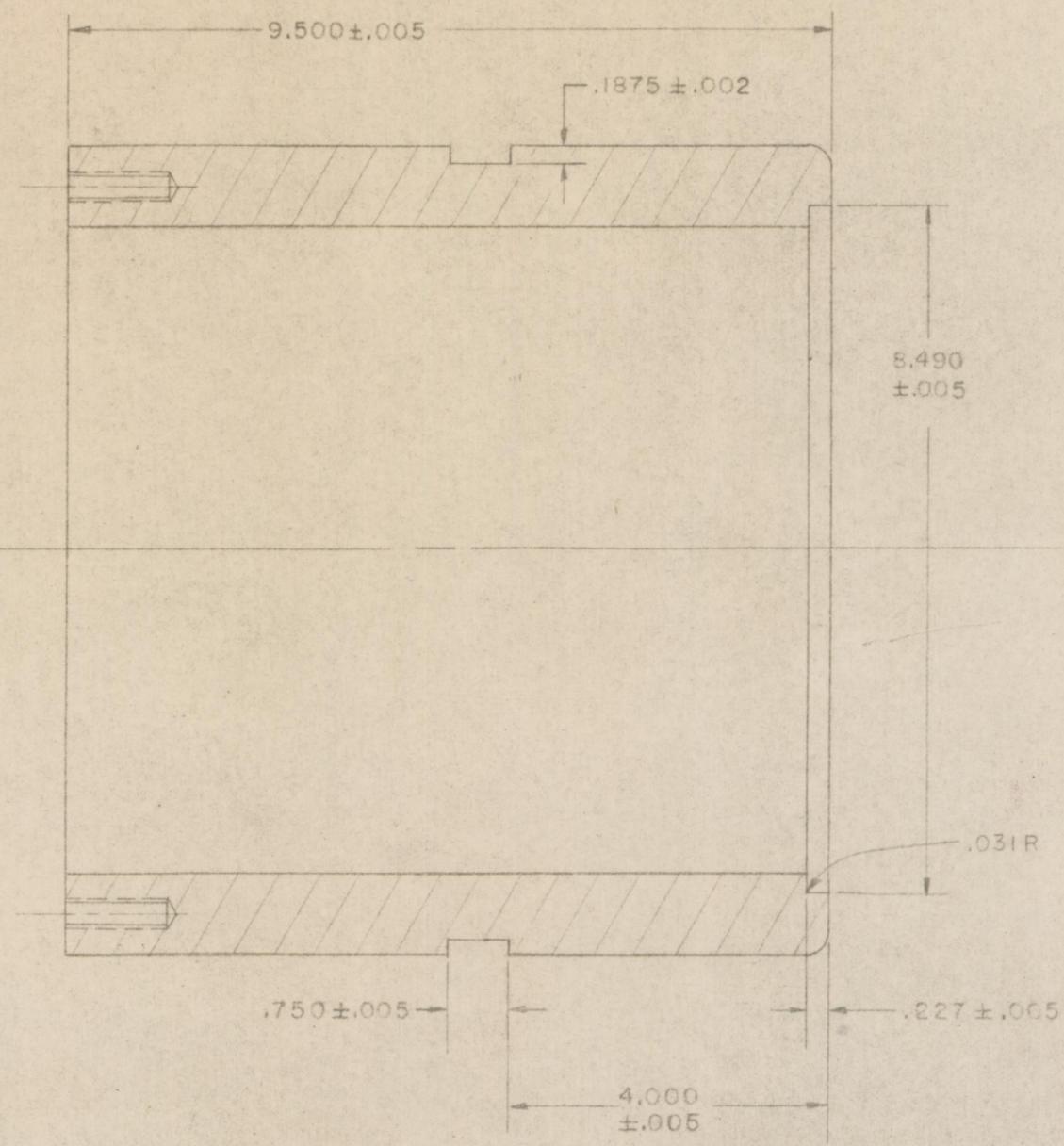
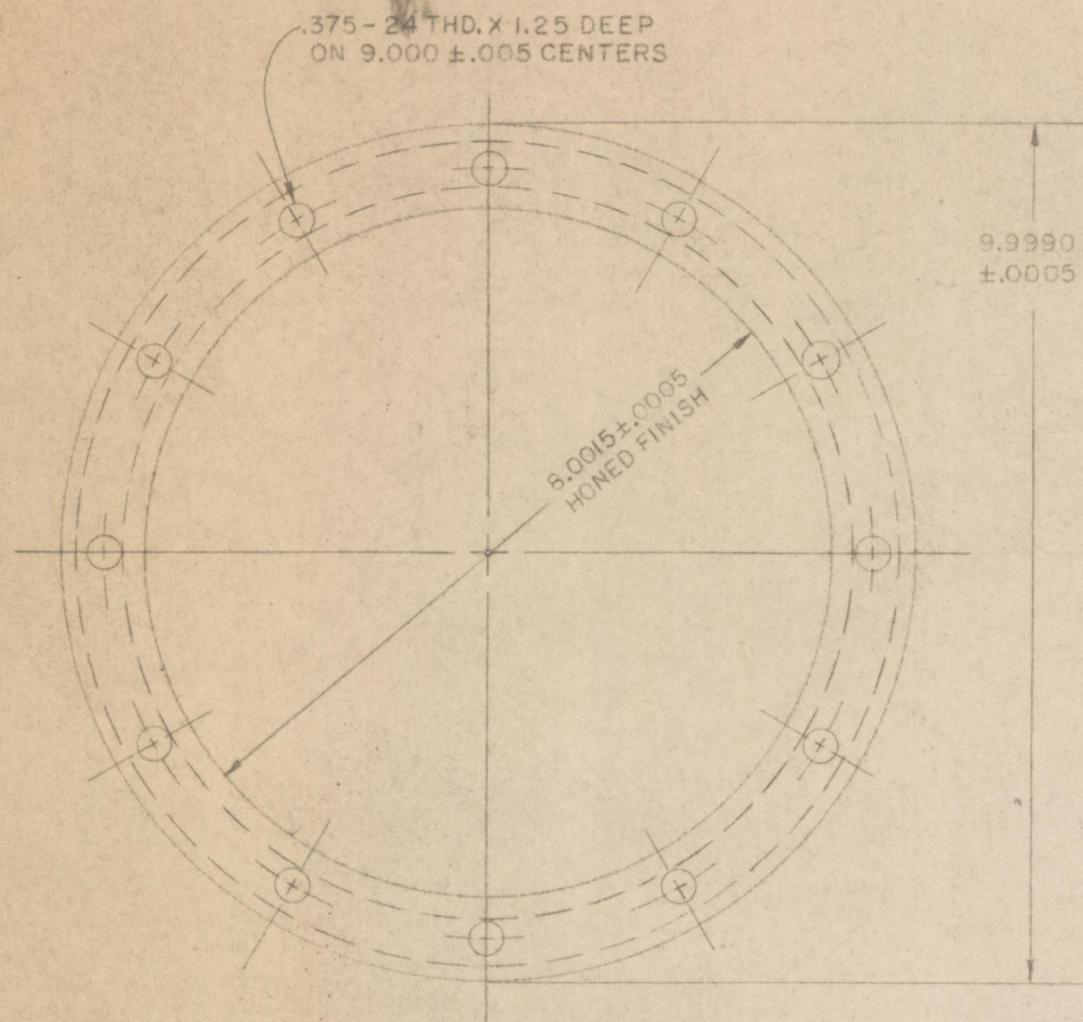


