



SECTION A-A
SCALE: 1/2

SECTION B-B
SCALE: FULL
B1-B1 - AS SHOWN
B2-B2 - MIRROR IMAGE

Detail 5
Scale: 1:1
59 Places

- NOTES**
- CASTING MATERIAL: ALUMINUM A356 PER ASTM B26/B26M-88. STANDARD SPECIFICATION FOR ALUMINUM ALLOY SAND CASTINGS.
 - DRAFT ANGLE IS 2°. SURFACE FINISH TO BE AS CAST UNLESS OTHERWISE NOTED
 - CASTING VENDOR TO FURNISH A COPY OF THE INGOT CERTIFICATE.
 - CAST PART NO '24A0325' IN 1/2" RAISED LETTERS IN LOCATION SHOWN
 - CASTING VENDOR TO CAST A TENSILE SPECIMEN TOGETHER WITH PART. SPECIMEN MUST ACCOMPANY PART THRU ALL PROCESSES, THEN BE TESTED, AND RESULTS FURNISHED TO LBL
 - HEAT TREAT TO T6 CONDITION PER ASTM B597-86. STANDARD PRACTICE FOR HEAT TREATMENT OF ALUMINUM ALLOYS
 - ALL DIMENSIONS APPLY AFTER HEAT TREAT
 - DATUM PLANE -X- IS DEFINED BY DATUM TARGETS X1, X2 AND X3 AS SHOWN IN THE VIEW IN ZONE 10. DATUM TARGETS WILL BE USED TO SET UP FOR MACHINING DATUM PLANE -A-.
 - DATUM TARGETS Y1 AND Y2 AND PLANE -A- WILL BE USED TO SET UP TO MACHINE DATUM PLANE -B-.
 - FEATURE INDICATED IS TO BE LOCATED SYMMETRICALLY BETWEEN DATUM TARGET Z1 AND Z2 AND WITHIN .010, OR .001, AS SHOWN, OF TRUE POSITION, AND WITH RESPECT TO PRIMARY DATUM PLANE -K-, AND SECONDARY DATUM PLANE -L-.
 - FEATURE INDICATED IS TO BE LOCATED SYMMETRICALLY BETWEEN DATUM TARGET Z1 AND Z2 WITHIN .010, AND WITH RESPECT TO PRIMARY DATUM PLANE -K- AND SECONDARY DATUM PLANE -L-.
 - WEIGHT OF PART IS APPROXIMATELY 70 lbs.

RECD	ITEM	PART NO.	DESCRIPTION
			CASTING MATERIAL - SEE NOTE 1
			LAWRENCE BERKELEY LABORATORY UNIVERSITY OF CALIFORNIA-BERKELEY
			RHIC-STAR-TPC
			INNER SECTOR ASSEMBLY
			INNER SECTOR CASTING
			SCALE: 1:2
			24A0325