



**swoboda**  
technologies

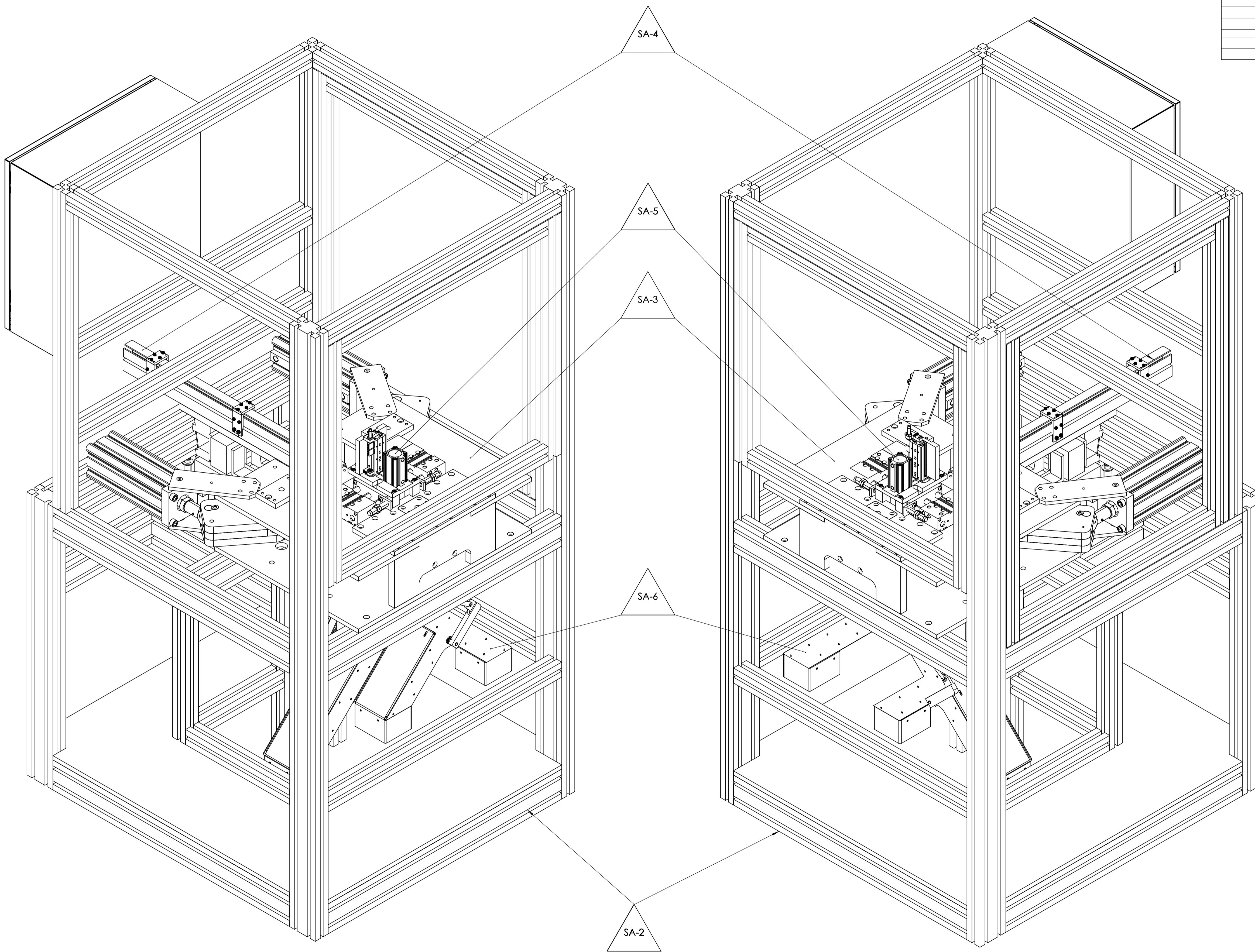
## Winton Washer Machine Technical Details

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3 .....	SA - 1	36 .....	Bottom Link
4 .....	SA - 1	37 .....	Middle Link
5 .....	SA - 2	38 .....	Top Link
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7, 7b, 7c .....	SA - 3	40 .....	Upper Right Bearing Insert
8 .....	Base	41 .....	Blade Back
9 .....	Base	42 .....	Blade
10 .....	Base Left	43 .....	Blade Bottom
11 .....	Base Right	44 .....	Lower Left Shear Arm
12 .....	Base Mid	45 .....	Lower Left Bearing Insert
13 .....	Access Part	46 .....	Clamp Bottom Left
14 .....	Base Upright	47 .....	Clamp Bottom Right
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20 .....	Cyl. Top	53 .....	Ball Joint Rod End
21 .....	Cyl. Bottom	54 .....	SA - 5
22 .....	Shroud Right	55 .....	Washer Base
23 .....	Shroud Right	56 .....	Washer Upright
24 .....	Shroud Mid	57 .....	Stop Block Left
25 .....	Shroud Mid	58 .....	Stop Block Right
26 .....	Cyl. Pivot Shaft	59 .....	Stop Pin
27 .....	Shroud Left	60 .....	Cyl. Support
28 .....	Shroud Left	61 .....	Prestop Up Down
29 .....	Cyl. Bracket	62 .....	Prestop In Out
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32 .....	Part Transfer	65 .....	End Stop
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34 .....	Gripper Left	67 .....	Rail Base Front
35 .....	Gripper Right	68 .....	Rail Base Back
		69 .....	Srt Bracket Side

# INDEX

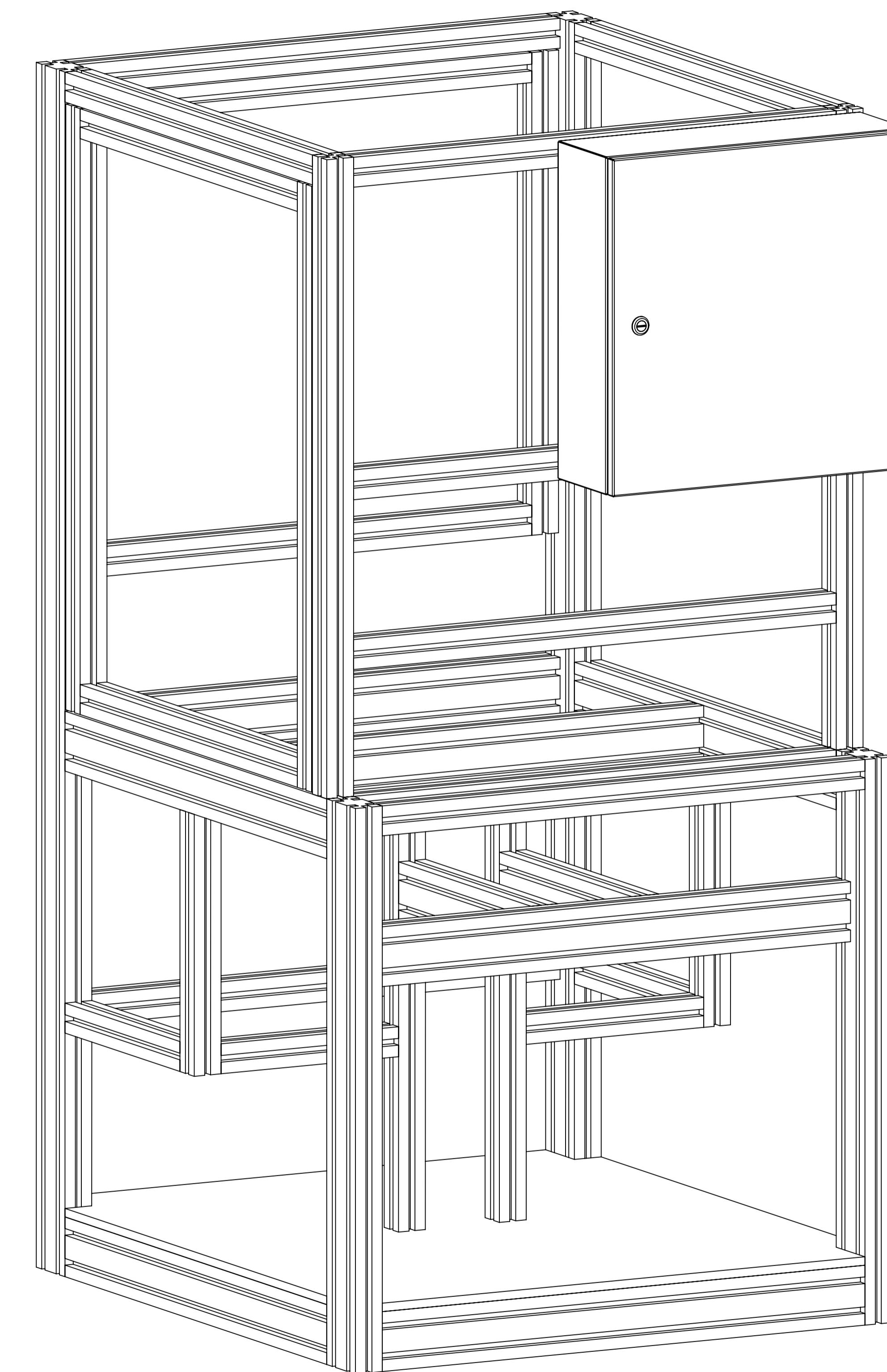
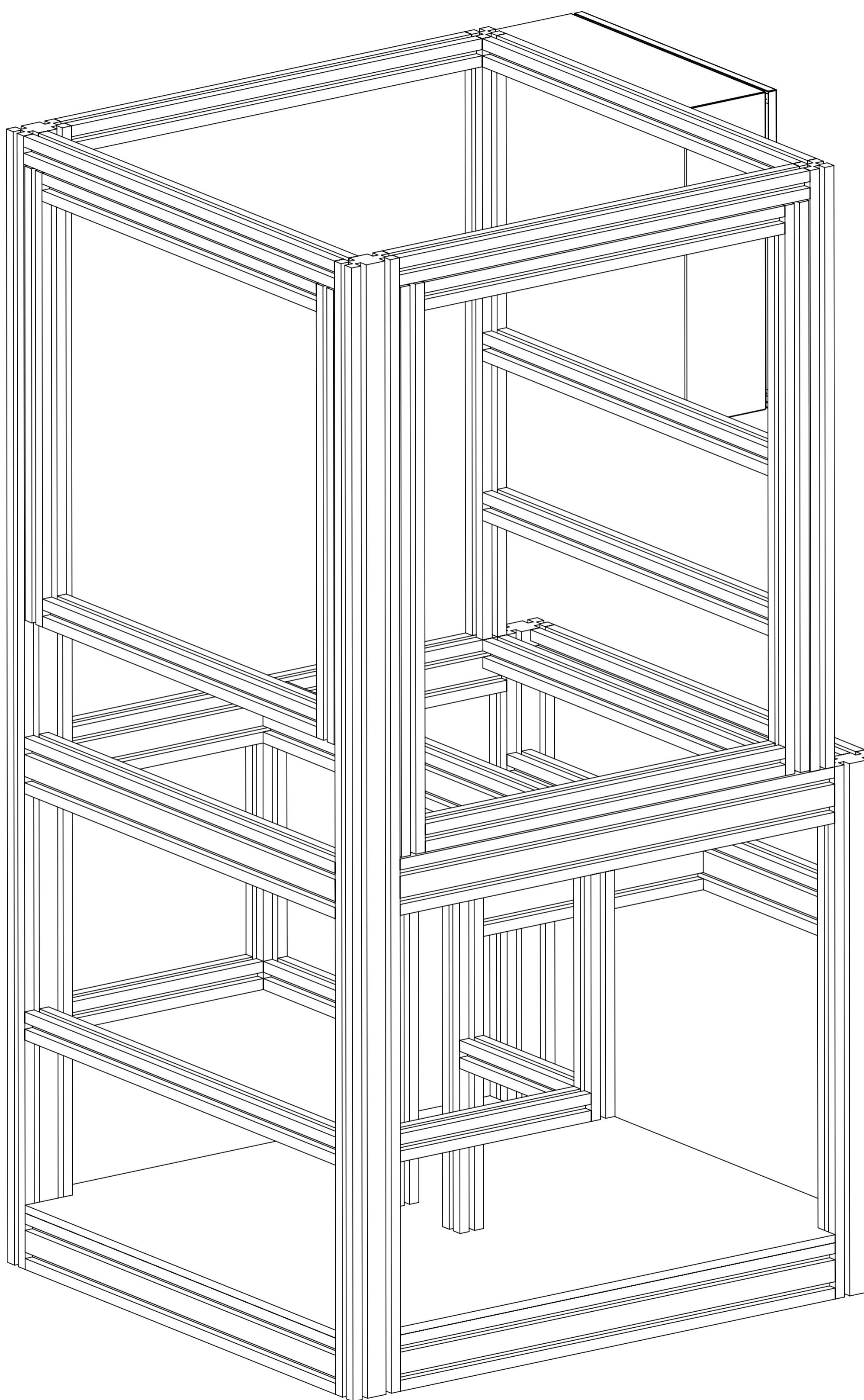
70 .....	Srt Bracket Top	103 .....	Chute Bottom
71 .....	Angle Bracket Side	104 .....	Trap Door Shaft
72 .....	Angeled Bracket Top		
73 .....	Rail Side		
74 .....	Side Angle Rail		
75 .....	Top Angle Rail		
76 .....	Vibe Top Connector		
77 .....	SA - 6		
78 .....	SA - 6		
79 .....	Back Panel		
80 .....	Back Panel		
81 .....	Outside Panel		
82 .....	Outside Panel		
83 .....	Ninety Deg Panel		
84 .....	Ninety Deg Panel		
85 .....	Long Straight Panel		
86 .....	Long Straight Panel		
87 .....	Short Straight Panel		
88 .....	Short Straight Panel		
89 .....	Trap Door		
90 .....	Front Panel		
91 .....	Front Panel		
92 .....	Cyl. Clevis		
93 .....	Cyl. Clevis Support		
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97 .....	Chute Extension		
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99 .....	Door Shroud		
100 .....	Outside Panel		
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SUB-ASSEMBLY	DESCRIPTION	PAGE NUMBER
SA-1	MACHINE CHASSIS	
SA-2	HEAD REMOVAL/PART TRANSFER	
SA-3	VIBRATING RAIL	
SA-4	WASHER REMOVAL	
SA-5	SORTING MECHANISM	
SA-6		

<b>swoboda</b>		3RD ANGLE PROJECTION	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD SYSTEM SW
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	All Dimensions in MM	GENERAL DIMENSIONAL TOLERANCING: $X, x = \pm 0.1$ $X, XX = \pm 0.05$ $ANGLE = \pm 1^\circ$	
DRAWN	LD	DATE (MM/DD/YY) 8/9/2022	MATERIAL N/A	HEAT TREAT	NO
		ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED	SURFACE COATING	REV 0	
QTY: 1			PART NUMBER SA-1	PART NAME	
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:5	SHEET 1 OF 11	

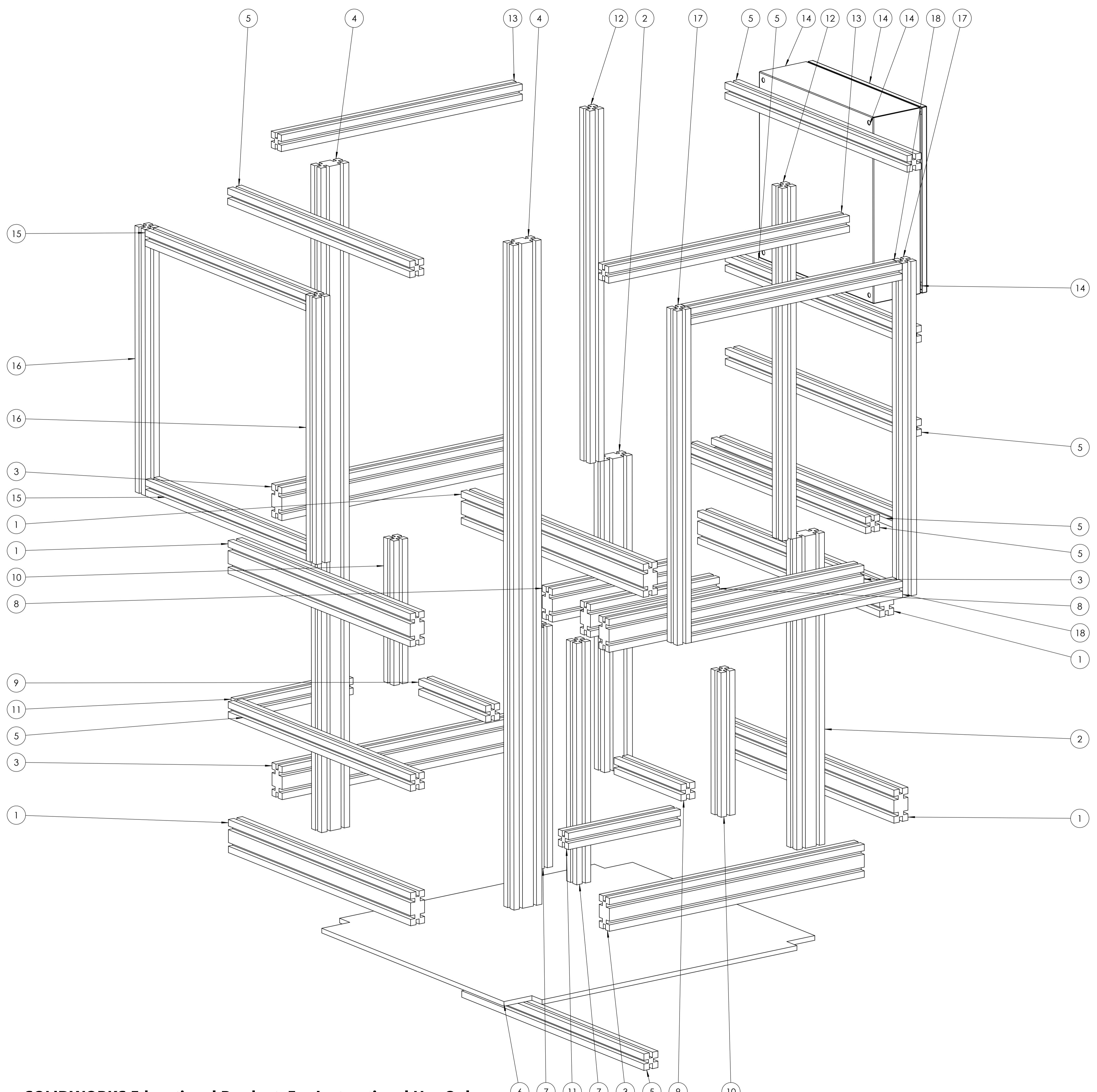
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	45X90X810		5	61	1161N74_DOUBLE_X-PROFILE_OIL-RESISTANT_BUNA-N_O-RING	1161N74	4	123	A40-1400-11-018-004_STOP_BLOCK_RIGHT		1	184	A40-1400-11-030-013_DOOR_SHROUD		4
2	45X90X850		2	62	CLUBB25_31_20(MISUMI)	ID:25 OD:31 L:20 TERT SHAFT SPACER	2	124	91290A238	ALLOY STEEL SOCKET HEAD SCREW	5	185	91294A128	BLACK-OXIDE ALLOY STEEL HEX DRIVE FLAT HEAD SCREW	24
3	45X90X820		4	63	NSK 22205CE4C3	ID:25 OD:52 SPHERICAL ROLLER BEARING	4	125	98687A110	GENERAL PURPOSE STEEL WASHER	5	186	A40-1400-11-030-014_OUTSIDE PANEL		1
4	45X90X1810.5		2	64	CLBPB25_31_12(MISUMI)	ID:25 OD:31 L:12 TERT SHAFT SPACER	2	126	A40-1400-11-011-017_CYL_BRACKET		2	187	A40-1400-11-030-011_VERTICAL SUPPORT		2
5	45X45X810		8	65	NSFRBE_D30_L31_5_M1_2_T68_Q25_N12(MISUMI)	TERT SHAFT	2	127	90128A298	ZINC-PLATED ALLOY STEEL SOCKET HEAD SCREW	8	188	FNTS6_1_0_D6_B6_U20(CLEVIS)		2
6	FLOOR_PLASTIC		1	66	DW-AD-501-04-STEP	INDUCTIVE PROXIMITY SENSOR	2	128	2867T132	CORROSION-RESISTANT SLEEVE BEARING	4	189	CD85N16_125_A(SHAFT)		2
7	45X45X657.3		2	67	MGPL32_25Z_0_0_0_6		2	129	2872T148	CORROSION-RESISTANT THRUST BEARING	4	190	CD85N16_125_A		2
8	45X90X415		2	68	SET_SCR_M4_X_10	91390A114	2	130	A40-1400-11-011-024_CYLPIVOT SHAFT		4	191	HCLGN6_12		2
10	45X45X393.7		2	69	A40-1400-11-016-004_CLAMP STOP		2	131	PHS22_3		2	192	HCLGN6_22		2
11	45X45X360		2	70	BUTT_HD_HEX_SCR_M6_X_30	91239A328	4	132	PHS22_5		2	193	A40-1400-11-030-008_CYL CLEVIS		2
12	45X45X960.5		2	71	BUTT_HD_HEX_SCR_M6_X_20	91239A326	4	133	CDQ2A80_200DCMZ_BODY		2	194	A40-1400-11-030-009_CYL CLEVIS SUPPORT		2
13	45X45X775		2	72	RB1412_RB-BODY		2	134	CDQ2A80_200DCMZ_NUT		2	195	91290A138	ALLOY STEEL SOCKET HEAD SCREW	80
14	TAMPER-RESISTANT WASHDOWN ENCLOSURE	TAMPER-RESISTANT WASHDOWN ENCLOSURE	1	73	1412		2	135	CDQ2A80_200DCMZ_SHAFT		2	196	91116A120	18-8 STAINLESS STEEL OVERSIZED WASHER	2
15	45X45X715		2	74	14		4	136	MXQ16_100_0_0_3		1	197	91290A115	BLACK-OXIDE ALLOY STEEL SOCKET HEAD SCREW	2
17	45X45X910.5		2	75	A40-1400-11-016-003_CLAMP BACK		2	137	A40-1400-11-011-020_PART TRANSFER	CONFIG 4	1	198	91239A136	BUTTON HEAD HEX DRIVE SCREW	8
18	45X45X680		2	76	A40-1400-11-016-002_CLAMP MID		2	138	MHZ2_25D_33_3_0_6		1	199	A40-1400-11-030-015_CHUTE BOTTOM		3
19	A40-1400-11-011-004_BASE MID		1	77	A40-1400-11-016-001_CLAMP BOTTOM		1	139	MHZ2_25D_33_3_0_3		2	200	91290A140	ALLOY STEEL SOCKET HEAD SCREW	8
20	A40-1400-11-011-007_SHEAR TOP		1	78	PCF_8_BS_3		4	140	A40-1400-11-011-023_GRIPPER RIGHT		1				
21	A40-1400-11-011-005_ACCESS PORT		1	79	PCF_8_BS_5		4	141	A40-1400-11-011-022_GRIPPER LEFT		1				
22	A40-1400-11-011-001_BASE		1	80	A40-1400-11-015-001_CLAMP BOTTOM LEFT		1	142	BUTT_HD_HEX_SCR_M5_X_45	91239A244	2				
23	A40-1400-11-011-003_BASE RIGHT		1	81	A40-1400-11-017-001_TURN BUCKLE	8416N25	2	143	HEX_SOC_CAP_SCR_M5_X_14	91290A230	2				
24	A40-1400-11-011-002_BASE LEFT		1	82	A40-1400-11-017-003_HEIM JOINT RH	60645K981	2	144	LOW_PROF_HEX_SOC_CAP_SCR_M4_X_18	90358A129	4				
25	A40-1400-11-011-018_BASE PIN		2	83	A40-1400-11-017-002_HEIM JOINT LF	60645K982	2	145	DOWEL_M5_X_14	91595A348	2				
26	A40-1400-11-011-006_BASE UPRIGHT		1	84	A40-1400-11-018-001_WASHER BASE		1	146	A40-1400-11-011-021_TRANSFER GUARD		1				
27	A40-1400-11-011-008_SHEAR BOTTOM		1	85	CDQ2B32_50DZ_0_1_0_5		1	147	A40-1400-11-019-002_RAIL BASE BACK		1				
28	A40-1400-11-011-009_TERT UPRIGHT		2	86	A40-1400-11-018-002_WASHER UPRIGHT		2	148	A40-1400-11-019-001_RAIL BASE FRONT		1				
29	A40-1400-11-011-010_TERT TOP		2	87	A40-1400-11-018-006_CYL. SUPPORT		1	149	A40-1400-11-019-003_SRT BRACKET SIDE		6				
30	A40-1400-11-011-011_TERT BOTTOM		2	88	MXS8_50B_0_0_20		1	150	91595A108	DOWEL PIN	16				
31	A40-1400-11-011-013_CYL. BOTTOM		2	89	MXS8_50B_0_0_18		1	151	A40-1400-11-019-004_SRT BRACKET TOP		3				
32	A40-1400-11-011-012_CYL. TOP		2	90	A40-1400-11-018-009_ENDSTOP BASE		1	152	91290A148	ALLOY STEEL SOCKET HEAD SCREW	8				
33	A40-1400-11-011-019_CYL. PIN		2	91	A40-1400-11-018-008_PRESTOP IN OUT		1	153	91290A228	ALLOY STEEL SOCKET HEAD SCREW	16				
34	MXQ16_100_0_0_5		1	92	A40-1400-11-018-007_PRESTOP UP DOWN		1	154	91290A144	ALLOY STEEL SOCKET HEAD SCREW	24				
35	A40-1400-11-011-015_SHROUD MIDDLE		1	93	A40-1400-11-018-010_ENDSTOP IN OUT		1	155	A40-1400-11-019-007_RAIL SIDE		2				
36	A40-1400-11-011-016_SHROUD LEFT		1	94	A40-1400-11-018-011_ENDSTOP		1	156	A40-1400-11-019-008_RAIL TOP		1				
37	A40-1400-11-011-014_SHROUD RIGHT		1	95	CDQ2B32_50DZ_0_1_0_3		1	157	A40-1400-11-019-005_ANGLE BRACKET SIDE		2				
38	MGPL32_25Z_BODY		2	96	THRD_ROD_M8_X_25	93675A250	1	158	A40-1400-11-019-006_ANGLED BRACKET TOP		1				
39	A40-1400-11-013-001_UPPER RIGHT SHEAR ARM		1	97	MXS_BT8_X12	SHOCK ABSORBER	1	159	A40-1400-11-019-0010_TOP ANGLE RAIL		1				
40	A40-1400-11-013-002_UPPER RIGHT BEARING INSERT		1	98	MXS_BS8	EXTENSION END	1	160	A40-1400-11-019-009_SIDE ANGLE RAIL		2				
41	91595A643	DOWEL PIN	4	99	MXS_8	TABLE MOUNT	1	161	A40-1400-11-019-011_VIBE_TOP_CONNECTOR		1				
42	91290A528	BLACK-OXIDE ALLOY STEEL SOCKET HEAD SCREW	2	100	MXS_8_2	TABLE MOUNT	1	162	A40-1600-04-030-001_VIBE_BASE_STP_STEP		1				
43	DOWEL_M5_X_20	91595A356	4	101	MXS_B8_NUT	NUT	2	163	PLAIN_WASHER_M10_R_STP_STEP		3				
44	PPSFJBA_D14_L60_M5(MISUMI)	14 X 60 SHAFT	4	102	MXS_B8_X12	SHOCK ABSORBER	1	164	HEX_SOC_CAP_SCR_M10_X_110_STP_STEP		3				
45	OVERSIZE_CLIP_WASH_M5_X_18	93409A133	10	103	MXS_BT8	RETRACTION END	1	165	HEX_SOC_CAP_SCR_M5_X_25_STP_STEP		3				
46	BUTT_HD_SCR_M5_X_10	91239A224	10	104	HEX_SOC_CAP_SCR_M4_X_12	91290A148	4	166	DOWEL_5X10_STP_STEP		2				
47	A40-1400-11-013-005_BLADE BOTTOM		2	105	DOWEL_M3_X_8	91595A104	2	167	WASH_15OD-5.3ID-T3_STP_STEP		3				
48	A40-1400-11-013-004_BLADE		2	106	HEX_SOC_CAP_SCR_M5_X_85	91290A105	4	168	A40-1600-04-030-008_VIBE_GEN_STP_STEP		1				
49	A40-1400-11-013-003_BLADE BACK		2	107	HEX_SOC_CAP_SCR_M5_X_25	91290A252	4	169	A40-1400-11-030-001_BACK PANEL		1				
50	NSK 22208CDE4C3	ID:40 OD:80 SPHERICAL ROLLER BEARING	2	108	DOWEL_M4_X_20	91595A167	18	170	A40-1400-11-030-002_OUTSIDE PANEL		1				
51	1161N86_DOUBLE_X-PROFILE_OIL-RESISTANT_BUNA-N_O-RING	1161N86													