300 TON X-RAY PRESS  
ANVIL GUIDE PIN  
4 EACH REQUIRED

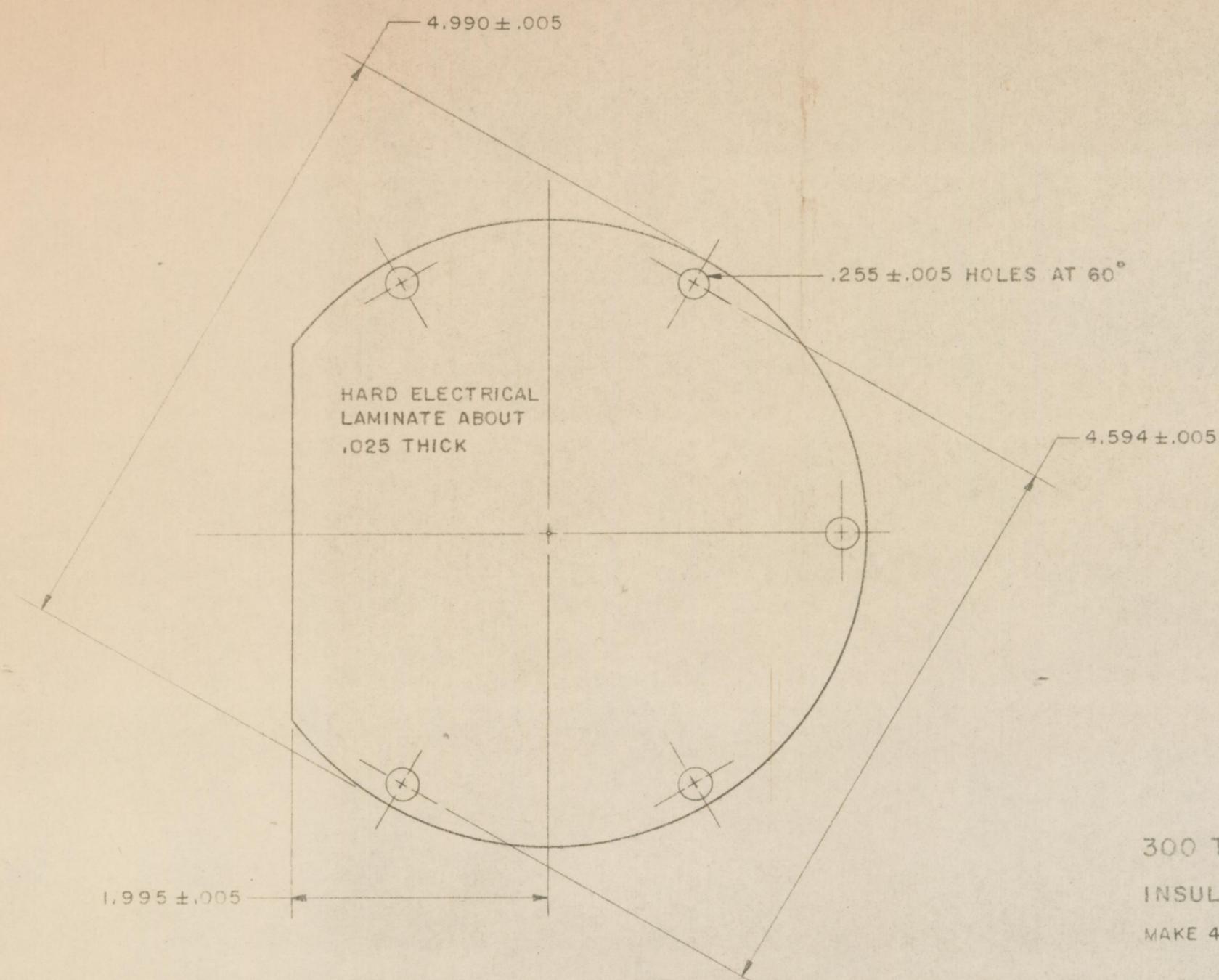
*H. Tracy Hall* 30 APRIL 1965



300 TON X-RAY PRESS  
CYLINDER

MAKE 4 OF HYDRAULIC CYLINDER TUBING  
4140 OR 4340 STEEL  $R_c 45 \pm 3$  CADMIUM PLATE OUTSIDE

*H. Tracy Hall* 27 APRIL 1965



HARD ELECTRICAL  
LAMINATE ABOUT  
.025 THICK

.255 ± .005 HOLES AT 60°

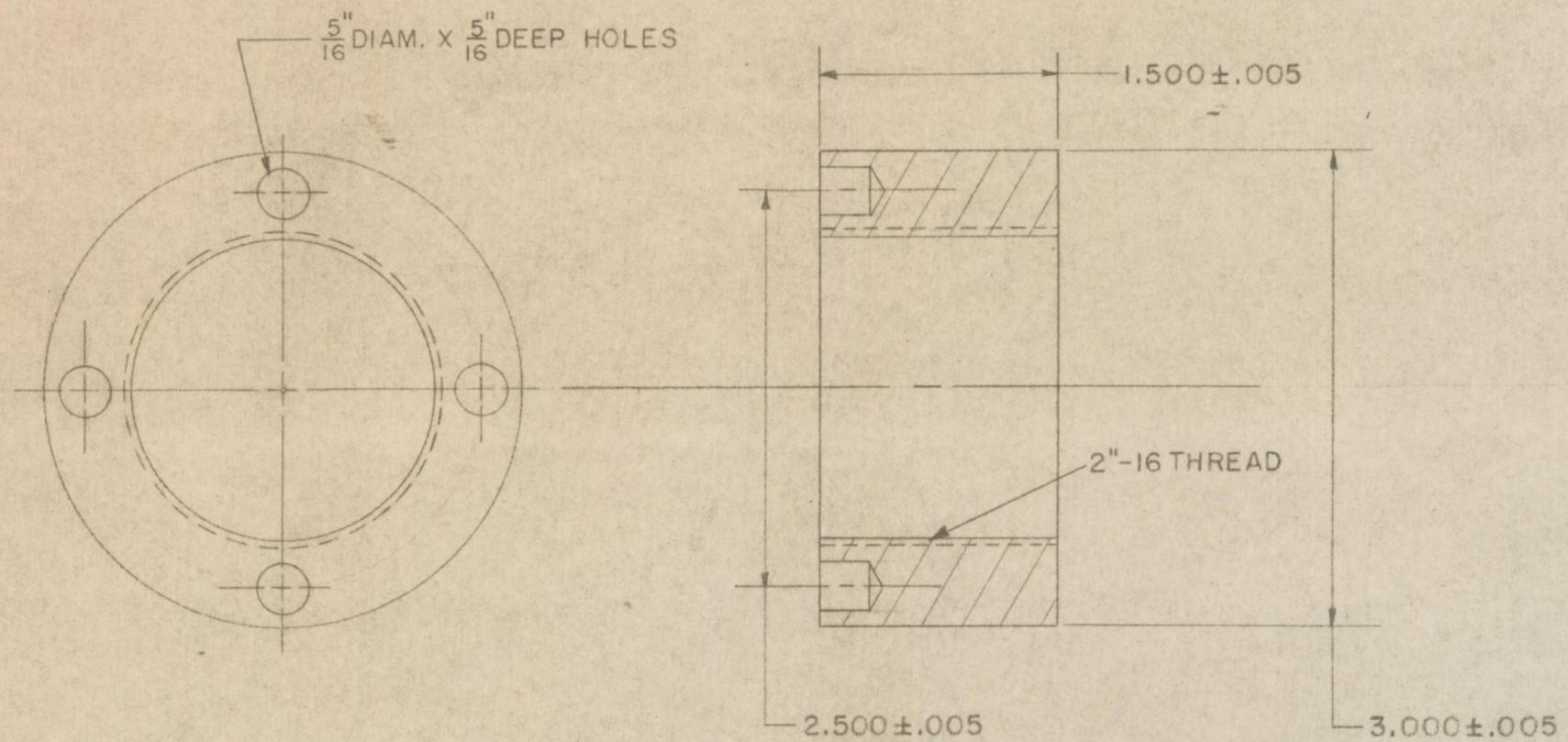
4.990 ± .005

4.594 ± .005

1.995 ± .005

300 TON X-RAY PRESS  
INSULATING DISK  
MAKE 4 EACH

*H. Tracy Hall* 1 MAY 1965



