

Contract Title: Cutting out blades, hitch parts and mounting plate
Student Name: Brian Goodwin
Date: April 9, 2007

Task:

The Task for this contract is to collaborate with John Walden and cut out the half scale corp_1 design blade, the hitch ears, and the mounting bracket for the load cell at the USDA. For these parts I will be using the plasma cutter, the vertical band saw, and the grinding wheel.

Measure of Performance:

After comparing the parts to the drawing they will be measured and the performance will be gauged by how close to the actual drawing they are. Some things that will cause problems is the CNC Plasma cutter not being able to cut the $\frac{3}{4}$ inch plate needed for the ears and the full inch plate needed for the mounting bracket. Therefore these parts will have to be done by hand with close assistance by John Walden. The dimensional accuracy for these parts will be in a larger tolerance because the parts performance is only dependent upon a shaft fitting in the holes for the ears. The mounting plates critical dimension is the distance between the holes being 3 inches apart plus or minus a quarter of an inch

Delivery Date:

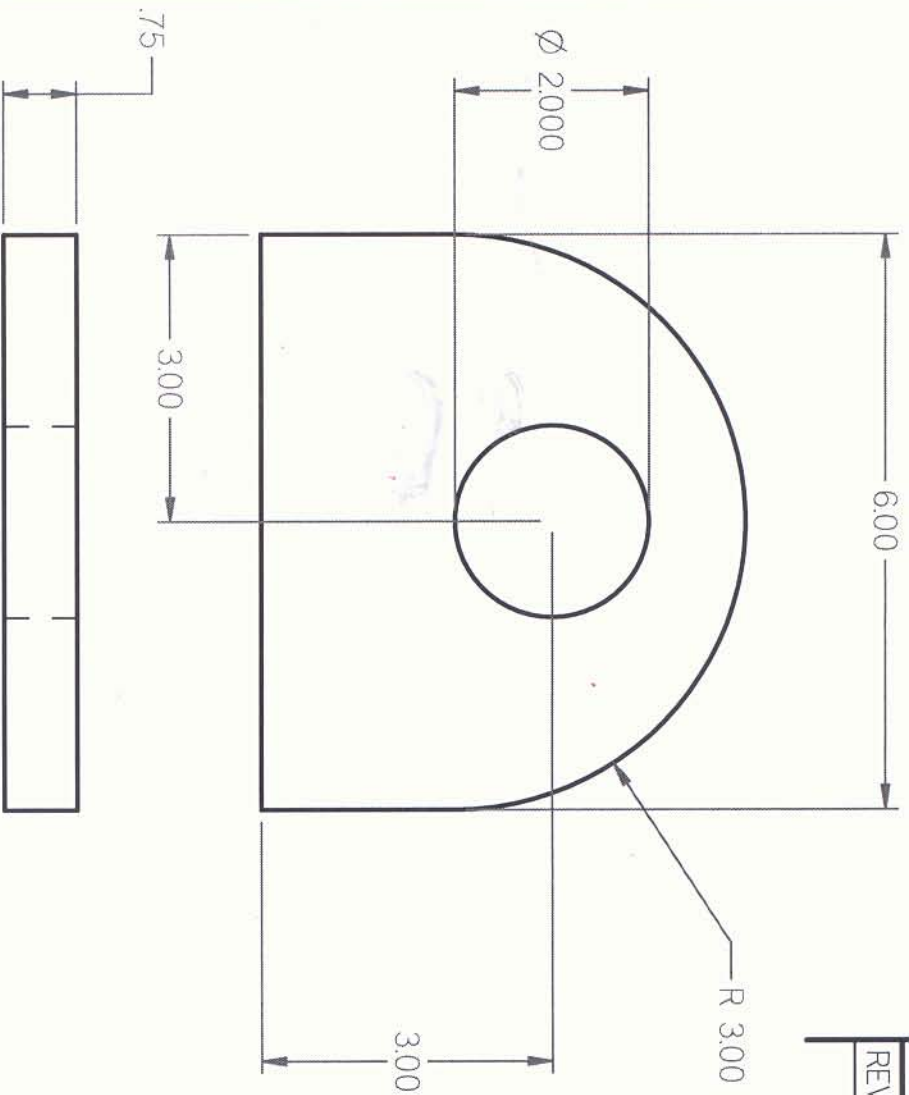
Friday April 20th


Student Signature


Managers Signature

Instructors signature

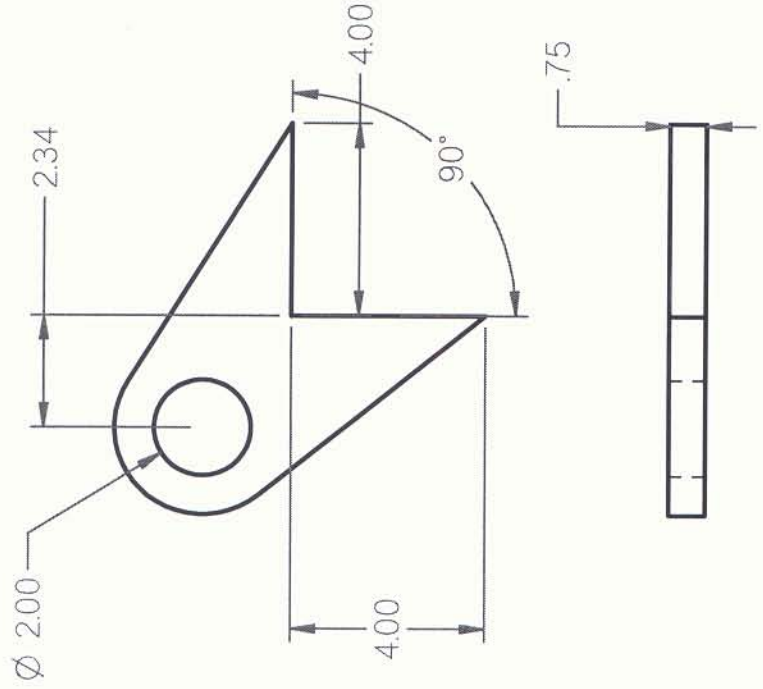
REV	DESCRIPTION	DATE	APPROVED



NAME	DATE	TITLE	SIZE	DWG NO	REV
DRAWN goodwbj	04/19/07	SOLID EDGE <i>UGS - The PLM Company</i>	A		
CHECKED					
ENG APPR					
MGR APPR					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ANGLES $\pm 5.0^\circ$ 2 PL $\pm .50$		FILE NAME: Tool Bar Mount.dft	SCALE:	WEIGHT:	SHEET 1 OF 1

REVISION HISTORY

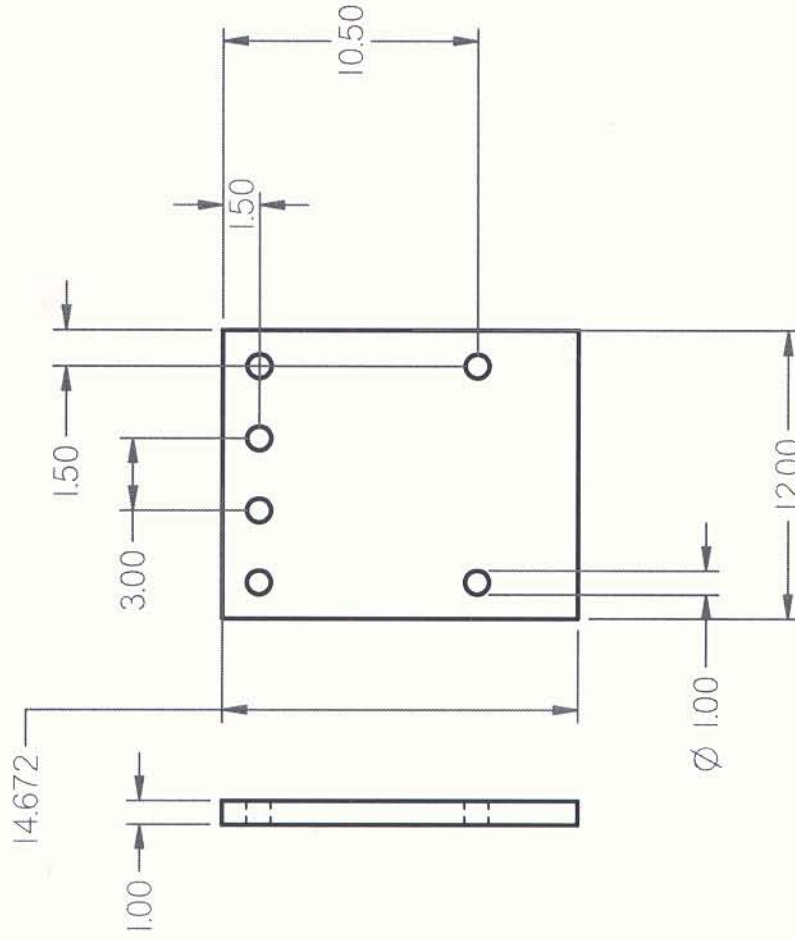
REV	DESCRIPTION	DATE	APPROVED



SOLID EDGE		UGS - The PLM Company	
TITLE		SIZE	DWG NO
		A	
NAME	DATE	REV	
goodwbj	04/17/07		
CHECKED			
ENG APPR			
MGR APPR			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ANGLES $\pm 5.0^\circ$ 2 PL $\pm .50$			
FILE NAME: Toolbar to Dyno Plate Mount Co		SCALE:	WEIGHT:
			SHEET 1 OF 1

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED



SOLID EDGE		UGS - The PLM Company	
TITLE: Dyno Plate		SIZE	DWG NO
		A	
		FILE NAME: Dyno Plate.dft	
		SCALE:	WEIGHT:
		UNLESS OTHERWISE SPECIFIED	
		DIMENSIONS ARE IN INCHES	
		ANGLES ±5.0°	
		2 PL ±.75	

NAME	DATE
goodwbj	04/23/07
CHECKED	
ENG APPR	
MGR APPR	

REV	