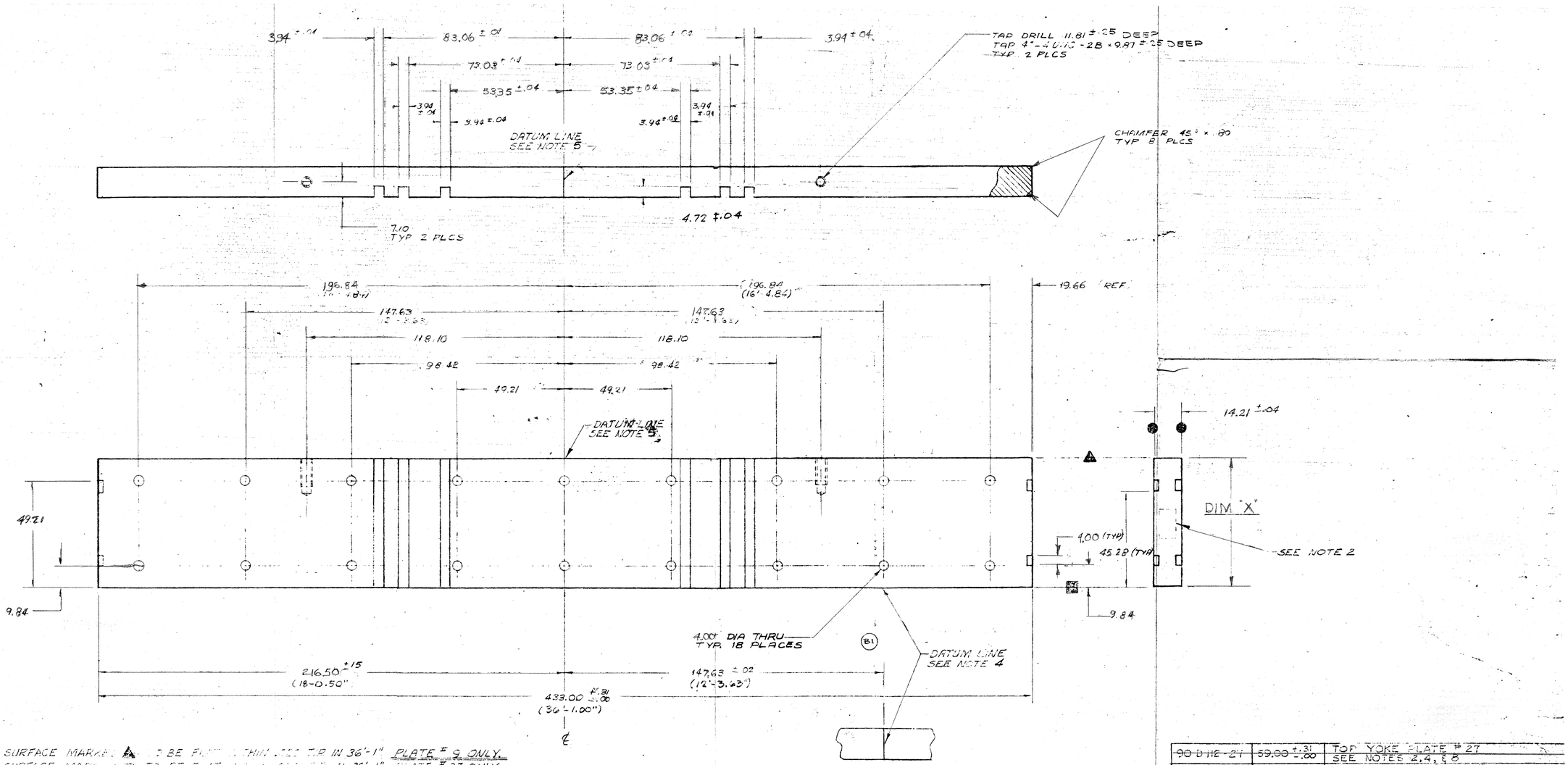
REVISIONS				
SYM	ZONE	DESCRIPTION	BY CHK	DATE DATE
B		(1) EXTENSION LINE REMOVED FOR CLARITY. RELEASED CT Wilson DATE 3-14-63	A. DRAKE	3-14-63

MATERIAL

FORGED MAGNET STL PER SPEC. 4500-90-4-S2

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



9. SURFACE MARKED ▲ TO BE FLAT WITHIN .010 TIR IN 36'-1" PLATE # 9 ONLY.
5. SURFACE MARKED ◎ TO BE FLAT WITHIN .010 TIR IN 36'-1" PLATE # 27 ONLY.
7. PARTS TO BE [illegible] AND TRUE MACHINED TO MEET ASS'Y DIMENSIONS AS SHOWN ON DWG 90 E 147.
6. SURFACES MARKED ⊕ TO BE FLAT AND PARALLEL WITHIN .010 IN 36'-1" TIR.
5. INSCRIBE DATUMLINE (.010 WIDE × .020 DEEP) ON BOTTOM YOKE PLATE 9 AT LOCATION SHOWN.
4. INSCRIBE DATUMLINE (.010 WIDE × .020 DEEP) ON TOP YOKE PLATE 27 AT LOCATION SHOWN.
3. ⊘ FINISH ALL SURFACES.
2. DASH NUMBER TO BE STENCILED USING WHITE PAINT WITH 6" HIGH NUMBERS, BOTH ENDS AT LOCATION SHOWN.

NOTES:

PART Nº	DIM "X"	DESCRIPTION
~~90 D 112-27~~	~~59.00 +.31 -.00~~	TOP YOKE PLATE # 27 SEE NOTES 2, 4, & 8
90 D 112-9	59.00 +.02 -.00	BOTTOM YOKE PLATE # 9 SEE NOTES 2, 5, & 9

NEXT ASS'Y 90 E 147

SHOP NOTES		
UNLESS OTHERWISE SPECIFIED 1. TOLERANCES ON DIMENSIONS ± .34 2. BREAK EDGES REMOVE BURRS. 3. 30° CHAMFER ENDS OF ALL SCREW THREADS. 4. 1½ PITCH THREAD RELIEF WITH ROUND NOSE TOOL ON MACH. CUT SCREW THREADS.	DO NOT SCALE THIS DRAWING; SCALE 1/2" = 1'-0"; DATE 8-2-62; DRAWN BY B. Schmieder; CHECKED BY J. M. Jaszczak; JOB NUMBER 4500-90-4	600 MeV SYNCHROCYCLOTRON MAGNET YOKE PLATES 9 & 27

WILLIAM M. BROBECK AND ASSOCIATES
ENGINEERING RESEARCH — DESIGN — DEVELOPMENT
1920 PARK BLVD. OAKLAND, CALIFORNIA

DRAWING NUMBER 90 D 112 B — NASA NO. LD-50367

SEE 6052-303

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

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 MK4 MAGNET YOKE)

DRAWN BY	DRAWN FOR	DATE	SCALE		DWG. NO.	REV.
SCHMIEDER	NORDBERG	3-12-86	~	D	6052-304 SH. NO. 1 CONT. ON 2	C

PRINTS TO: CL-1 EL-1

D 6052-304 SH. NO. 1 CONT. ON 2 REV. C