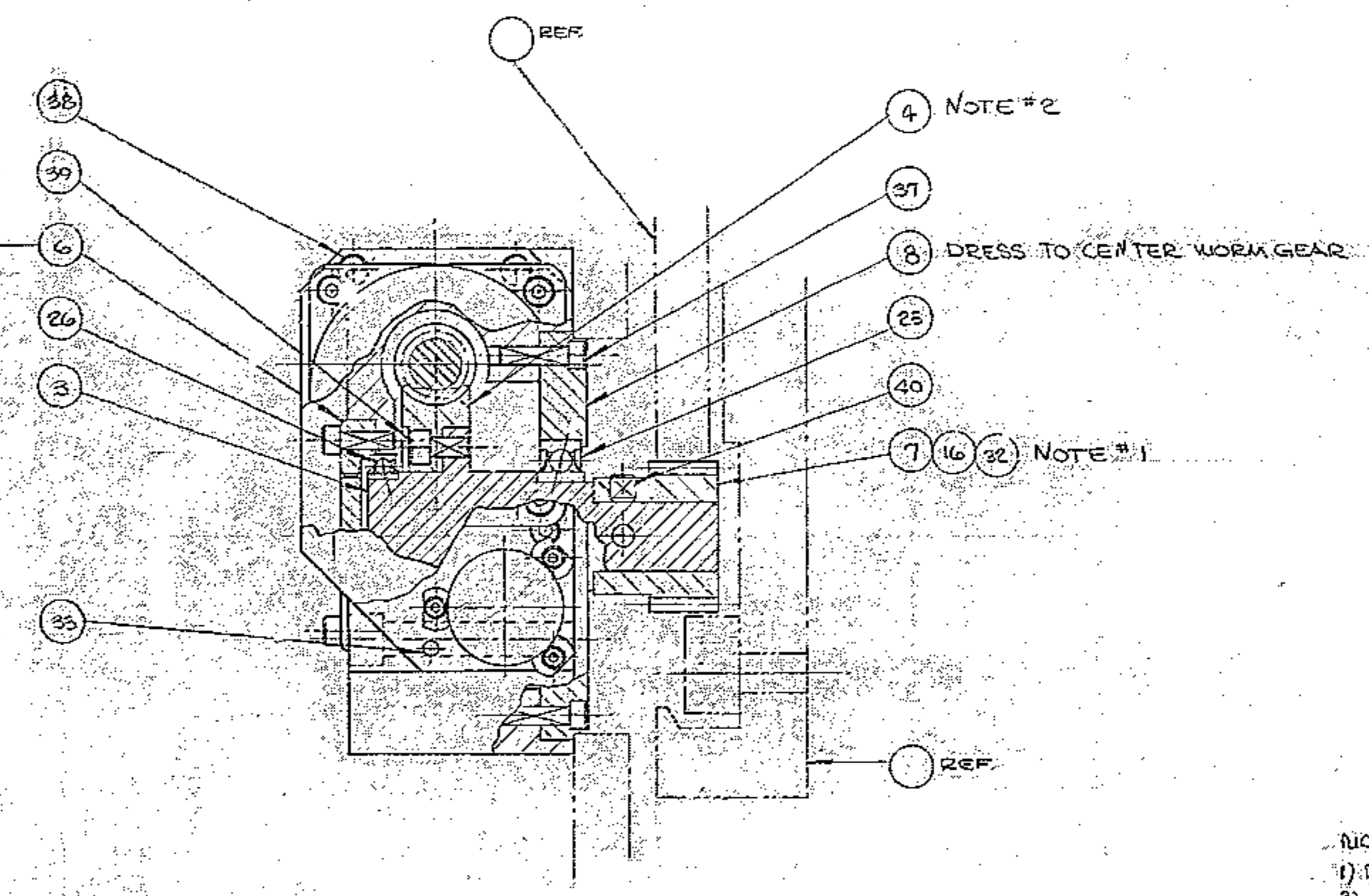
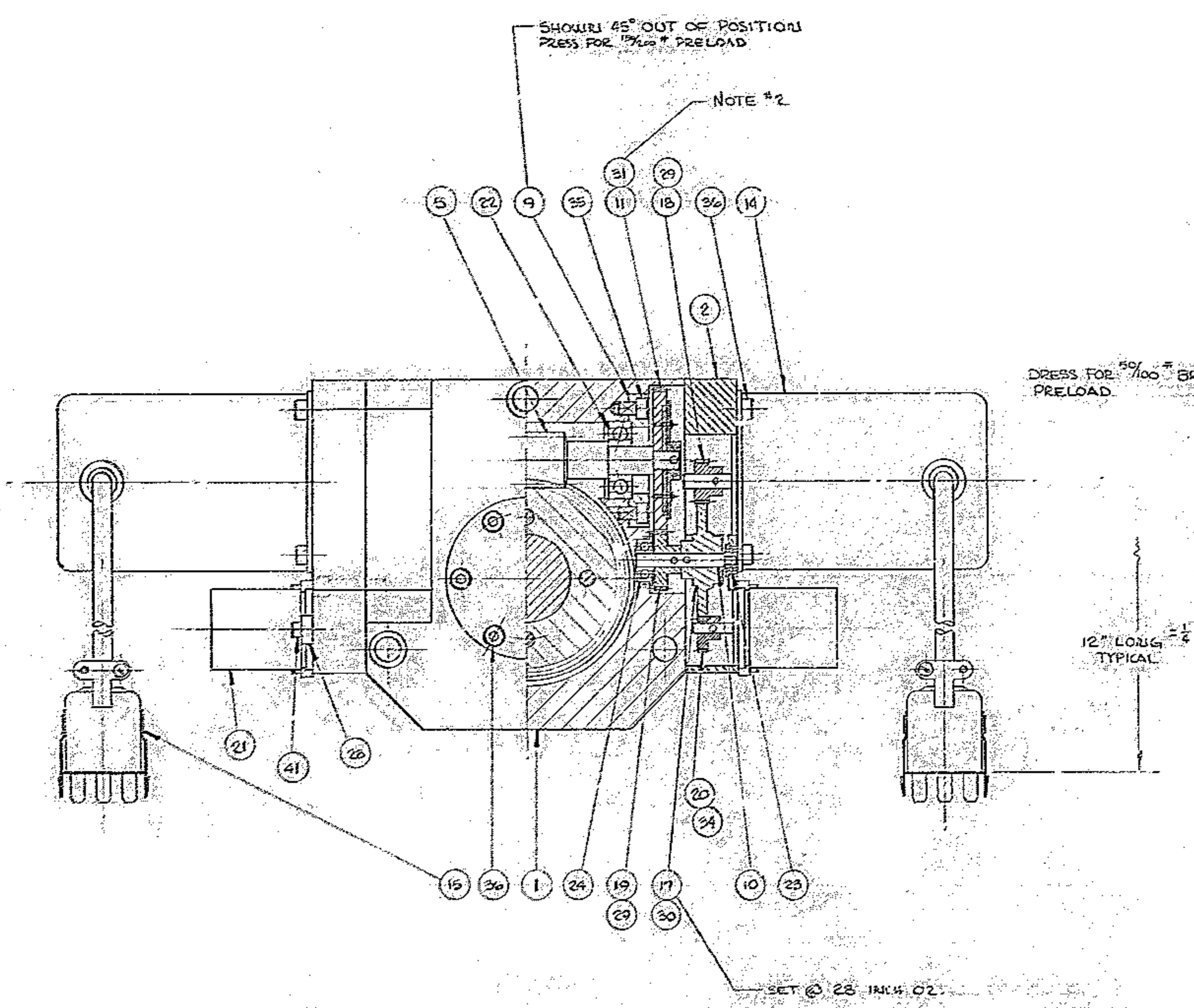


