

| REVISIONS | | | | |
|-----------|-----|---------------|------|-------|
| ZONE | REV | DESCRIPTION | DATE | APPRV |
| - | - | INITIAL ISSUE | - | - |

| Parts List | | | | | | | |
|------------|------|---------|----------|-------------------|--------------------------|------------------------|--------|
| ITEM NO. | QTY. | DET_SHT | ASSY_SHT | DESCRIPTION | MATERIAL | SIZE | WEIGHT |
| 1 | 5 | - | 1 | O-RING - INLET | PARKER | 2-223, VITON | 0.004 |
| 2 | 4 | 2 | 1 | CLAMP RING | STAINLESS STEEL | 2.44 DIA x .25.25 LG | 0.154 |
| 3 | 2 | 18 | 1 | CLAMP SLEEVE | STAINLESS STEEL | 2.38 DIA x .75 LG | 0.162 |
| 4 | 2 | 3 | 1 | ENTRANCE HORIZ. | ALUM | 4.75 DIA x 6.28 LG | 1.055 |
| 5 | 3 | - | 1 | O-RING - OUTLET | PARKER | 2-243, VITON | 0.007 |
| 6 | 2 | 18 | 1 | INSULATOR | DELTRIN, BLACK | 4.75 DIA x 1.50 LG | 0.225 |
| 7 | 4 | - | 1 | V-BAND CLAMP | CLAMPSCO | V-07-352-00N-0490-S2 | 0.503 |
| 8 | 1 | - | 1 | BNC CONNECTOR | PLATED BRASS | - | 0.026 |
| 9 | 2 | - | 1 | SHCS, #6-32 | SHCS | #6-32 x 0.75 LG | 0.001 |
| 10 | 1 | 4 | 1 | LADDER UPPER CAP | DELTRIN, BLACK | 1.38 DIA x 1.38 LG | 0.096 |
| 11 | 1 | 5 | 1 | LADDER HOLDER | DELTRIN, BLACK | 2.50 DIA x 5.63 LG | 0.322 |
| 12 | 1 | 16 | 1 | LADDER CAP | STAINLESS STEEL | 2.81 DIA x .63 LG | 0.284 |
| 13 | 1 | 6 | 1 | ENTRANCE VERT. 01 | STAINLESS STEEL | 2.63 x 1.60 LG | 0.587 |
| 14 | 1 | - | 1 | O-RING - LADDER | PARKER | 2-201, VITON | 0.001 |
| 15 | 1 | 8 | 1 | LADDER CAP SEAL | STAINLESS STEEL | 1.34 DIA x .13 LG | 0.046 |
| 16 | 1 | 8 | 1 | GROMMET | STAINLESS STEEL | 2.38 DIA x .19 LG | 0.076 |
| 17 | 1 | - | 1 | DOWEL, 3-32 DIA | DOWEL | .09 DIA x .75 LG | 0.0014 |
| 18 | 1 | 9 | 1 | LADDER SHAFT | STAINLESS STEEL | .25 DIA x 5.38 LG | 0.073 |
| 19 | 1 | 9 | 1 | LADDER, LOWER | STAINLESS STEEL | .13 x .88 x 3.63 | 0.017 |
| 20 | 4 | 10 | 1 | TARGET | STAINLESS STEEL | .016 x .75 x 1.13 | 0.002 |
| 21 | 1 | 11 | 1 | SPHERE, LH | ALUM | 8.00 SPHR x .06 WALL | 0.778 |
| 22 | 1 | - | - | O-RING - SPHERE | PARKER | 2-262, VITON | 0.012 |
| 23 | 1 | 11 | 1 | SPHERE, RH | ALUM | 8.00 SPHR x .06 WALL | 0.372 |
| 24 | 1 | 12 | 1 | FLANGE | ALUM | 7.52 DIA x .28 LG | 0.119 |
| 25 | 1 | 13 | 1 | FLANGE 02 | ALUM | 7.68 DAI x .23 LG | 0.130 |
| 26 | 2 | - | 1 | PC BOARD | MICRON SEMICONDUCTOR LTD | DESIGN S2, P/N NFP-64A | 0.082 |
| 27 | 2 | 14 | 1 | PCB BRACKET | ALUM | .50 x 1.93 x 3.85 | 0.023 |
| 28 | 2 | - | 1 | SOCKET | YAMAICHI | NFS-64A-0110BF | 0.026 |
| 29 | 1 | 15 | 1 | PCB BRACKET 02 | ALUM | .25 x 2.50 x 2.50 | 0.076 |
| 30 | 1 | 16 | 1 | LOWER CAP | ALUM | 5.38 DIA x .75 LG | 1.082 |
| 31 | 2 | - | 1 | PLUG MOUNT | ALUM | .75 x 1.00 x 3.63 | 0.156 |
| 32 | 6 | - | 1 | PLUG | YAMAICHI | NFP-64A-012-2-BF | 0.011 |
| 33 | 1 | 17 | 1 | ENTRANCE, LOWER | ALUM | 5.38 DIA x 3.78 LG | 0.760 |
| 34 | 1 | 18 | 1 | CLAMP SLEEVE 02 | STAINLESS STEEL | 2.38 DIA x 1.00 LG | 0.321 |

NOTE: DO NOT SCALE DRAWING !
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DIMENSIONS ARE IN:
☐ INCHES [mm] ☐ mm [IN]

x.xx [x.x] ± .010 [.3]
x.xxx [x.xxx] ± .005 [.13]
x.xxxx [x.xxxx] ± .0005 [.013]
xx/xx ± 1/32
x' ± 1'

UNIVERSITY OF ROCHESTER
DEPT. OF PHYSICS AND ASTRONOMY
SIDNEY W. BARNES RESEARCH LABORATORY

TIGRESS CHAMBER

THIRD ANGLE PROJECTION



| | | | |
|----------|-----|------|---------|
| DRAWN | RSF | DATE | 3/24/06 |
| CHECKED | - | DATE | - |
| APPROVED | - | DATE | - |

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SIZE: DWG NO
D CHAMBER

SCALE 1:2.5 SHEET 1 OF 18

REV

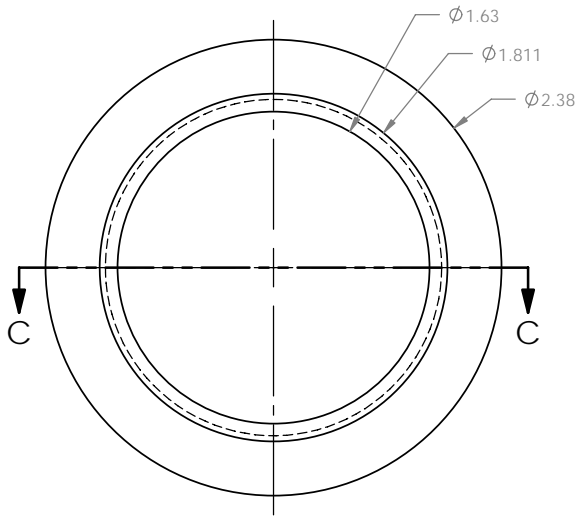
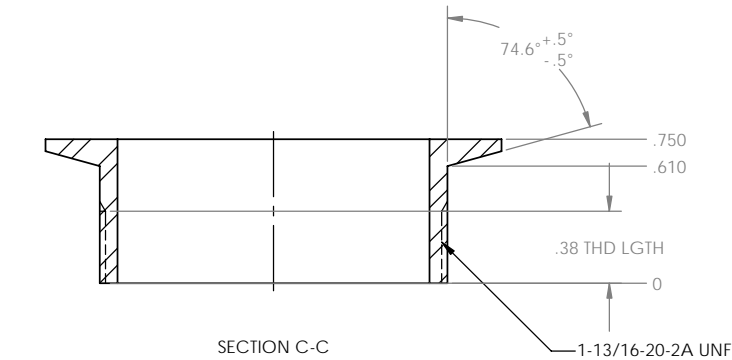
-

WEIGHT: 11.38 LBS

1

FILE: CHAMBER

| REVISIONS | | | | |
|-----------|-----|---------------|------|-------|
| ZONE | REV | DESCRIPTION | DATE | APPRV |
| - | - | INITIAL ISSUE | - | - |

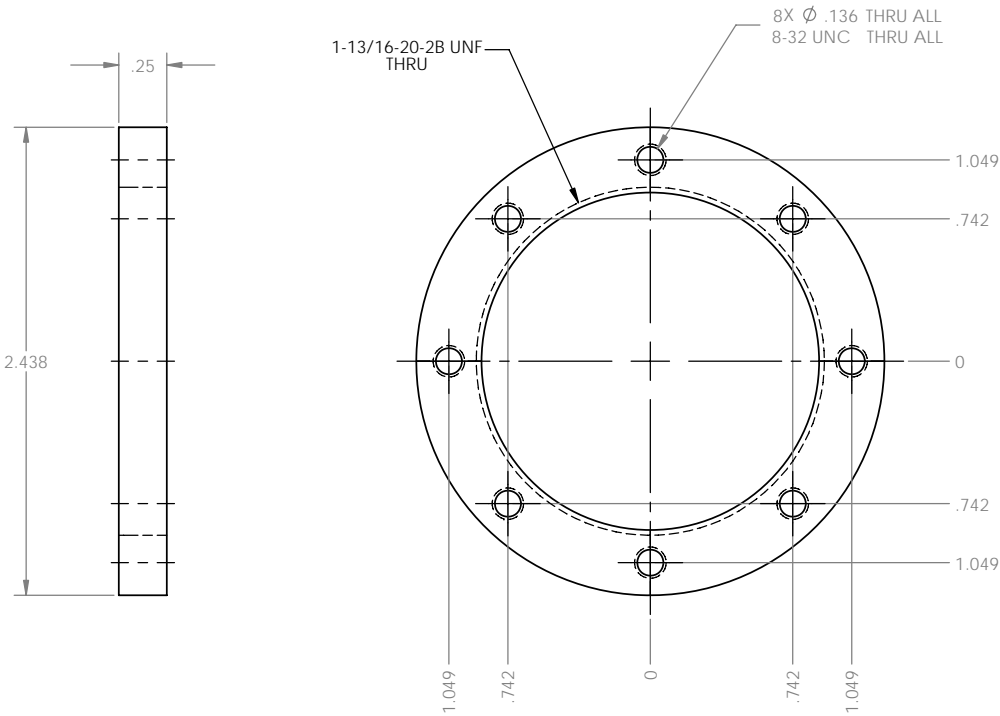


3 NAME: CLAMP SLEEVE
QTY: 2
MAT'L: STAINLESS STEEL
HARD'N: -
FINISH: -
SIZE/TYPE: 2.38 DIA x .75 LG
WEIGHT: 0.162

| | | | |
|---|--|---|----------------------------------|
| NOTE: DO NOT SCALE DRAWING ! ALL TOLERANCES UNLESS OTHERWISE SPECIFIED ARE DIMENSIONS ARE IN: <input checked="" type="checkbox"/> INCHES [mm] <input type="checkbox"/> mm [IN] x.xx [x.x] ± .010 [.3] x.xxx [x.xx] ± .005 [.13] x.xxxx [x.xxx] ± .0005 [.013] xx/xx ± 1/32 x' ± 1' | | UNIVERSITY OF ROCHESTER DEPT. OF PHYSICS AND ASTRONOMY SIDNEY W. BARNES RESEARCH LABORATORY | |
| | | TITLE TIGRESS CHAMBER | THIRD ANGLE PROJECTION |
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| | | SIZE [DWG NO] SCALE 2:1 SHEET 2 OF 18 | REV CHAMBER - |

