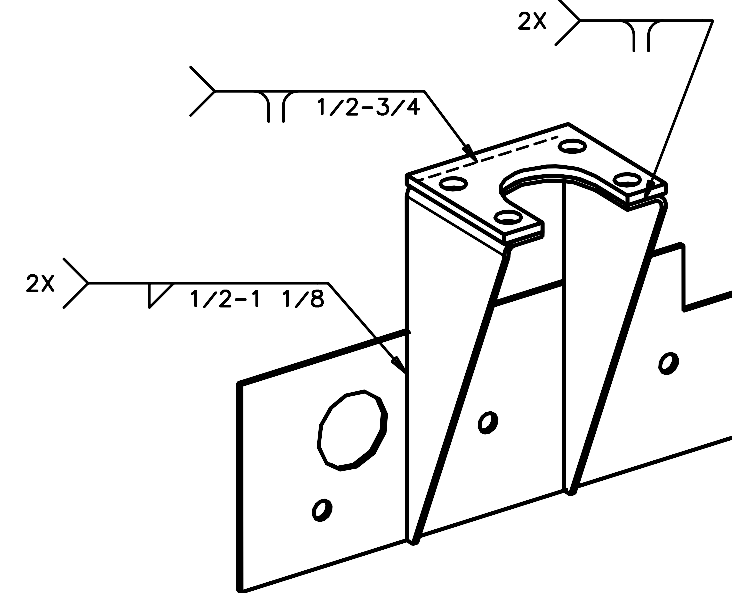
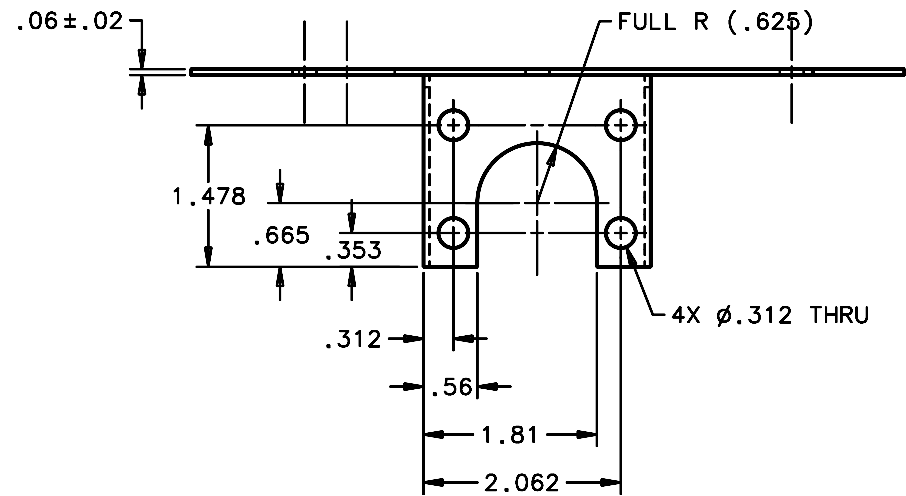
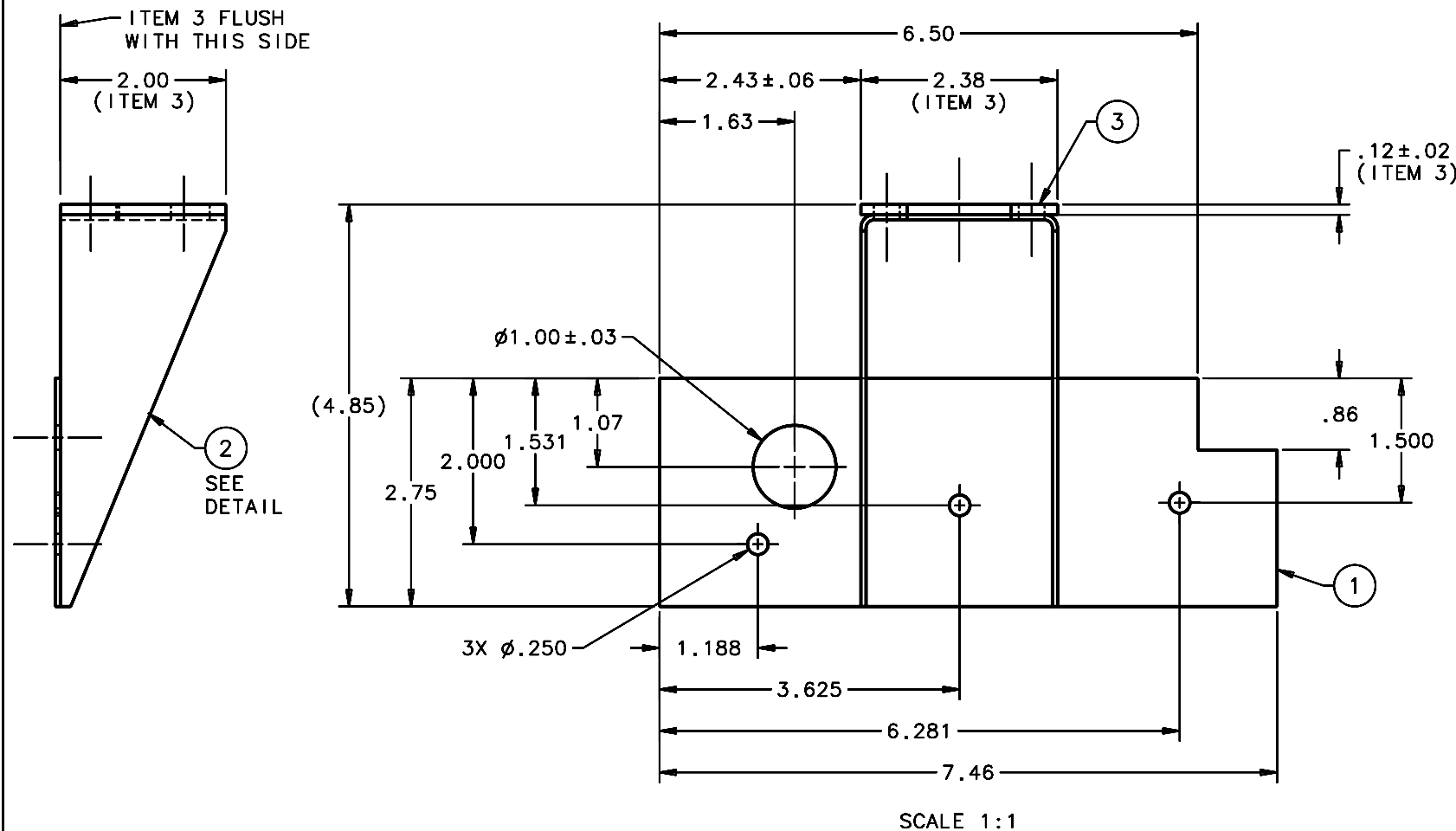


