

ITEM NO.	PART NUMBER	QTY.
1	Frame	1
2	Motor Mount	2
3	Wheel Hub	2
4	8-in. Wheel	2
5	5-in. Caster	1
6	Linear Actuator	1
7	Computer Box	1
8	Linear Shaft	1
9	8020_Slider	1
10	Bucket Mount	1
11	Catcher	1
12	Linear Actuator Stabilizer	1
13	150rpm Motor	1
14	Ball Hopper	1
15	Hopper Mount 8020	1
16	150rpm Motor RH	1
17	Caster Mount	1
18	Linear Actuator L-Bracket	2

DATE 2-24-2009

TITLE:

Picaso Drawing 1
Team 1C
Drawing by ELP

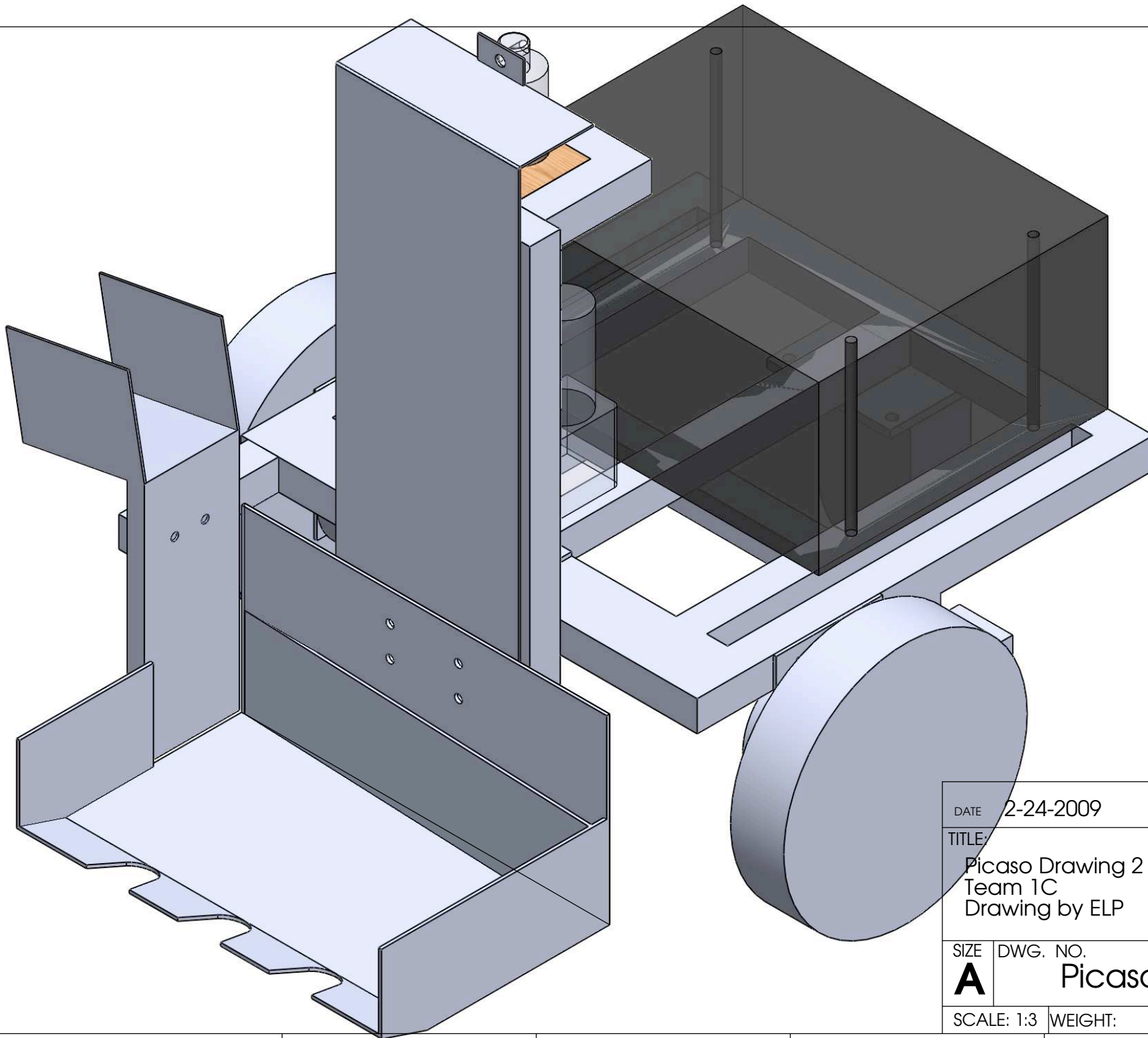
SIZE
A

DWG. NO.
Picaso

REV

SCALE: 1:12 WEIGHT:

SHEET 1 OF 4



DATE 2-24-2009

TITLE:
Picaso Drawing 2
Team 1C
Drawing by ELP

SIZE	DWG. NO.	REV
A	Picaso	

SCALE: 1:3	WEIGHT:	SHEET 2 OF 4
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5

