

NOTES: (UNLESS OTHERWISE SPECIFIED)
 1. BREAK ALL SHARP EDGES .2/.5 X 45°
 2. ALL DIMENSIONS IN MILLIMETER

4x, 2-56 UNC-2B, THRU FRONT WALL
 ϕ 6.60 mm, ∇ 2.92 mm

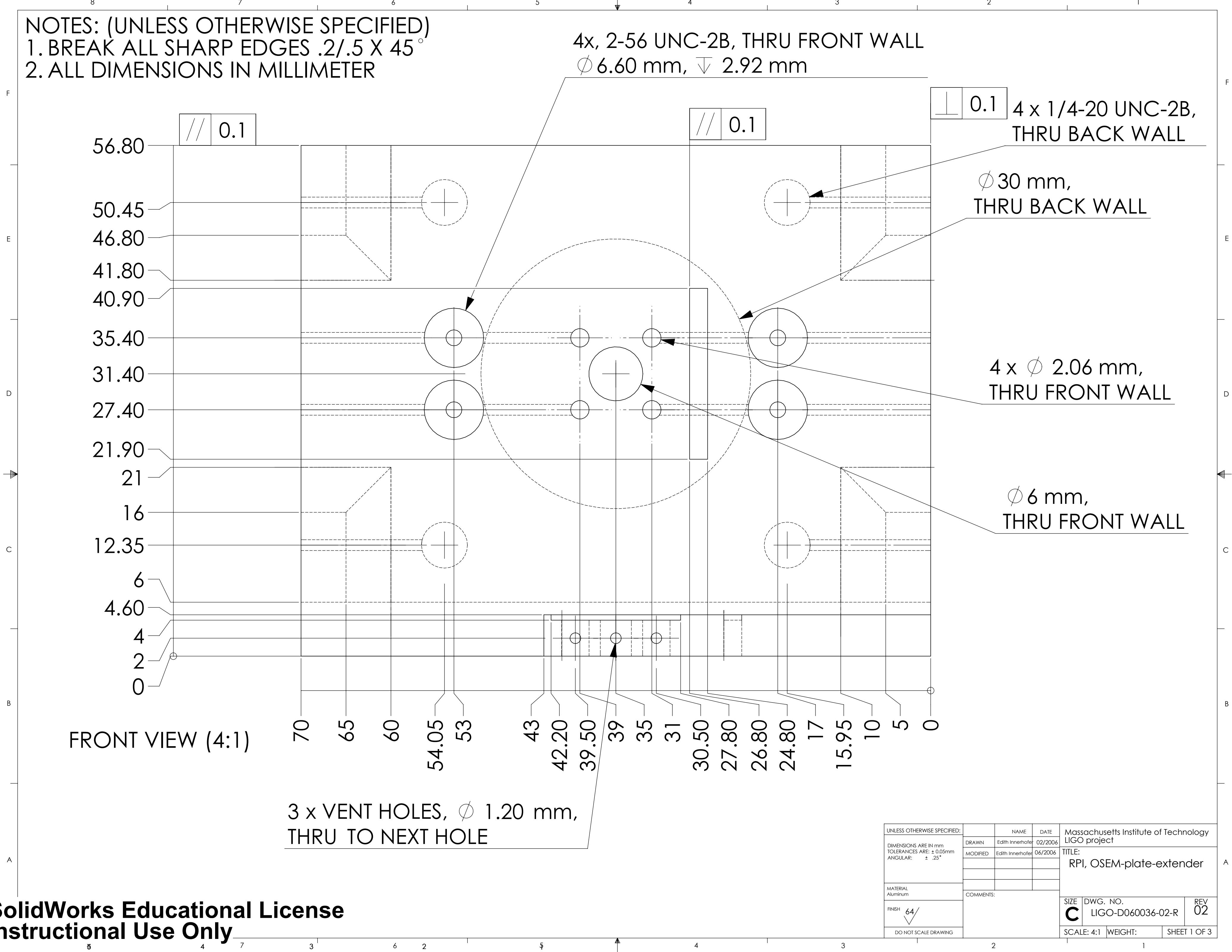
\perp 0.1 4 x 1/4-20 UNC-2B,
 THRU BACK WALL

