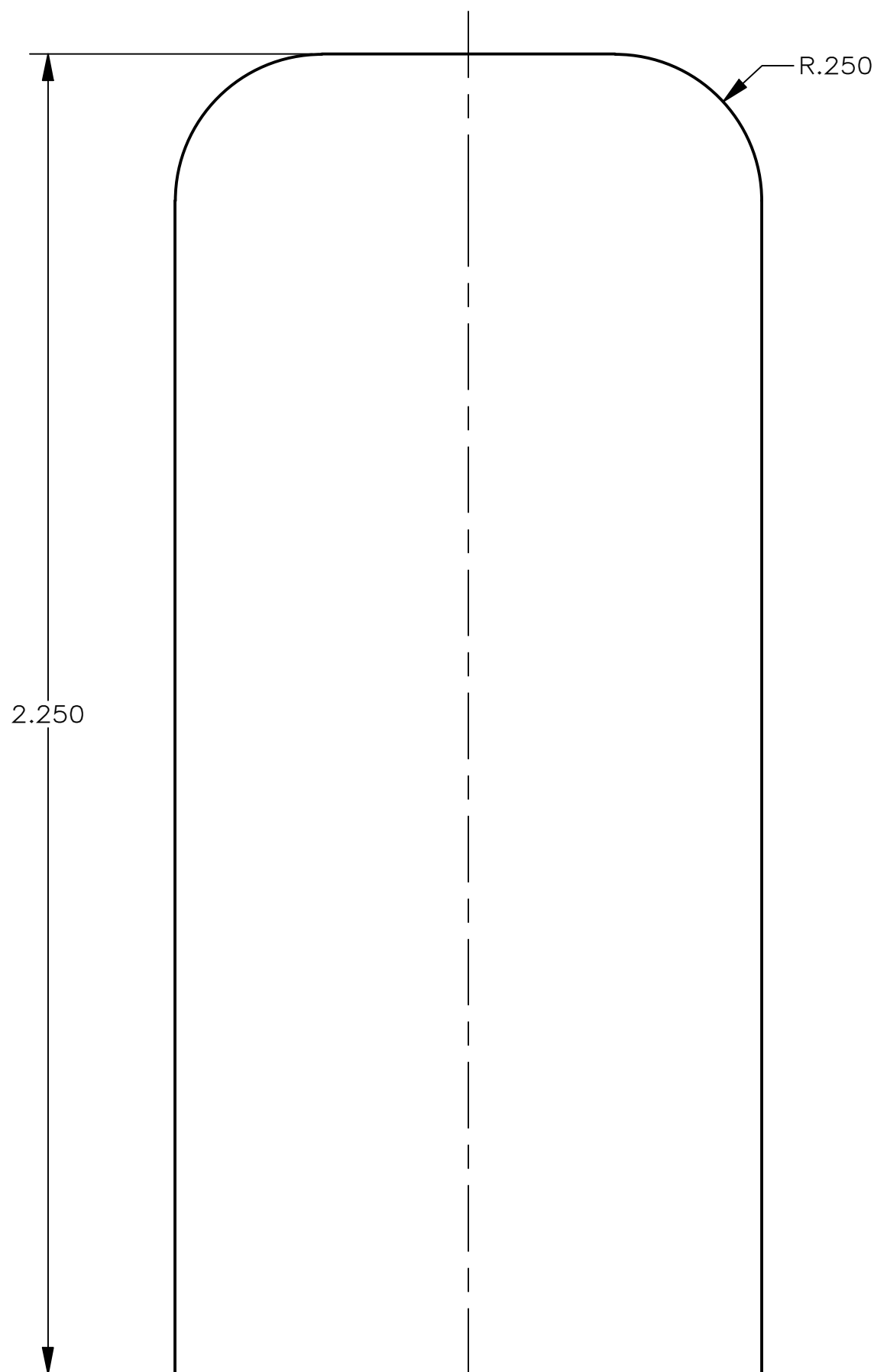
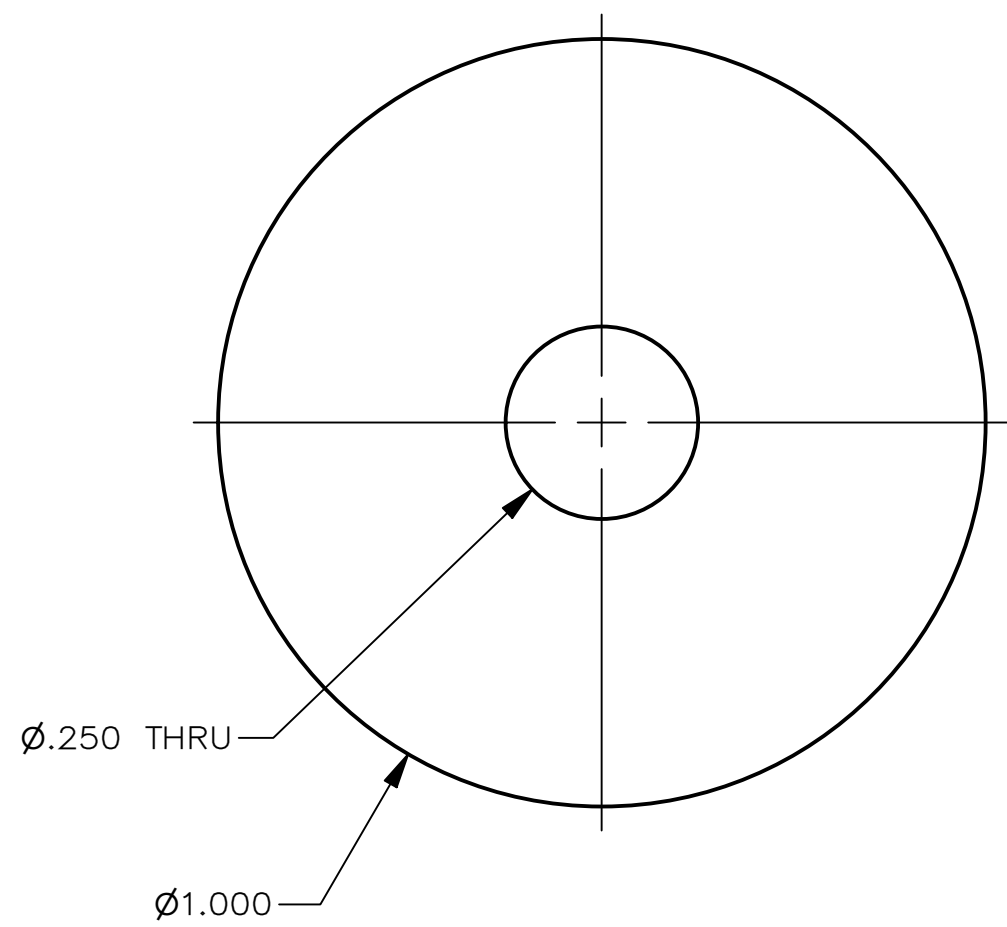
SIZE D	CAGE CODE 21356	DWG NO	REV
SCALE 3/4	ORG OZ4	FMT P02MAY04	SHEET 5 OF 16