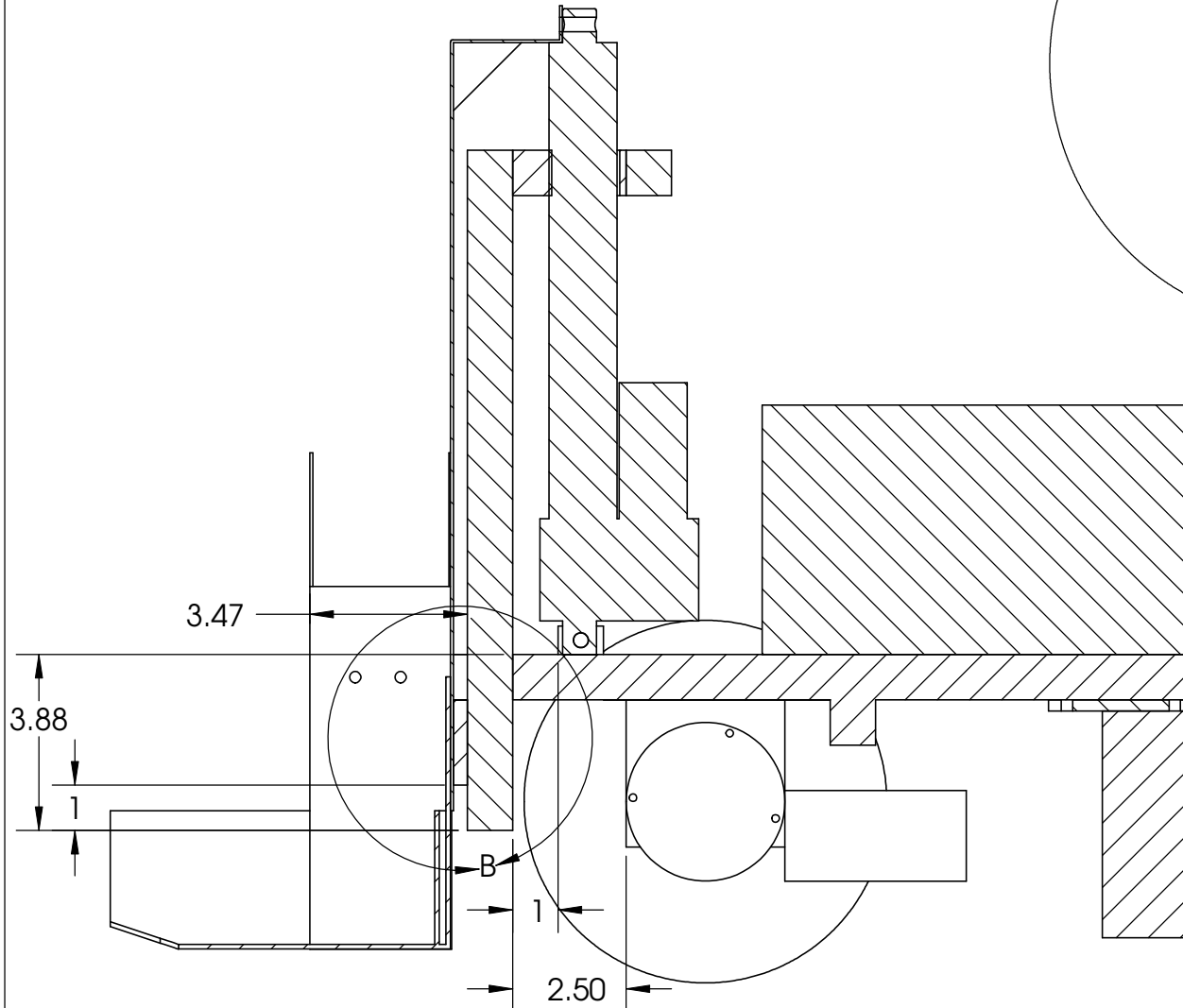
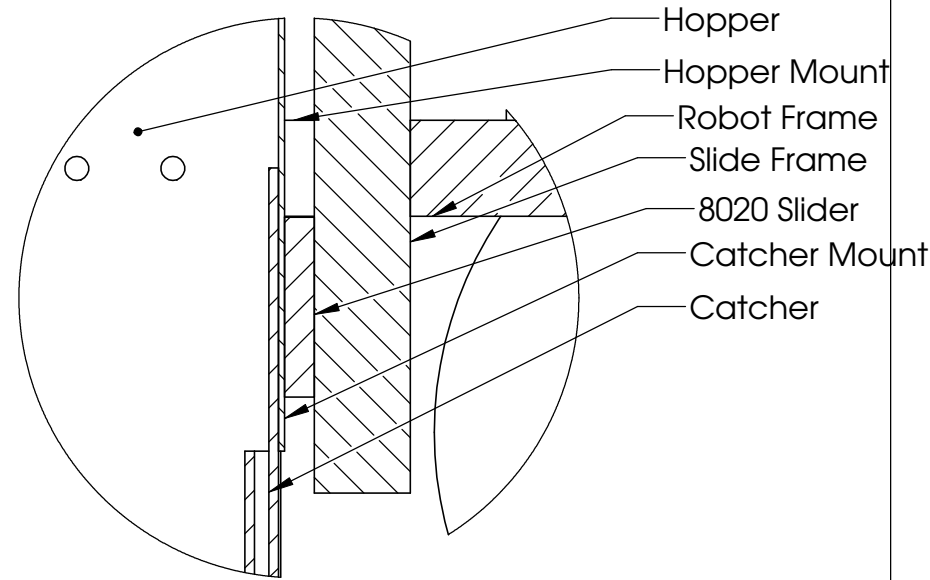
4

3

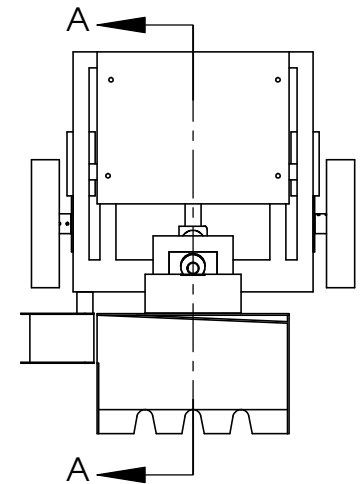
2

1

Most parts mount in an obvious position
 i.e. Flush with an edge or where screws are.
 Therefore only offset features are dimensioned.



