

8 7 6 5 4 3 2 1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	SEE ECN# D972214-A FOR CHANGE LIST	11-03-97	T. THOMPSON
B	SEE ECN# D972214-B FOR CHANGE LIST	08-31-98	T. THOMPSON

D

D

C

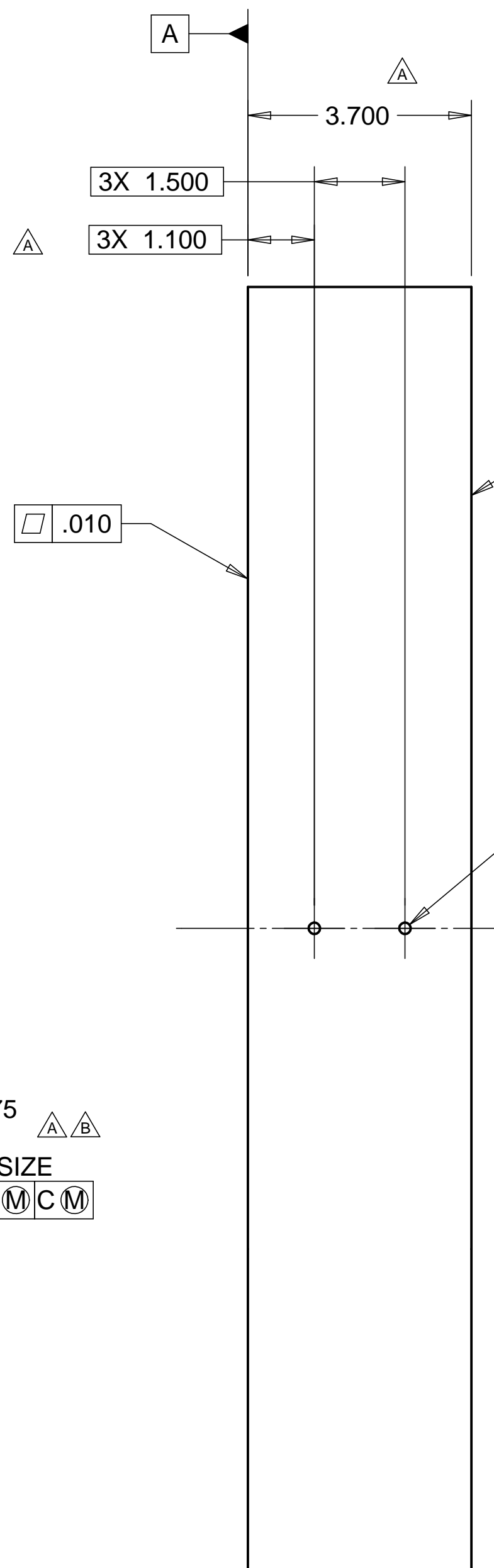
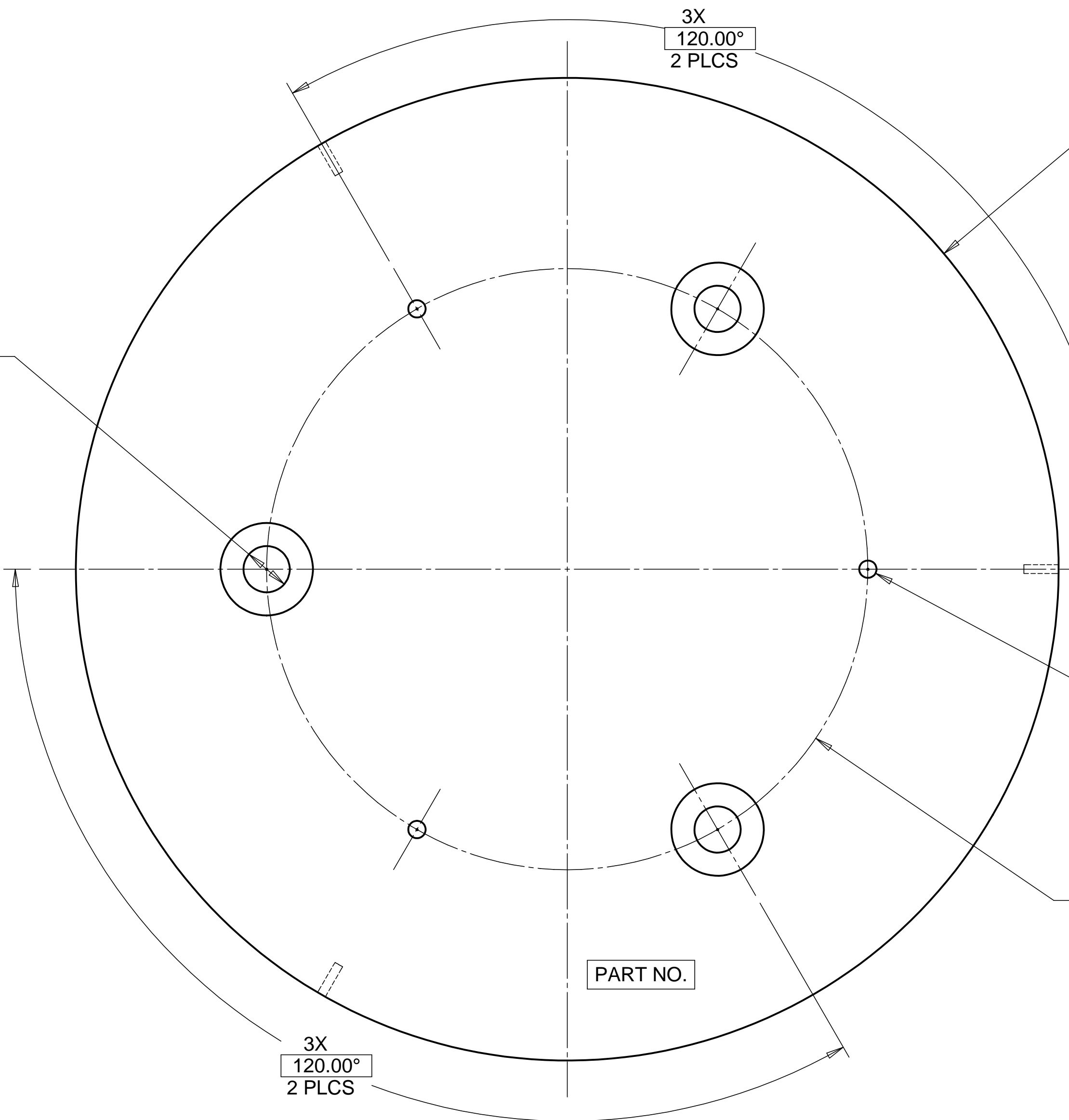
C

