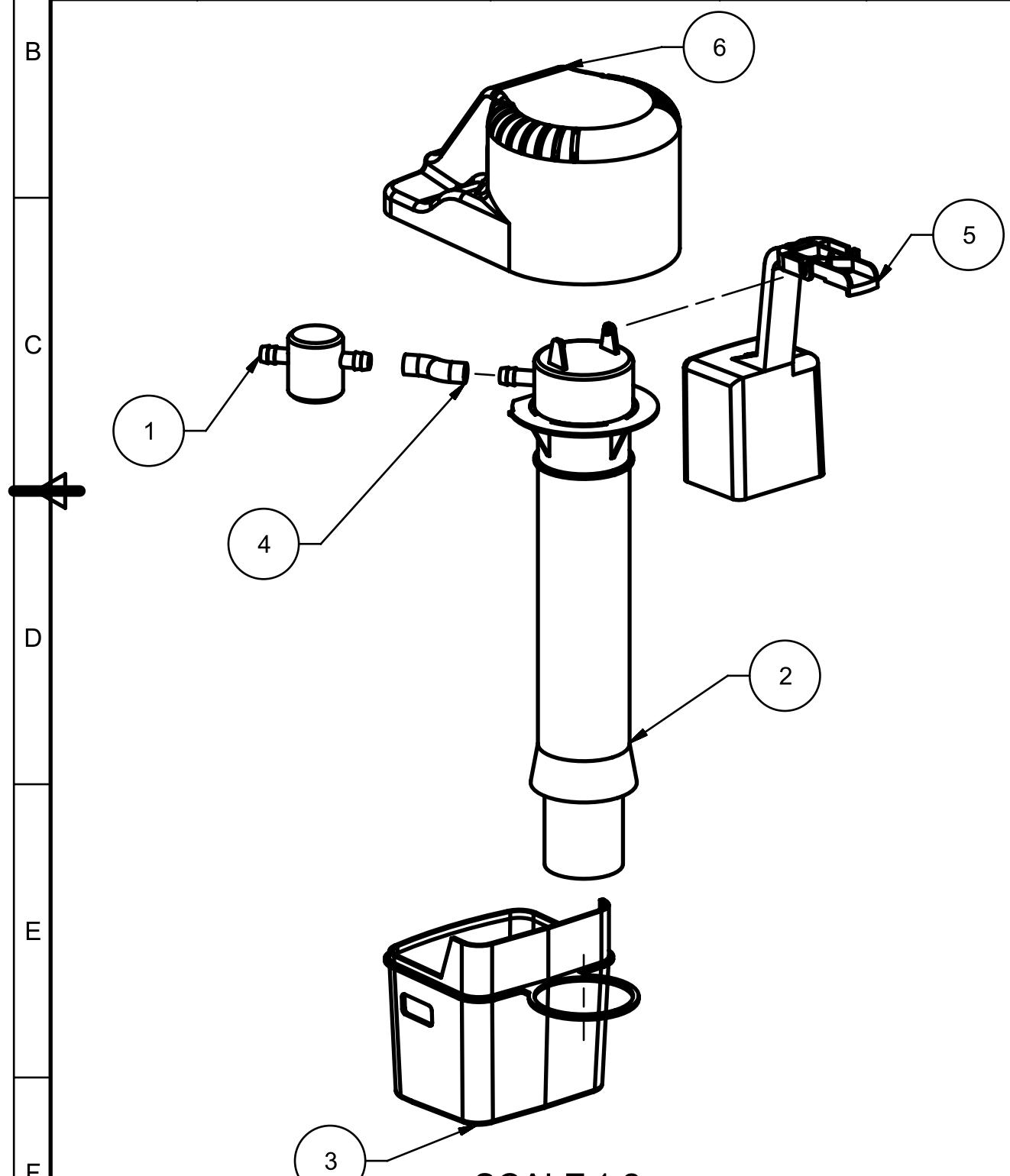
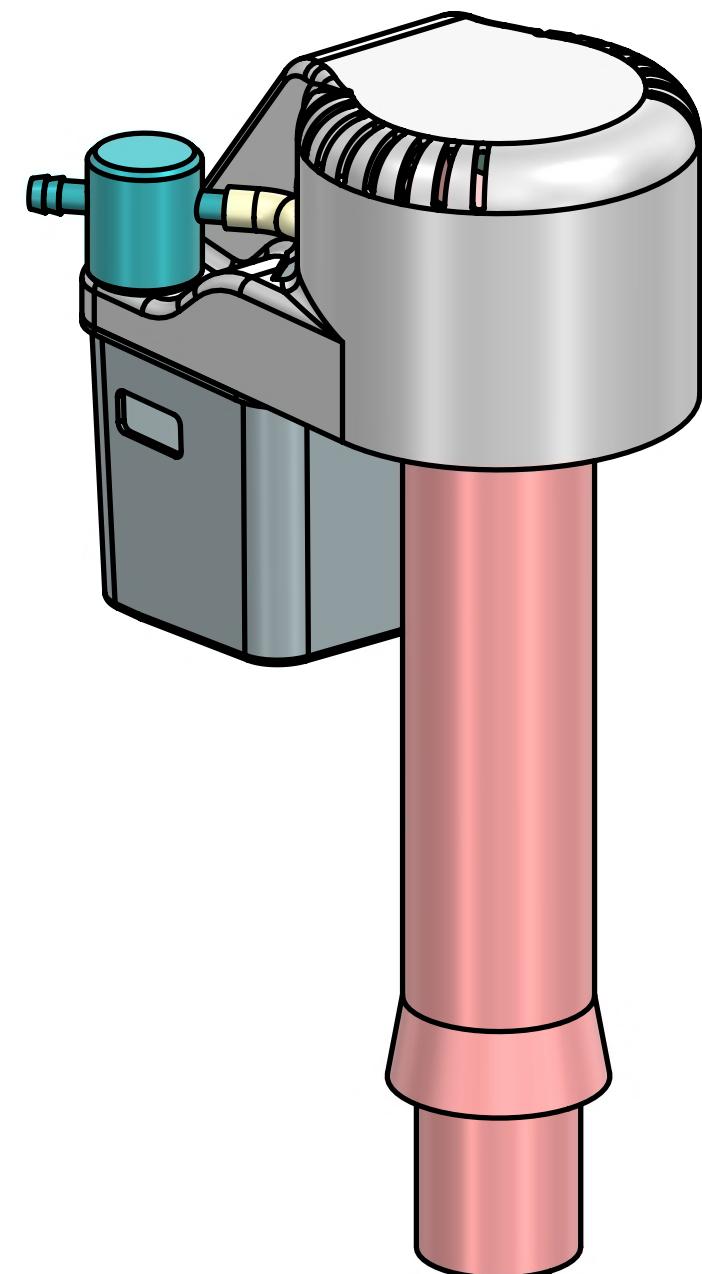