BILL OF MATERIAL

ITEM	QTY	MATERIAL	DESCRIPTION	WEIGHT
1	1		REDUCTION GEAR HOUSING	16.1
2	2		MOTOR MOUNT PLATE	2.6
3	1		OUTPUT DRIVE SHAFT	1.3
4	1		WORM GEAR	1.1
5	1		WORM AND SHAFT	2.4
6	1		BEARING RETAINER	1.9
7	1		DRIVE PINION GEAR	1.1
8	1		OUTPUT SHAFT BEARING RETAINER	1.0
9	2		BEARING RETAINER	1.0
10	2		REDUCTION GEAR SHAFT	0.2
11	2		SPRING HUB ASSEMBLY	1.2
12				
13				
14	2		GLOBE IND. INC. - MOTOR SHAFT (STANDARD)	1.26
15	2		DEUTSCH MALE COUPLER	
16	1		BOSTON SPRING GEAR - STEEL 1250 P.D.	
17	2		WORM BEARING CLUTCH - MINATURE 1250 P.D.	
18	2		PIC. PRE-LOAD SPRING GEAR - 1250 P.D.	
19	2		PIC. PRE-LOAD SPRING GEAR - 1250 P.D.	
20	2		PIC. PRE-LOAD SPRING GEAR - 1250 P.D.	
21	2		1/16" BORE COUPLER	
22	2		N.D. BEARING	
23	2		FAMIR BEARING	
24	2		FAMIR BEARING	
25	1		FAMIR BEARING	
26	1		FAMIR BEARING	
27	1		LEHIGH CHEMICAL	
28	4		PIC. MOTOR MOUNT CLEATS	
29	4		TAPER PIN	
30	2		TAPER PIN	
31	2		TAPER PIN	
32	2		TAPER PIN	
33	4		DOWEL - STANDARD STEEL	
34	2		TAPER PIN	
35	2		SOC. HD. CAP SCREW	
36	14		SOC. HD. CAP SCREW	
37	6		SOC. HD. CAP SCREW	
38	2		SOC. HD. CAP SCREW	
39	4		SOC. HD. CAP SCREW	
40	1		SOC. SET. CUP PT. SCREW	
41	6		SOC. HD. CAP SCREW	
42				
43				
44				
45				



NOTE:
 1) DRIFILIA LUBRICATE WITH ALL GRAPHITE .0003 ALLOWANCE / SURFACE
 2) LUBRICATE WITH ANDROL L-751 ITEM (27)
 3) PREASSEMBLE AND FIT FOR FREE OPERATION BEFORE FINAL FINISH IS APPLIED TO DETAIL PARTS

(2) ASSEMBLIES REQ'D PER NEXT ASSY FOR ASSEMBLY SEE 2150.00049.12E

DESIGNED BY	DATE	APPROVED BY	DATE
DRAWN BY	DATE	APPROVED BY	DATE
CHECKED BY	DATE	APPROVED BY	DATE
REV.	REVISION	ECR	DATE

TOLERANCES UNLESS OTHERWISE NOTED
 DECIMAL DIMENSIONS: .0005 & .0010
 FRACTIONAL DIMENSIONS: UP TO 1/8" ± 1/64", 1/4" TO 1/2" ± 1/32", 3/4" & OVER ± 1/16"

150 INCH STELLAR TELESCOPE

SCALE: FULL PRINT ISSUED

2150.570 E102 C

WT. 10.5

ROLLER & CHIVENS DATA JOB 58070 NEXT ASSEMBLY E-81066