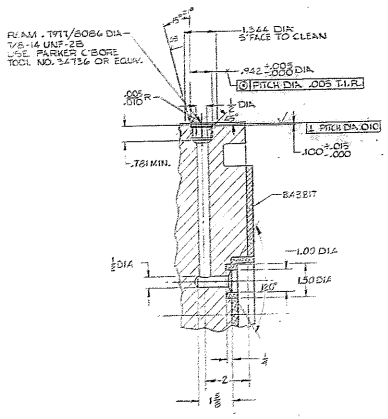
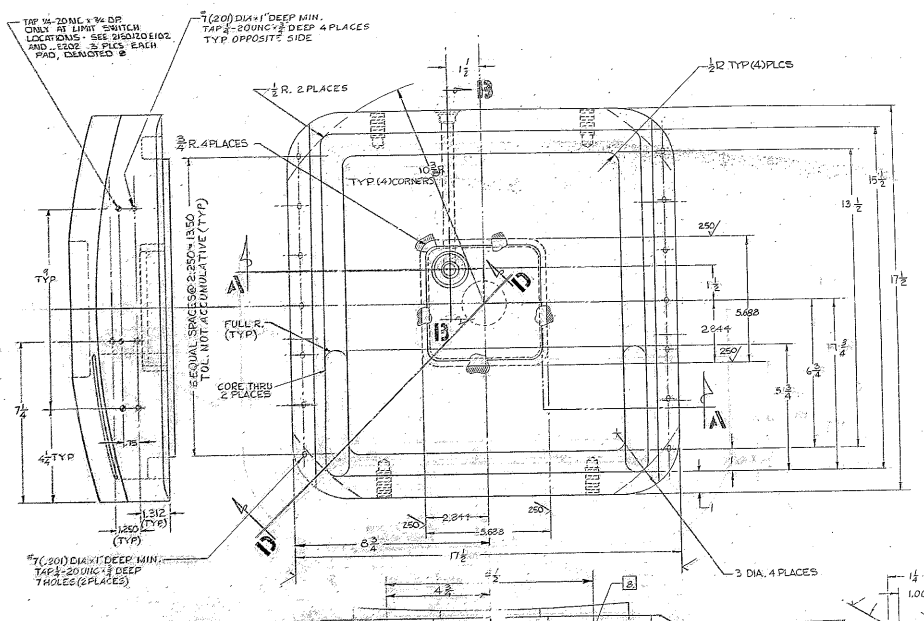
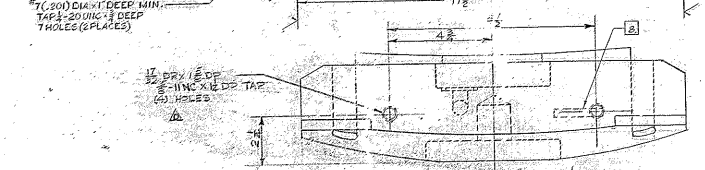
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER AURA ARB 90-[illegible]	[illegible]	
5E	B	1/4 WAS 2.000		
3E	B	3/4 WAS 7		
6F/5G	C	5.688 WAS 5.188 & 2.844 WAS 2.594	[illegible]	
6E	D	ADDED (4) TAPPED HOLES X 1/4 DP	[illegible]	
4-3	E	7/16 WAS 5/8	[illegible]	
5F	F	ADD 10 3/8 R. TYP. (4) CORNERS	[illegible]	
7B	F	ADD SECTION D-D		
4A	G	6 DIA WAS 5 DIA. ADDED NOTE 11	[illegible]	
DG	H	.75 WAS 1.250	[illegible]	JW
	J	ADDED 1.250 DIM VIEW E-E & NOTE 12 REV. LIM SWITCH MTG. HOLE CALLOUT	9/10/73	LBS

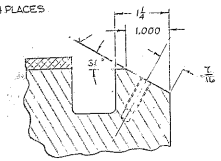




NOTES:

