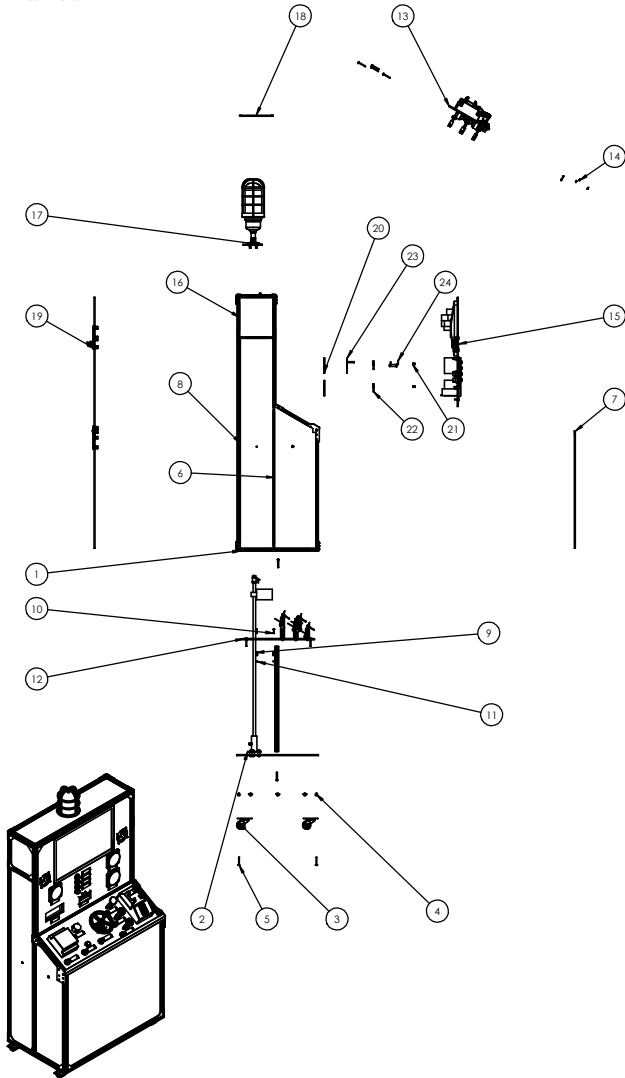


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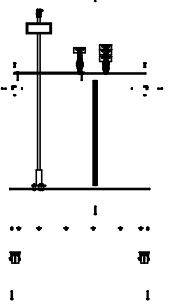
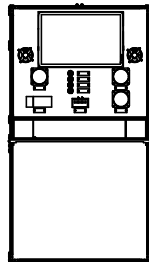
1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{125}$ ON ALL MACHINED SURFACES.



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REVIEWS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. WROCKLAGE
01	ADDED T-SLOT SUPPORT FOR ELECTRICAL SHELF	3/24/2022	M. WROCKLAGE

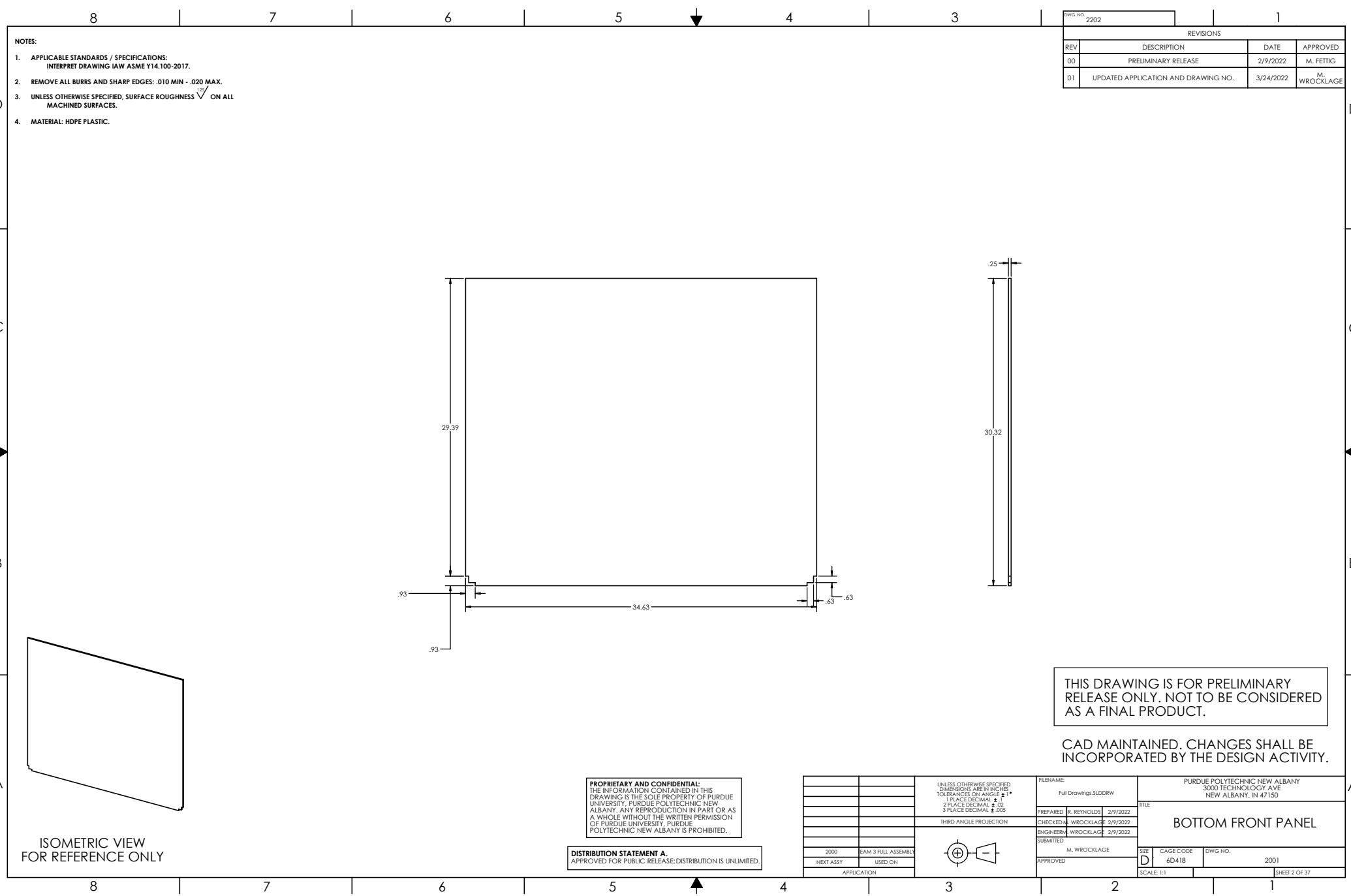
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26	1	6D418	2101		34in T-Slot Beam			
25	1	6D418	2101		34in T-Slot Beam			
24	1	6D418	2009		Stepper Motor Needle			
23	1	6D418	2008		Stepper Motor Mount			
22	2	6D418	2006		Servo Mount			
21	2	6D418	2007		Servo Needle			
20	2	6D418	2010		Inner Gauge Mount			
19	1	6D418	2300		Door Assembly			
18	1	6D418	2004		Top Panel			
17	1	6D418	2700		Coal Light Assembly			
16	2	6D418	2005		Small Side Panels			
15	1	6D418	2600		Front Panel Assembly			
14	8			90480A011	Low-Strength Steel Hex Nut			
13	1	6D418	2500		Control Panel Assembly			
12	1	6D418	2400		Electronics Shelf Assembly			
11	6			90480A007	Low-Strength Steel Hex Nut			
10	6			91735A154	316 Stainless Steel Pan Head Phillips Screw			
9	4			55371315	T-Slotted Framing			
8	2	6D418	2003		Left and Right Back Panels			
7	1	6D418	2001		Bottom Front Panel			
6	2	6D418	2002		Angled Panels			
5	16			91770A253	Extra-Wide Truss Head Phillips Screws			
4	20			47065T139	T-Slotted Framing			
3	4			2390T6	Low-Profile Swivel Caster			
2	1	6D418	2200		Bottom Tachometer Assembly			
1	1	6D418	2100		Frame Assembly			
ITEM OR FIND NO.	QTY. REQD.	CAGE CODE	DRAWING OR SPECIFICATION NO.	PART OR IDENTIFICATION NUMBER	NOMENCLATURE OR DESCRIPTION	PL	MI	NOTES OR REMARKS

PARTS LIST

<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES ± 1° 1 PLACE DECIMAL ± .1 2 PLACE DECIMAL ± .05 3 PLACE DECIMAL ± .005</div> <div>THIRD ANGLE PROJECTION</div> <div></div>		FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150		
		PREPARED R. REYNOLDS 2/9/2022		TITLE		
		CHECKED M. WROCKLAGE 2/9/2022		TEAM 3 TOP ASSEMBLY		
		ENGINEER M. WROCKLAGE 2/9/2022				
		SUBMITTED				
		M. WROCKLAGE				
		APPROVED		SIZE D	CAGE CODE 6D418	DWG NO. 2000
		NEXT ASSY		SCALE: 1:1		
		APPLICATION		SHEET 1 OF 37		



- NOTES:
1. APPLICABLE STANDARDS / SPECIFICATIONS:
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 2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
 3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
 4. MATERIAL: HDPE PLASTIC.


DWG. NO.		1	
2202			
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. FETIG
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE

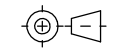
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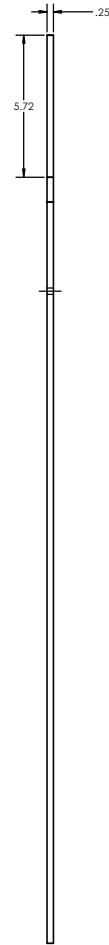
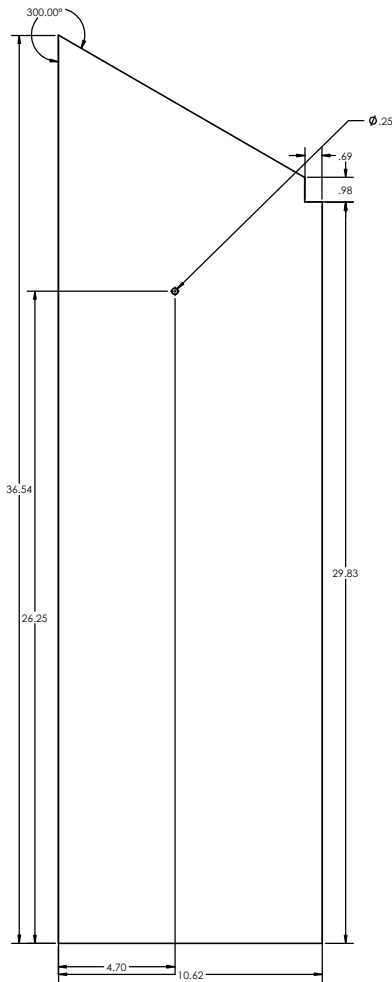
FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES: 1 PLACE DECIMAL & T 2 PLACE DECIMAL & D 3 PLACE DECIMAL & 005		TITLE BOTTOM FRONT PANEL	
THIRD ANGLE PROJECTION		CHECKED M. WROCKLAGE 2/9/2022	
		ENGINEER M. WROCKLAGE 2/9/2022	
		SUBMITTED	
		M. WROCKLAGE	
APPROVED		SIZE D	CAGE CODE 6D418
APPLICATION		DWG NO. 2001	SCALE: 1:1
2000 TEAM 3 FULL ASSEMBLY NEXT ASSY USED ON		SHEET 2 OF 37	



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NOTES:

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INTERPRET DRAWING IAW ASME Y14.100-2004.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.5}$ ON ALL MACHINED SURFACES.
4. MATERIAL: HDPE PLASTIC.



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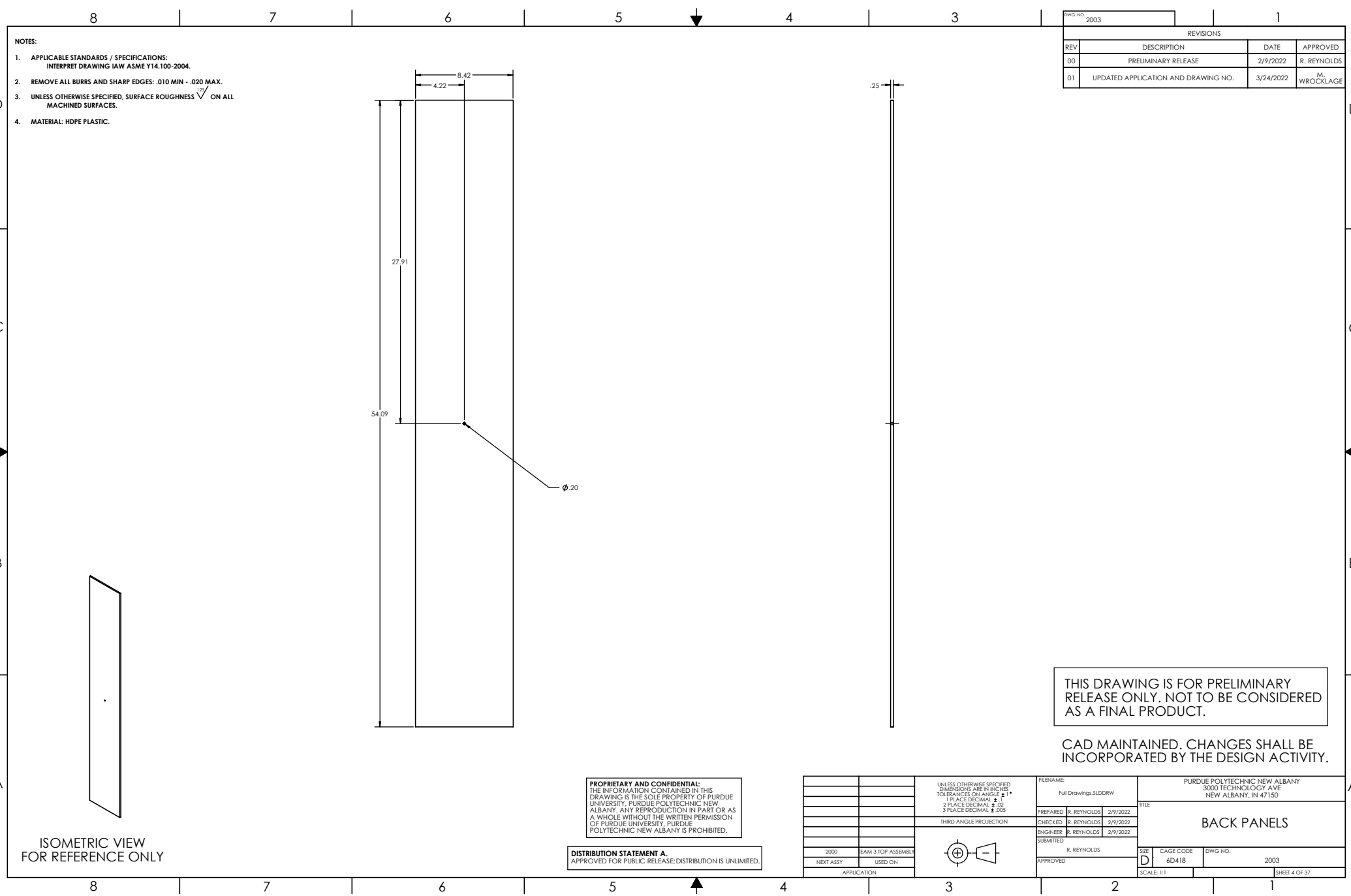
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DWG. NO. 2002		REVISIONS		
REV	DESCRIPTION	DATE	APPROVED	
00	PRELIMINARY RELEASE	2/9/2022	R. REYNOLDS	
01	ADDED HOLE, UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE	