ϕ 30 mm,
 THRU BACK WALL

4 x ϕ 2.06 mm,
 THRU FRONT WALL

ϕ 6 mm,
 THRU FRONT WALL

3 x VENT HOLES, ϕ 1.20 mm,
 THRU TO NEXT HOLE



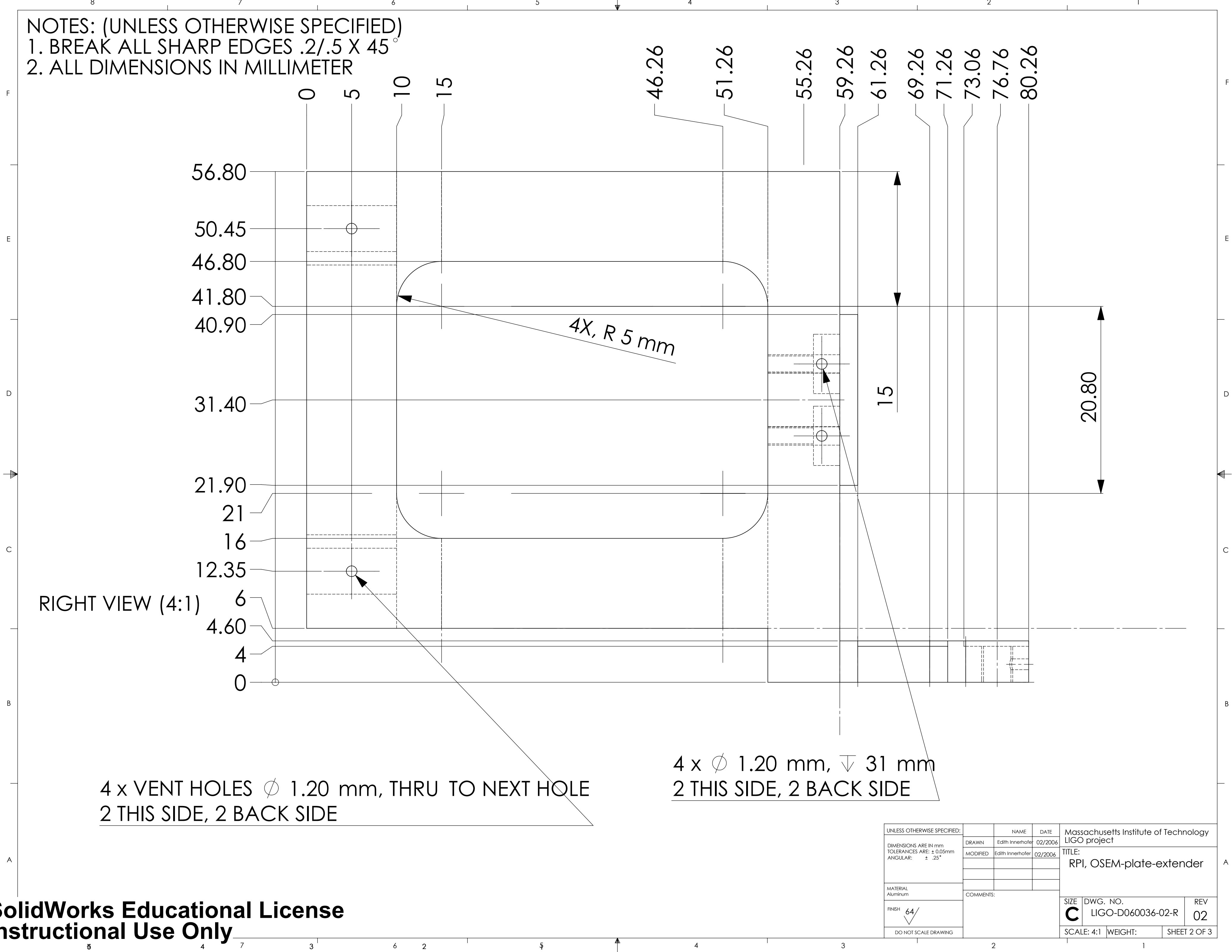
FRONT VIEW (4:1)

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Massachusetts Institute of Technology LIGO project
DIMENSIONS ARE IN mm TOLERANCES ARE: \pm 0.05mm ANGULAR: \pm .25°		DRAWN Edith Innerhofer	02/2006	
MATERIAL Aluminum		MODIFIED Edith Innerhofer	06/2006	TITLE: RPI, OSEM-plate-extender
FINISH 64		COMMENTS:		SIZE C
DO NOT SCALE DRAWING				DWG. NO. LIGO-D060036-02-R
				REV 02
				SCALE: 4:1
				WEIGHT:
				SHEET 1 OF 3

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. BREAK ALL SHARP EDGES .2/.5 X 45°

2. ALL DIMENSIONS IN MILLIMETER



RIGHT VIEW (4:1)

4 x VENT HOLES ϕ 1.20 mm, THRU TO NEXT HOLE
2 THIS SIDE, 2 BACK SIDE

4 x ϕ 1.20 mm, ∇ 31 mm
2 THIS SIDE, 2 BACK SIDE

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Massachusetts Institute of Technology LIGO project	
DIMENSIONS ARE IN mm		DRAWN	Edith Innerhofer	02/2006	TITLE: RPI, OSEM-plate-extender
TOLERANCES ARE: \pm 0.05mm		MODIFIED	Edith Innerhofer	02/2006	
ANGULAR: \pm .25°		COMMENTS:			SIZE
MATERIAL Aluminum					DWG. NO.
FINISH 64					LIGO-D060036-02-R
DO NOT SCALE DRAWING					REV
					02
					SCALE: 4:1
					WEIGHT:
					SHEET 2 OF 3

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. BREAK ALL SHARP EDGES .2/.5 X 45°

2. ALL DIMENSIONS IN MILLIMETER

2 x ϕ 3.05 mm, THRU ALL

8-32 UNC-2B THRU ALL

4x, R 5mm

3x, FILET R 2mm

TOP VIEW (3:1)

0 5 10 15.95 17 21 23 24.80 26.80 27.80 30.50 31 35 39 39.50 41 42.20 43 53 54.05 60 65 70

80.26
76.76
73.26
73.06
71.26
69.26
61.26
59.26
57.26
51.26
46.26

15
10
8
5
0

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Massachusetts Institute of Technology LIGO project	
DIMENSIONS ARE IN mm		DRAWN	Edith Innerhofer	02/2006	TITLE: RPI, OSEM-plate-extender
TOLERANCES ARE: \pm 0.05mm		MODIFIED	Edith Innerhofer	06/2006	
ANGULAR: \pm .25°		COMMENTS:		SIZE	DWG. NO.
MATERIAL Aluminum				C	LIGO-D060036-02-R
FINISH 64				SCALE: 3:1	WEIGHT:
DO NOT SCALE DRAWING					REV 02
					SHEET 3 OF 3