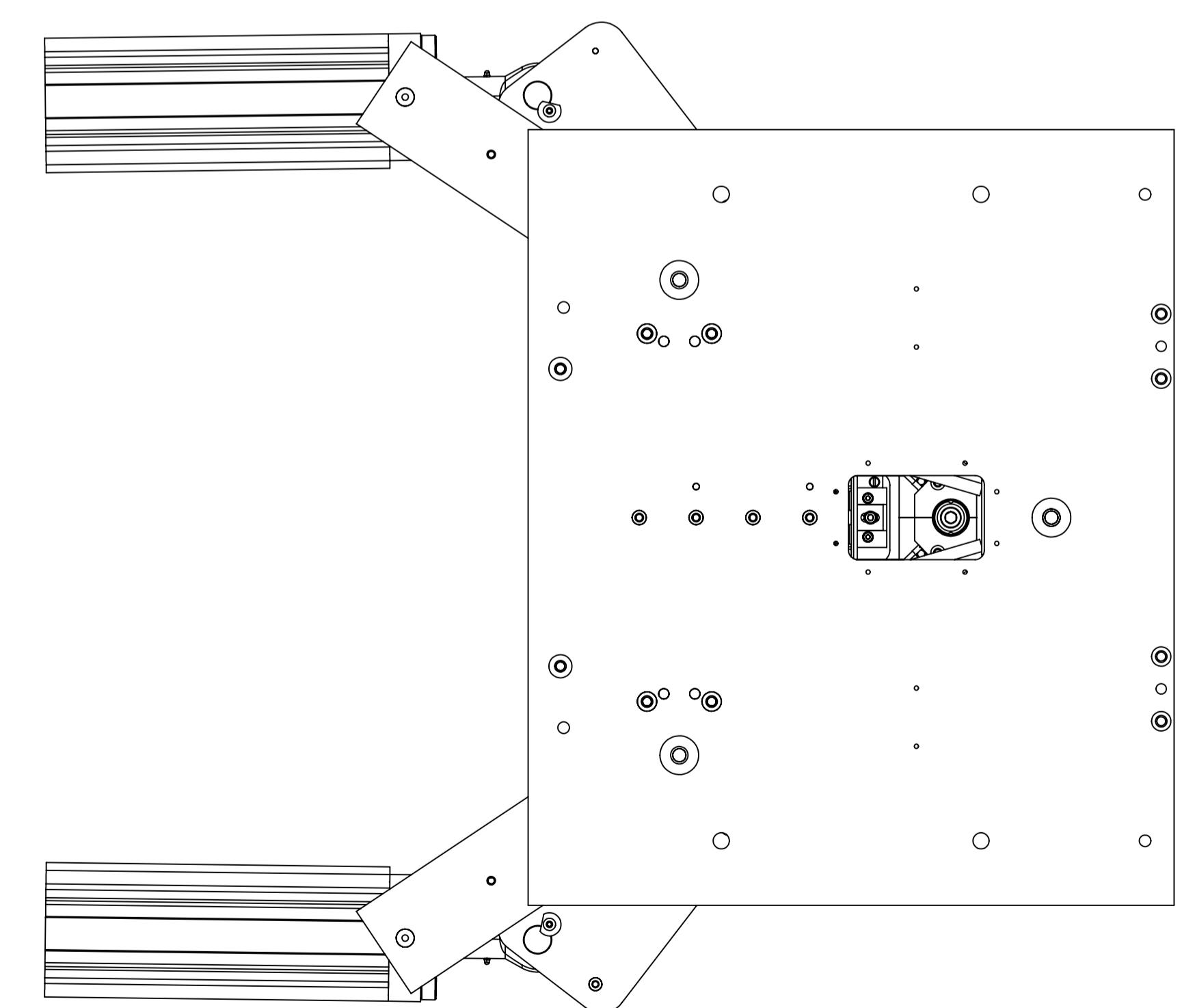
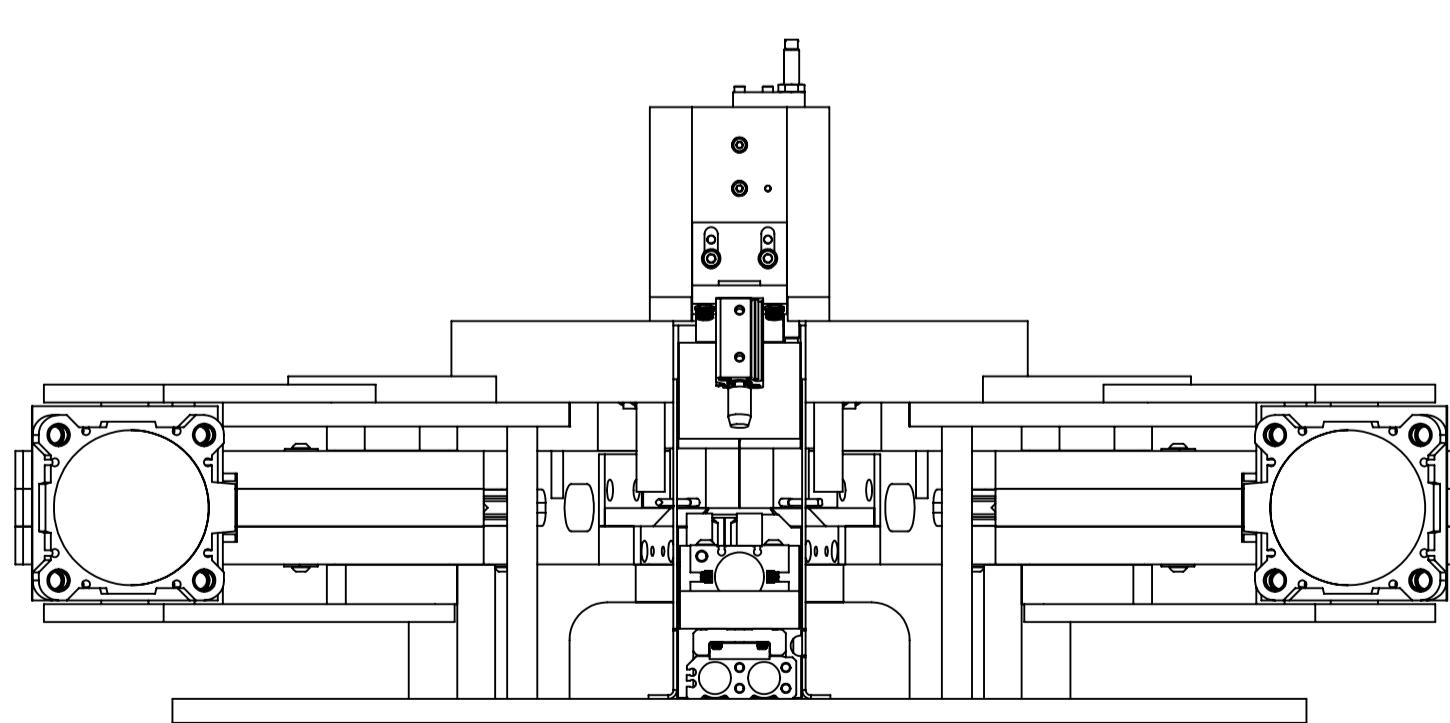
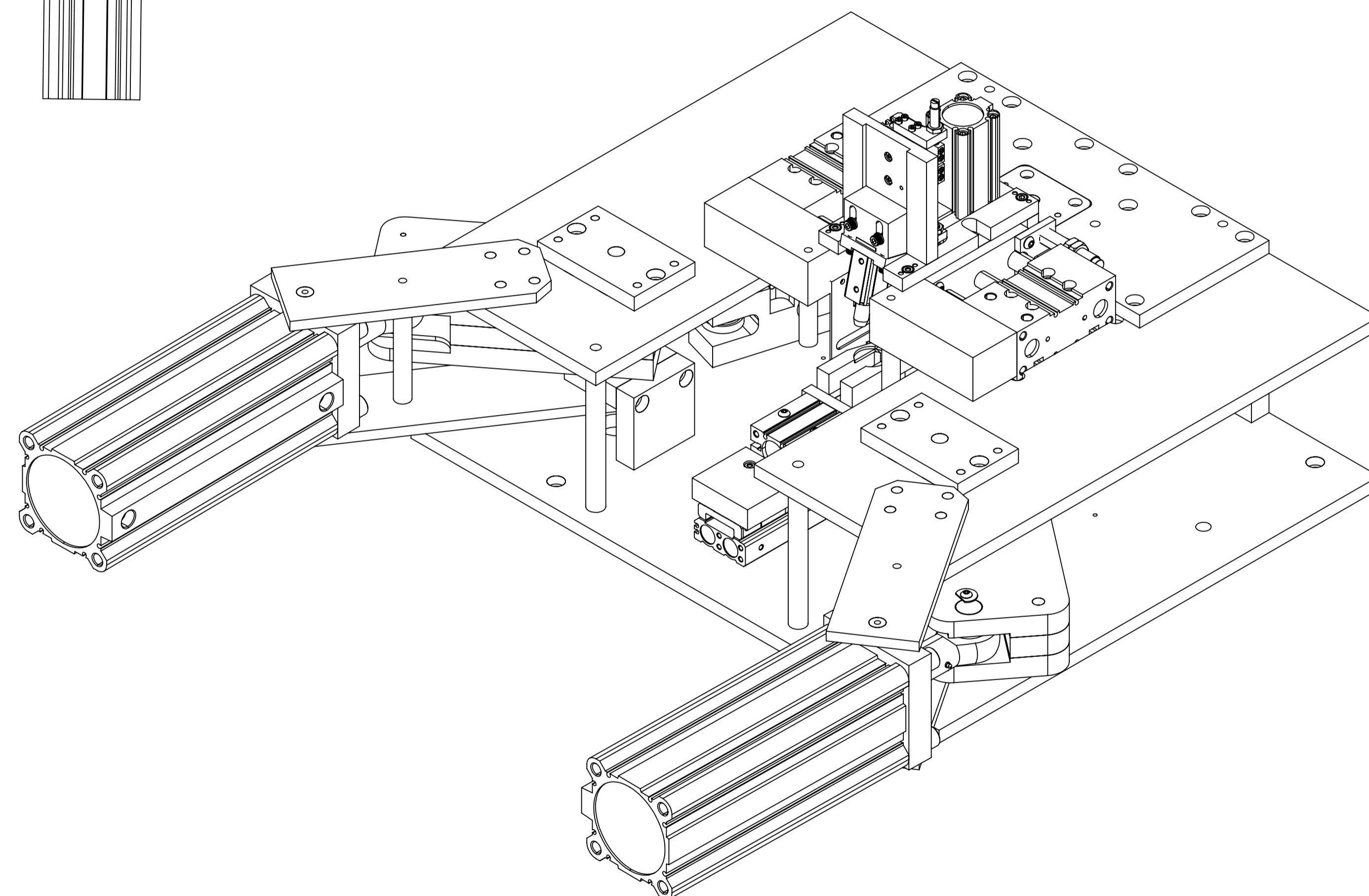
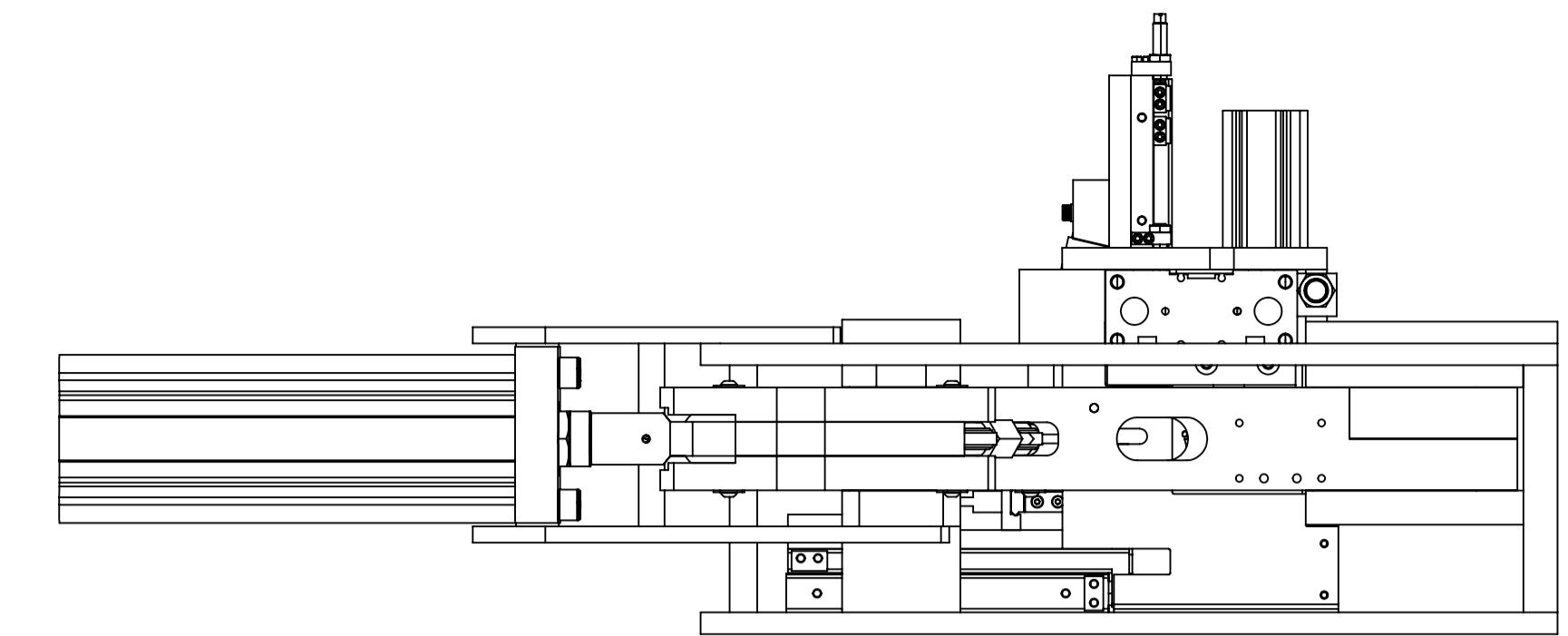
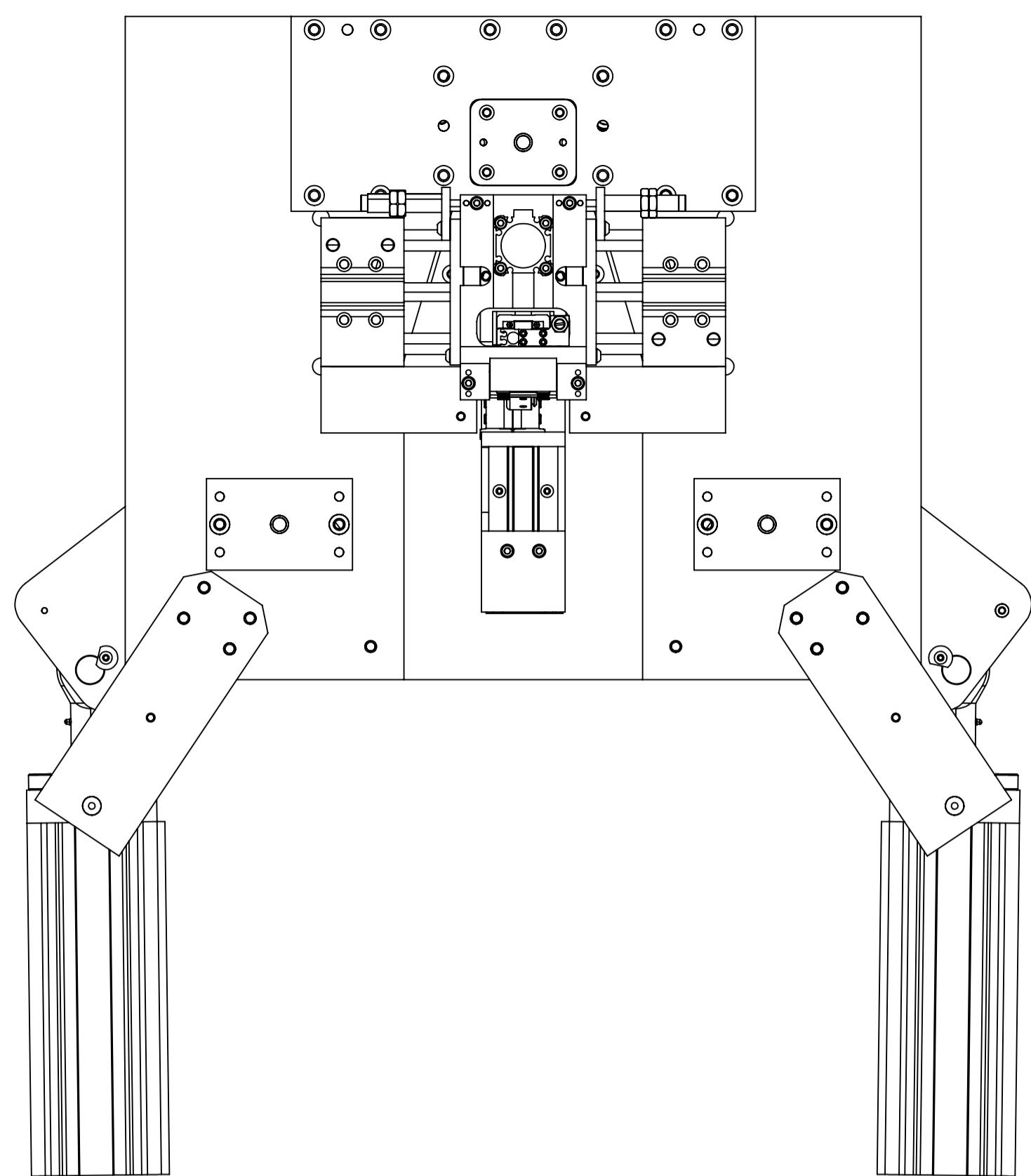
<b>swoboda</b>		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: $X_{xx} = \pm 0.1$ $X_{xx} = \pm 0.05$ ANGLE = $\pm 1^\circ$	SW	CAD SYSTEM
DRAWN	LD	DATE (MM/DD/YY) 8/9/2022	MATERIAL N/A	HEAT TREAT	NO
		ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED	SURFACE COATING	NO	REV 0
QTY:	1		PART NUMBER SA-2	PART NAME	
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:5	SHEET 3 OF 11	SIZE A1