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FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
PREPARED	R. REYNOLDS 2/9/2022	TITLE ANGLED PANELS	
CHECKED	R. REYNOLDS 2/9/2022	SIZE D	
ENGINEER	R. REYNOLDS 2/9/2022		
SUBMITTED	R. REYNOLDS	CAGE CODE 6D418	DWG NO. 2002
APPROVED		SCALE: 1:1	SHEET 3 OF 37



DWG. NO. 2003		1	
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	R. REYNOLDS
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE

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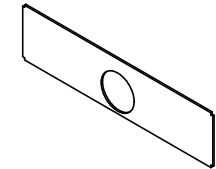
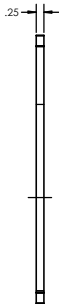
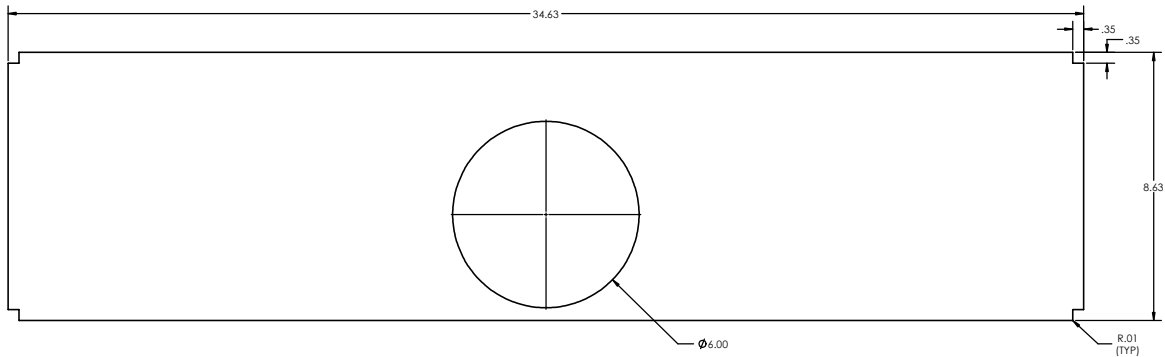
CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
PREPARED	R. REYNOLDS 2/9/2022	TITLE BACK PANELS	
CHECKED	R. REYNOLDS 2/9/2022	SUBMITTED R. REYNOLDS	
ENGINEER	R. REYNOLDS 2/9/2022		
APPROVED		SIZE D	CAGE CODE 6D418
NEXT ASSY		DWG NO. 2003	
APPLICATION		SCALE 1:1	
		SHEET 4 OF 37	

NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
4. MATERIAL: HDPE PLASTIC.

DWG. NO. 2004		REVISIONS		
REV	DESCRIPTION	DATE	APPROVED	
00	PRELIMINARY RELEASE	2/9/2022	M. WROCKLAGE	
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE	



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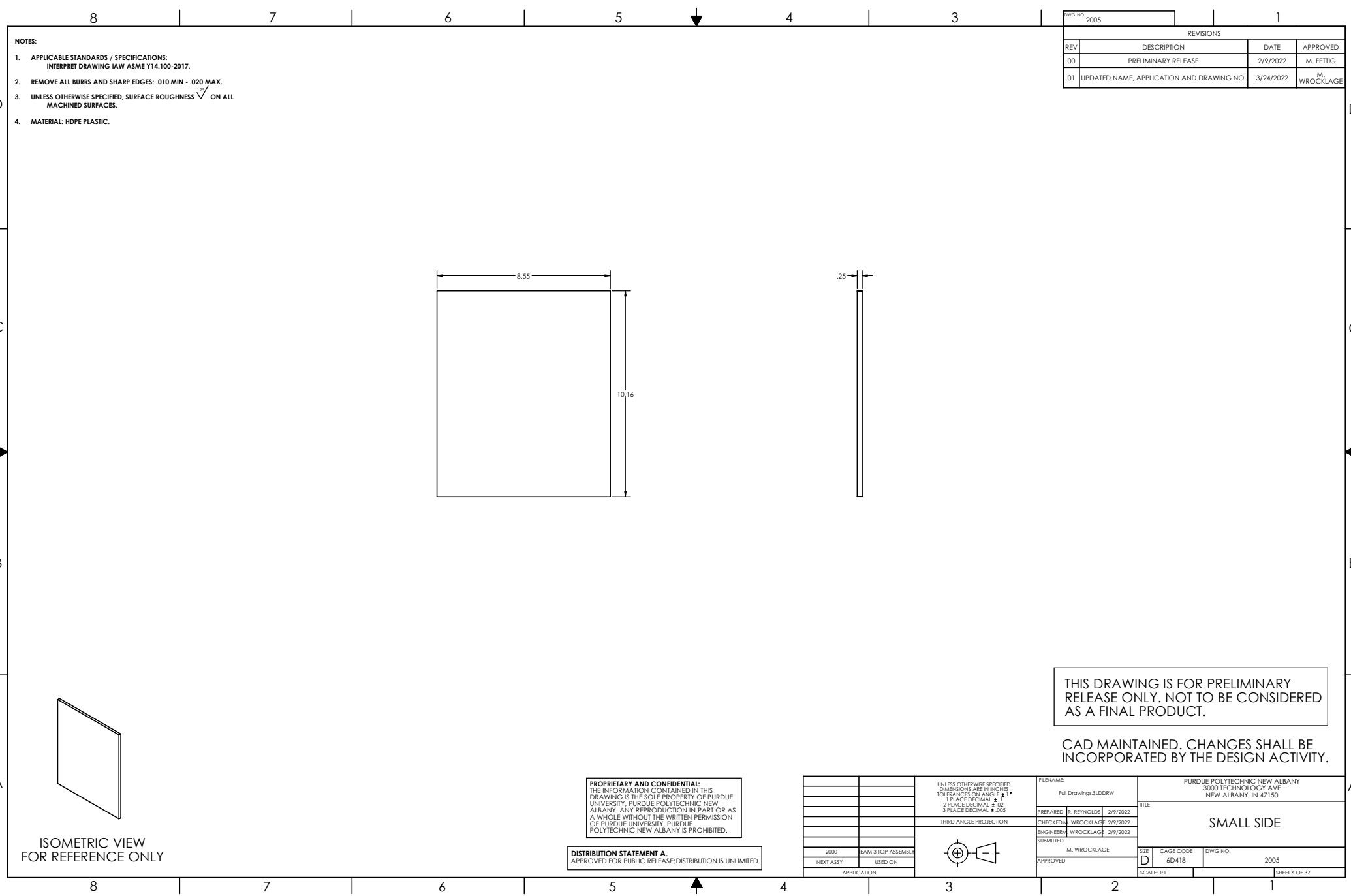
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PREPARED: R. REYNOLDS 2/9/2022		CHECKED: M. WROCKLAGE 2/9/2022		ENGINEER: M. WROCKLAGE 2/9/2022		TITLE TOP	
SUBMITTED		M. WROCKLAGE		APPROVED		SIZE D	
2000 TEAM 3 TOP ASSEMBLY		NEXT ASSY USED ON		APPLICATION		CAGE CODE 6D418	
						DWG NO. 2004	
						SCALE: 1:1	
						SHEET 5 OF 37	

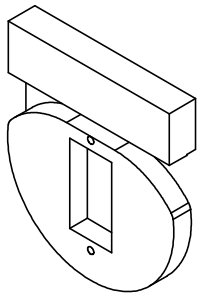
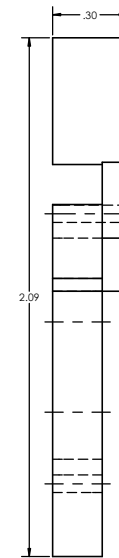
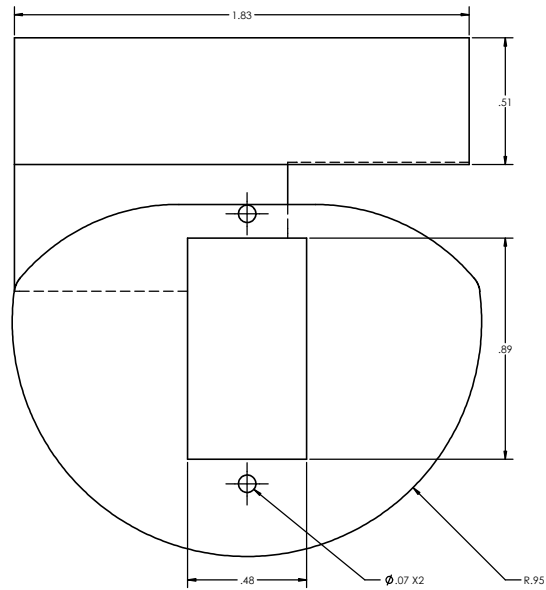
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NOTES:

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2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
4. MATERIAL: PLA PLASTIC.



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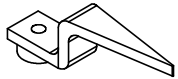
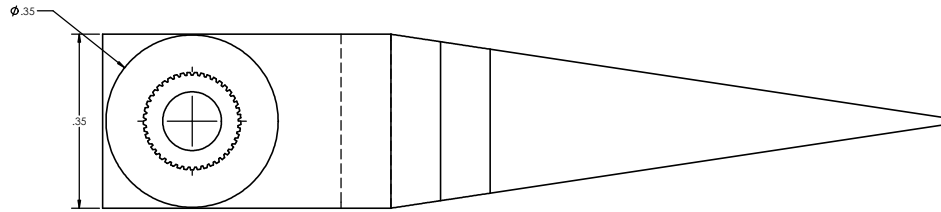
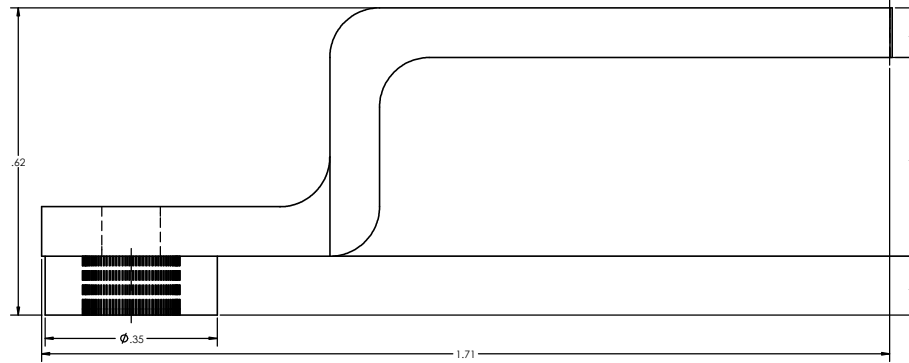
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES $\pm 1^\circ$ 1 PLACE DECIMAL $\pm .02$ 2 PLACE DECIMAL $\pm .01$ 3 PLACE DECIMAL $\pm .005$		FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
THIRD ANGLE PROJECTION		PREPARED BY: REYNOLDS 2/9/2022		TITLE	
		CHECKED BY: WROCKLAGE 2/9/2022		SERVO MOUNT	
		ENGINEER: WROCKLAGE 2/9/2022			
		SUBMITTED			
2000 TEAM 3 TOP ASSEMBLY		M. WROCKLAGE		SIZE D	
NEXT ASSY USED ON		APPROVED		CAGE CODE 6D418	
APPLICATION		SCALE 1:1		DWG NO. 2006	
				SHEET 7 OF 37	

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2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
4. MATERIAL: PLA PLASTIC.



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2000	TEAM 3 TOP ASSEMBLY	PREPARED BY: REYNOLDS 2/9/2022		CHECKED BY: WROCKLAGE 2/9/2022		TITLE	
NEXT ASSY	USED ON	ENGINEER: WROCKLAGE 2/9/2022		SUBMITTED		SERVO POINTER	
APPLICATION		APPROVED		M. WROCKLAGE		SIZE D	
						CAGE CODE 6D418	
						DWG NO. 2007	
						SCALE 1:1	
						SHEET 8 OF 37	

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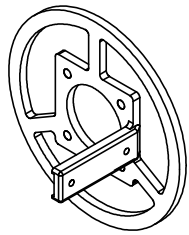
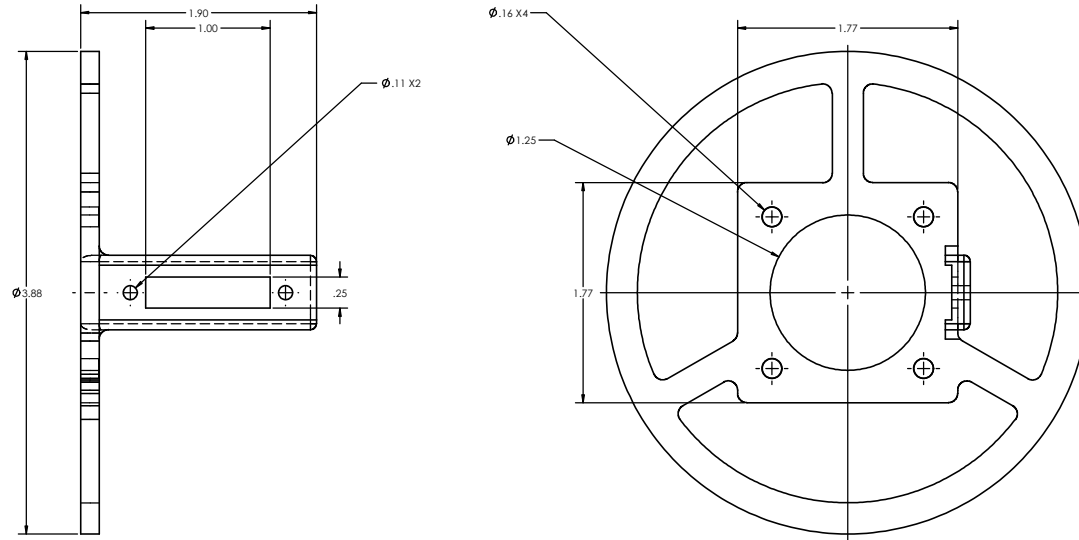
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. WROCKLAGE
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE

NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
4. MATERIAL: PLA PLASTIC.

