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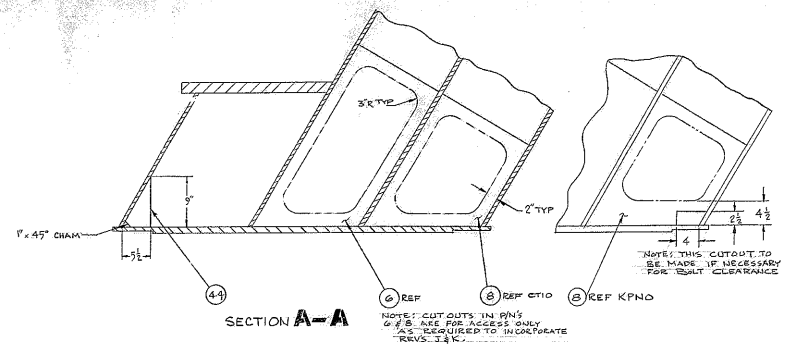
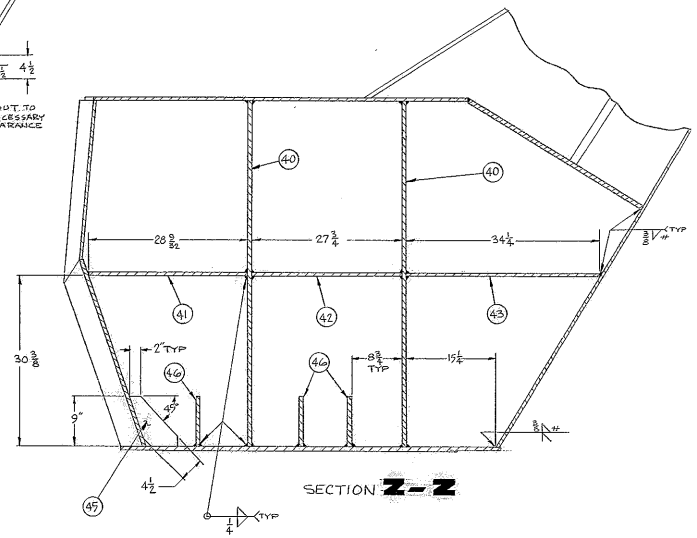
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	J	ADDED: SHT 4; P/NS 34,35,36, & 38 THRU 49; SECTIONS A, V, W, & Z; CUTOUTS IN P/NS 6 & 8 (DETS 6 & 7); AND DETAIL & STAGE NOTE FOR 13/16 DIA HOLES. HOLE #21 WAS 1/2" DIA. DELETED: HOLE #20 FROM CHART.	30 APR 69	
5-F 3-B 3-D 2-C	K	SHT 1: ADDED (5) 3/4 NPT HOLES & MAWED CUTOUT TO OPPOSITE SIDE OF ℄. DELETED CUT OUTS FROM P/NS 6 & 8. 47 5/8 DIM WAS 45 5/8 & ADDED 64" DIM & CTIO & KPNO CALLOUTS. DELETED HOLE #16 FROM CHART & DWG.	14 AUG 69	
8-A 7-C 6-E 5-D	K	SHT 2: (2) 3/16 DIA HOLES ADDED & P/N 49 DELETED. MAWED 15" x 20" CUTOUT TO OPPOSITE SIDE OF ℄. ADDED 3/16 WELD SYMBOL IN INSET. ADDED 1/2 FILLET & R18.	14 AUG 69	
6-E 3-D 1-D	K	SHT 4: ADDED "REF" & "CUT TO SUIT" NOTES TO P/NS 7, 34, 35, 36, 38 & 39. ADDED CUTOUT NOTES TO P/NS 6 & 8 (KPNO & CTIO REFS). ADDED 3/8 FILLET WELD SYMBOLS. DELETED P/N 49.	14 AUG 69	
	K	REVISED PER KPNO DWGS 82E668, & 2150 E76	14 AUG 69	
	L	SEE SHT 2		
	M	SEE SHT 1		