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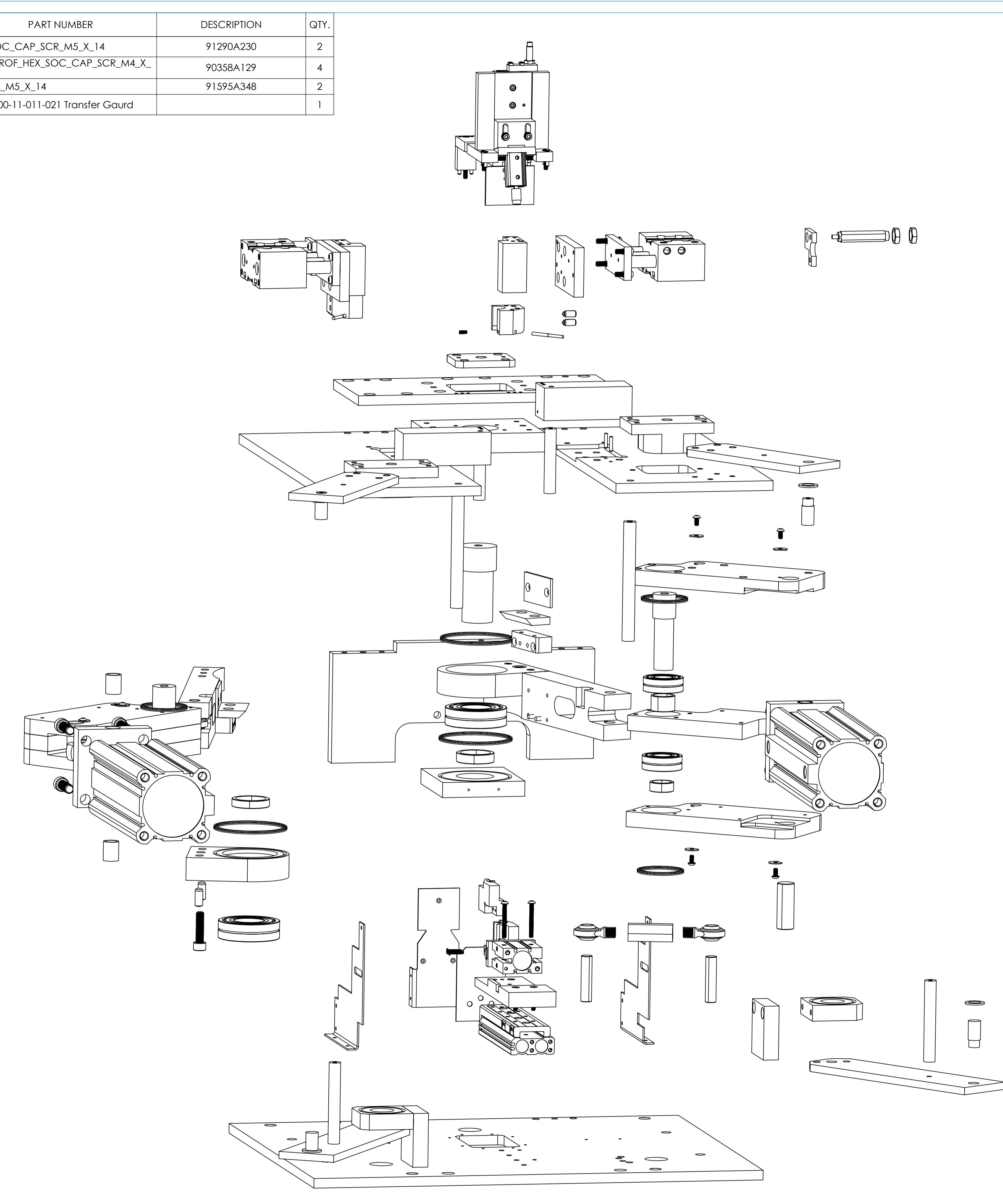
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	45x90x810		5
2	45x90x850		2
3	45x90x820		4
4	45x90x1810.5		2
5	45x45x810		8
6	Floor_plastic		1
7	45x45x657.3		2
8	45x90x415		2
9	45x45x297.9		2
10	45x45x393.7		2
11	45x45x360		2
12	45x45x960.5		2
13	45x45x775		2
14	Tamper-Resistant Washdown Enclosure	Tamper-Resistant Washdown Enclosure	1
15	45x45x715		2
16	45x45x725.5		2
17	45x45x910.5		2
18	45x45x680		2



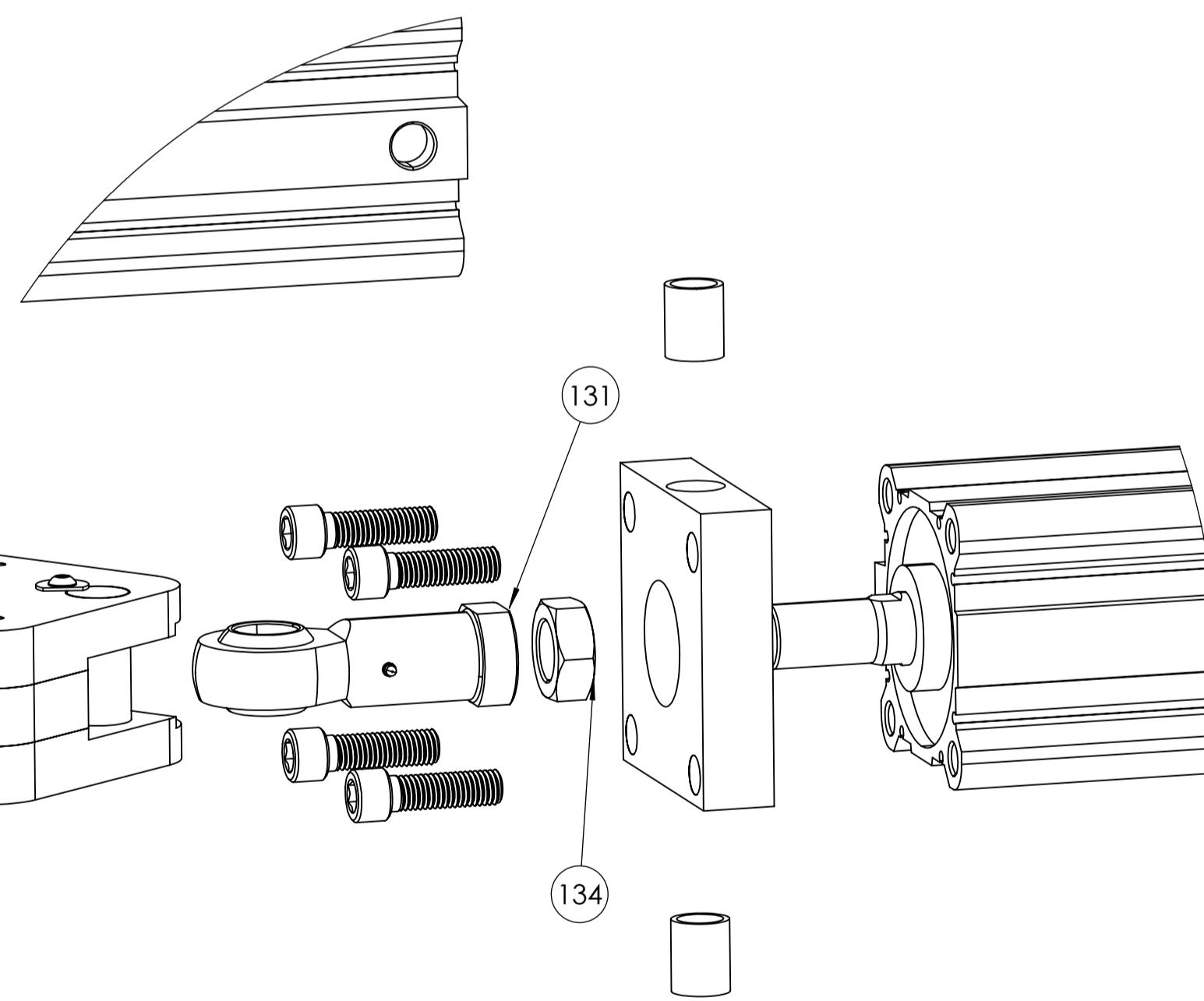
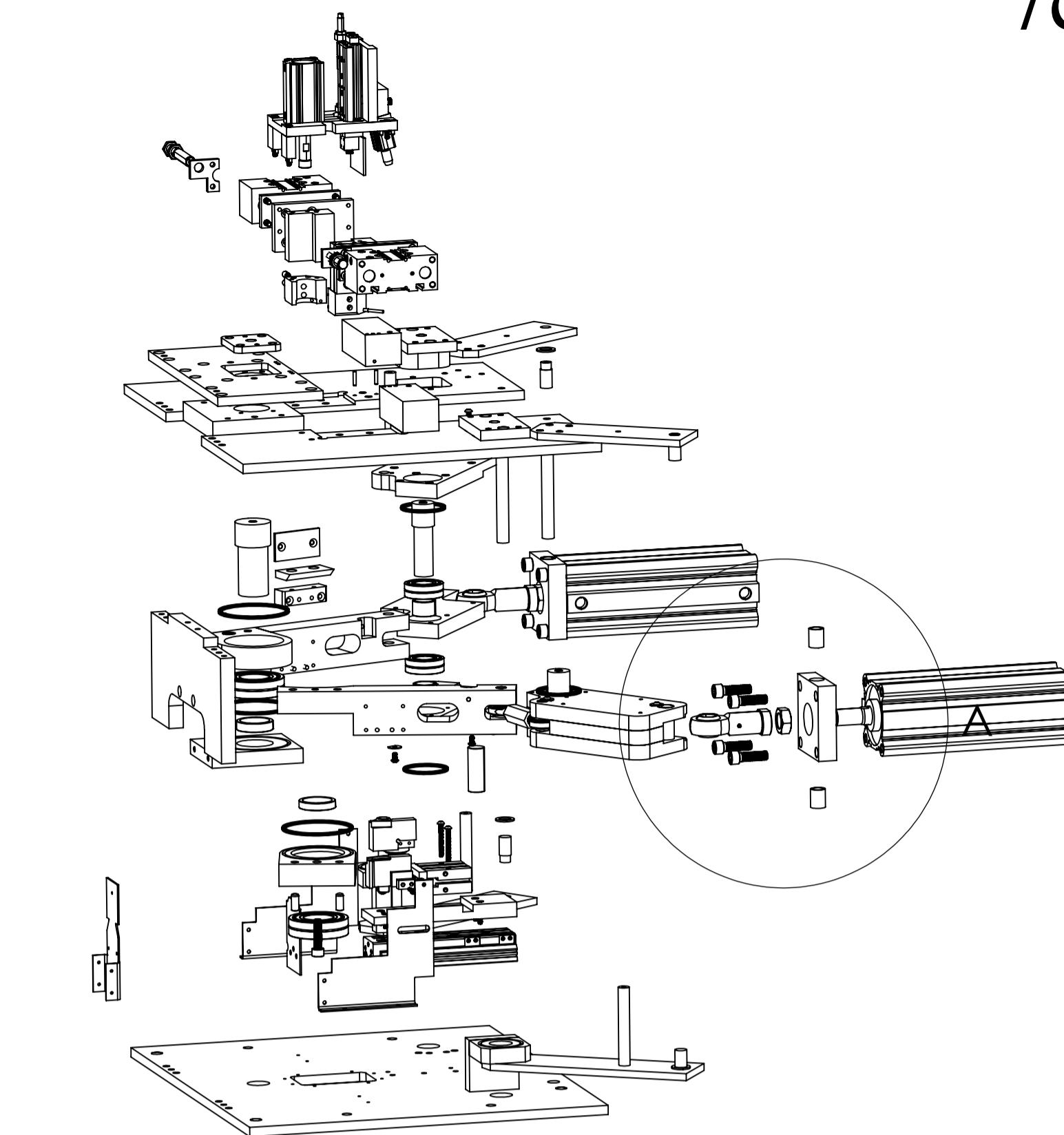
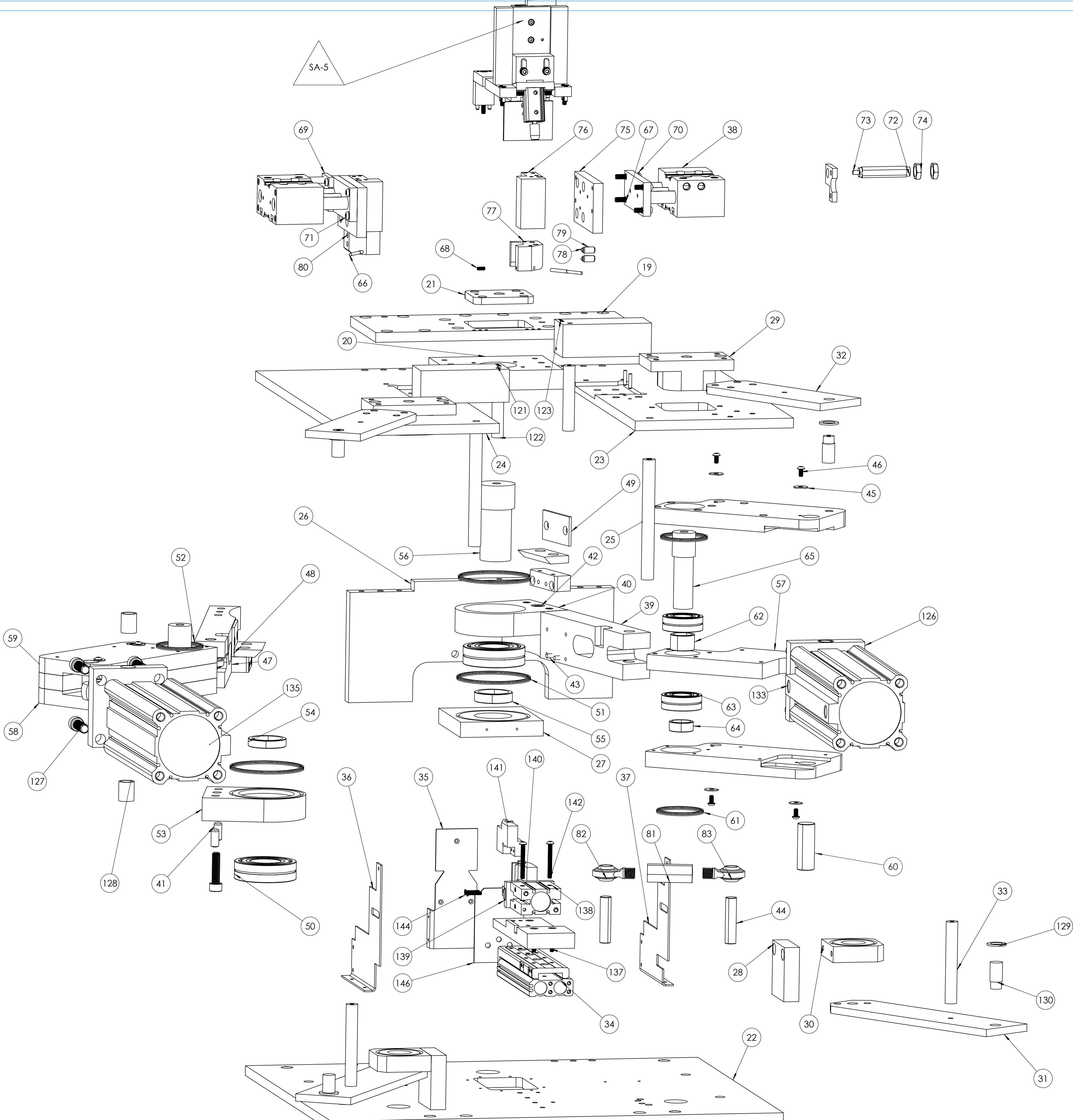
<b>swoboda</b>		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9033	GENERAL DIMENSIONAL TOLERANCING: $X, x = \pm 0.1$ $X, xx = \pm 0.05$ $ANGLE = \pm 1^\circ$		
DRAWN	LD	DATE (MM/DD/YY)	MATERIAL	HEAT TREAT	CAD SYSTEM SW
		8/9/2022	N/A	NO	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING			REV 0
QTY: 1		PART NUMBER			PART NAME SA-2
MOD N	VENDOR PART# N/A	DO NOT SCALE			SCALE 1:5 SHEET 4 OF 11 SIZE A1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
19	A40-1400-11-011-004 Base Mid		1	77	A40-1400-11-016-001 Clamp Bottom Right		1	143	HEX_SOC_CAP_SCR_M5_X_14	91290A230	2
20	A40-1400-11-011-007 Shear Top		1	78	PCF_8_BS_3		4	144	LOW_PROF_HEX_SOC_CAP_SCR_M4_X_18	90358A129	4
21	A40-1400-11-011-005 Access Port		1	79	PCF_8_BS_5		4	145	DOWEL_M5_X_14	91595A348	2
22	A40-1400-11-011-001 Base		1	80	A40-1400-11-015-001 Clamp Bottom Left		1	146	A40-1400-11-011-021 Transfer Gaurd		1
23	A40-1400-11-011-003 Base Right		1	81	A40-1400-11-017-001 Turn Buckle	8416N25	2				
24	A40-1400-11-011-002 Base Left		1	82	A40-1400-11-017-003 Heim Joint RH	60645K981	2				
25	A40-1400-11-011-018 Base Pin		2	83	A40-1400-11-017-002 Heim Joint LF	60645K982	2				
26	A40-1400-11-011-006 Base Upright		1	84	A40-1400-11-018-001 Washer Base		1				
27	A40-1400-11-011-008 Shear Bottom		1	85	CDQ2B32_50DZ_0_1_0_5		1				
28	A40-1400-11-011-009 Tert Upright		2	86	A40-1400-11-018-002 Washer Upright		2				
29	A40-1400-11-011-010 Tert Top		2	87	A40-1400-11-018-006 Cyl. Support		1				
30	A40-1400-11-011-011 Tert Bottom		2	88	MXS8_50B_0_0_20		1				
31	A40-1400-11-011-013 Cyl. Bottom		2	89	MXS8_50B_0_0_18		1				
32	A40-1400-11-011-012 Cyl. Top		2	90	A40-1400-11-018-009 EndStop Base		1				
33	A40-1400-11-011-019 Cyl. Pin		2	91	A40-1400-11-018-008 PreStop In Out		1				
34	MXQ16_100_0_0_5		1	92	A40-1400-11-018-007 PreStop Up Down		1				
35	A40-1400-11-011-015 Shroud Middle		1	93	A40-1400-11-018-010 EndStop In Out		1				
36	A40-1400-11-011-016 Shroud Left		1	94	A40-1400-11-018-011 EndStop		1				
37	A40-1400-11-011-014 Shroud Right		1	95	CDQ2B32_50DZ_0_1_0_3		1				
38	MGPL32_25Z_body		2	96	THR_DOD_M8_x_25	93675A250	1				
39	A40-1400-11-013-001 Upper Right Shear Arm		1	97	MXS_BT8_X12	Shock Absorber	1				
40	A40-1400-11-013-002 Upper Right Bearing Insert		1	98	MXS_BS8	Extension End	1				
41	91595A643	Dowel Pin	4	99	MXS_8	Table Mount	1				
42	91290A528	Black-Oxide Alloy Steel Socket Head Screw	2	100	MXS_8_2	Table Mount	1				
43	DOWEL_M5_X_20	91595A356	4	101	MXS_B8_NUT	Nut	2				
44	FPSFJBA_D14_L60_M5(misumi)	14 x 60 shaft	4	102	MXS_BS8_X12	Shock Absorber	1				
45	OVERSIZE_CLIP_WASH_M5_X_18	93409A133	10	103	MXS_BT8	Refraction End	1				
46	BUTT_HD_SCR_M5_X_10	91239A224	10	104	HEX_SOC_CAP_SCR_M4_X_12	91290A148	4				
47	A40-1400-11-013-005 Blade Bottom		2	105	DOWEL_M3_X_8	91595A104	2				
48	A40-1400-11-013-004 Blade		2	106	HEX_SOC_CAP_SCR_M5_X_85	91290A105	4				
49	A40-1400-11-013-003 Blade Back		2	107	HEX_SOC_CAP_SCR_M5_X_25	91290A252	4				
50	NSK 22208CDE4C3	ID:40 OD:80 Spherical Roller Bearing	2	108	DOWEL_M4_X_20	91595A167	18				
51	1161N86_Double X-Profile Oil-Resistant Buna-N O-Ring	1161N86	3	109	HEX_SOC_CAP_SCR_M5_X_20	91290A242	2				
52	A40-1400-11-014-001 Lower Left Shear Arm		1	110	HEX_SOC_CAP_SCR_M5_X_50	91290A262	2				
53	A40-1400-11-014-002 Lower Left Bearing Insert		1	111	HEX_SOC_CAP_SCR_M4_X_15	91290A306	2				
54	CLBPB40_49_10(misumi)	ID:40 OD:49 L:10 Shear Shaft Spacer	1	112	BUTT_HD_SCR_M3_X_15	91239A811	2				
55	CLBPB40_49_12(misumi)	ID:40 OD:49 L:12 Shear Shaft Spacer	1	113	DOWEL_M3_X_14	91595A114	2				
56	NSFRBE_D48_L31_5_M12_T68_Q40_N12(misumi)	Shear Shaft	1	114	CDQ2B12_15DCZ_0_1_0_8		1				
57	A40-1400-11-012-002 Middle Link		2	115	HEX_SOC_CAP_SCR_M3_X_45	91290A079	2				
58	A40-1400-11-012-003 Top Link		2	116	CDQ2B12_15DCZ_0_1_0_6		1				
59	A40-1400-11-012-001 Bottom Link		2	117	FPSFJTB_D12_L20_N3_J5 (Misumi)	12 x 20 Pre Stop Plug	1				
60	SFR22_60(misumi)	22 x 60 Shaft	2	118	THR_DOD_M3_X_12	93805A629	1				
61	1161N74_Double X-Profile Oil-Resistant Buna-N O-Ring	1161N74	4	119	PSFGZ15_45_M8_N10_SC22(Misumi)	15 x 45 Washer Removal Shaft	1				
62	CLBUB25_31_20(misumi)	ID:25 OD:31 L:20 Tert Shaft Spacer	2	120	HEX_SOC_CAP_SCR_M10_X_14	91290A127	1				
63	NSK 22205CE4C3	ID:25 OD:52 Spherical Roller Bearing	4	121	A40-1400-11-018-003 Stop Block Left		1				
64	CLBPB25_31_12(misumi)	ID:25 OD:31 L:12 Tert Shaft Spacer	2	122	A40-1400-11-018-005 Stop Pin		2				
65	NSFRBE_D30_L31_5_M12_T68_Q25_N12(misumi)	Tert Shaft	2	123	A40-1400-11-018-004 Stop Block Right		1				
66	DW-AD-501-04.step	Inductive Proximity Sensor	2	124	91290A238	Alloy Steel Socket Head Screw	5				
67	MGPL32_25Z_0_0_0_6		2	125	98687A110	General Purpose Steel Washer	5				
68	SET_SCR_M4_X_10	91390A114	2	126	A40-1400-11-011-017 Cyl. Bracket		2				
69	A40-1400-11-016-004 Clamp Stop		2	127	90128A298	Zinc-Plated Alloy Steel Socket Head Screw	8				
70	BUTT_HD_HEX_SCR_M6_X_30	91239A328	4	128	2867T132	Corrosion-Resistant Sleeve Bearing	4				
71	BUTT_HD_HEX_SCR_M6_X_20	91239A326	4	129	2872T148	Corrosion-Resistant Thrust Bearing	4				
72	RB1412_Rb-Body		2	130	A40-1400-11-011-024 Cyl.Pivot Shaft		4				
73	1412		2	131	PHS22_3		2				
74	14		4	132	PHS22_5		2				
75	A40-1400-11-016-003 Clamp Back		2	133	CDQ2A80_200DCMZ_BODY		2				
76	A40-1400-11-016-002 Clamp Mid		2	134	CDQ2A80_200DCMZ_NUT		2				
				135	CDQ2A80_200DCMZ_SHAFT		2				
				136	MXQ16_100_0_0_3		1				
				137	A40-1400-11-011-020 Part Transfer	config 4	1				
				138	MHZ2_25D_33_3_0_6		1				
				139	MHZ2_25D_33_3_0_3		2				
				140	A40-1400-11-011-023 Gripper Right		1				
				141	A40-1400-11-011-022 Gripper Left		1				
				142	BUTT_HD_HEX_SCR_M5_X_45	91239A244	2				