DWG. NO. 2008		1	
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. WROCKLAGE
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE


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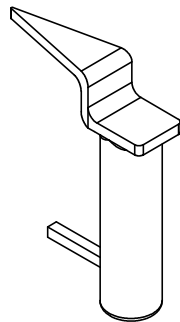
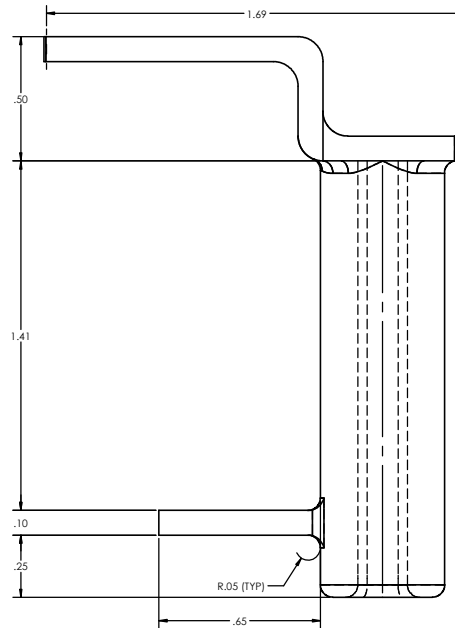
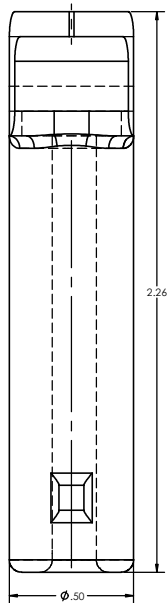
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		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES ± 1° 1 PLACE DECIMAL ± .1 2 PLACE DECIMAL ± .01 3 PLACE DECIMAL ± .005		FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
		THIRD ANGLE PROJECTION		PREPARED BY: R. REYNOLDS 2/9/2022		TITLE	
				CHECKED BY: M. WROCKLAGE 2/9/2022		STEPPER MOTOR MOUNT	
				ENGINEER: M. WROCKLAGE 2/9/2022			
				SUBMITTED			
				M. WROCKLAGE		SIZE	
2000 TEAM 3 TOP ASSEMBLY				APPROVED		CAGE CODE	
NEXT ASSY		USED ON				6D418	
APPLICATION						DWG NO.	
						2008	
						SCALE: 1:1	
						SHEET 9 OF 37	

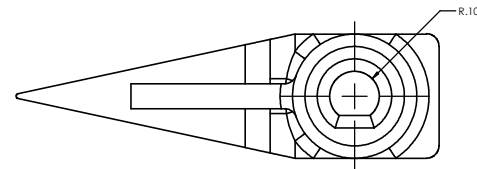


NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
4. MATERIAL: PLA PLASTIC.



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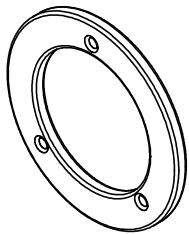
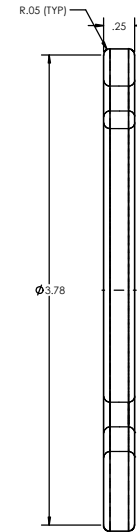
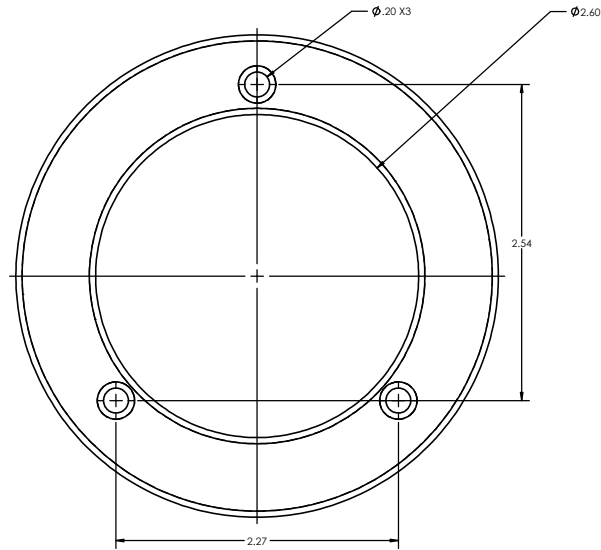
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FILENAME: Full Drawing: SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
PREPARED BY: REYNOLDS	2/9/2022	TITLE	
CHECKED BY: WROCKLAGE	2/9/2022	STEPPER NEEDLE	
ENGINEER: WROCKLAGE	2/9/2022	SUBMITTED	
M. WROCKLAGE		APPROVED	
2000	TEAM 3 TOP ASSEMBLY	SIZE	CAGE CODE
NEXT ASSY	USED ON	D	6D418
APPLICATION		SCALE: 1:1	DWG NO. 2009
		SHEET 10 OF 37	

NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
4. MATERIAL: PLA PLASTIC.



ISOMETRIC VIEW
FOR REFERENCE ONLY


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DWG. NO. 2010		1	
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. WROCKLAGE
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE

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CAD MAINTAINED. CHANGES SHALL BE
INCORPORATED BY THE DESIGN ACTIVITY.

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON ANGLE ± 1° 1 PLACE DECIMAL ± .1 2 PLACE DECIMAL ± .02 3 PLACE DECIMAL ± .005		FILENAME: Full Drawings.SLDWR		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150					
		THIRD ANGLE PROJECTION		PREPARED BY: R. REYNOLDS 2/9/2022		TITLE GAUGE INNER MOUNT					
				CHECKED BY: M. WROCKLAGE 2/9/2022		SIZE D		CAGE CODE 6D418		DWG. NO. 2010	
				ENGINEER: M. WROCKLAGE 2/9/2022							
				SUBMITTED							
2000 TEAM 3 TOP ASSEMBLY				M. WROCKLAGE							
NEXT ASSY USED ON				APPROVED		SCALE: 1:1				SHEET 11 OF 37	
APPLICATION											

NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2004.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS \sqrt{R} ON ALL MACHINED SURFACES.

REVIEWS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	R. REYNOLDS
01	ADDED SUPPORT BEAMS, UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE

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ITEM OR FIND NO.	QTY.	CAGE CODE	DRAWING OR SPECIFICATION NO.	PART OR IDENTIFICATION NUMBER	NOMENCLATURE OR DESCRIPTION	PL	MI	NOTES OR REMARKS
20	2	6D418	2101		34in T-Slot Beam			
19	1	6D418	2101		34in T-Slot Beam			
18	100			91306A757	Button Head Hex Drive Screws			
17	100			55371651	T-slotted Framing			
16	4			3136N252	T-slotted Framing			
15	2			91770A253	Extra-Wide Truss Head Phillips Screws			
14	30			47065T139	T-slotted Framing			
13	9			55371315	T-slotted Framing			
12	8			47065T255	T-slotted Framing			
11	2		2105	47065T329	T-slotted Framing			
10	2	6D418	2102		12in T-Slot Beam			
9	1		2103	HFS60A6-30	60 Degree T-Slot			
8	2		2104	J43302 155	6 Hole 30 Degree Angle Joining Plate			
7	4	6D418	2101		8in T-Slot Beam			
6	2	6D418	2101		64.98in T-Slot Beam			
5	20			47065T267	T-slotted Framing			
4	2	6D418	2101		30.604in T-Slot Beam			
3	2	6D418	2101		65.96in T-Slot Beam			
2	2	6D418	2101		18.985in T-Slot Beam			
1	6	6D418	2101		34in T-Slot Beam			

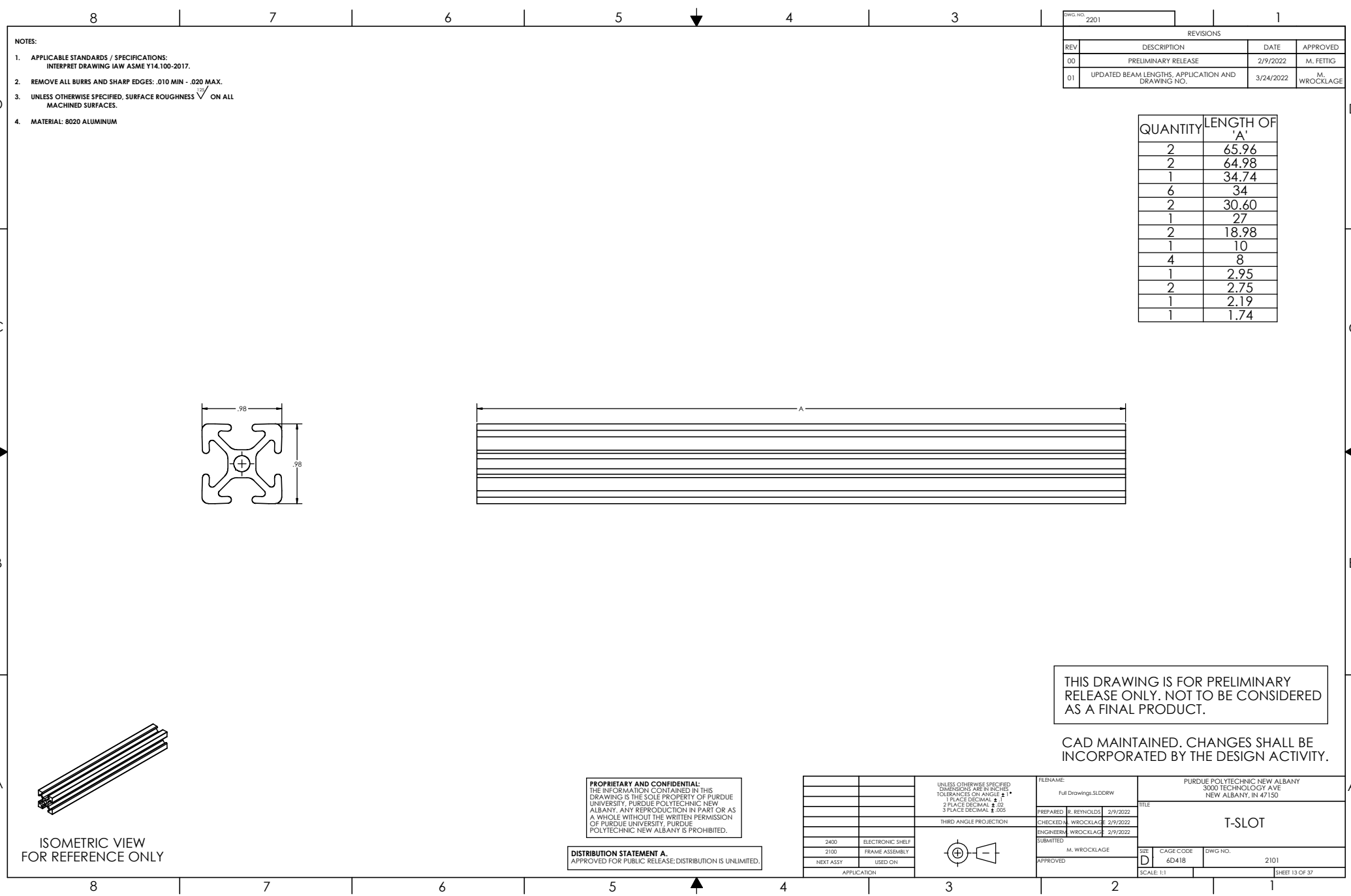
PARTS LIST

FILENAME:				PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150			
Full Drawings.SLDRAW				TITLE			
PREPARED: R. REYNOLDS 2/9/2022				FRAME ASSEMBLY			
CHECKED: R. REYNOLDS 2/9/2022				SIZE			
ENGINEER: R. REYNOLDS 2/9/2022				CAGE CODE			
SUBMITTED				DWG NO.			
R. REYNOLDS				2100			
APPROVED				SCALE: 1:1			
APPLICATION				SHEET 12 OF 37			

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- NOTES:
1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
 2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
 3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{125}$ ON ALL MACHINED SURFACES.
 4. MATERIAL: 8020 ALUMINUM

DWG. NO. 2201		1	
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. FETIG
01	UPDATED BEAM LENGTHS, APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE

QUANTITY	LENGTH OF 'A'
2	65.96
2	64.98
1	34.74
6	34
2	30.60
1	27
2	18.98
1	10
4	8
1	2.95
2	2.75
1	2.19
1	1.74

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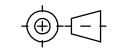
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FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
PREPARED	R. REYNOLDS	2/9/2022	TITLE
CHECKED	M. WROCKLAGE	2/9/2022	T-SLOT
ENGINEER	M. WROCKLAGE	2/9/2022	
SUBMITTED	M. WROCKLAGE		
APPROVED			
2400	ELECTRONIC SHELF		
2100	FRAME ASSEMBLY		
NEXT ASSY	USED ON		
APPLICATION		SIZE D	CAGE CODE 6D418
		SCALE 1:1	DWG. NO. 2101
		SHEET 13 OF 37	



8

7

6

5

4

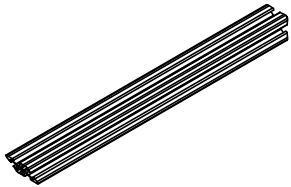
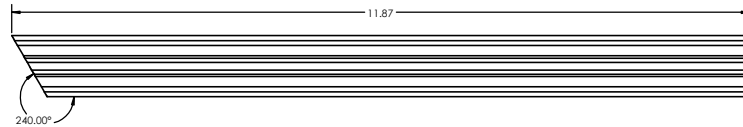
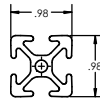
3

1

NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.6}$ ON ALL MACHINED SURFACES.
4. MATERIAL: 8020 ALUMINUM

DWG. NO. 2102		REVISIONS		
REV	DESCRIPTION	DATE	APPROVED	
00	PRELIMINARY RELEASE	2/9/2022	M. FETIG	
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE	



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FOR REFERENCE ONLY

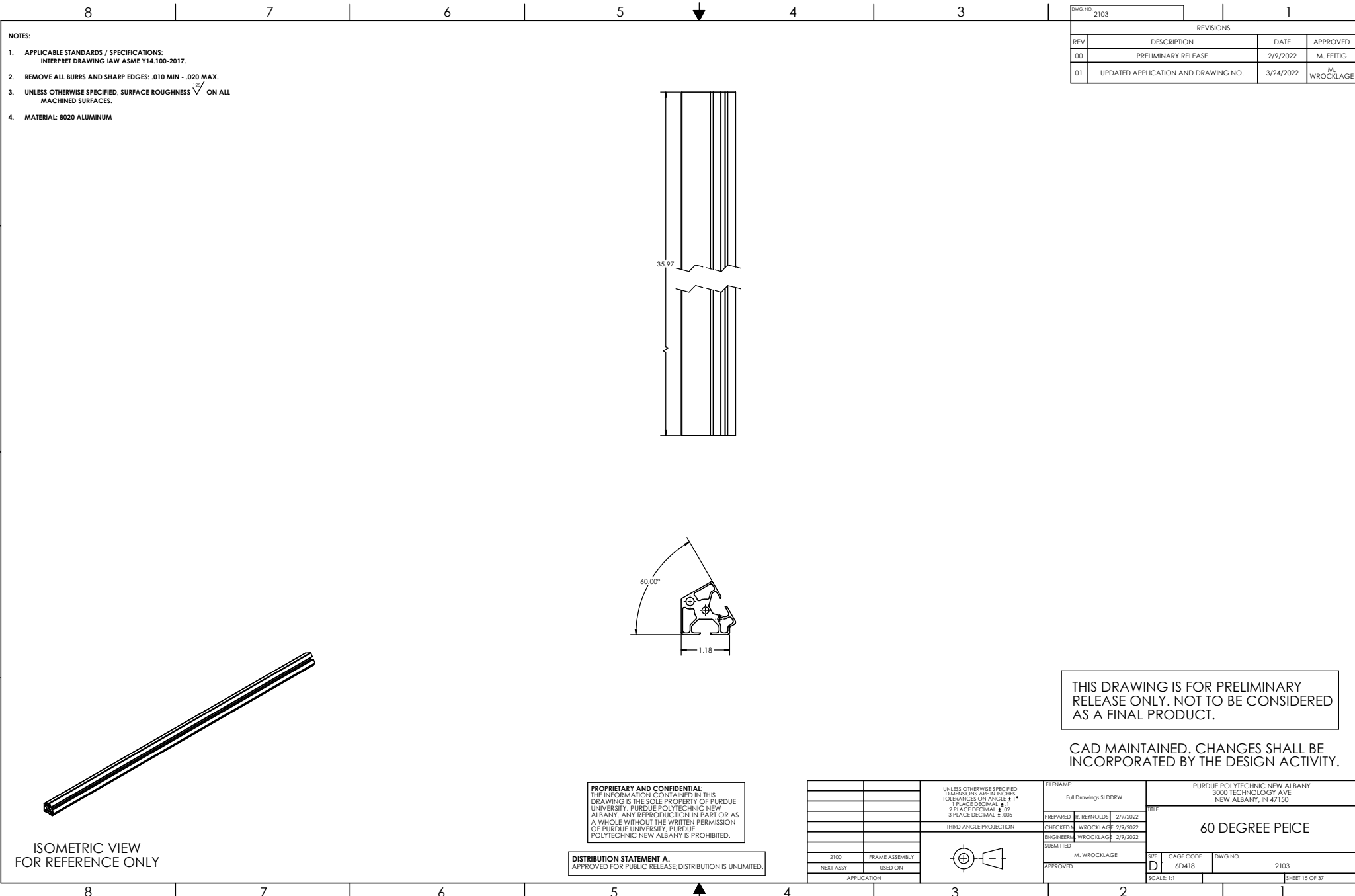
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PREPARED BY: REYNOLDS 2/9/2022		CHECKED BY: WROCKLAGE 2/9/2022		ENGINEER: WROCKLAGE 2/9/2022		SUBMITTED	
M. WROCKLAGE		APPROVED		SCALE: 1:1		SHEET 14 OF 37	
2400		FRAME ASSEMBLY		NEXT ASSY		USED ON	
APPLICATION		TITLE		12		DWG NO. 2102	
CAGE CODE 6D418		SIZE D		CAGE CODE 6D418		DWG NO. 2102	