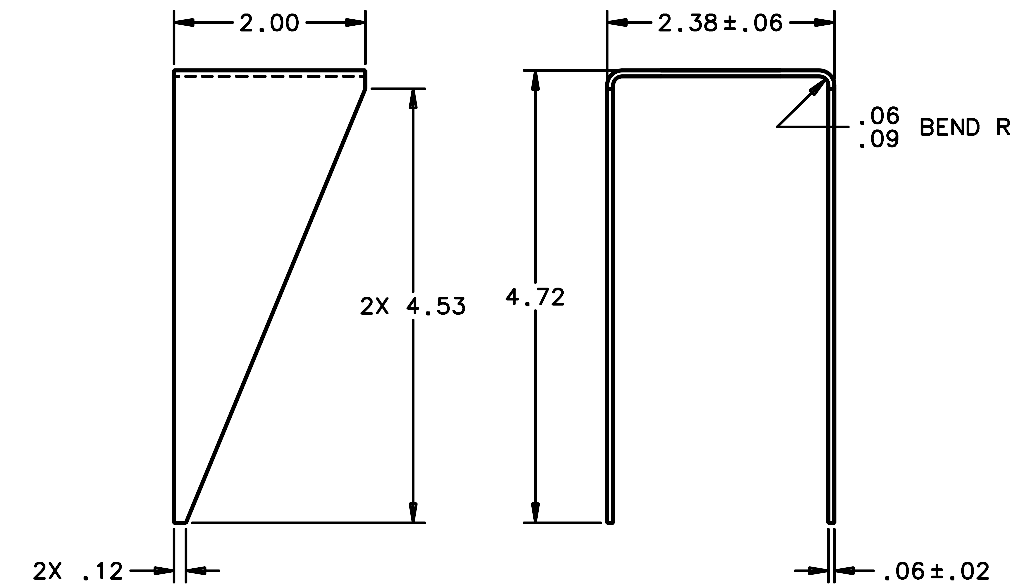
REVISIONS				
LTR	DESCRIPTION	DATE	REVISED BY	APPROVED
A	INITIAL RELEASE	05/11/05	R. NAGY	J. BECHTOLD
B	ADDED FULL R SLOT & 4X .312 HOLES (REPLACED .500 HOLE); BLOCK TOL WAS ±.015; REVISED WELDS	01/08/07	R. NAGY	D. DEAN