REV	ZONE	DESCRIPTION OF CHANGE

SIZE D	CAGE CODE 21356	DWG NO	REV
SCALE 1.5	ORG OZ4	FMT P02MAY04	SHEET 6 OF 16

-001



-002

SIZE D	CAGE CODE 21356	DWG NO	REV
SCALE 4 : 1	ORG OZ4	FMT P02MAY04	SHEET 7 OF 16

D

C

B

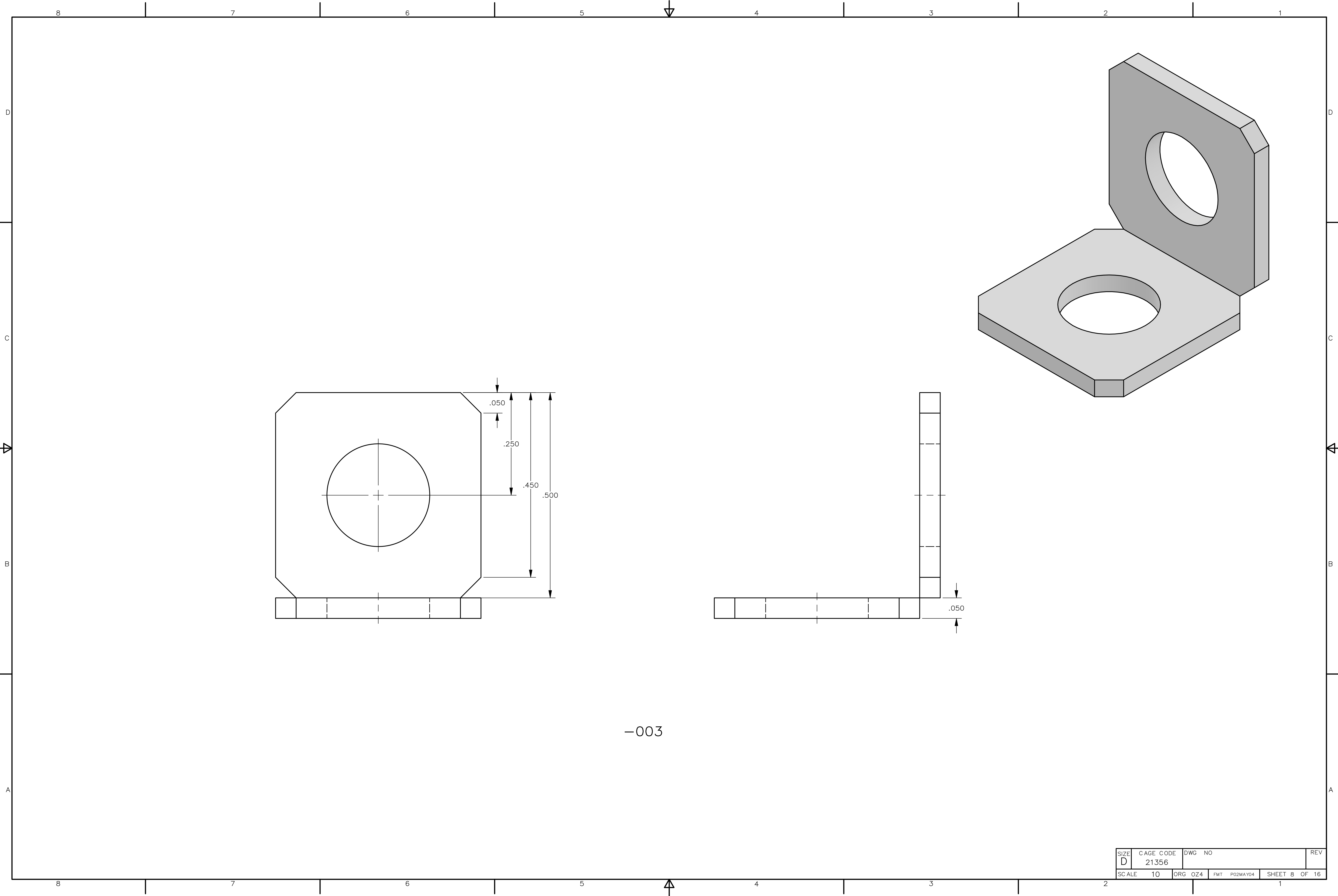
A

D

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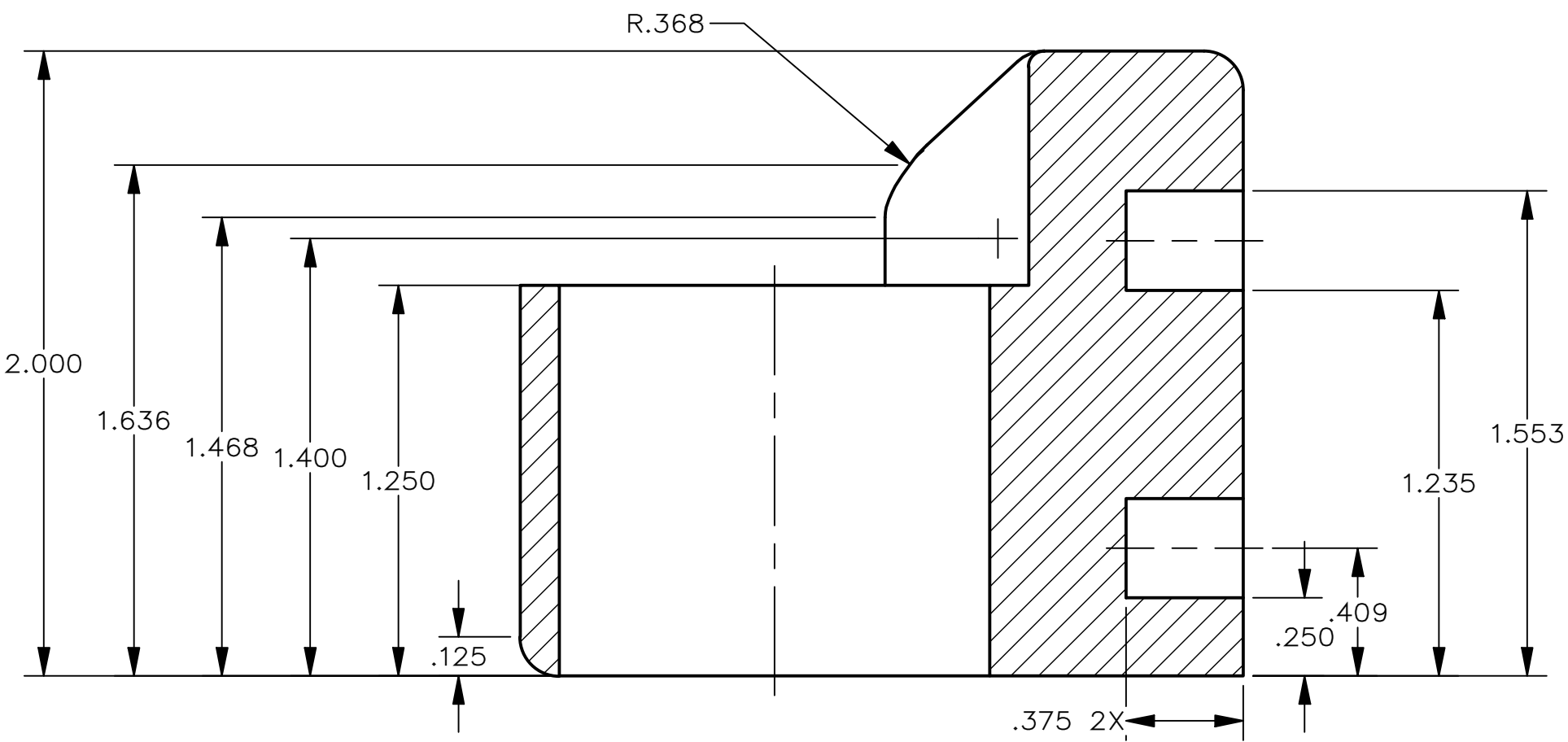
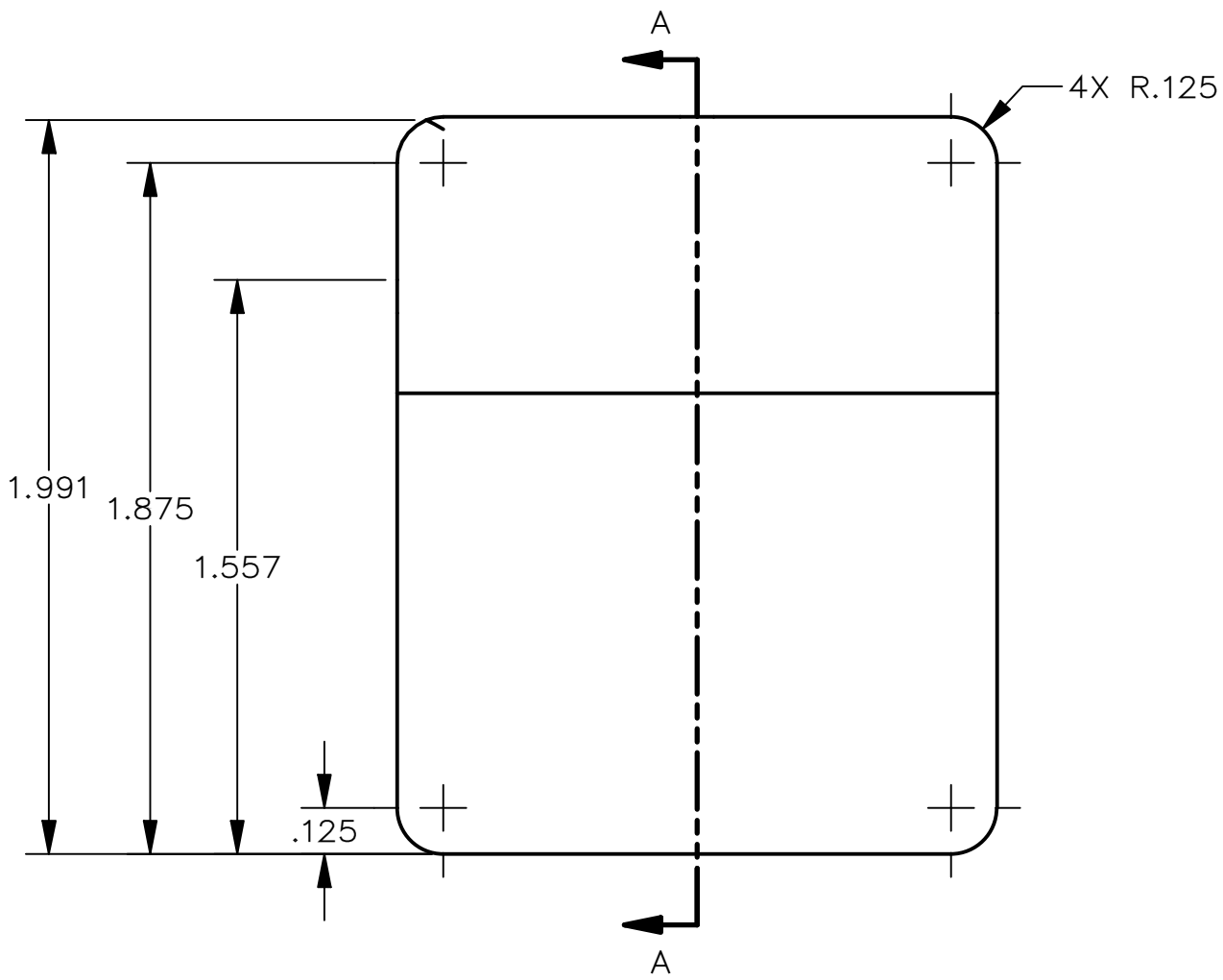
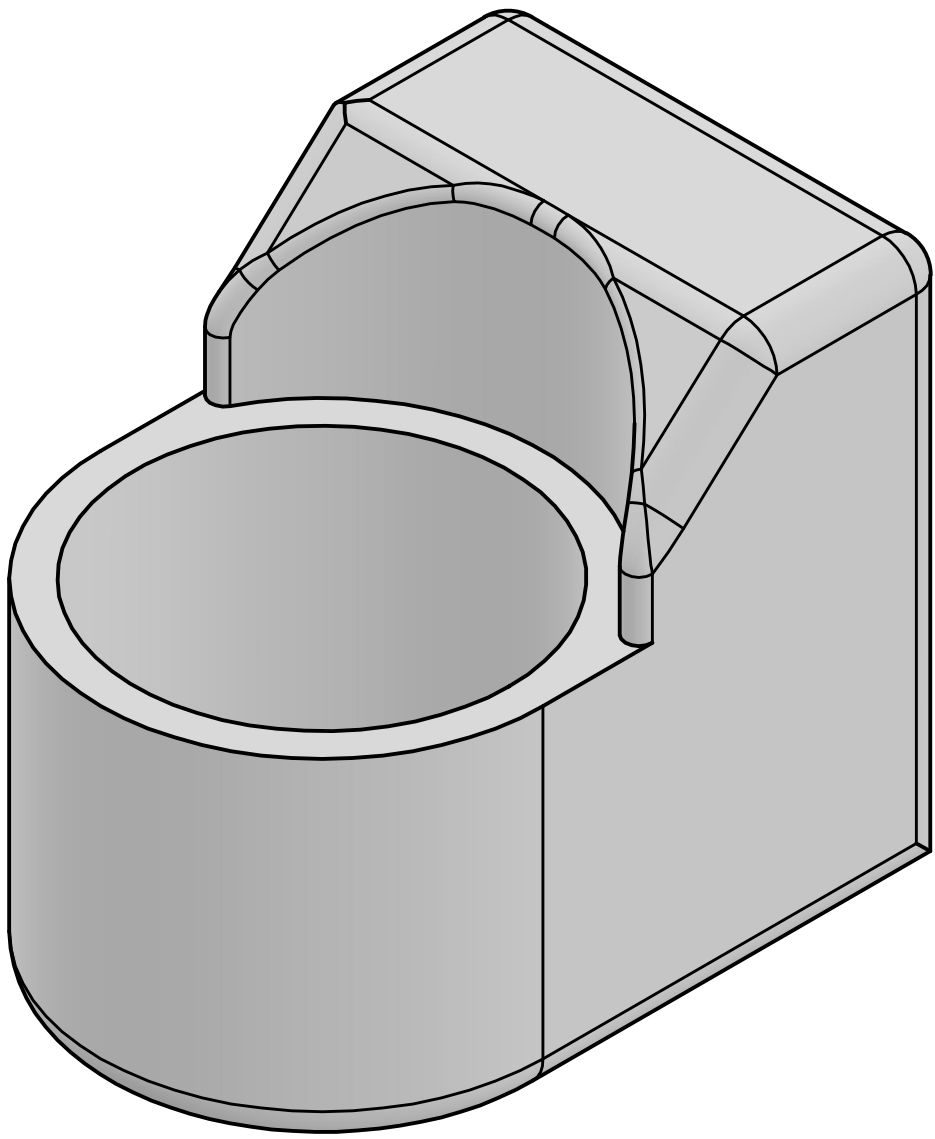
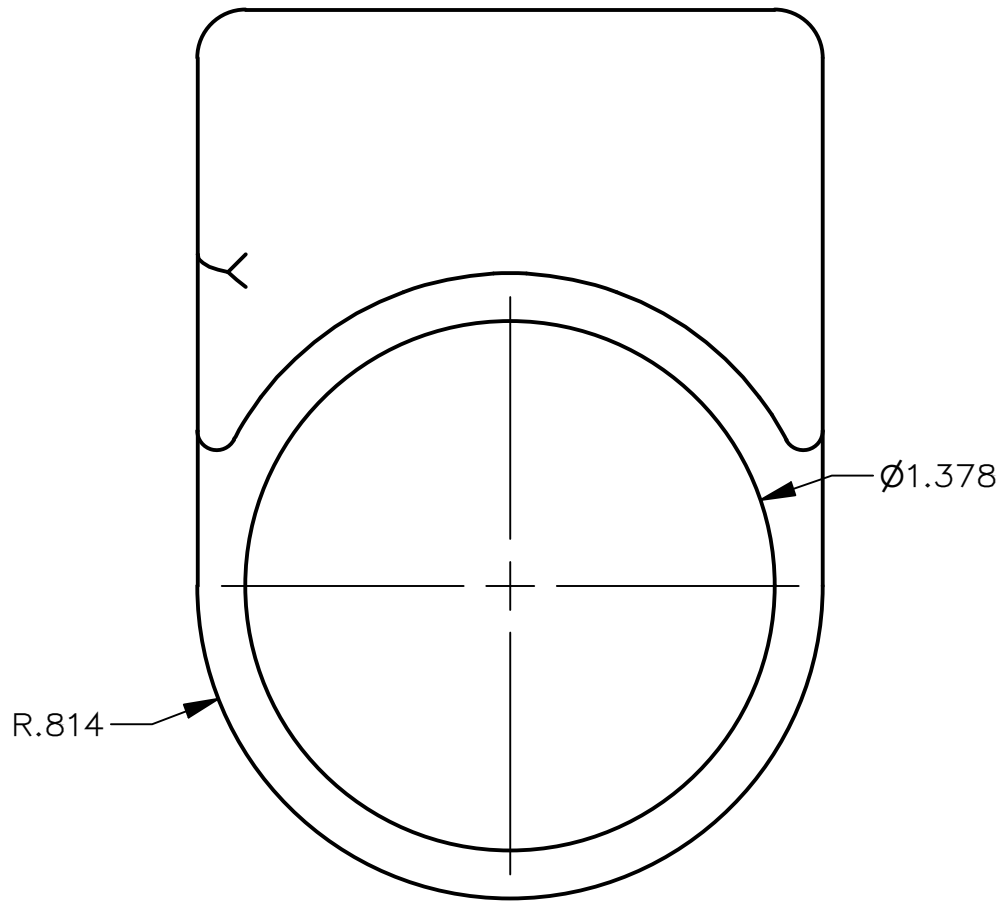
B