- NOTES:
1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
 2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
 3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
 4. MATERIAL: 8020 ALUMINUM

DWG. NO. 2103		1	
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. FETIG
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE

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CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

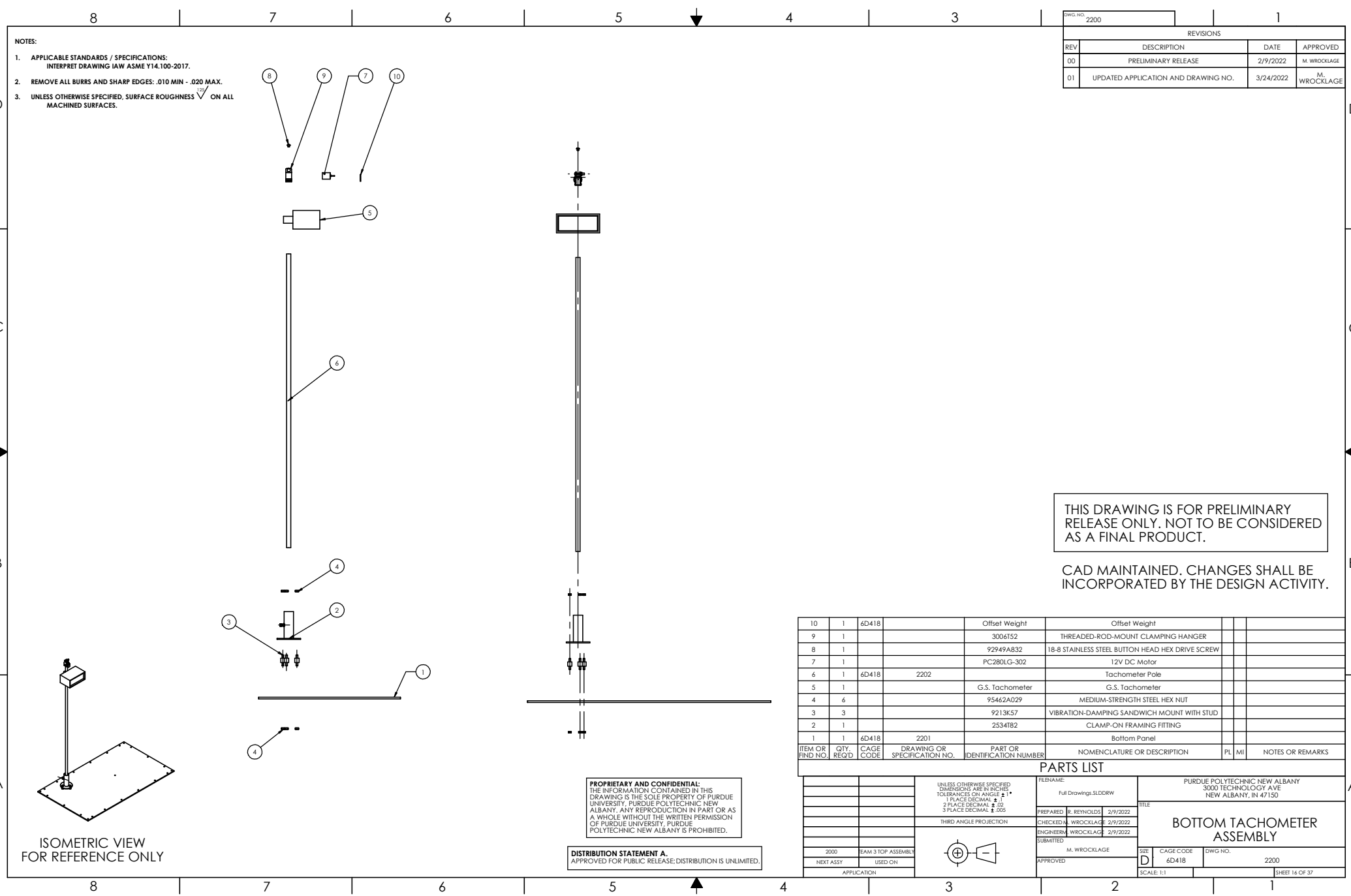
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DISTRIBUTION STATEMENT A.
APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED.

FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
PREPARED BY: REYNOLDS 2/9/2022		TITLE 60 DEGREE PEICE	
CHECKED BY: WROCKLAGE 2/9/2022		ENGINEER: WROCKLAGE 2/9/2022	
SUBMITTED		M. WROCKLAGE	
APPROVED		SIZE D	CAGE CODE 6D418
APPLICATION		DWG NO. 2103	SCALE: 1:1
2100 FRAME ASSEMBLY		SHEET 15 OF 37	
NEXT ASSY USED ON			



ISOMETRIC VIEW
FOR REFERENCE ONLY



- NOTES:
- 1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
 - 2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
 - 3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.

DWG. NO. 2200		1	
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. WROCKLAGE
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE

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CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

10	1	6D418		Offset Weight	Offset Weight			
9	1			3006T52	THREADED-ROD-MOUNT CLAMPING HANGER			
8	1			92949A832	18-8 STAINLESS STEEL BUTTON HEAD HEX DRIVE SCREW			
7	1			PC280LG-302	12V DC Motor			
6	1	6D418	2202		Tachometer Pole			
5	1			G.S. Tachometer				
4	6			95462A029	MEDIUM-STRENGTH STEEL HEX NUT			
3	3			9213K57	VIBRATION-DAMPING SANDWICH MOUNT WITH STUD			
2	1			2534T82	CLAMP-ON FRAMING FITTING			
1	1	6D418	2201		Bottom Panel			
ITEM OR FIND NO.	QTY. REQD.	CAGE CODE	DRAWING OR SPECIFICATION NO.	PART OR IDENTIFICATION NUMBER	NOMENCLATURE OR DESCRIPTION	PL	MI	NOTES OR REMARKS
PARTS LIST								
FILENAME: Full Drawings.SLDRAW					PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150			
PREPARED BY: REYNOLDS 2/9/2022					TITLE			
CHECKED BY: WROCKLAGE 2/9/2022					BOTTOM TACHOMETER ASSEMBLY			
ENGINEER: WROCKLAGE 2/9/2022					SIZE			
SUBMITTED					D 6D418			
M. WROCKLAGE					DWG NO. 2200			
APPROVED					SCALE: 1:1			
APPLICATION					SHEET 14 OF 37			

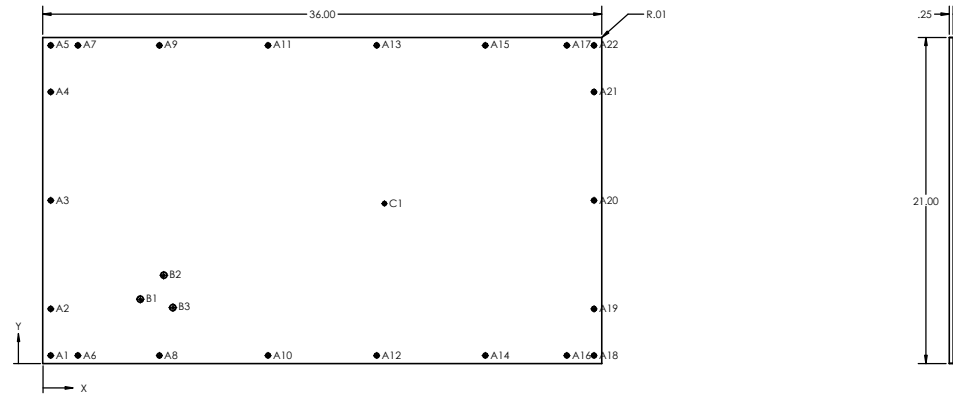
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NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{150}$ ON ALL MACHINED SURFACES.
4. MATERIAL: HDPE PLASTIC.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. FETIG
01	ADDED HOLE, UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE



TAG	X LOC	Y LOC	SIZE
A1	.50	.52	Ø.30 THRU
A2	.50	3.52	Ø.30 THRU
A3	.50	10.50	Ø.30 THRU
A4	.50	17.49	Ø.30 THRU
A5	.50	20.49	Ø.30 THRU
A6	2.25	.52	Ø.30 THRU
A7	2.25	20.49	Ø.30 THRU
A8	7.49	.52	Ø.30 THRU
A9	7.49	20.49	Ø.30 THRU
A10	14.49	.52	Ø.30 THRU
A11	14.49	20.49	Ø.30 THRU
A12	21.49	.52	Ø.30 THRU
A13	21.49	20.49	Ø.30 THRU
A14	28.49	.52	Ø.30 THRU
A15	28.49	20.49	Ø.30 THRU
A16	33.73	.52	Ø.30 THRU
A17	33.73	20.49	Ø.30 THRU
A18	35.48	.52	Ø.30 THRU
A19	35.48	3.52	Ø.30 THRU
A20	35.48	10.50	Ø.30 THRU
A21	35.48	17.49	Ø.30 THRU
A22	35.48	20.49	Ø.30 THRU
B1	6.27	4.14	Ø.40 THRU
B2	7.78	5.69	Ø.40 THRU
B3	8.36	3.60	Ø.40 THRU
C1	21.99	10.30	Ø.25 THRU

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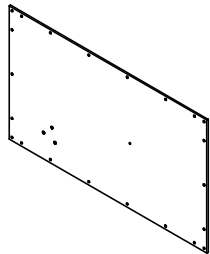
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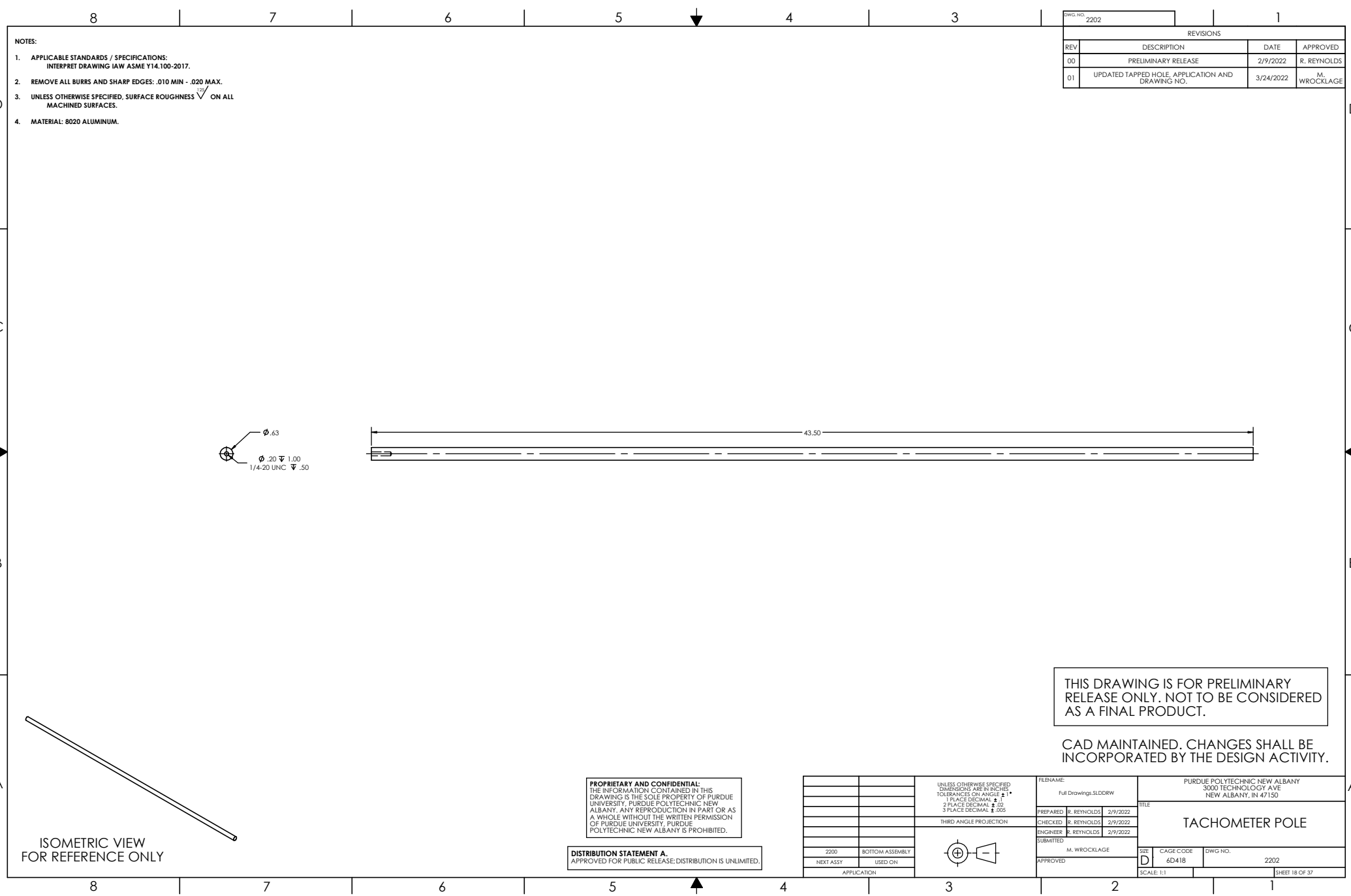
DISTRIBUTION STATEMENT A.
APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

FILENAME: Full Drawings.SLDRAW	PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150
PREPARED BY: REYNOLDS 2/9/2022	TITLE BOTTOM
CHECKED BY: WROCKLAGE 2/9/2022	SIZE D
ENGINEER: WROCKLAGE 2/9/2022	CAGE CODE 6D418
SUBMITTED M. WROCKLAGE	DWG NO. 2201
APPROVED	SCALE 1:1
2200 BOTTOM ASSEMBLY	SHEET 17 OF 37
NEXT ASSY USED ON	
APPLICATION	



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- NOTES:
1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
 2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
 3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
 4. MATERIAL: 8020 ALUMINUM.