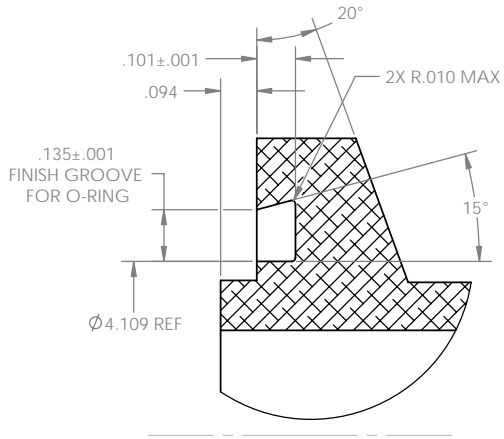
WEIGHT: 0.154 LBS

FILE: CHAMBER

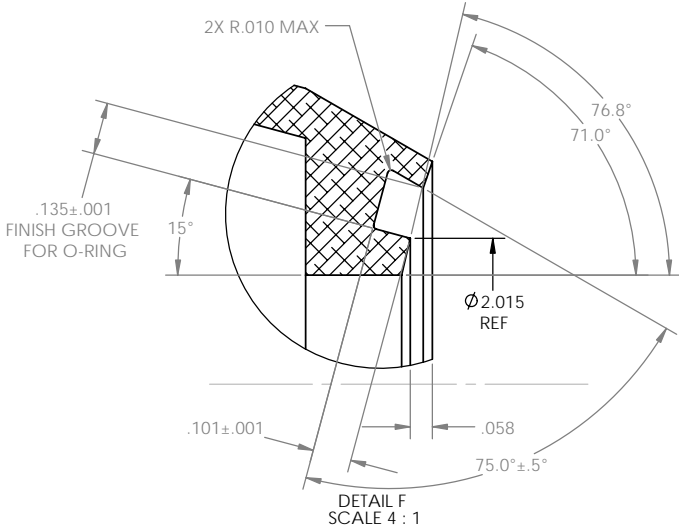


2 NAME: CLAMP RING
QTY: 4
MAT'L: STAINLESS STEEL
HARD'N: -
FINISH: -
SIZE/TYPE: 2.44 DIA x .25.25 LG
WEIGHT: 0.154

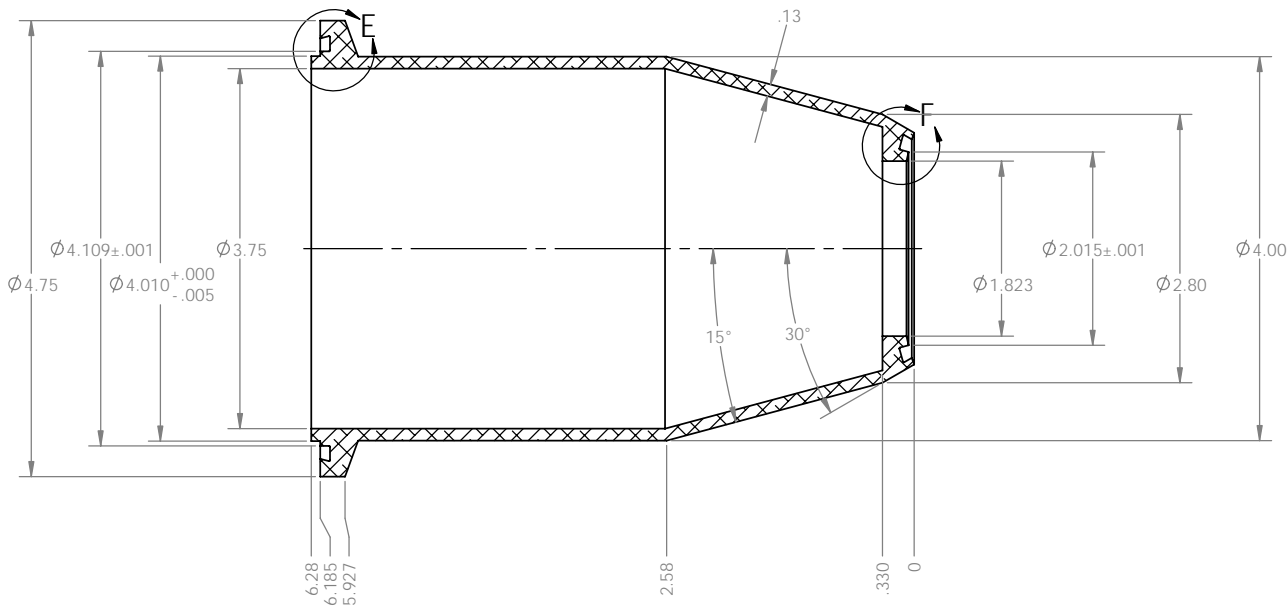
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|-----------|-----|---------------|------|-------|
| ZONE | REV | DESCRIPTION | DATE | APPRV |
| - | - | INITIAL ISSUE | - | - |



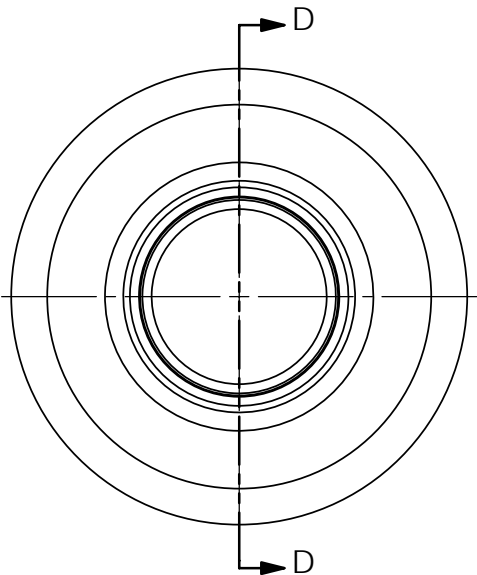
DETAIL E
SCALE 4 : 1




DETAIL F
SCALE 4 : 1



SECTION D-D

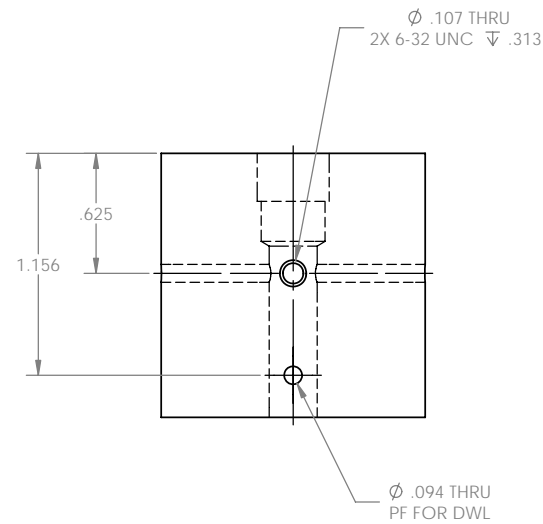
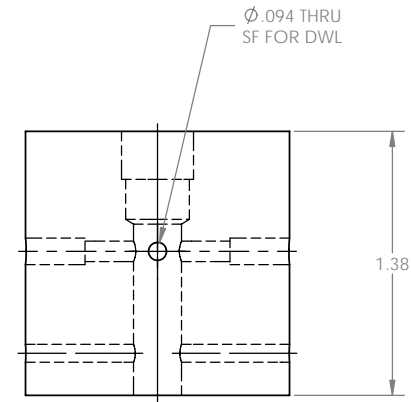
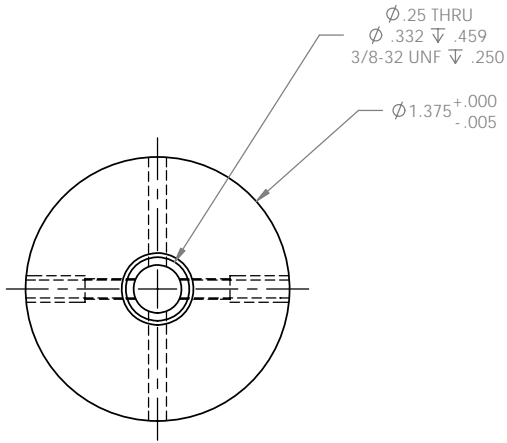


4 NAME: ENTRANCE HORIZ
QTY: 2
MAT'L: ALUM
HARD'N: -
FINISH: -
SIZE/TYPE: 4.75 DIA x 6.28 LG
WEIGHT: 1.055

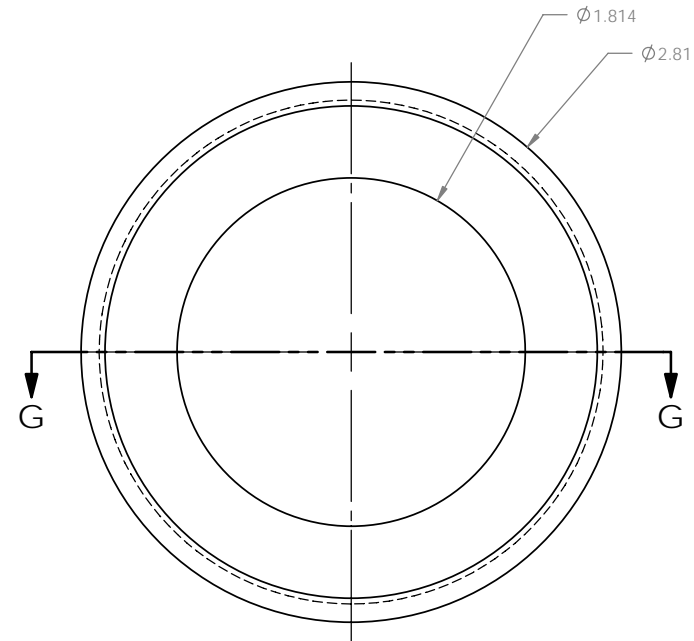
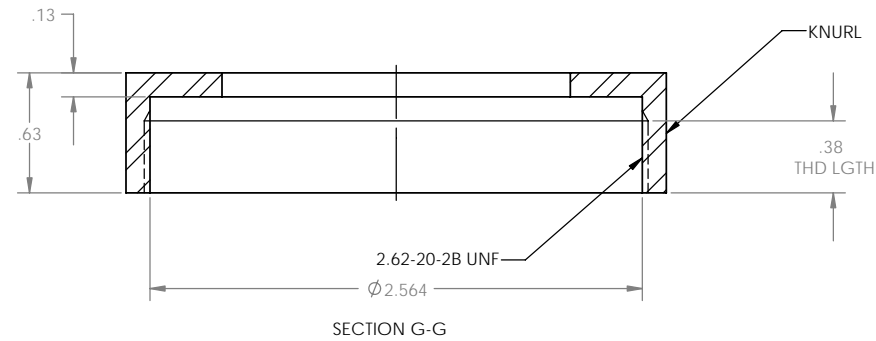
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|---|--|---|----------------------------------|
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| THIRD ANGLE PROJECTION  | | DRAWN RSF CHECKED - APPROVED - | DATE 3/24/06 DATE - DATE - |
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WEIGHT: 1.055 LBS

FILE: CHAMBER



10 NAME: LADDER UPPER CAP
QTY: 1
MAT'L: DELRIN, BLACK
HARD'N: -
FINISH: -
SIZE/TYPE: 1.38 DIA x 1.38 LG
WEIGHT: 0.096



12 NAME: LADDER CAP
QTY: 1
MAT'L: STAINLESS STEEL
HARD'N: -
FINISH: -
SIZE/TYPE: 2.81 DIA x .63 LG
WEIGHT: 0.284

NOTE: DO NOT SCALE DRAWING !
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DIMENSIONS ARE IN:
☑ INCHES [mm] ☐ mm [IN]

x.xx [x,x] ± .010 [.3]
x.xxx [x,xx] ± .005 [.13]
x.xxxx [x,xxx] ± .0005 [.013]
xx/xx ± 1/32
x' ± 1"

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TIGRESS CHAMBER

THIRD ANGLE PROJECTION

DRAWN RSF DATE 3/24/06
CHECKED - DATE -
APPROVED - DATE -

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D CHAMBER
SCALE 2:1 SHEET 4 OF 18

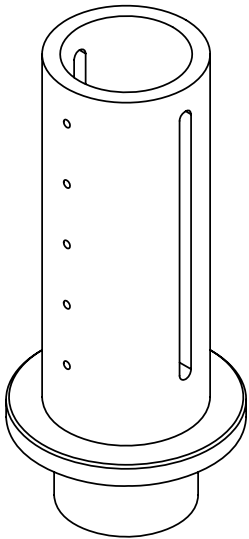
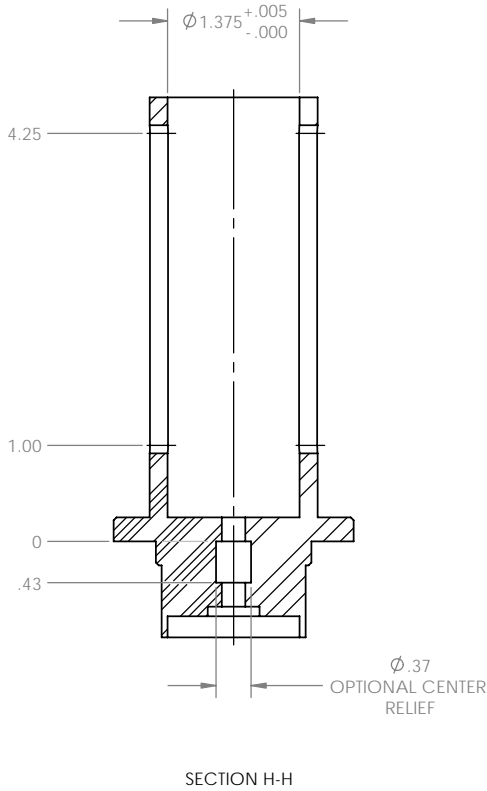
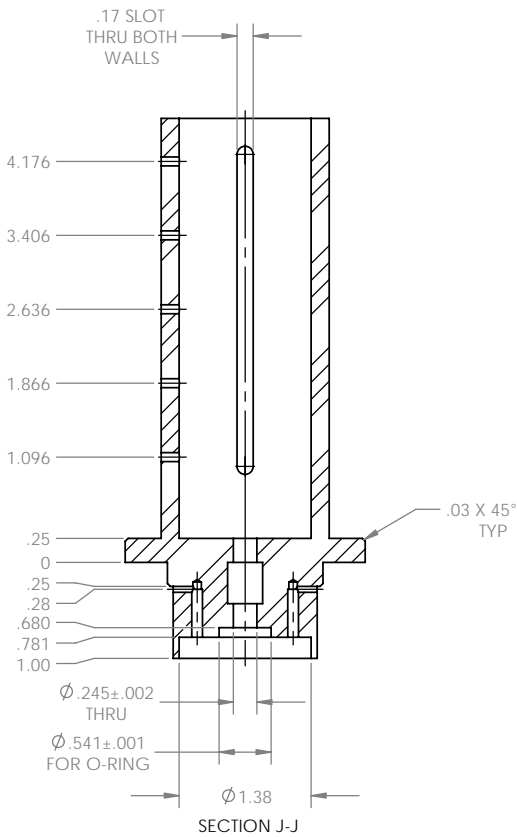
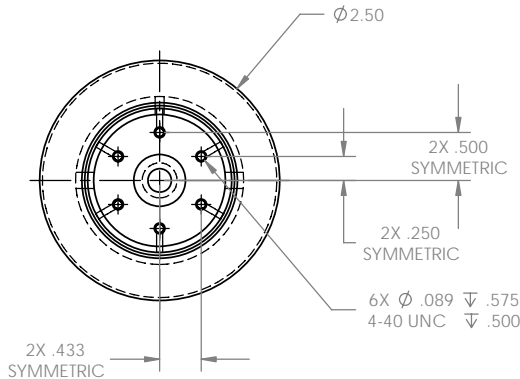
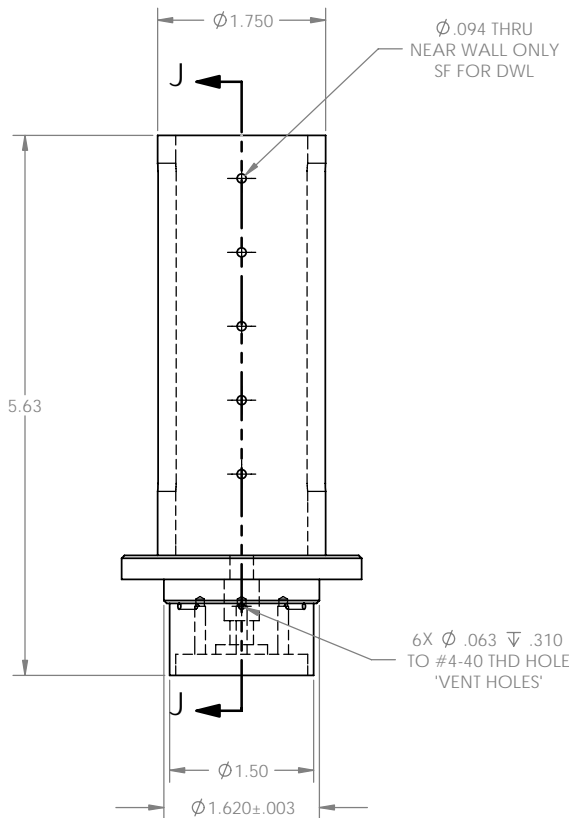
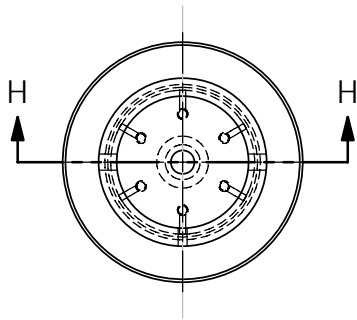
REV -