A

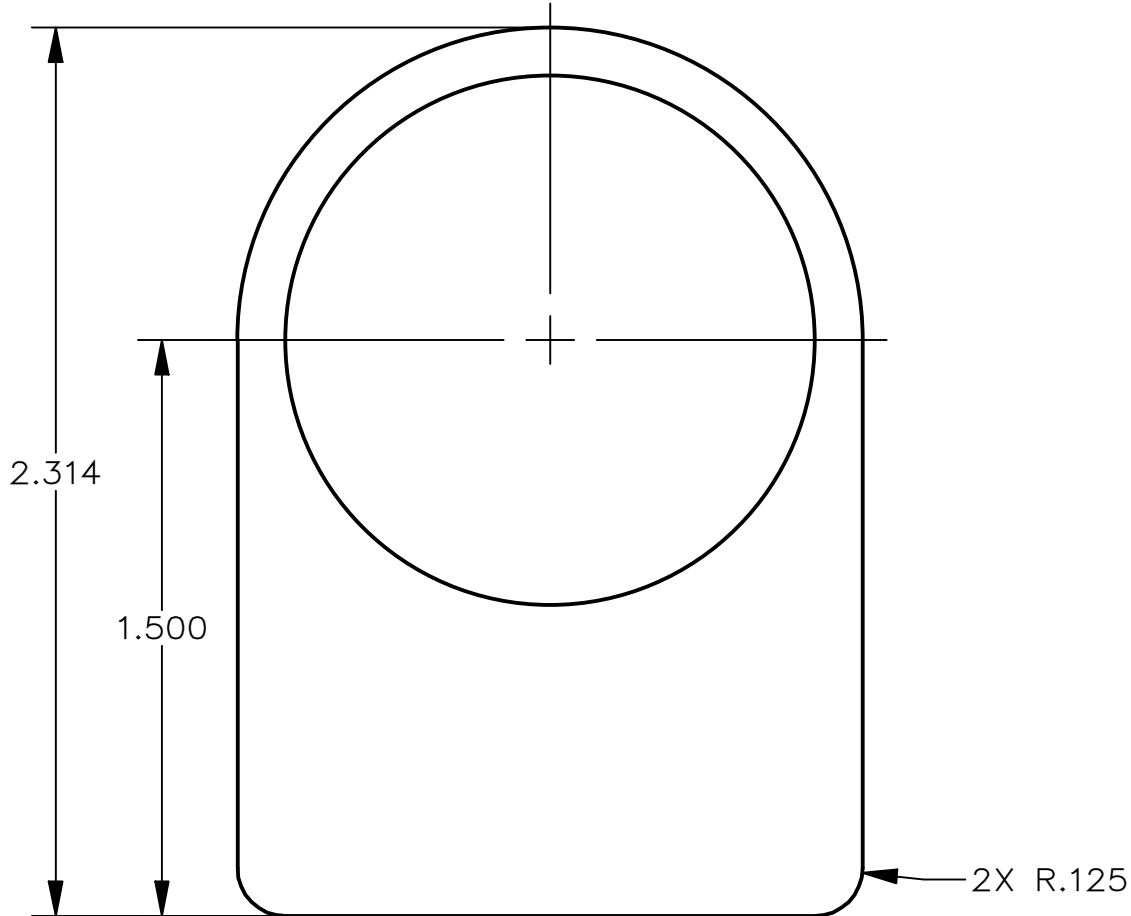


-003

SIZE D	CAGE CODE 21356	DWG NO			REV
SCALE 10	ORG OZ4	FMT P02MAY04	SHEET 8 OF 16		



SECTION A-A
SCALE 2 : 1

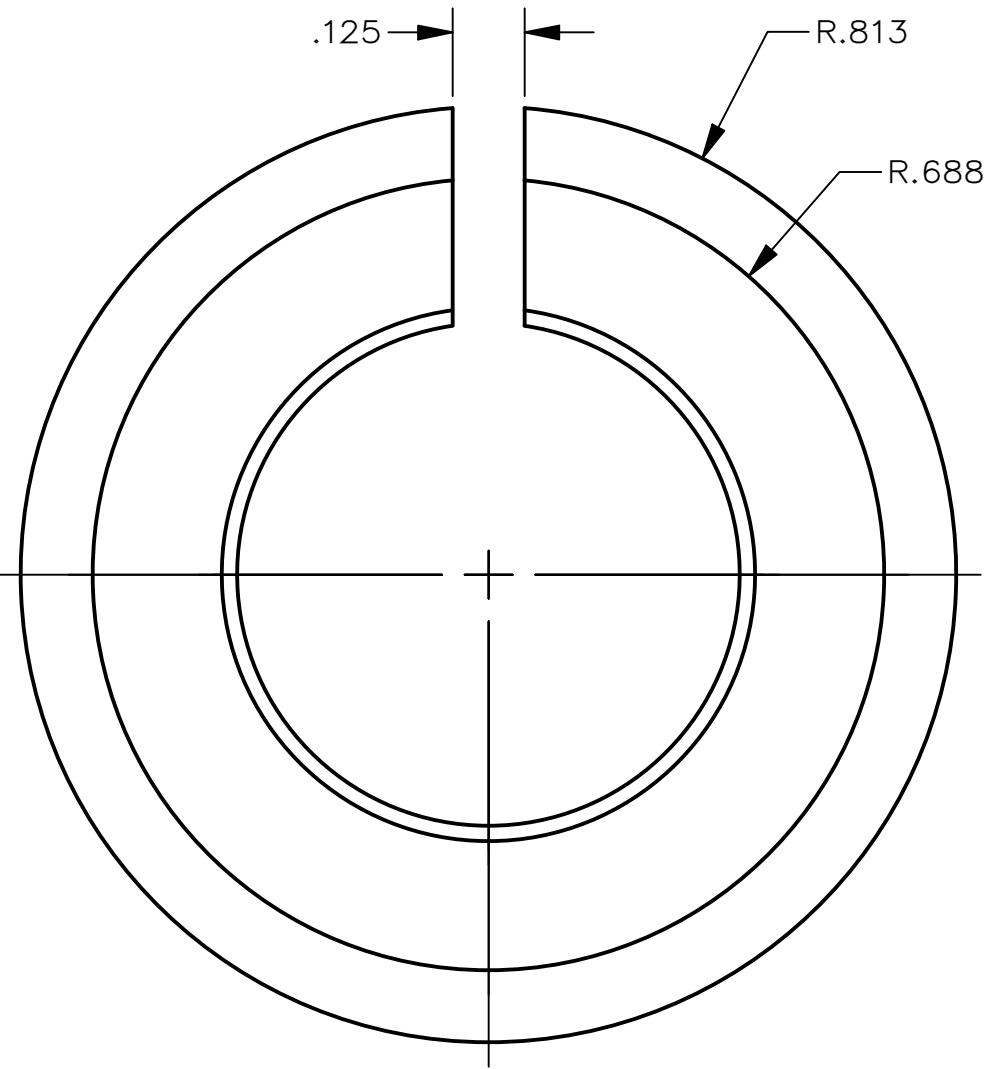
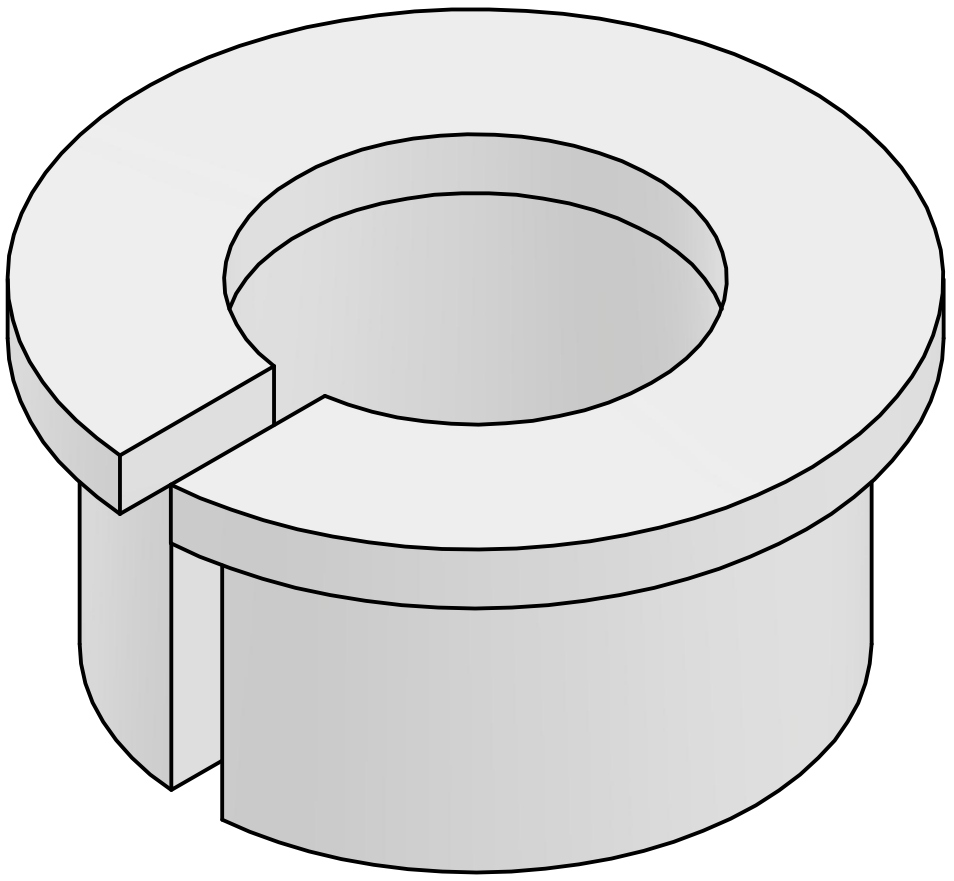
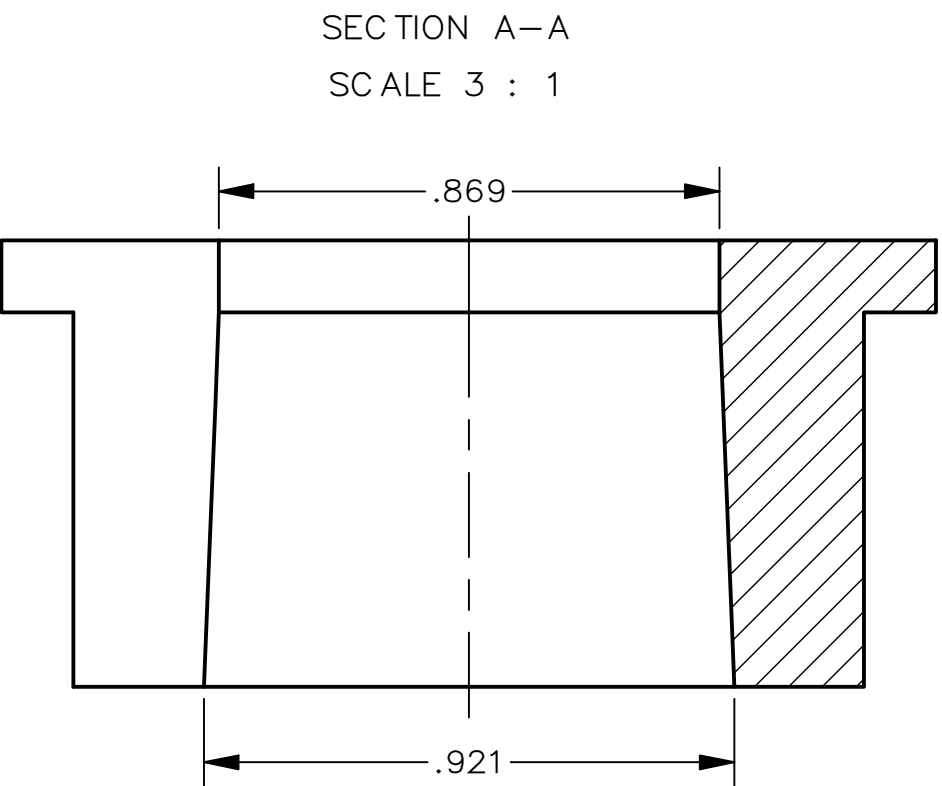
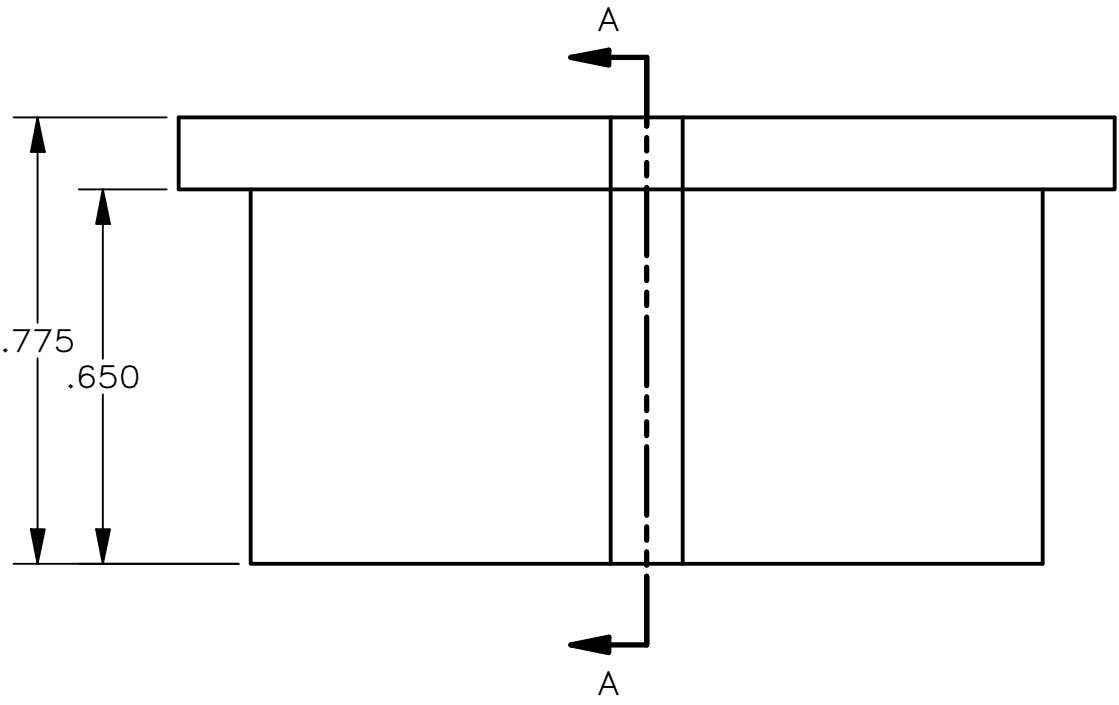