DWG. NO.		1	
2202			
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	R. REYNOLDS
01	UPDATED TAPPED HOLE, APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE

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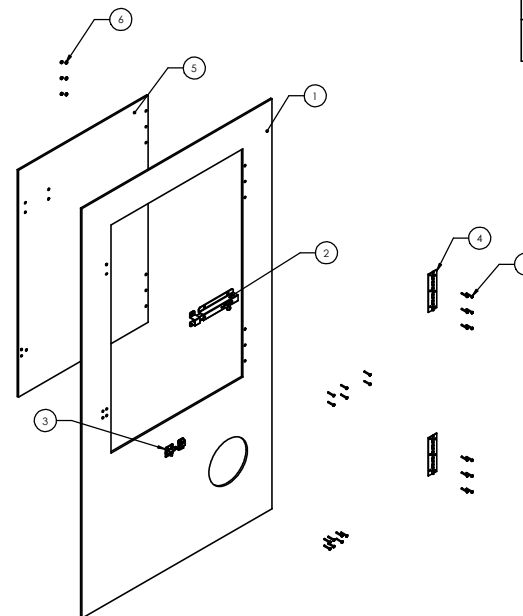
DISTRIBUTION STATEMENT A.
APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
PREPARED	R. REYNOLDS 2/9/2022	TITLE TACHOMETER POLE	
CHECKED	R. REYNOLDS 2/9/2022	SIZE D	
ENGINEER	R. REYNOLDS 2/9/2022		
SUBMITTED	M. WROCKLAGE	CAGE CODE 6D418	DWG NO. 2202
APPROVED		SCALE 1:1	SHEET 18 OF 37

ISOMETRIC VIEW
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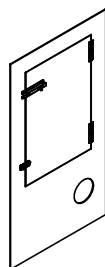
1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{125}$ ON ALL MACHINED SURFACES.

DWG. NO. 2300		1	
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. WROCKLAGE
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE



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


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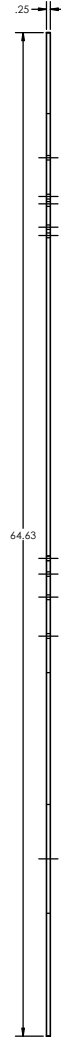
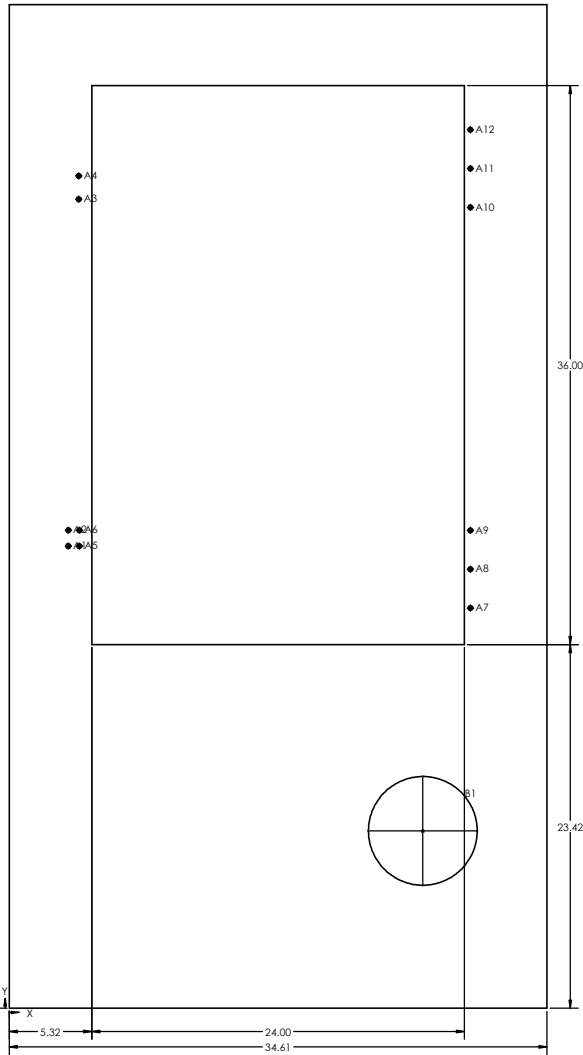
DISTRIBUTION STATEMENT A.
APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

7	25			9173SA154	316 STAINLESS STEEL PAN HEAD PHILLIPS SCREW			
6	25			90480A007	LOW-STRENGTH STEEL HEX NUT			
5	1	6D418	2302		Door			
4	2			1586A34	SURFACE-MOUNT HINGE WITH HOLES			
3	1			1544N36	SELF-ALIGNING SLIDE-BOLT LATCH			
2	1			126463	PHOSPHORABLE BRIDE BOLT LATCH			
1	1	6D418	2301		Back Panel			
ITEM OR FIND NO.	QTY. REQ'D	CAGE CODE	DRAWING OR SPECIFICATION NO.	PART OR IDENTIFICATION NUMBER	NOMENCLATURE OR DESCRIPTION	PL	MI	NOTES OR REMARKS

PARTS LIST									
				FILE NAME: Full Drawings.DLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150			
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES: ± .1 1 PLACE DECIMAL ± .02 2 PLACE DECIMAL ± .005				TITLE		DOOR ASSEMBLY	
		THIRD ANGLE PROJECTION		PREPARED BY: R. REYNOLDS 2/9/2022					
				CHECKED BY: W. WOOLKLAG 2/9/2022					
				ENGINEER BY: W. WOOLKLAG 2/9/2022					
				SUBMITTED					
2000		EAM 3 TOP ASSEMBLY		M. WOOLKLAG		SIZE D		CAGE CODE 6D418	
NEXT ASSY		USED ON		APPROVED		DWG NO.		2300	
APPLICATION:						SCALE: P: 1:1		SHEET 19 OF 37	

NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2004.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
4. MATERIAL: HDPE PLASTIC.



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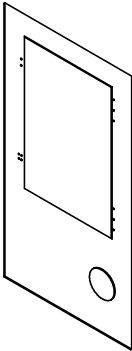
TAG	X LOC	Y LOC	SIZE
A1	3.80	29.75	Ø.30 THRU
A2	3.80	30.78	Ø.30 THRU
A3	4.47	52.09	Ø.30 THRU
A4	4.47	53.59	Ø.30 THRU
A5	4.51	29.75	Ø.30 THRU
A6	4.51	30.78	Ø.30 THRU
A7	29.69	25.77	Ø.30 THRU
A8	29.69	28.27	Ø.30 THRU
A9	29.69	30.77	Ø.30 THRU
A10	29.69	51.57	Ø.30 THRU
A11	29.69	54.07	Ø.30 THRU
A12	29.69	56.57	Ø.30 THRU
B1	26.62	11.42	Ø7.00 THRU

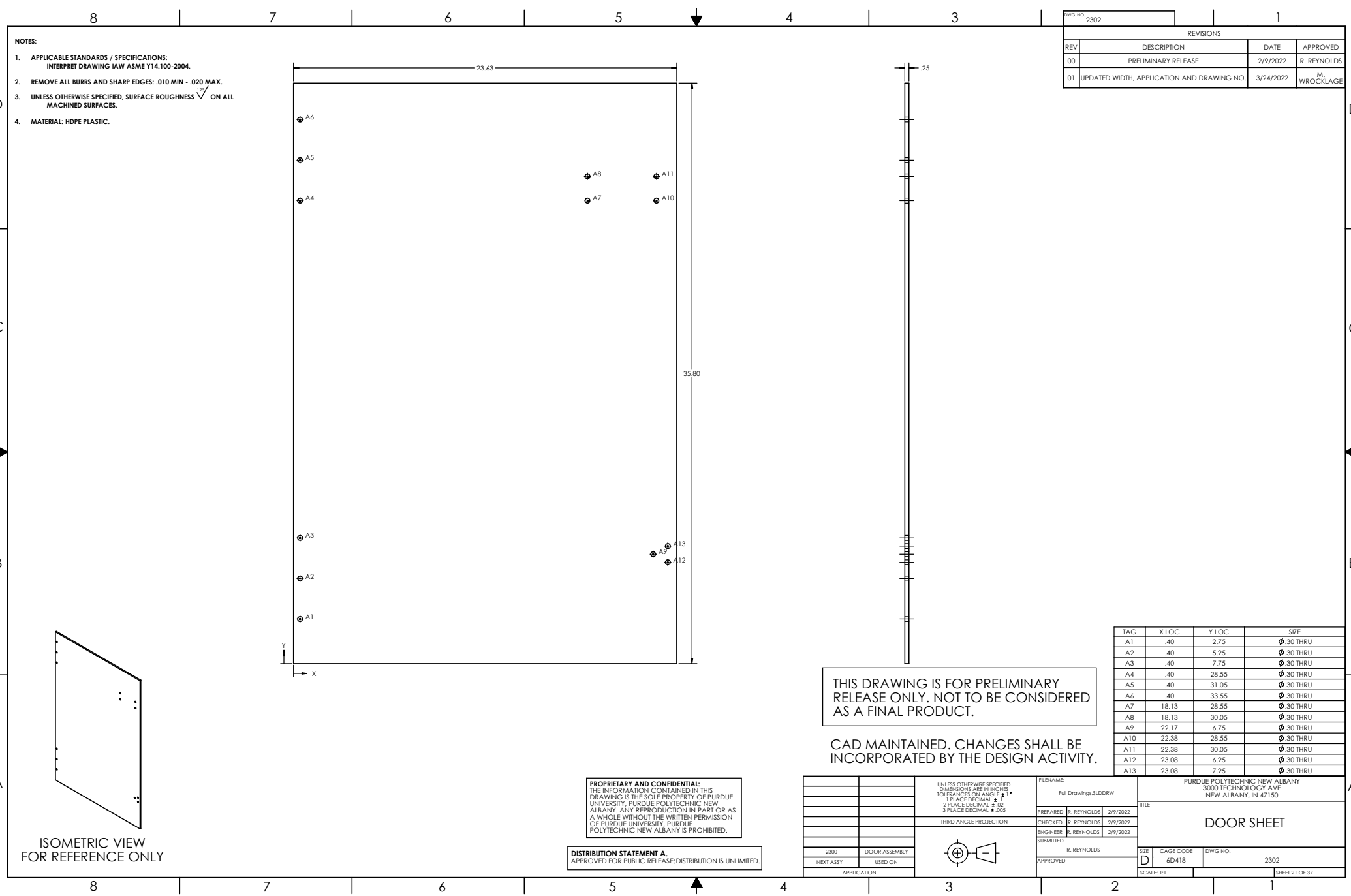
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2300		DOOR ASSEMBLY		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES ± 1° 1 PLACE DECIMAL ± .01 2 PLACE DECIMAL ± .02 3 PLACE DECIMAL ± .005		FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
NEXT ASSY		USED ON		THIRD ANGLE PROJECTION		PREPARED: R. REYNOLDS 2/9/2022		TITLE	
APPLICATION						CHECKED: R. REYNOLDS 2/9/2022		BACK PANEL	
						ENGINEER: R. REYNOLDS 2/9/2022		SIZE D	
						SUBMITTED: R. REYNOLDS		CAGE CODE 6D418	
						APPROVED:		DWG NO. 2301	
								SCALE 1:1	
								SHEET 20 OF 37	

ISOMETRIC VIEW
FOR REFERENCE ONLY





- NOTES:
- 1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2004.
 - 2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
 - 3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.5}$ ON ALL MACHINED SURFACES.
 - 4. MATERIAL: HDPE PLASTIC.

DWG. NO. 2302		1	
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	R. REYNOLDS
01	UPDATED WIDTH, APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE


TAG	X LOC	Y LOC	SIZE
A1	.40	2.75	Ø.30 THRU
A2	.40	5.25	Ø.30 THRU
A3	.40	7.75	Ø.30 THRU
A4	.40	28.55	Ø.30 THRU
A5	.40	31.05	Ø.30 THRU
A6	.40	33.55	Ø.30 THRU
A7	18.13	28.55	Ø.30 THRU
A8	18.13	30.05	Ø.30 THRU
A9	22.17	6.75	Ø.30 THRU
A10	22.38	28.55	Ø.30 THRU
A11	22.38	30.05	Ø.30 THRU
A12	23.08	6.25	Ø.30 THRU
A13	23.08	7.25	Ø.30 THRU

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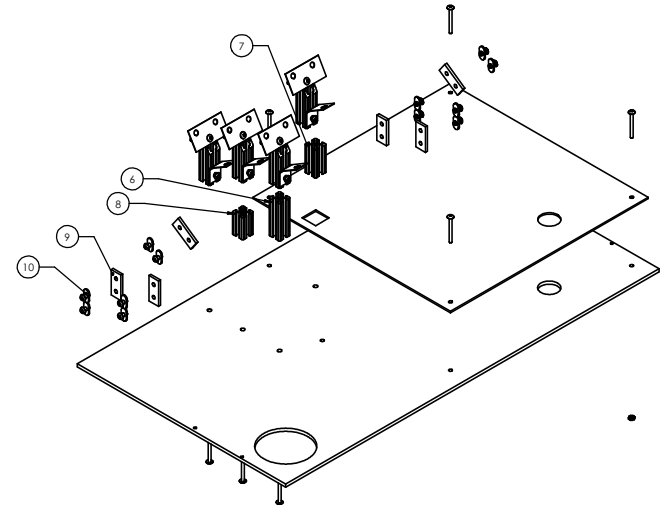
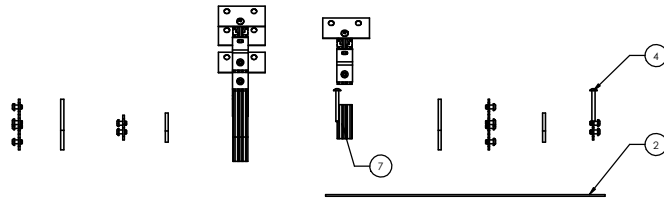
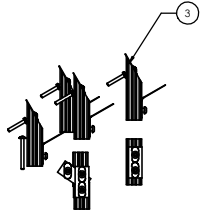
DISTRIBUTION STATEMENT A.
APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED.

		FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES: ± 1° 1 PLACE DECIMAL & T 2 PLACE DECIMAL & D 3 PLACE DECIMAL & 005		PREPARED: R. REYNOLDS 2/9/2022		TITLE	
		CHECKED: R. REYNOLDS 2/9/2022		DOOR SHEET	
THIRD ANGLE PROJECTION		ENGINEER: R. REYNOLDS 2/9/2022			
		SUBMITTED		SIZE	
		R. REYNOLDS		CAGE CODE	
2300 DOOR ASSEMBLY		APPROVED		DWG NO.	
NEXT ASSY USED ON				2302	
APPLICATION				SCALE: 1:1	
				SHEET 21 OF 37	

NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. WROCKLAGE
01	UPDATED HAND WHEEL MOUNT, APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE



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CAD MAINTAINED. CHANGES SHALL BE
INCORPORATED BY THE DESIGN ACTIVITY.