300 TON X-RAY PRESS

PISTON NUT

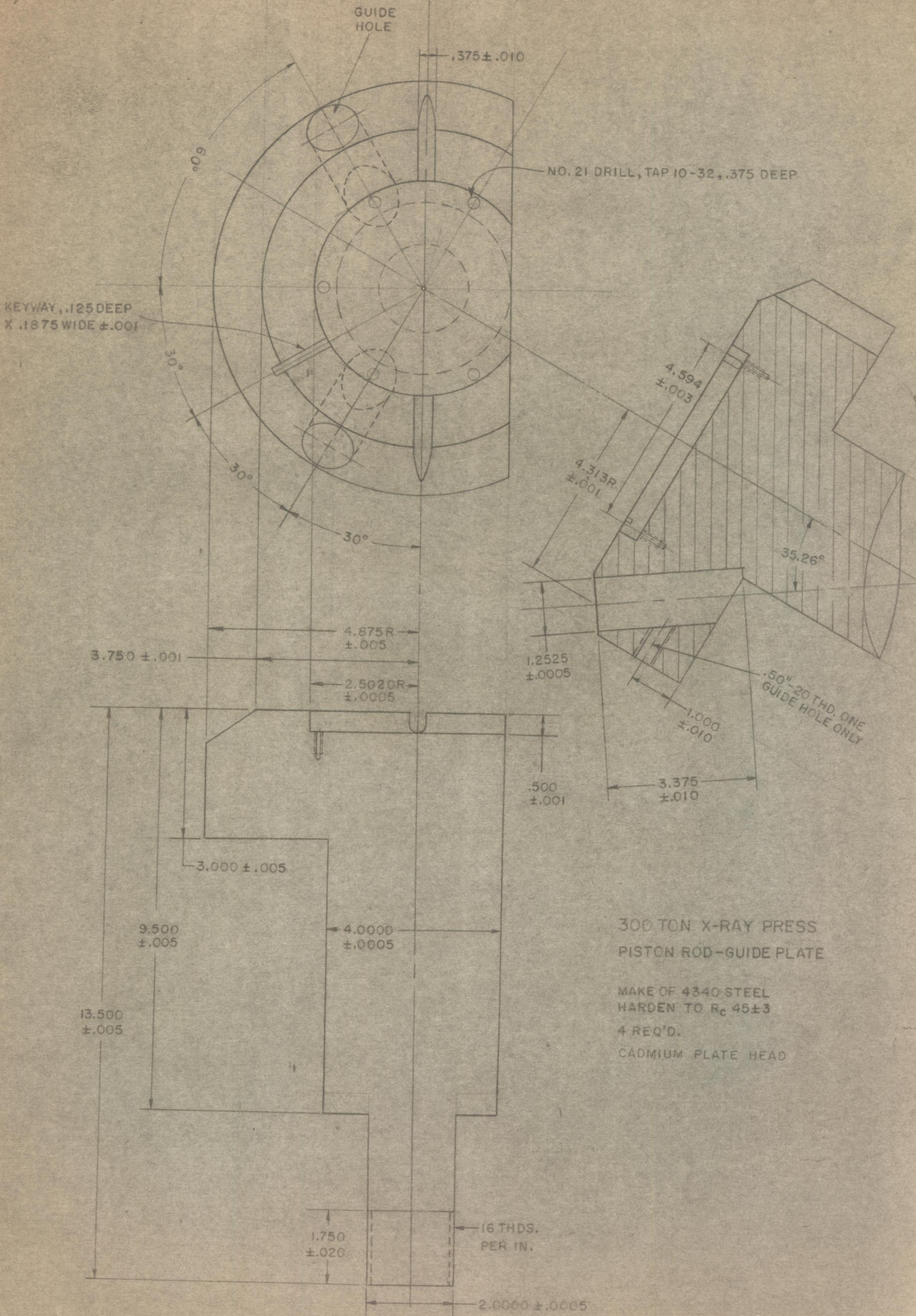
MAKE 4 EACH OF 4340 STEEL R<sub>c</sub> 28-32

*H. Tracy Hall* 30 APRIL 1965

Tetrahedral X-ray Press, 300 Ton  
 Piston-Rod-guide-Plate detail  
 H. Tracy Hall, October 28, 1964

1"

modified April 22, 1965



300 TON X-RAY PRESS  
 PISTON ROD-GUIDE PLATE

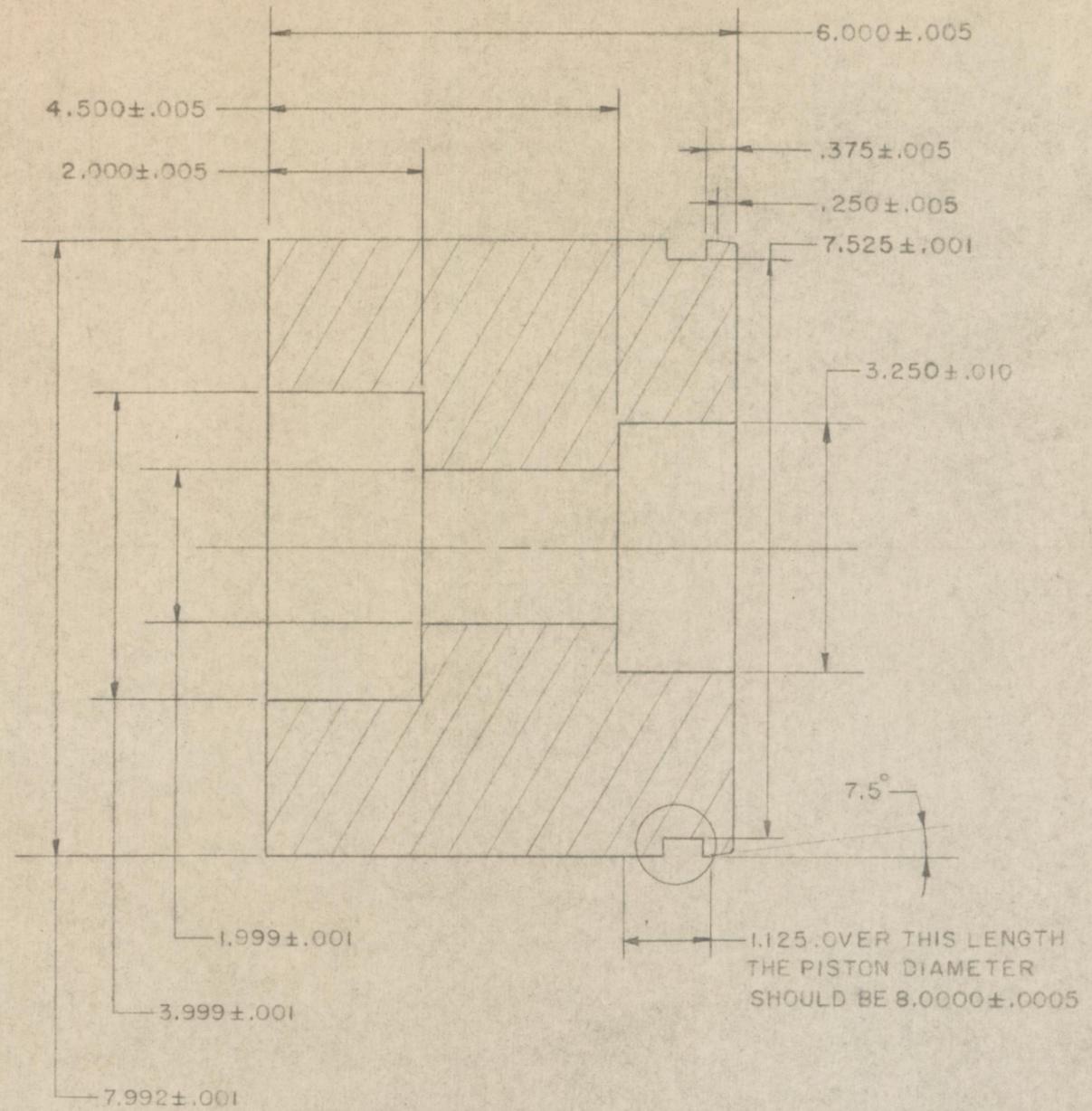
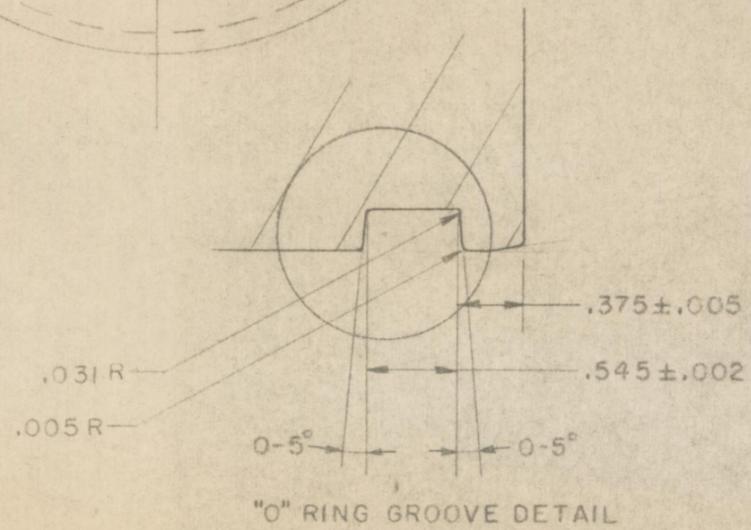
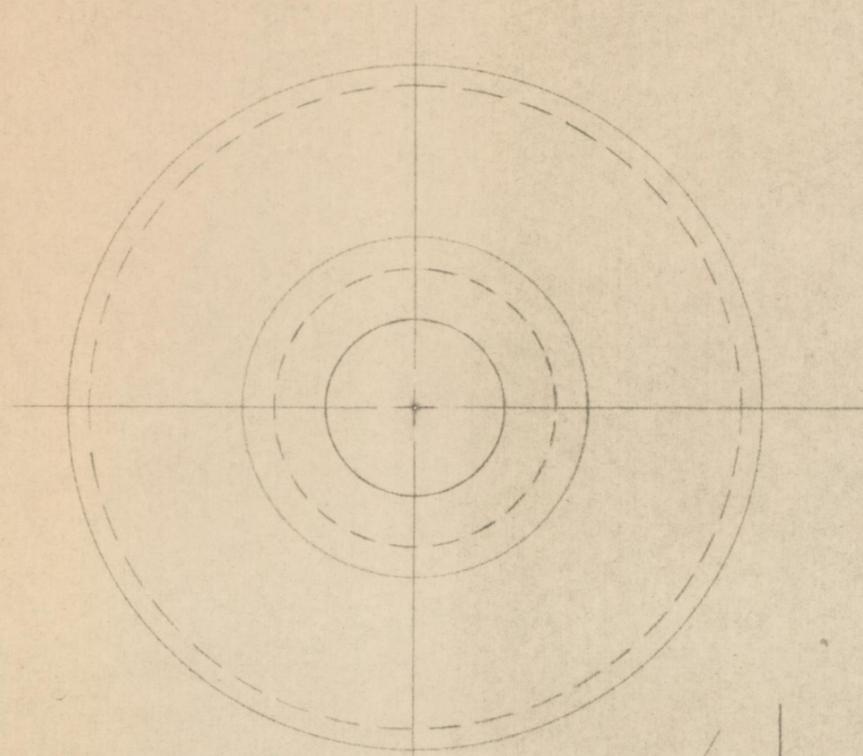
MAKE OF 4340 STEEL  
 HARDEN TO R<sub>c</sub> 45 ± 3  
 4 REQ'D.  
 CADMIUM PLATE HEAD

