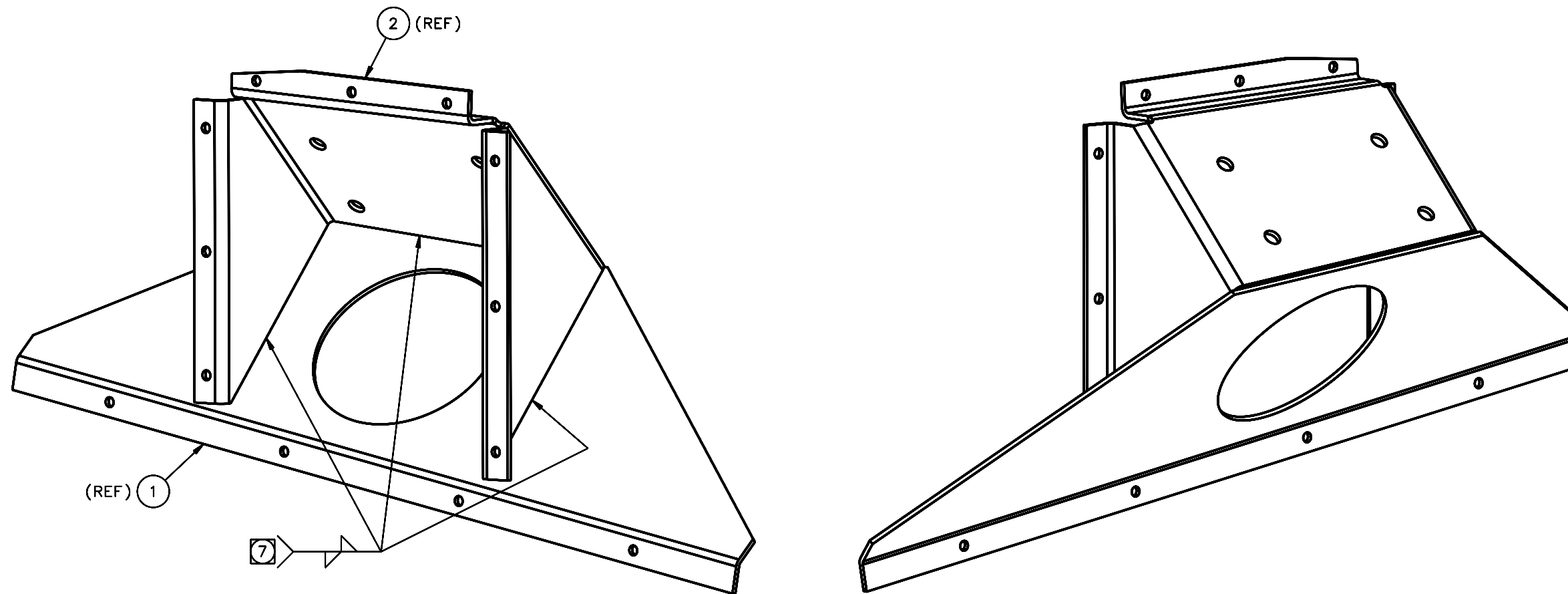


REVISIONS				
LTR	DESCRIPTION	DATE	REVISED BY	APPROVED
A	INITIAL RELEASE	03/29/05	J. BRENNAN	G. LANDIS
B	ADDED FLAT PATTERNS & HEAT TREAT NOTE; REARRANGED & REDIMENSIONED SOME VIEWS; NO DESIGN CHANGES	6/31/05	J. BRENNAN/ R. NAGY	R. WARNER



ISO VIEWS

SCALE NTS
ADDITIONAL FABRICATION VIEWS ON SHTs 2 THRU 8

NOTES:

1. BREAK SHARP EDGES & DEBURR HOLES.
2. MACHINED SURFACE FINISH TO BE 125 RMS OR BETTER.
- 3 ZINC CHROMATE PER ASTM-B-633-98, TYPE II, BLACK.
4. DIMENSIONS PRIOR TO ZINC CHROMATE.
5. ALL INSIDE BEND RADII TO BE NO GREATER THAN R.06 WITH BEND RELIEFS AS REQUIRED.
6. METHOD OF CONSTRUCTION OPTIONAL.
- 7 WELDS TO BE SKIP WELDS 0.5-1.0 STAGGERED ON EACH SIDE TO MINIMIZE WARPAGE.
8. HEAT TREATMENT: A. HEAT TREAT AT 315°C FOR 60 MINUTES IN AIR.
B. COOL TO ROOM TEMPERATURE IN AIR.
C. HOLD AT 95°C FOR 49 HOURS IN AIR.
D. COOL TO ROOM TEMPERATURE IN AIR.

QTY PER ASSY	PART NUMBER	PART DESCRIPTION	MANUFACTURER of MAT'L SPEC	ITEM NO.
1	14270-7	GUIDE CAMERA MOUNTING BOX PLATE 2		2
1	14270-5	GUIDE CAMERA MOUNTING BOX PLATE 1		1

LIST OF MATERIALS

DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-94		THIS DRAWING CREATED IN: ACAD <input type="checkbox"/> MECH <input type="checkbox"/> IDEAS <input checked="" type="checkbox"/>		Steward Observatory, University of Arizona 933 N. Cherry Avenue, Tucson, AZ 85721 (520)621-7659	
TOLERANCES UNLESS OTHERWISE SPECIFIED LINEAR .X = NA .XX = ±.03 .XXX = ±.010 ANGULAR ± 1° DIAMETRICAL SEE SPEC S-002		DESIGNED BY: D. DEAN	DATE: 09/23/04	CATEGORY: MMT	
DIMENSIONS ARE IN INCHES / DIMENSIONS IN 1 ARE METRIC		DRAWN BY: R. ABALDO	09/23/04	PROJECT: MAESTRO	
MATERIAL INVAR 36 ALLOY, 16 B.G. (.0625)		CHECKED BY: G. LANDIS	09/23/04	TITLE: GUIDE CAMERA MOUNTING BOX	
FINISH 3	ASSEMBLY APPLICATION	APPROVED: M. REED	09/23/04	PLOT SIZE SCALE: D -	
LAST LETTER USED: J		APPROVED:		DRAWING NUMBER: 14270	REVISION: B
		CURRENT TIME/DATE/FILE LOCATION:		DRAWING ARCHIVE LOCATION: http://dov.incl.us.arizona.edu/ccod/default.html	