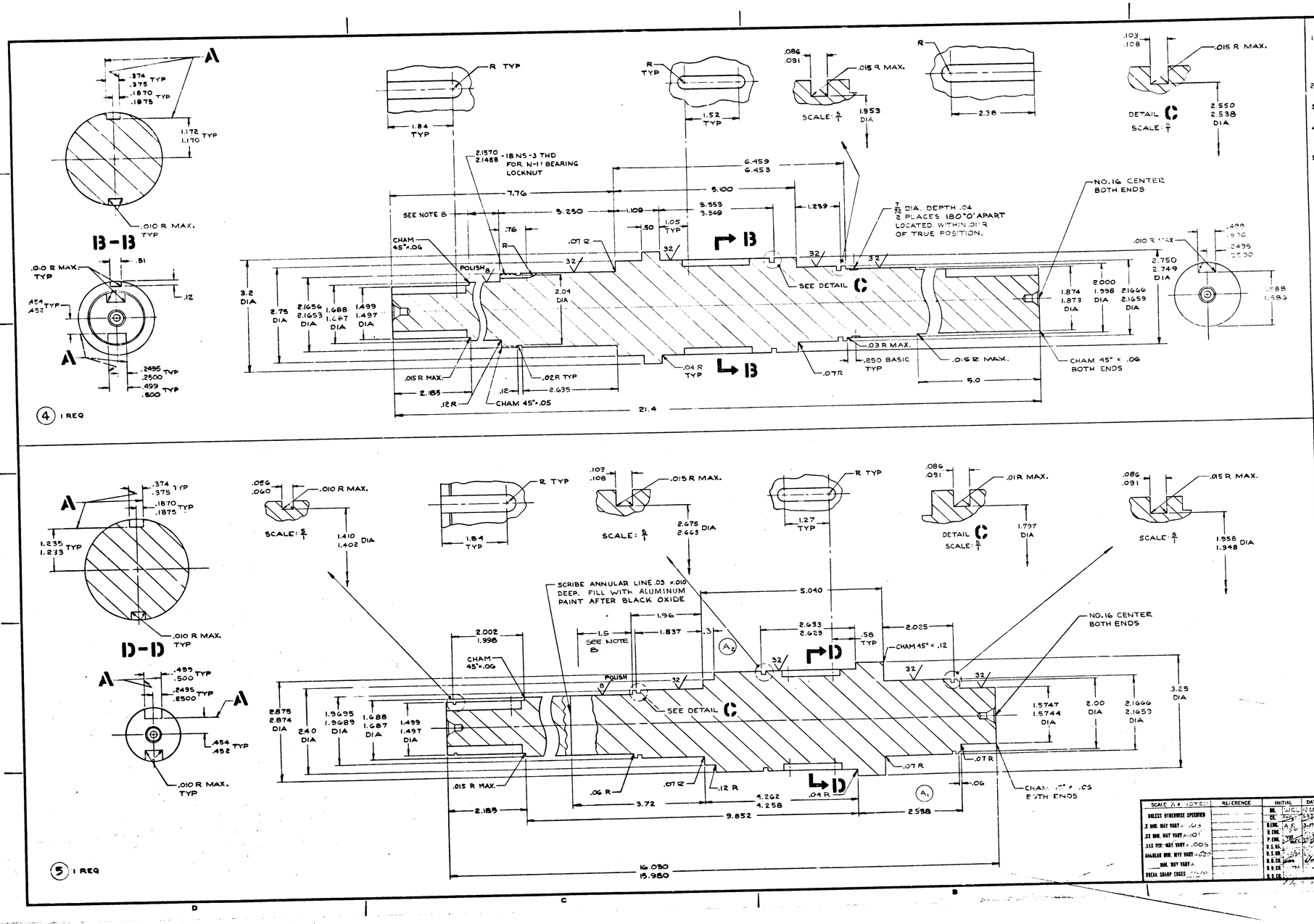

1. A SURFACES AND ALL DIAMETERS MUST BE CONCENTRIC, PARALLEL, FLAT, SQUARE AND TRUE (AS APPLICABLE) TO EACH OTHER WITHIN .001 F.I.R.
2. 64/ ALL OVER, UNLESS OTHERWISE NOTED.
3. MATERIAL: S.A.E. 4340
4. HEAT TREATMENT: R_c 32-36
5. ALL FILLETS MUST BLEND WITH ADJOINING SURFACES WITH NO UNDERCUTS AND MUST BE POLISHED SMOOTH WITH NO VISIBLE TOOL MARKS.
6. TO BE BALANCED DYNAMICALLY BY THE N.A.S.A. SEE ASSEMBLY DRAWING CR852389 FOR DETAILS
7. FINISH SPEC: BLACK OXIDE PER AMS 2485, EXCEPT ON CHROME PLATED SURFACES.
8. HARD CHROMIUM PLATE, ON PORTIONS INDICATED, .003 TO .005 THICK PER AMS 2406. DIMENSIONS SHOWN ARE AFTER PLATING.

CAUTION
THIS DRAWING IS PRINTED AT REDUCED SIZE
USE GRAPHIC SCALE WHERE APPLICABLE

CHANGE	NO.	REVISION	DATE	CK. APP
A	1	REMOVED 2.18 DIM.	4 5 76	
	2	ADDED .3 DIM.		

4:5

BEVEL GEAR TEST RIG ASSEMBLY CR 852389

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO

CF 852393

SCALE 1/4 NOTED	REFERENCE	INITIAL	DATE
UNLESS OTHERWISE SPECIFIED		DR. WCL	12 20
.X DIM. MAY VARY ± .03		CK.	
.XX DIM. MAY VARY ± .01		D.ENG. A.R.	3-17
.XXX DIM. MAY VARY ± .005		R.ENG.	
ANGULAR DIM. MAY VARY ± .030		P.ENG.	
___ DIM. MAY VARY ±		R.S.DR.	
BREAK SHARP EDGES		R.S.DR.	
		R.D.CK.	
		R.D.CK.	
		R.D.CK.	