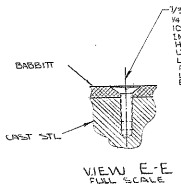
1. ALL DIMENSIONS ARE IN INCHES.
2. CASTING TOLERANCE: ± 1/8 EXCEPT AS NOTED
   FILLET RADII: 1/4 EXCEPT AS SPECIFIED.
   CORNER RADII: 1/8 EXCEPT AS SPECIFIED.
   DRAFT ANGLE: ±1° MAX.
3. PATTERNMAKER TO ALLOW MATERIAL FOR MACHINING AT ALL SURFACES MARKED √.
4. PATTERN NO. TO BE 2150.120E005.
5. ALL SURFACES MARKED √ TO BE 125/ EXCEPT AS NOTED.
6. BEARING SURFACE TO BE BABBIT ALLOY NO. 2, ASTM B23-49, TIN 89%, ANTIMONY 7.5% AND COPPER 3.5% OR EQUIV.
7. MATCH LAP 68/ SPHERICAL SURFACE TO MATCHING SURFACE OF SUPPORT BEARING FOR 75% MIN CONTACT (DWG. NO. 2150.120E006) AND RECORD BY SKETCH OR PHOTOGRAPH.
8. CAST PART NO. 2150.120E005. CHARACTERS TO BE 1/4 HIGH AND RAISED .05.
9. APPLY ONE (1) COAT PRIMER PAINT ALL OVER PER W.G.C. SPEC. S11 BEFORE MACHINING.
10. RADIOGRAPHIC INSPECT PER ASTM E186, CLASS 3.
11. (SEE REV. G ABOVE): ALL LIKE PARTS RECEIVE THE SAME CHANGE.
12. SEE VIEW E-E FOR TYP REPAIR OF BABBITT TO STL BOND.



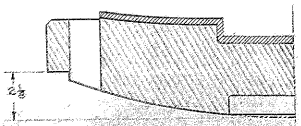


DETAIL 6

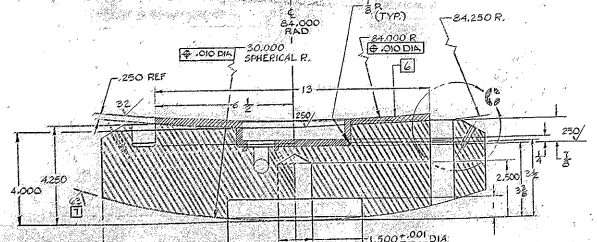
SCALE: 1/1
TYP. 2 PLACES



VIEW E-E
FULL SCALE



SECTION D-D



SECTION A-A

WESTERN GEAR CORPORATION
CONSTRUCTION PROJECTS
IN ACCT
APPROVED FOR PROCUREMENT
J.R. DATE 5/5/72

NEXT ASSY. 2150.120E202 WGN 102864
2150.120E102 WGN 102860

1155

FIND NO.	PART NO.	DESCRIPTION	QTY	MATERIAL	CODE IDENT

LIST OF MATERIAL (LM)

LIMITS ON MACHINED DIMENSIONS EXCEPT AS NOTED
ANGULAR = ± 1°0'
LINEAR:
X = ± .1 XXX = ± .010
.XX = ± .03 FRACTIONAL = ± 1/32
BREAK ALL SHARP EDGES

MATERIAL
ASTM A 27-65
GRADE 60-40
NORMALIZE & TEMPER

50 INCH STELLAR TELESCOPE MOUNTING

DRAWN L. JOHNSON 2-17-68
CHECK [illegible] 3-26-68
STAGE

WGN 102890

APPROVED

Western GEAR CORPORATION
HEAVY MACHINERY DIVISION
EVERETT, WASHINGTON

PAD, BEARING
SOUTH HYDROSTATIC BEARING

SIZE	CODE IDENT NO.		REV
E	16603	2150.120E005	J

SCALE 1/2 WT 360 LB SHEET 1 OF 1