3D VIEW
SCALE NTS



SCALE 1:1



② GUSSET
SCALE 1:1

NOTES:

- BREAK SHARP EDGES & DEBURR HOLES.
- MACHINED SURFACE FINISH TO BE 125 RMS OR BETTER.
- WELDING REQUIREMENTS: WELDS TO BE GAS TUNGSTEN ARC WELDING (GTAW) WITH INVAR FILLER ROD.
 - HEAT TREAT AT 315°C FOR 60 MINUTES IN AIR.
 - COOL TO ROOM TEMPERATURE IN AIR.
 - HOLD AT 95°C FOR 49 HOURS IN AIR.
 - COOL TO ROOM TEMPERATURE IN AIR.

QTY PER ASSY	-3	-2	-1	PART NUMBER	PART DESCRIPTION	MANUFACTURER or MAT'L SPEC	ITEM NO.
	1			14188-9	TOP PLATE		3
	2			14188-7	GUSSET		2
	1			14188-5	BASE PLATE		1

LIST OF MATERIALS

DO NOT SCALE DRAWING		THIS DRAWING CREATED IN:		Steward Observatory, University of Arizona			
INTERPRET DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-94		ACAD	MECH	IDEAS	933 N. Cherry Avenue, Tucson, AZ 85721 (520)621-7659		
TOLERANCES UNLESS OTHERWISE SPECIFIED		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	DESIGNED BY:	DATE:	CATEGORY:
LINEAR	ANGULAR				D. DEAN	9/29/04	MMT
.X = .04	.1° = .1°				DRAWN BY:		PROJECT:
.XX = ±.03					R. NAGY	11/24/04	MAESTRO
.XXX = ±.010					CHECKED BY:		TITLE:
DIAMETRICAL SEE SPEC S-002					G. LANDIS	03/21/05	GRATING CELL
					APPROVED:		STEPPER MOTOR SHAFT MOUNT
					M. REED	05/11/05	
					APPROVED:		
					J. BECHTOLD	05/11/05	
MATERIAL	13595	MMT-MAESTRO	APPROVED:		R. WARNER	05/11/05	PLOT SIZE SCALE:
INVAR 36 ALLOY			APPROVED:				D -
							DRAWING NUMBER:
							14188
							REVISION:
							B
FINISH	ASSEMBLY APPLICATION		CURRENT TIME/DATE/FILE LOCATION:				SHEET 1 OF 1
NONE			DRAWING ARCHIVE LOCATION: http://dovinci.as.arizona.edu/ccad/default.html				