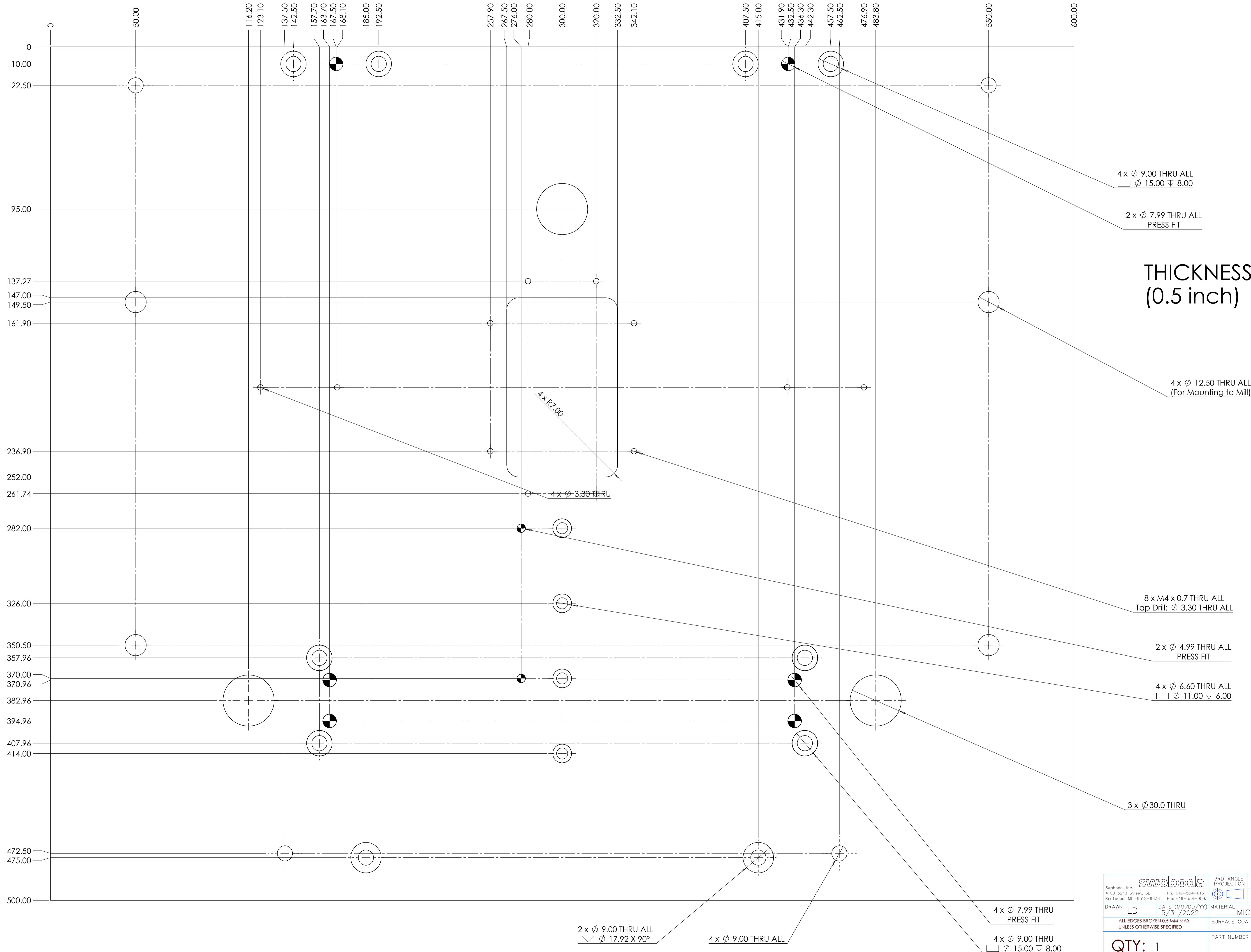


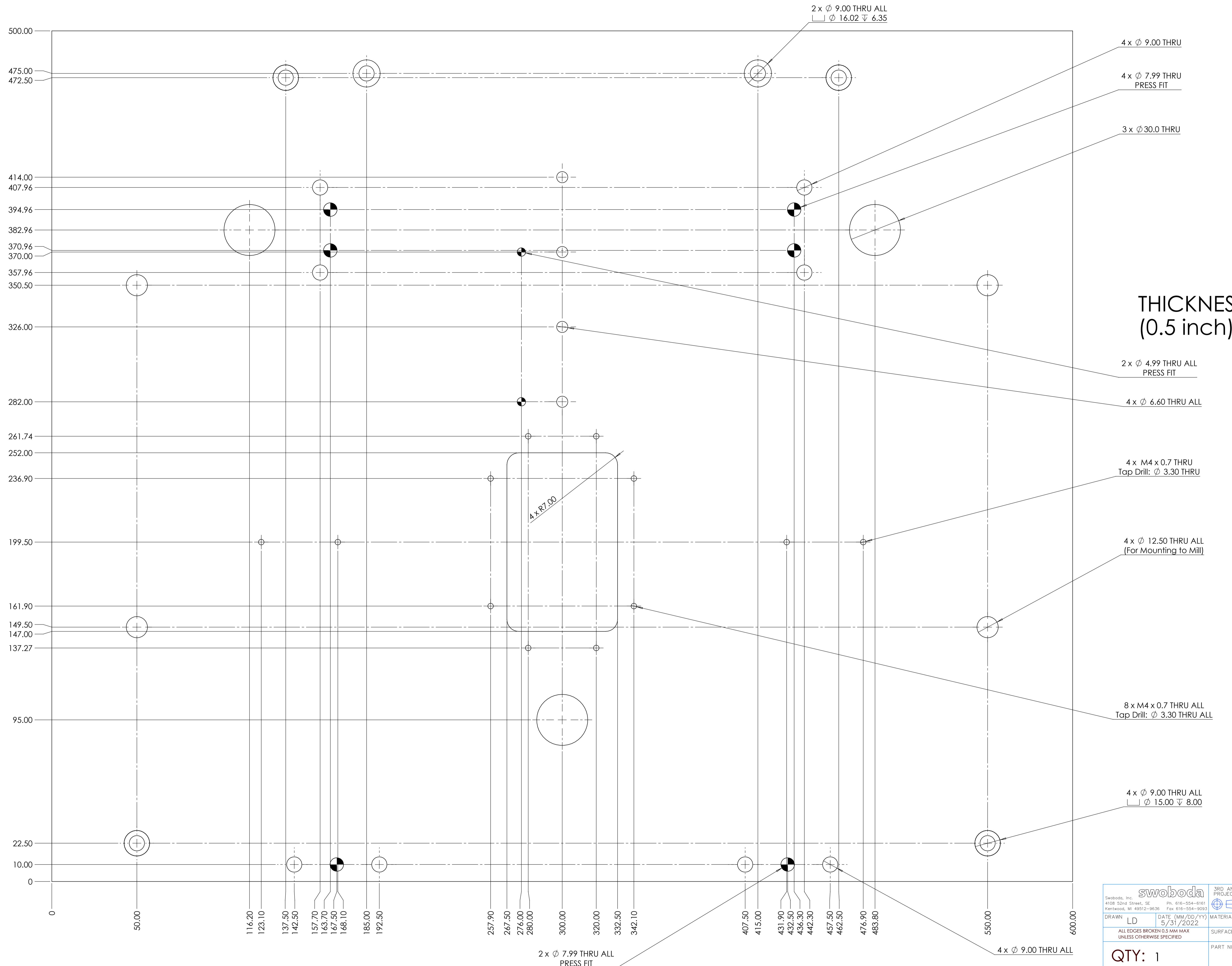
THIS DOCUMENT IS THE PROPERTY OF SWOBOEDA INC.	REPRODUCTION OR MODIFICATION OF THIS DRAWING IS PROHIBITED
SWOBOEDA INC. 4108 52nd Street, SE Kentwood, MI 49512-9636 Ph. 616-554-6161 Fax 616-554-9093	
DRAWN LD DATE (MM/DD/YY) MATERIAL N/A HEAT TREAT NO	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED SURFACE COATING NO REV 0	
PART NUMBER SA-3 PART NAME	
MOD N VENDOR PART# N/A DO NOT SCALE SHEET 1:3 SIZE A1	

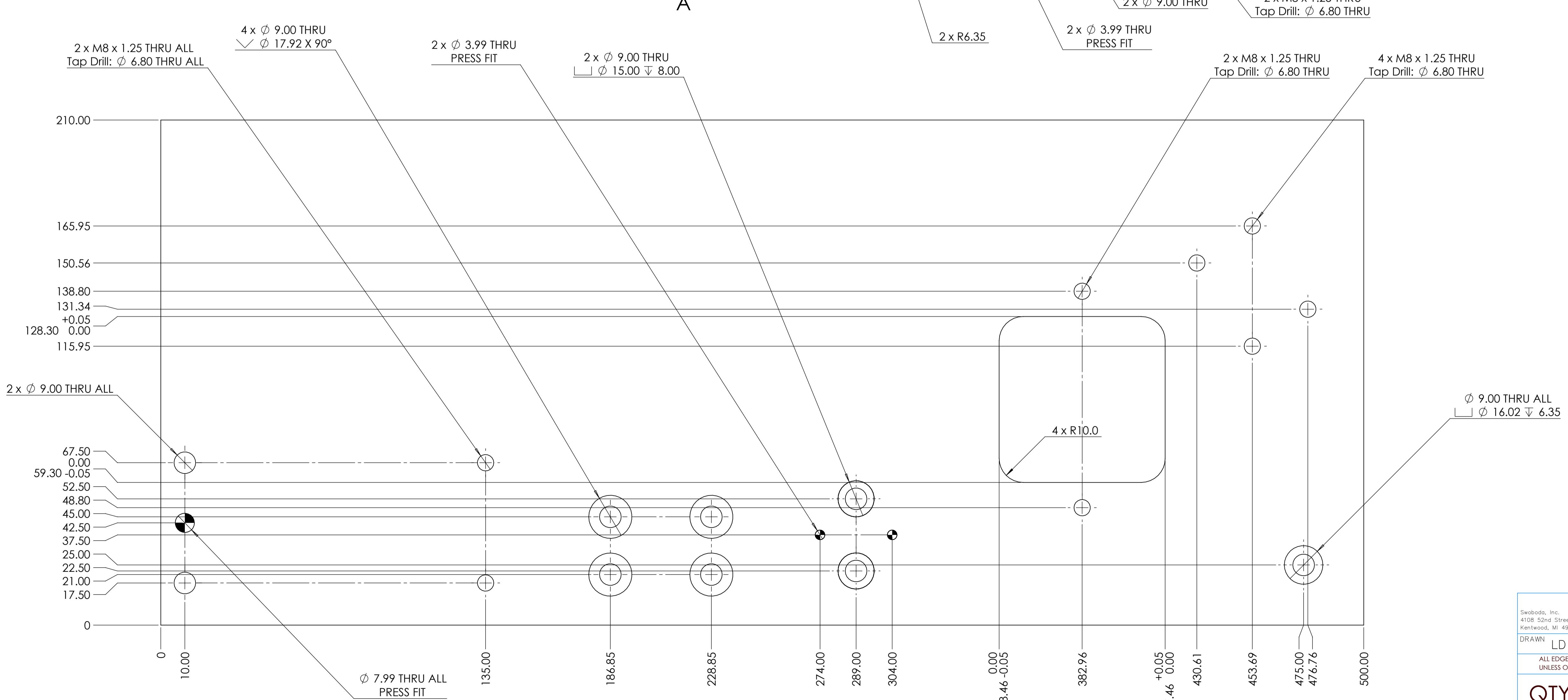
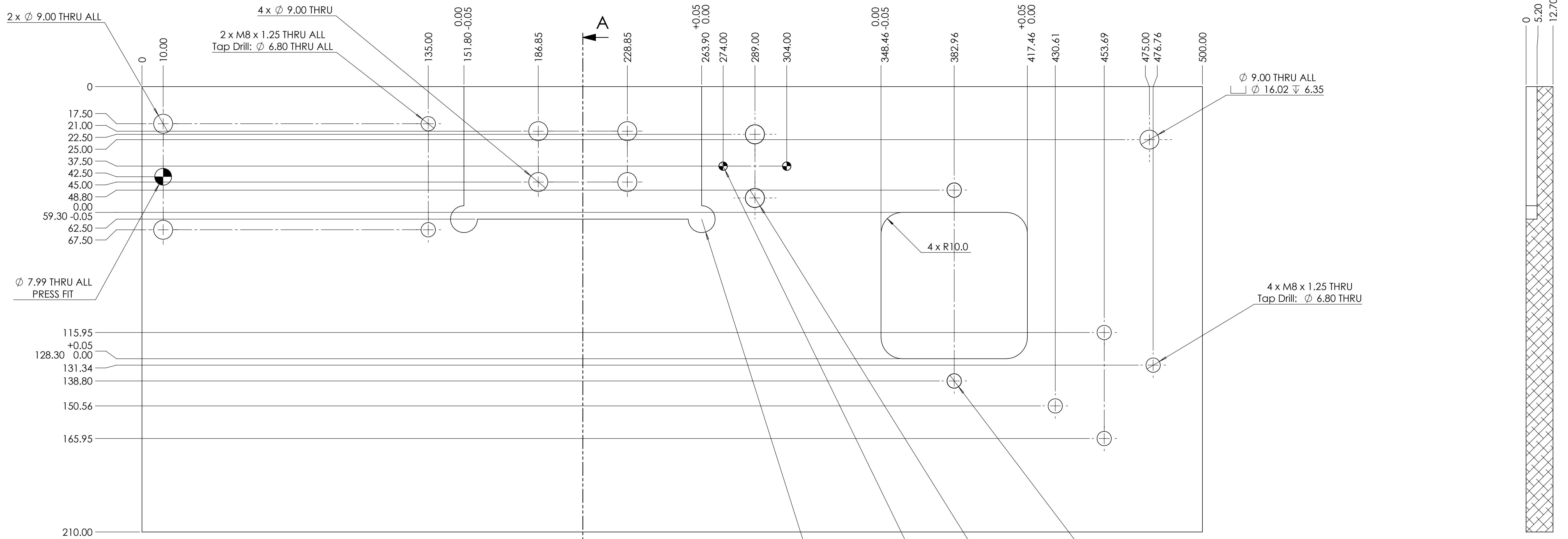


**DETAIL A**  
SCALE 1:2

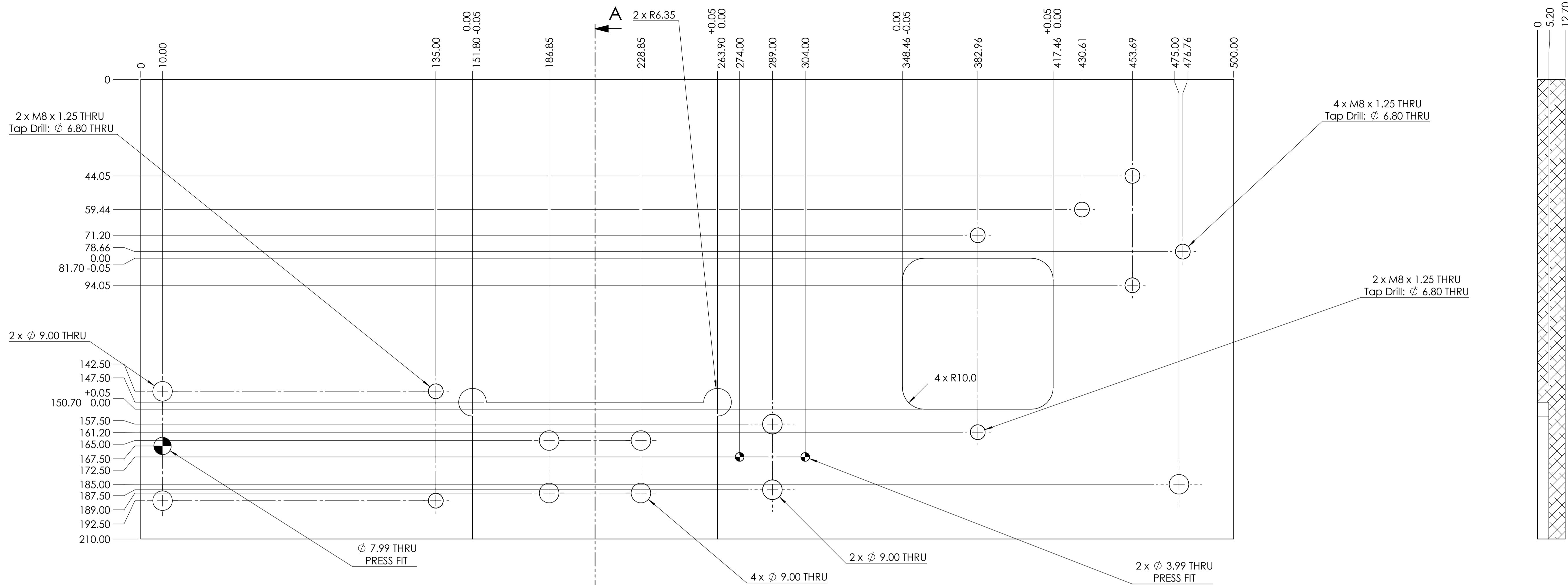
swoboda		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636			Ph. 616-554-6161 Fax 616-554-9093		CAD SYSTEM SW
DRAWN LD	DATE (MM/DD/YY) 8/9/2022	MATERIAL N/A		HEAT TREAT NO	REV 0
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING NO			
QTY: 1	PART NUMBER SA-3	PART NAME PART NAME			
MOD N	VENDOR PART# N/A	DO NOT SCALE 1:2.5	SCALE 1:2.5	SHEET 1 OF 11	SIZE A1



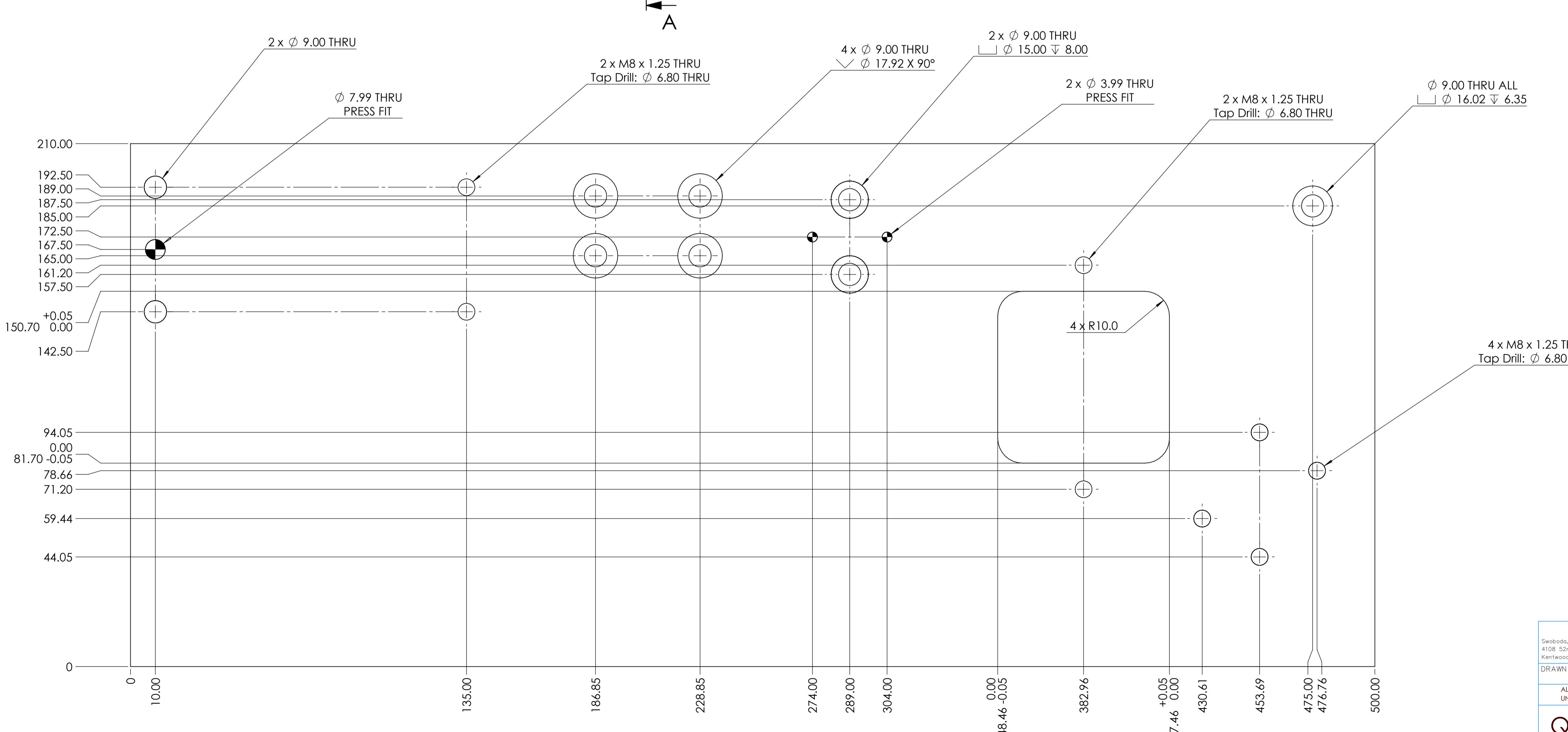




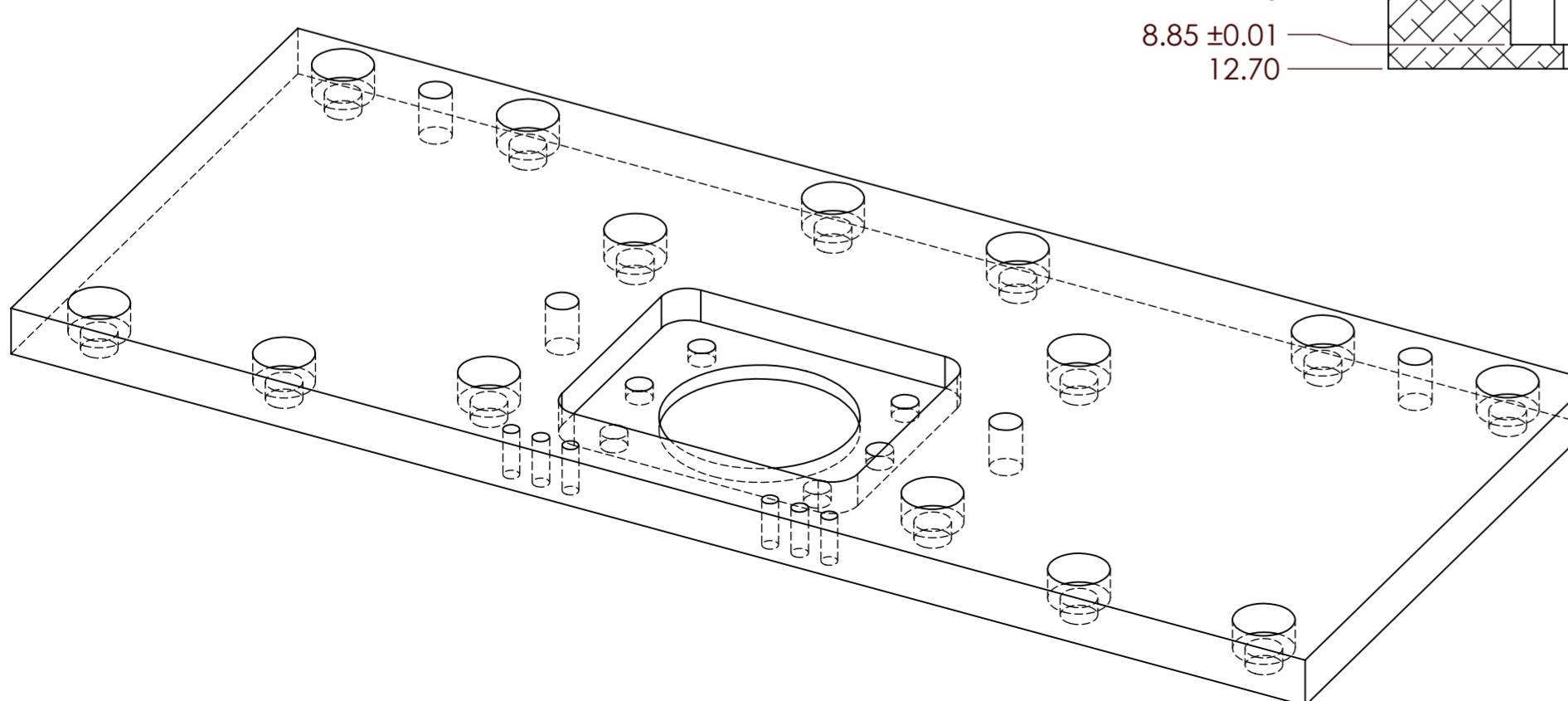
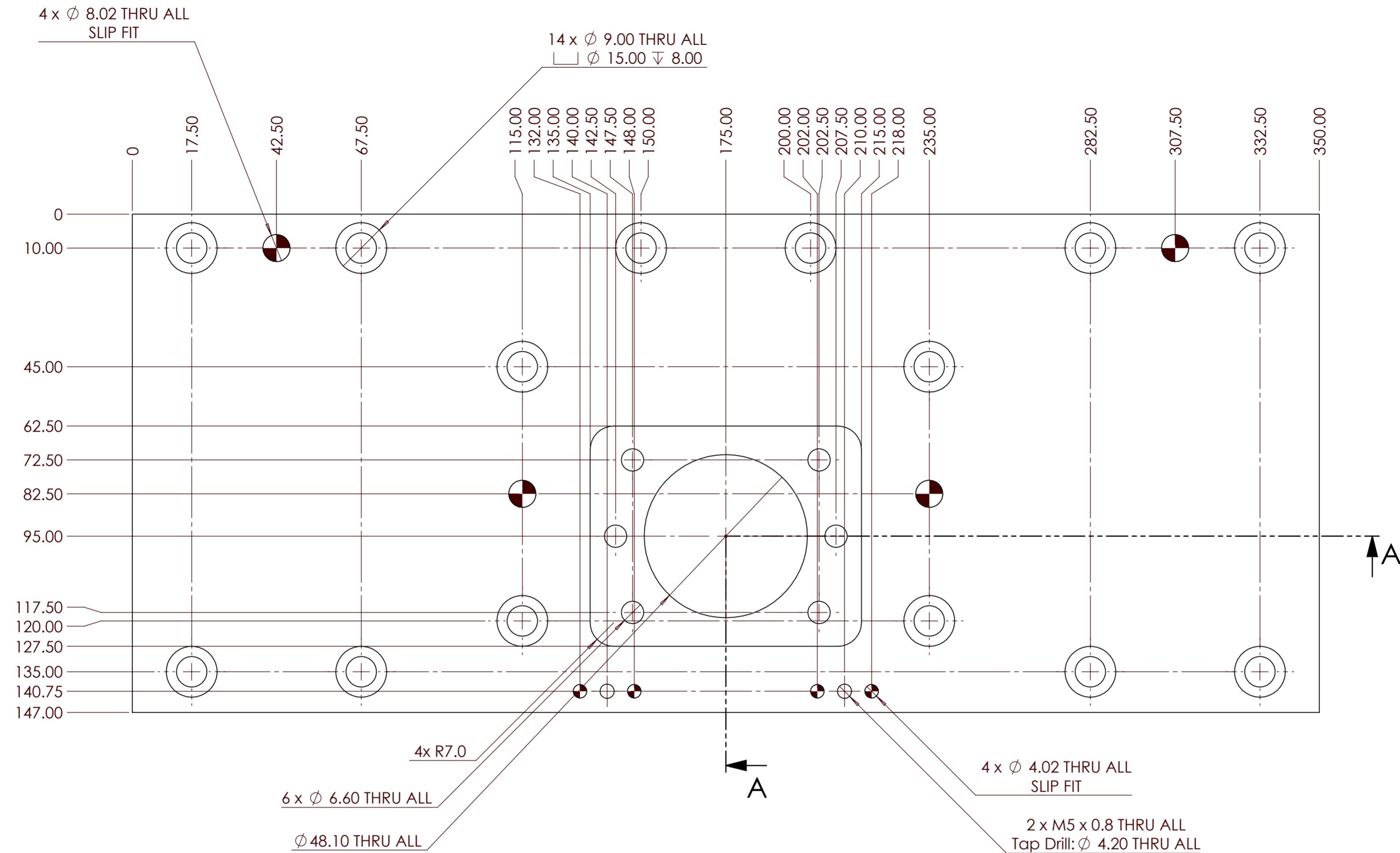
SWOBODA		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093			CAD SYSTEM SW
DRAWN LD	DATE (MM/DD/YR) 5/31/2022		MATERIAL MIC 6	HEAT TREAT NO	
	ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING	NO	REV 0
QTY: 1			PART NUMBER	PART NAME	A40-1400-11-011-002 Base Left
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	SHEET 1 OF 1	