300 TON X-RAY PRESS

PISTON

*H. Tracy Hall* 25 APRIL 1965

MAKE OF 4340 STEEL  $R_c 57 \pm 2$   
4 REQ'D.



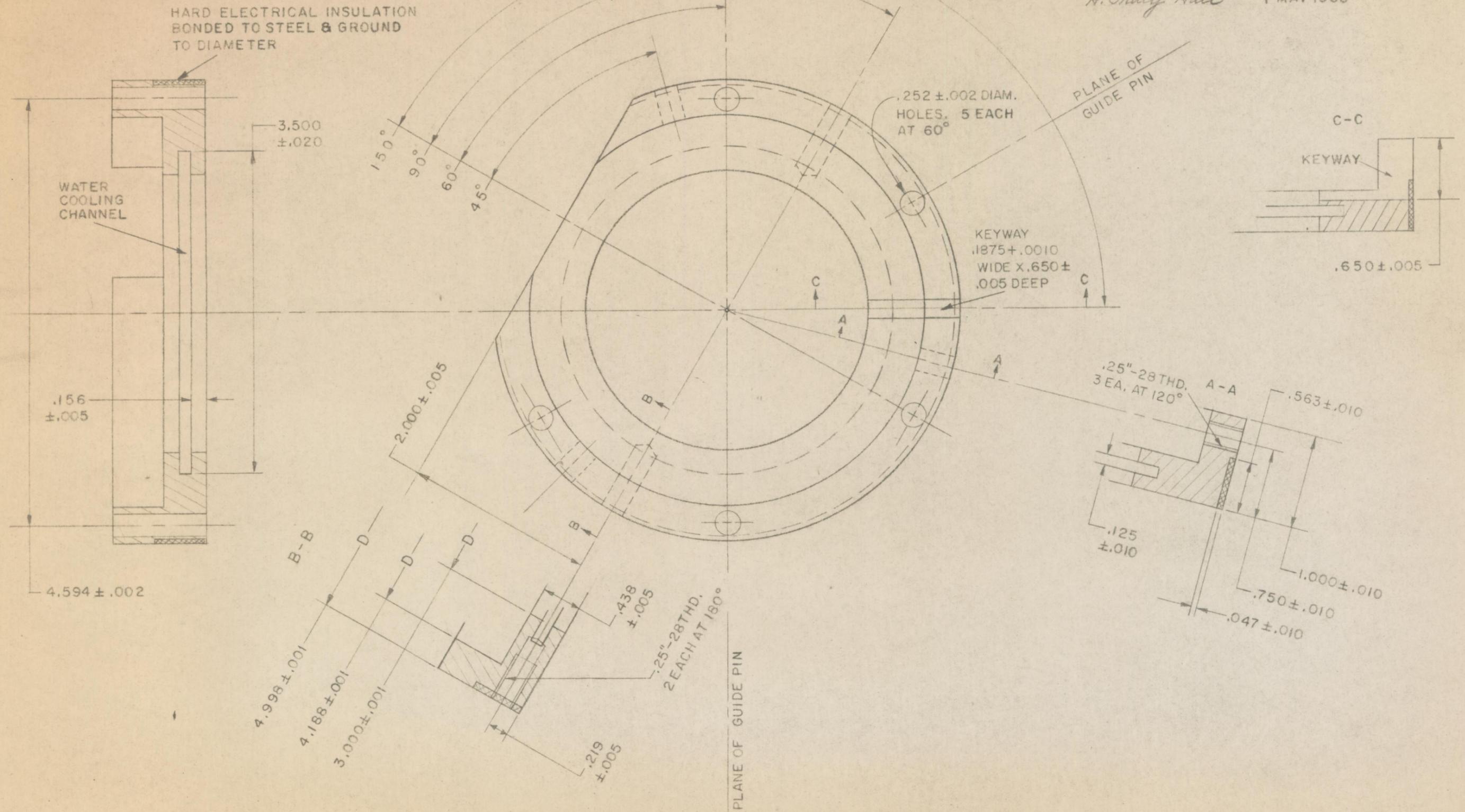
300 TON X-RAY PRESS

POSITIONER

MAKE 4 EACH OF 4340 STEEL R<sub>c</sub> 29-32  
CADMIUM PLATE

*H. Tracy Hall*

1 MAY 1965



MAKE 2 BASES WITH HOLES "A" RT. HND. THRD,  
AND WITH HOLE "B" LEFT HAND THREAD.