-004

SIZE D	CAGE CODE 21356	DWG NO	REV
SCALE 2 : 1	ORG OZ4	FMT P02MAY04	SHEET 9 OF 16

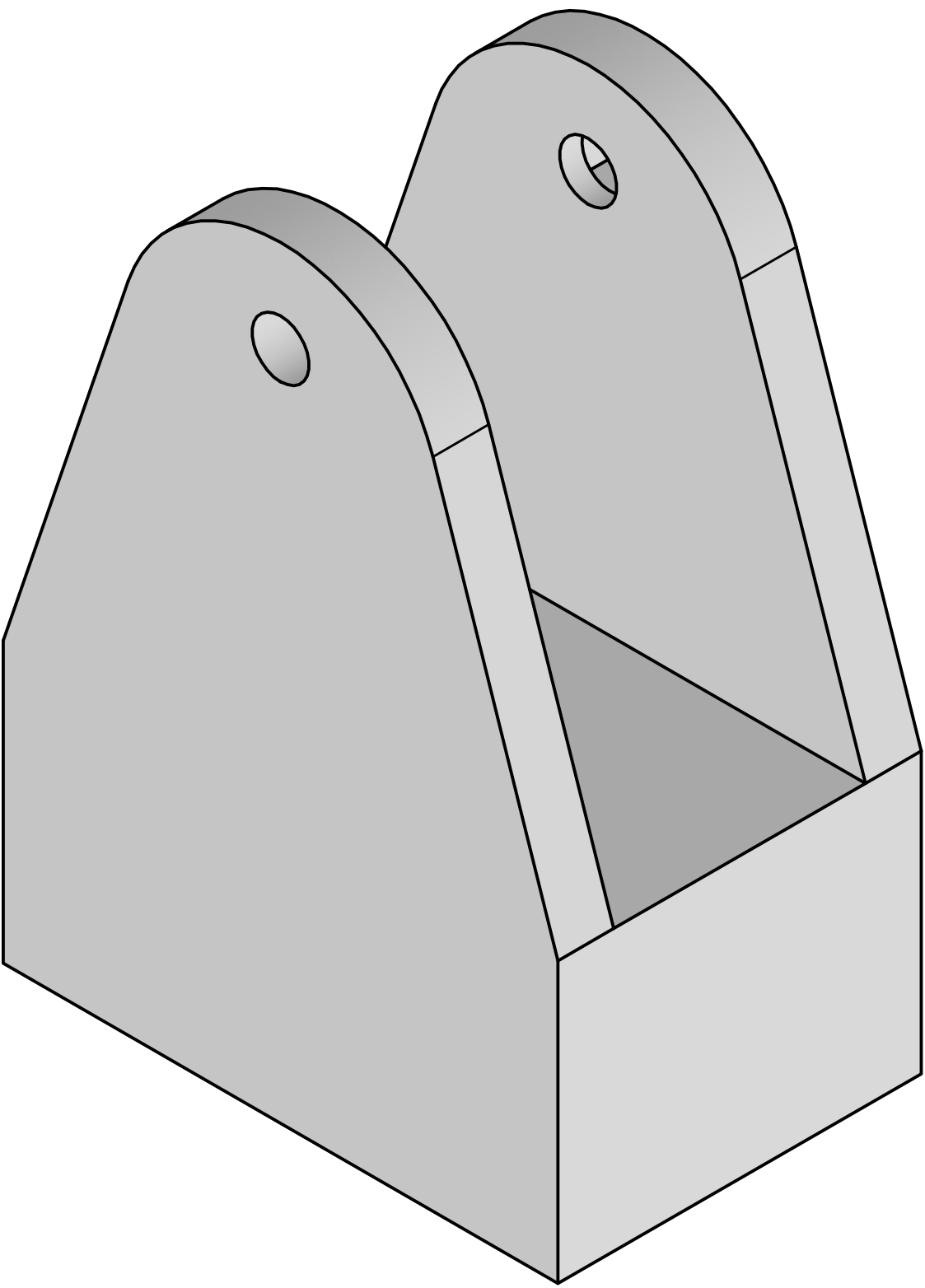
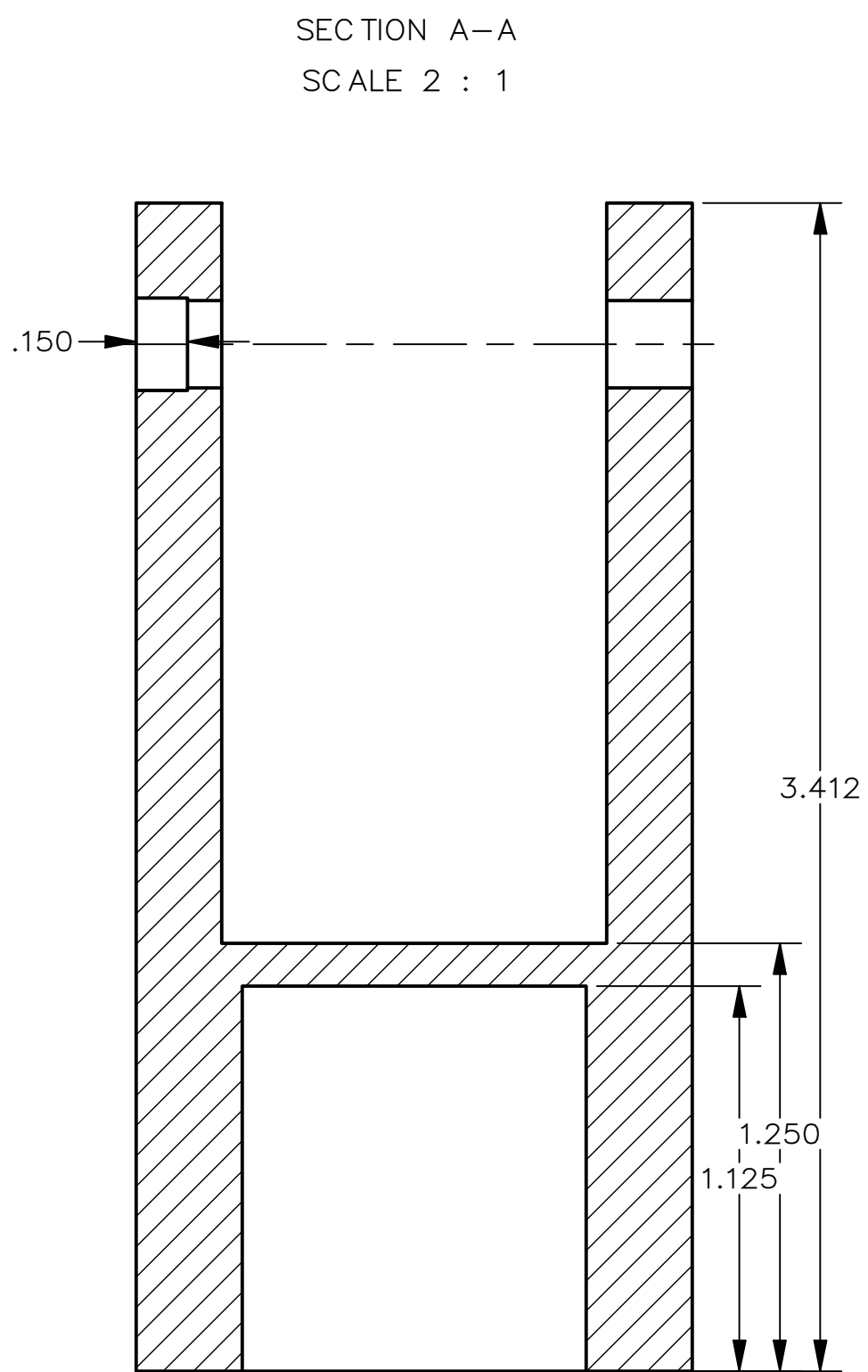
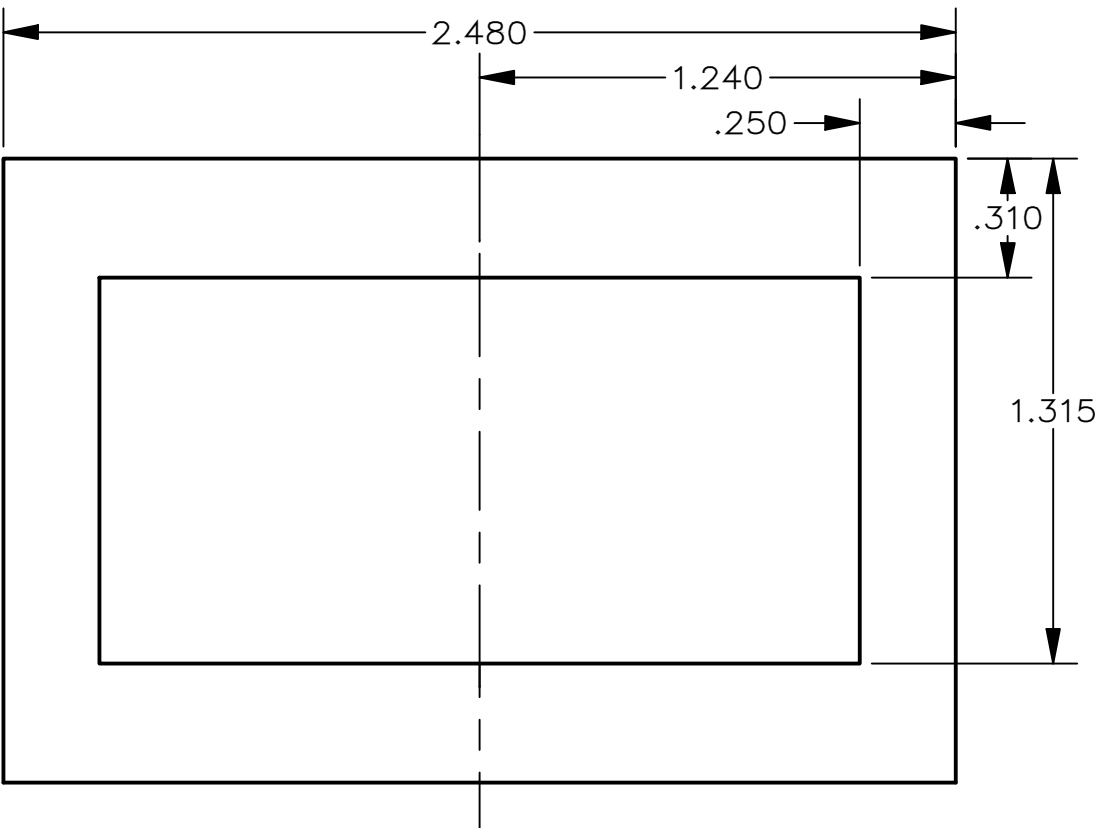
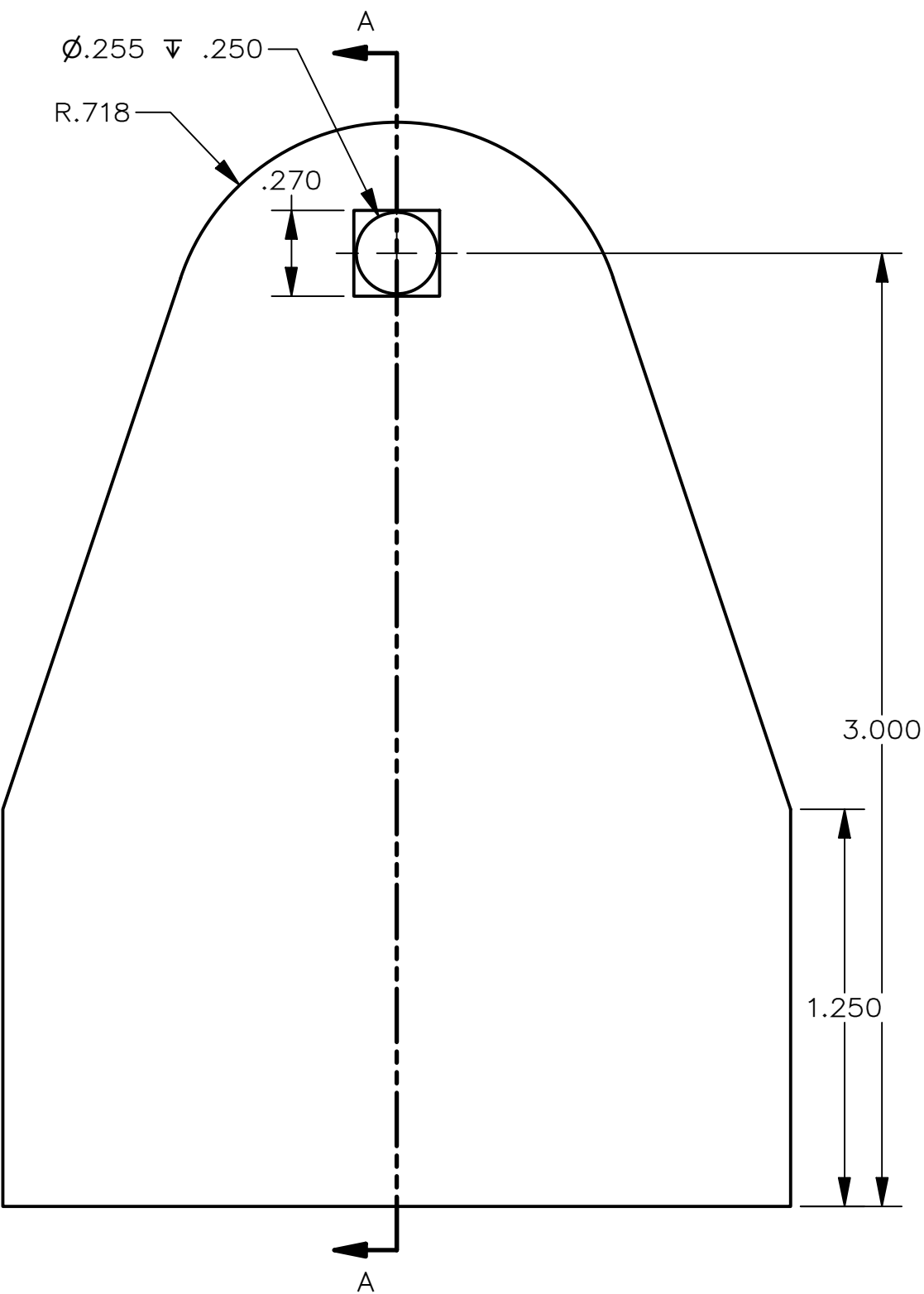
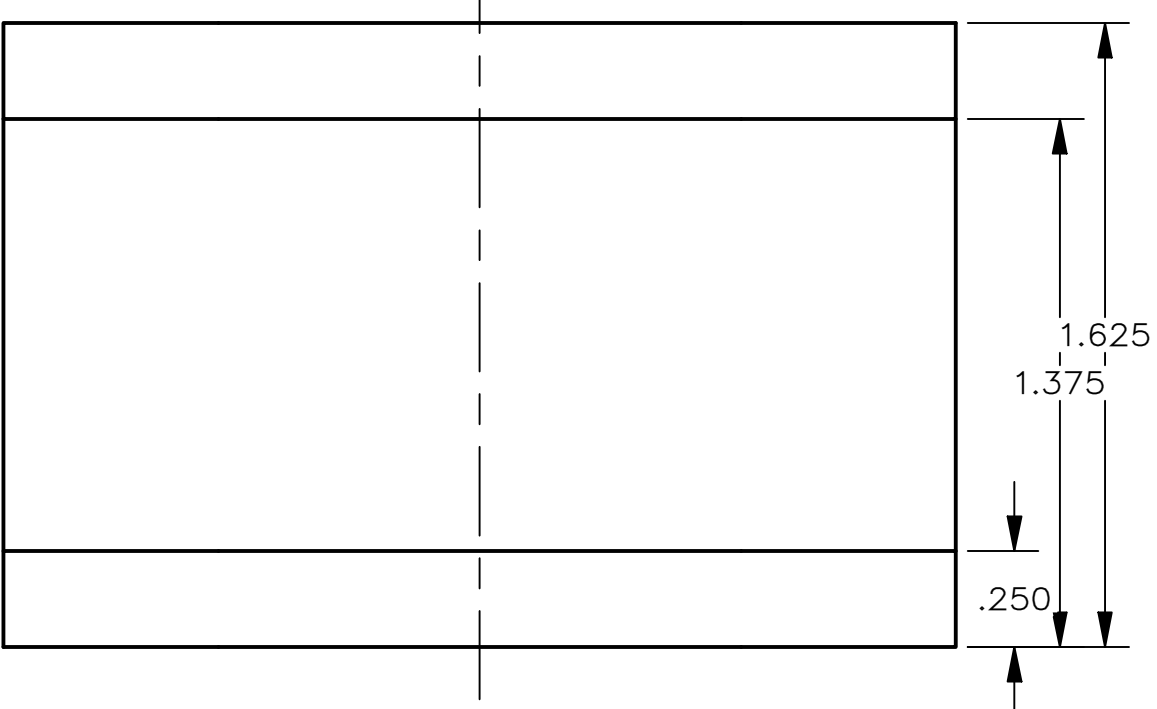
D
C
B
A

