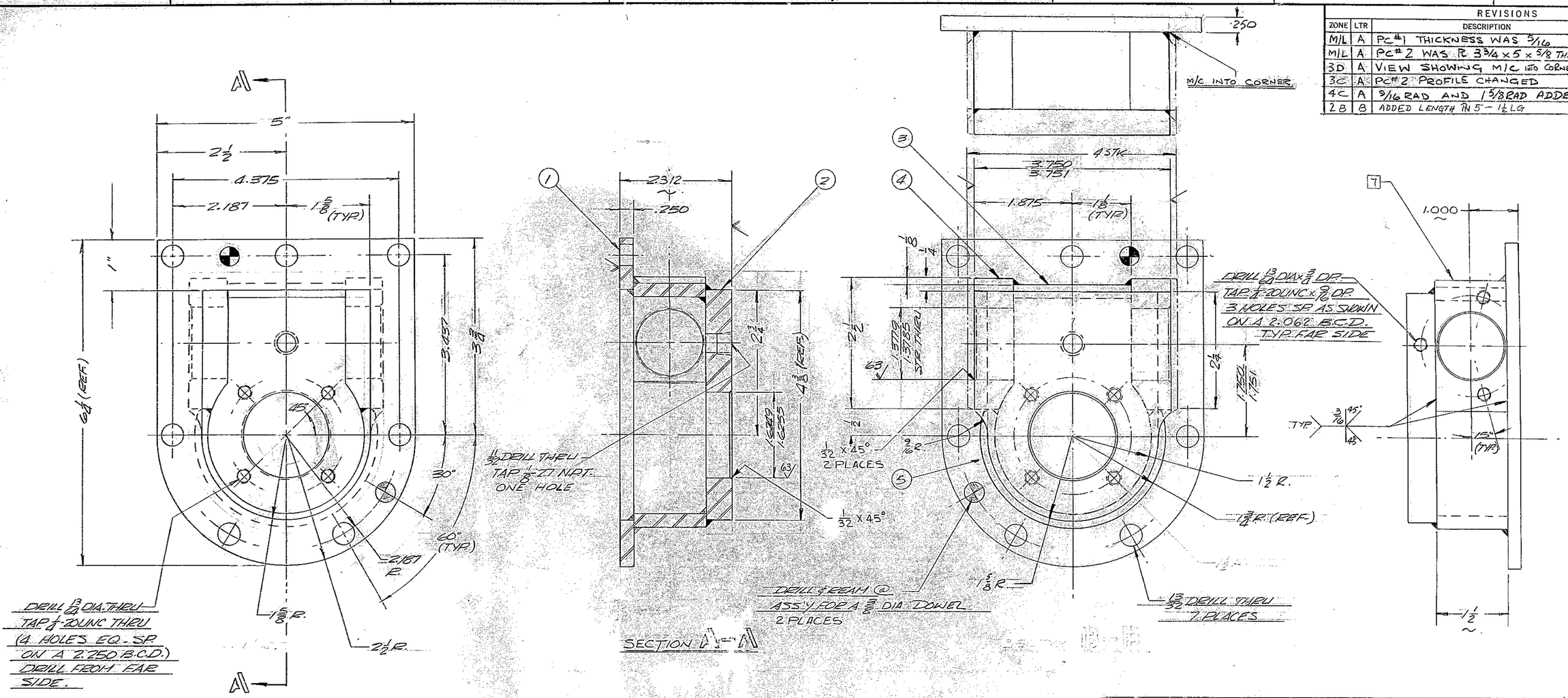
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
M/L	A	PC #1 THICKNESS WAS 5/16	3/17/68	
M/L	A	PC #2 WAS R 3 3/4 x 5 x 5/8 THK.		
3D	A	VIEW SHOWING M/C INTO CORNER ADDED		
3C	A	PC #2 PROFILE CHANGED		
4C	A	9/16 RAD AND 1 5/8 RAD ADDED.		
2B	B	ADDED LENGTH IN 5 - 1 1/2 LG	11/11/68	



MATERIAL LIST

PC. NO.	QTY.	DESCRIPTION	MAT'L & SPEC.	ROUGH WT. EACH
1	1	PL. 5" x 6 1/4 x 3/8 THK.	STEEL - ASTM A-36	3.0 LBS.
2	1	PL. 4" x 4 3/8 x 5/8 THK.	STEEL - ASTM A-36	3.1 LBS.
3	1	PL. 1 1/2 x 2 1/4 x 1/4 THK.	STEEL - ASTM A-36	.2 LBS.
4	2	PL. 1 1/2 x 2 1/2 x 7/8 THK.	STEEL - ASTM A-36	1.0 LBS.
5	1	TUBING 3 1/2 OD x 1/4 WALL x 1/2 LG	STEEL - AISI MT-1015	.4 LBS.

NOTES:

1. ALL DIMENSIONS IN INCHES
2. FABRICATION TOLERANCES EXCEPT AS NOTED.
   UP TO 10 INCHES ± 1/16
   10 TO 50 INCHES ± 1/8
   50 INCHES & UP ± 1/4
3. WELD PER W.G.C. SPECIFICATION 752.
4. STRESS RELIEF AFTER WELDING & BEFORE MACHINING PER W.G.C. SPECIFICATION Nº 510.
5. APPLY ONE COAT OF PRIME PAINT ALL OVER PER W.G.C. SPECIFICATION Nº 511 IMMEDIATELY AFTER STRESS RELIEVING.
6. ALL SURFACES MARKED √ TO BE 125 √ EXCEPT AS NOTED.
7. STAMP PART NO. 2150.240D024 APPROX WHERE SHOWN.
8. ALL WELDS TO BE 1/8 FILLET, CONTINUOUS.

WESTERN GEAR CORPORATION
CONSTRUCTION PROJECTS
DEPARTMENT
APPROVED FOR
PROCUREMENT
GR DATE SEP 18 1968

REF. FILE 1167

NEXT ASS'Y: 2150.240E002 (W.G.N 102 993)

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
SEE MATL LIST

150 IN. STELLAR TELESCOPE MTG.

DRAWN E. NIEVES 4-10-68
CHECK
ENGR

W.G.E 107735
APPROVED

western GEAR CORPORATION
HEAVY MACHINERY DIVISION
EVERETT, WASHINGTON

GEAR HOUSING
CASSEGRAIN RAMP ASSEMBLY

SIZE	CODE IDENT NO.		REV
D	16603	2150.240D024	B

SCALE 1/1 | WT 8 LB | SHEET 1 OF 1