WEIGHT: 0.096 LBS

1

FILE: CHAMBER

| REVISIONS | | | | |
|-----------|-----|---------------|------|-------|
| ZONE | REV | DESCRIPTION | DATE | APPRV |
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11 NAME: LADDER HOLDER
QTY: 1
MAT'L: DELRIN, BLACK
HARD'N: -
FINISH: -
SIZE/TYPE: 2.50 DIA x 5.63 LG
WEIGHT: 0.322

NOTE: DO NOT SCALE DRAWING !
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OTHERWISE SPECIFIED ARE

DIMENSIONS ARE IN:
☑ INCHES [mm] ☐ mm [IN]

x.xx [x.x] ± .010 [.3]
x.xxx [x.xxx] ± .005 [.13]
x.xxxx [x.xxxx] ± .0005 [.013]
xx/xx ± 1/32
x' ± 1"

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TIGRESS CHAMBER



THIRD ANGLE PROJECTION
DRAWN RSF
CHECKED -
APPROVED -

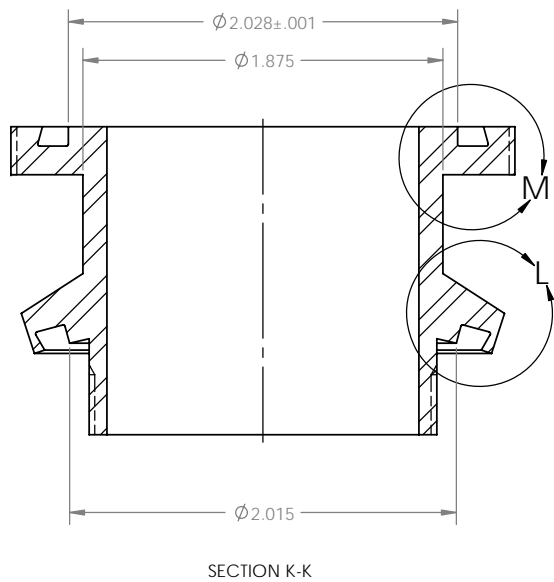
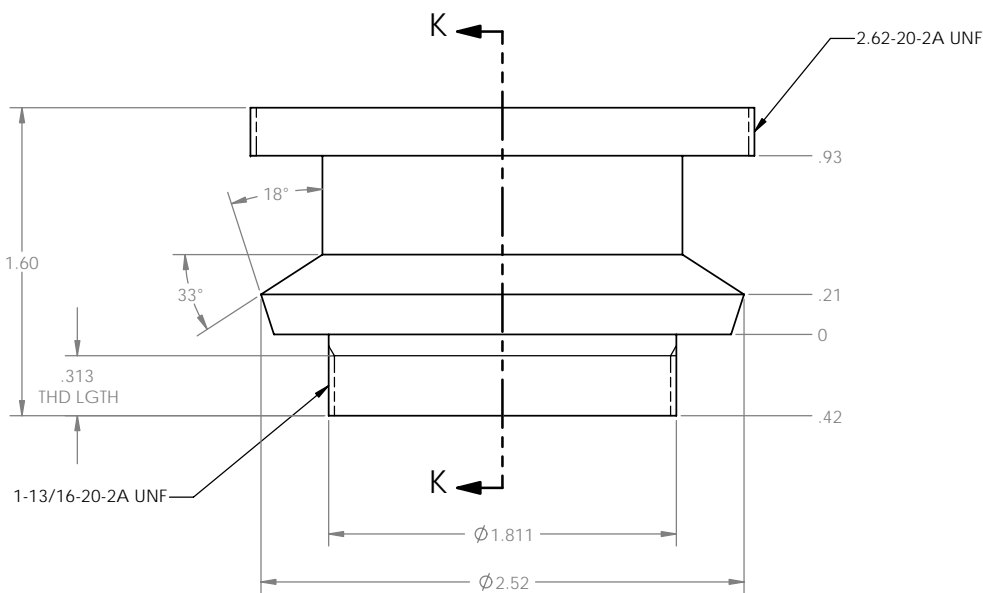
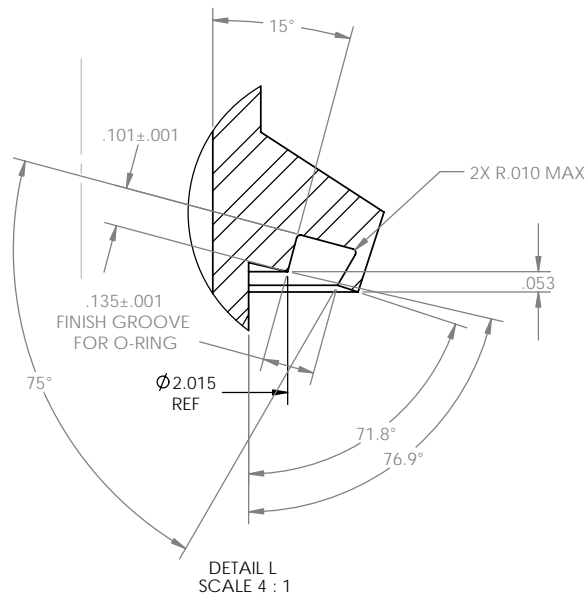
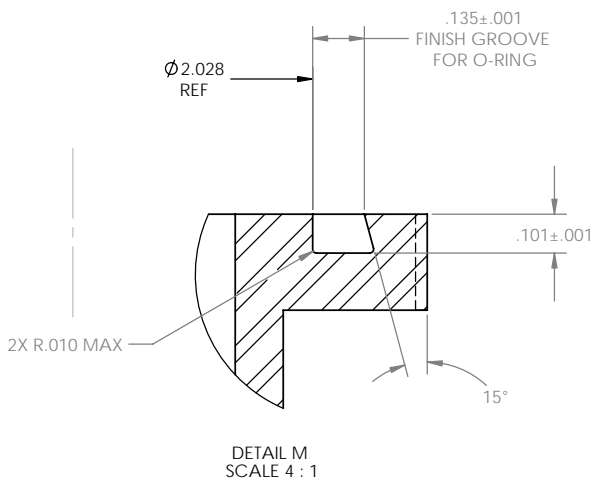
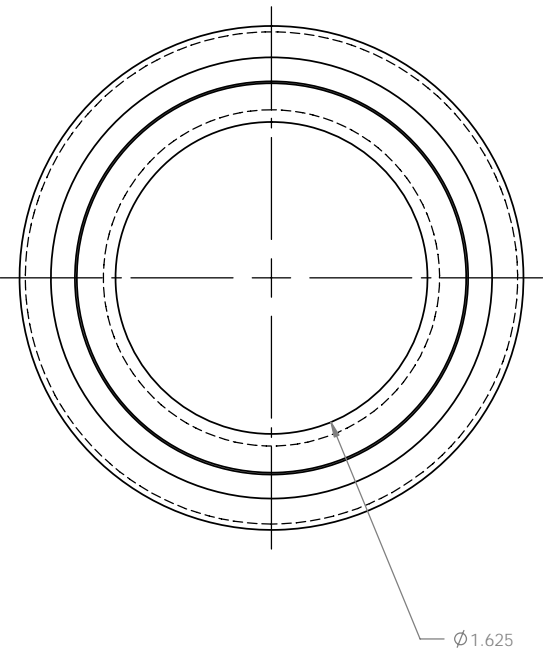
DATE 3/24/06
DATE -
DATE -

SIZE: DWG NO. 1
SCALE 1:1
SHEET 5 OF 18

REV -

WEIGHT: 0.322 LBS

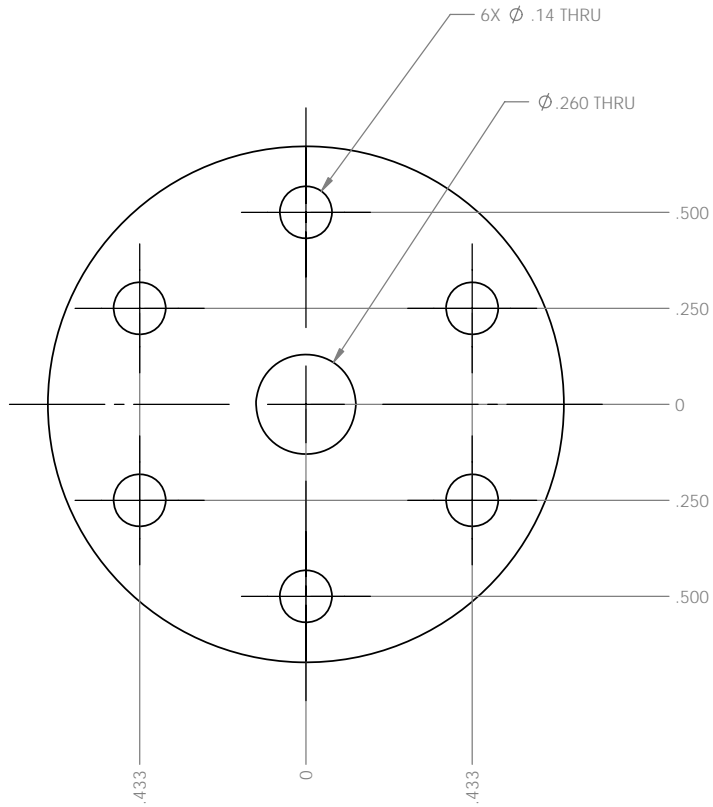
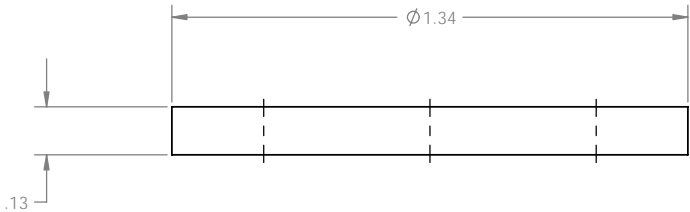
FILE: CHAMBER



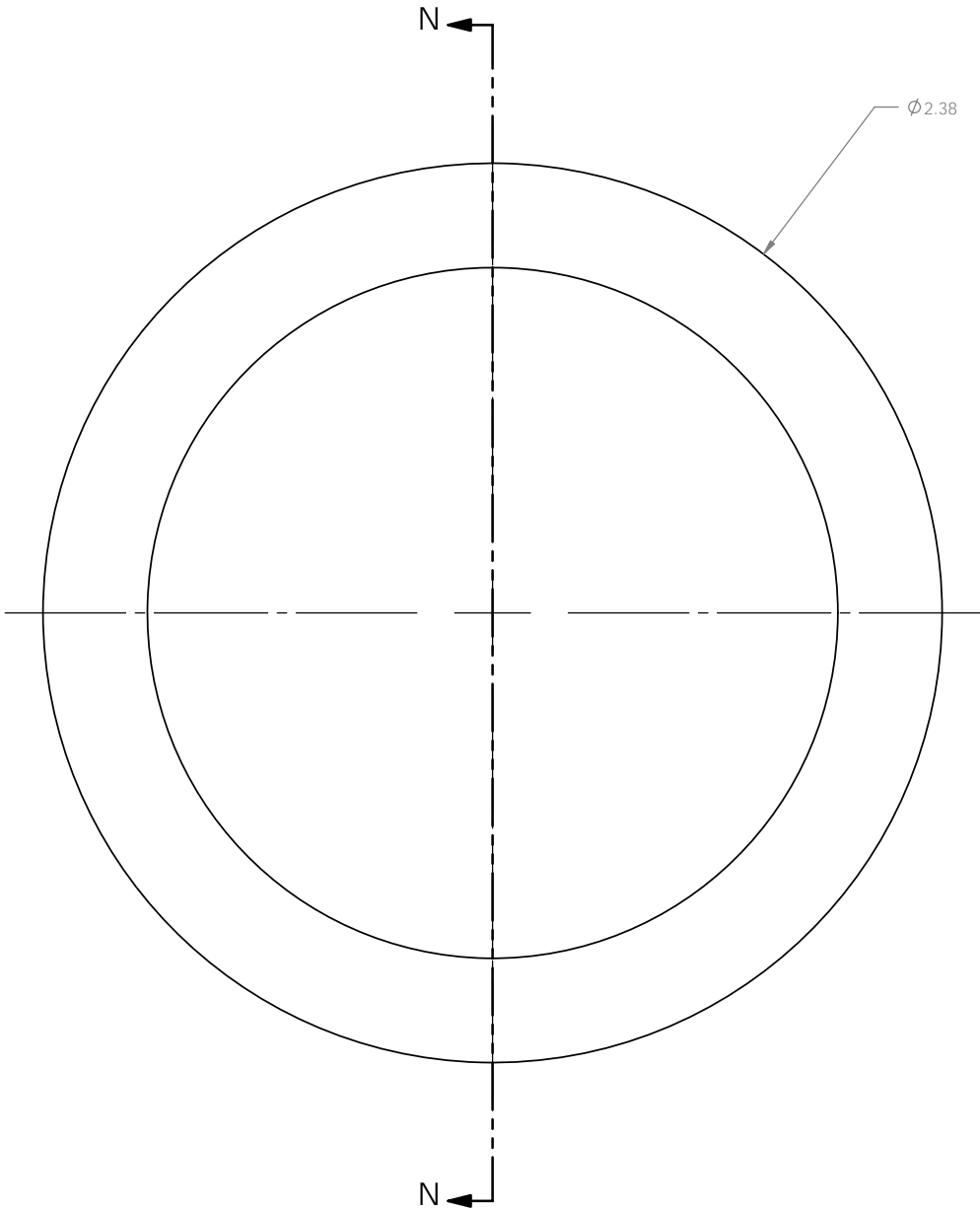
13 NAME: ENTRANCE VERT 01
QTY: 1
MAT'L: STAINLESS STEEL
HARD'N: -
FINISH: -
SIZE/TYPE: 2.63 x 1.60 LG
WEIGHT: 0.587