D
C
B
A



-005

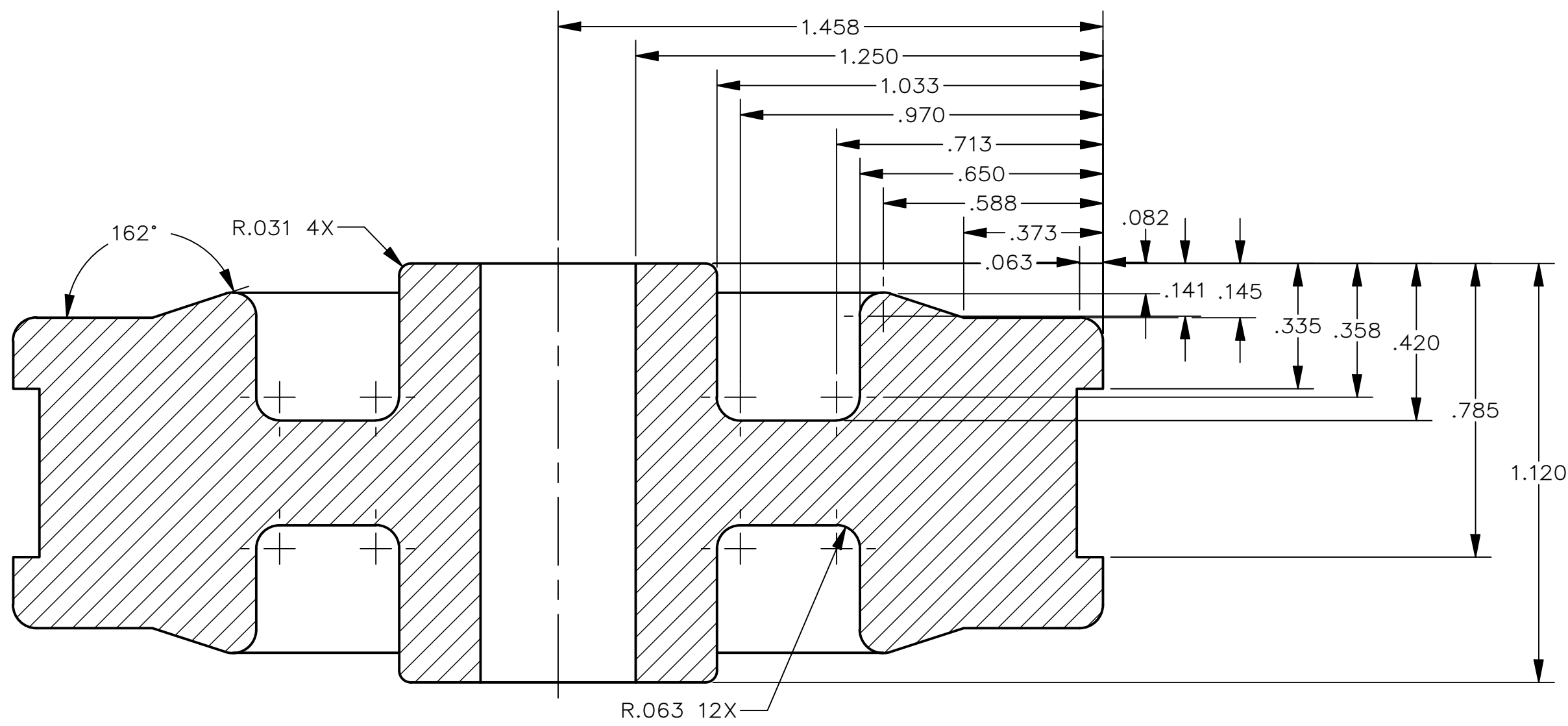
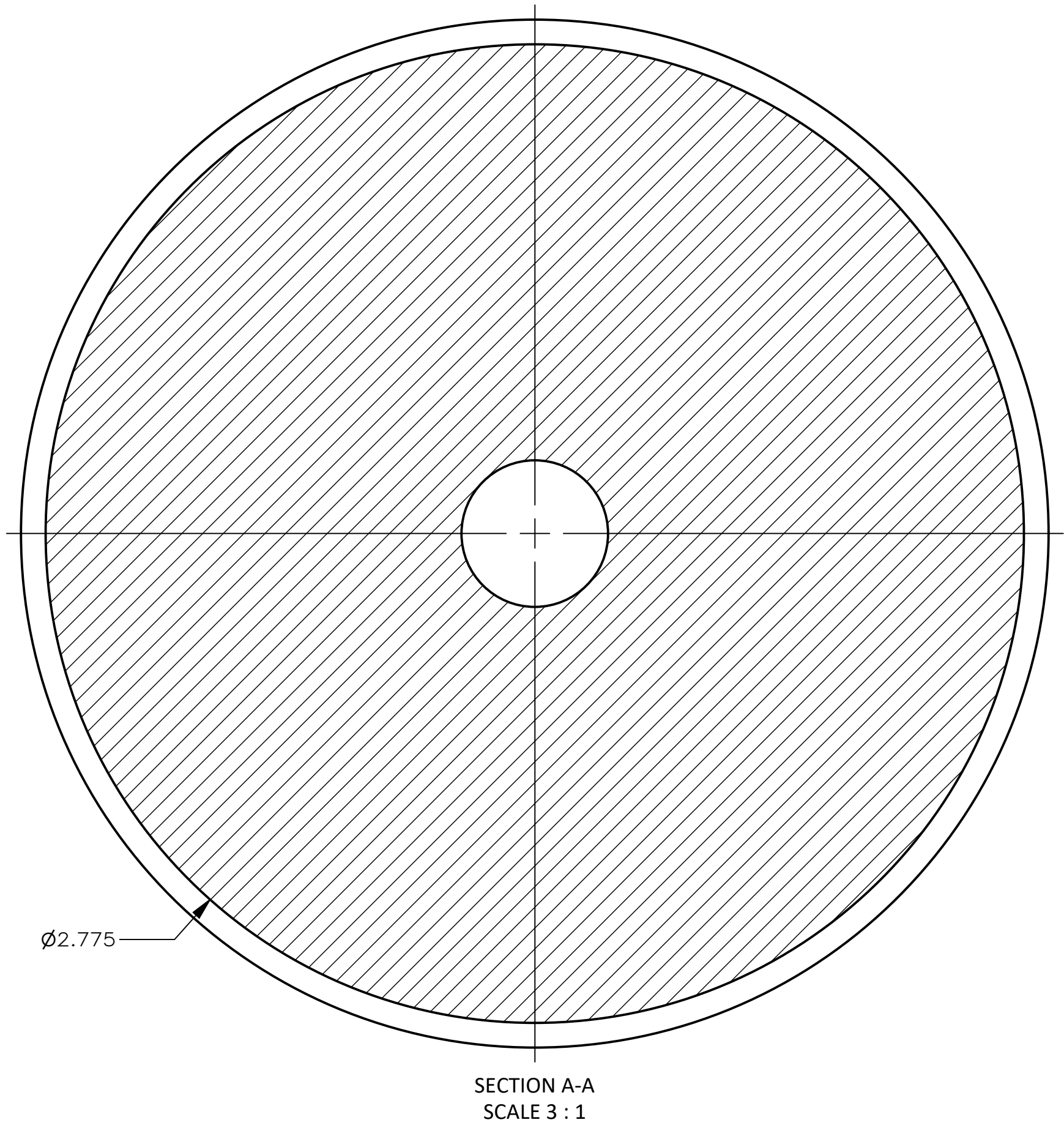
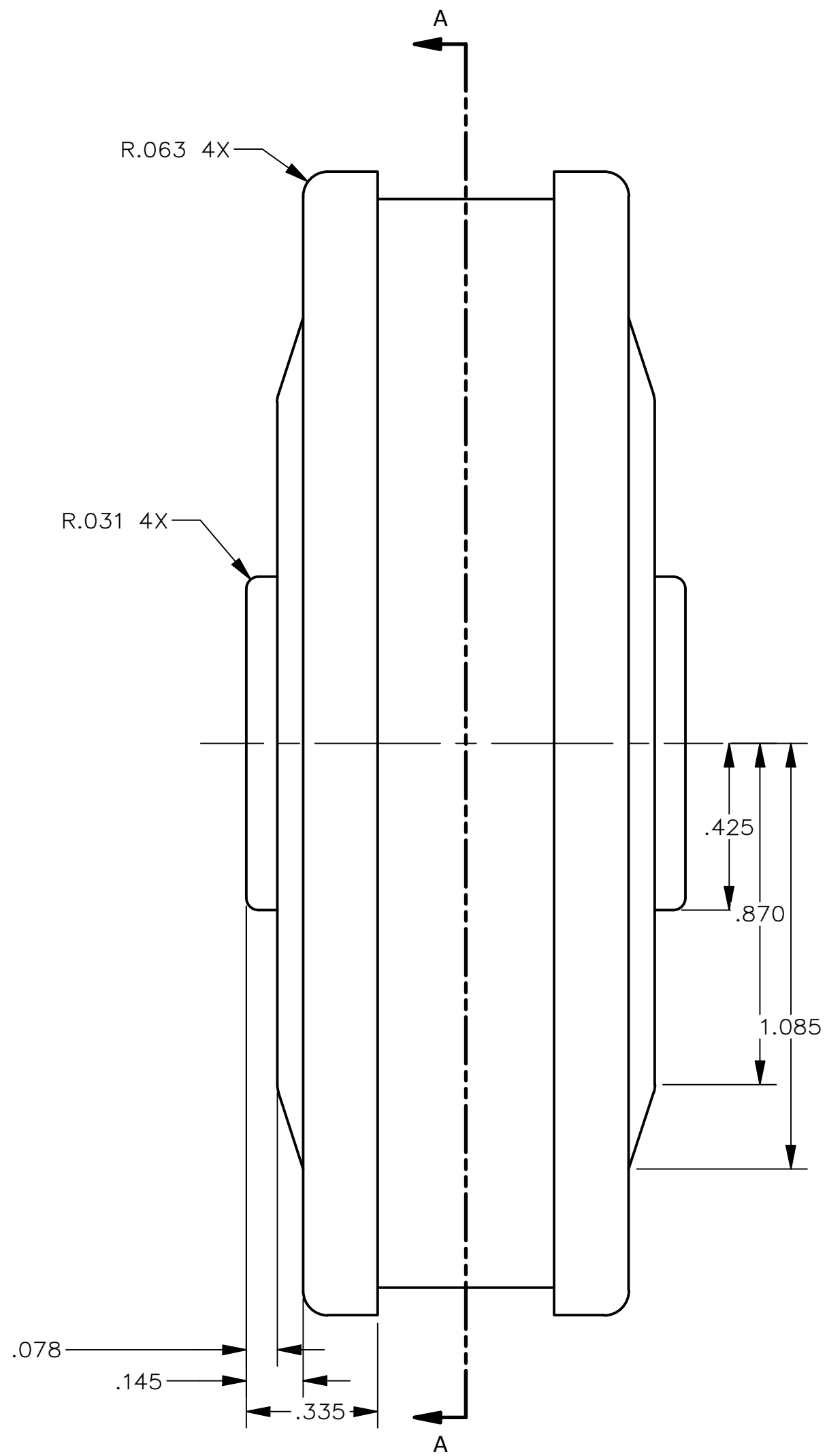
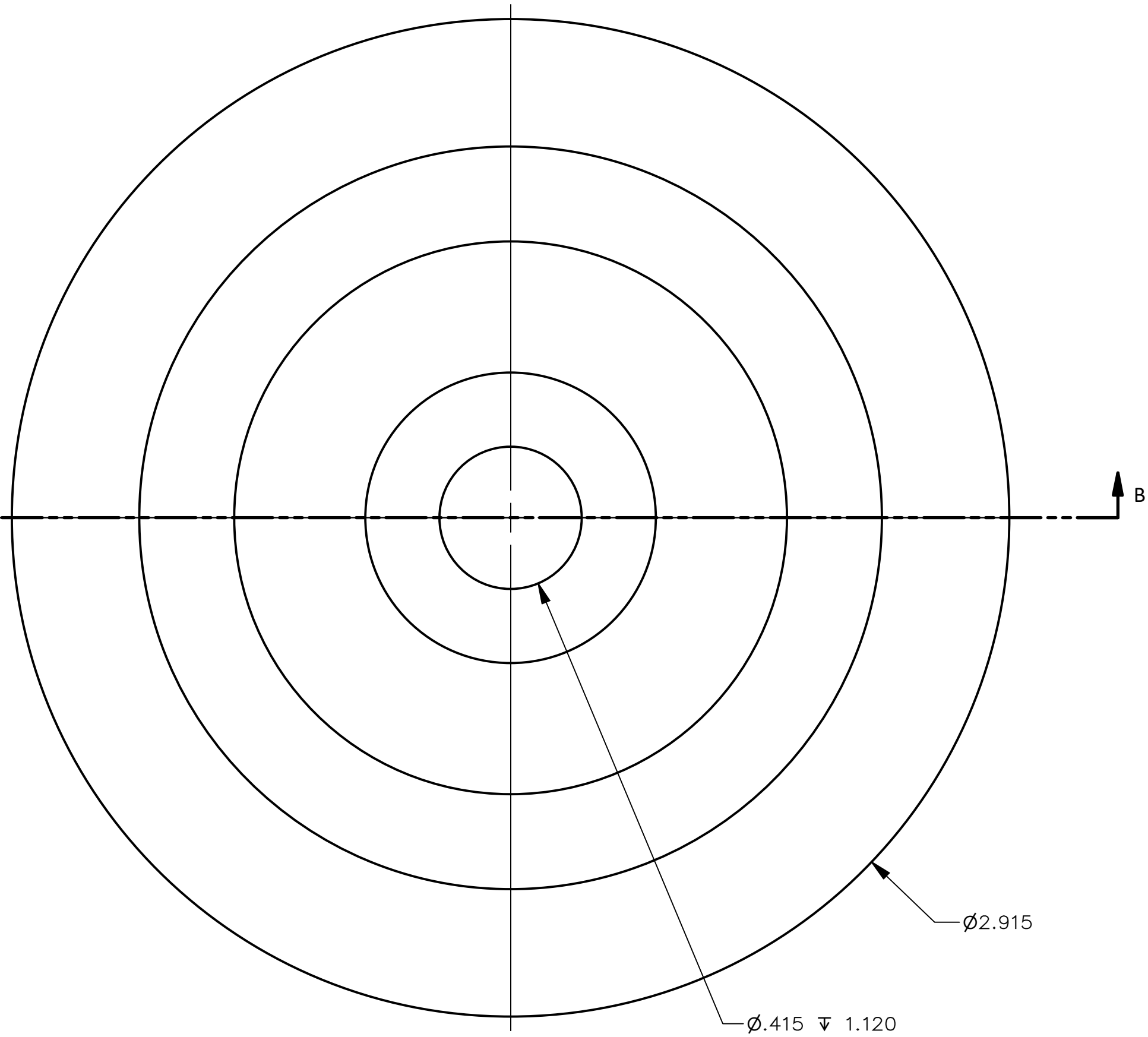
SIZE D	CAGE CODE 21356	DWG NO	REV
SCALE 3 : 1	ORG OZ4	FMT P02MAY04	SHEET 10 OF 16