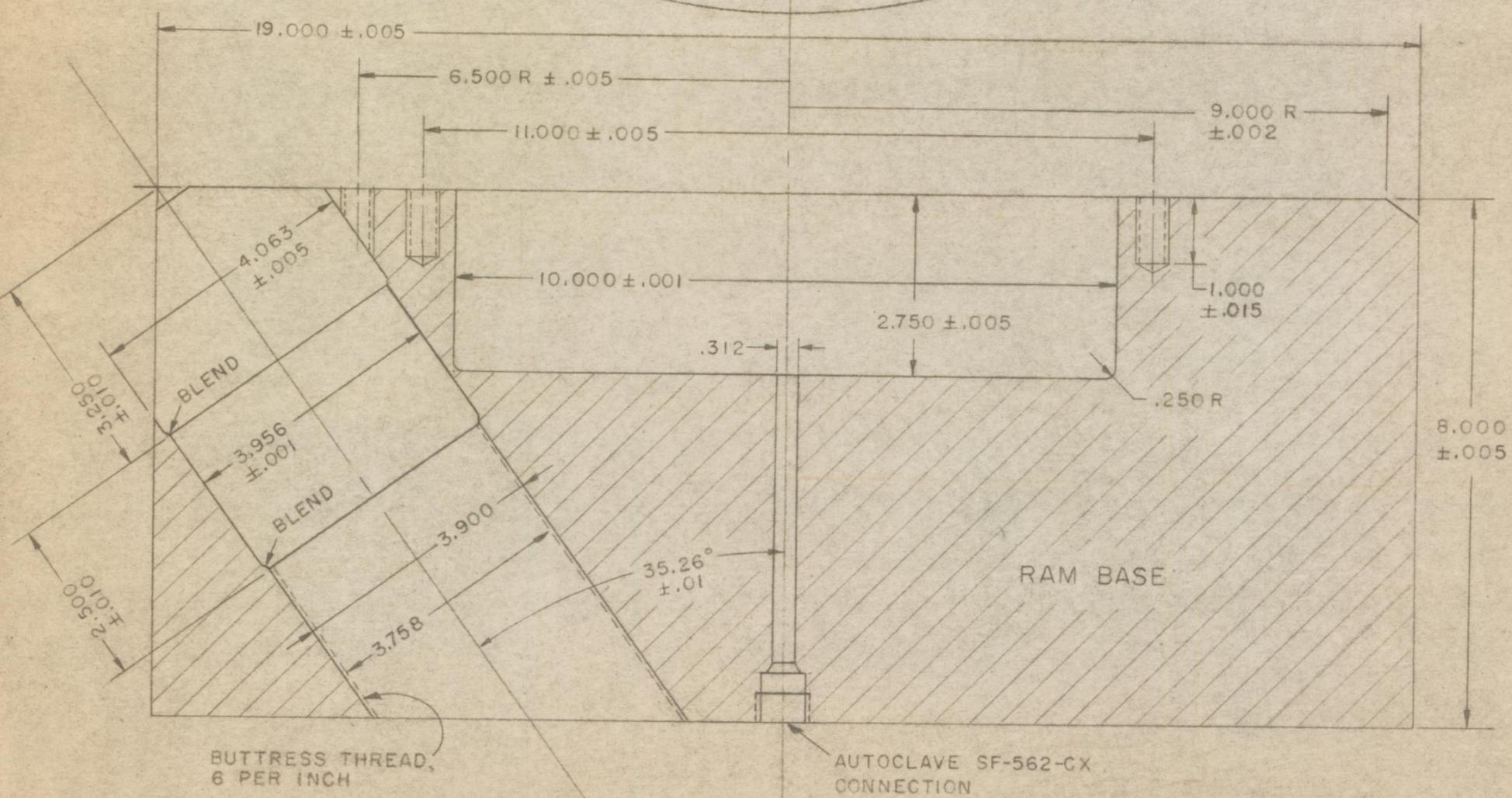
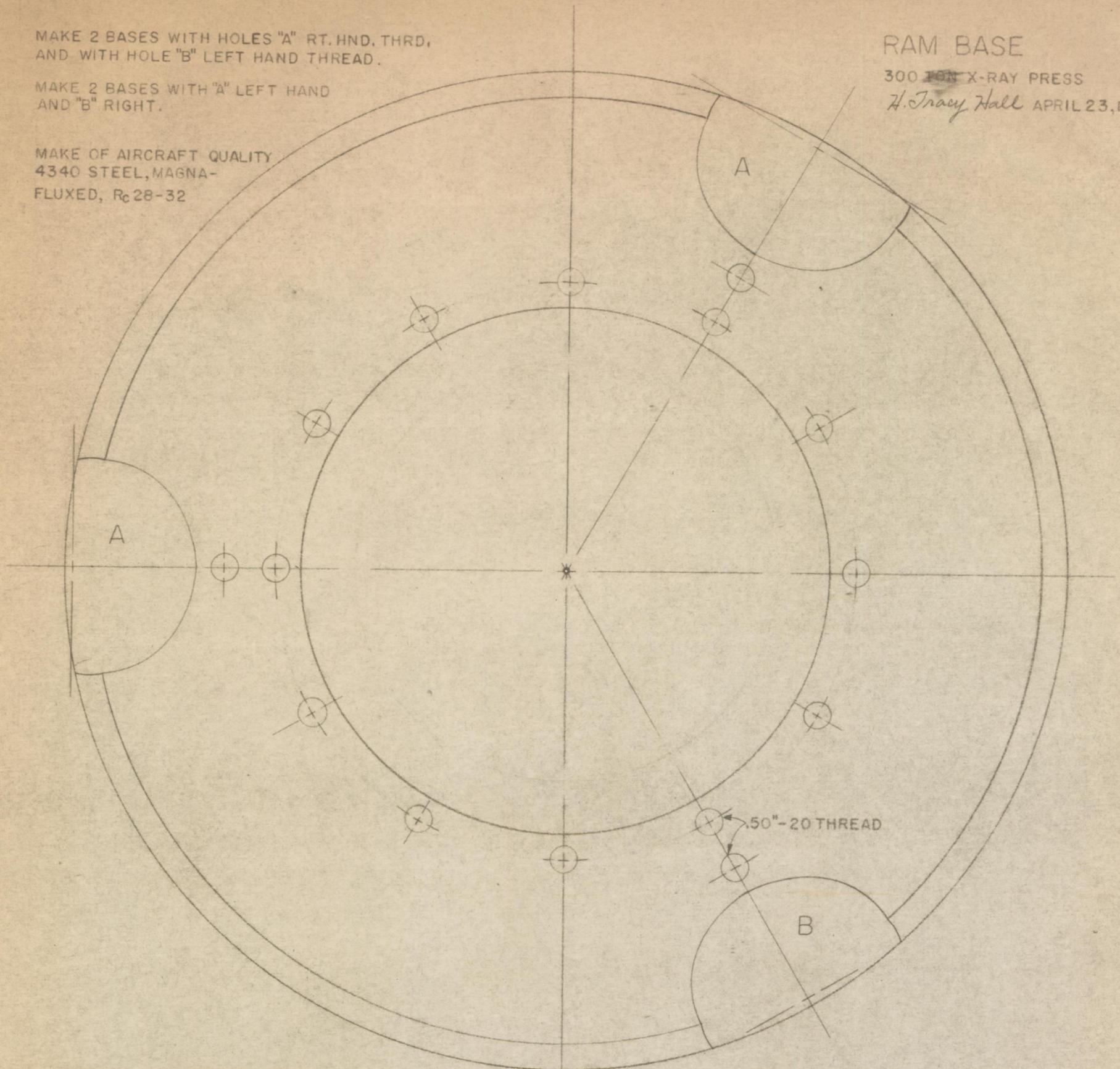
MAKE 2 BASES WITH "A" LEFT HAND  
AND "B" RIGHT.

