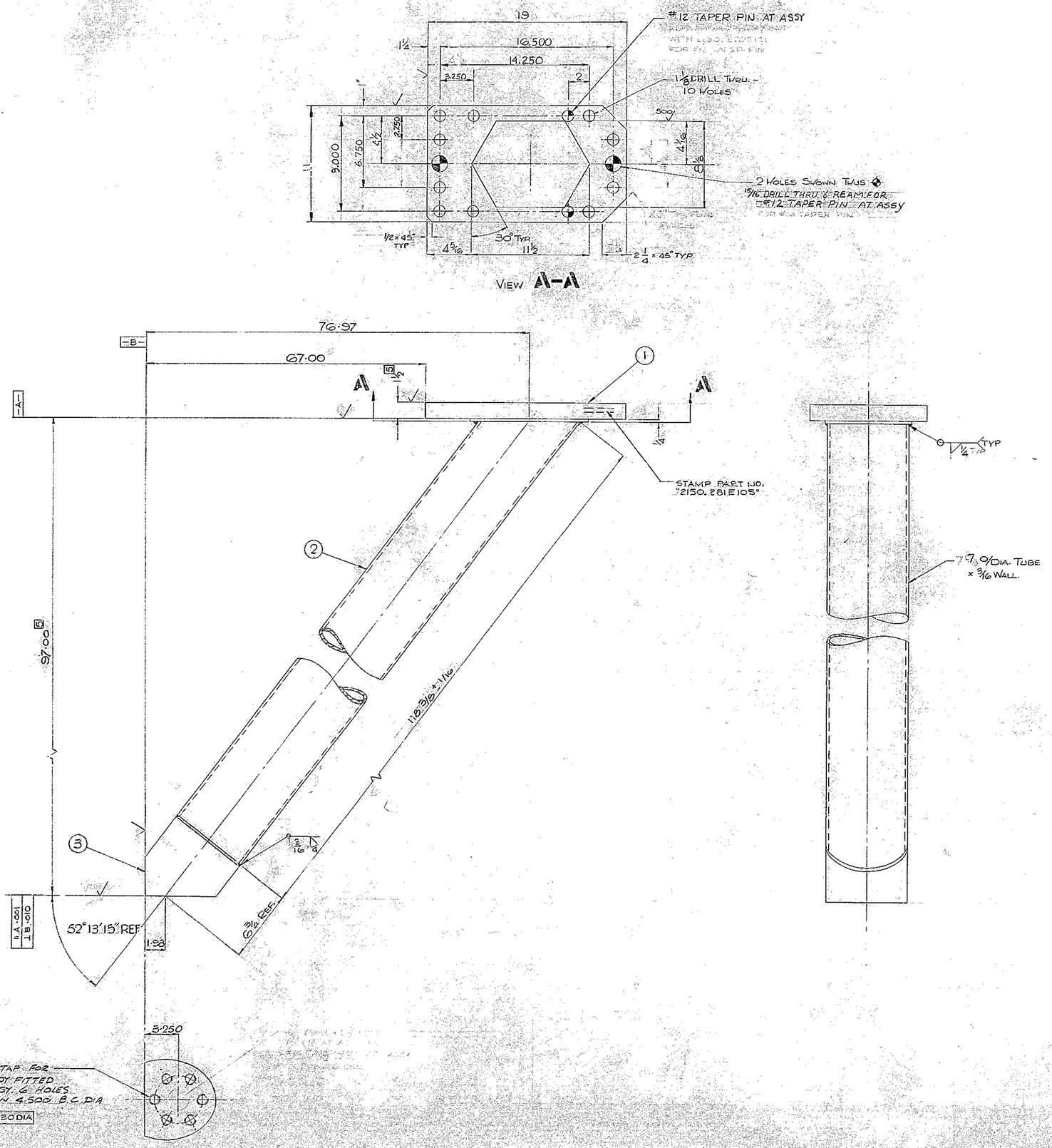
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER AURA APPD CONST PRINT DATED 6 MAY 68	7 MAY 68	
	B	REVISED PER AURA PRINT 10-22-68	11-4-68	
G-4	C	CHANGED TAPER PIN TO #12 WAS #14	12/10/68	
	C	MATL. OF PC. NO 2 WAS WELDED STEEL PIPE	[illegible]	



MATERIAL LIST				
PC. NO.	QTY	DESCRIPTION	MATL. & SPEC.	ROUGH WT.
1	1	PL 1 1/2 x 2 x 19.	STL. ASTM A-36	122
2	1	TUBE 7 7/8 OD x 3/16 WALL x 18.98 LG.	SEAMLESS PIPE 1015 OR EQUIV.	137
3	1	SEE DRG.	2150. 281 C 108	40

NOTES:

1. FABRICATION TOLERANCES EXCEPT AS NOTED:-
   UP TO 10 INCHES ± 1/16 INCH.
   10 TO 50 INCHES ± 1/8 INCH.
   50 INCHES & OVER ± 1/4 INCH
2. WELD PER A.W.S. SPEC. NO. D1.0-66.
3. LOCAL STRESS RELIEVE WELDED JOINTS PER W.G.C. SPEC. NO. 510
4. APPLY ONE COAT PRIME PAINT PER WESTERN GEAR SPEC. 511 IMMEDIATELY AFTER STRESS RELIEVING.
5. THESE DIMENSIONS TO BE THE SAME WITHIN ±.002 ON ALL 8 STRUTS PER TELESCOPE.
6. ALL SURFACES MARKED ✓ TO HAVE 125/ FINISH/ EXCEPT AS NOTED.
7. ALL DIMENSIONS ARE IN INCHES.
8. ALL WELDS TO BE ULTASONIC TESTED

NEXT ASSY: 2150.281E102 (WGN 102948)

REF. FILE 1175

FIND NO.	PART NO.	DESCRIPTION	QTY	MATERIAL	CODE IDENT
		LIST OF MATERIAL (LM)			

WESTERN GEAR CORPORATION
CONSTRUCTION PROJECTS DEPARTMENT
APPROVED FOR PROCUREMENT
DATE 9 MAY 68

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° STELLAR TELESCOPE MOUNTING

DRAWN R. HOLCSHUH 2/28/68
CHECK 2-28-68
ENGR.

WGN 102 862.
APPROVED

WESTERN GEAR CORPORATION
HEAVY MACHINERY DIVISION
EVERETT, WASHINGTON

STRUT, CENTER SECT. & LWR. GIRDER

SIZE	CODE IDENT NO.		REV
E	16603	2150. 281E 105	C

SCALE 1/4 WT 250 LB SHEET 1 OF 1