| | | | |
|---|--|---|-----------------|
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| DIMENSIONS ARE IN: <input checked="" type="checkbox"/> INCHES [mm] <input type="checkbox"/> mm [IN] x.xx [x.x] ± .010 [.3] x.xxx [x.xxx] ± .005 [.13] x.xxxx [x.xxxx] ± .0005 [.013] xx/xx ± 1/32 x' ± 1' | | TITLE TIGRESS CHAMBER | |
| THIRD ANGLE PROJECTION | | DRAWN RSF | DATE 3/24/06 |
| CHECKED — | | DATE — | REV — |
| APPROVED — | | DATE — | REV — |
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| SCALE 2:1 | | SHEET 6 OF 18 | |
| WEIGHT: 0.587 LBS | | FILE: CHAMBER | |

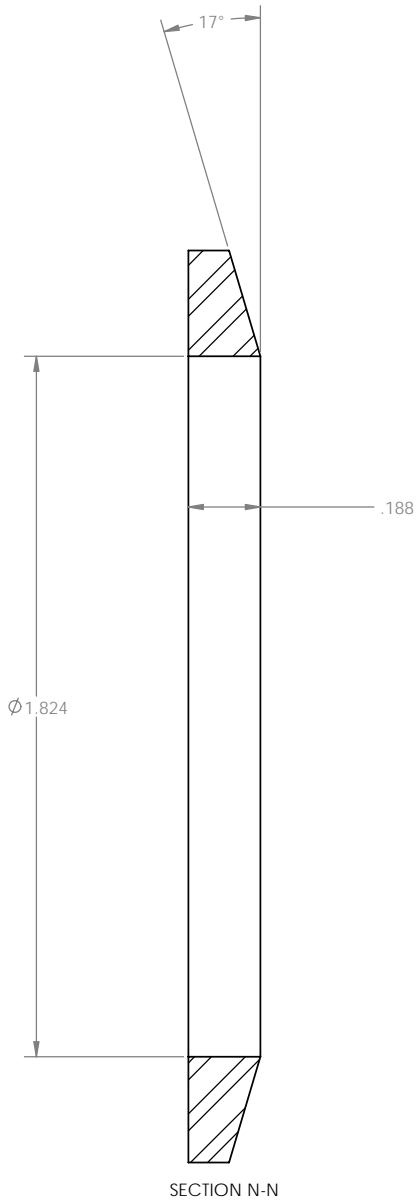
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|-----------|-----|---------------|------|-------|
| ZONE | REV | DESCRIPTION | DATE | APPRV |
| - | - | INITIAL ISSUE | - | - |



NAME: LADDER SEAL CAP
QTY: 1
MAT'L: STAINLESS STEEL
HARD'N: -
FINISH: -
SIZE/TYPE: 1.34 DIA x .13 LG
WEIGHT: 0.046



NAME: GROMMET
QTY: 1
MAT'L: STAINLESS STEEL
HARD'N: -
FINISH: -
SIZE/TYPE: 2.38 DIA x .19 LG
WEIGHT: 0.076



| | | | |
|---|--|---|-----------------|
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| THIRD ANGLE PROJECTION | | DRAWN RSF | DATE 3/24/06 |
| CHECKED - | | DATE - | REV - |
| APPROVED - | | DATE - | REV - |
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| SCALE 4:1 | | SHEET 7 OF 18 | |

WEIGHT: 0.046 LBS

1

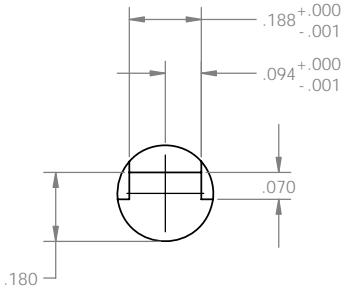
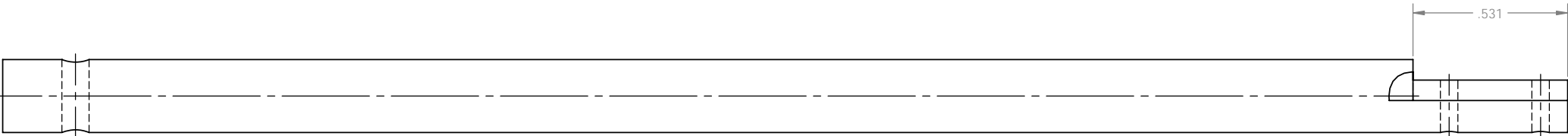
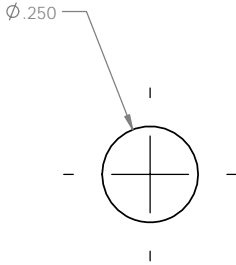
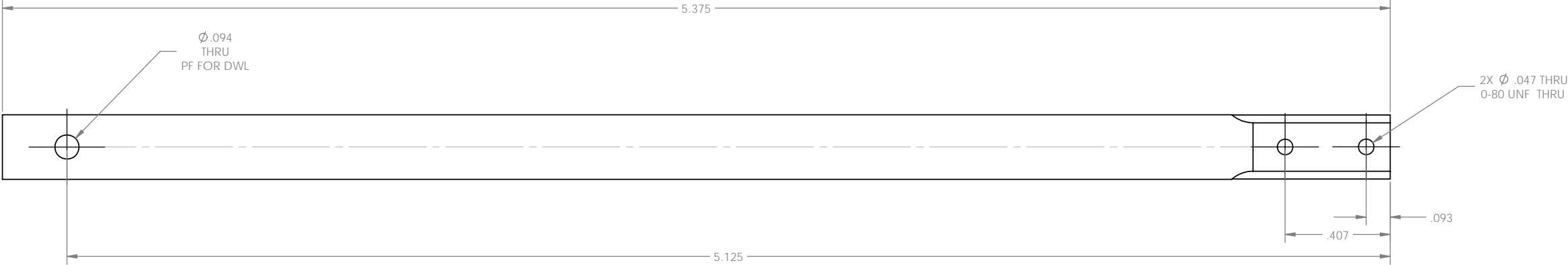
FILE: CHAMBER

4

3

2

| REVISIONS | | | | |
|-----------|-----|---------------|------|-------|
| ZONE | REV | DESCRIPTION | DATE | APPRV |
| - | - | INITIAL ISSUE | - | - |



18 NAME: LADDER SHAFT
QTY: 1
MAT'L: STAINLESS STEEL
HARD'N: -
FINISH: -
SIZE/TYPE: .25 DIA x 5.38 LG
WEIGHT: 0.073

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DIMENSIONS ARE IN:
☑ INCHES [mm] ☐ mm [IN]

x.xx [x,x] ± .010 [.3]
x.xxx [x,xx] ± .005 [.13]
x.xxxx [x,xxx] ± .0005 [.013]
xx/xx ± 1/32
x' ± 1'

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TIGRESS CHAMBER

THIRD ANGLE PROJECTION

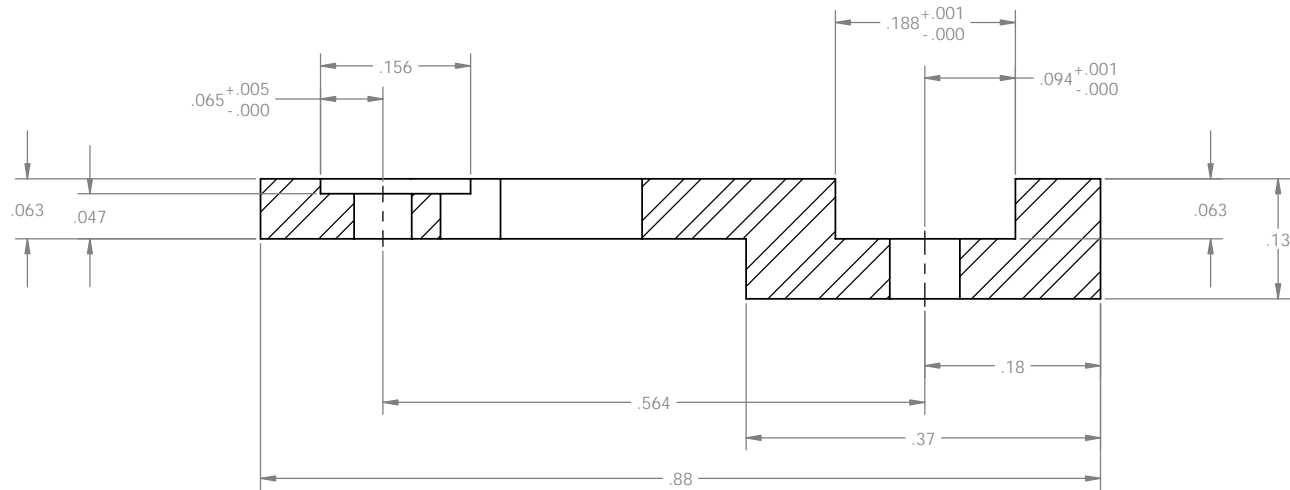
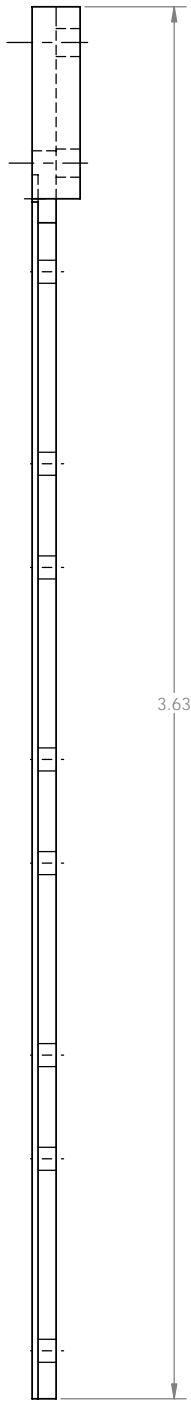
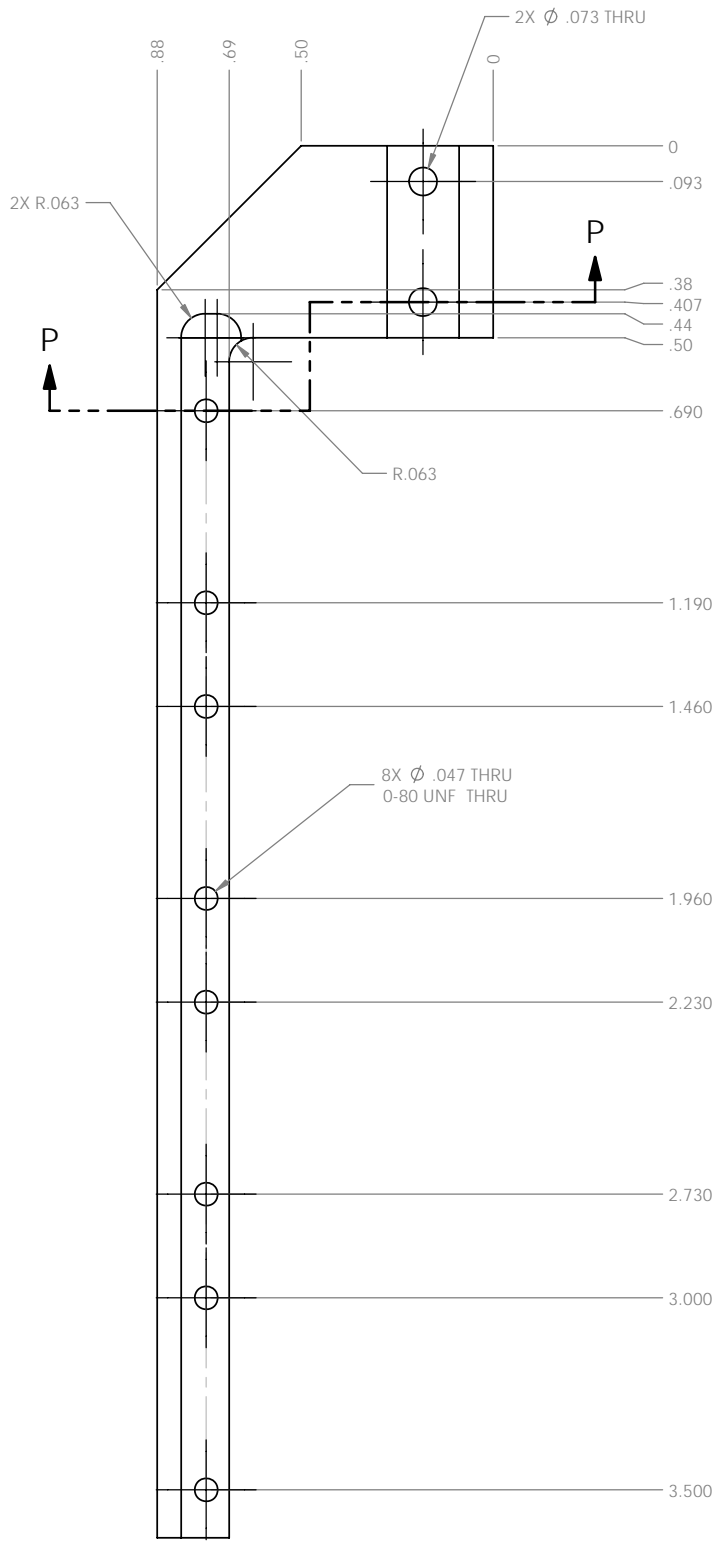
DRAWN RSF DATE 3/24/06
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SCALE 4:1
SHEET 8 OF 18
WEIGHT: 0.073 LBS