-006

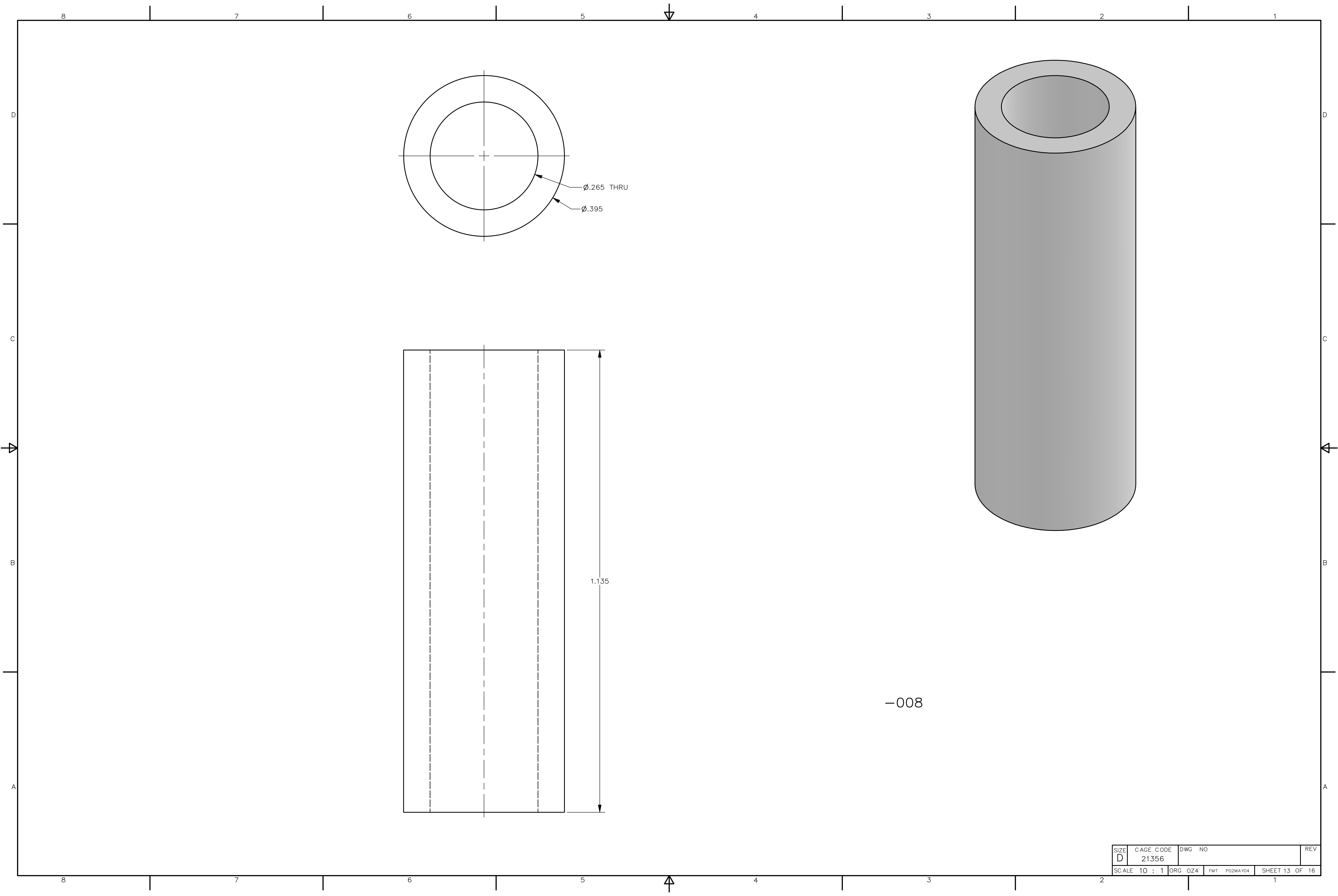
SIZE D	CAGE CODE 21356	DWG NO	REV
SCALE 2 : 1	ORG OZ4	FMT P02MAY04	SHEET 11 OF 16