SECTION A-A

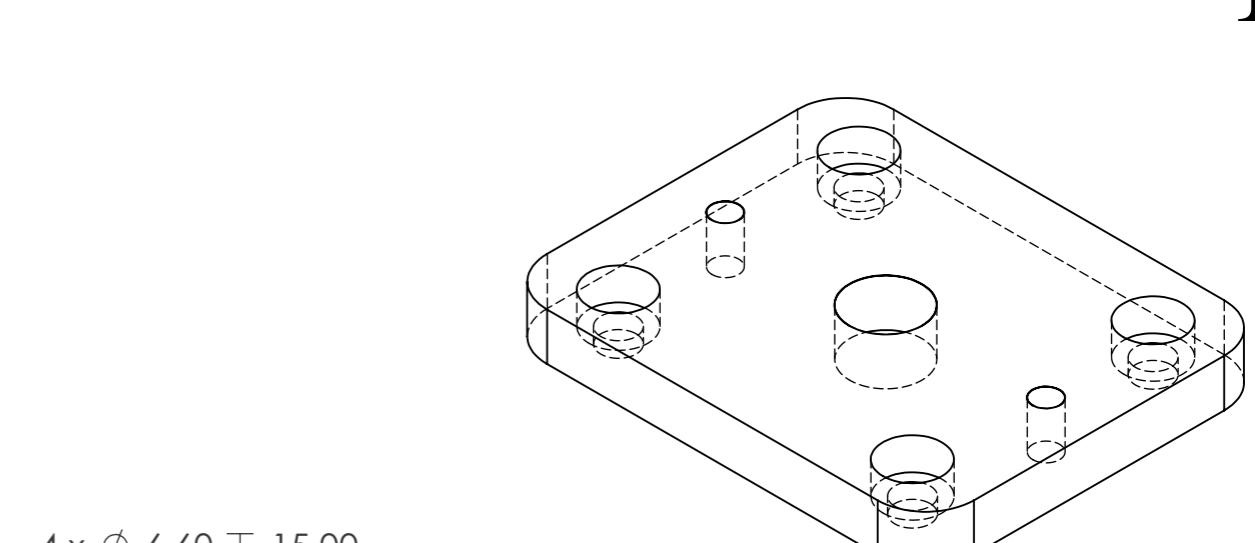
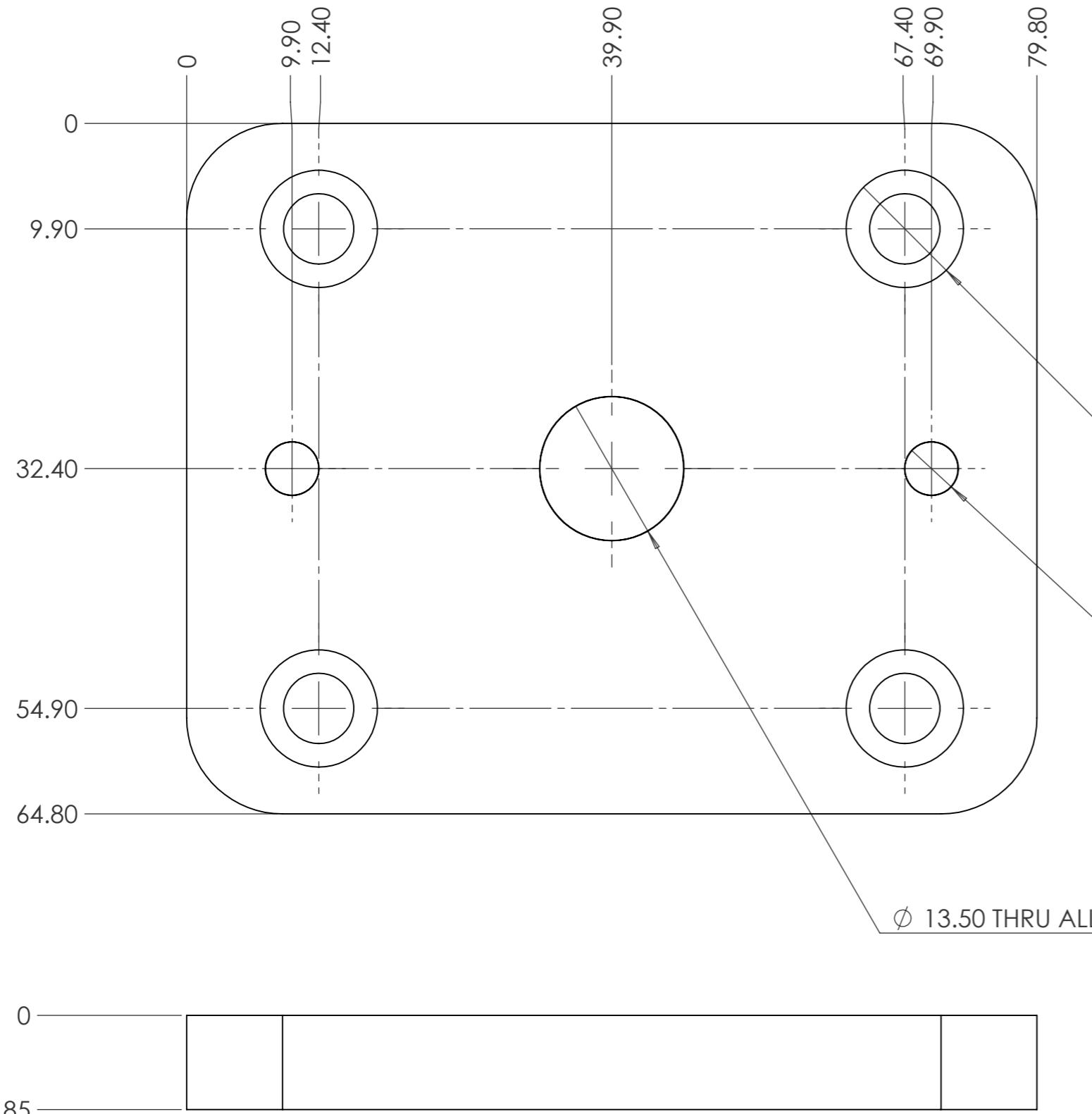


SWOBODA		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093			CAD SYSTEM SW
DRAWN LD	DATE (MM/DD/YY) 5/31/2022	ANGLE Ø 15.00 V 8.00	MATERIAL MIC 6	HEAT TREAT NO	
		ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED	SURFACE COATING	REV 0	
QTY: 1			PART NUMBER A40-1400-11-011-003 Base Right	PART NAME	
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	SHEET 1 OF 1	



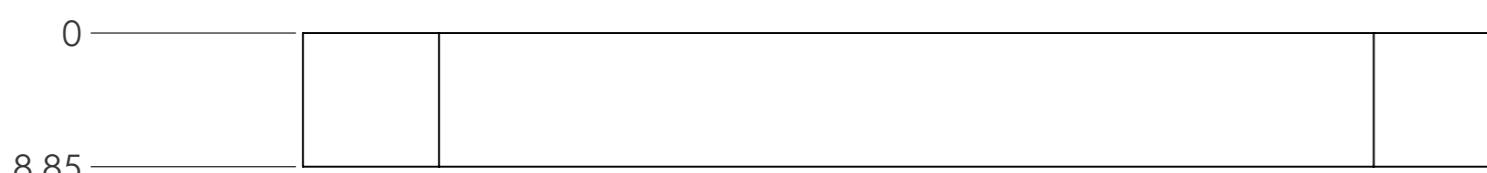
SECTION A

swoboda Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD ANGLE PROJECTION 	METRIC ALL DIMENSION IN MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
				GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM SW
DRAWN LAD	DATE (MM/DD/YY) 5/31/2022	MATERIAL MIC 6	HEAT TREAT NO			
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING NO			REV 0	
QTY: 1		PART NUMBER A40-1400-11-011-004 Base Mid	PART NAME			
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	SHEET 1 OF 1		

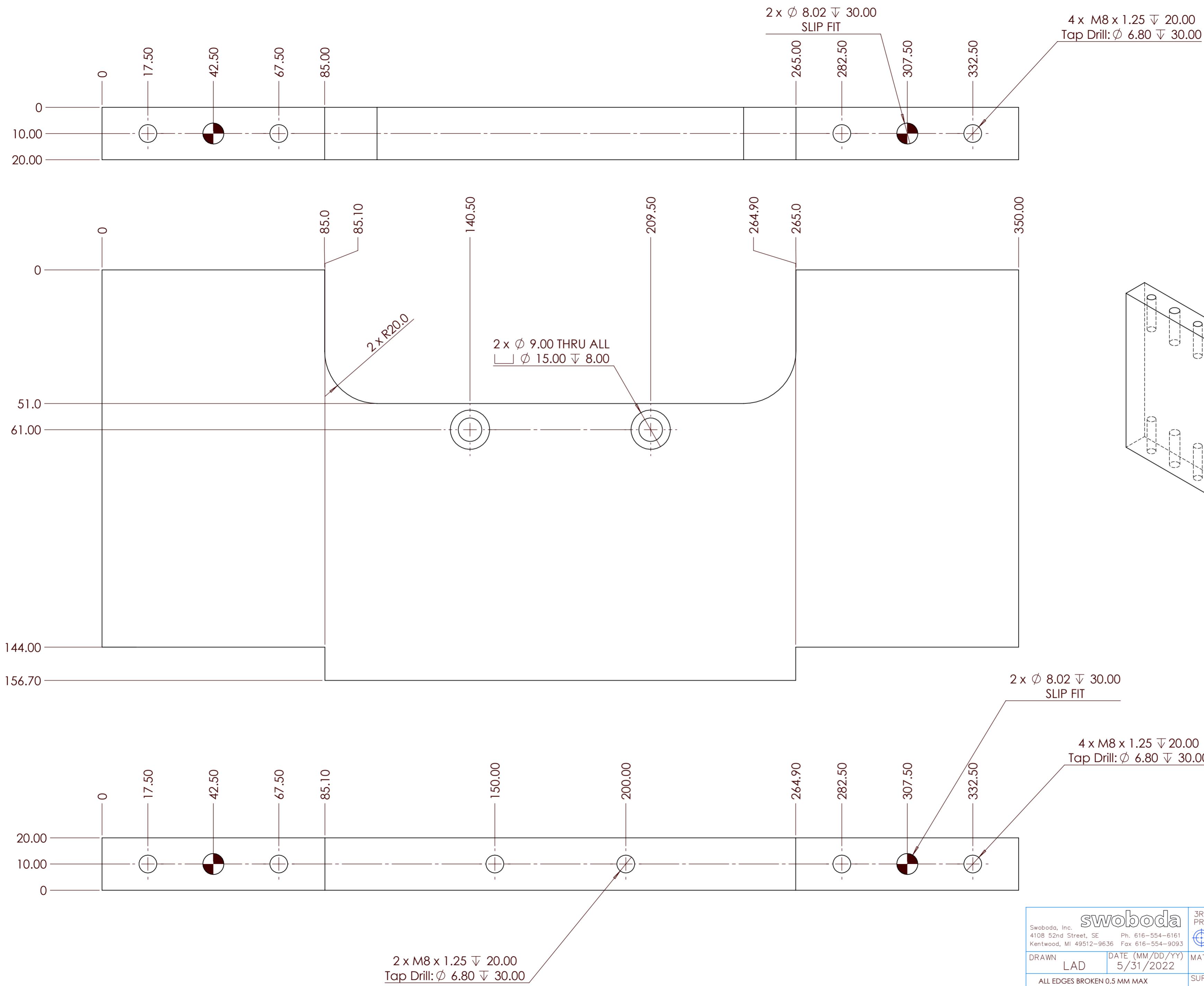


$4 \times \varnothing 6.60 \downarrow 15.00$   
 $\square \varnothing 11.00 \downarrow 6.00$

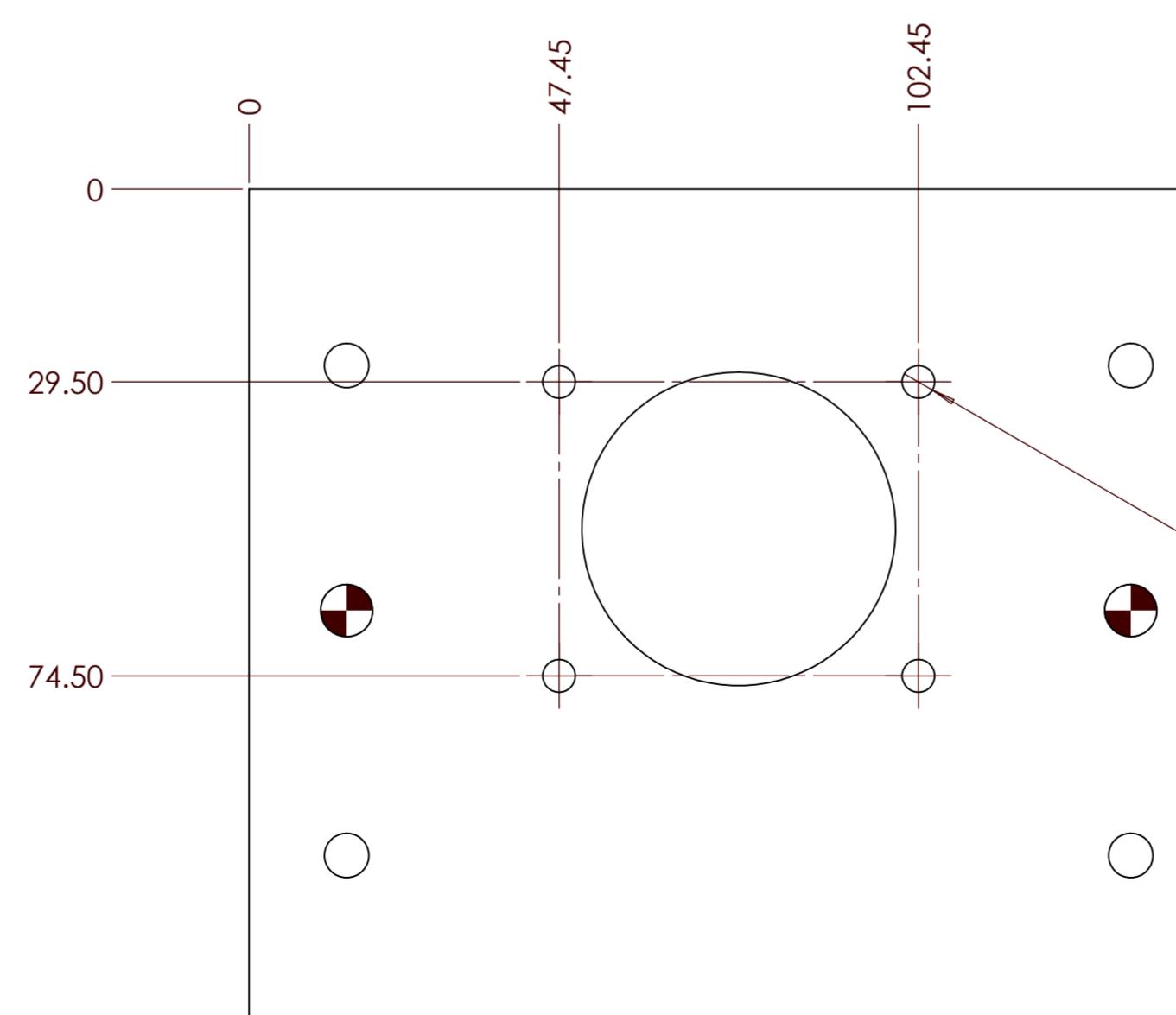
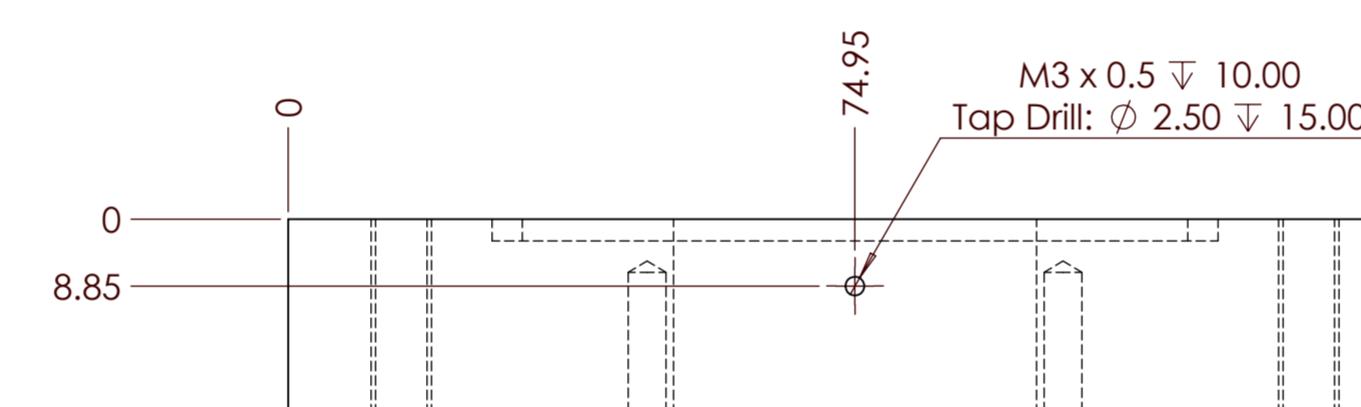
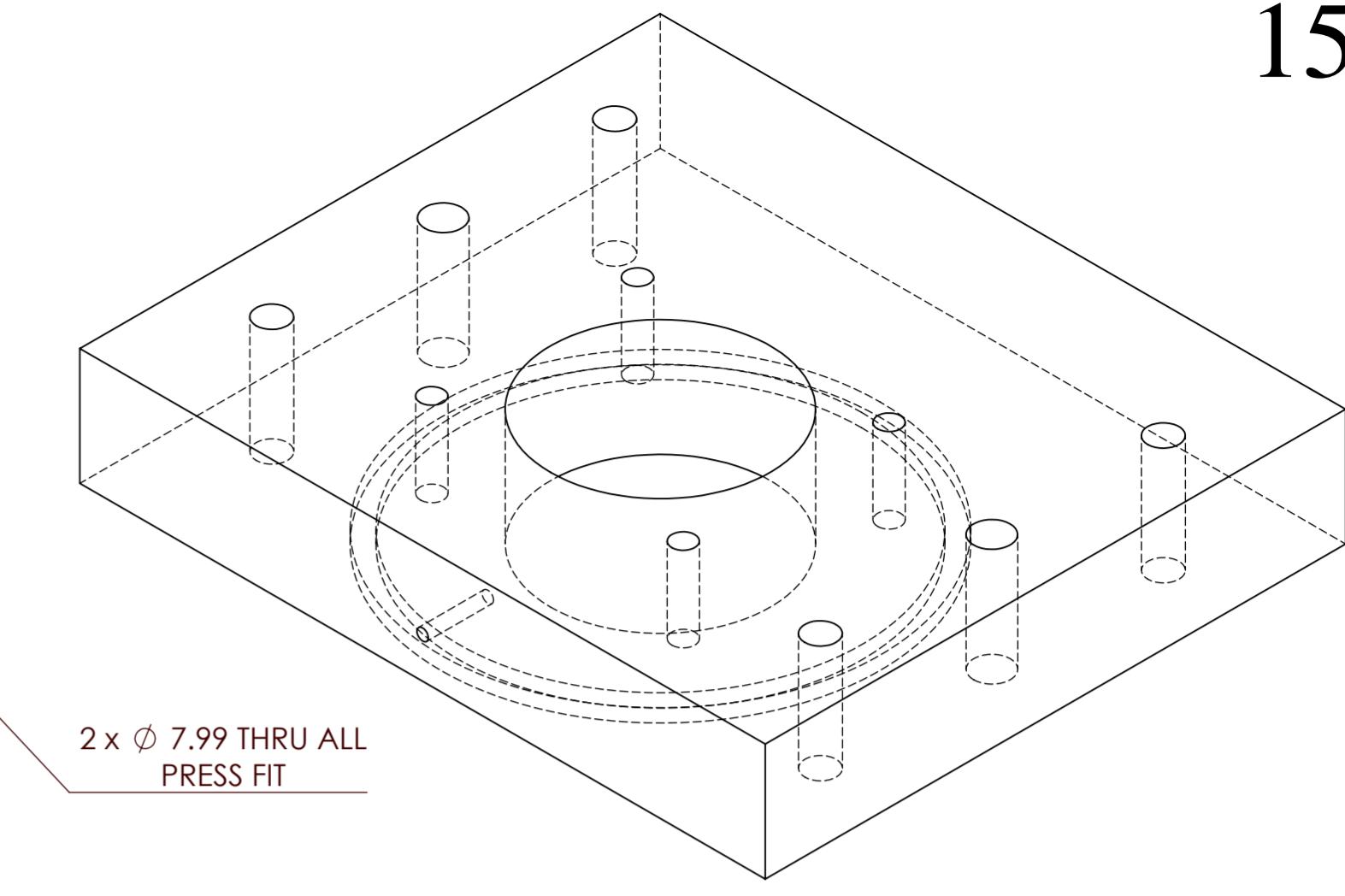
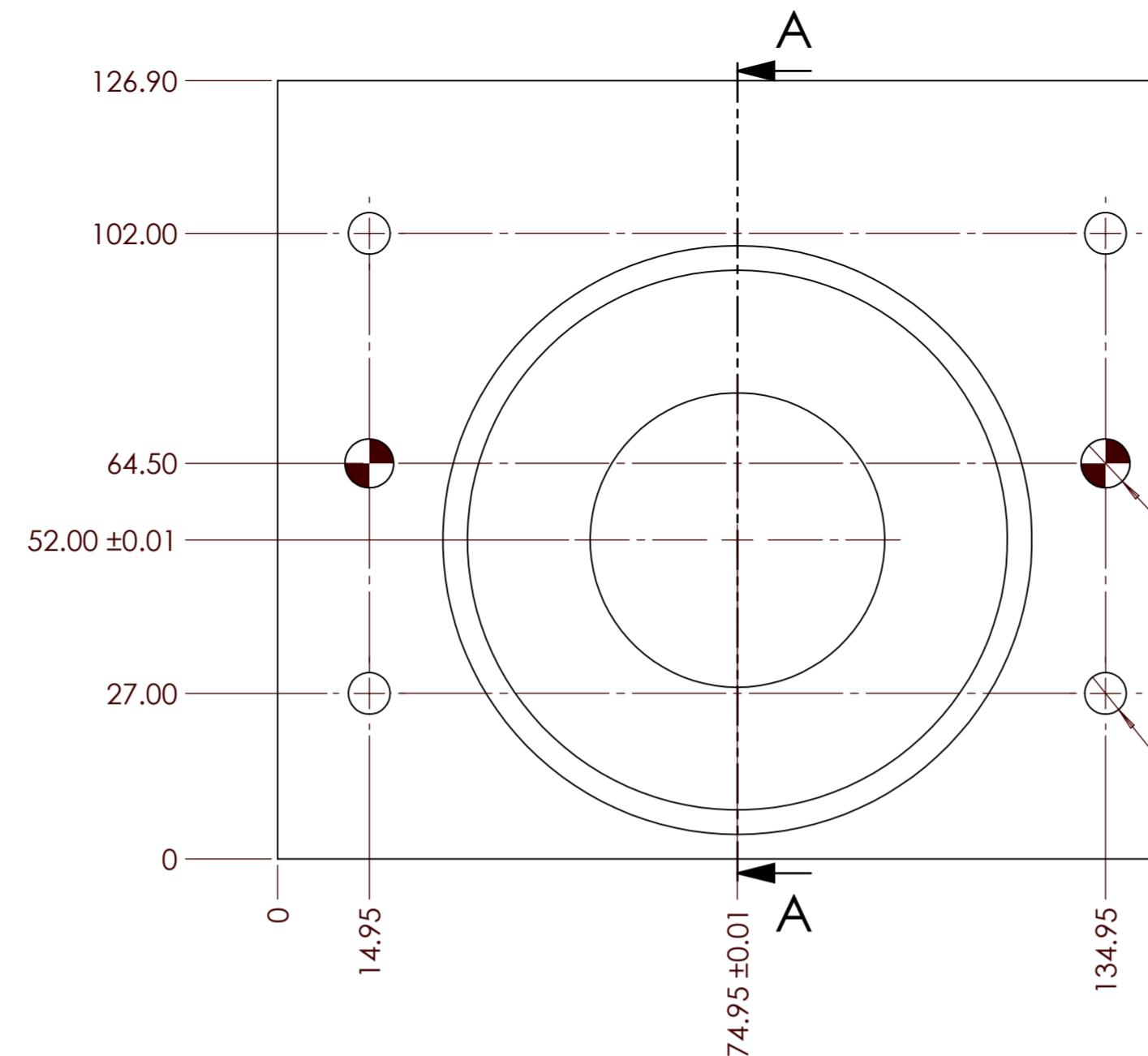
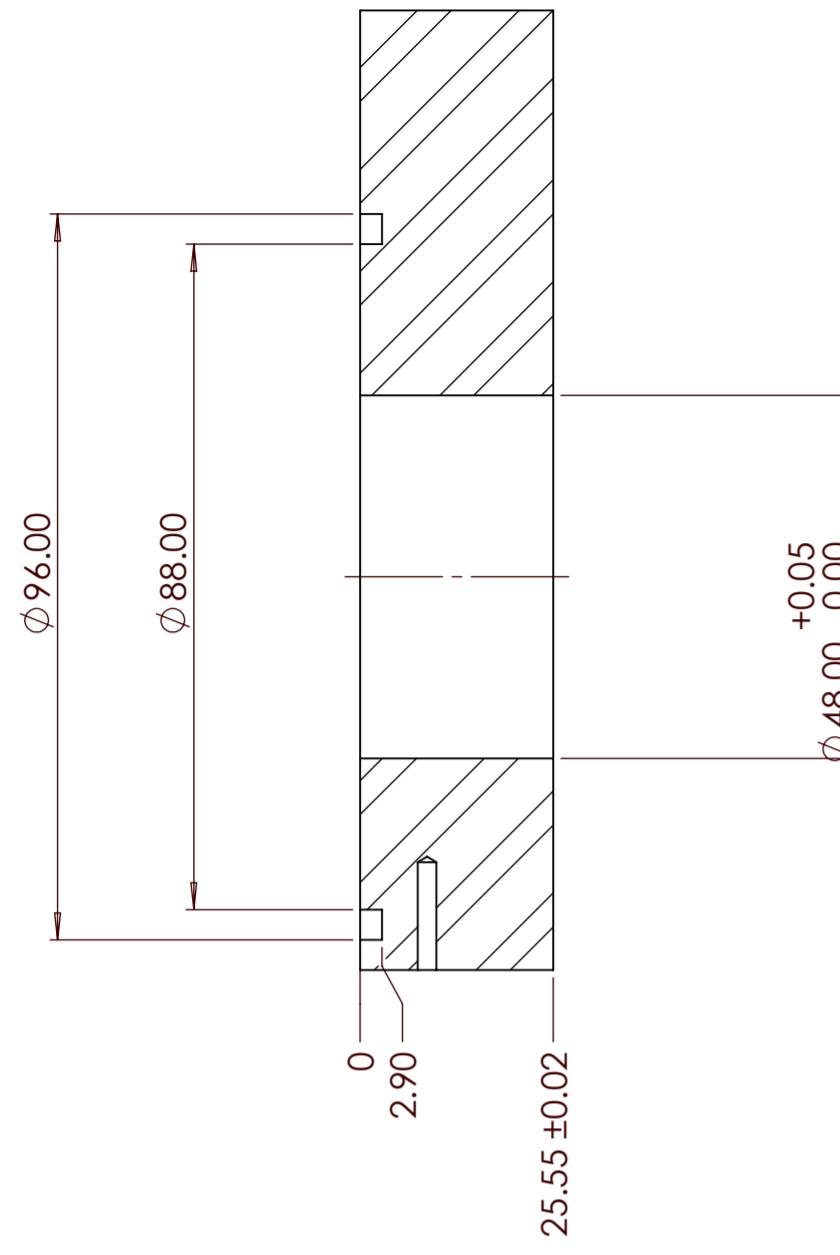
2 x M6 x 1.0 THRU ALL  
 Tap Drill:  $\varnothing 5.00$  THRU ALL



