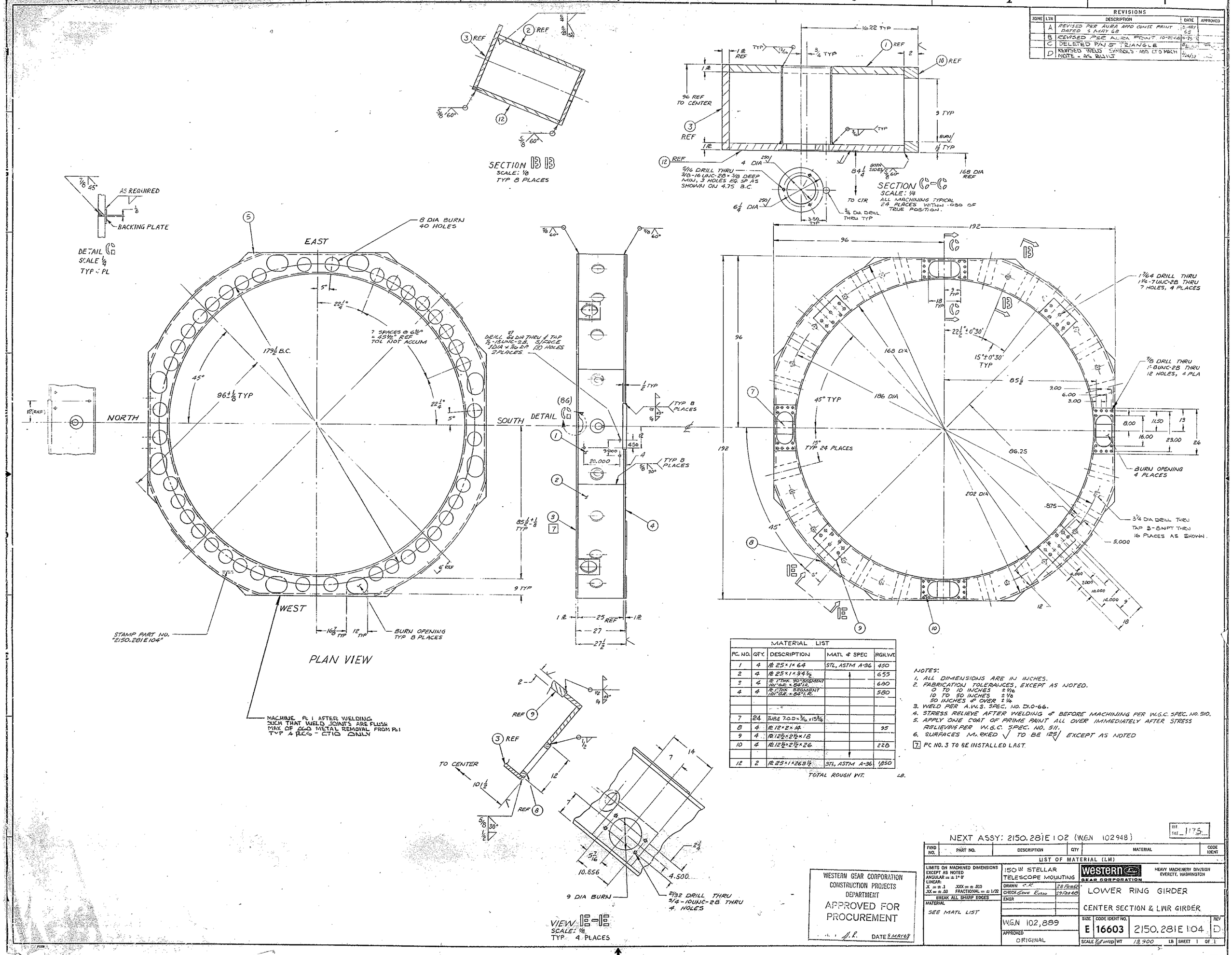
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER AURA APPD CONSE PRINT DATED 5 MAY 68	5 MAY 68	
	B	REVISED PER AURA PRINT 10-25-68	10-25-68	
	C	DELETED P/N S TRIANGLE	5/[illegible]	
	D	REVISED WELD SYMBOLS - ADD LTD MACH NOTE - AS BUILT	4/26/72	



MATERIAL LIST				
PC. NO.	QTY.	DESCRIPTION	MATL & SPEC	RGH. WT.
1	4	PL 25 × 1 × 64	STL, ASTM A-36	450
2	4	PL 25 × 1 × 94 1/2		655
3	4	PL 1" THK. 90° SEGMENT 101" O.R. × 84" I.R.		640
4	4	PL 1" THK. SEGMENT 101" O.R. × 84" I.R.		580
7	24	TUBE 7 O.D. × 3/16 × 15 3/4		
8	4	PL 12 × 2 × 14		95
9	4	PL 12 1/2 × 2 1/2 × 18		228
10	4	PL 12 1/2 × 2 1/2 × 26		228
12	2	PL 25 × 1 × 263 1/4	STL, ASTM A-36	1,850

TOTAL ROUGH WT. LB.

NOTES:
1. ALL DIMENSIONS ARE IN INCHES.
2. FABRICATION TOLERANCES, EXCEPT AS NOTED.
   0 TO 10 INCHES ± 1/16
   10 TO 50 INCHES ± 1/8
   50 INCHES & OVER ± 1/4
3. WELD PER A.W.S. SPEC. NO. D1.0-66.
4. STRESS RELIEVE AFTER WELDING & BEFORE MACHINING PER W.G.C. SPEC. NO. 510.
5. APPLY ONE COAT OF PRIME PAINT ALL OVER IMMEDIATELY AFTER STRESS RELIEVING PER W.G.C. SPEC. NO. 511.
6. SURFACES MARKED √ TO BE 125√ EXCEPT AS NOTED
7. PC NO. 3 TO BE INSTALLED LAST.

NEXT ASSY: 2150.281E102 (W.G.N 102948)

REF FILE 1175

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 LB STELLAR TELESCOPE MOUNTING

DRAWN C.R. 28 FEB 68
CHECK Gene Russo 29 Feb 68
ENGR

W.G.N 102,889
APPROVED
ORIGINAL

Western GEAR CORPORATION
HEAVY MACHINERY DIVISION
EVERETT, WASHINGTON

LOWER RING GIRDER
CENTER SECTION & LWR GIRDER

SIZE	CODE IDENT NO.		REV
E	16603	2150.281E104	D

SCALE 1/8 & 1/4 NOTED WT 13,900 LB SHEET 1 OF 1

WESTERN GEAR CORPORATION
CONSTRUCTION PROJECTS DEPARTMENT
APPROVED FOR PROCUREMENT
DATE 5 MAY 68