1	2	3	4	5	6	7	8		
PC NO	PART NAME	NX Material	VOLUME	QTY	MODEL REV	SHEET REV	DESCRIPTION	DATE(YEAR-MO-DA)	APPROVED
1	VALVE	ABS	0.1138	1		A	INITIAL_REVISION	2025-12-08	
2	POST	Polycarbonate	2.3091	1					
3	FLOAT_BIN	Polypropylene	1.1952	1					
4	EXTENSION	Polypropylene	0.0178	1					
5	CWEIGHT	ABS	0.6060	1					
6	CAP	Acrylic	1.6858	1					

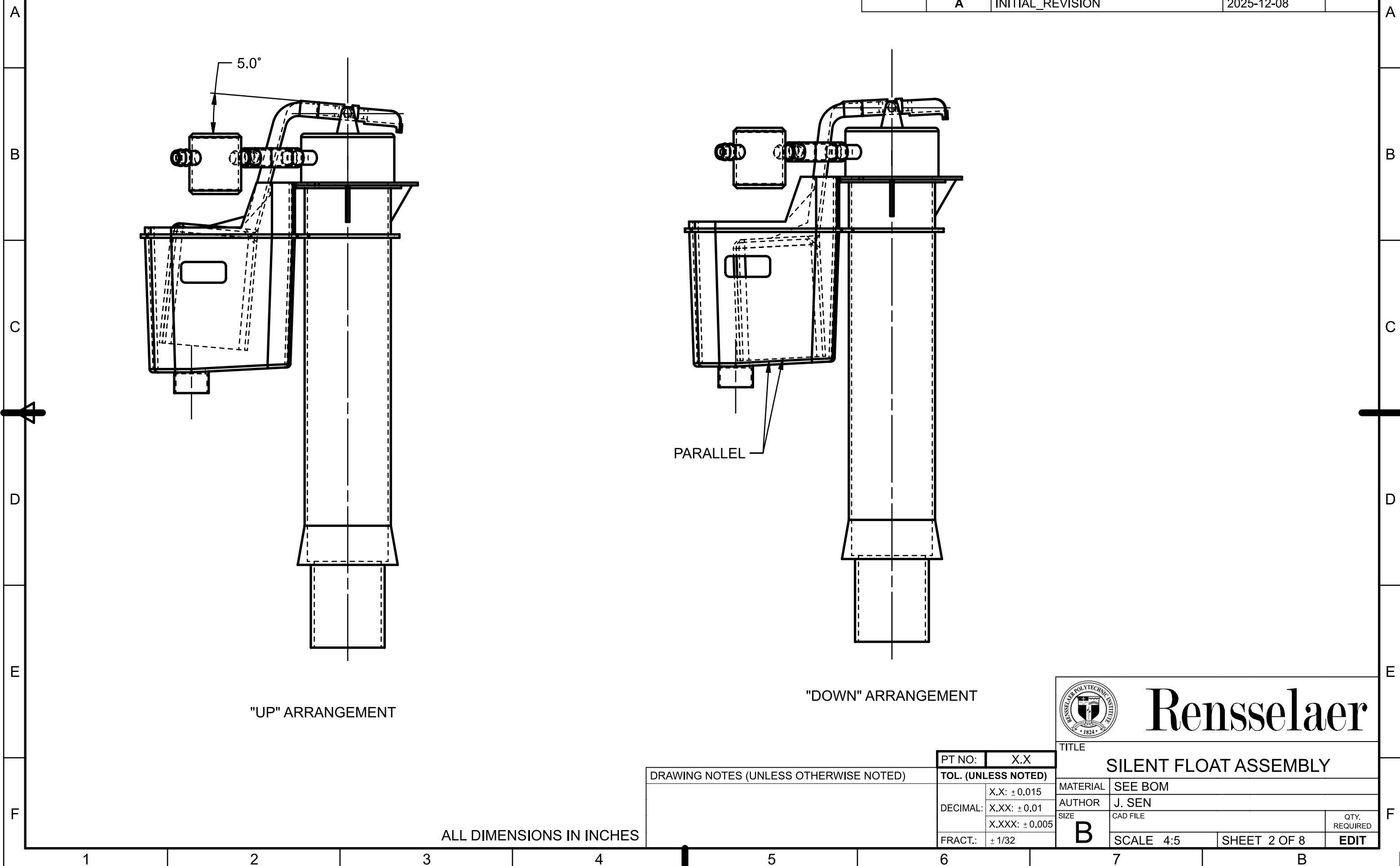