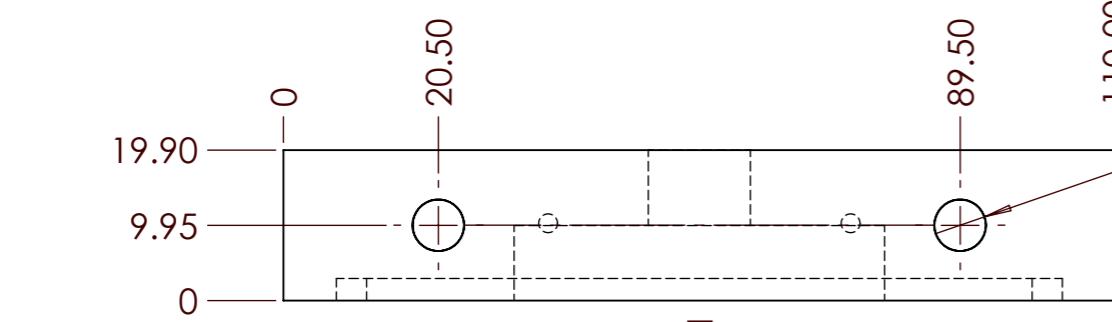
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: 1018 CRS	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: Black Oxide		REV: 0		
QTY: 1		PART NUMBER: A40-1400-11-011-005 Access Port		PART NAME:		
MOD:	VENDOR PART#:	N/A	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1	SIZE A3



swoboda Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		3RD ANGLE PROJECTION 	METRIC ALL DIMENSION IN MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
		GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°			CAD SYSTEM SW
DRAWN LAD	DATE (MM/DD/YY) 5/31/2022	MATERIAL Aluminum	HEAT TREAT NO		
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING NO			REV 0
QTY: 1		PART NUMBER A40-1400-11-011-006 Base Upright			PART NAME
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	SHEET 1 OF 1	

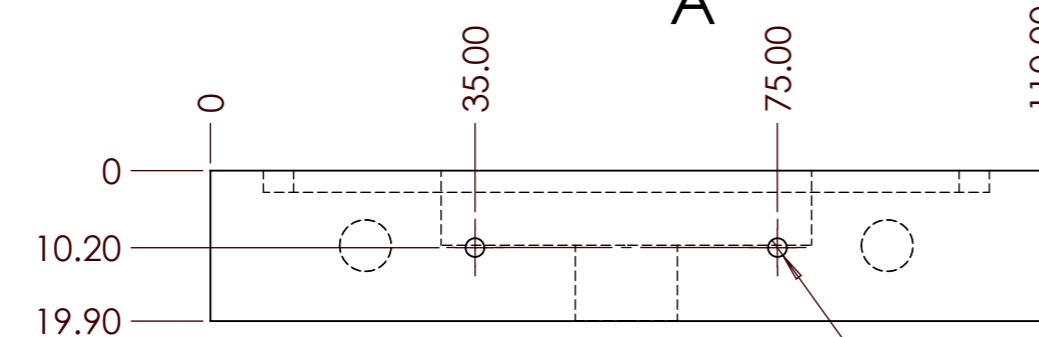
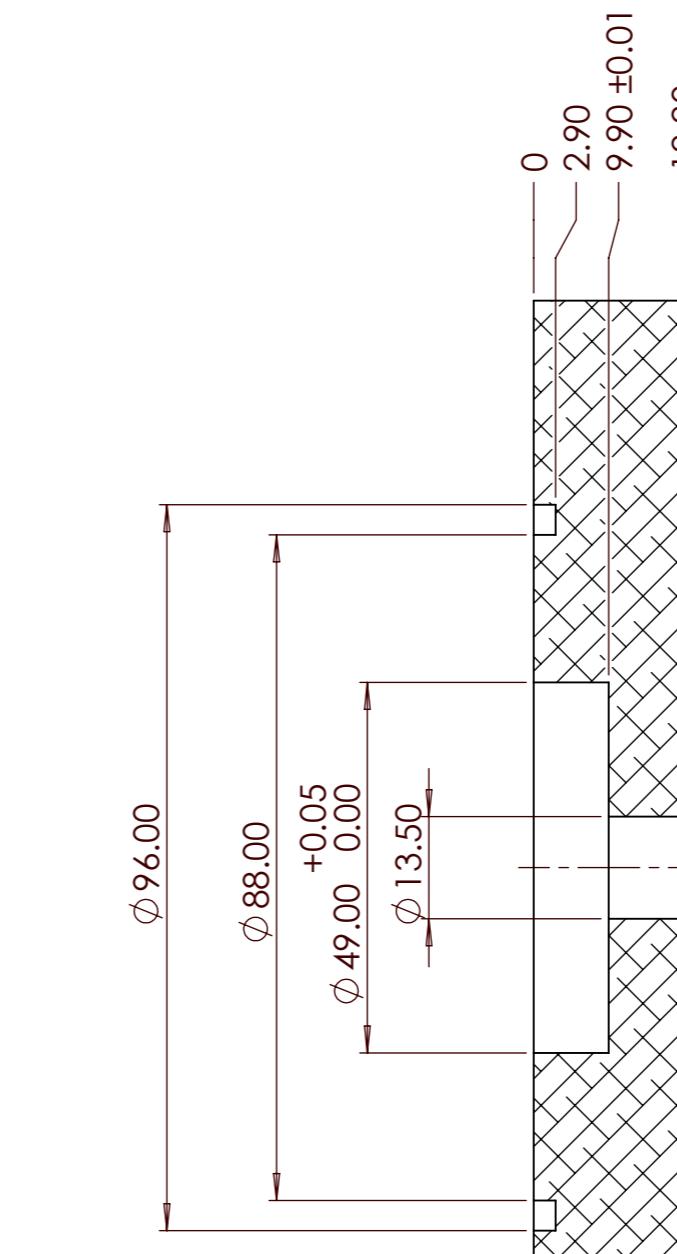
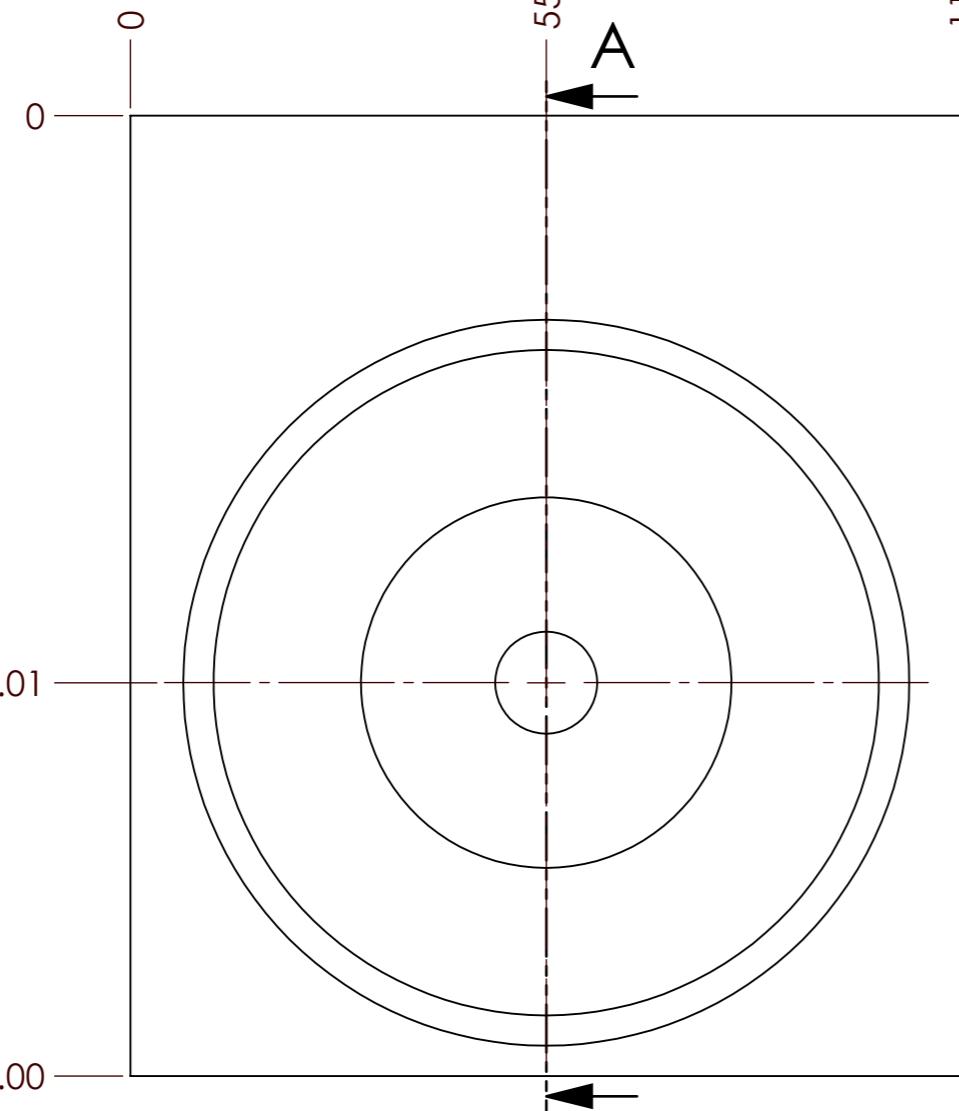


Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD ANGLE PROJECTION	METRIC ALL DIMENSION IN MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER		
DRAWN LAD		DATE (MM/DD/YY) 5/31/2022	MATERIAL A2 Tool Steel	HEAT TREAT NO	GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°			
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING Black Oxide	REV 0					
QTY: 1		PART NUMBER A40-1400-11-011-007 Shear Top	PART NAME					
MOD N	VENDOR PART# N/A	DO NOT SCALE SCALE 1:1	SIZE A2	SHEET 1 OF 1				



**A**

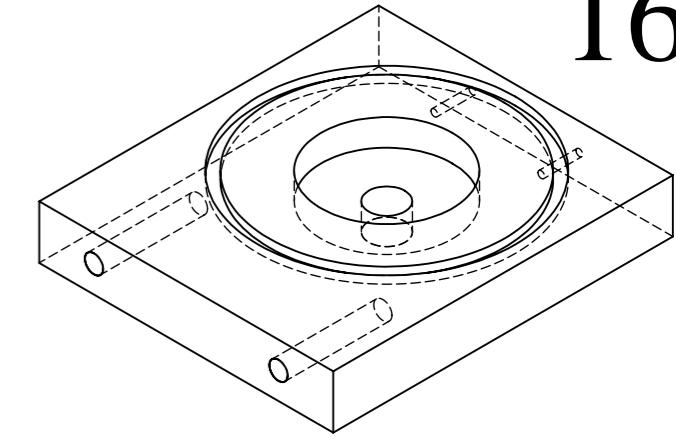
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Tap Drill:  $\phi$  6.80 ↓ 39.00

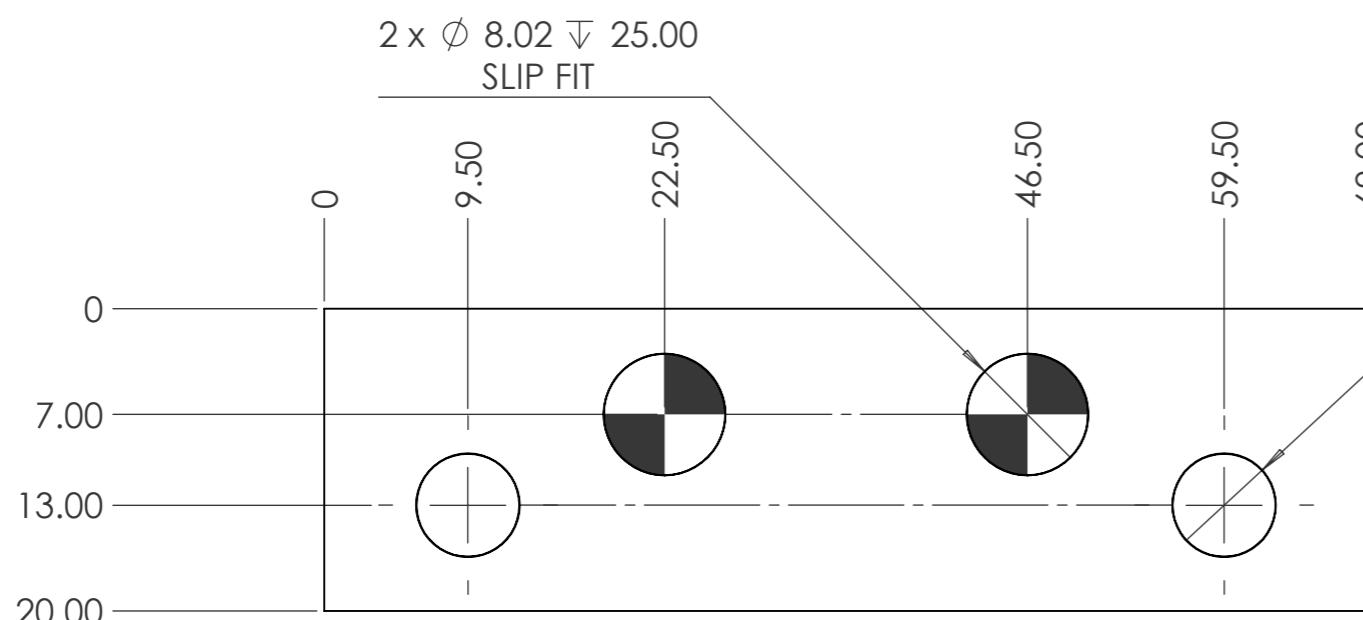
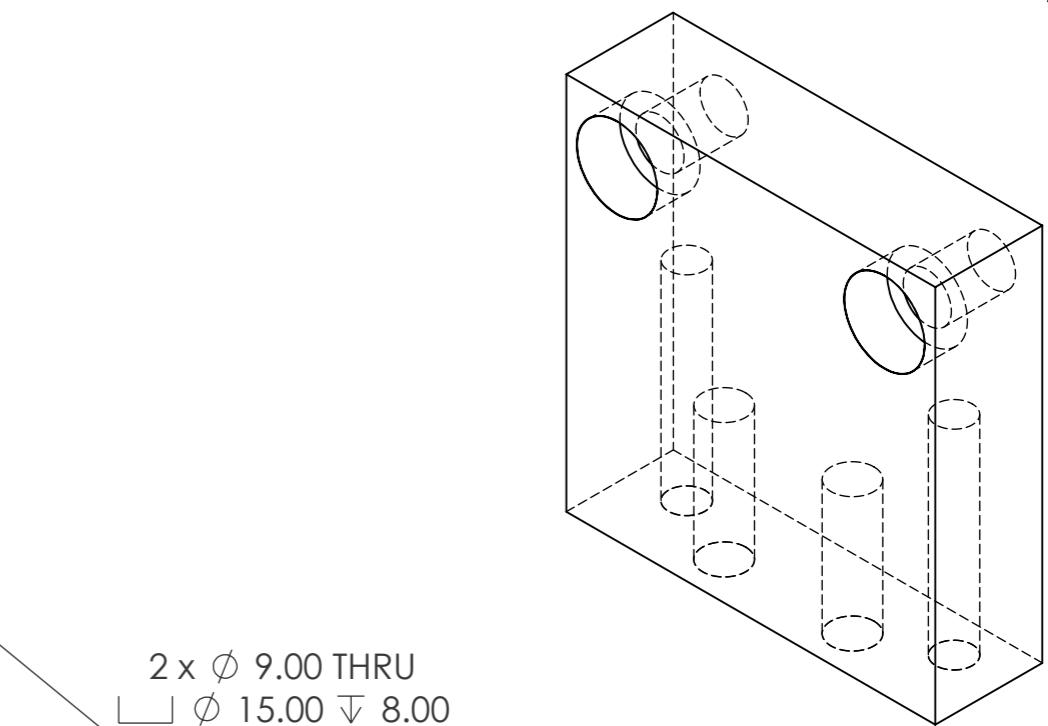
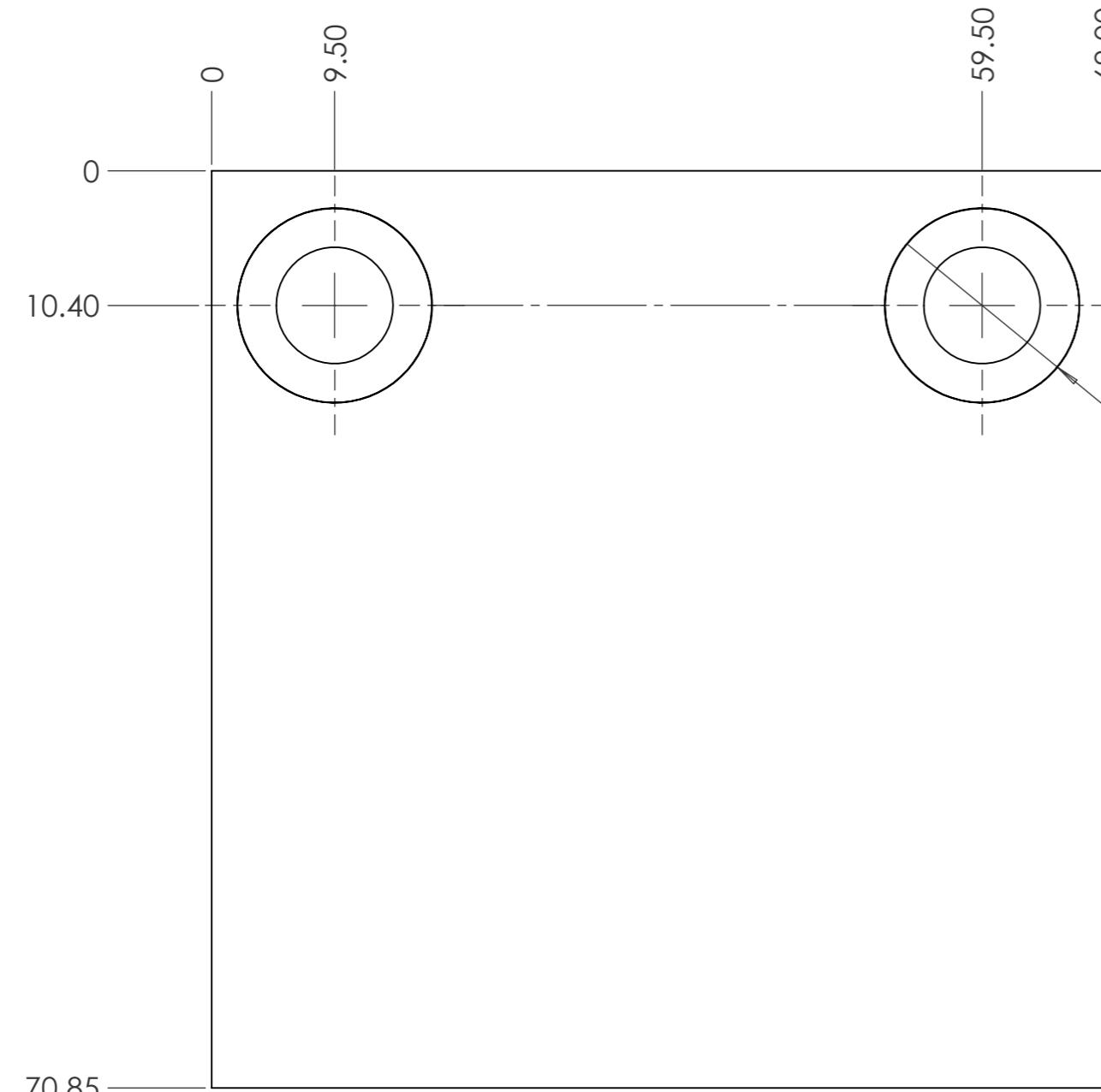