10	12			47065T139	T-SLOTTED FRAMING			
9	6			47065T255	T-SLOTTED FRAMING			
8	1	6D418	2101		MIDDLE DIAL SUPPORT BEAM			
7	1	6D418	2101		HAND WHEEL SUPPORT BEAM			
6	1	6D418	2101		BACK DIAL SUPPORT BEAM			
5	4			90480A011	LOW-STRENGTH STEEL HEX NUT			
4	8			91770A253	EXTRA-WIDE TRUSS HEAD PHILLIPS SCREWS			
3	4	6D418	2402		ROTARY ENCODER SUPPORT ASSEMBLY			
2	1	6D418			WOODEN MAT			
1	1	6D418	2401		Electronics Shelf			
ITEM OR FIND NO.	QTY. REQD.	CAGE CODE	DRAWING OR SPECIFICATION NO.	PART OR IDENTIFICATION NUMBER	NOMENCLATURE OR DESCRIPTION	PL	MI	NOTES OR REMARKS

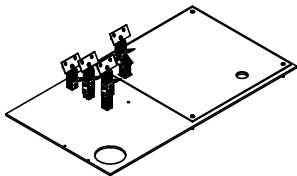
PARTS LIST

FILENAME: Full Drawings.SLDRAW				PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150			
PREPARED BY: REYNOLDS 2/9/2022				TITLE ELECTRONICS SHELF ASSEMBLY			
CHECKED BY: WROCKLAGE 2/9/2022				SIZE D			
SUBMITTED				CAGE CODE 6D418			
M. WROCKLAGE				DWG NO. 2400			
APPROVED				SCALE 1:1			
APPLICATION				SHEET 22 OF 37			

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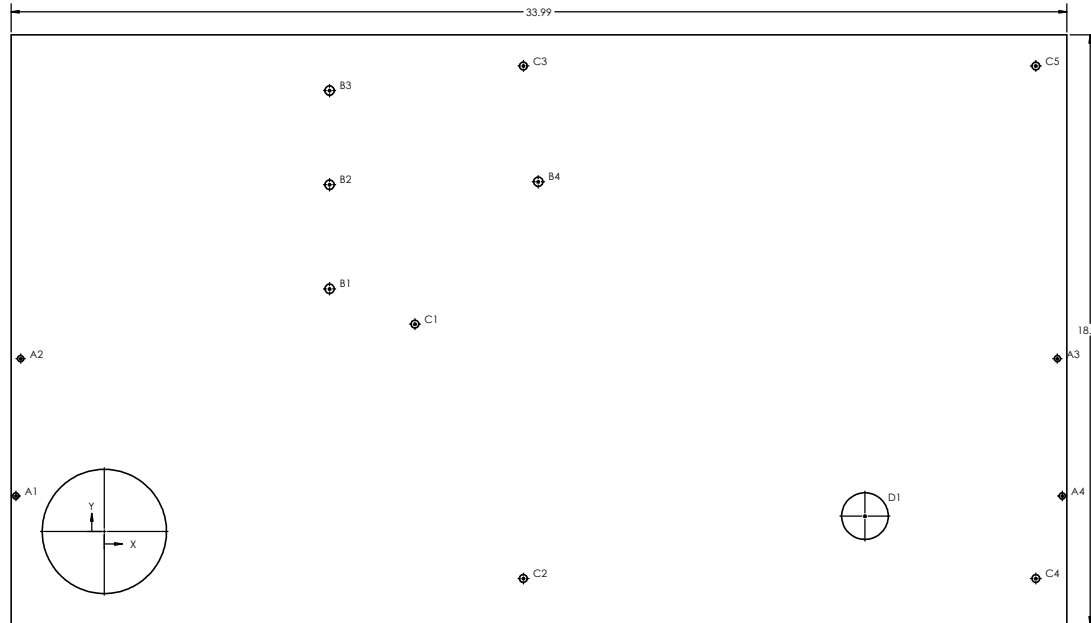
ISOMETRIC VIEW
FOR REFERENCE ONLY



NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
4. MATERIAL: HDPE PLASTIC.

DWG. NO. 2401			
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. FETIG
01	ADDED HOLE, UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE



TAG	X LOC	Y LOC	SIZE
A1	-2.85	1.14	\emptyset .20 THRU
A2	-2.69	5.56	\emptyset .20 THRU
A3	30.68	5.56	\emptyset .20 THRU
A4	30.84	1.14	\emptyset .20 THRU
B1	7.25	7.81	\emptyset .30 THRU
B2	7.25	11.16	\emptyset .30 THRU
B3	7.25	14.19	\emptyset .30 THRU
B4	13.97	11.26	\emptyset .30 THRU
C1	10.00	6.68	\emptyset .25 THRU
C2	13.49	-1.52	\emptyset .25 THRU
C3	13.49	14.99	\emptyset .25 THRU
C4	29.99	-1.52	\emptyset .25 THRU
C5	29.99	14.99	\emptyset .25 THRU
D1	24.49	.49	\emptyset 1.50 THRU

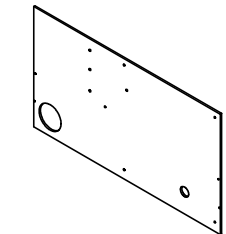
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FILENAME: Full Drawings.SLDRAW	PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150
PREPARED BY: REYNOLDS 2/9/2022	TITLE SHELF
CHECKED BY: WROCKLAGE 2/9/2022	ENGINEER: WROCKLAGE 2/9/2022
SUBMITTED	APPROVED
M. WROCKLAGE	SCALE: 1:1
2400 ELECTRONIC SHELF NEXT ASSY USED ON	DWG NO. 2401
APPLICATION	SHEET 23 OF 37

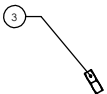


ISOMETRIC VIEW
FOR REFERENCE ONLY

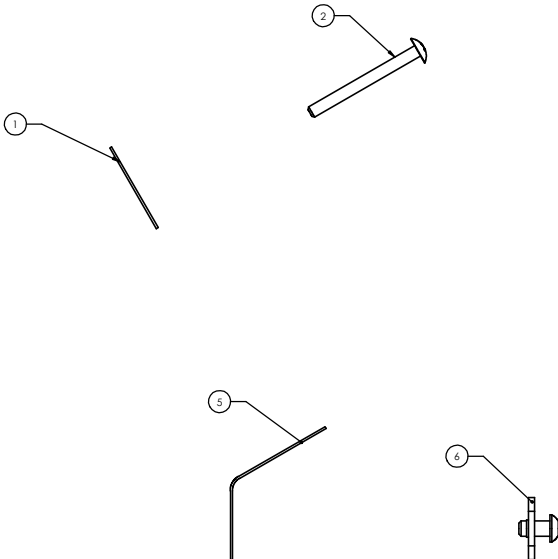
NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.

DWG. NO. 2402		1	
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. WROCKLAGE
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE



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CAD MAINTAINED. CHANGES SHALL BE
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6		1		47065T139	T-Slotted Framing						
5		1	6D418		Rotary Encoder Angle Plate						
4		1	6D418	2403	Front Dial Support Beam						
3		1		90480A011	Low-Strength Steel Hex Nut						
2		1		91770A253	Extra-Wide Truss Head Phillips Screws						
1		1	6D418	2404	Dial Support Plate						
ITEM OR FIND NO.		QTY. REQ'D	CAGE CODE	DRAWING OR SPECIFICATION NO.	PART OR IDENTIFICATION NUMBER	NOMENCLATURE OR DESCRIPTION		PL	MI	NOTES OR REMARKS	
PARTS LIST											
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES: $\pm 1^\circ$ 1 PLACE DECIMAL: $\pm .02$ 2 PLACE DECIMAL: $\pm .005$ 3 PLACE DECIMAL: $\pm .0005$		FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150			
				THIRD ANGLE PROJECTION		PREPARED BY: REYNOLDS 2/9/2022		TITLE			
						CHECKED BY: WROCKLAGE 2/9/2022		ROTARY ENCODER SUPPORT ASSEMBLY			
						ENGINEER: WROCKLAGE 2/9/2022					
						SUBMITTED					
						M. WROCKLAGE					
2400		ELECTRONIC SHELF				APPROVED		SIZE		CAGE CODE	DWG NO.
NEXT ASSY		USED ON						D		6D418	
APPLICATION						SCALE: 1:1		SHEET 24 OF 37			

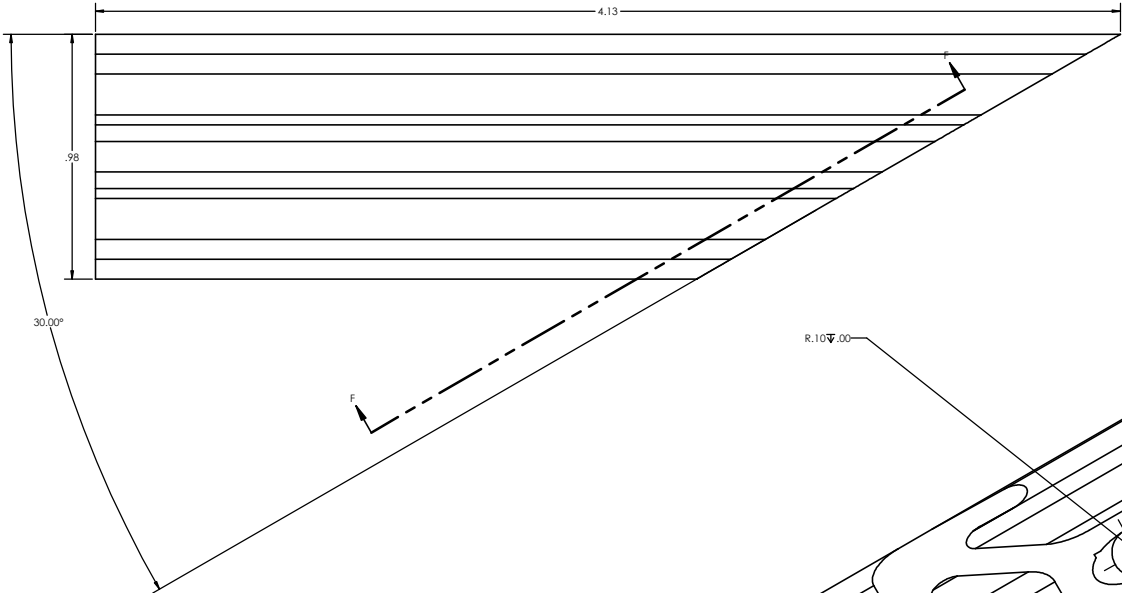
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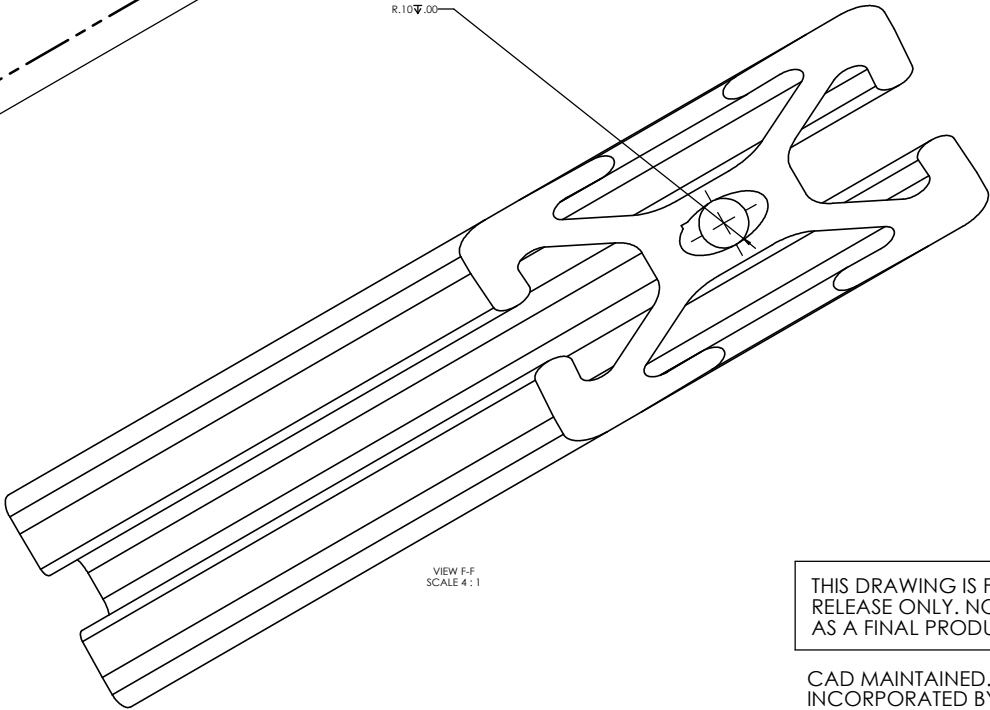
NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2004.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
4. MATERIAL: 3003-H14 ALLOY ALUMINUM.

DWG. NO. 2403		1	
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	R. REYNOLDS
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE



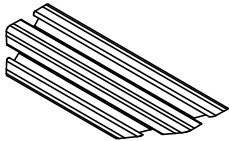
R.10 $\sqrt{.00}$



VIEW F-F
SCALE 4 : 1

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FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
PREPARED	R. REYNOLDS 2/9/2022	TITLE FRONT DIAL SUPPORT	
CHECKED	R. REYNOLDS 2/9/2022	SIZE D	
ENGINEER	R. REYNOLDS 2/9/2022		
SUBMITTED	R. REYNOLDS	DWG. NO. 2403	
APPROVED		SCALE: 1:1	
APPLICATION		SHEET 25 OF 37	



THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON ANGLES $\pm 1^\circ$
1 PLACE DECIMAL $\pm .02$
2 PLACE DECIMAL $\pm .005$
3 PLACE DECIMAL $\pm .0005$

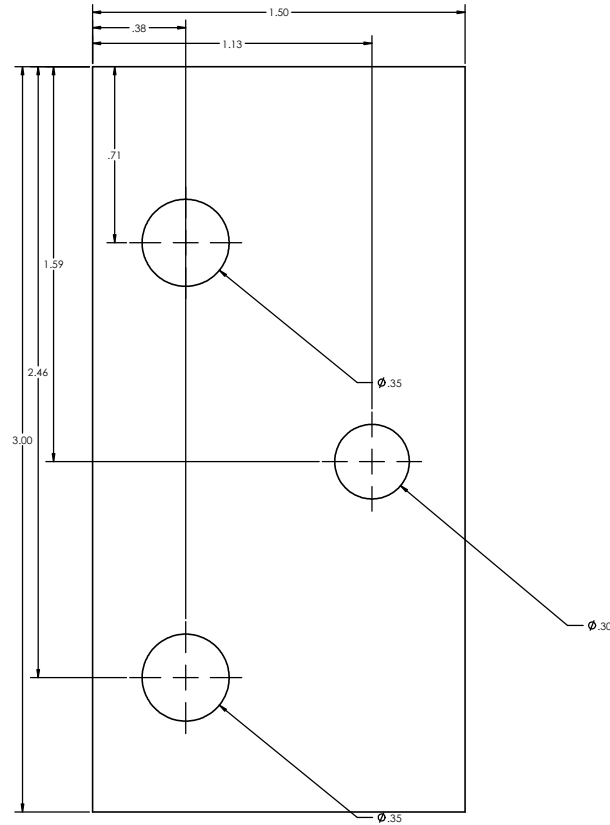
2402
NEXT ASSY

ROTARY ENCODER
USED ON

NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2004.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
4. MATERIAL: 3003-H14 ALLOY ALUMINUM

DWG. NO.		2404		1	
REVISIONS					
REV	DESCRIPTION			DATE	APPROVED
00	PRELIMINARY RELEASE			2/9/2022	R. REYNOLDS
01	CHANGED SIZE, UPDATED APPLICATION AND DRAWING NO.			3/24/2022	M. WROCKLAGE



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ISOMETRIC VIEW
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FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
PREPARED: R. REYNOLDS 2/9/2022		TITLE SUPPORT PLATE	
CHECKED: R. REYNOLDS 2/9/2022		ENGINEER: R. REYNOLDS 2/9/2022	
SUBMITTED		R. REYNOLDS	
APPROVED		SCALE: 1:1	
2402		CAGE CODE 6D418	
NEXT ASSY		DWG NO. 2404	
APPLICATION		SHEET 24 OF 37	



NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{125}$ ON ALL MACHINED SURFACES.