D CHAMBER
REV -

| REVISIONS | | | | |
|-----------|-----|---------------|--|------|
| ZONE | REV | DESCRIPTION | | DATE |
| - | - | INITIAL ISSUE | | - |



SECTION P-P
SCALE 10 : 1

19 NAME: LADDER LOWER
QTY: 1
MAT'L: STAINLESS STEEL
HARD'N: -
FINISH: -
SIZE/TYPER: .13 x .88 x 3.63
WEIGHT: 0.017

NOTE: DO NOT SCALE DRAWING !
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DIMENSIONS ARE IN:
☒ INCHES [mm] ☐ mm [IN]

x.xx [x.x] ± .010 [.3]
x.xxx [x.xxx] ± .005 [.15]
x.xxxx [x.xxxx] ± .0005 [.013]
xx/xx ± 1/32
x' ± 1"

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TIGRESS CHAMBER

THIRD ANGLE PROJECTION

DRAWN: RSF
CHECKED: -
APPROVED: -

DATE: 3/24/06
DATE: -
DATE: -

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SCALE: 4:1
SHEET: 9 OF 18

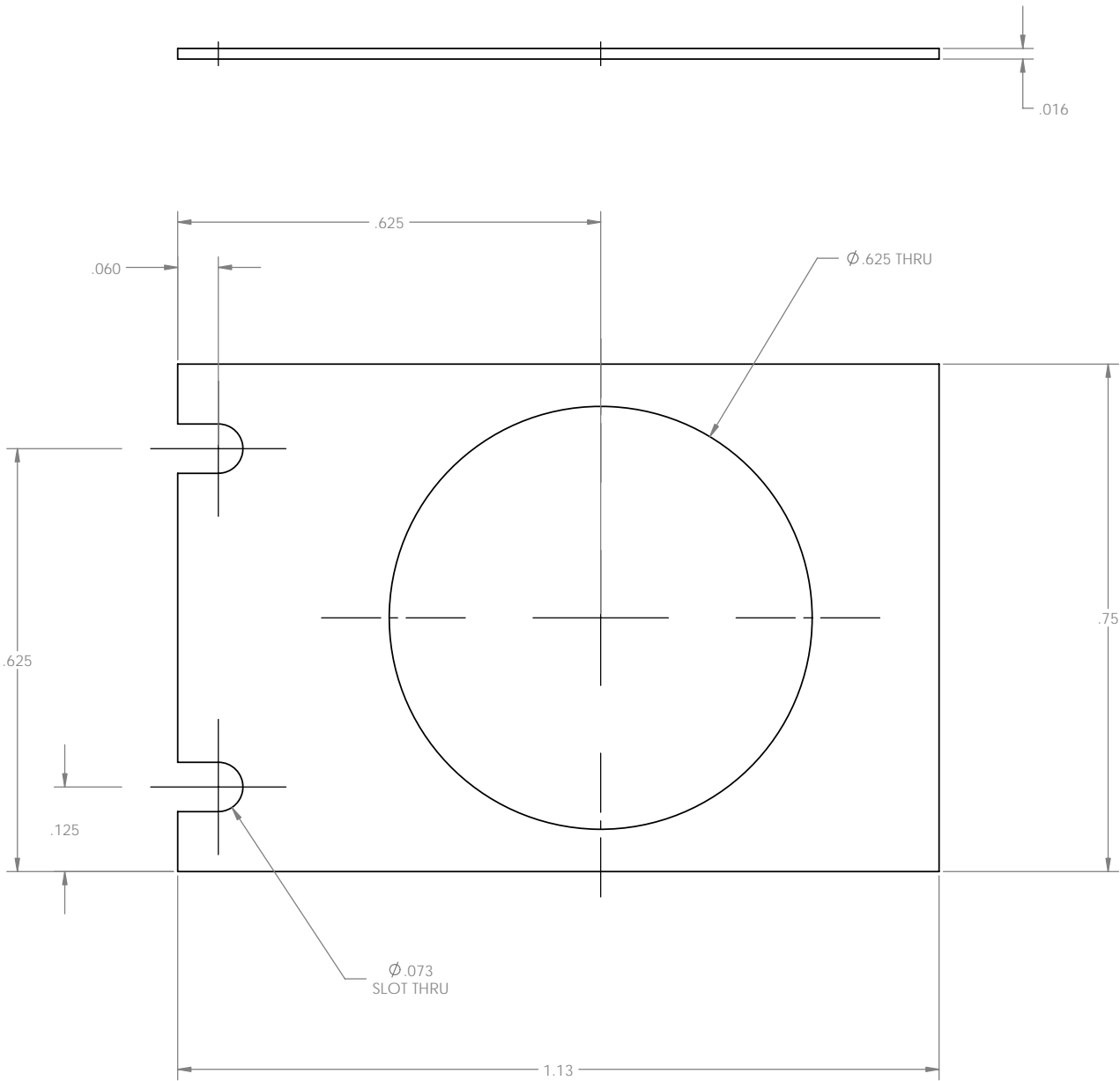
WEIGHT: 0.017 LBS

SIZE: [DWG NO.]
D CHAMBER

REV: -

FILE: CHAMBER

| REVISIONS | | | | |
|-----------|-----|---------------|--|------|
| ZONE | REV | DESCRIPTION | | DATE |
| - | - | INITIAL ISSUE | | - |



MIN ORDER QTY: 100

20 NAME: TARGET
QTY: 4
MAT'L: STAINLESS STEEL
HARD'N: -
FINISH: -
SIZE/TYPE: .016 x .75 x 1.13
WEIGHT: 0.002

NOTE: DO NOT SCALE DRAWING !
ALL TOLERANCES UNLESS OTHERWISE SPECIFIED ARE

DIMENSIONS ARE IN:
☒ INCHES [mm] ☐ mm [IN]

x.xx [x,x] ± .010 [.3]
x.xxx [x,xx] ± .005 [.13]
x.xxxx [x,xxx] ± .0005 [.013]
xx/xx ± 1/32
x' ± 1"

UNIVERSITY OF ROCHESTER
DEPT. OF PHYSICS AND ASTRONOMY
SIDNEY W. BARNES RESEARCH LABORATORY

TITLE
TIGRESS CHAMBER

THIRD ANGLE PROJECTION

| | | | |
|----------|-----|------|---------|
| DRAWN | RSF | DATE | 3/24/06 |
| CHECKED | - | DATE | - |
| APPROVED | - | DATE | - |

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SCALE 8:1 SHEET 10 OF 18

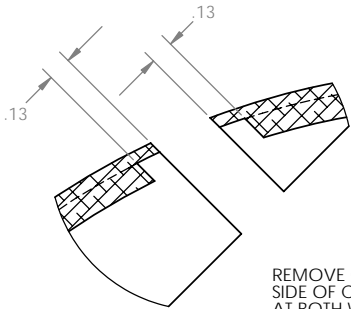
WEIGHT: 0.002 LBS

SIZE [DWG NO]
D CHAMBER

REV
-

FILE: CHAMBER

| REVISIONS | | | | |
|-----------|-----|---------------|------|-------|
| ZONE | REV | DESCRIPTION | DATE | APPRV |
| - | - | INITIAL ISSUE | - | - |



SECTION R-R
SCALE 2 : 1

REMOVE ONLY WELD EITHER
SIDE OF CUT, AS SHOWN,
AT BOTH WELD LOCATIONS

Ø 1.823 THRU
HOLES ARE INLINE

Ø 1.823 THRU
HOLES ARE INLINE

1.342±.002

.313±.002

90°

45°
WELD BEAD

R

R

21

NAME: SPHR LH
QTY: 1
MAT'L: ALUM
HARD'N: -
FINISH: -
SIZE/TYPE: 8.00 SPHR x .06 WALL
WEIGHT: 0.778

23

NAME: SPHR RH
QTY: 1
MAT'L: ALUM
HARD'N: -
FINISH: -
SIZE/TYPE: 8.00 SPHR x .06 WALL
WEIGHT: 0.372

NOTE: BOTH PARTS ARE MADE FROM (1) SPHERE

| Parts List | | | | | |
|------------|------|-------------|----------|----------------------|--------|
| ITEM NO. | QTY. | DESCRIPTION | MATERIAL | SIZE | WEIGHT |
| 21 | 1 | SPHERE, LH | ALUM | 8.00 SPHR x .06 WALL | 0.778 |
| 23 | 1 | SPHERE, RH | ALUM | 8.00 SPHR x .06 WALL | 0.372 |

NOTE: DO NOT SCALE DRAWING !
ALL TOLERANCES UNLESS
OTHERWISE SPECIFIED ARE

DIMENSIONS ARE IN:
☑ INCHES [mm] □ mm [IN]
x.xx [x,x] ± .010 [.3]
x.xxx [x,xxx] ± .005 [.13]
x.xxxx [x,xxxx] ± .0005 [.013]
xx/xx ± 1/32
x' ± 1"

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TIGRESS CHAMBER

| | | |
|------------------------|-------------|----------------|
| THIRD ANGLE PROJECTION | DRAWN RSF | DATE 3/24/06 |
| CHECKED - | DATE - | |
| APPROVED - | DATE - | |

