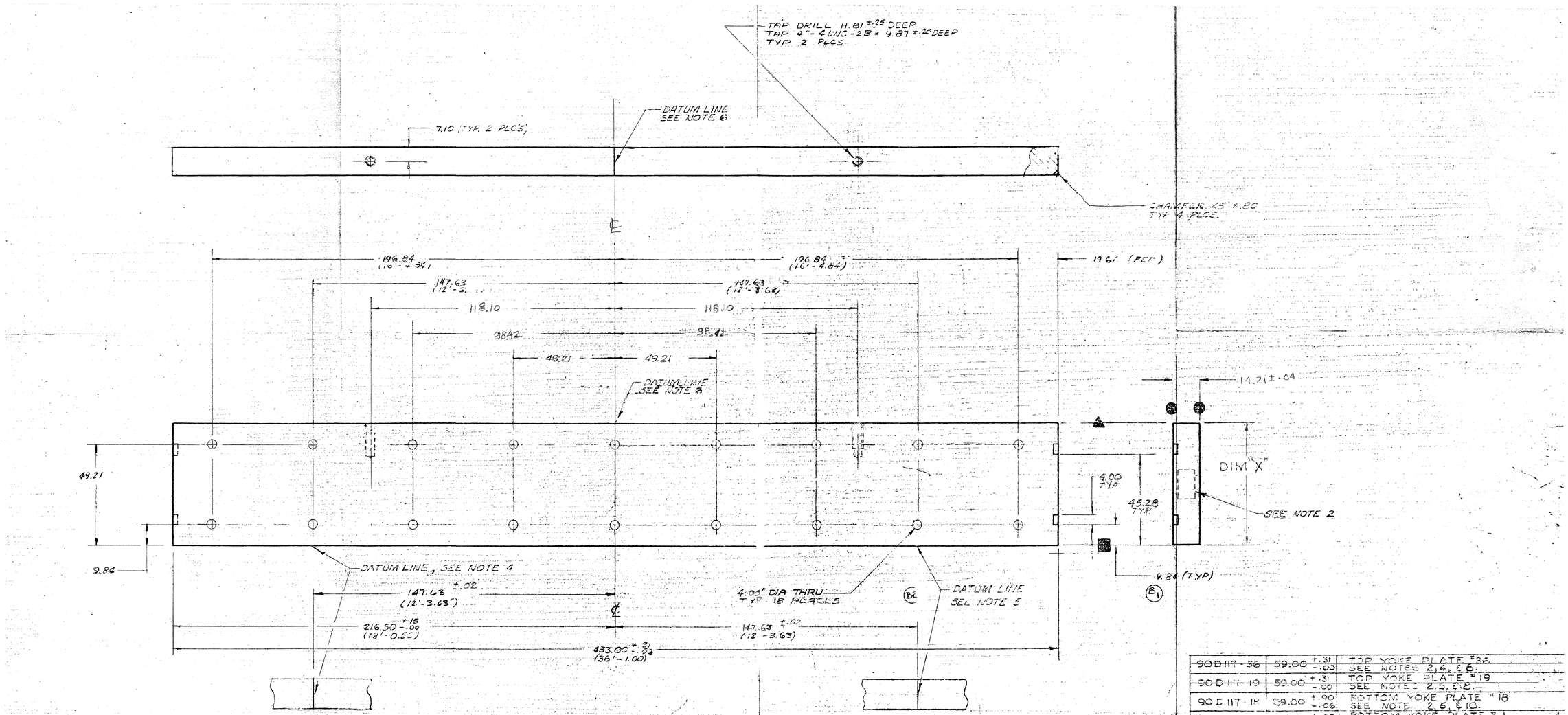
REVISIONS			
B1	(1) DIMENSION [illegible] RELOCATED (2) EXTENSION LINE REMOVED FOR CLARITY RELEASED [illegible] DATE [illegible]	H. [illegible] MAS	5-4-63
		R. MILLER	5-15-63