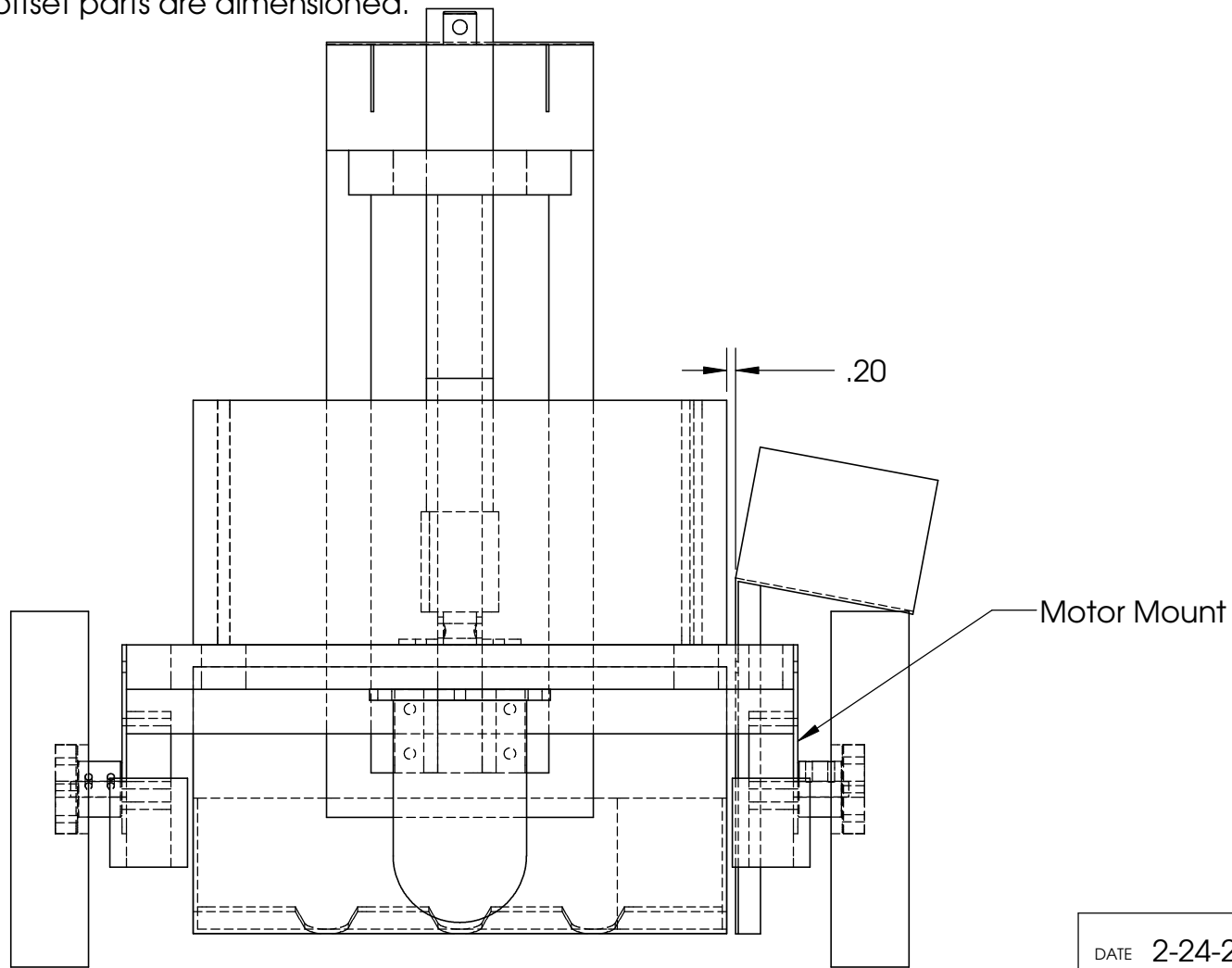
DETAIL B
 SCALE 1 : 2



SECTION A-A
 SCALE 1 : 4

DATE 2-24-2009		
TITLE: Picaso Drawing 3 Team 1C Drawing by ELP		
SIZE A	DWG. NO. Picaso	REV
SCALE: 1:12	WEIGHT:	SHEET 3 OF 4

Most every part is mounted down the center.
Exceptions are mounted in obvious positions.
i.e. Flush with an edge or where screws are.
Therefore only offset parts are dimensioned.



DATE 2-24-2009

TITLE:

Picasso Drawing 4
Team 1C
Drawing by ELP

SIZE	DWG. NO.	REV
A	Picasso	

SCALE: 1:12	WEIGHT:	SHEET 4 OF 4
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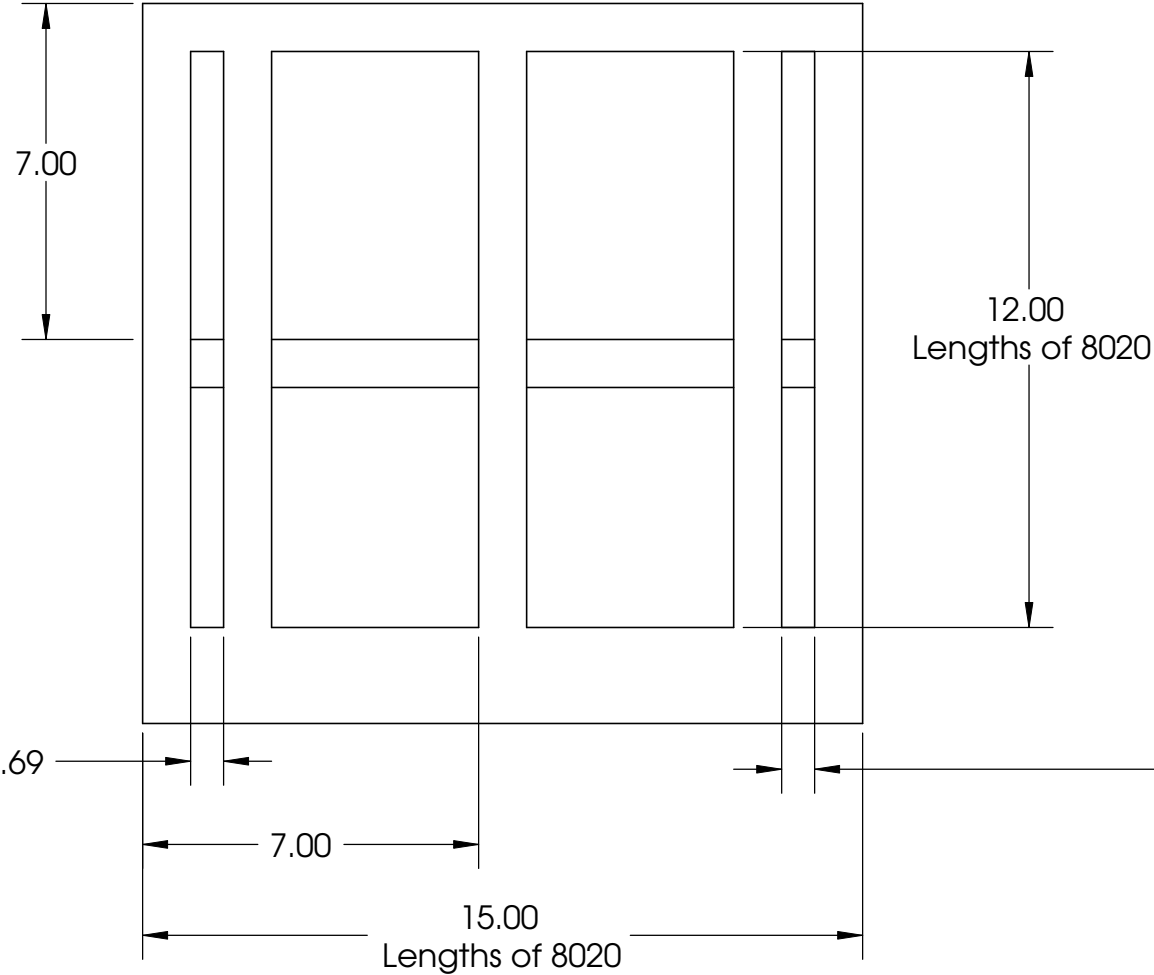
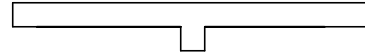
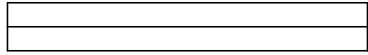
5

4

3

2

1



.69 Subject to exact fit of computer box

DATE 2-24-2009		
TITLE: Picaso Drawing 5 Team 1C Drawing by ELP		
SIZE A	DWG. NO. Frame	REV
SCALE: 1:8	WEIGHT:	SHEET 1 OF 1

Mat'l: 80/20
All dimensions within .01"