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SIZE: [DWG NO]
D CHAMBER

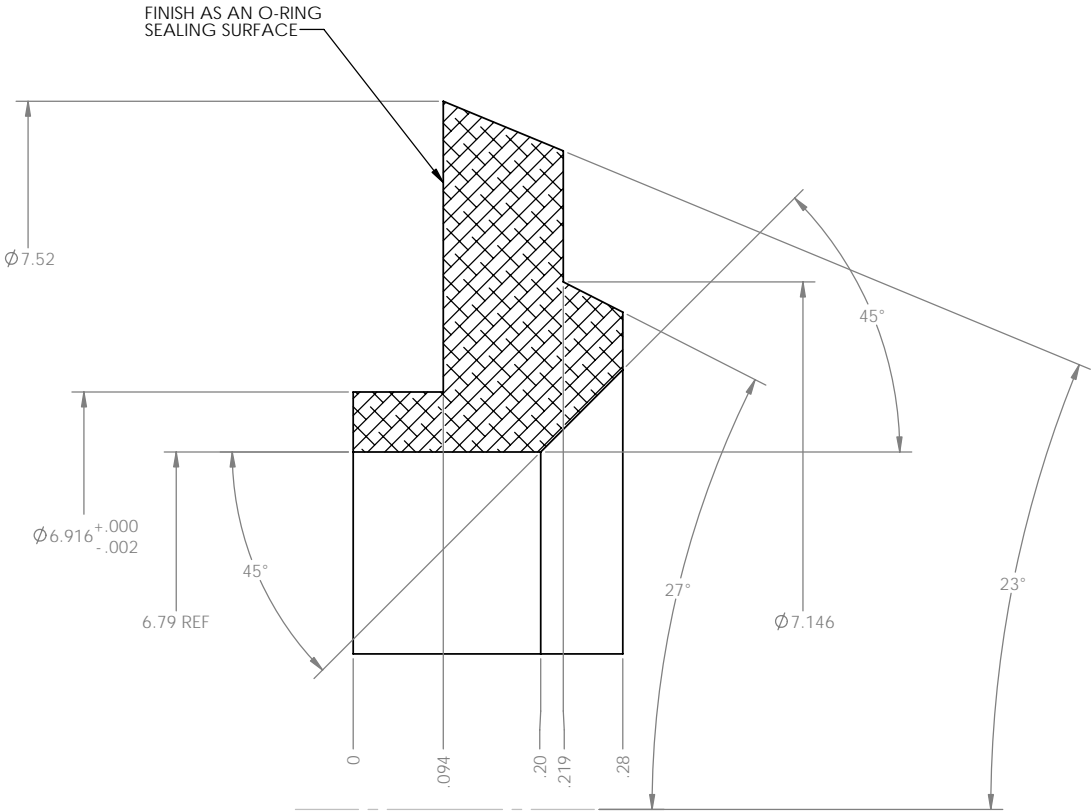
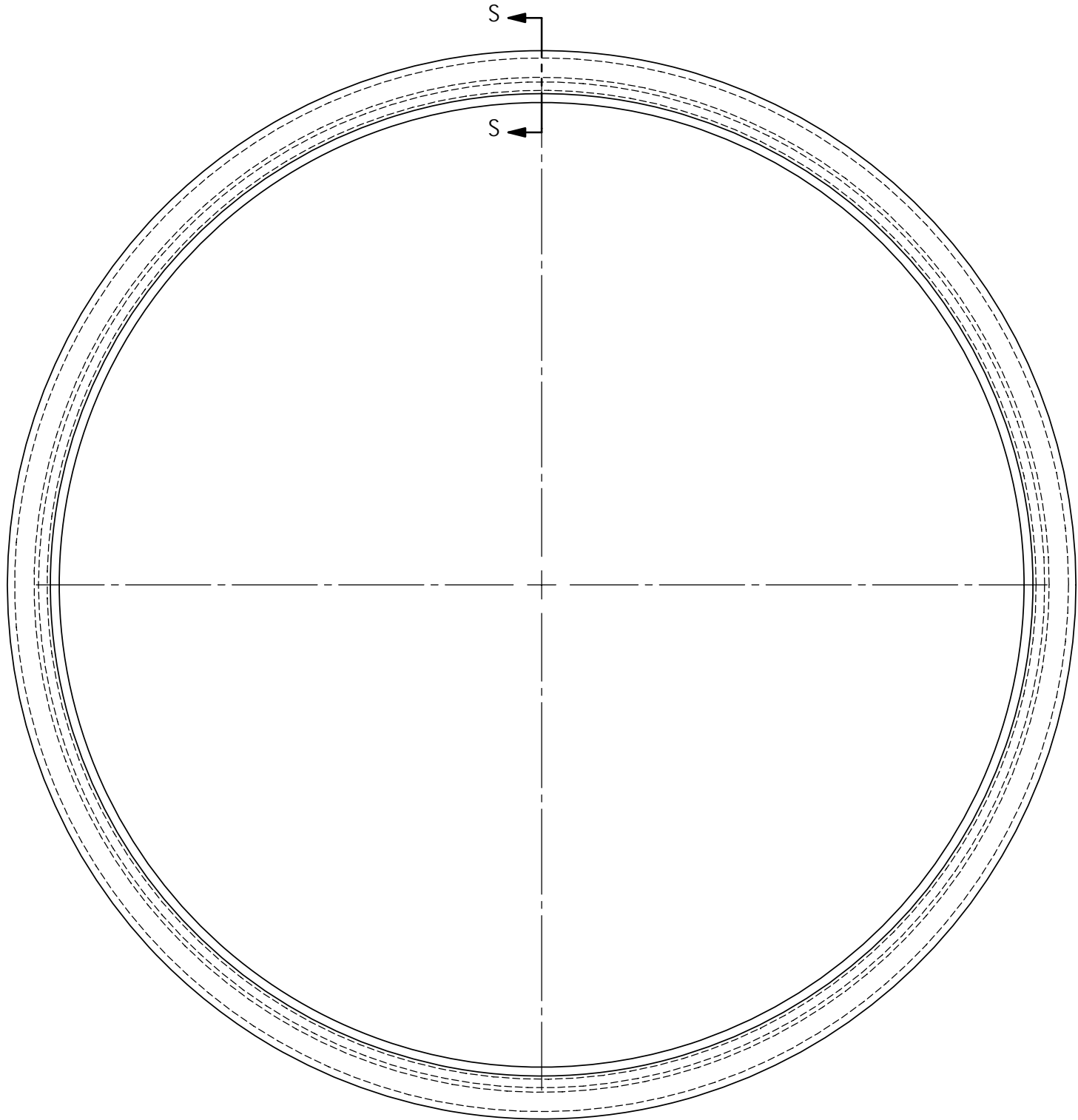
SCALE 1:1 SHEET 11 OF 18

REV
-

WEIGHT: 1 LBS

FILE: CHAMBER

| REVISIONS | | | | |
|-----------|-----|---------------|------|-------|
| ZONE | REV | DESCRIPTION | DATE | APPRV |
| - | - | INITIAL ISSUE | - | - |



SECTION S-S
SCALE 10 : 1

22

NAME: FLANGE
QTY: 1
MAT'L: ALUM
HARD'N: -
FINISH: -
SIZE/TYPE: 7.52 DIA x .28 LG
WEIGHT: 0.119

NOTE: DO NOT SCALE DRAWING !
ALL TOLERANCES UNLESS OTHERWISE SPECIFIED ARE

DIMENSIONS ARE IN:
☒ INCHES [mm] ☐ mm [IN]
x.xx [x.x] ± .010 [.3]
x.xxx [x.xx] ± .005 [.13]
x.xxxx [x.xxx] ± .0005 [.013]
xx/xx ± 1/32
x' ± 1'

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TIGRESS CHAMBER

THIRD ANGLE PROJECTION

DRAWN: RSF
CHECKED: -
APPROVED: -

DATE: 3/24/06
DATE: -
DATE: -

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SIZE: [DWG NO]
SCALE: 2:1
SHEET: 12 OF 18

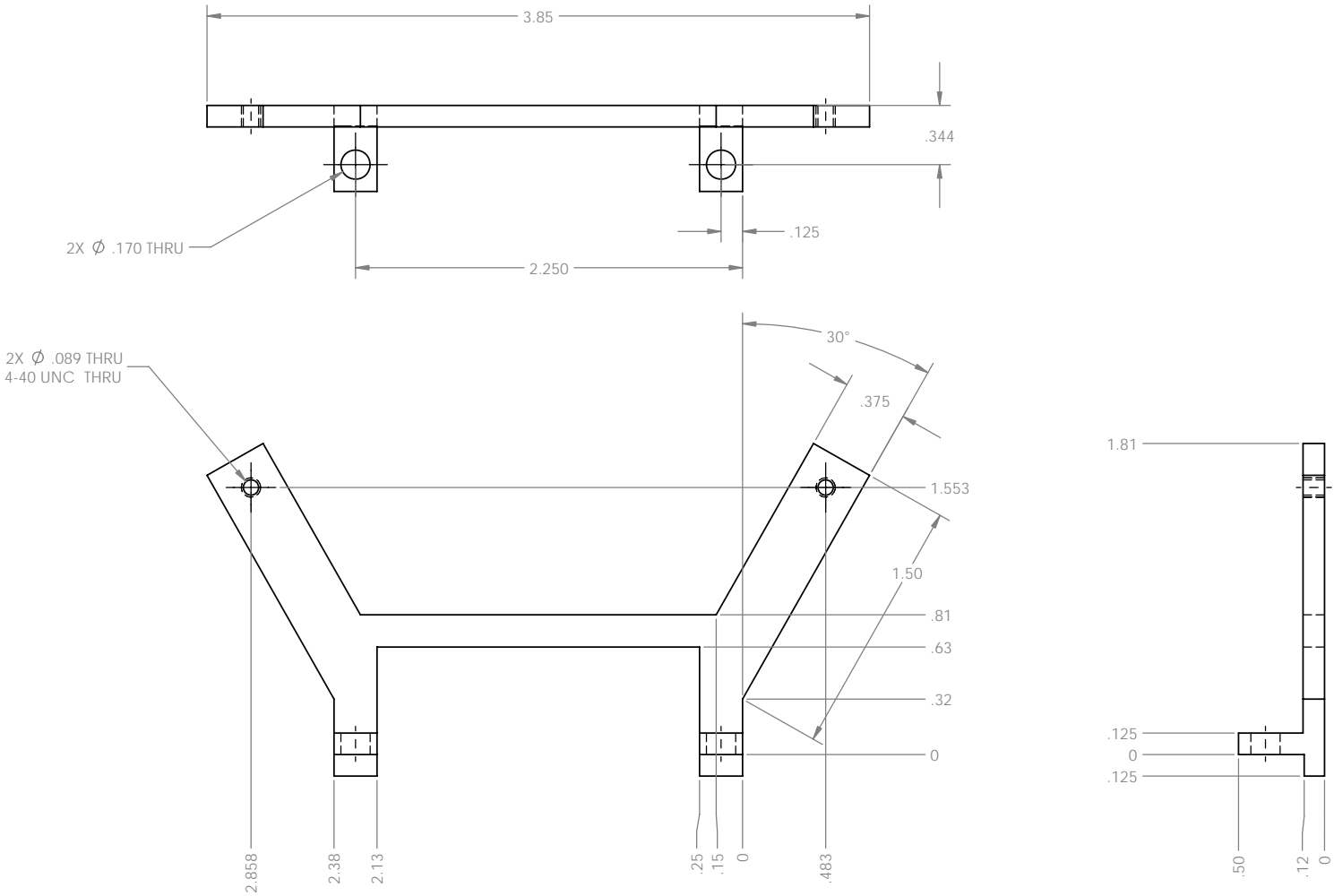
D CHAMBER
REV: -

WEIGHT: 0.119 LBS

1

FILE: CHAMBER

| REVISIONS | | | | |
|-----------|-----|---------------|------|-------|
| ZONE | REV | DESCRIPTION | DATE | APPRV |
| - | - | INITIAL ISSUE | - | - |



27 NAME: PCB BRKT
QTY: 2
MAT'L: ALUM
HARD'N: -
FINISH: -
SIZE/TYPE: .50 x 1.93 x 3.85
WEIGHT: 0.023

NOTE: DO NOT SCALE DRAWING !
ALL TOLERANCES UNLESS OTHERWISE SPECIFIED ARE

DIMENSIONS ARE IN:
☑ INCHES [mm] □ mm [IN]

x.xx [x,x] ± .010 [.3]
x.xxx [x,xx] ± .005 [.13]
x.xxxx [x,xxx] ± .0005 [.013]
xx/xx ± 1/32
x' ± 1"

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TITLE
TIGRESS CHAMBER

THIRD ANGLE PROJECTION

DRAWN RSF DATE 3/24/06
CHECKED - DATE -
APPROVED - DATE -

SIZE: DWG NO. 1
SCALE 2:1 SHEET 14 OF 18

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D CHAMBER

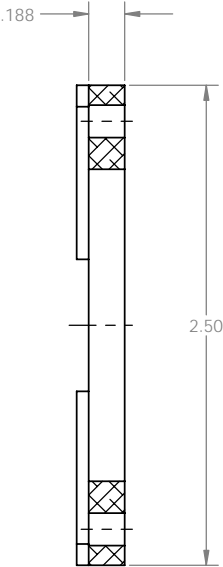
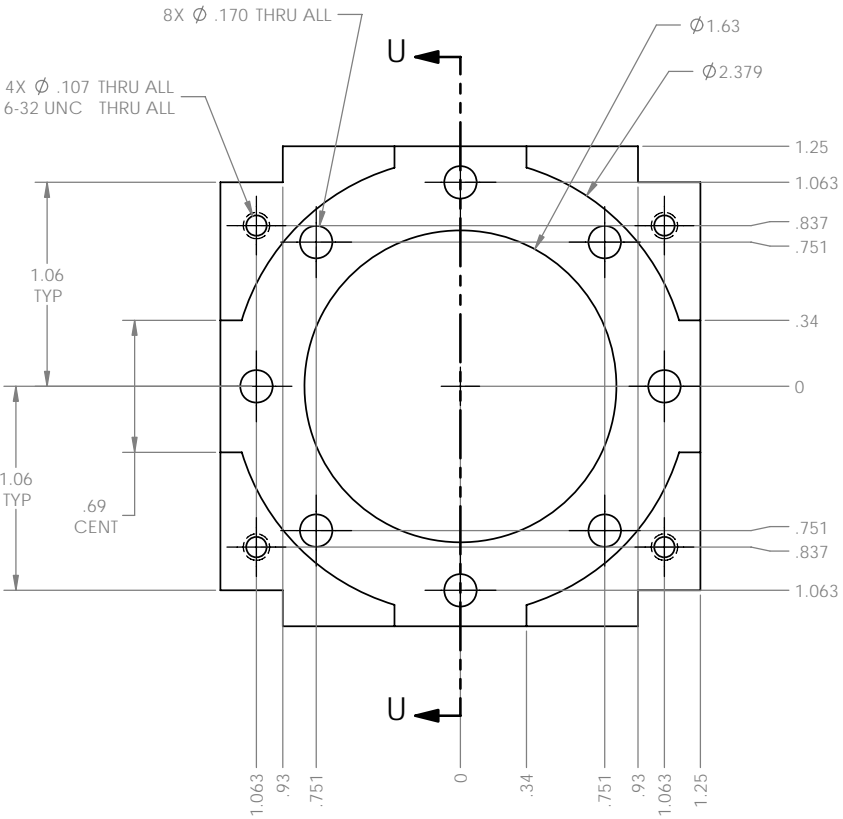
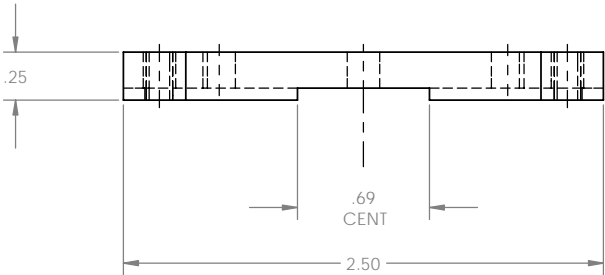
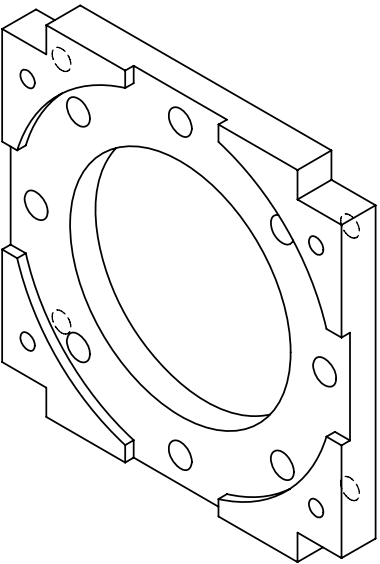
REV -

WEIGHT: 0.023 LBS

1

FILE: CHAMBER

| REVISIONS | | | | |
|-----------|-----|---------------|------|-------|
| ZONE | REV | DESCRIPTION | DATE | APPRV |
| - | - | INITIAL ISSUE | - | - |