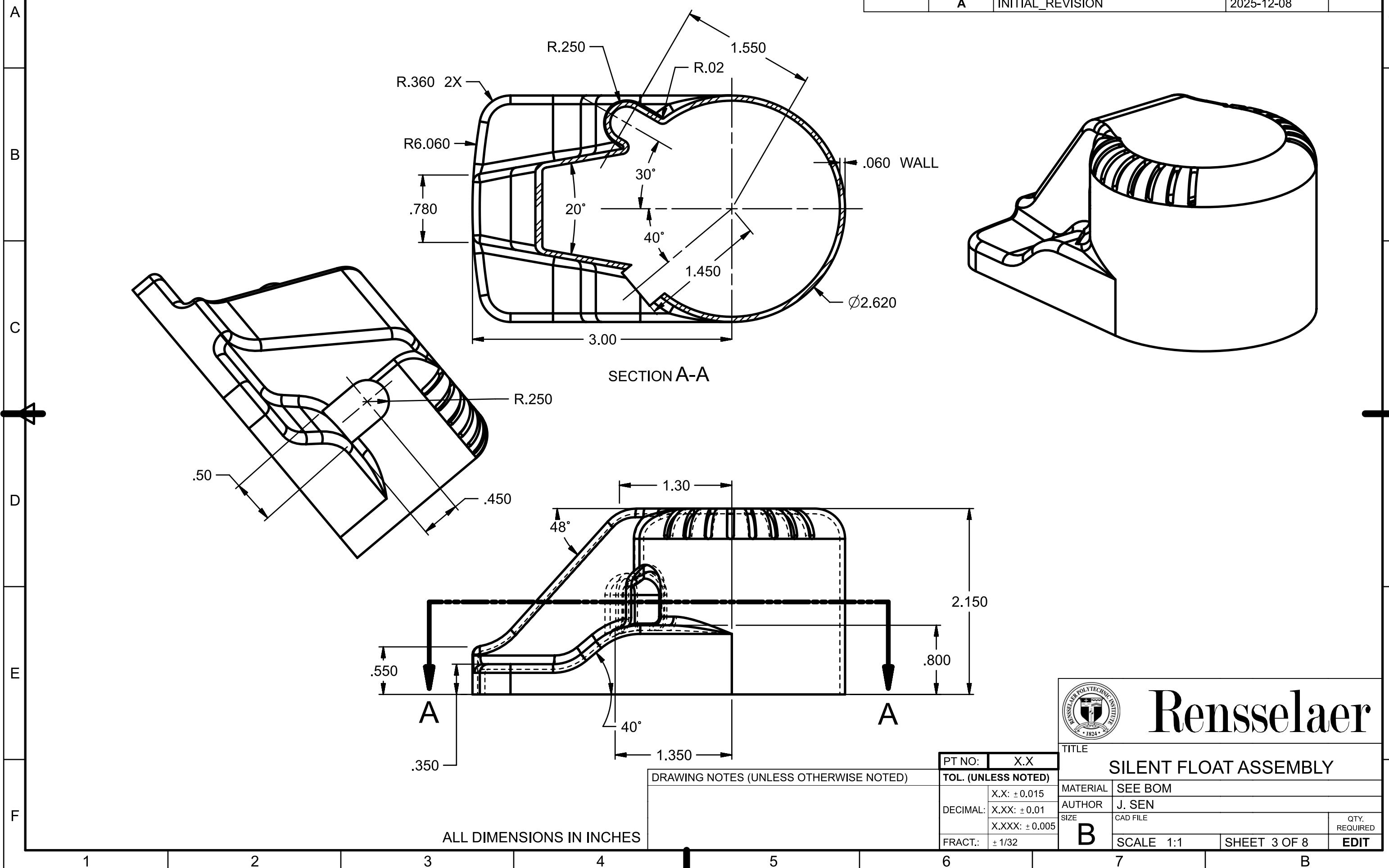
ALL DIMENSIONS IN INCHES



DRAWING NOTES (UNLESS OTHERWISE NOTED)	
PT NO:	X.X

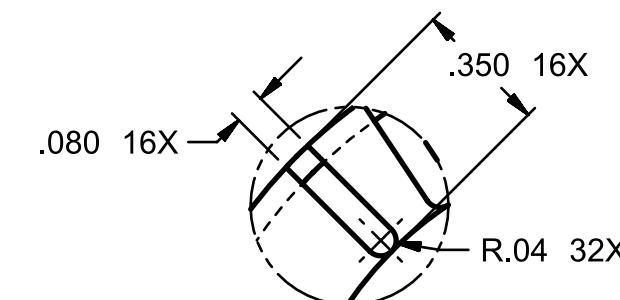
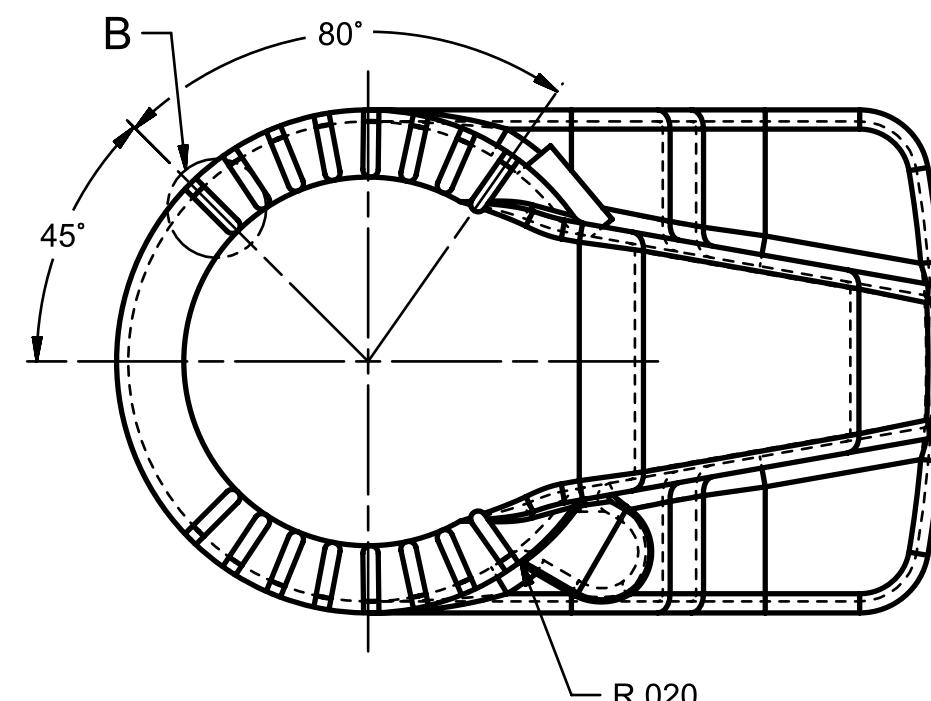
TITLE	Rensselaer
PT NO:	X.X
TOL. (UNLESS NOTED)	X.X: ±0.015
MATERIAL	SEE BOM
DECIMAL:	X.XX: ±0.01
AUTHOR	J. SEN
SIZE	CAD FILE
FRACT.:	X.XXX: ±0.005
B	SCALE 4:5
	SHEET 1 OF 8
	EDIT