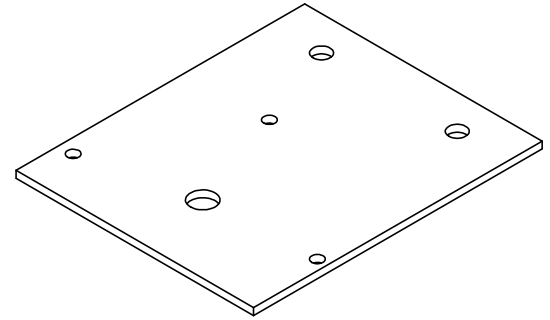
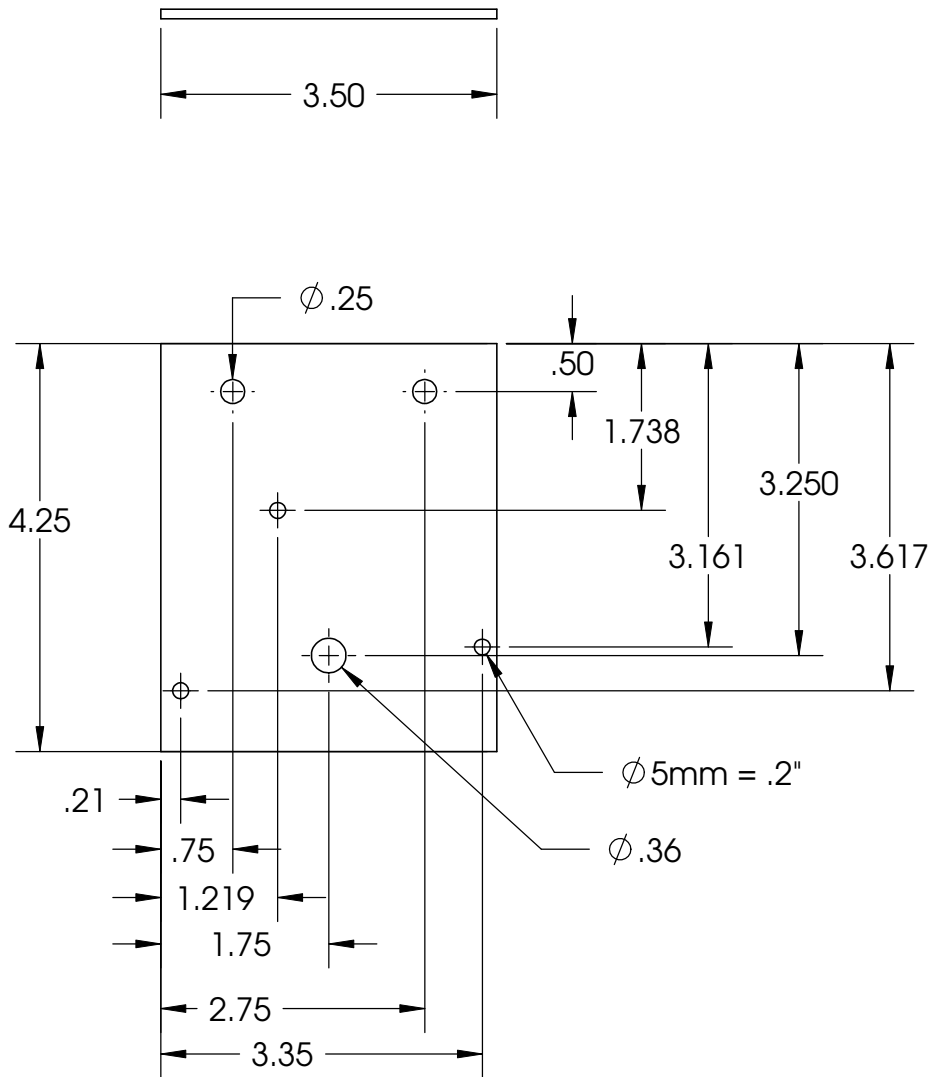
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4

3

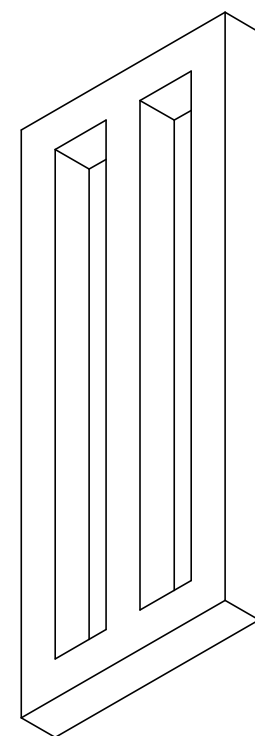
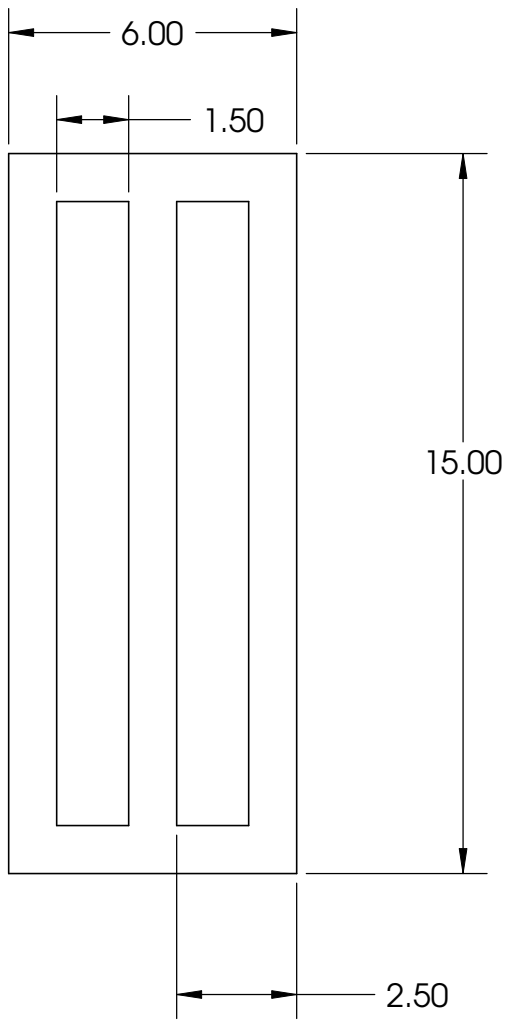
2