B

B

A

A



3X ϕ 1.000 THRU
 \sphericalangle ϕ 2.000 X 90°
 ϕ .017 M A B M
 C

ϕ 21.250
 .010 A
 B

3X 3/8-24 UNF-2B X .75
 +.005 OVERSIZE TAP
 WITH "T" ϕ .358 DRILL SIZE
 ϕ .017 M P 9.0 A B M C M

ϕ 13.000 B.C.

// .010 A

2X #10-32 UNF-2A X .75
 +.005 OVERSIZE TAP
 WITH "#16" ϕ .177 DRILL SIZE
 3X PATTERN ABOUT CIRCUMFERENCE
 ϕ .10 M A B C M
 ϕ .017 M .50 P B

MATL: 304 SST
 WEIGHT: 376.1 lbs.

NOTES: UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS IN INCHES
- DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994
- SURFACE TEXTURE PER ANSI/ASME B 46.1-1985
- REMOVE ALL BURRS AND BREAK SHARP EDGES TO A MAXIMUM OF .015
- ALL INSIDE CORNERS TO BE .015 RADIUS MAX
- COUNTERSINK 82 DEGREES ALL TAPPED HOLES TO MAJOR DIAMETER
- COUNTERSINK 82 DEGREES APPROXIMATELY .015 DEEP ALL DRILLED HOLES
- PARTS TO BE THOROUGHLY CLEANED TO REMOVE ALL OIL, GREASE, DIRT AND CHIPS
- PART NUMBER (DRAWING NO. PLUS DASH NO. PLUS SERIAL NO.) TO BE CLEARLY MARKED ON THE PART ITSELF.
- ALL FABRICATION, CLEANING, AND HANDLING MAINTAINED TO HYTEC SPECIFICATION: LIGO-TS-03 CATEGORY 1.
- NO SULFUR BASED CUTTING FLUIDS ALLOWED. APPROVED STAINLESS STEEL MACHINE LUBRICANT: RELTON A-9, RELTON

PARTS LIST			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES -TOLERANCES- DECIMALS ANGULAR = +/- .30° .X = +/- .1 .XX = +/- .03 .XXX = +/- .010 SURFACE FINISH = 250	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE DO NOT SCALE DRAWING		HYTEC, INC TITLE LIGO BSC ISOLATION STACK LEG ELEMENT #2
	FINISH ALL MACHINED SURFACES 64 RMS	DESIGNED ROGER L. SMITH	
PART NO. D972214-1	DRAWN ROGER L. SMITH	DATE 5-28-97	DWG. NO. D972214 SIZE D SHEET NO. 1 of 1
	CHECKED HARRY SALAZAR	DATE 6-6-97	
	ENGR. T. THOMPSON	DATE 7-10-97	SCALE 1/2 REVISION B
	APPROVED T. THOMPSON	DATE 7-10-97	

8 7 6 5 4 3 2 1