DWG. NO. 2500

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. WROCKLAGE
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE

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16	6			90480A011	LOW-STRENGTH STEEL HEX NUT		
15	2			91286A157	HIGH-STRENGTH GRADE 8 STEEL HEX HEAD SCREW		
14	2			95462A030	MEDIUM-STRENGTH STEEL HEX NUT		
13	6			91770A253	EXTRA-WIDE TRUSS HEAD PHILLIPS SCREWS		
12	16			90480A007	LOW-STRENGTH STEEL HEX NUT		
11	20			91735A154	316 STAINLESS STEEL PAN HEAD PHILLIPS SCREW		
10	1			SKS-100	Switch		
9	1			G.S. Phone	G.S. Phone		
8	7	6D418			Name Plate		
7	7				G.S. LED		
6	2				G.S. Button		
5	1				G.S. Button Cover		
4	1	6D418	2503		Red Dial Assembly		
3	1	6D418	2505		Hand Wheel Assembly		
2	2	6D418	2502		Black Dial Assembly		
1	1	6D418	2501		Control Panel		
ITEM OR FIND NO.	QTY. REQD.	CAGE CODE	DRAWING OR SPECIFICATION NO.	PART OR IDENTIFICATION NUMBER	NOMENCLATURE OR DESCRIPTION	PL	MI
NOTES OR REMARKS							

PARTS LIST

FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
PREPARED BY: REYNOLDS	2/9/2022	TITLE CONTROL PANEL ASSEMBLY	
CHECKED BY: WROCKLAGE	2/9/2022	ENGINEER: WROCKLAGE	
SUBMITTED		M. WROCKLAGE	
APPROVED		SCALE: 1:1	
2000	TEAM 3 TOP ASSEMBLY	SIZE D	CAGE CODE 6D418
NEXT ASSY	USED ON	DWG NO.	2500
APPLICATION		SHEET 27 OF 37	

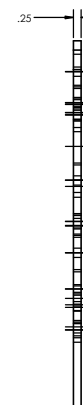
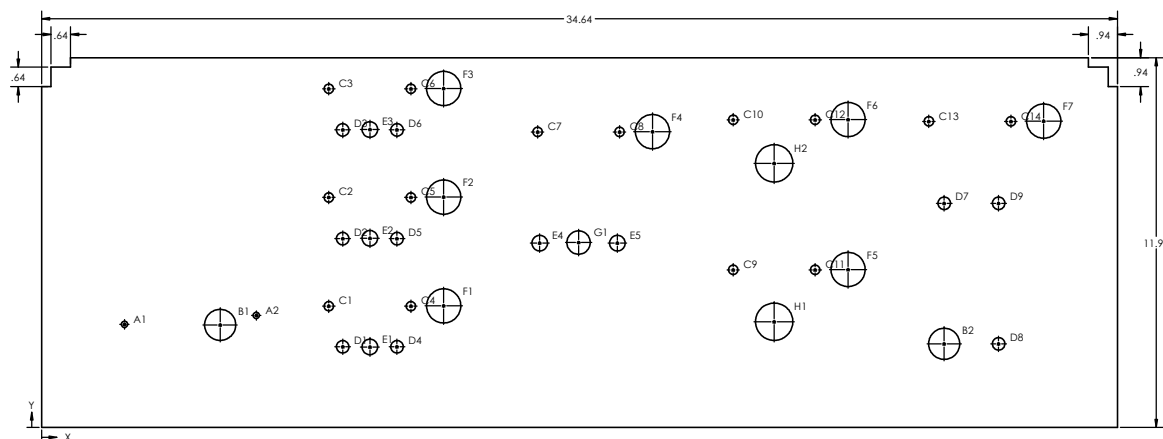
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2. **REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.**
3. **UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{2}$ ON ALL MACHINED SURFACES.**
4. **MATERIAL: HDPE PLASTIC.**

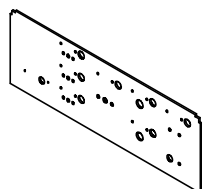
DWG. NO. 2501		1	
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/20/2022	R. REYNOLD
01	ADDED HOLE AND CUTOUTS, UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLA



TAG	X LOC	Y LOC	SIZE
A1	2.67	3.32	0.20 THRU
A2	6.91	3.61	0.20 THRU
B1	5.75	3.30	0.100 THRU
B2	29.06	2.69	0.100 THRU
C1	9.25	3.90	0.30 THRU
C2	9.25	7.40	0.30 THRU
C3	9.25	10.90	0.30 THRU
C4	11.89	3.90	0.30 THRU
C5	11.89	7.40	0.30 THRU
C6	11.89	10.90	0.30 THRU
C7	15.97	9.51	0.30 THRU
C8	18.61	9.51	0.30 THRU
C9	22.27	5.07	0.30 THRU
C10	22.27	9.90	0.30 THRU
C11	24.91	5.07	0.30 THRU
C12	24.91	9.90	0.30 THRU
C13	28.57	9.85	0.30 THRU
C14	31.21	9.85	0.30 THRU
D1	9.70	2.60	0.40 THRU
D2	9.70	6.08	0.40 THRU
D3	9.70	9.58	0.40 THRU
D4	11.44	2.60	0.40 THRU
D5	11.44	6.08	0.40 THRU
D6	11.44	9.58	0.40 THRU
D7	29.06	7.22	0.40 THRU
D8	30.82	2.69	0.40 THRU
D9	30.82	7.22	0.40 THRU
E1	10.57	2.59	0.50 THRU
E2	10.57	6.09	0.50 THRU
E3	10.57	9.59	0.50 THRU
E4	16.04	5.93	0.50 THRU
E5	18.54	5.93	0.50 THRU
F1	12.95	3.91	0.10, 10 THRU
F2	12.95	7.41	0.10, 10 THRU
F3	12.95	10.91	0.10, 10 THRU
F4	19.67	9.52	0.10, 10 THRU
F5	25.97	5.08	0.10, 10 THRU
F6	25.97	9.91	0.10, 10 THRU
F7	32.27	9.86	0.10, 10 THRU
G1	17.29	5.95	0.75 THRU
H1	23.59	3.40	0.120 THRU
H2	23.59	8.50	0.120 THRU

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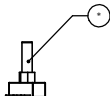
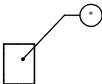
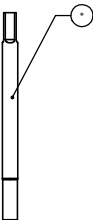
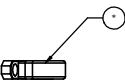
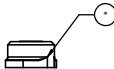
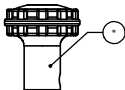
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		H2		23.59	8350	W1:20 THRU
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES $\pm 1^\circ$ 1 PLACE DECIMAL $\pm .1$ 2 PLACE DECIMAL $\pm .05$ 3 PLACE DECIMAL $\pm .005$		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150		
		Full Drawings:SLDROW		TITLE <h1>CONTROL PANEL</h1>		
		THIRD ANGLE PROJECTION				
		PREPARED BY: R. REYNOLDS 2/10/2022 CHECKED BY: R. REYNOLDS 2/10/2022 ENGINEER BY: R. REYNOLDS 2/10/2022 SUBMITTED				
		R. REYNOLDS				
2500	CONTROL PANEL			SIZE	CAGE CODE	DWG NO.
NEXT ASSY	USED ON			D	60418	2501
APPLICATION		APPROVED		SCALE 1:1	SHEET 28 OF 37	


- NOTES:
1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2004.
 2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
 3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{\text{Ra}}$ ON ALL MACHINED SURFACES.

DWG. NO.		2502		1	
REVISIONS					
REV	DESCRIPTION			DATE	APPROVED
00	PRELIMINARY RELEASE			2/9/2022	R. REYNOLDS
01	UPDATED NAME, APPLICATION AND DRAWING NO.			3/24/2022	M. WROCKLAGE



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6	1	6D418		2504		Dial Rod				
5	1				4393N14	Dry-Running Mounted Sleeve Bearing				
4	1				2820T35	Dry-Running Mounted Sleeve Bearing				
3	1				288T232R161A1	Rotary Encoder				
2	1				Metal Encoder Cylinder	Metal Encoder Cylinder				
1	1				G.S. Black Dial	G.S. Black Dial				
ITEM OR FIND NO.	QTY. REQ'D	CAGE CODE	DRAWING OR SPECIFICATION NO.	PART OR IDENTIFICATION NUMBER	NOMENCLATURE OR DESCRIPTION			PL	MI	NOTES OR REMARKS
PARTS LIST										
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES: $\pm 1^\circ$ 1 PLACE DECIMAL: $\pm .1$ 2 PLACE DECIMAL: $\pm .02$ 3 PLACE DECIMAL: $\pm .005$					FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150			
<div>THIRD ANGLE PROJECTION</div> 					PREPARED: R. REYNOLDS 2/9/2022		TITLE			
					CHECKED: R. REYNOLDS 2/9/2022		BLACK DIAL ASSEMBLY			
					ENGINEER: R. REYNOLDS 2/9/2022					
					SUBMITTED					
					APPROVED		R. REYNOLDS		SIZE D	
2500 CONTROL PANEL		NEXT ASSY USED ON		APPLICATION		CAGE CODE 6D418		DWG NO. 2502		SHEET 29 OF 37

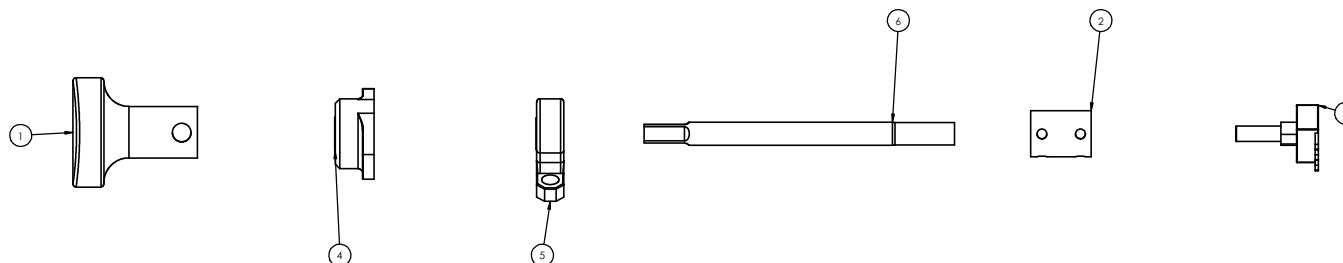
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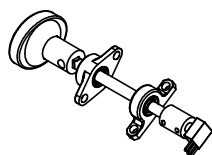
1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{125}$ ON ALL MACHINED SURFACES.

DWG. NO. 2503		1	
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	R. REYNOLD
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLA



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


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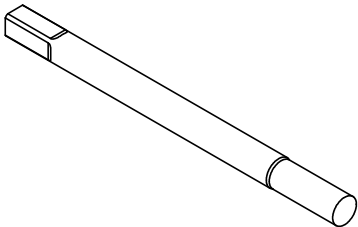
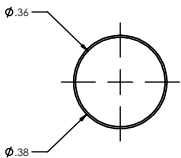
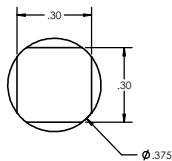
6	1	6D418	2504		Dial Rod				
5	1			4393N14	DRY-RUNNING MOUNTED SLEEVE BEARING				
4	1			2820T35	DRY-RUNNING MOUNTED SLEEVE BEARING				
3	1			288T232R161A1	Rotary Encoder				
2	1			Metal Encoder Cylinder	Metal Encoder Cylinder				
1	1			G.S. Red Dial	G.S. Red Dial				
ITEM OR FIND NO.	QTY. REQ'D	CAGE CODE	OR SPECIFICATION NO.	PART OR IDENTIFICATION NUMBER	NOMENCLATURE OR DESCRIPTION	PL	MI	NOTES OR REMARKS	

<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES: $\pm 1^\circ$ 1 PLACE DECIMAL $\pm .02$ 2 PLACE DECIMAL $\pm .005$ 3 PLACE DECIMAL $\pm .0005$</p>		FILENAME:		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
		Full Drawings.SLDRAW			
THIRD ANGLE PROJECTION		PREPARED	R. REYNOLDS	2/9/2022	TITLE
		CHECKED	N. WROCKLAGE	2/9/2022	<p>RED DIAL ASSEMBLY</p>
		ENGINEER	N. WROCKLAGE	2/9/2022	
		SUBMITTED			
2500	CONTROL PANEL	M. WROCKLAGE		SIZE	D
NEXT ASSY	USED ON	APPROVED		CAGE CODE	6D418
APPLICATION:				DWG NO.	2503
				SCALE: P. 1-1	SHEET 30 OF 37

NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{125}$ ON ALL MACHINED SURFACES.
4. MATERIAL: STEEL.

DWG. NO.		REVISIONS		
2504				
REV	DESCRIPTION	DATE	APPROVED	
00	PRELIMINARY RELEASE	2/9/2022	R. REYNOLDS	
01	UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE	



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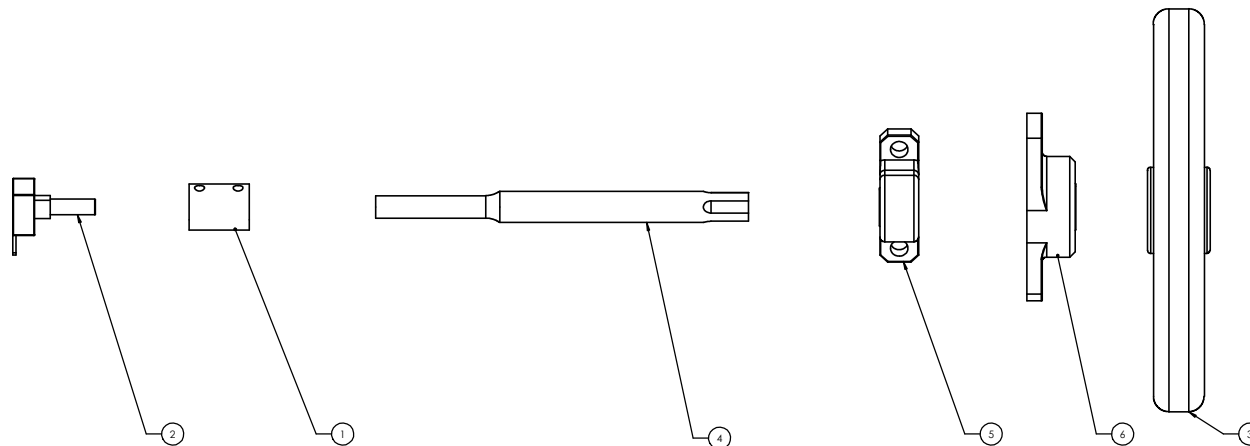
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FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
PREPARED	R. REYNOLDS 2/9/2022	TITLE DIAL POLE	
CHECKED	R. REYNOLDS 2/9/2022	DIAL POLE	
ENGINEER	R. REYNOLDS 2/9/2022		
SUBMITTED	R. REYNOLDS	SIZE D	
APPROVED	R. REYNOLDS	CAGE CODE 6D418	
APPLICATION		DWG NO. 2504	
		SCALE 1:1	
		SHEET 31 OF 37	

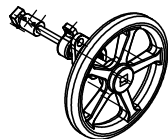
- NOTES:
1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2004.
 2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
 3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS \sqrt{R} ON ALL MACHINED SURFACES.