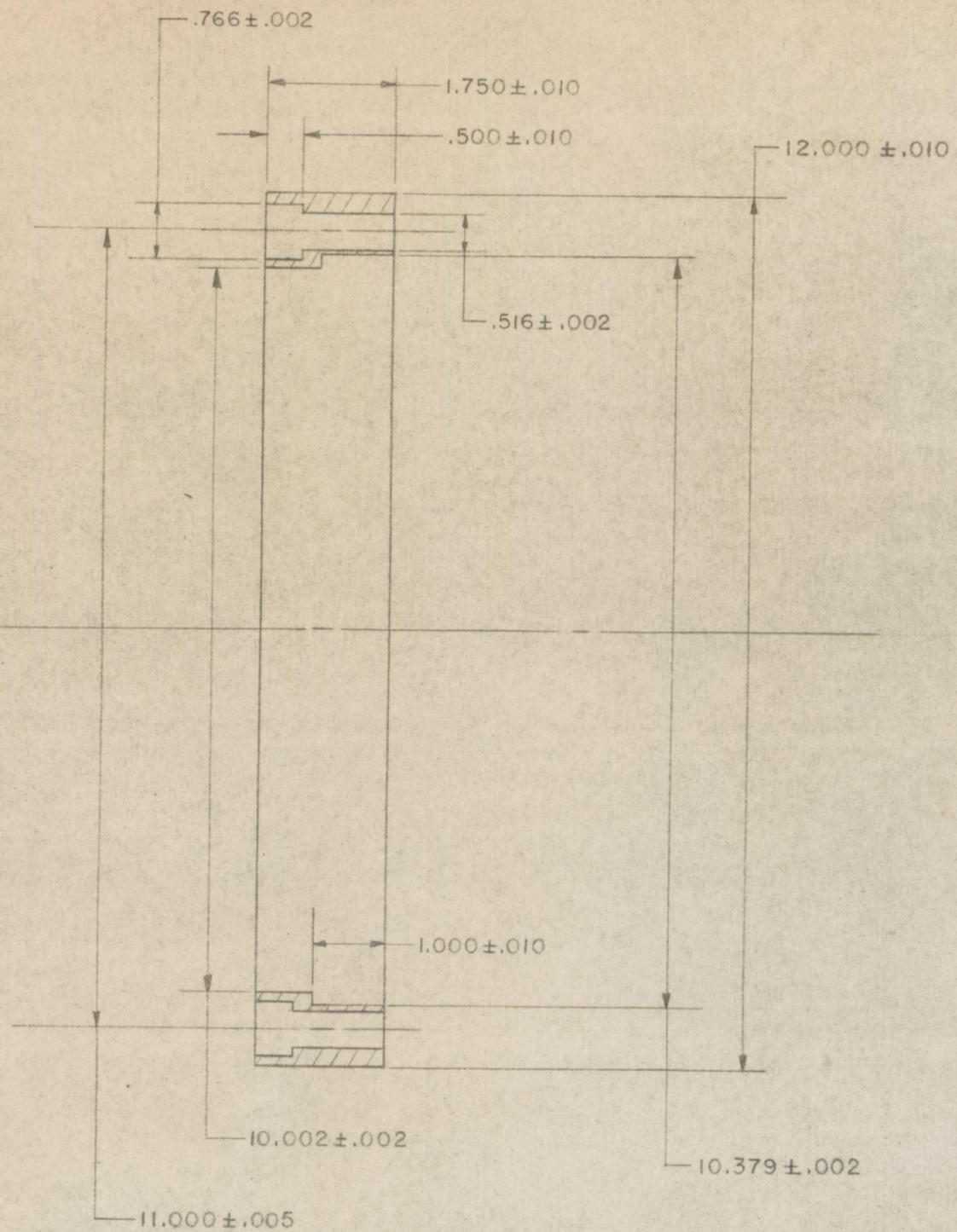
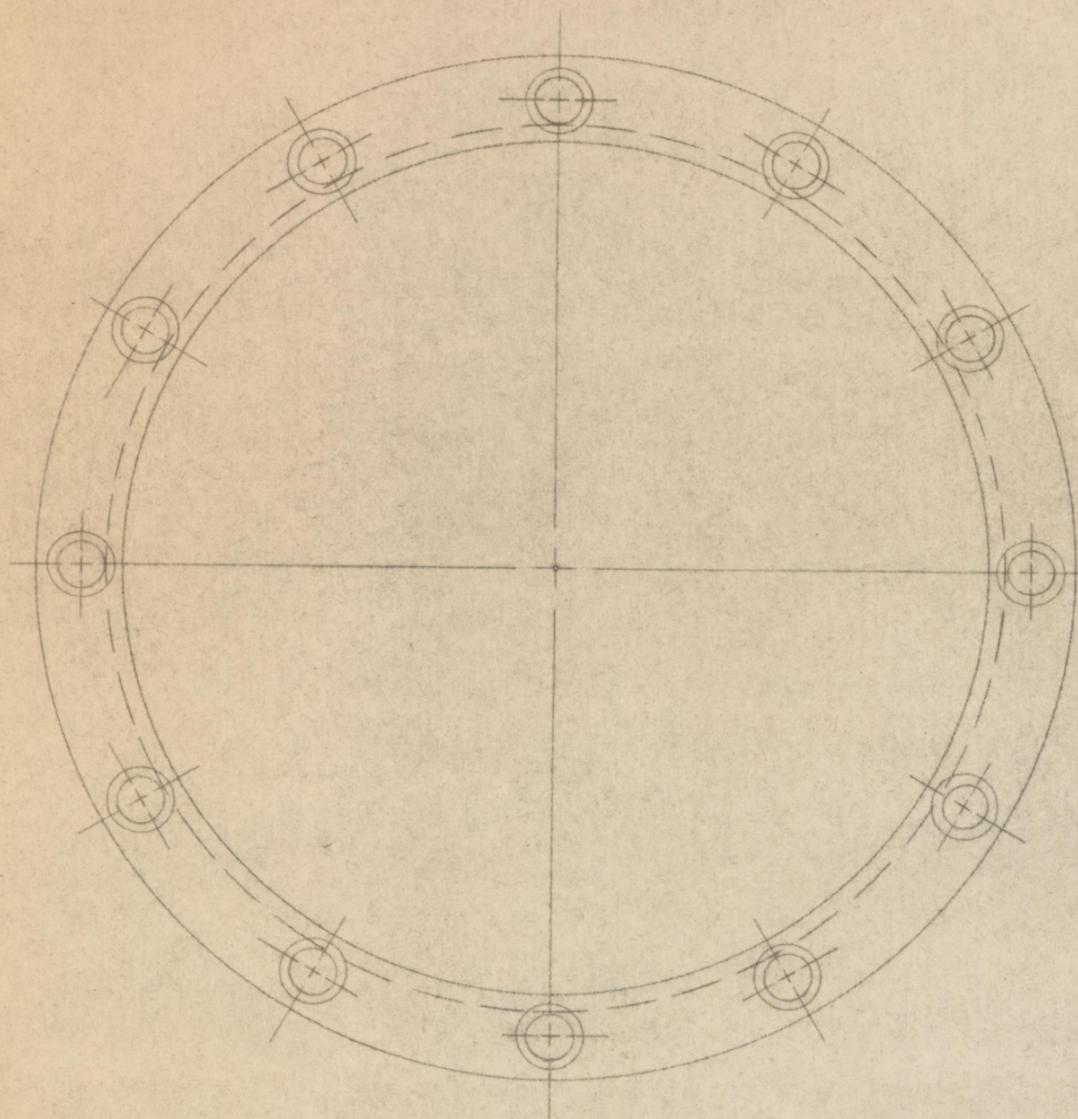
MAKE OF AIRCRAFT QUALITY  
4340 STEEL, MAGNA-  
FLUXED, R<sub>c</sub> 28-32