MATERIAL

FORGED MAGNET STL. PER SPEC. 4500-90-4-52

REVISIONS					
SYM	ZONE	DESCRIPTION		DATE	APP
C		CUT INTO LNS FORMAT.	RBB	3-12-86	



NEXT ASS'Y 90E147		
PART Nº	DIM "X"	DESCRIPTION
90D117-36	59.00 +.31 -.00	TOP YOKE PLATE #36 SEE NOTES 2, 4, & 6.
90D117-19	59.00 +.31 -.00	TOP YOKE PLATE #19 SEE NOTES 2, 5, & 8.
90D117-18	59.00 +.00 -.06	BOTTOM YOKE PLATE #18 SEE NOTE 2, 6 & 10.
90D117-1	59.00 +.00 -.06	BOTTOM YOKE PLATE #1 SEE NOTES 2, 6, & 10.

6. INSCRIBE DATUMLINE (.020 WIDE × .020 DEEP) ON BOTTOM YOKE PLATES 1 & 18 AT LOCATION SHOWN.
5. INSCRIBE DATUMLINE (.020 WIDE × .020 DEEP) ON TOP YOKE PLATE 19 AT LOCATION SHOWN.
4. INSCRIBE DATUMLINE (.020 WIDE × .020 DEEP) ON TOP YOKE PLATE 36 AT LOCATION SHOWN.
3. 250/ FINISH ALL SURFACES
2. DASH NUMBER TO BE STENCILED USING WHITE PAINT WITH 6" HIGH NUMBERS BOTH ENDS AT LOCATION SHOWN.

NOTES

10. SURFACE MARKED ▲ TO BE FLAT WITHIN .020 TIR IN 36'-1" PLATES 1 & 18.
9. PARTS TO BE SQUARE AND TRUE AS REQ'D TO MEET ASS'Y DIMENSIONS AS SHOWN ON DWG. 90 E 147.
8. SURFACE MARKED ■ TO BE FLAT WITHIN .020 TIR IN 36'-1" PLATES 19 & 36.
7. SURFACES MARKED ● TO BE FLAT AND PARALLEL WITHIN .020 TIR IN 36'-1"

SEE 6052-303

SHOP NOTES	DO NOT SCALE THIS DRAWING	600 MeV SYNCHROCYCLOTRON MAGNET YOKE PLATES 1, 18, 19, 36
UNLESS OTHERWISE SPECIFIED 1. TOLERANCES ON DIMENSIONS ±.03 2. BREAK EDGES .1 X 45° 3. REMOVE BURRS 3. 30° CHAMFER ENDS OF ALL SCREW THREADS. 4. 1½ PITCH THREAD RELIEF WITH ROUND NOSE TOOL ON MACH. CUT SCREW THREADS.	SCALE 1/2" = 1'-0" DATE 8-2-82 DRAWN BY B. Schmieder CHECKED BY JOB NUMBER 4500-90-4	WILLIAM M. BROBECK AND ASSOCIATES ENGINEERING RESEARCH — DESIGN — DEVELOPMENT 1920 PARK BLVD. OAKLAND, CALIFORNIA DRAWING NUMBER 90 D 117 B NASA NO. LD-503624

ITEM	DWG. NO.	DESCRIPTION	Q1	Q2	Q3	REMARKS	REV
			QUANTITY				

6052-304 F

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ON: 2 PLACE DECIMALS ±, 3 PLACE DECIMALS ±, FRACTIONS ±, ANGLES ±, ALL SURFACES

CORNELL UNIVERSITY, ITHACA, NY
LABORATORY OF NUCLEAR STUDIES

MAGNET YOKE STEEL
(CLEO II MK 4 MAGNET STEEL)

DRAWN BY	DESIGN FOR	DATE	SCALE		
SCHMIEDER	NORDBERG ENG.	3-12-86	~	D	6052-301 SH. NO. 6 CONT. ON F

PRINTS TO: CL-1 EH-1