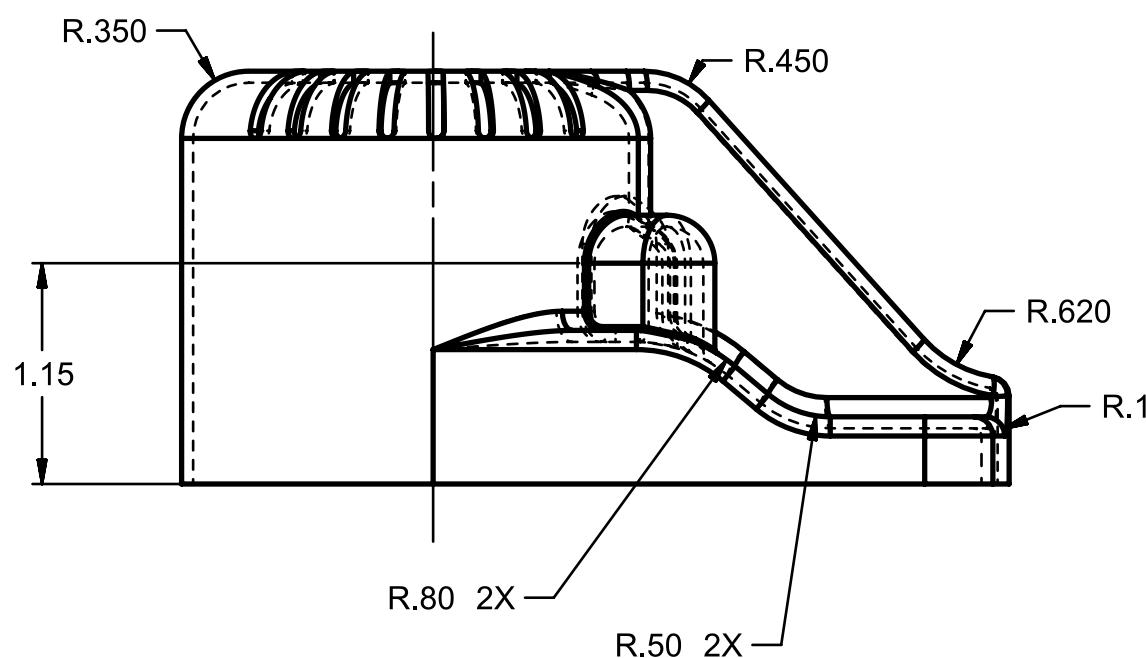
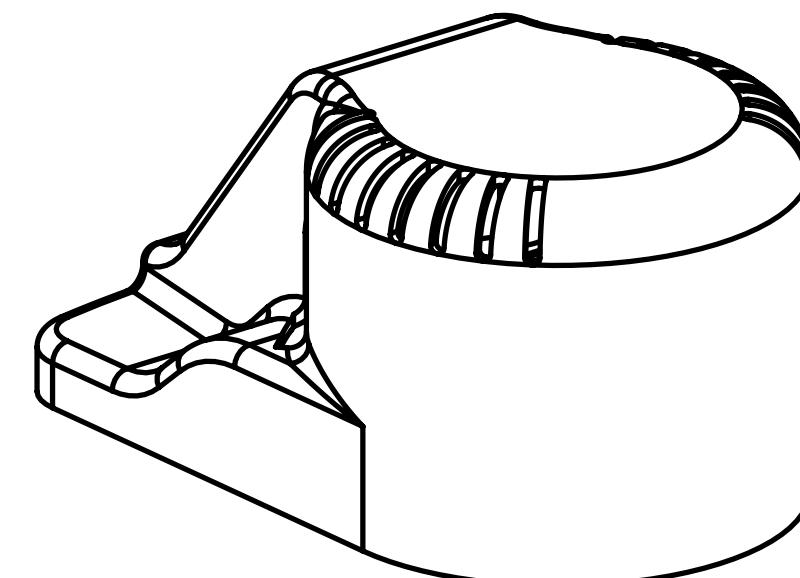


1	2	3	4	5	6	7	8
A				MODEL REV	SHEET REV	DESCRIPTION	DATE(YEAR-MO-DA) APPROVED

	A	INITIAL_REVISION	2025-12-08	
--	---	------------------	------------	--



DETAIL B
SCALE 2:1



ALL DIMENSIONS IN INCHES

DRAWING NOTES (UNLESS OTHERWISE NOTED)

PT NO:	X.X
TOL. (UNLESS NOTED)	
DECIMAL:	X.X: ± 0.015
	X.XX: ± 0.01
	X.XXX: ± 0.005
FRACT.:	± 1/32
MATERIAL	SEE BOM
AUTHOR	J. SEN
SIZE	CAD FILE
B	QTY. REQUIRED
SCALE 1:1	SHEET 4 OF 8
EDIT	



Rensselaer

TITLE

SILENT FLOAT ASSEMBLY

1	2	3	4	5	6	7	B
---	---	---	---	---	---	---	---

A

B

C

D

E

F

This technical drawing shows a cross-sectional view of a mechanical component. The overall width is 1.40. A vertical slot on the left has a height of .330 and a top width of .125. A 30° angle is indicated at the top right corner. A horizontal slot has a width of 1.150 and a height of .060. A radius of R.375 is shown at the bottom right corner. A dimension of .19 is given for a gap between the bottom edge and a vertical line. A note "SEE NOTE #2" points to a feature where a width of .70 is repeated three times (3X). A depth of 1.75 is indicated for the bottom section. A note "SEE NOTE #2" also points to a top section with a width of .175 and a 45° angle. To the right, a detailed view shows a height of 1.92 and a width of 1.50. A note "SEE NOTE #2" points to a top section with a width of .86 and a height of .50. A note "3X" indicates a feature is repeated three times. A radius "R" is shown at the bottom right corner of the main part.

This technical drawing shows a component labeled "TE #2". The overall width is 1.95, with a central section of 1.30. A vertical dimension of .70 is shown from the bottom to a top feature. A thickness of .04 is indicated on the right side. A radius of R1.0 is shown at the bottom right corner. A dimension of .50 is shown between two horizontal lines. A dimension of .20 is shown at the bottom center. A dimension of .50 is also shown at the bottom center. A dimension of .29 is shown at the bottom left. Two arrows labeled "C" point upwards from the top corners. Two arrows labeled "C" point upwards from the right side. A dimension of 90° is shown at the top right. A dimension of 4X is shown at the top left.

The technical drawing shows a cross-sectional view of a mechanical component. The overall height is .190. A vertical slot has a depth of .125 and a width of 3X. The bottom edge of this slot is at a height of 1.250 from the base. A circular feature has a diameter of 170°. The top surface has a radius of R.06. A horizontal slot has a depth of .30 and a width of 3X. The top edge of this slot is at a height of .12 from the base. The bottom edge of this slot is at a height of .04 from the base. The horizontal slot has a radius of R.15. The distance between the vertical slot and the horizontal slot is .30. The 3D view shows a rectangular block with a handle extending from the top right corner.