1



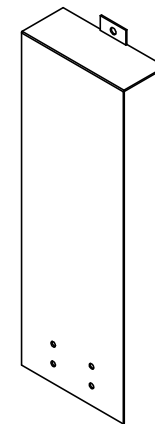
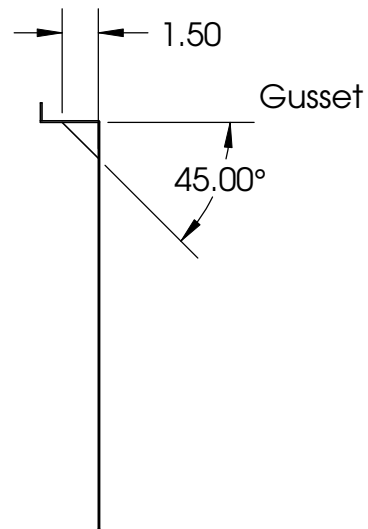
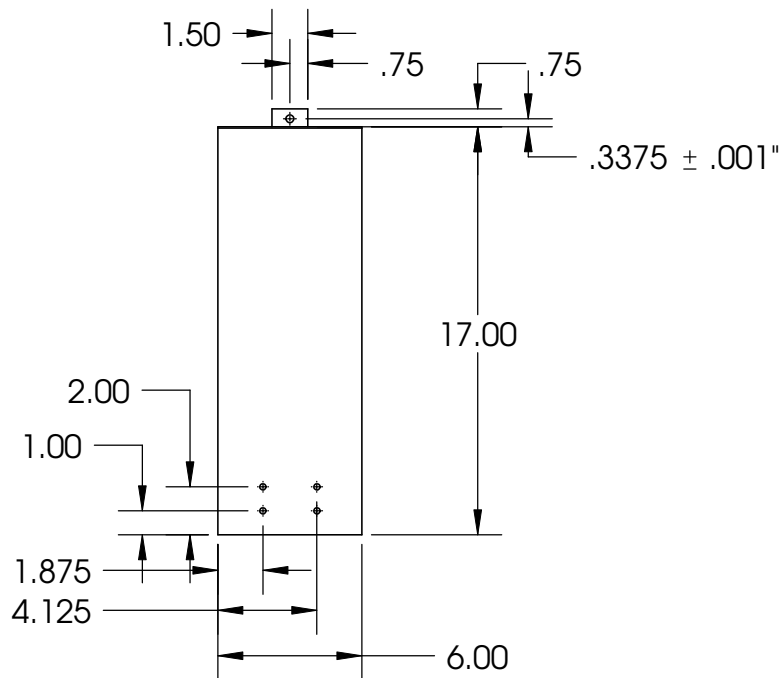
Mat'l : 1/4" Aluminum
 Hole pattern is essential, dimensions within .001"
 Reference motor information sheet when milling part.

DATE 2-24-2009		
TITLE: Picaso Drawing 6 Team 1C Drawing by ELP		
SIZE A	DWG. NO. Motor Mount	REV
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1

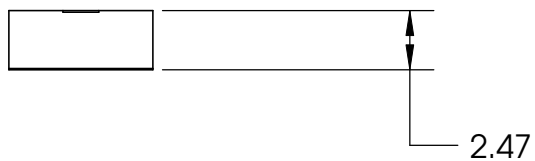


To be developed out of 80/20
Dimensions with .01"

DATE 2-24-2009		
TITLE: Picaso Drawing 7 Team 1C Drawing by ELP		
SIZE A	DWG. NO. Linear Shaft	REV
SCALE: 1:4	WEIGHT:	SHEET 1 OF 1



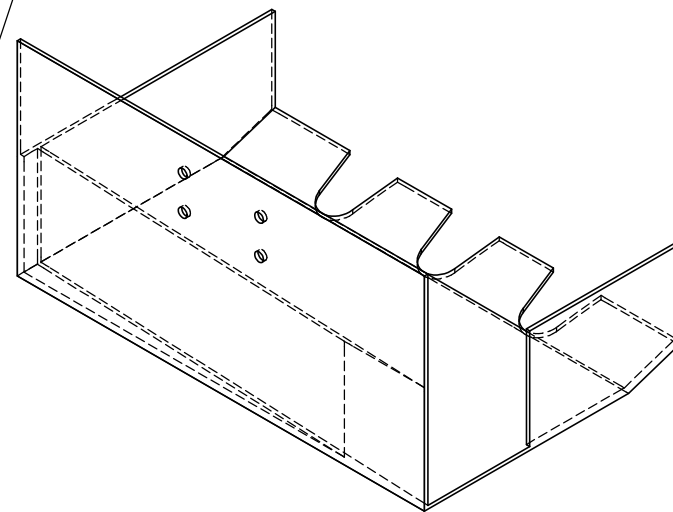
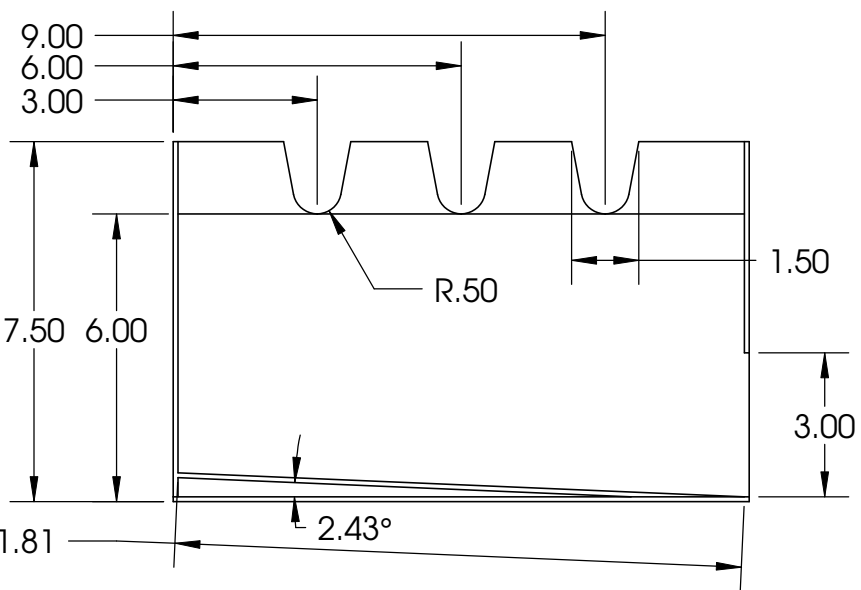
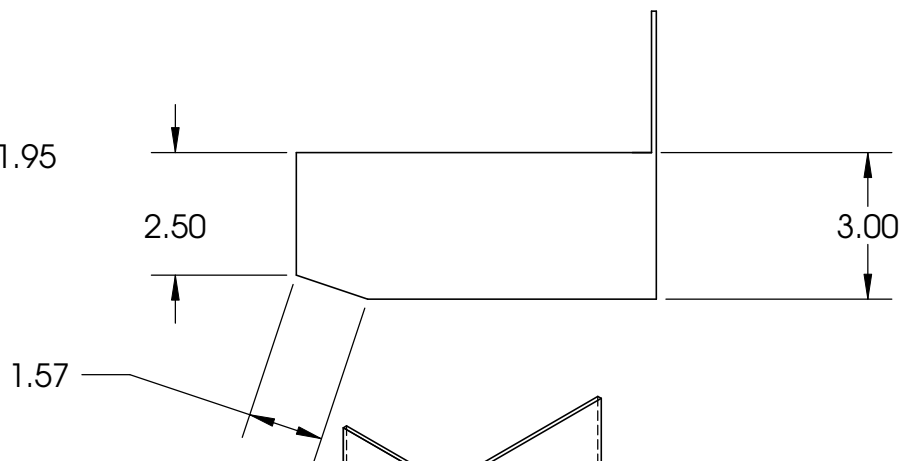
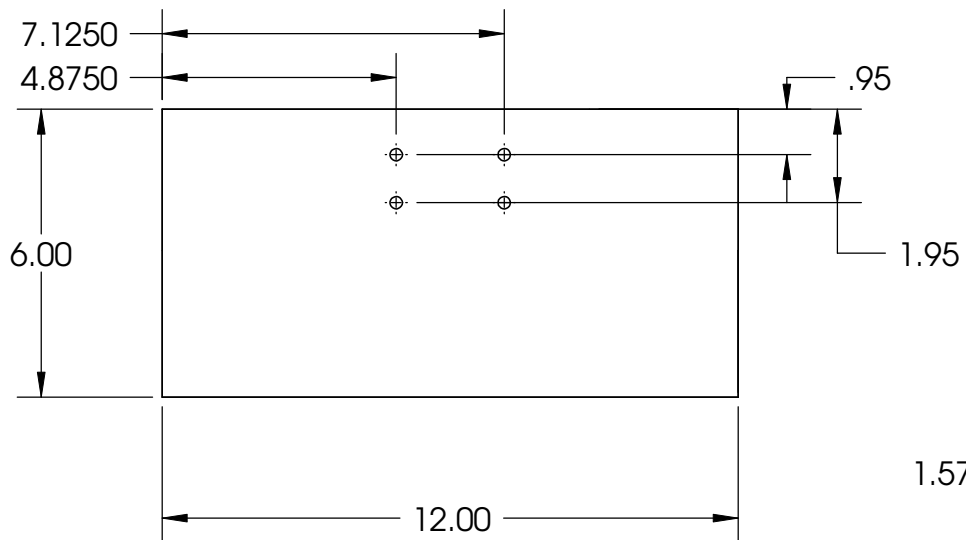
Dimensions are fine, within .001"
Hole pattern is essential to mount on slide.