SECTION U-U

29 NAME: PC BRKT 02
QTY: 1
MAT'L: ALUM
HARD'N: -
FINISH: -
SIZE/TYPE: .25 x 2.50 x 2.50
WEIGHT: 0.076

NOTE: DO NOT SCALE DRAWING !
ALL TOLERANCES UNLESS OTHERWISE SPECIFIED ARE

DIMENSIONS ARE IN:
☒ INCHES [mm] ☐ mm [IN]

x.xx [x.x] ± .010 [.3]
x.xxx [x.xx] ± .005 [.13]
x.xxxx [x.xxx] ± .0005 [.013]
xx/xx ± 1/32
x' ± 1"

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TITLE
TIGRESS CHAMBER

THIRD ANGLE PROJECTION

| | | | |
|----------|-----|------|---------|
| DRAWN | RSF | DATE | 3/24/06 |
| CHECKED | - | DATE | - |
| APPROVED | - | DATE | - |

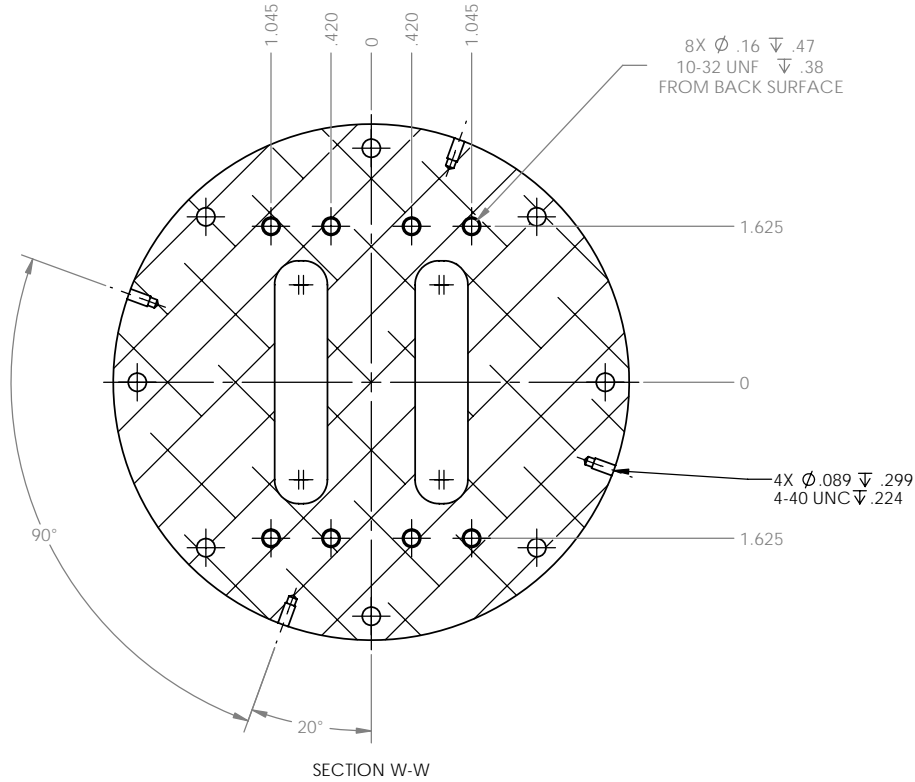
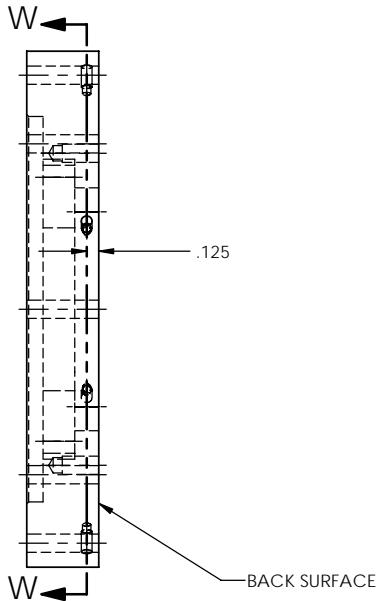
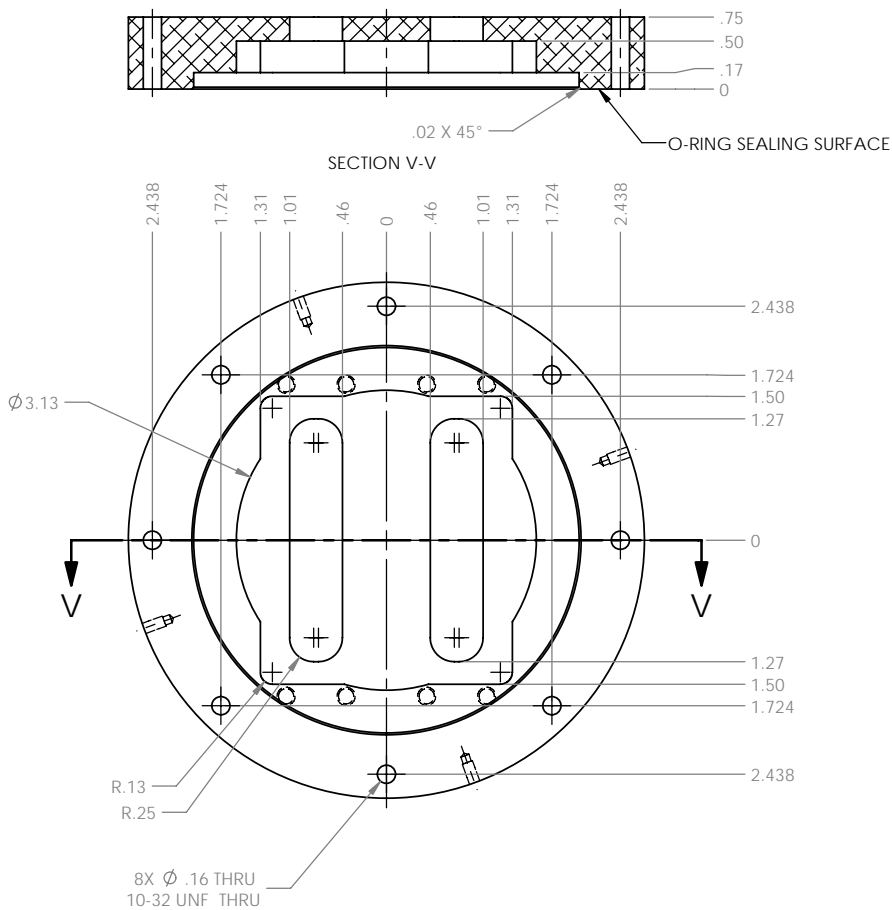
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SIZE: DWG NO
D CHAMBER

SCALE: 2:1 SHEET: 15 OF 18

REV: -

| REVISIONS | | | | |
|-----------|-----|---------------|------|-------|
| ZONE | REV | DESCRIPTION | DATE | APPRV |
| - | - | INITIAL ISSUE | - | - |



30 NAME: LOWER CAP
QTY: 1
MAT'L: ALUM
HARD'N: -
FINISH: -
SIZE/TYPE: 5.38 DIA x .75 LG
WEIGHT: 1.082

NOTE: DO NOT SCALE DRAWING !
ALL TOLERANCES UNLESS
OTHERWISE SPECIFIED ARE

DIMENSIONS ARE IN:
☒ INCHES [mm] ☐ mm [IN]

x.xx [x.x] ± .010 [.3]
x.xxx [x.xxx] ± .005 [.13]
x.xxxx [x.xxxx] ± .0005 [.013]
xx/xx ± 1/32
x' ± 1"

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TIGRESS CHAMBER

THIRD ANGLE PROJECTION



| | | | |
|----------|-----|------|---------|
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| CHECKED | - | DATE | - |
| APPROVED | - | DATE | - |

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SIZE: DWG NO
D CHAMBER

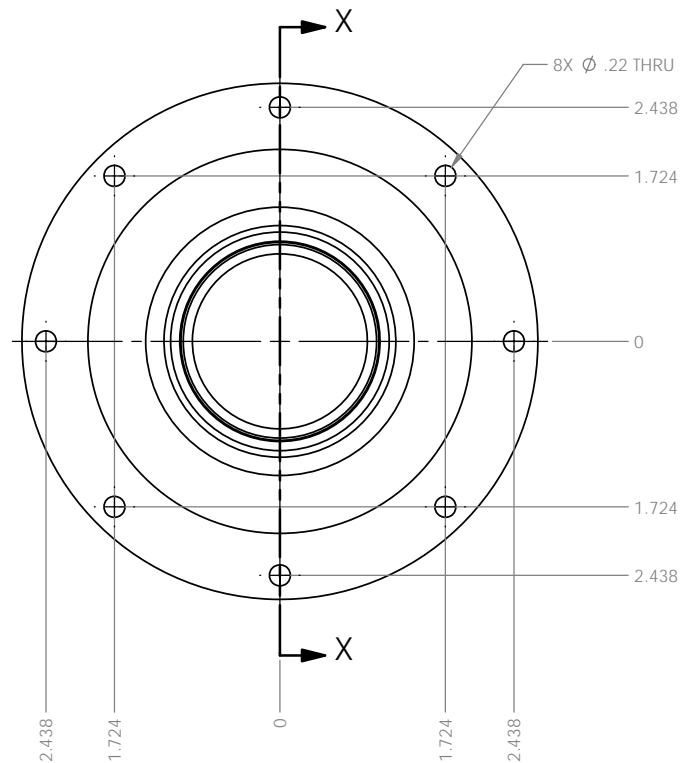
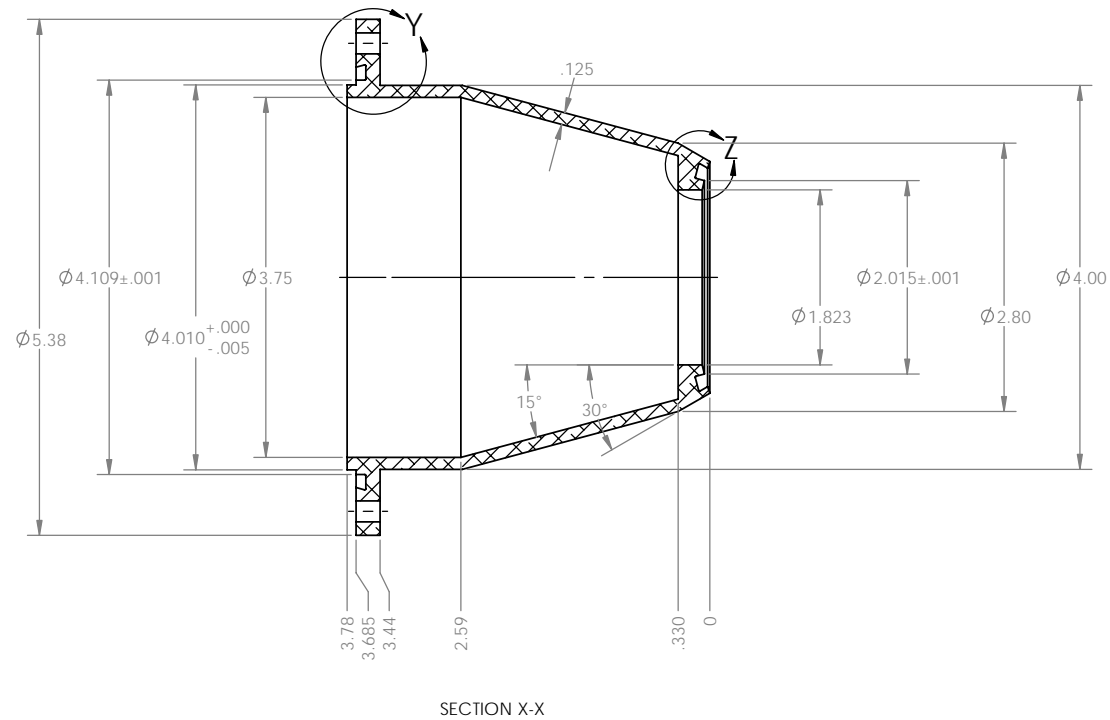
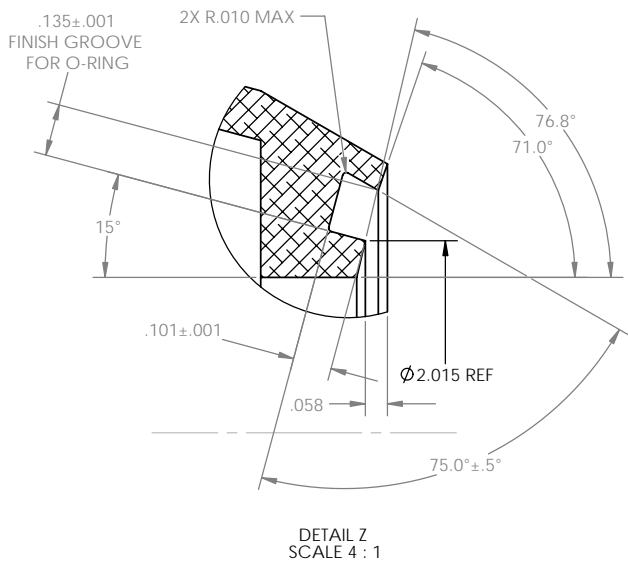
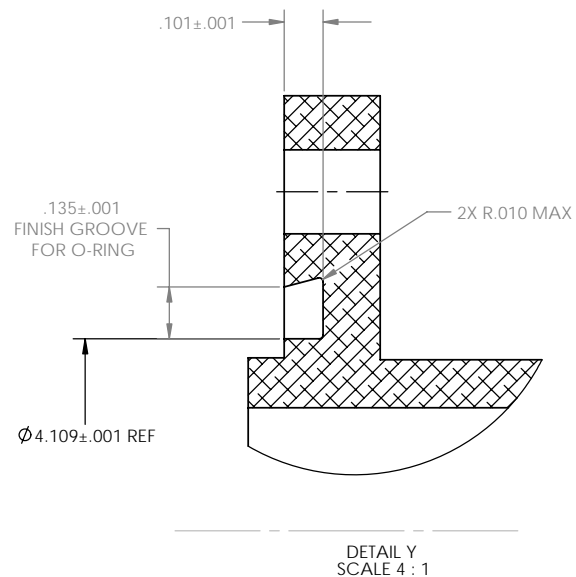
SCALE 1:1 SHEET 16 OF 18