2 x M3 x 0.5 ↓ 10.00  
Tap Drill:  $\phi$  2.50 ↓ 15.00

## SECTION A-A

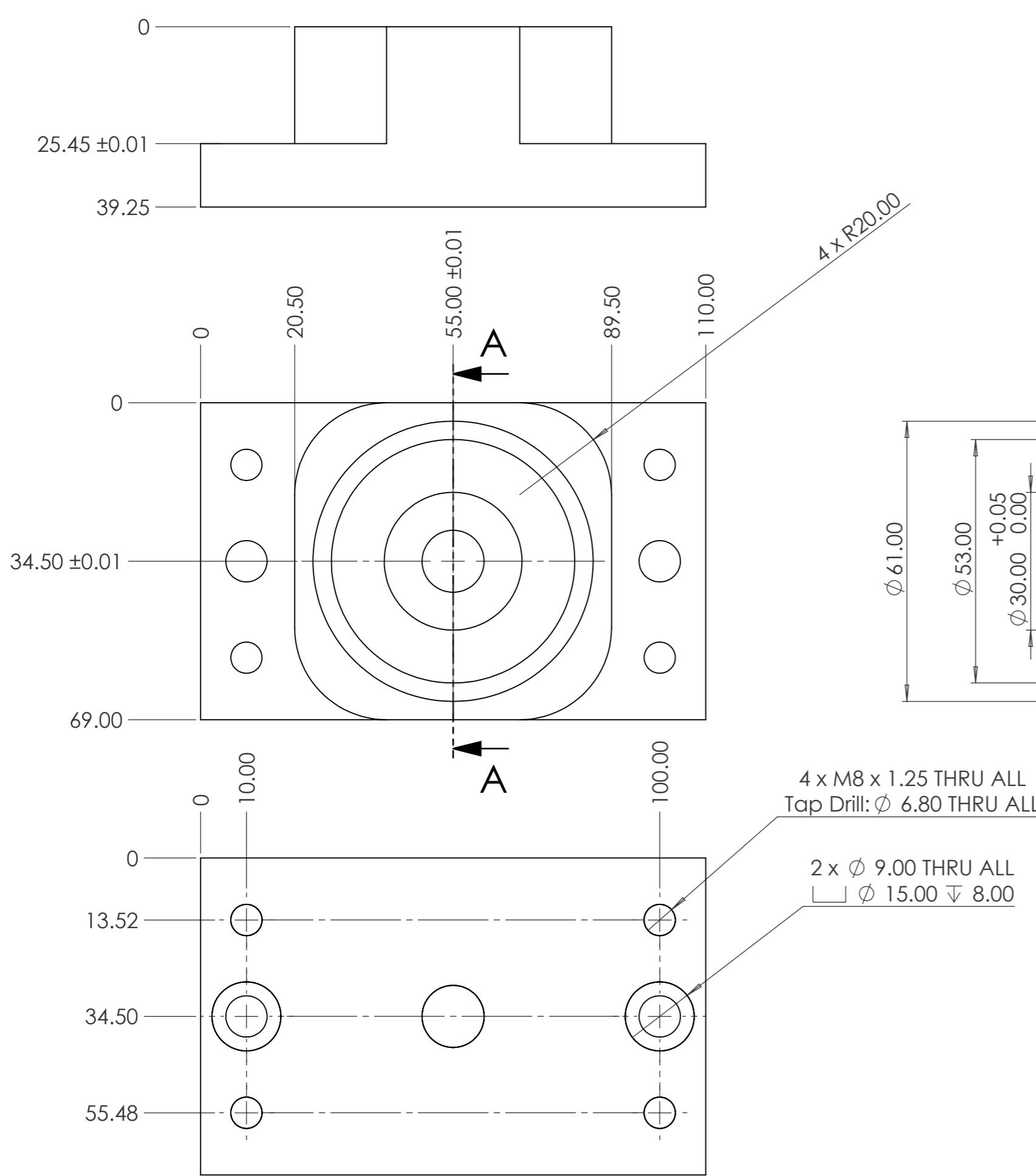
<b>swoboda</b>		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER CAD SYSTEM: SW
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		
DRAWN:	LD	DATE (MM/DD/YY)	A2 Tool Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM
		5/31/2022		SURFACE COATING:	Black Oxide
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		QTY:	1	PART NUMBER:	A40-1400-11-011-008 Shear Bottom
MOD:	N	VENDOR PART#:	N/A	DO NOT SCALE	SCALE: 1:1
					SHEET: 1 OF 1
SIZE A3					





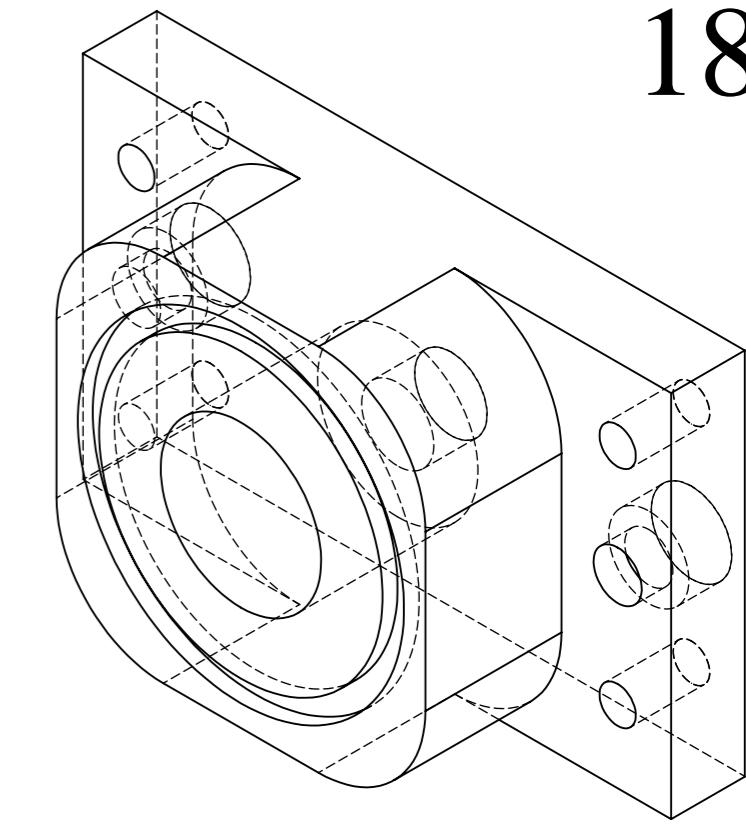
2 x M8 x 1.25 ⊥ 30.00  
Tap Drill: Ø 6.80 ⊥ 39.00

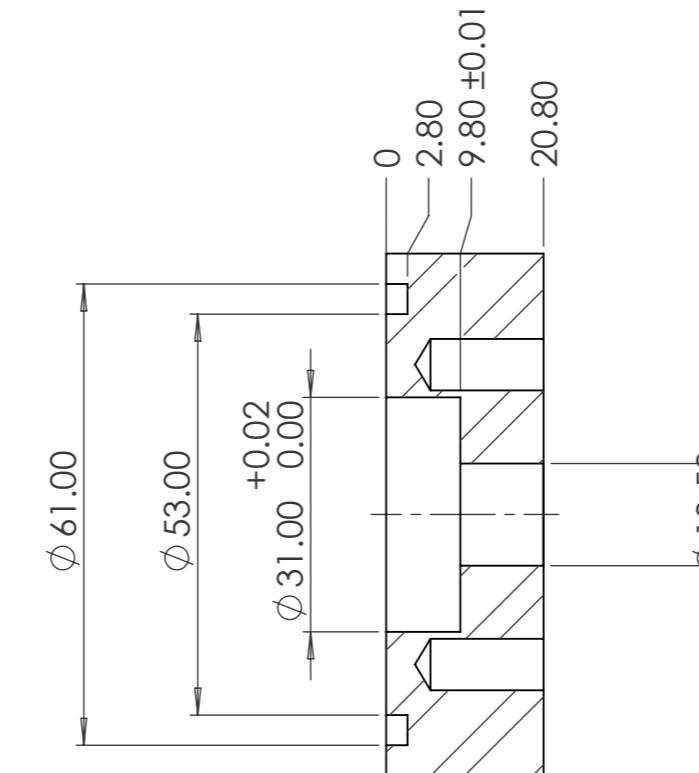
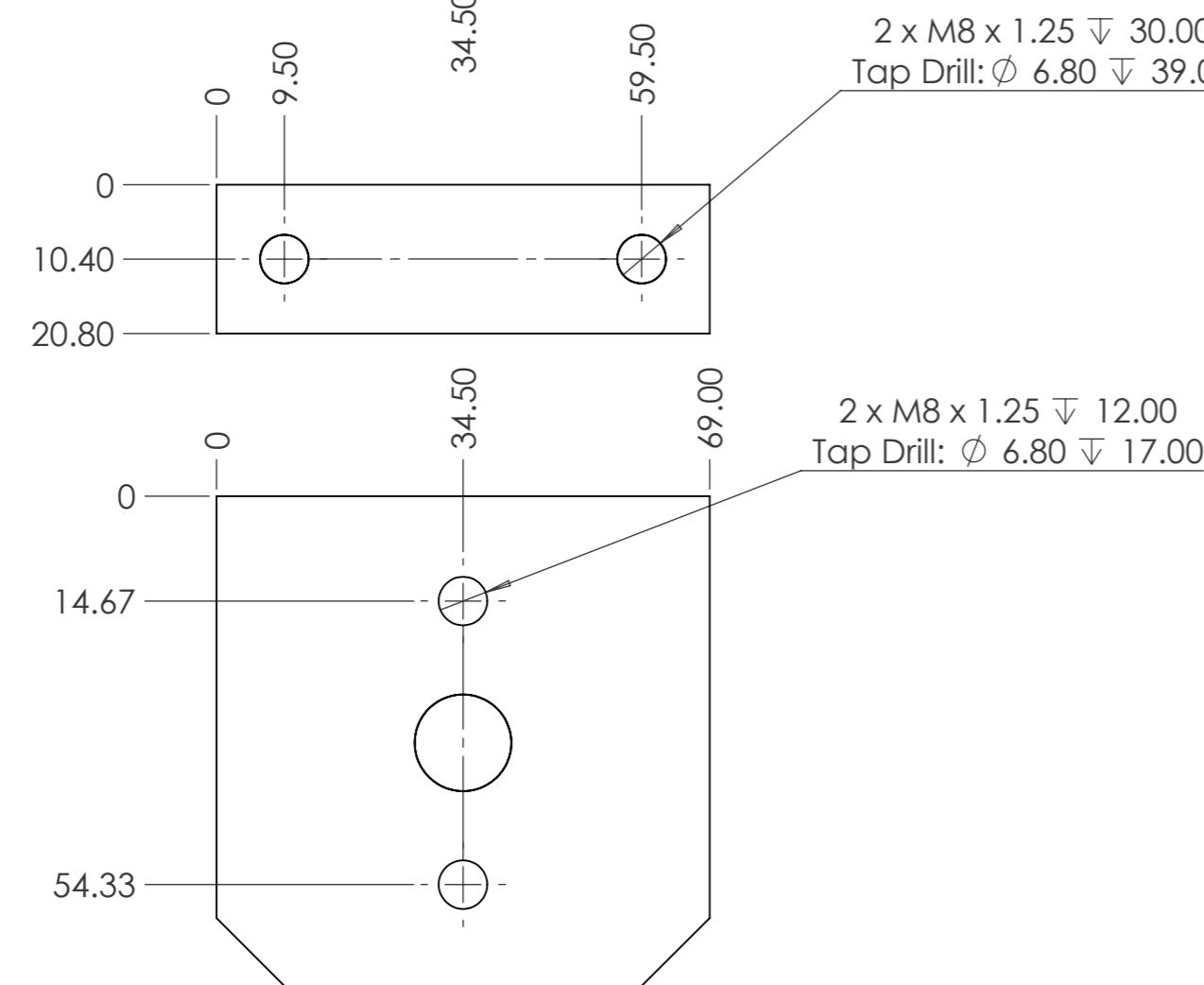
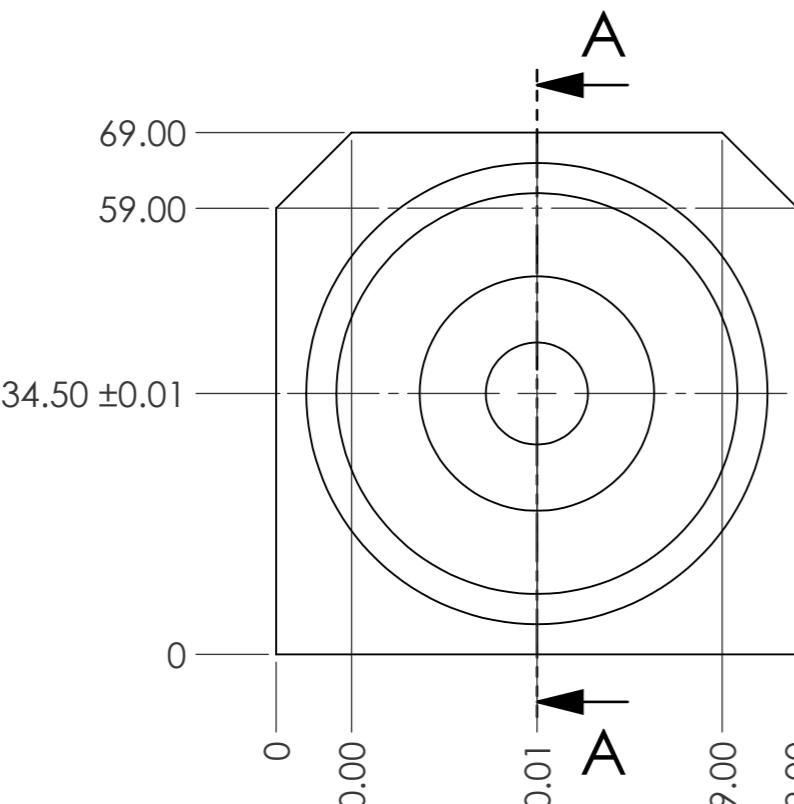
Swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY)	ALUMINUM	HEAT TREAT:	ALL DIMENSIONS IN MM
		5/31/2022		NO	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING:	NO		
QTY: 2		PART NUMBER:	A40-1400-11-011-009 Tert Upright		
MOD:	VENDOR PART#:	N/A	DO NOT SCALE	SCALE: 2:1	SIZE: 1 OF 1



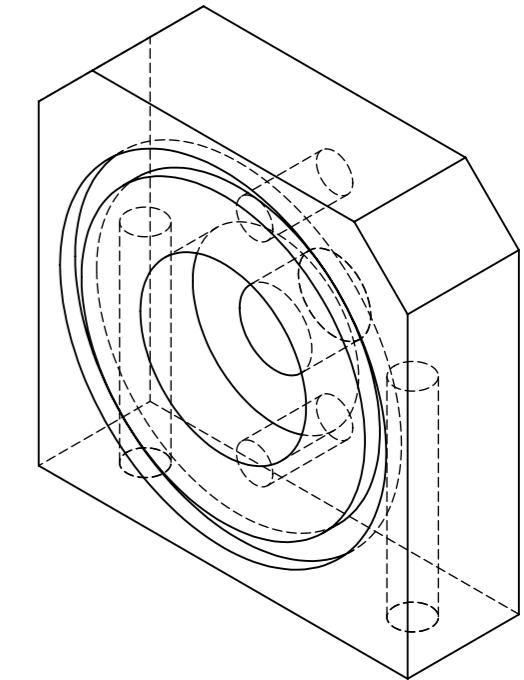
SECTION A-A

Swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER CAD SYSTEM: SW
4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		
DRAWN: LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: ALUMINUM	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0		
QTY: 2		PART NUMBER: A40-1400-11-011-010 Tert Top	PART NAME:		
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1	SIZE A3

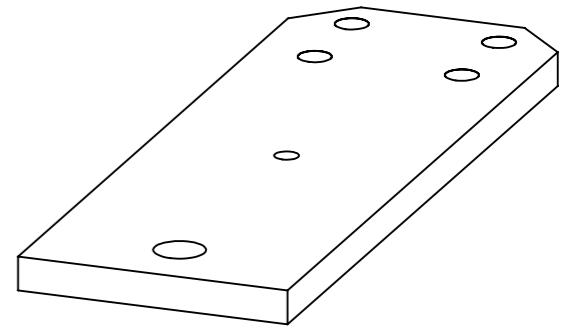
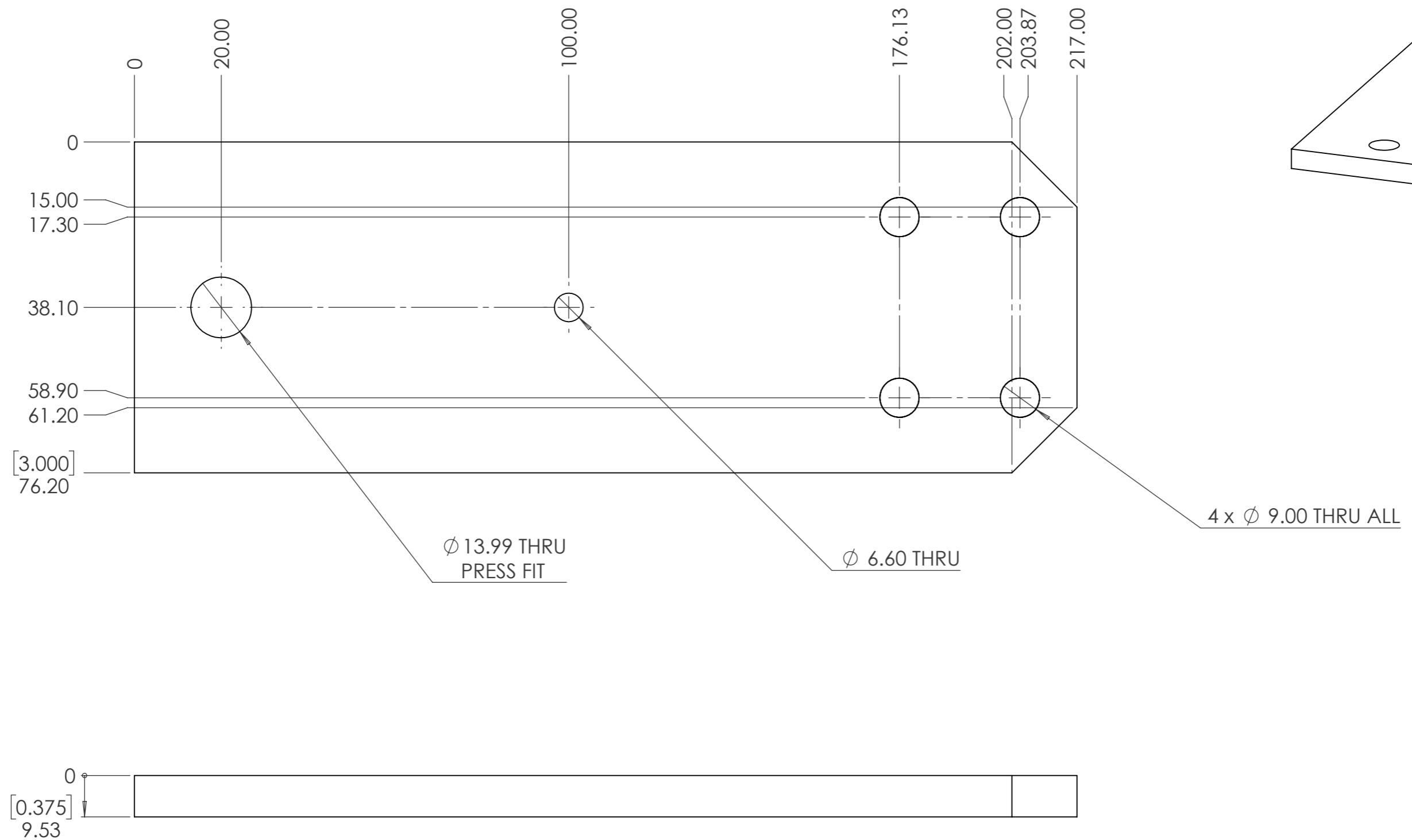




SECTION A-A

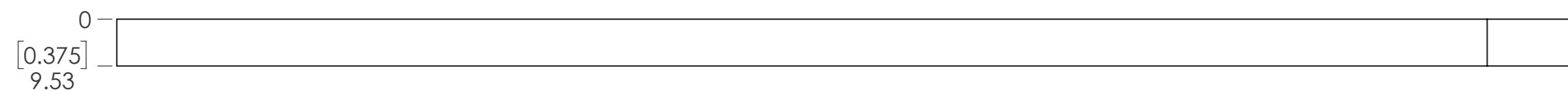
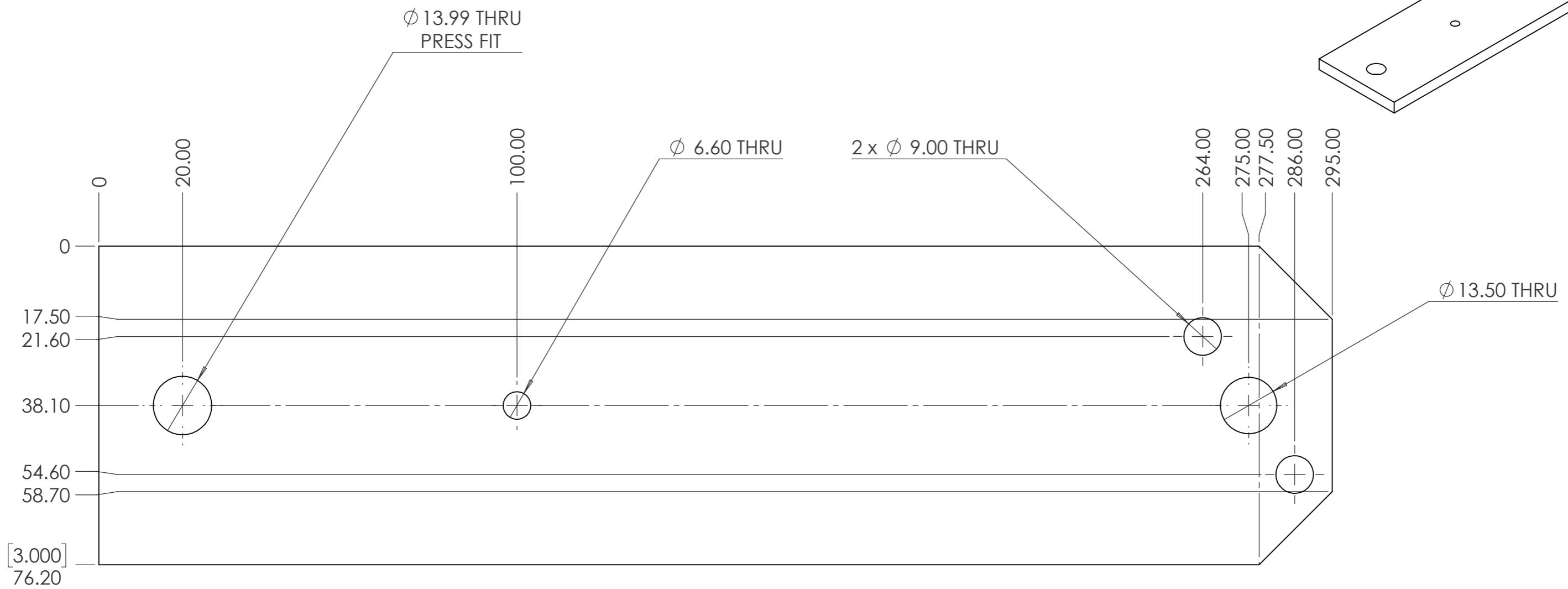


swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER CAD SYSTEM: SW
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		
DRAWN: LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: ALUMINUM	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0		
QTY: 2		PART NUMBER: A40-1400-11-011-011 Tert Bottom	PART NAME:		
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1	SIZE A3