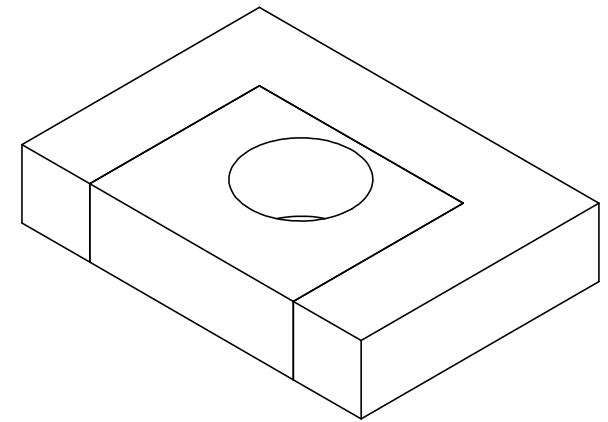
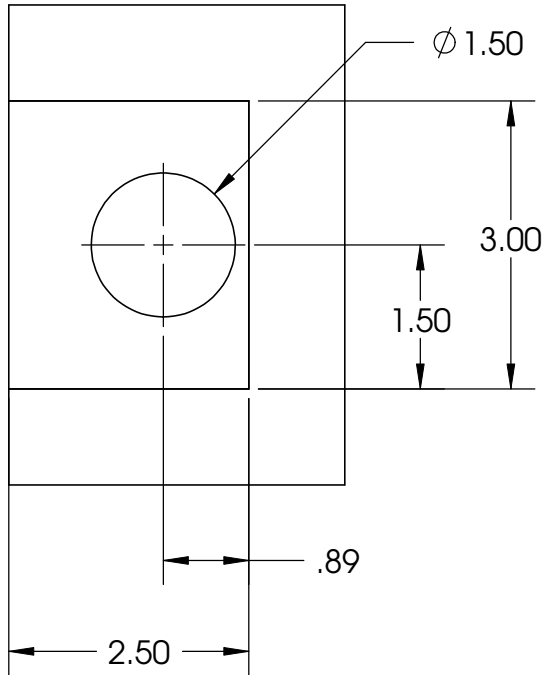
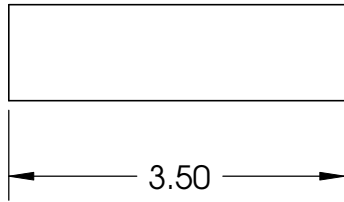
This dimension subject to precise fit.
Hold part in place and cut with this knowledge.

Mat'l: 16 Gauge Steel
All dimensions within .01" unless noted

DATE 2-24-2009		
TITLE: Picaso Drawing 8 Team 1C Drawing by ELP		
SIZE A	DWG. NO. Bucket Mount	REV
SCALE: 1:8	WEIGHT:	SHEET 1 OF 1