SCALE 1:1

SCALE 1:1



Rensselaer

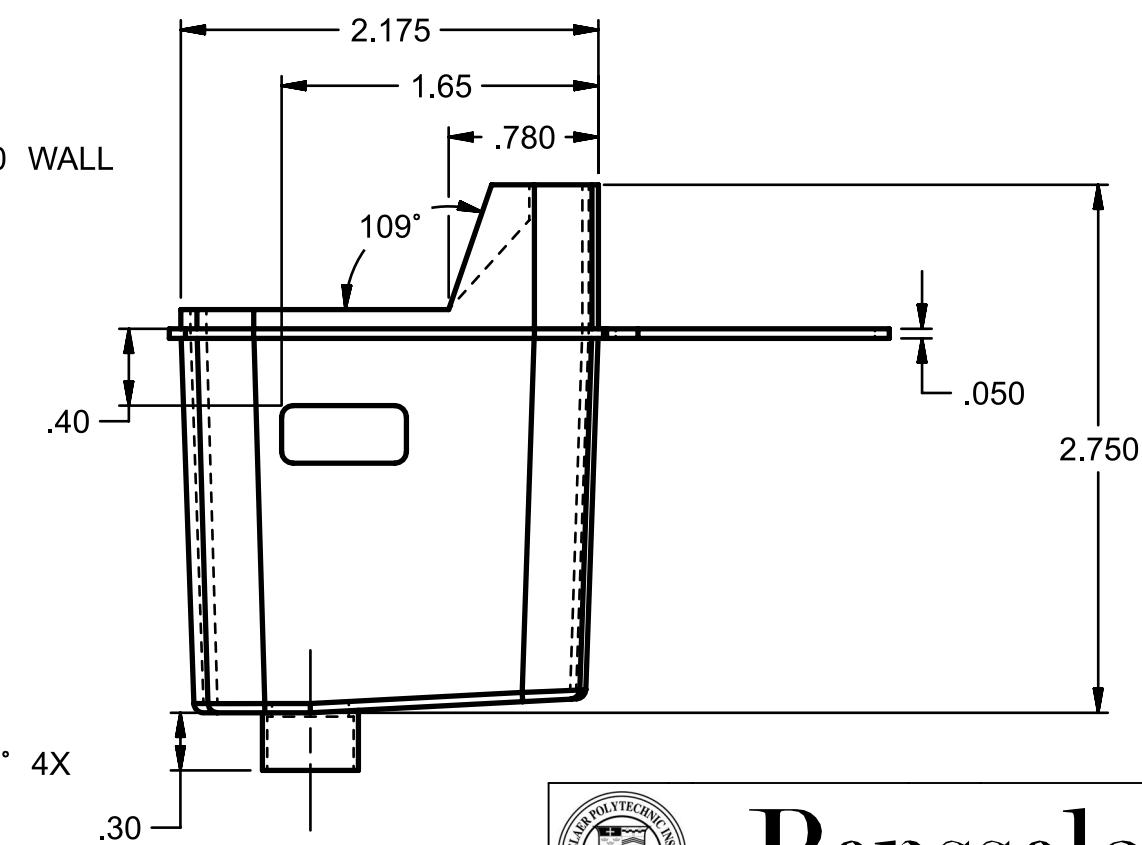
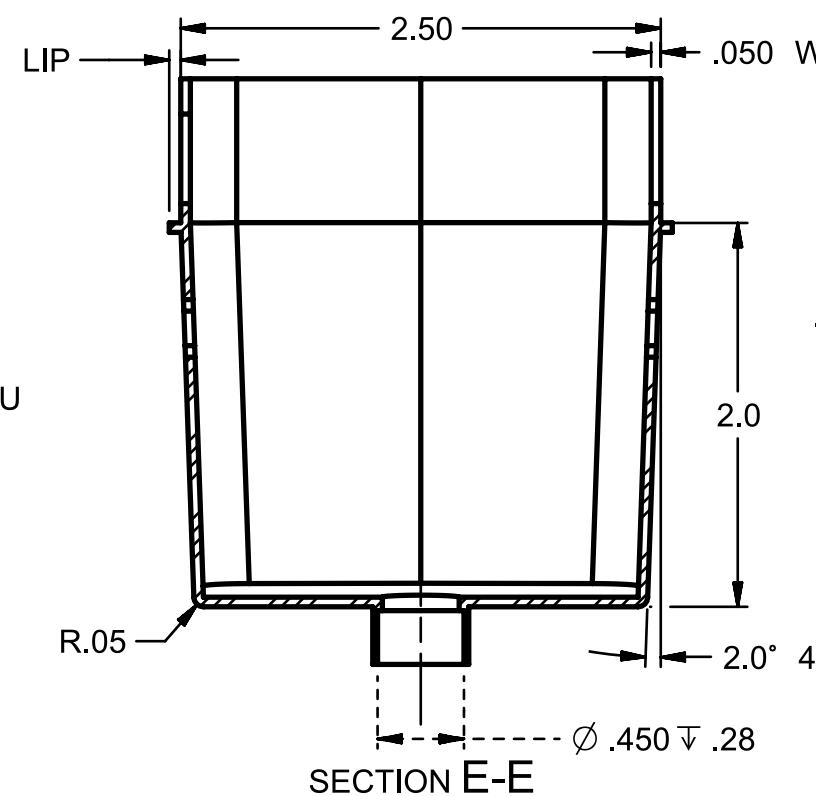
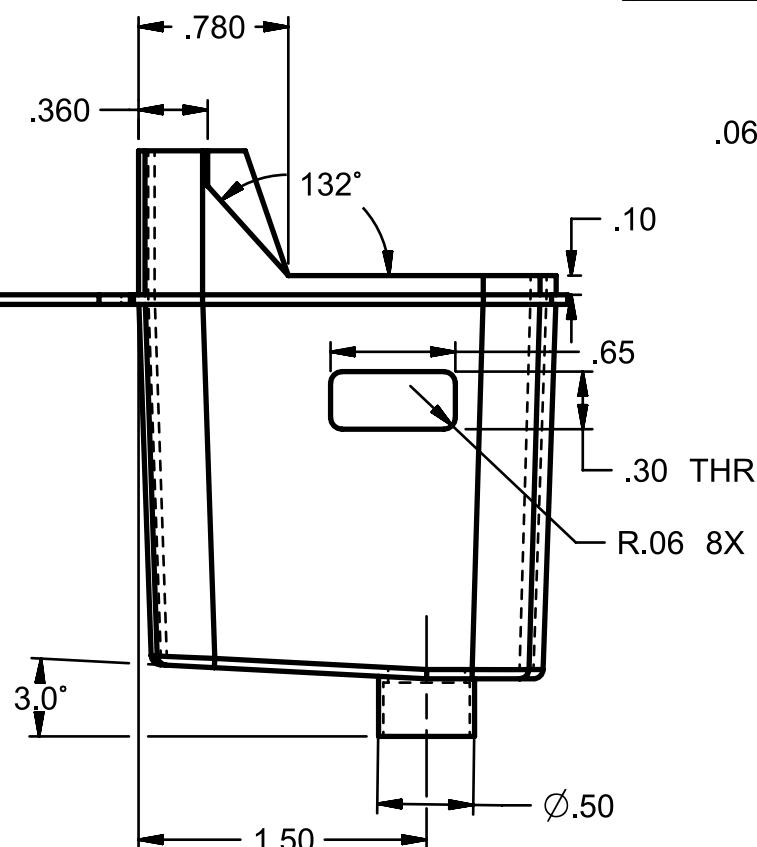
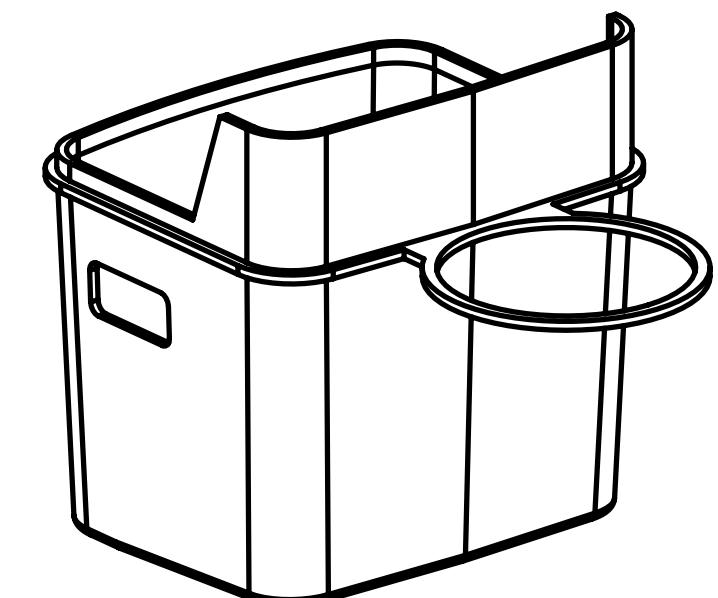
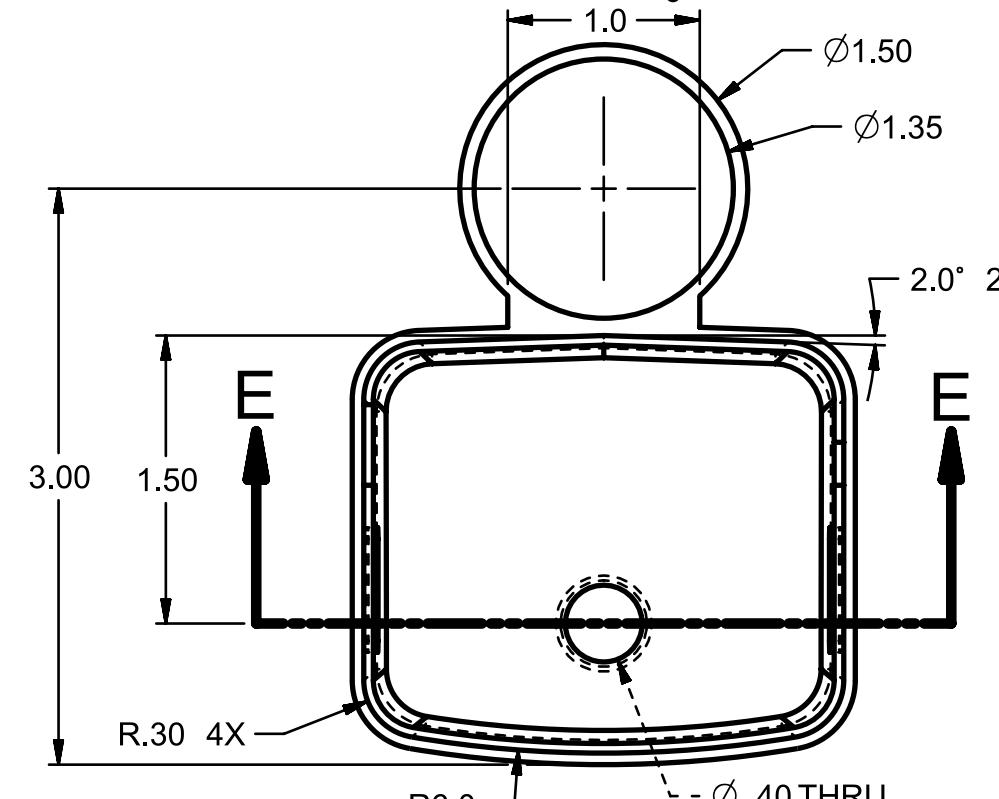
TITLE