REV
-

WEIGHT: 1.082 LBS

FILE: CHAMBER

| REVISIONS | | | | |
|-----------|-----|---------------|------|-------|
| ZONE | REV | DESCRIPTION | DATE | APPRV |
| — | — | INITIAL ISSUE | — | — |



33 NAME: ENTRANCE LOWER VERT
QTY: 1
MAT'L: ALUM
HARD'N: -
FINISH: -
SIZE/TYPE: 5.38 DIA x 3.78 LG
WEIGHT: 0.760

$$\begin{array}{ll} x.xx [x.x] & \pm .010 [.3] \\ x.xxx [x.xx] & \pm .005 [.13] \\ x.xxxx [x.xxx] & \pm .0005 [.013] \\ xx/xx & \pm 1/32 \\ x^* & \pm 1^* \end{array}$$

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TIGRESS CHAMBER

| | |
|------------|--------|
| CHECKED — | DATE — |
| APPROVED — | DATE — |

| SIZE | DWG NO |
|------|--------|
|------|--------|

| | | | |
|-------|---------|-------|-------|
| D | CHAMBER | | |
| SCALE | 1:1 | SHEET | 17 OF |

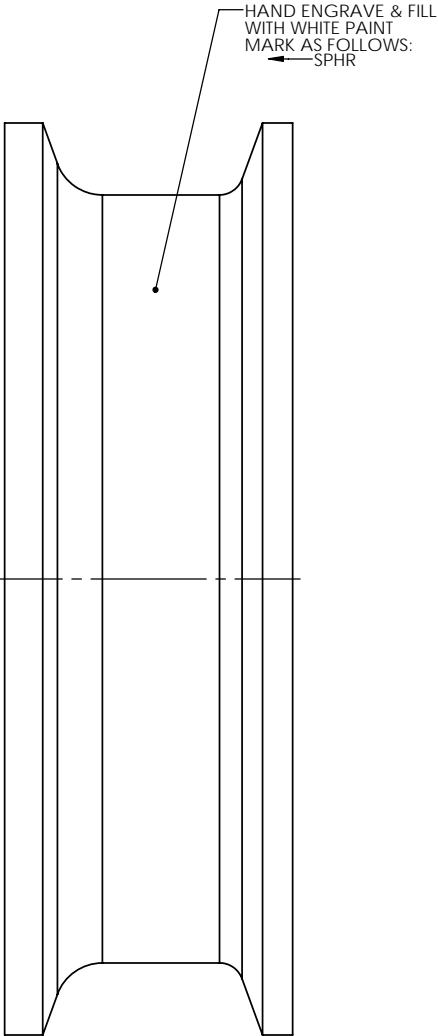
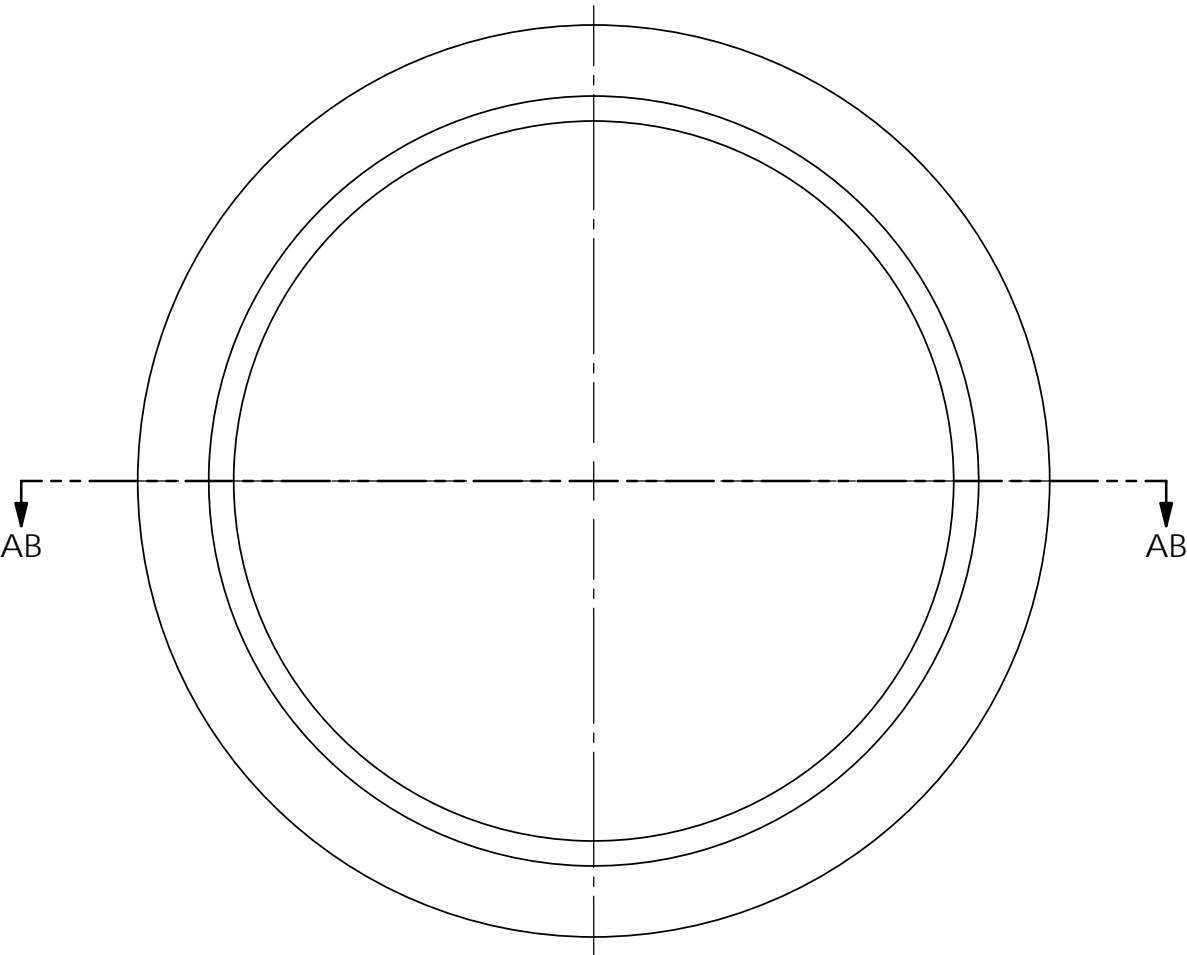
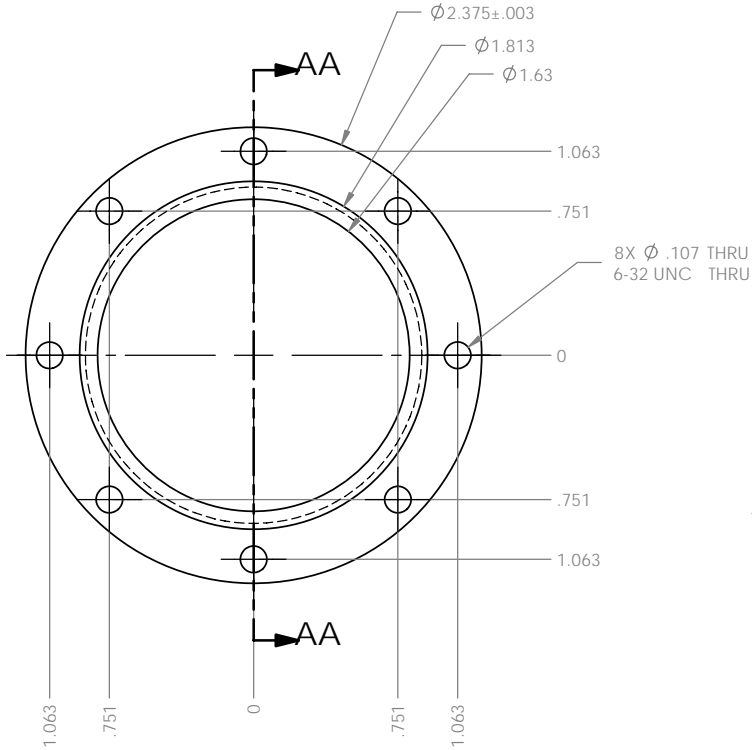
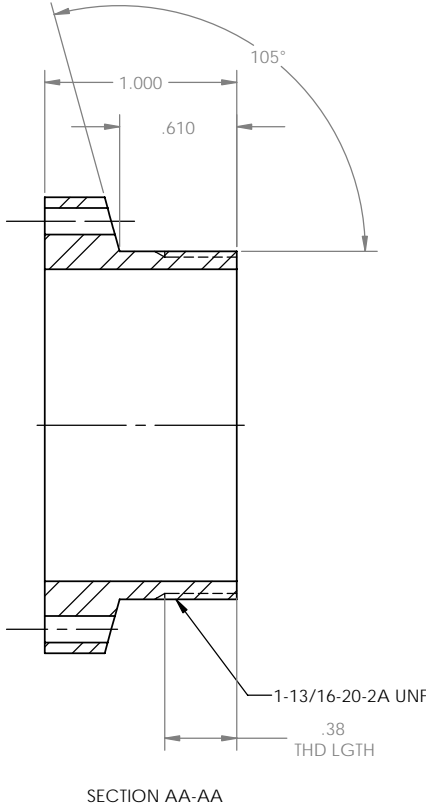
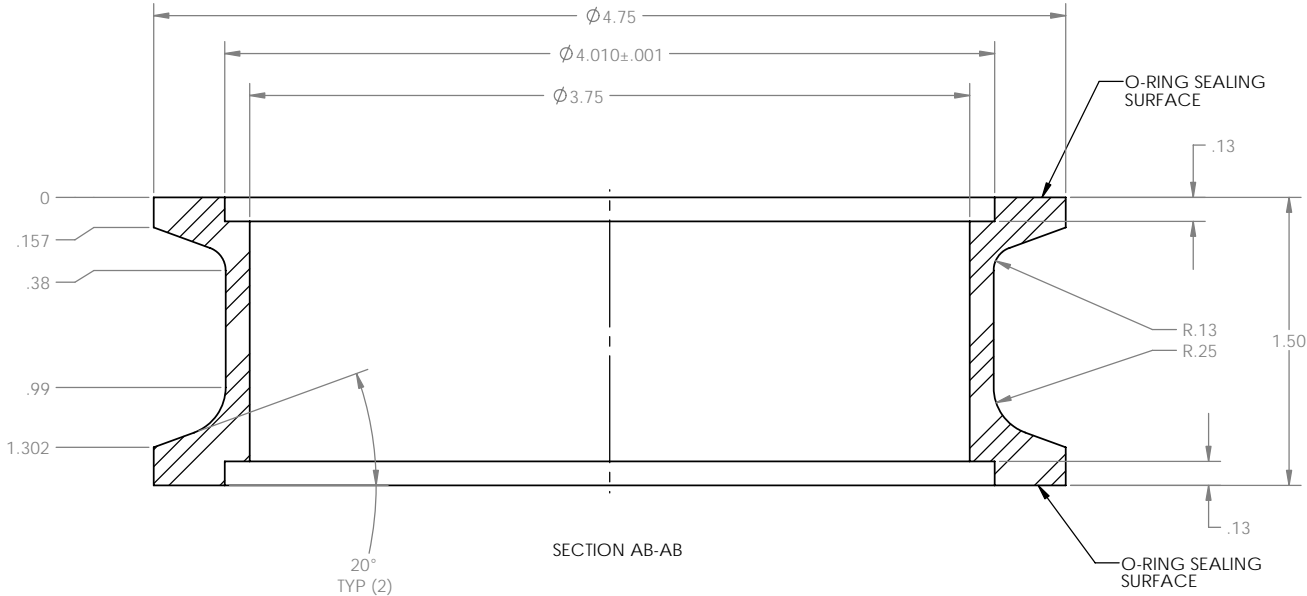
REV

WEIGHT: 0.760 LBS

1

FILE: CHAMBER

| REVISIONS | | | | |
|-----------|-----|---------------|------|-------|
| ZONE | REV | DESCRIPTION | DATE | APPRV |
| - | - | INITIAL ISSUE | - | - |



34 NAME: CLAMP SLEEVE 02
QTY: 1
MAT'L: STAINLESS STEEL
HARD'N: -
FINISH: -
SIZE/TYPE: 2.38 DIA x 1.00 LG
WEIGHT: 0.321

6 NAME: INSULATOR
QTY: 2
MAT'L: DELRIN, BLACK
HARD'N: -
FINISH: -
SIZE/TYPE: 4.75 DIA x 1.50 LG
WEIGHT: 0.225

NOTE: DO NOT SCALE DRAWING !
ALL TOLERANCES UNLESS OTHERWISE SPECIFIED ARE

DIMENSIONS ARE IN:
☒ INCHES [mm] ☐ mm [IN]

x.xx [x.x] $\pm .010$ [.3]
x.xxx [x.xxx] $\pm .005$ [.13]
x.xxxx [x.xxxx] $\pm .0005$ [.013]
xx/xx $\pm 1/32$
x' $\pm 1'$

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TIGRESS CHAMBER

THIRD ANGLE PROJECTION

DRAWN RSF DATE 3/24/06
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SCALE 2:1 SHEET 18 OF 18

WEIGHT: 0.225 LBS

1

FILE: CHAMBER