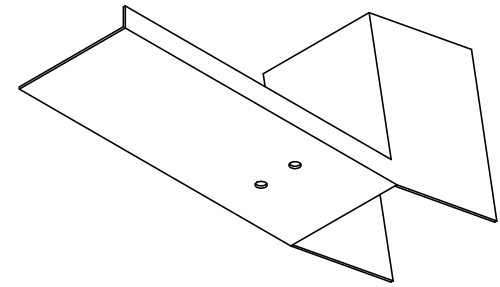
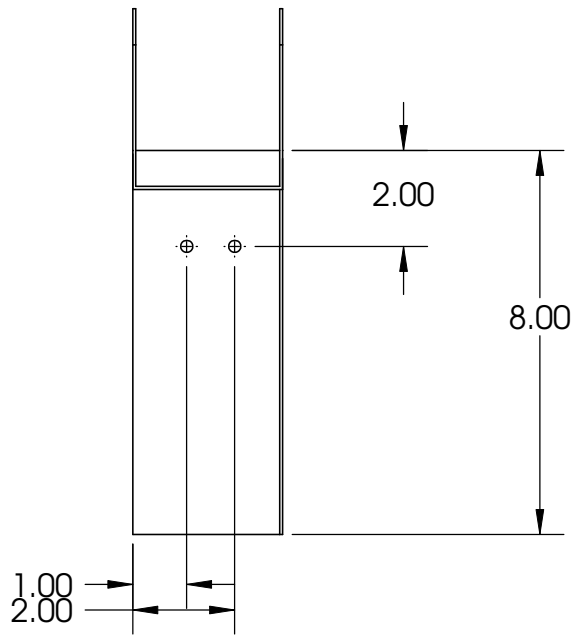
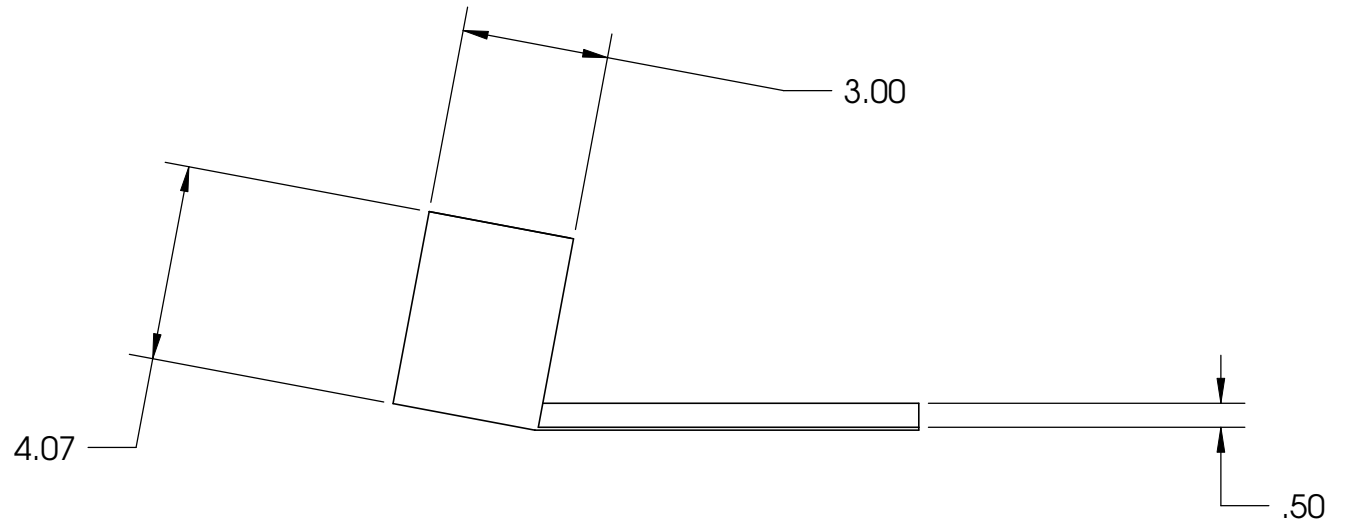
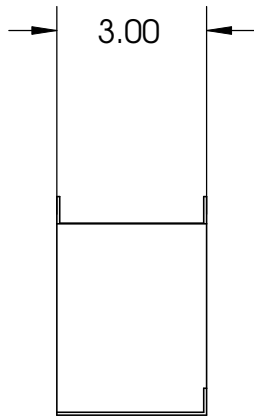
DATE 2-24-2009		
TITLE: Picaso Drawing 9 Team 1C Drawing by ELP		
SIZE A	DWG. NO. Catcher	REV
SCALE: 1:4	WEIGHT:	SHEET 1 OF 1



Frame is 80/20; Innards are wood
 Hole may only be larger, not smaller.
 Dimensions within .01"

DATE 2-24-2009		
TITLE: Picaso Drawing 10 Team 1C Drawing by ELP		
SIZE	DWG. NO.	REV
SCALE: 1:2		WEIGHT:
SHEET 1 OF 1		

Linear Actuator Stabilizer



Mat'l : 16 Gauge Steel
 All dimensions within .01"

DATE 2-24-2009

TITLE:

Picasso Drawing 11
 Team 1C
 Drawing by ELP

SIZE

DWG. NO.

REV

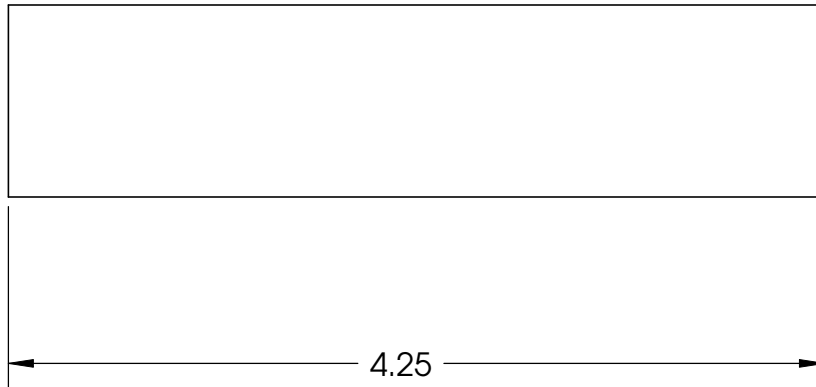
A

Ball Hopper

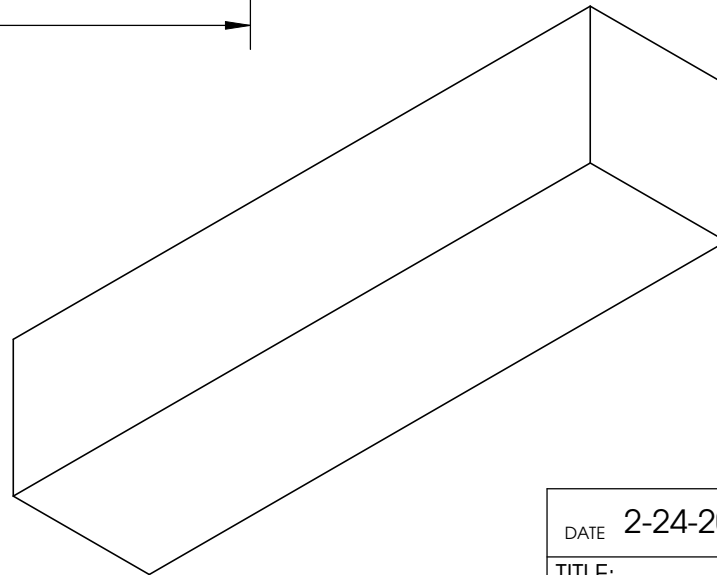
SCALE: 1:4

WEIGHT:

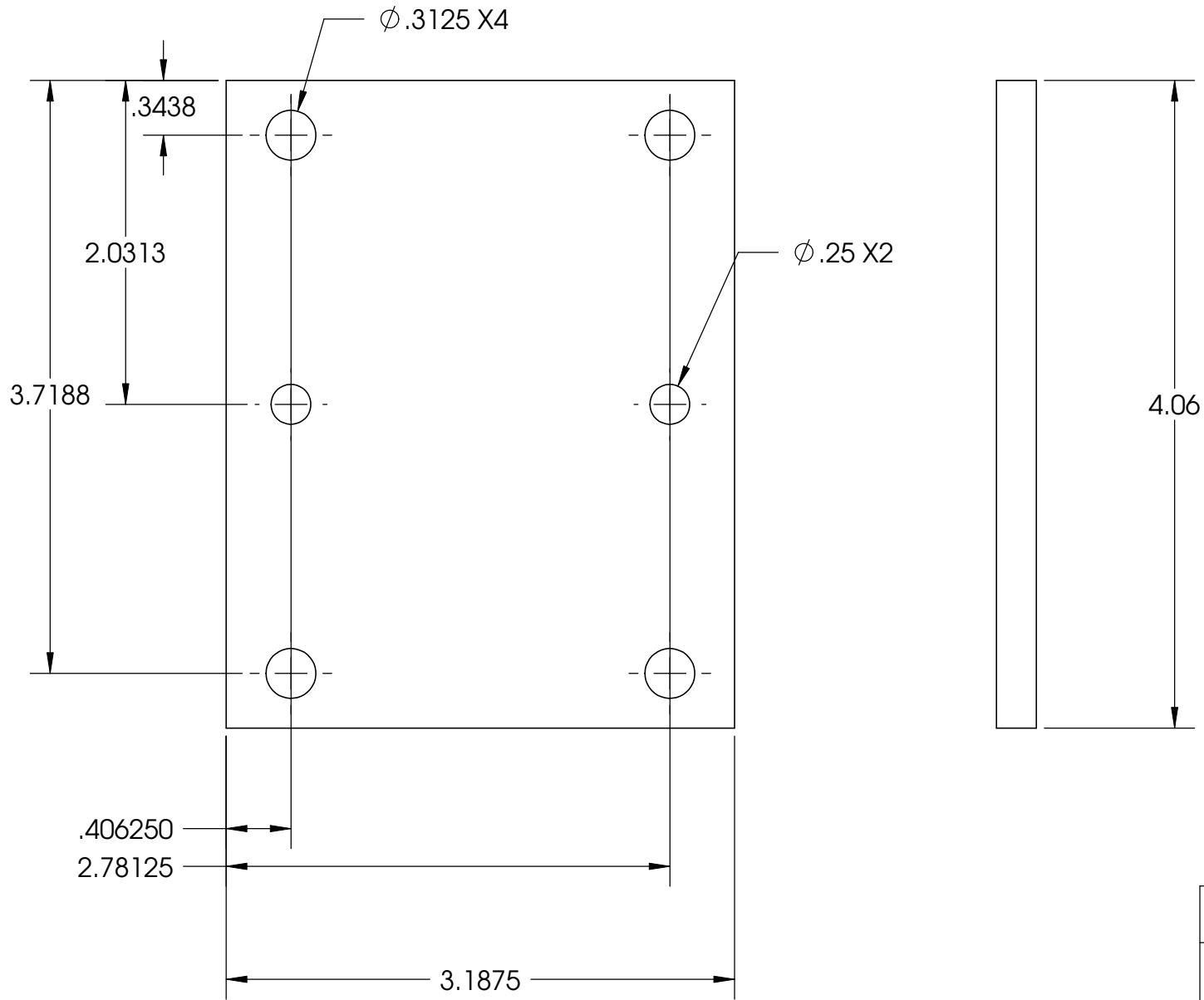
SHEET 1 OF 1



Length of 80/20
Dimension does not need to be exact.

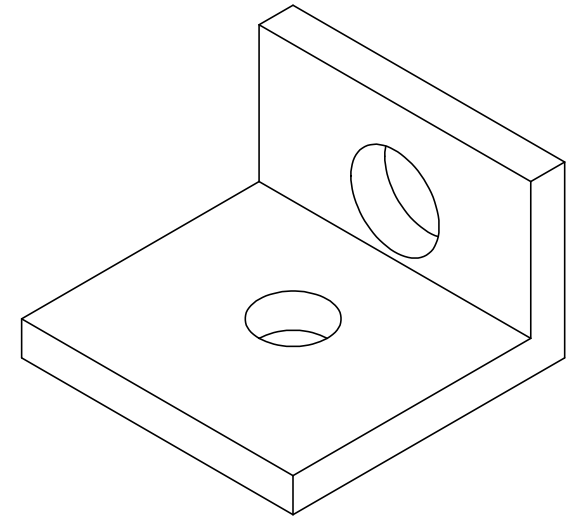
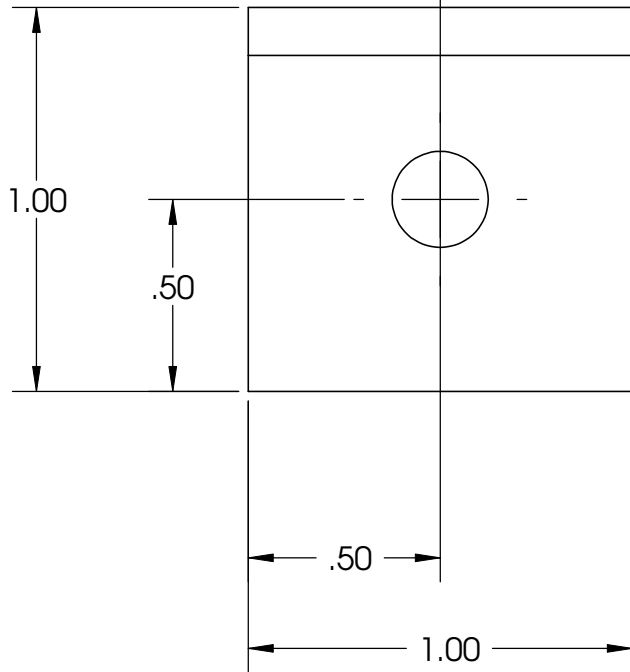
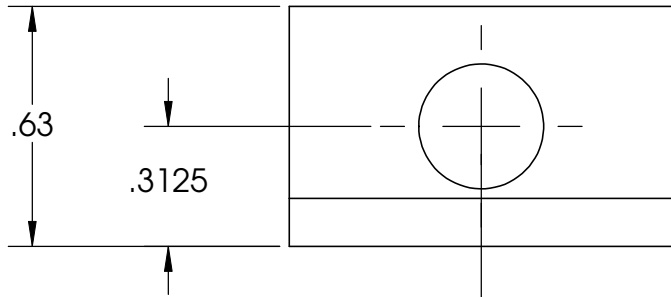


DATE 2-24-2009		
TITLE: Picaso Drawing 12 Team 1C Drawing by ELP		
SIZE	DWG. NO.	REV
opper Mount 8020		
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1



Mat'l : 1/4" Aluminum
 Dimensions precise, within .001"
 Reference the 5" Caster wheel if necessary

DATE 2-24-2009		
TITLE: Picaso Drawing 13 Team 1C Drawing by ELP		
SIZE A	DWG. NO. Caster Mount	REV
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1



Mat'l: Aluminum Angle 3/16" thick
 Dimensions within .001"

DATE 2-24-2009		
TITLE: Picaso Drawing 14 Team 1C Drawing by ELP		
SIZE	DWG. NO.	REV
SCALE: 2:1		WEIGHT:
SHEET 1 OF 1		

Linear Actuator L-Bracket