# RAM BASE

300 ~~TON~~ X-RAY PRESS

*H. Tracy Hall* APRIL 23, 1965



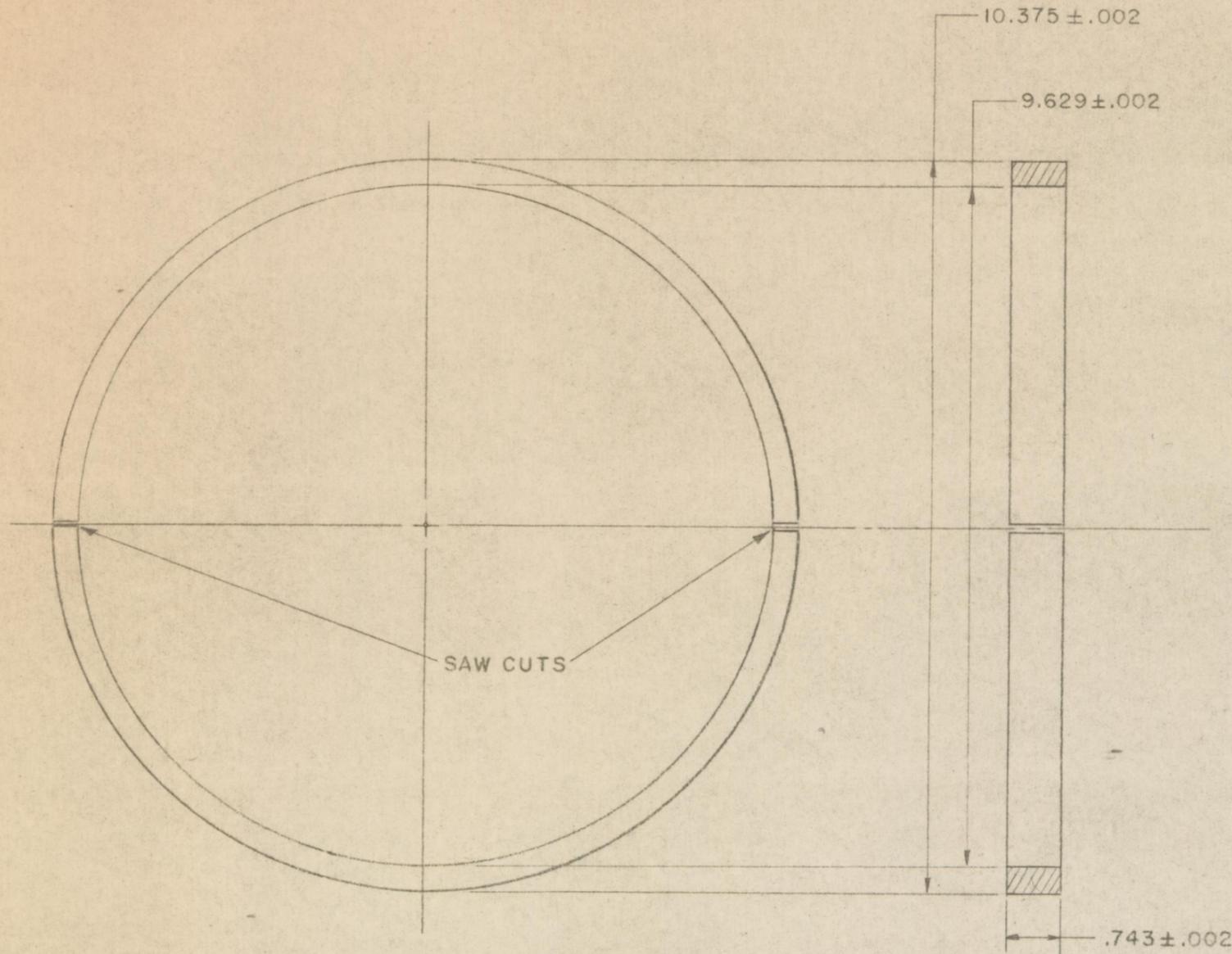


300 TON X-RAY PRESS

RETAINER RING

MAKE 4 EACH OF 4340 STEEL R<sub>c</sub> 28-32. CADMIUM PLATE

*H. Tracy Hall* 30 APRIL 1965

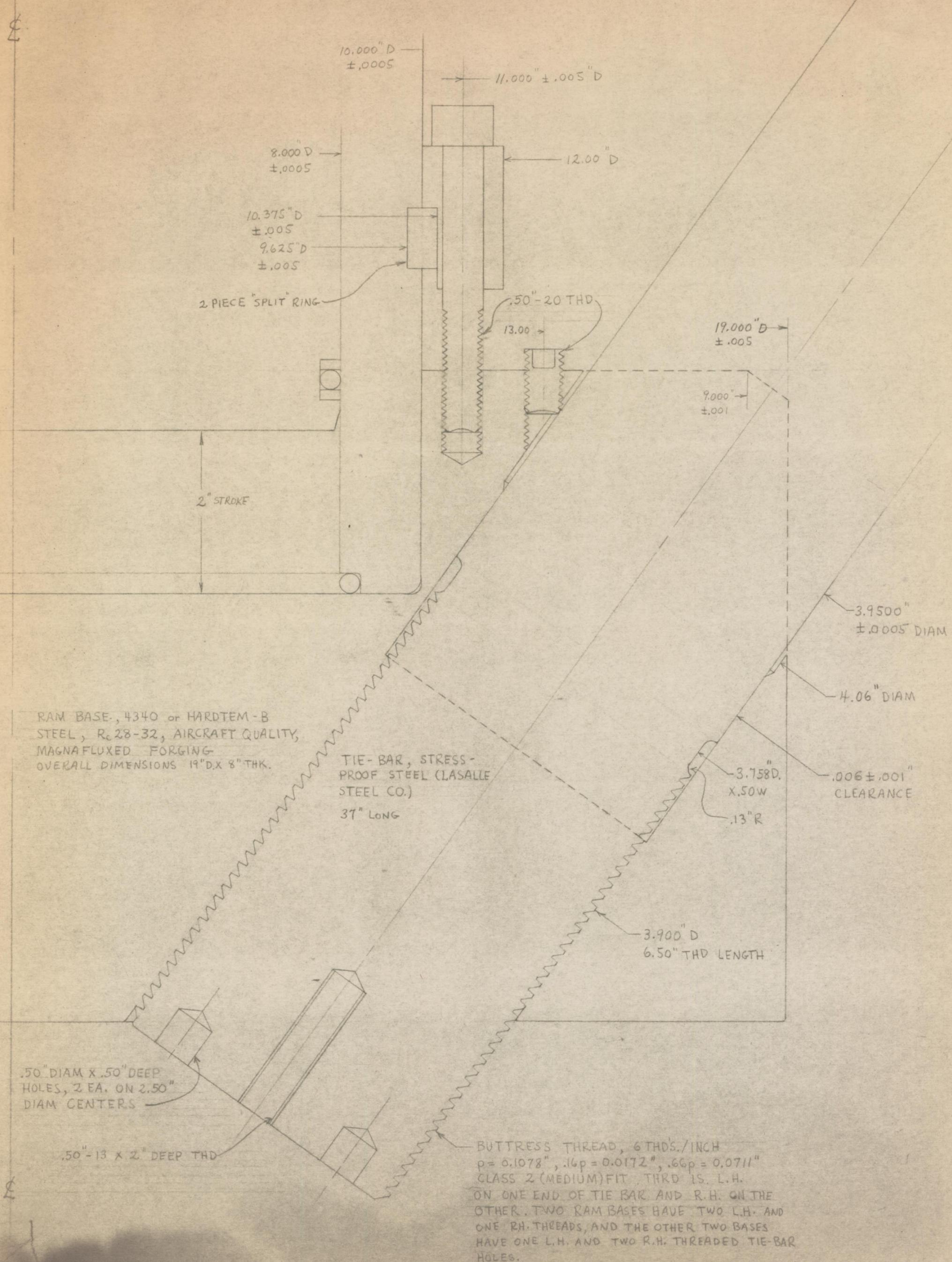


300 TON X-RAY PRESS  
SPLIT RING  
MAKE 4 OF 4340 STEEL R<sub>c</sub> 28-32  
*H. Tracy Hall* 29 APRIL 1965

300TON X-RAY PRESS  
 H. Tracy Hall, April 20, 1965

THREAD DETAIL ON  
TIE-BAR & RAM BASE

ACTUAL SIZE



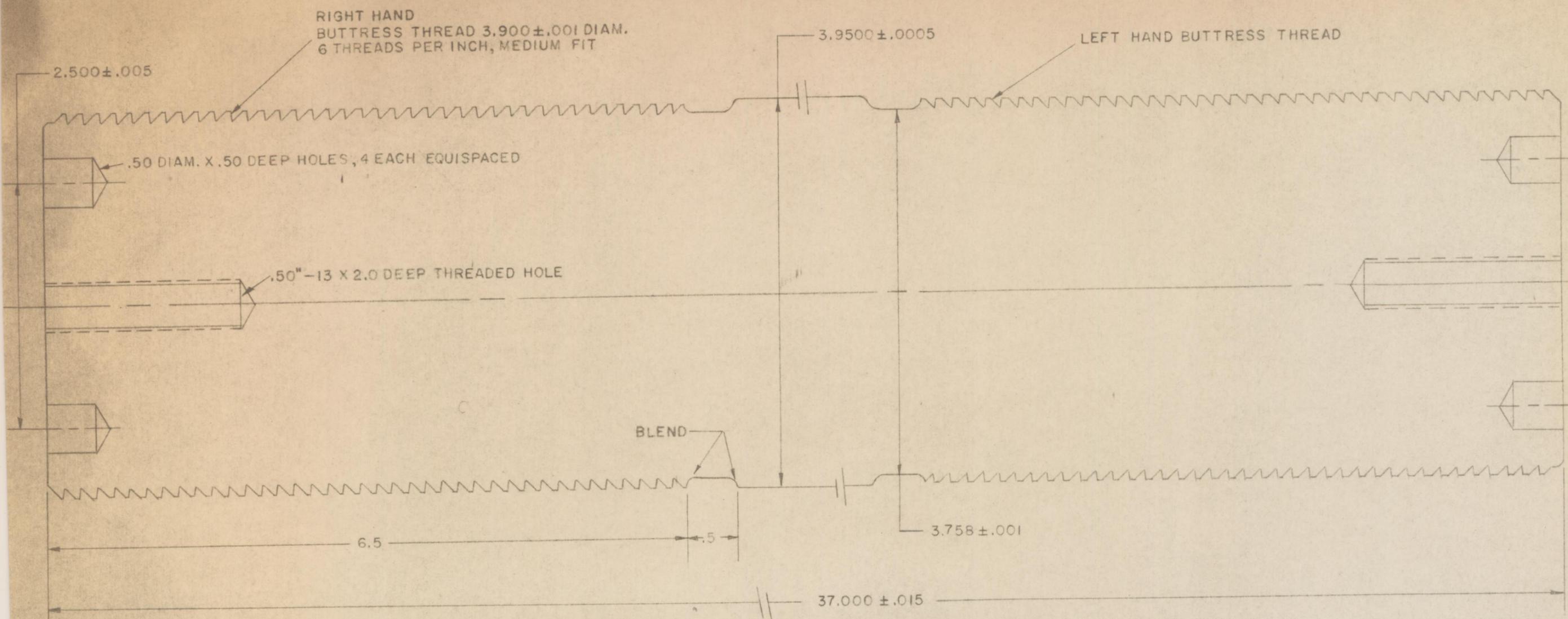
RAM BASE, 4340 or HARDTEM-B  
 STEEL, R<sub>c</sub> 28-32, AIRCRAFT QUALITY,  
 MAGNAFLUXED FORGING  
 OVERALL DIMENSIONS 19\"D.X 8\"THK.

TIE-BAR, STRESS-  
 PROOF STEEL (LASALLE  
 STEEL CO.)  
 37\" LONG

.50\" DIAM X .50\" DEEP  
 HOLES, 2 EA. ON 2.50\"  
 DIAM CENTERS

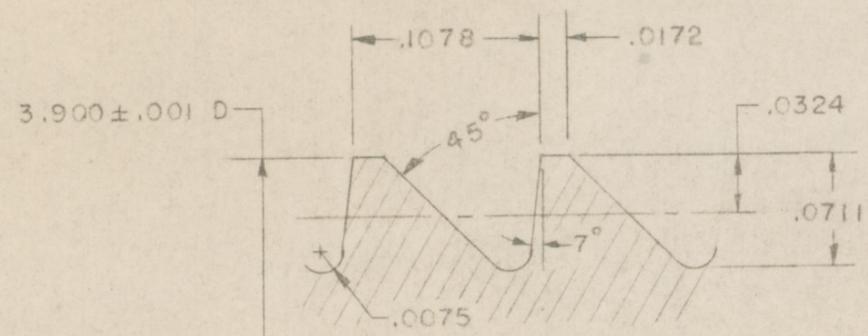
.50\"-13 X 2\" DEEP THD

BUTTRESS THREAD, 6 THDS./INCH  
 p = 0.1078\", .16p = 0.0172\", .66p = 0.0711\"  
 CLASS 2 (MEDIUM) FIT THRD IS. L.H.  
 ON ONE END OF TIE BAR AND R.H. ON THE  
 OTHER. TWO RAM BASES HAVE TWO L.H. AND  
 ONE R.H. THREADS, AND THE OTHER TWO BASES  
 HAVE ONE L.H. AND TWO R.H. THREADED TIE-BAR  
 HOLES.