REV	ZONE	DESCRIPTION OF CHANGE

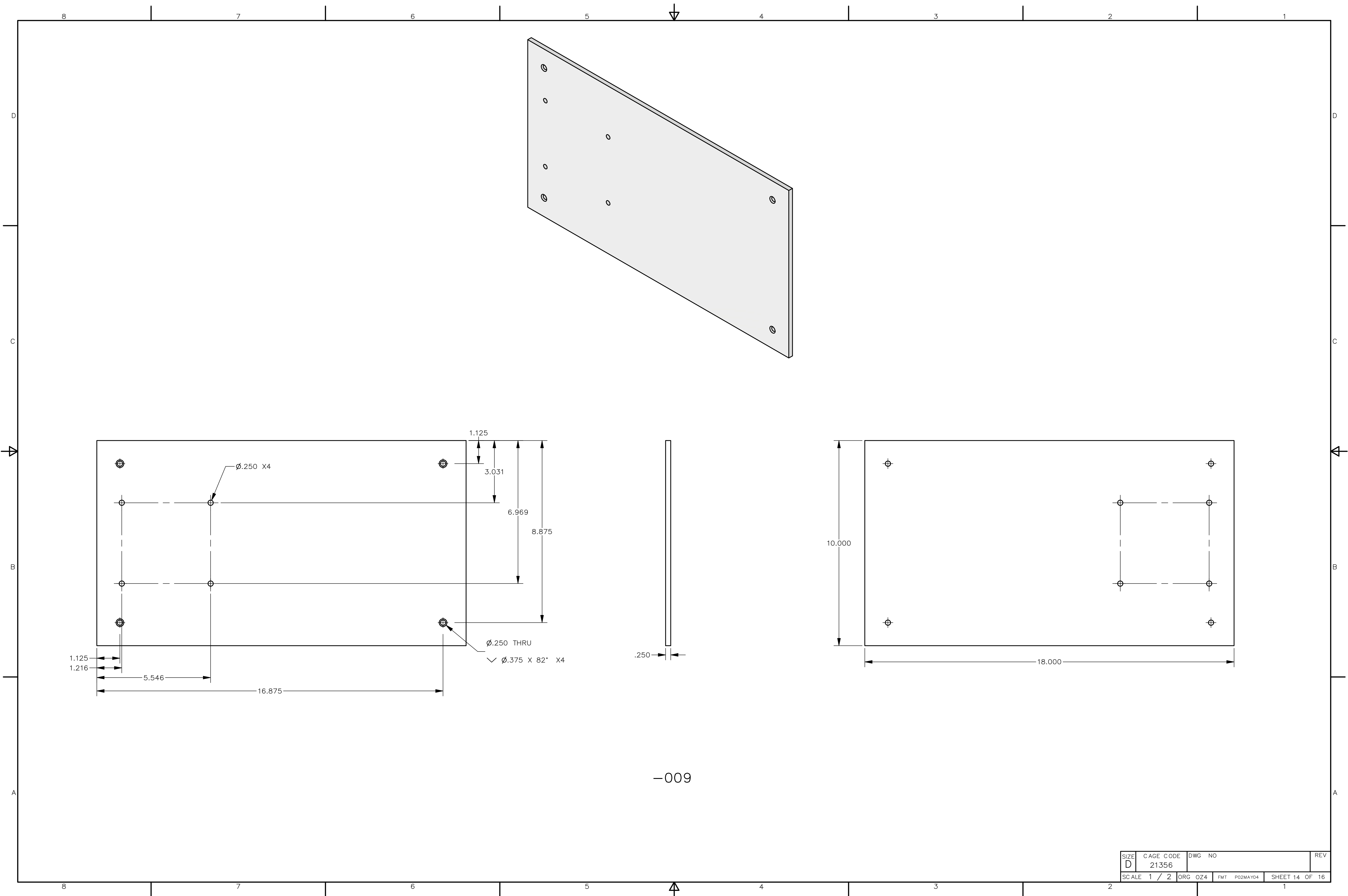


-007

SIZE	CAGE CODE	DWG NO	REV
D	21356		
SCALE	3 : 1	ORG OZ4	FMT P02MAY04
SHEET 12 OF 16			



SIZE D	CAGE CODE 21356	DWG NO			REV
SCALE 10 : 1	ORG OZ4	FMT P02MAY04	SHEET 13 OF 16		



-009

SIZE D	CAGE CODE 21356	DWG NO	REV
SCALE 1 / 2	ORG OZ4	FMT P02MAY04	SHEET 14 OF 16

D

C

B

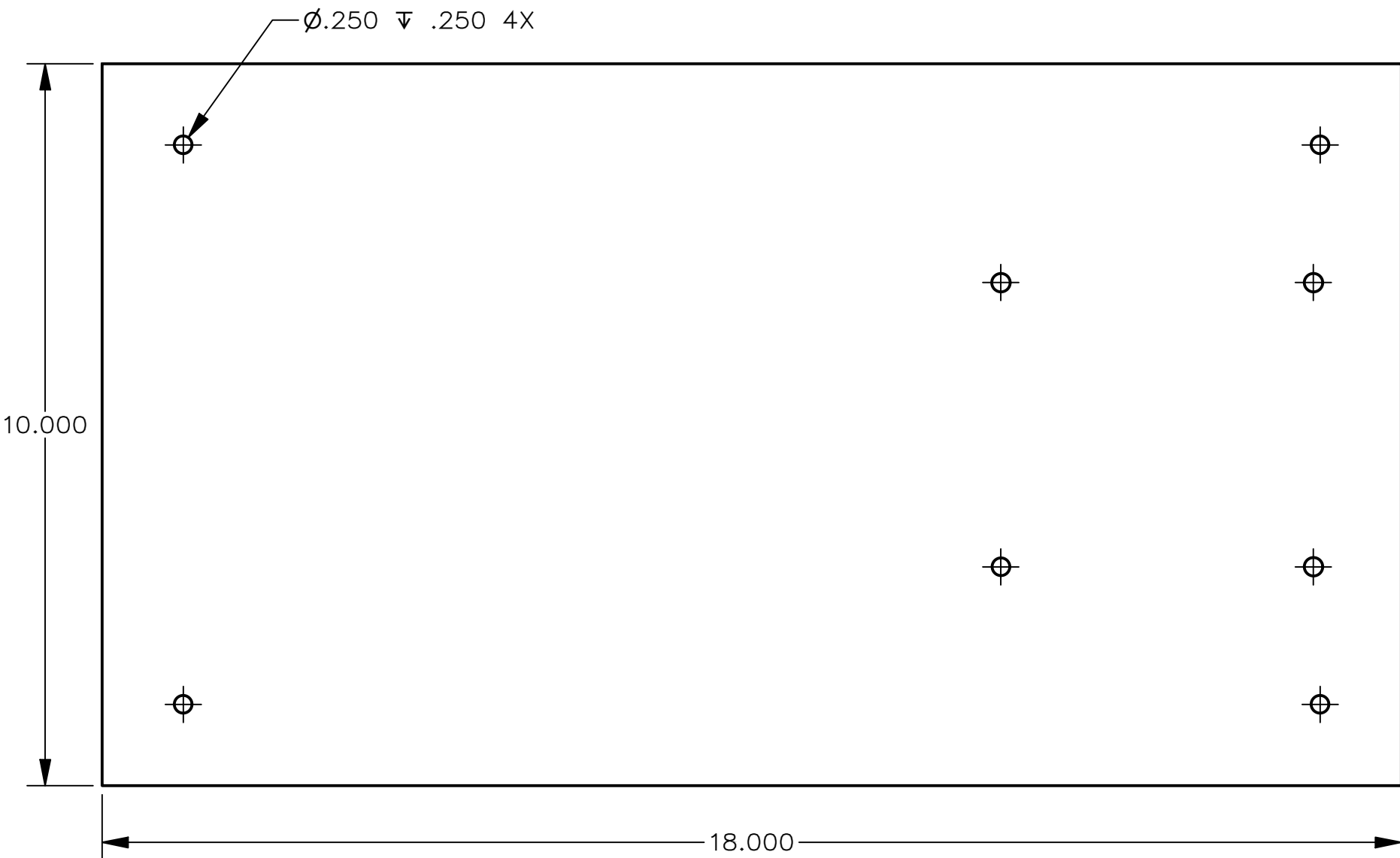
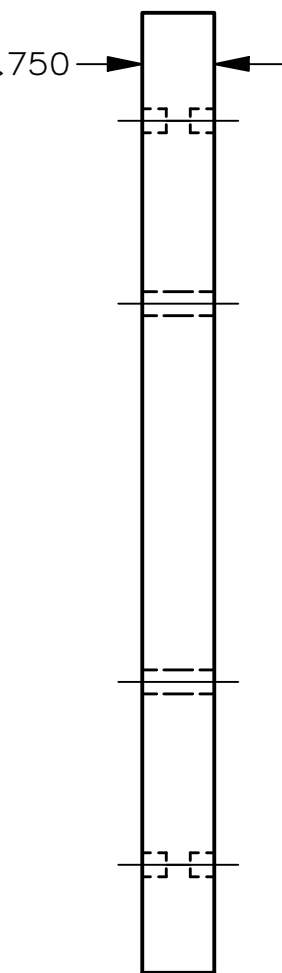
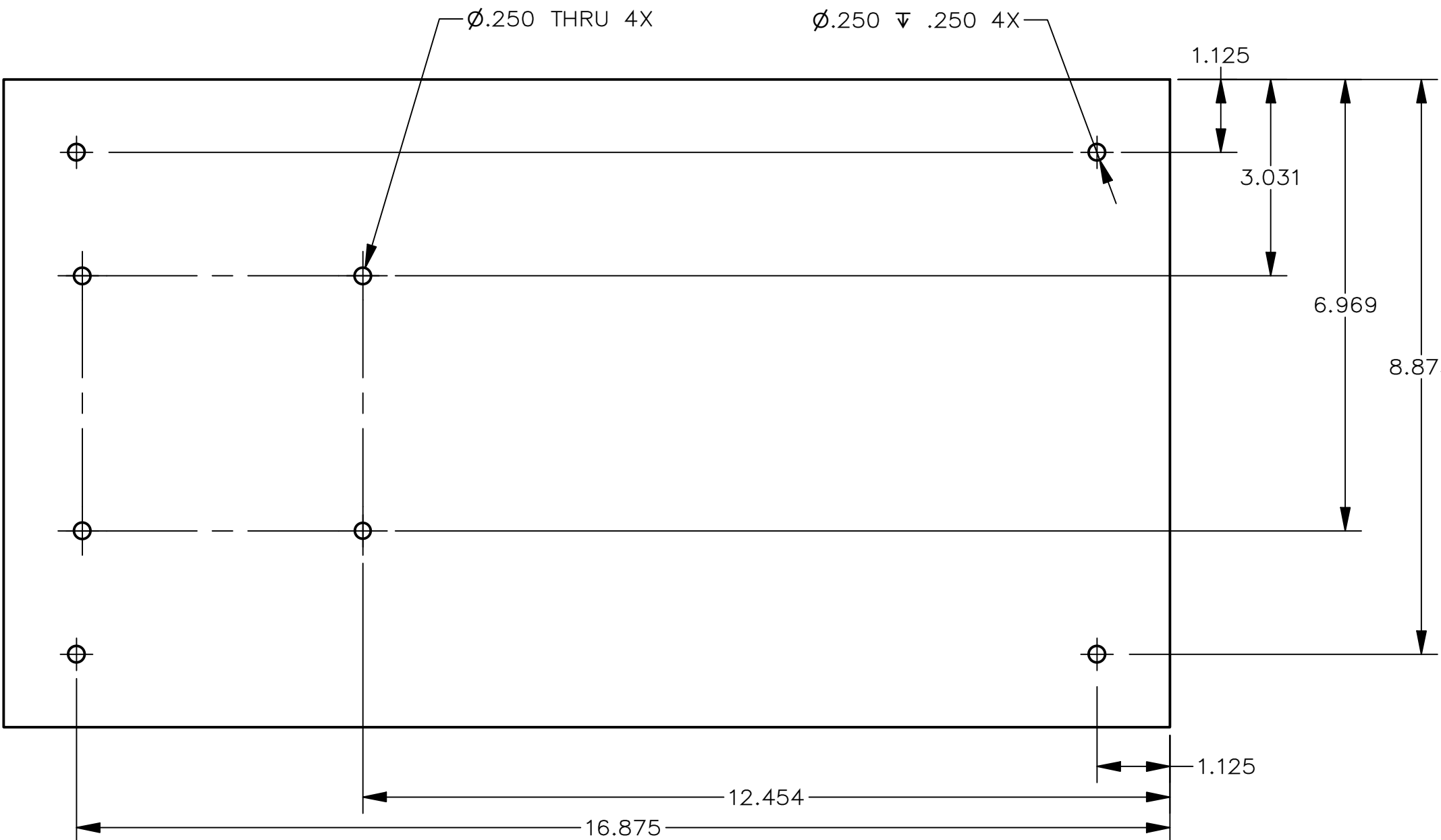
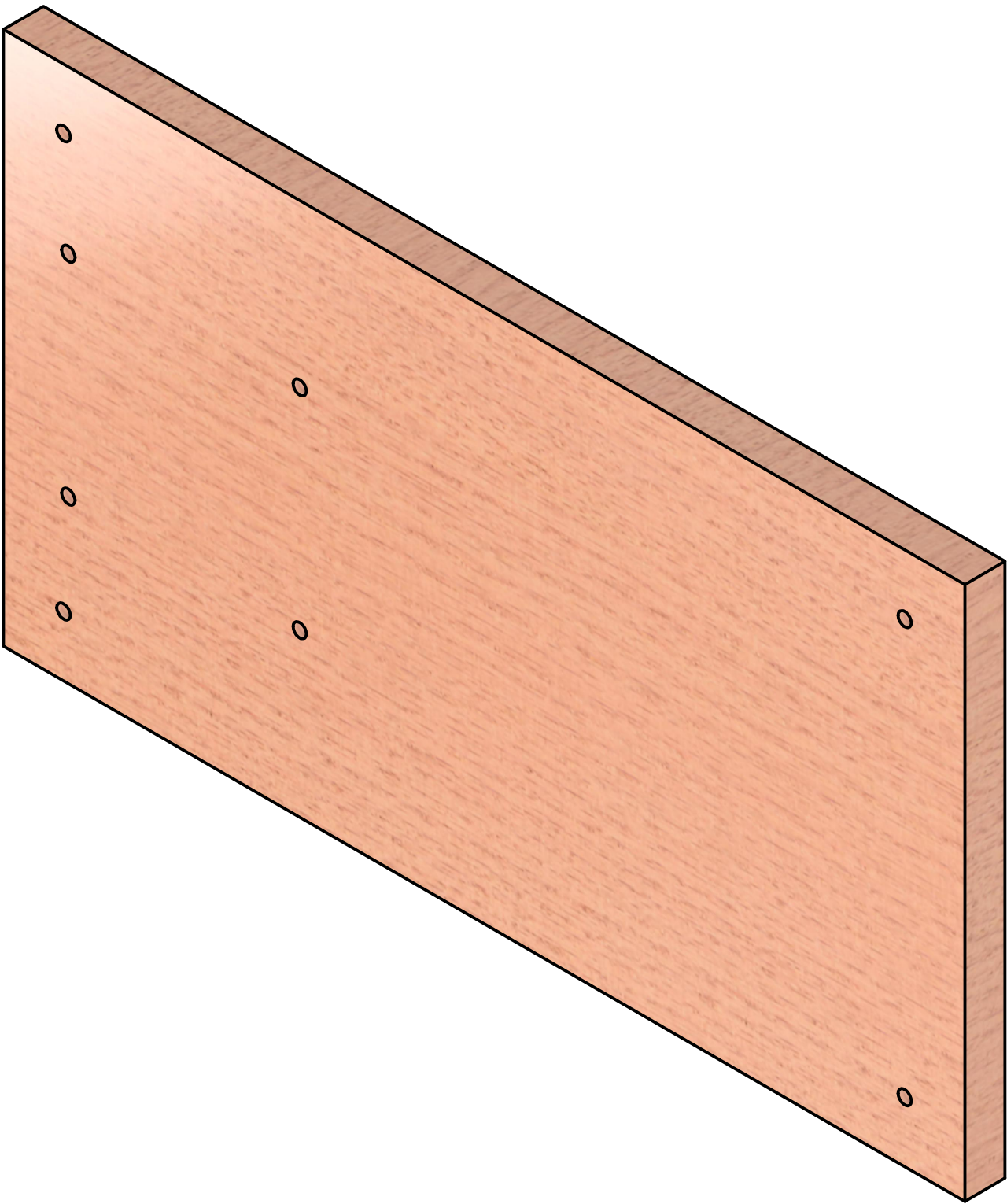
A