DWG. NO.		REVISONS		
2505				1
REV	DESCRIPTION	DATE	APPROVED	
00	PRELIMINARY RELEASE	2/9/2022	R. REYNOLDS	
01	CHANGED BEARING PART NUMBERS, UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE	



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
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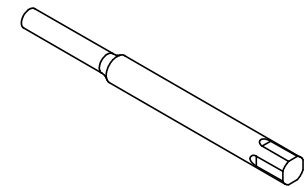
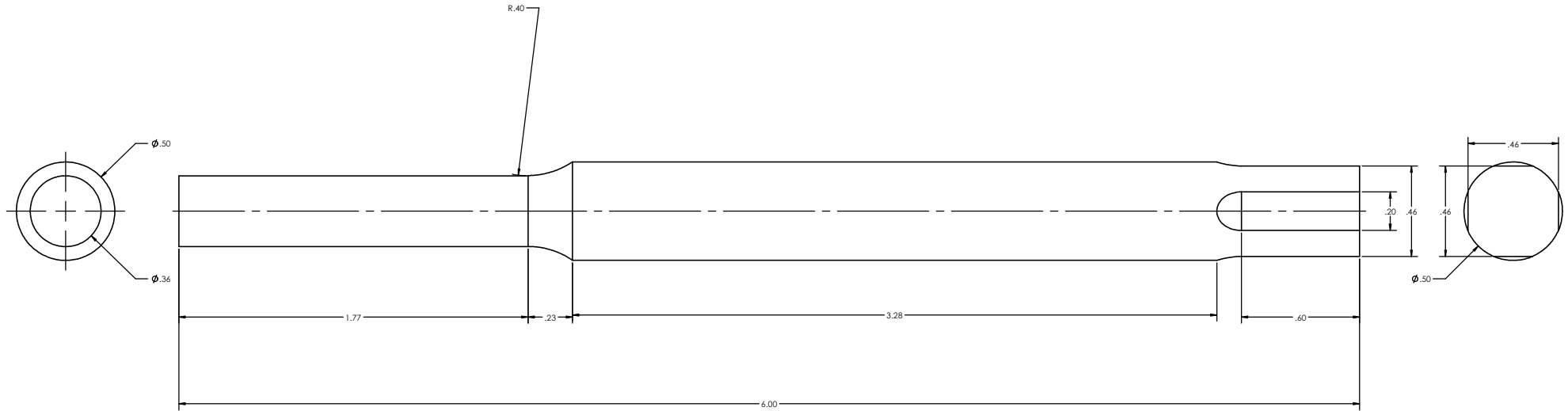
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6	1			KIT7328	Dry-Running Mounted Sleeve Bearing			
5	1			KIT940	Dry-Running Mounted Sleeve Bearing			
4	1	6D418	2506		Hand Wheel Pole			
3	1			G.S. Hand Wheel	G.S. Hand Wheel			
2	1			288T232R 161A1	Rotary Encoder			
1	1			Metal Encoder Cylinder	Metal Encoder Cylinder			
ITEM OR FIND NO.	QTY. REQ'D	CAGE CODE	DRAWING OR SPECIFICATION NO.	PART OR IDENTIFICATION NUMBER	NOMENCLATURE OR DESCRIPTION	PL	MI	NOTES OR REMARKS
PARTS LIST								
FILENAME: Full Drawings.SLDRAW					PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150			
PREPARED: R. REYNOLDS 2/9/2022					TITLE			
CHECKED: R. REYNOLDS 2/9/2022					HAND WHEEL ASSEMBLY			
ENGINEER: R. REYNOLDS 2/9/2022								
SUBMITTED								
R. REYNOLDS								
APPROVED								
APPLICATION								
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES $\pm 1^\circ$ 1 PLACE DECIMAL $\pm .02$ 2 PLACE DECIMAL $\pm .005$ 3 PLACE DECIMAL $\pm .0005$								
THIRD ANGLE PROJECTION								
								
2500	CONTROL PANEL							
NEXT ASSY		USED ON						
APPLICATION					SIZE D CAGE CODE 6D418 DWG NO. 2505			
					SCALE: 1:1		SHEET 32 OF 37	

NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
4. MATERIAL: 7075-T651 AL ALLOY PER SAE AMS-QQ-A-250/12.

DWG. NO.		2506		1	
REVISIONS					
REV	DESCRIPTION			DATE	APPROVED
00	PRELIMINARY RELEASE			2/9/2022	R. REYNOLDS
01	UPDATED APPLICATION AND DRAWING NO.			3/24/2022	M. WROCKLAGE



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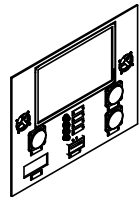
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FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
PREPARED R. REYNOLDS 2/9/2022	CHECKED R. REYNOLDS 2/9/2022	TITLE WHEEL POLE	
ENGINEER R. REYNOLDS 2/9/2022	SUBMITTED R. REYNOLDS	APPROVED R. REYNOLDS	
2505 NEXT ASSY USED ON APPLICATION	HAND WHEEL ASSEMBLY	SIZE D	CAGE CODE 6D418
THIRD ANGLE PROJECTION		DWG NO. 2506	SCALE 1:1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES ± 1° 1 PLACE DECIMAL ± .02 2 PLACE DECIMAL ± .01 3 PLACE DECIMAL ± .005		SHEET 33 OF 37	

NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.

REVIEWS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. WROCKLAGE
01	CHANGED MONITOR MOUNTING TO T-SLOT FRAME, UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE



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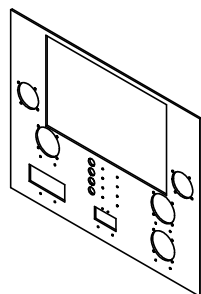
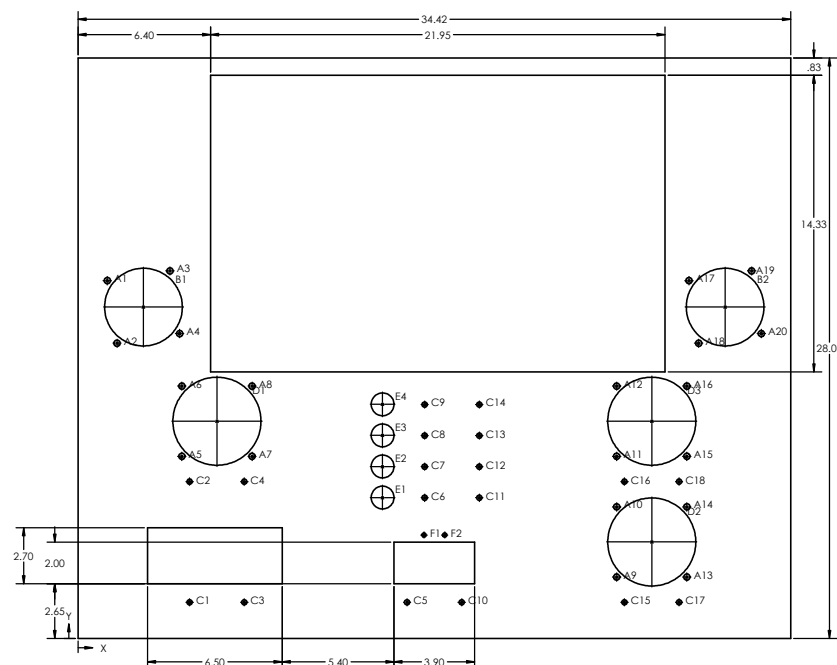
12	1			1556A51	ZINC-PLATED STEEL CORNER BRACKET		
11	12			95462A030	MEDIUM-STRENGTH STEEL HEX NUT		
10	30			90480A007	LOW-STRENGTH STEEL HEX NUT		
9	30			91735A154	316 STAINLESS STEEL PAN HEAD PHILLIPS SCREW		
8	1			1133A6	Wall-Mount Flat-Panel Monitor Positioning Arm		
7	1				G.S. Monitor		
6	9	6D418			Name Plate		
5	2				Speaker		
4	1				G.S. 7-Segment Display		
3	4				G.S. LED		
2	3				G.S. Gauge Assembly		
1	1	6D418	2601		Front Panel		
ITEM OR FIND NO.	QTY. REQ'D	CAGE CODE	DRAWING OR SPECIFICATION NO.	PART OR IDENTIFICATION NUMBER	NOMENCLATURE OR DESCRIPTION	PL	MI
NOTES OR REMARKS							

PARTS LIST							
			FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150		
			PREPARED BY: R. REYNOLDS		TITLE		
			2/9/2022				
			CHECKED BY: M. WROCKLAGE		FRONT PANEL ASSEMBLY		
			2/9/2022				
			ENGINEER: M. WROCKLAGE				
			2/9/2022				
			SUBMITTED				
			M. WROCKLAGE				
			APPROVED				
2000			TOP ASSEMBLY		SIZE D		
NEXT ASSY			USED ON		CAGE CODE 6D418		
APPLICATION					DWG NO. 2600		
					SCALE: 1:1		
					SHEET 34 OF 37		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES ± .1 1 PLACE DECIMAL ± .1 2 PLACE DECIMAL ± .02 3 PLACE DECIMAL ± .005		
THIRD ANGLE PROJECTION		

1. **APPLICABLE STANDARDS / SPECIFICATIONS:**
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. **REMOVE ALL BURRS AND SHARP EDGES:** .010 MIN - .020 MAX.
3. **UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS** $\sqrt{2}$ **ON ALL MACHINED SURFACES.**
4. **MATERIAL:** HDPE PLASTIC.

DWG. NO. 2601		1	
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	M. FETTING
01	REMOVED HOLES, UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE




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CAD MAINTAINED. CHANGES SHALL BE
INCORPORATED BY THE DESIGN ACTIVITY.

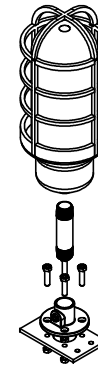
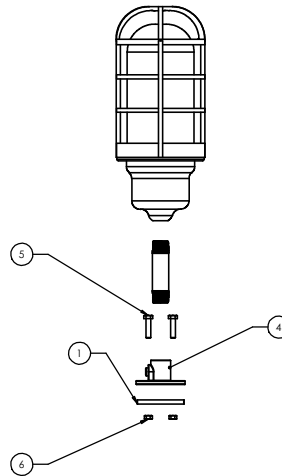
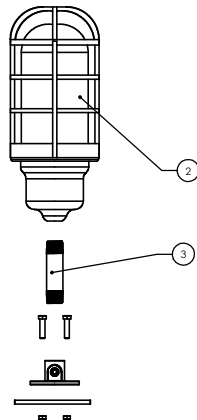
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		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES ± 1° 1 PLACE DECIMAL ± .1 2 PLACE DECIMAL ± .02 3 PLACE DECIMAL ± .005		FILENAME: Full Drawings.SLDORW PREPARED BY: R. REYNOLDS 2/9/2022 CHECKED BY: M. WROCKLAGE 2/9/2022 ENGINEER: M. WROCKLAGE 2/9/2022 SUBMITTED M. WROCKLAGE APPROVED		F2 17/1 5.00 1/20 THRU PURDUE POLYTECHNIC NEW ALBANY 5000 TECHNOLOGY AVE NEW ALBANY, IN 47150 TITLE Top front panel SIZE D 64D18 2601 SCALE: 1:1 SHEET 45 OF 37	
2600 FRONT PANEL NEXT ASSY USED ON APPLICATION							

- NOTES:
1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2004.
 2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
 3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{\text{Ra}}$ ON ALL MACHINED SURFACES.

DWG. NO. 2700			
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	PRELIMINARY RELEASE	2/9/2022	R. REYNOLDS
01	CHANGED SHELF WITH METAL PLATE, UPDATED APPLICATION AND DRAWING NO.	3/24/2022	M. WROCKLAGE




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CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

6	4			95462A505	Medium-Strength Steel Hex Nut			
5	4			91286A157	High-Strength Grade 8 Steel Hex Head Screw			
4	1			4936T186	Galvanized Iron Slip-on Rail Fitting			
3	1			44615K465	Standard-Wall Steel Pipe Nipple			
2	1			G.S. Coal Light	G.S. Coal Light			
1	1	6D418	2701		Steel Plate			
ITEM OR FIND NO.	QTY. REQ'D.	CAGE CODE	DRAWING OR SPECIFICATION NO.	PART OR IDENTIFICATION NUMBER	NOMENCLATURE OR DESCRIPTION	PL	MI	NOTES OR REMARKS

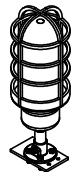
PARTS LIST

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLES ± 1° 1 PLACE DECIMAL ± .1 2 PLACE DECIMAL ± .03 3 PLACE DECIMAL ± .005		FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
		THIRD ANGLE PROJECTION		PREPARED: R. REYNOLDS 2/9/2022		TITLE	
				CHECKED: R. REYNOLDS 2/9/2022		COAL LIGHT ASSEMBLY	
				ENGINEER: R. REYNOLDS 2/9/2022			
				SUBMITTED: R. REYNOLDS			
2000 TEAM 3 TOP ASSEMBLY				APPROVED: R. REYNOLDS		SIZE: D	
NEXT ASSY USED ON						CAGE CODE: 6D418	
APPLICATION						DWG NO.: 2700	
						SCALE: 1:1	
						SHEET 34 OF 37	

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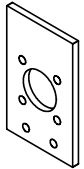
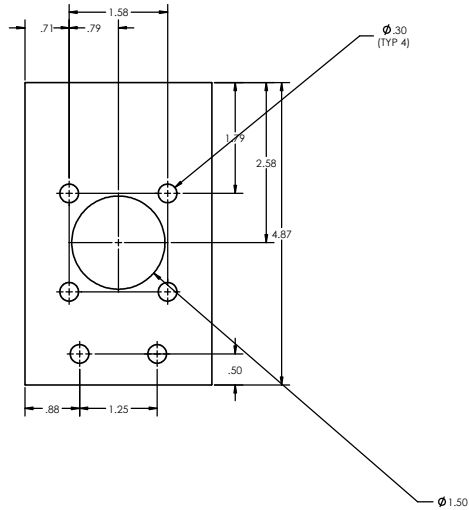
ISOMETRIC VIEW
FOR REFERENCE ONLY



NOTES:

1. APPLICABLE STANDARDS / SPECIFICATIONS:
INTERPRET DRAWING IAW ASME Y14.100-2017.
2. REMOVE ALL BURRS AND SHARP EDGES: .010 MIN - .020 MAX.
3. UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS $\sqrt{1.25}$ ON ALL MACHINED SURFACES.
4. MATERIAL: MILD STEEL.

DWG. NO. 2701				1	
REVISIONS					
REV	DESCRIPTION			DATE	APPROVED
00	PRELIMINARY RELEASE			2/9/2022	M. WROCKLAGE

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FILENAME: Full Drawings.SLDRAW		PURDUE POLYTECHNIC NEW ALBANY 3000 TECHNOLOGY AVE NEW ALBANY, IN 47150	
PREPARED	B. REYNOLDS	2/9/2022	TITLE
CHECKED	M. WROCKLAGE	2/9/2022	METAL PLATE
ENGINEER	M. WROCKLAGE	2/9/2022	
SUBMITTED	M. WROCKLAGE		SIZE
APPROVED			CAGE CODE
		6D418	DWG. NO.
		2701	SCALE 1:1
			SHEET 37 OF 37