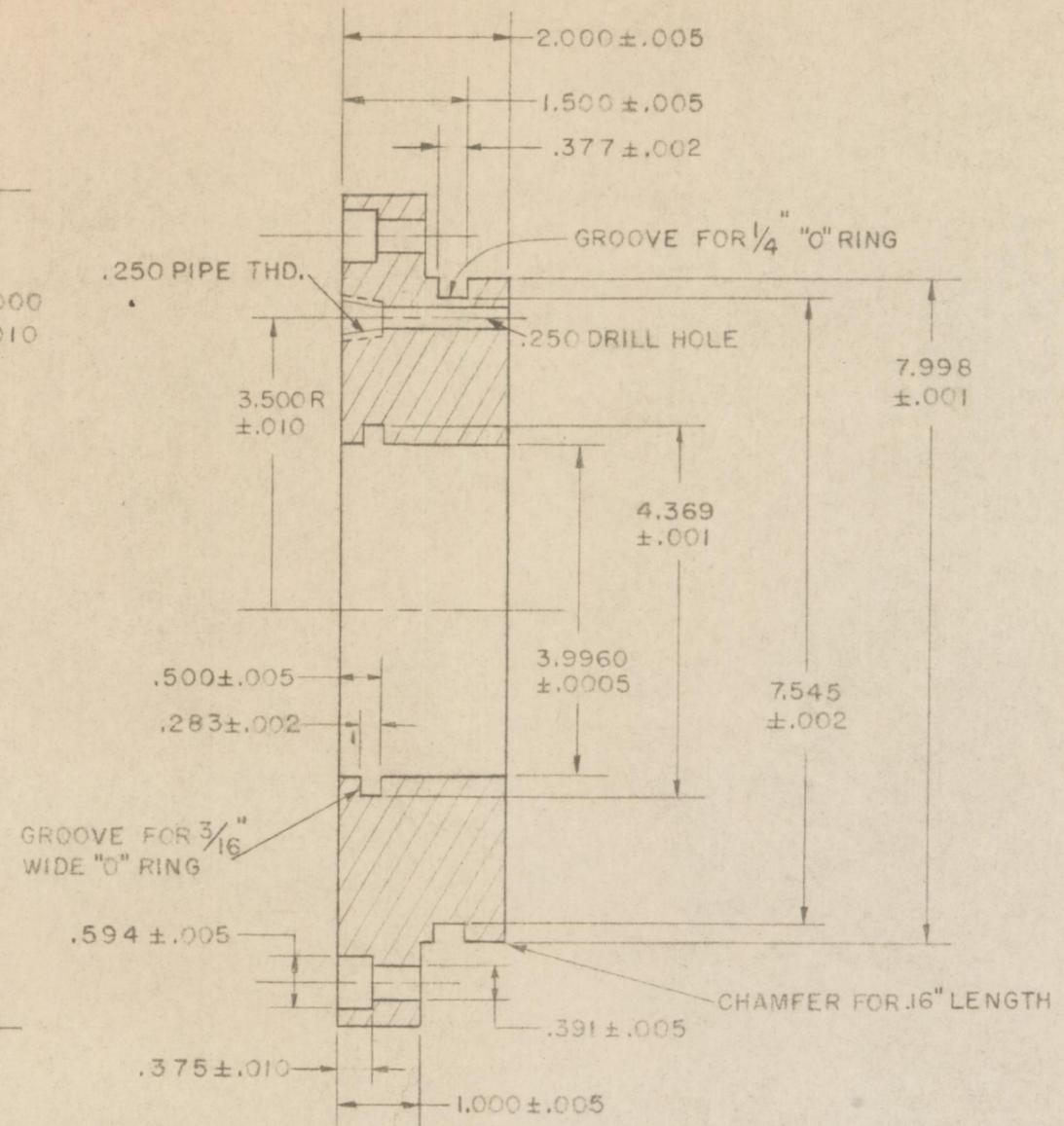
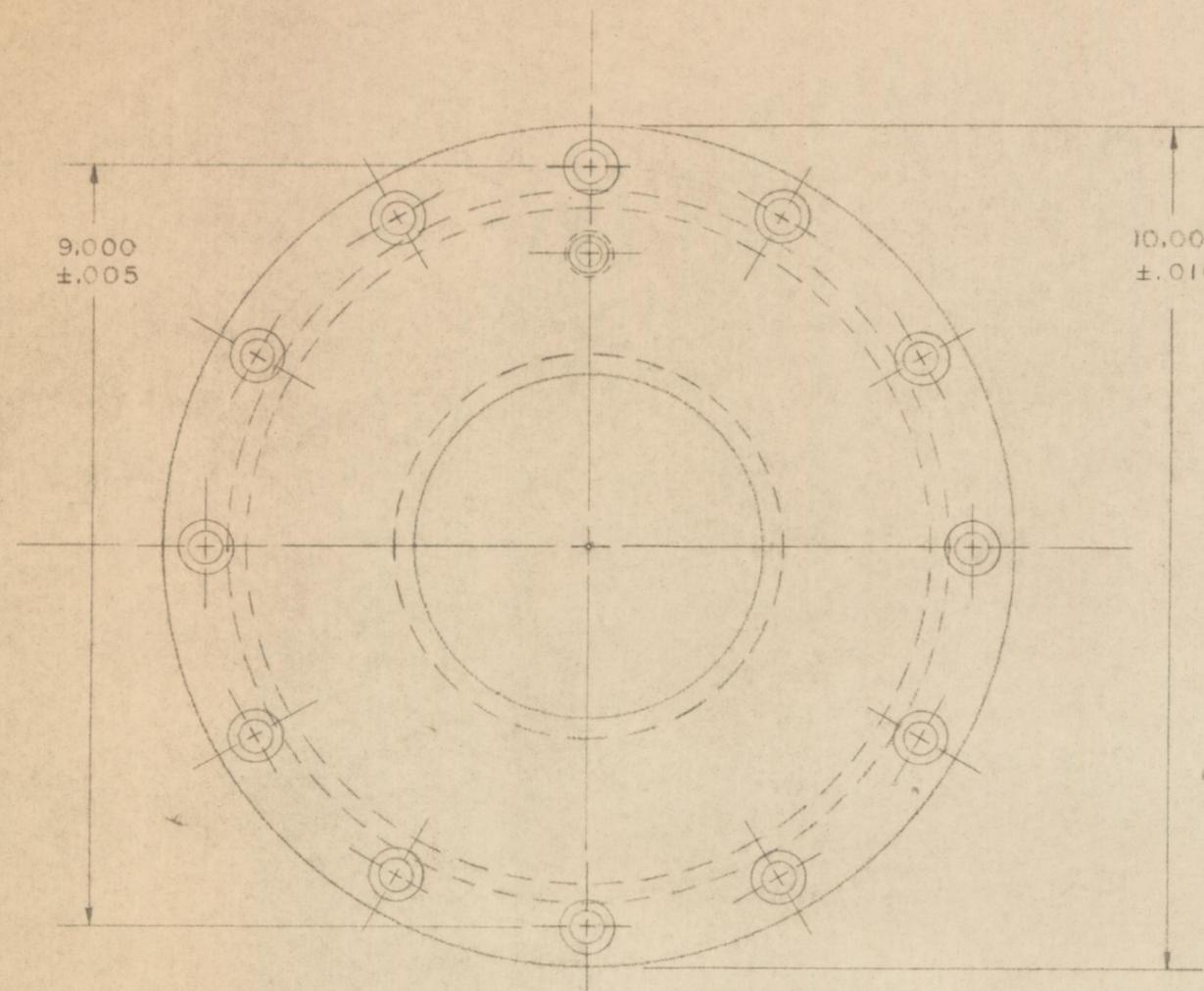


300 TON X-RAY PRESS  
 TIE BAR  
 MAKE 6 EACH OF LASALLE STEEL CO.  
 STRESS-PROOF BAR

*H. Tracy Hall* 28 APRIL 1965



BUTTRESS THREAD DETAIL



300 TON X-RAY PRESS

TOP PLATE

MAKE 4 EACH OF 4340 STEEL R<sub>c</sub> 28-32 CADMIUM PLATE

*H. Tracy Hall* 29 APRIL 1965