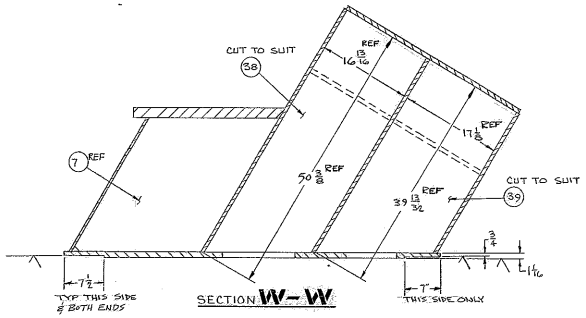


SECTION A-A

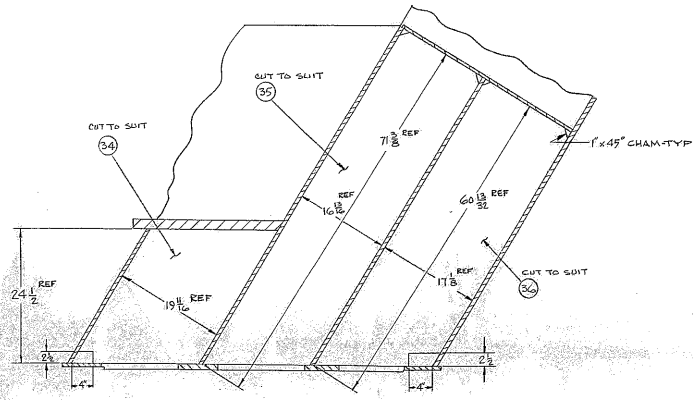


SECTION Z-Z

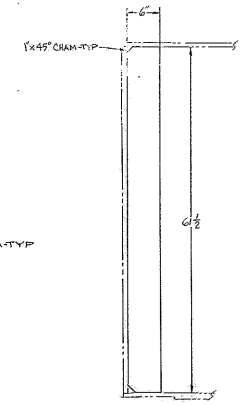
MATERIAL LIST (CONT'D FROM SHT #1)				
PC NO	QTY	DESCRIPTION	MAT'L & SPEC	FINISH WT. (LB) EA.
34	2	R 19 11/16 x 1 1/2 x 38 1/2	STL ASTM A36	261
35	2	R 16 13/16 x 1 1/2 x 72 3/8		431
36	2	R 17 1/8 x 1 1/2 x 61 5/8		374
37				
38	2	R 16 13/16 x 3/4 x 50 5/8	STL ASTM A36	180
39	2	R 17 1/8 x 3/4 x 39 1/8		143
40	4	R 6" x 3/4 x 61 1/2		78
41	2	R 6" x 3/4 x 28 3/32		36
42	2	R 6" x 3/4 x 27 3/4		35
43	2	R 6" x 3/4 x 34 1/4		44
44	8	R 5 1/2 x 3/4 x 9"		11
45	2	R 4 1/2 x 3/4 x 11 1/2		12
46	6	R 5 1/2 x 3/4 x 9"		11
47	2	BAR 1 3/4 x 3 x 16 5/8		25
48	1	BAR 1 3/8 x 3 x 20"	STL ASTM A36	28
49				



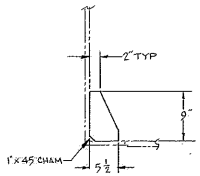
SECTION W-W



SECTION V-V



DETAIL P/N 40
3/4 FR



DETAIL P/N 46
3/4 FR

2150.141 E002 (W.G.N. 102871)
NEXT ASSY 2150.140E002 (W.G.N. 102870)

SIZE FILE 1157

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 MAT'L LIST

150" STELLAR TELESCOPE MOUNTING

DRAWN 26 APR 69
CHECK 14 AUG 69
ENGR
W.G.N. 102904
APPROVED

WESTERN GEAR CORPORATION
HEAVY MACHINERY DIVISION EVERETT, WASHINGTON

SOUTH BEARING SUPPORT ASSY
BASE FRAME

SIZE E | CODE IDENT NO. 16603 | 2150.140E013 | REV

SCALE 1/2 = 1" WT LB | SHEET 4 OF 4