SECTION C-C

ALL DIMENSIONS IN INCHES

SECTION C-C		PT NO:	X.X	TITLE	
DRAWING NOTES (UNLESS OTHERWISE NOTED)		TOL. (UNLESS NOTED)		SILENT FLOAT ASSEMBLY	
1. ASSUME SYMMETRY AS APPLICABLE		DECIMAL:	X,X: ± 0.015	MATERIAL SEE BOM	
2. UPPER RADIUS = 5.0			X.XX: ± 0.01	AUTHOR J. SEN	
			X.XXX: ± 0.005	SIZE B	CAD FILE
		FRACT.: ± 1/32	SCALE 5:4		SHEET 5 OF 8

1	2	3	4	5	6	7	8
A	B	C	D	E	MODEL REV A	DESCRIPTION INITIAL_REVISION	DATE(YEAR-MO-DA) 2025-12-08



Rensselaer

TITLE

SILENT FLOAT ASSEMBLY

PT NO:	X.X
TOL. (UNLESS NOTED)	
DECIMAL:	X.X: ± 0.015
	X.XX: ± 0.01
	X.XXX: ± 0.005
FRACT.:	$\pm 1/32$
MATERIAL	SEE BOM
AUTHOR	J. SEN
SIZE	CAD FILE
B	QTY. REQUIRED
SCALE 1:1	SHEET 6 OF 8
EDIT	