D

C

B

A

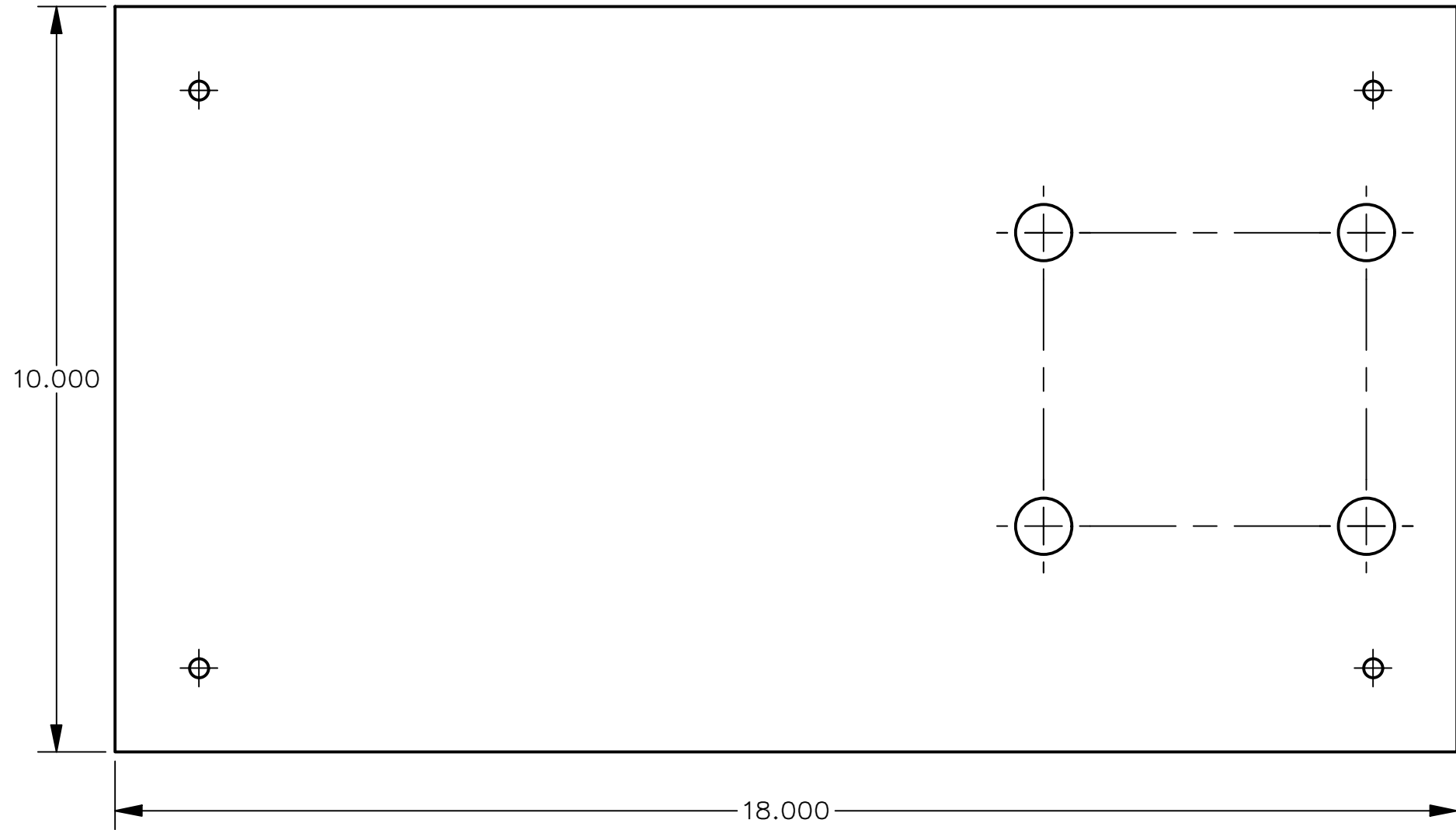
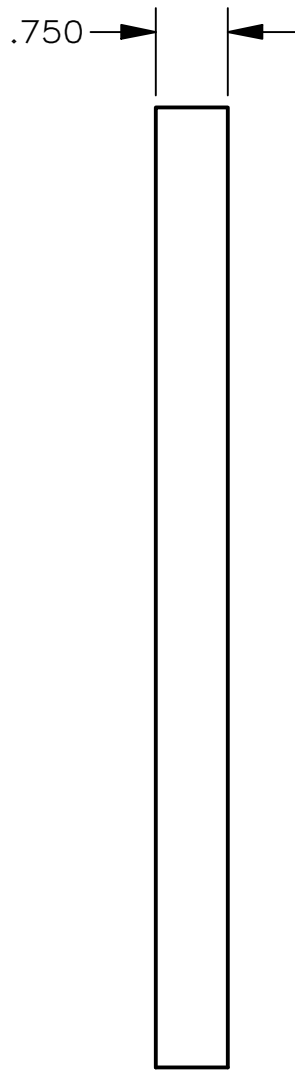
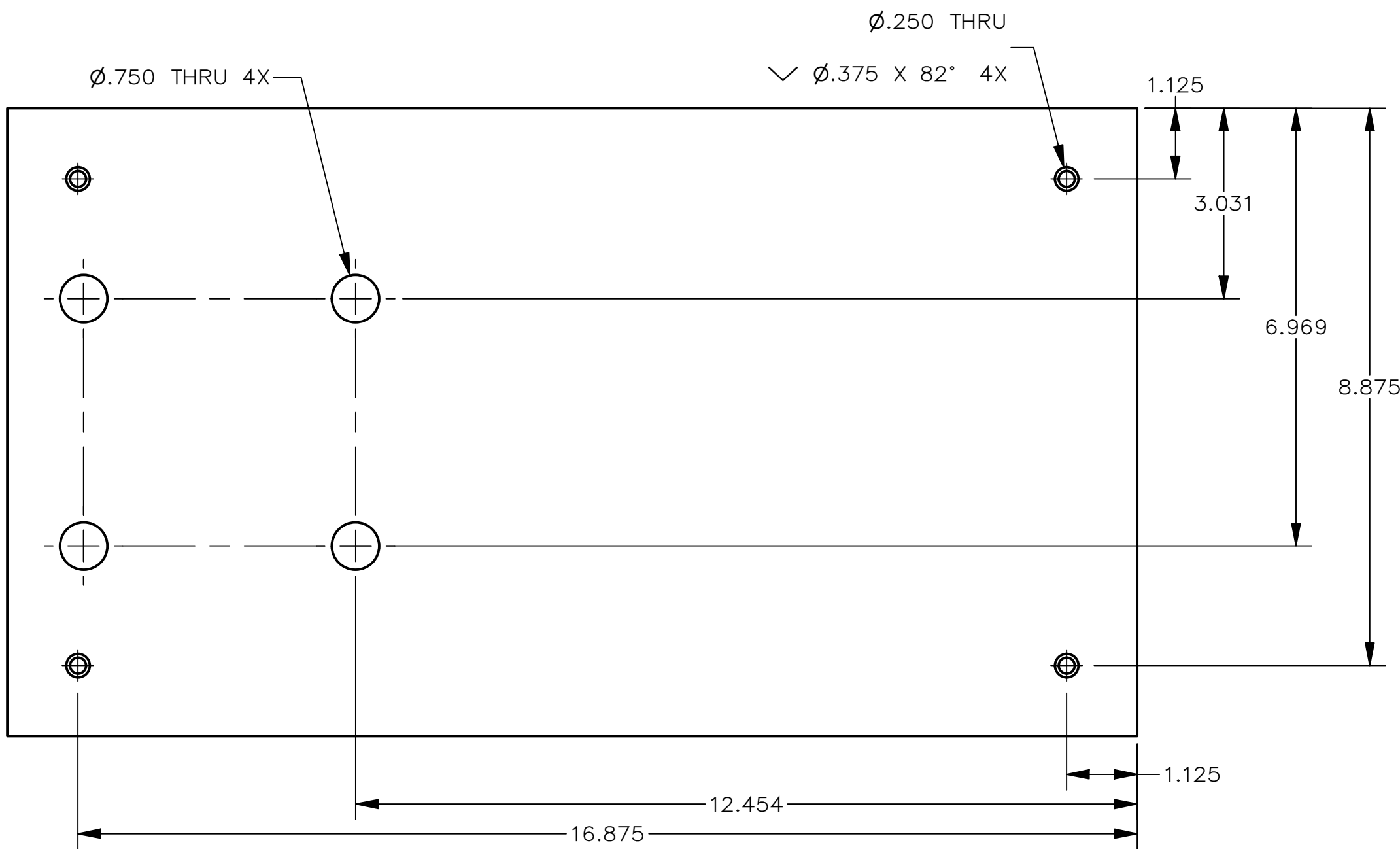
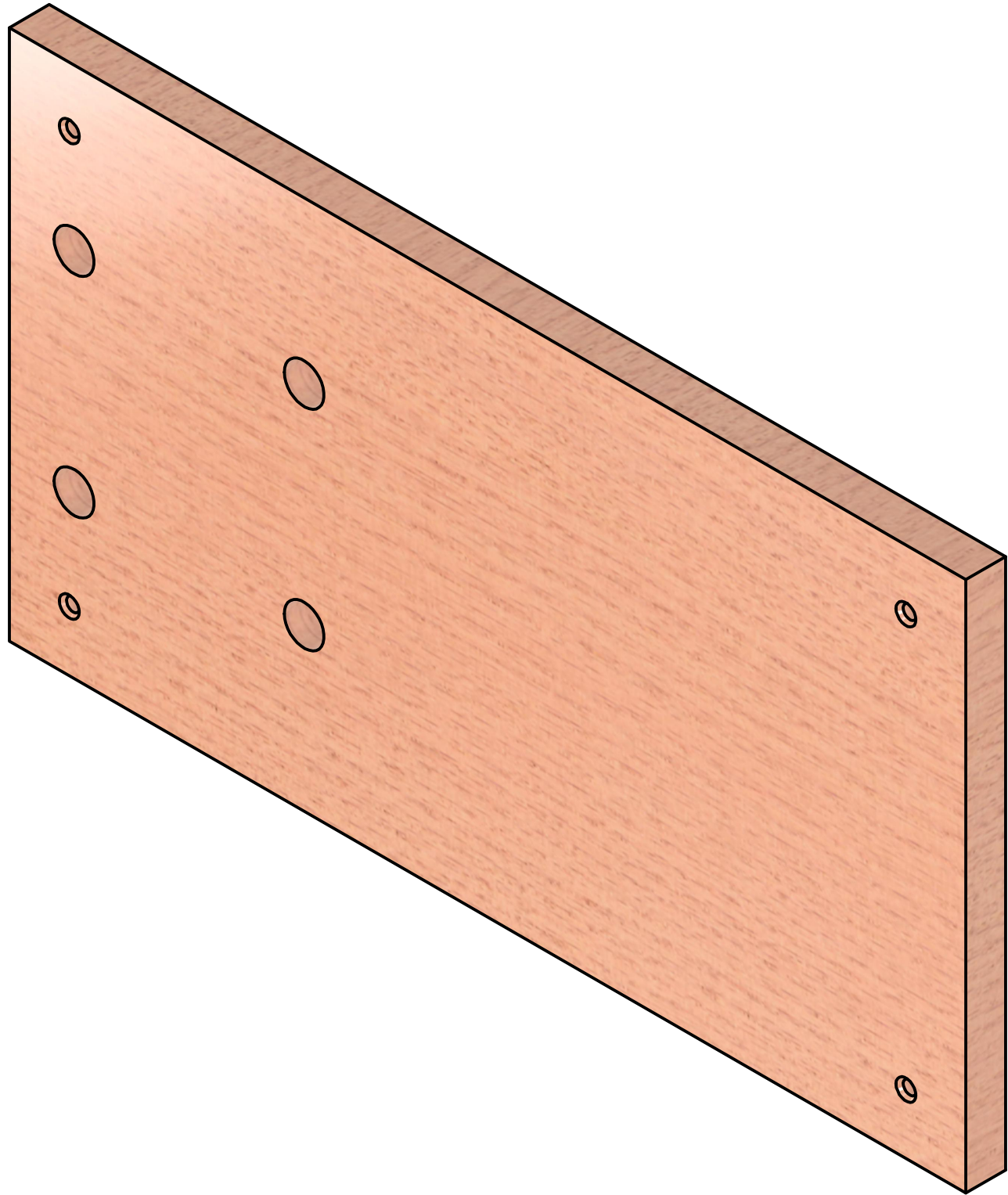


-010

SIZE D	CAGE CODE 21356	DWG NO	REV
SCALE 1 / 2	ORG OZ4	FMT P02MAY04	SHEET 15 OF 16

D
C
B
A

D
C
B
A



-011

SIZE D	CAGE CODE 21356	DWG NO	REV
SCALE 1 / 2	ORG OZ4	FMT P02MAY04	SHEET 16 OF 16