ALL DIMENSIONS IN INCHES

1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8

A

B

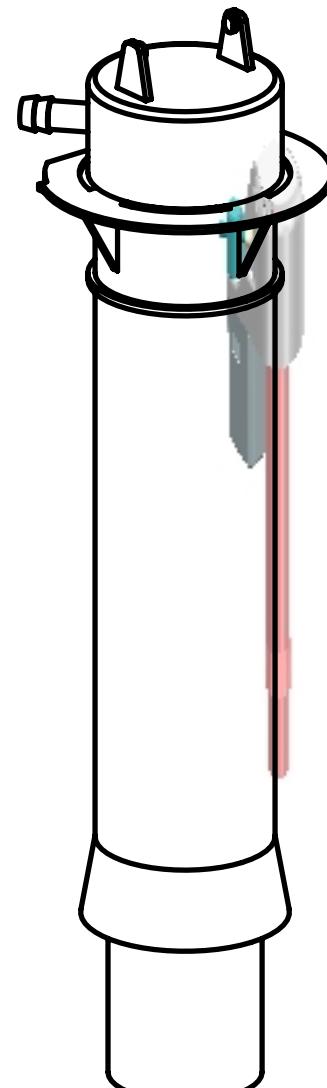
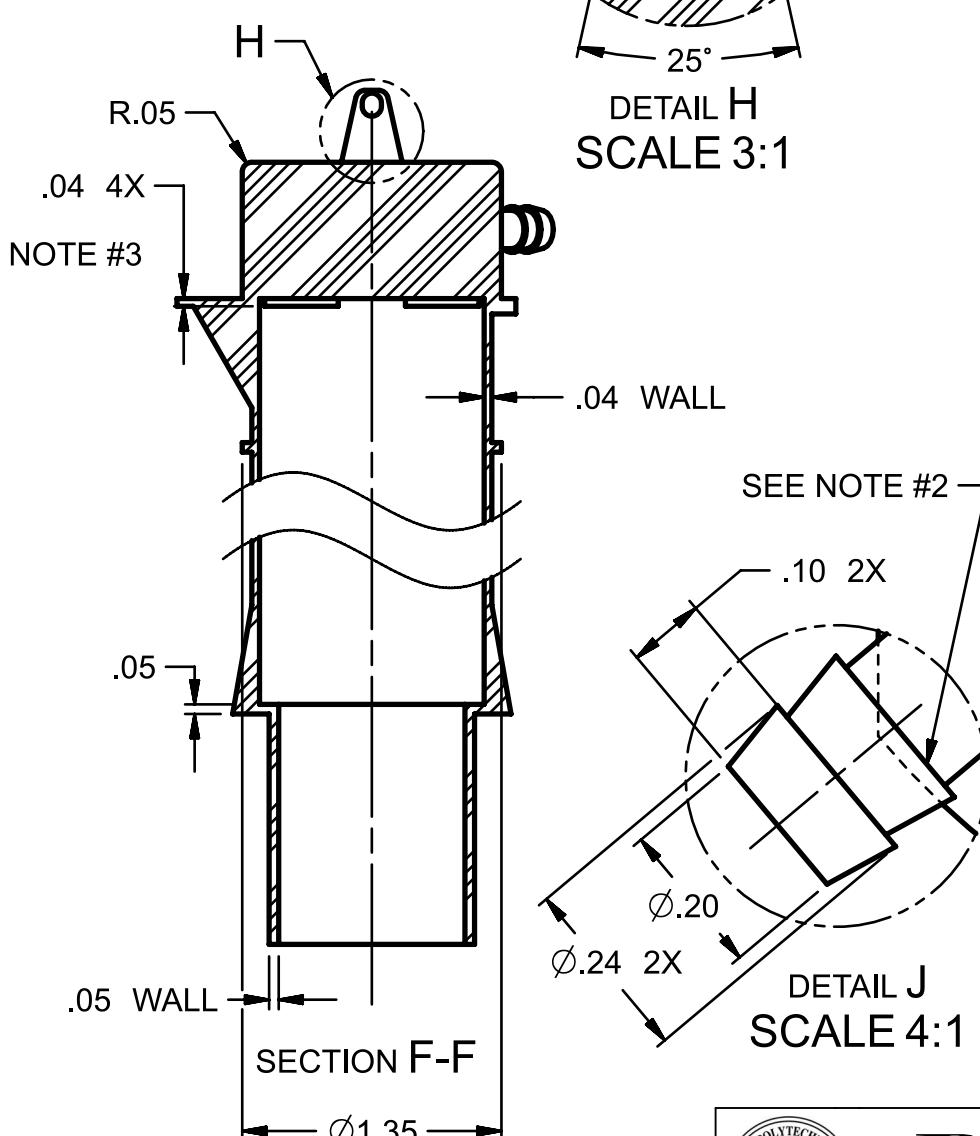
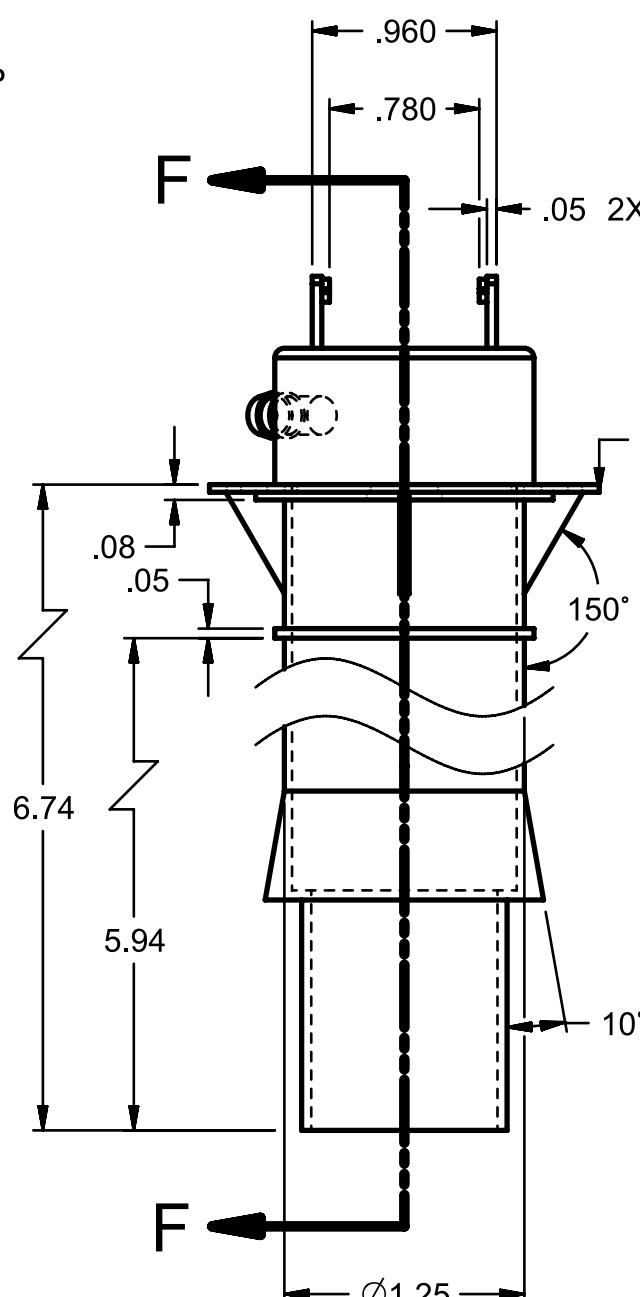
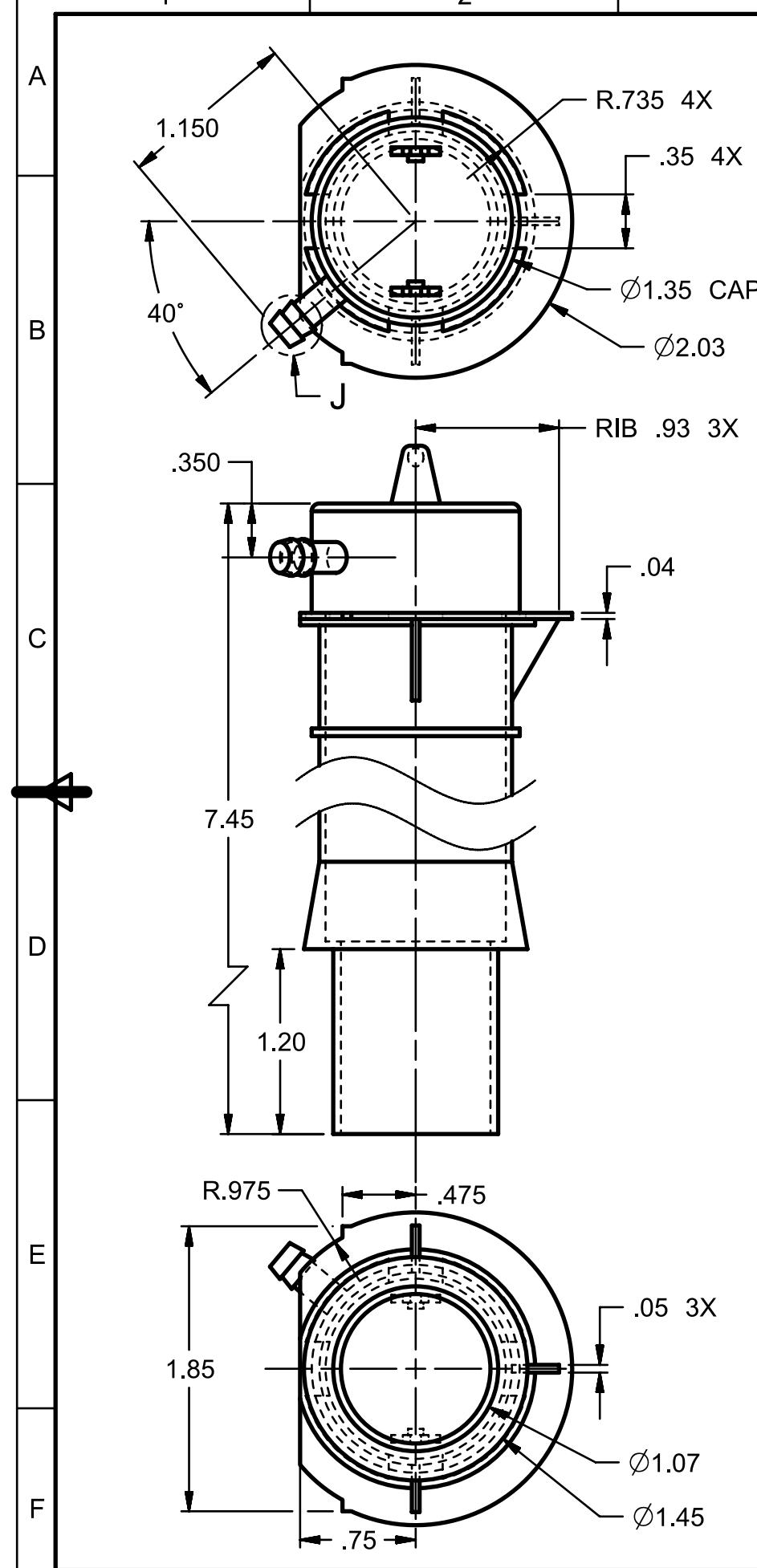
C

D

E

F

1	2	3	4	5	6	7	8
A					MODEL REV A	SHEET REV INITIAL_REVISION	DESCRIPTION DATE(YEAR-MO-DA) APPROVED 2025-12-08

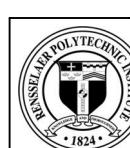


DRAWING NOTES (UNLESS OTHERWISE NOTED)

1. ASSUME SYMMETRY AS APPLICABLE
2. EXTENSION FLUSH WITH THIS FACE
3. RADIUS OF LOWER LIP = .775

ALL DIMENSIONS IN INCHES

PT NO:	X.X
TOL. (UNLESS NOTED)	
DECIMAL:	X.X: ± 0.015
	X.XX: ± 0.01
	X.XXX: ± 0.005
FRACT.:	$\pm 1/32$
SIZE	CAD FILE
SCALE	1:1
SHEET	7 OF 8
QTY.	REQUIRED
EDIT	



Rensselaer

1	2	3	4	5	6	7	8
MODEL REV	SHEET REV	DESCRIPTION	DATE(YEAR-MO-DA)	APPROVED			
	A	INITIAL_REVISION	2025-12-08				