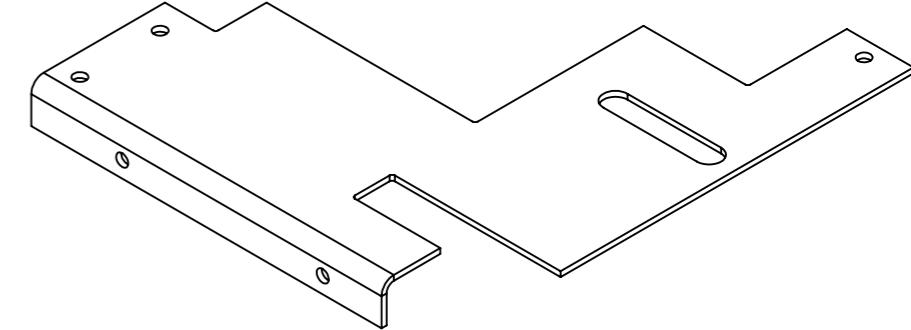
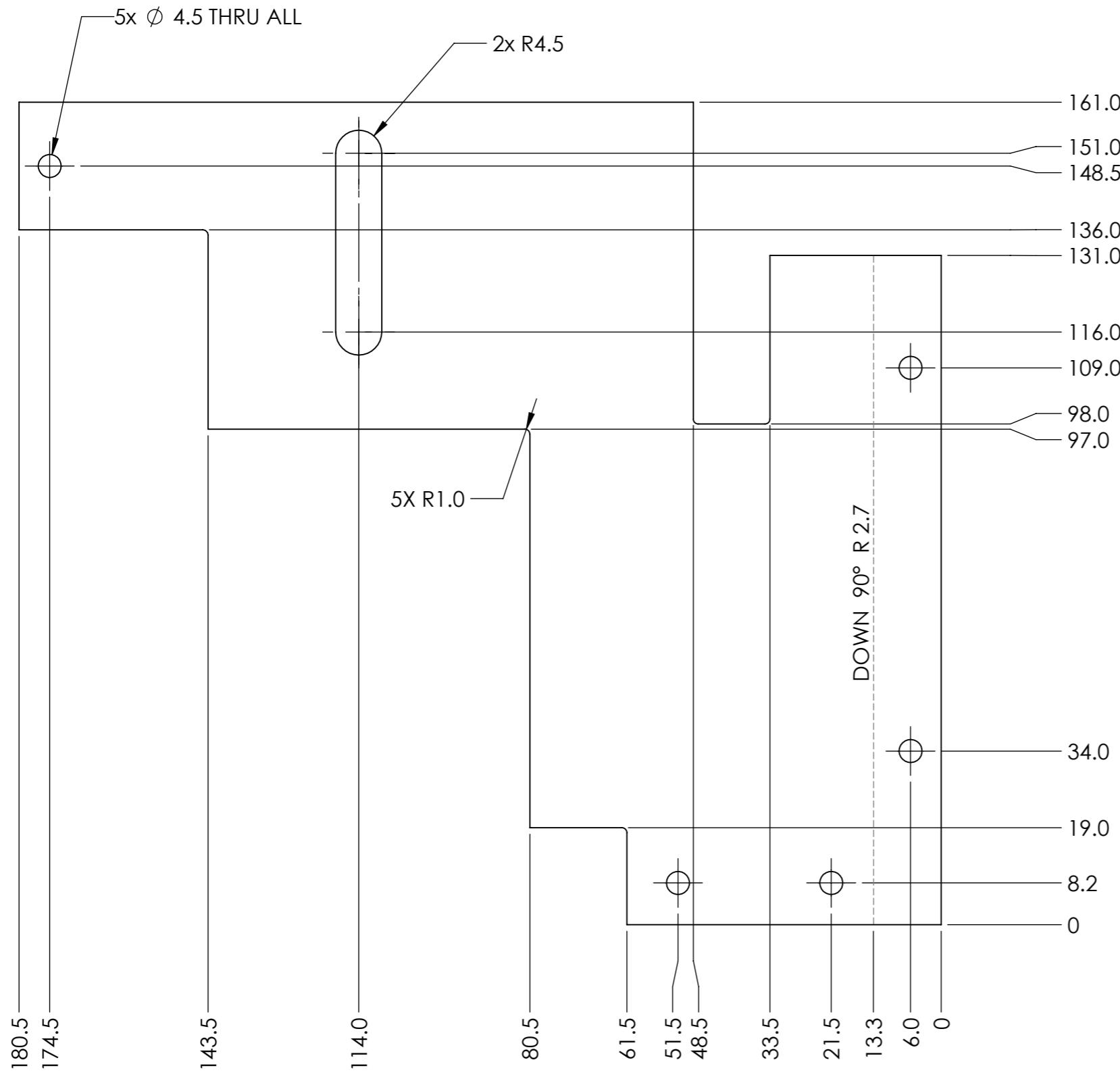


Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: 1018 CRS	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: Black Oxide		REV: 0		
QTY: 2		PART NUMBER: A40-1400-11-011-012 Cyl. Top		PART NAME: A40-1400-11-011-012 Cyl. Top		
MOD:	VENDOR PART#:	N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1	SIZE A3

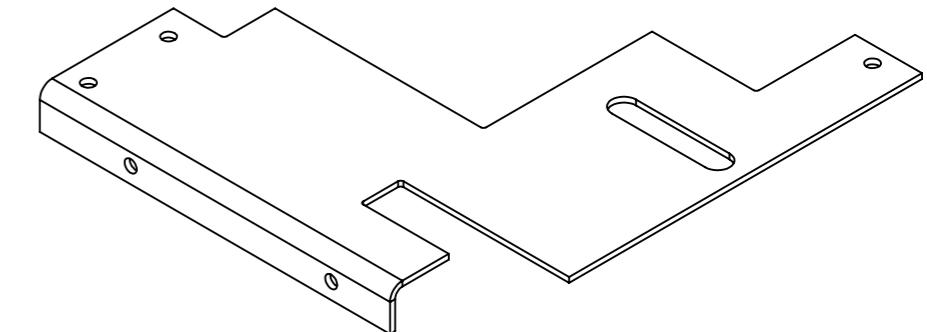
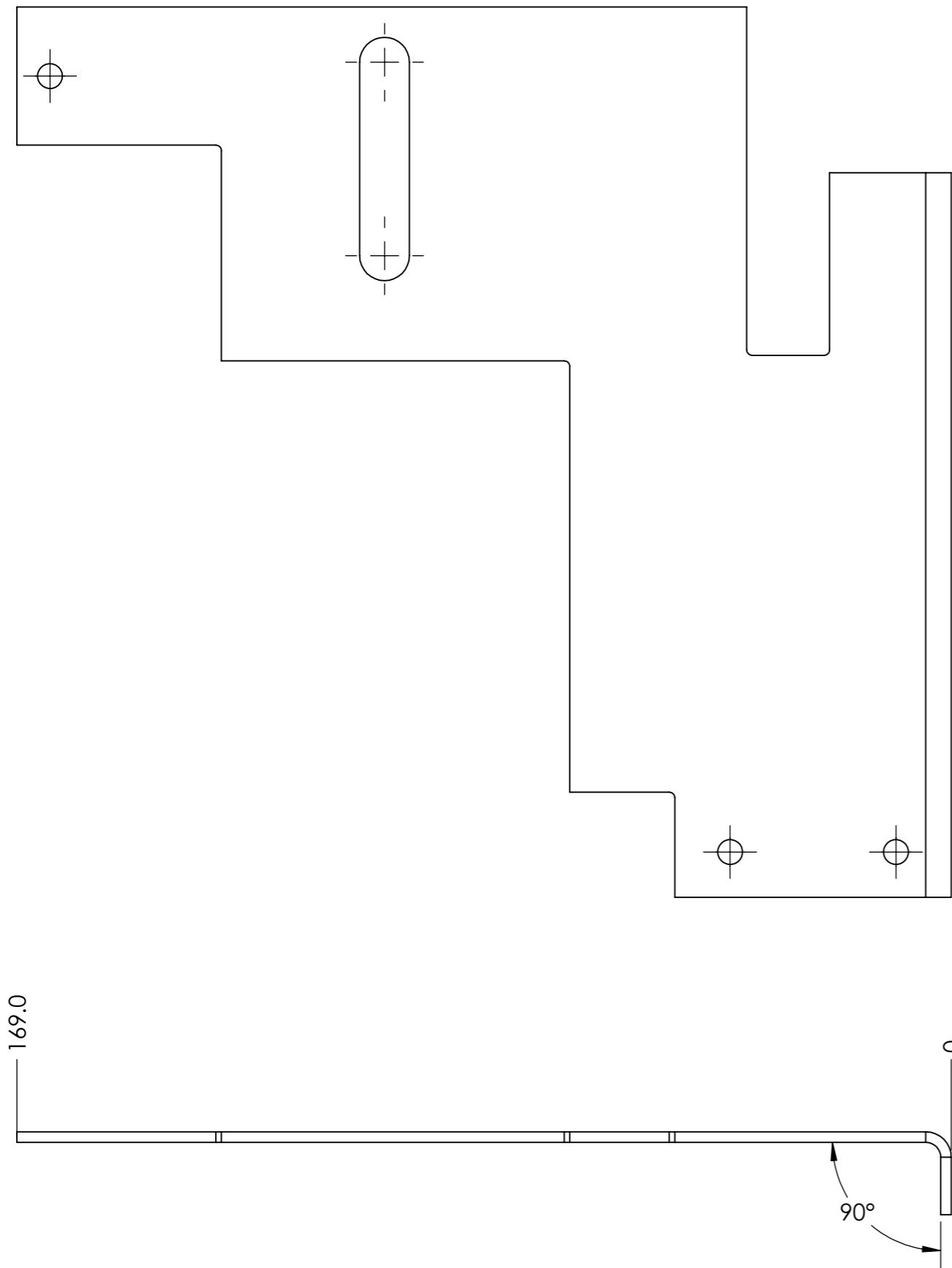
21



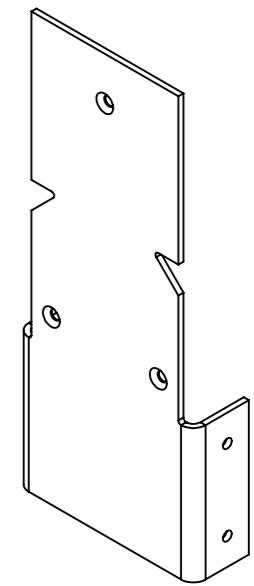
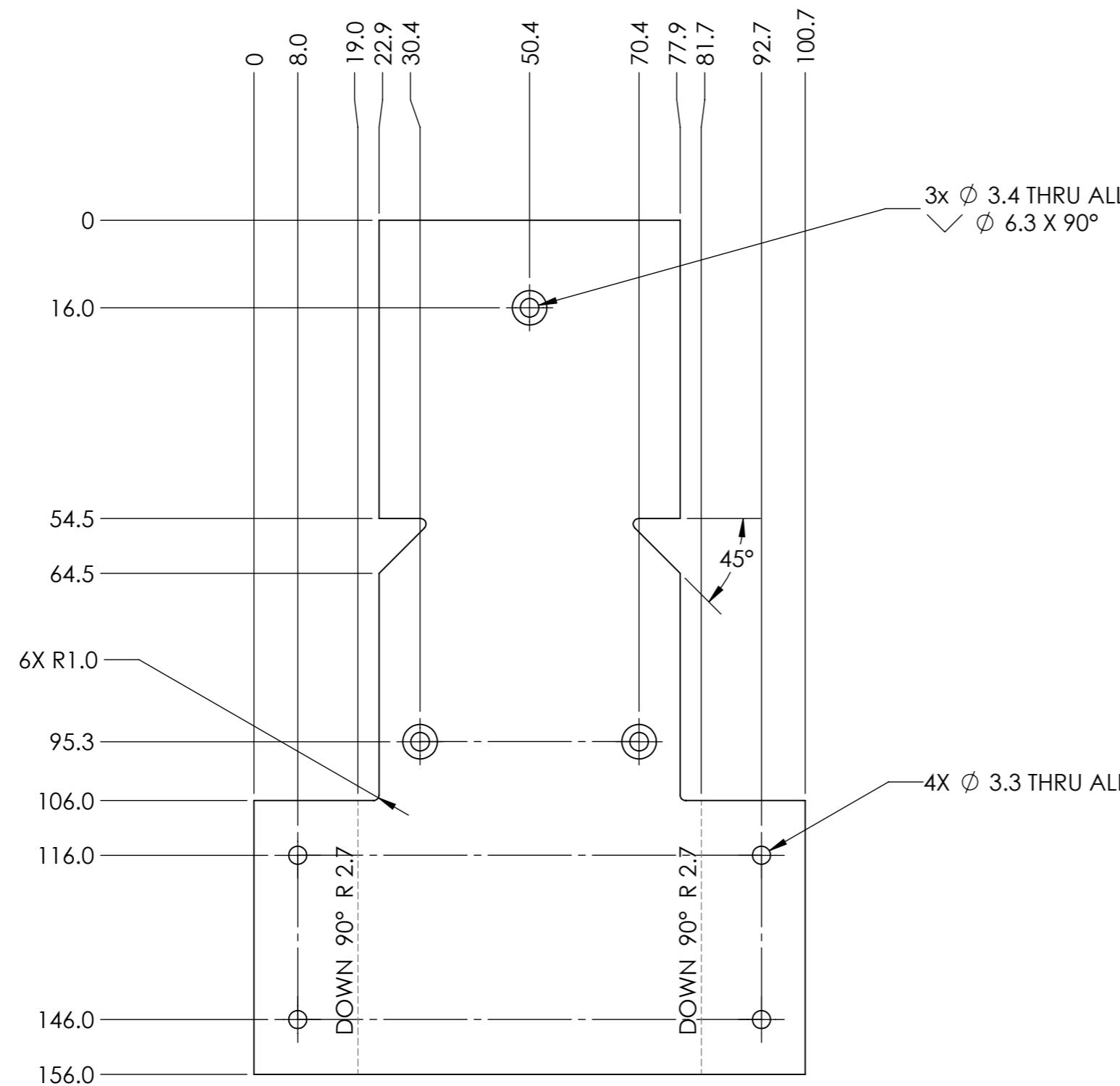
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection 	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW
DRAWN: LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL:	1018 CRS	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING:	Black Oxide			REV: 0
QTY: 2		PART NUMBER: A40-1400-11-011-013 Cyl. Bottom		PART NAME:		
MOD: N	VENDOR PART#: N/A	DO NOT SCALE		SCALE: 1:1	SHEET: 1 OF 1	



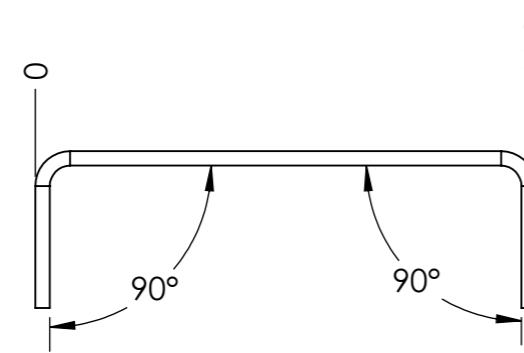
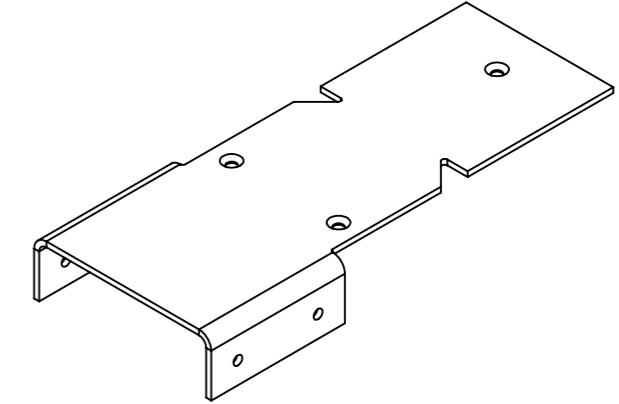
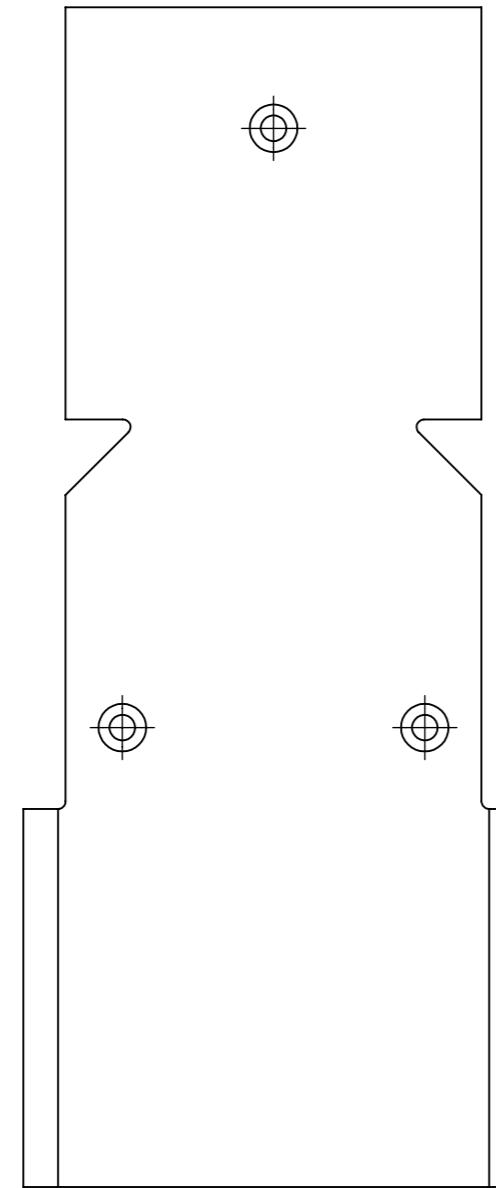
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW	
DRAWN:	DATE (MM/DD/YY)	CRK	6/2/2022	MATERIAL: 14 Gauge Stainless Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO		REV: 0		
QTY: 1		PART NUMBER: A40-1400-11-011-014 Shroud Right		PART NAME:		
MOD:	VENDOR PART#:	N	N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 2
						SIZE A3



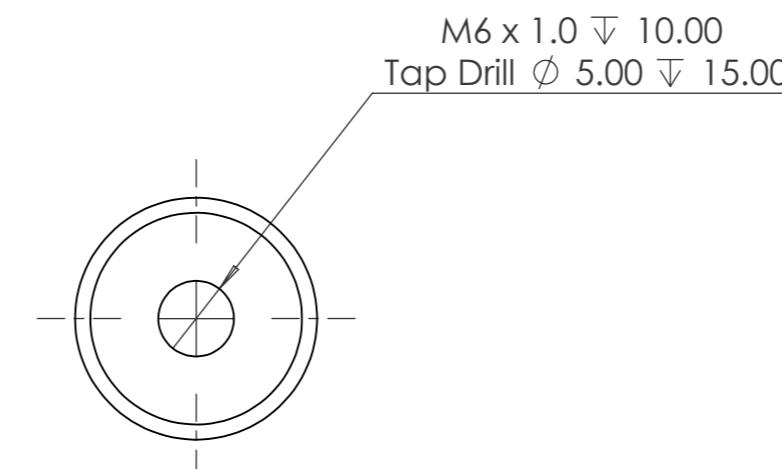
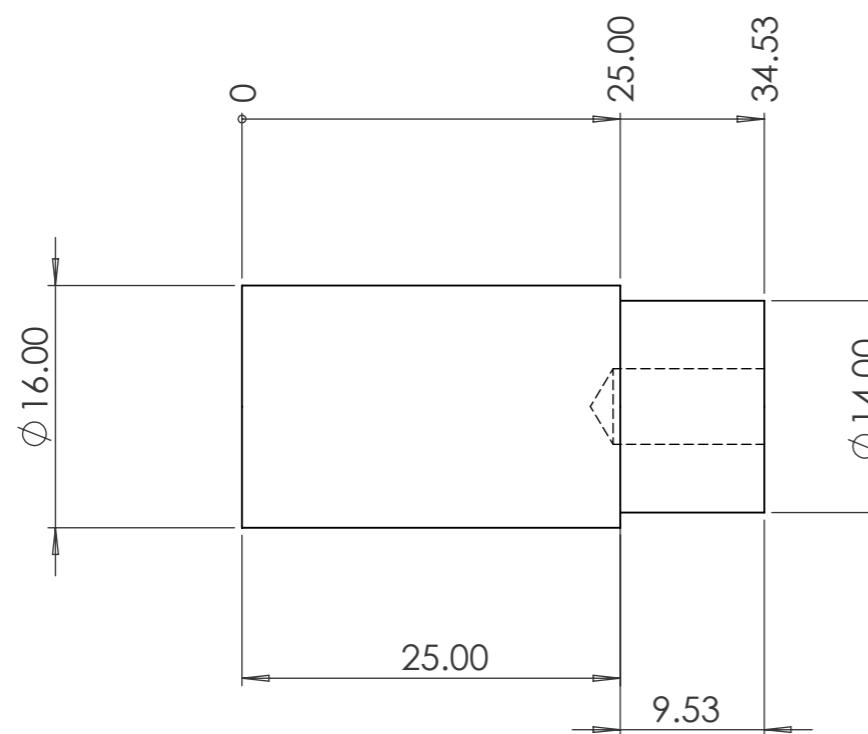
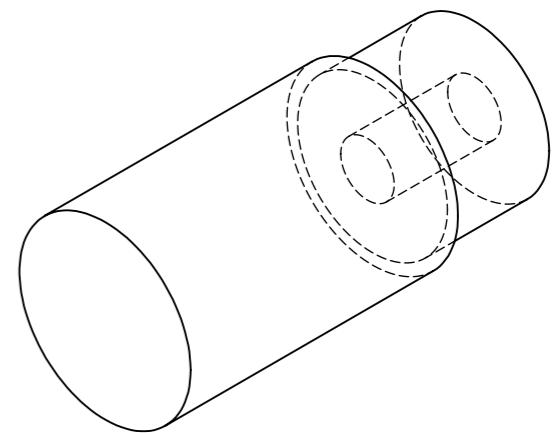
Swoboda, Inc.		<b>swoboda</b>	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW	
DRAWN:	CRK	DATE (MM/DD/YY)	14 Gauge Stainless Steel	HEAT TREAT:	ALL DIMENSIONS IN MM	
		6/2/2022	SURFACE COATING:	NO		REV: 0
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		PART NUMBER: A40-1400-11-011-014 Shroud Right		PART NAME:		
QTY:	1	MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 2 OF 2
						SIZE: A3



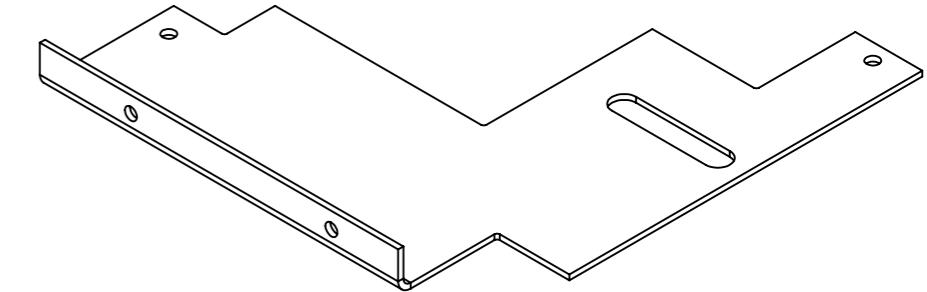
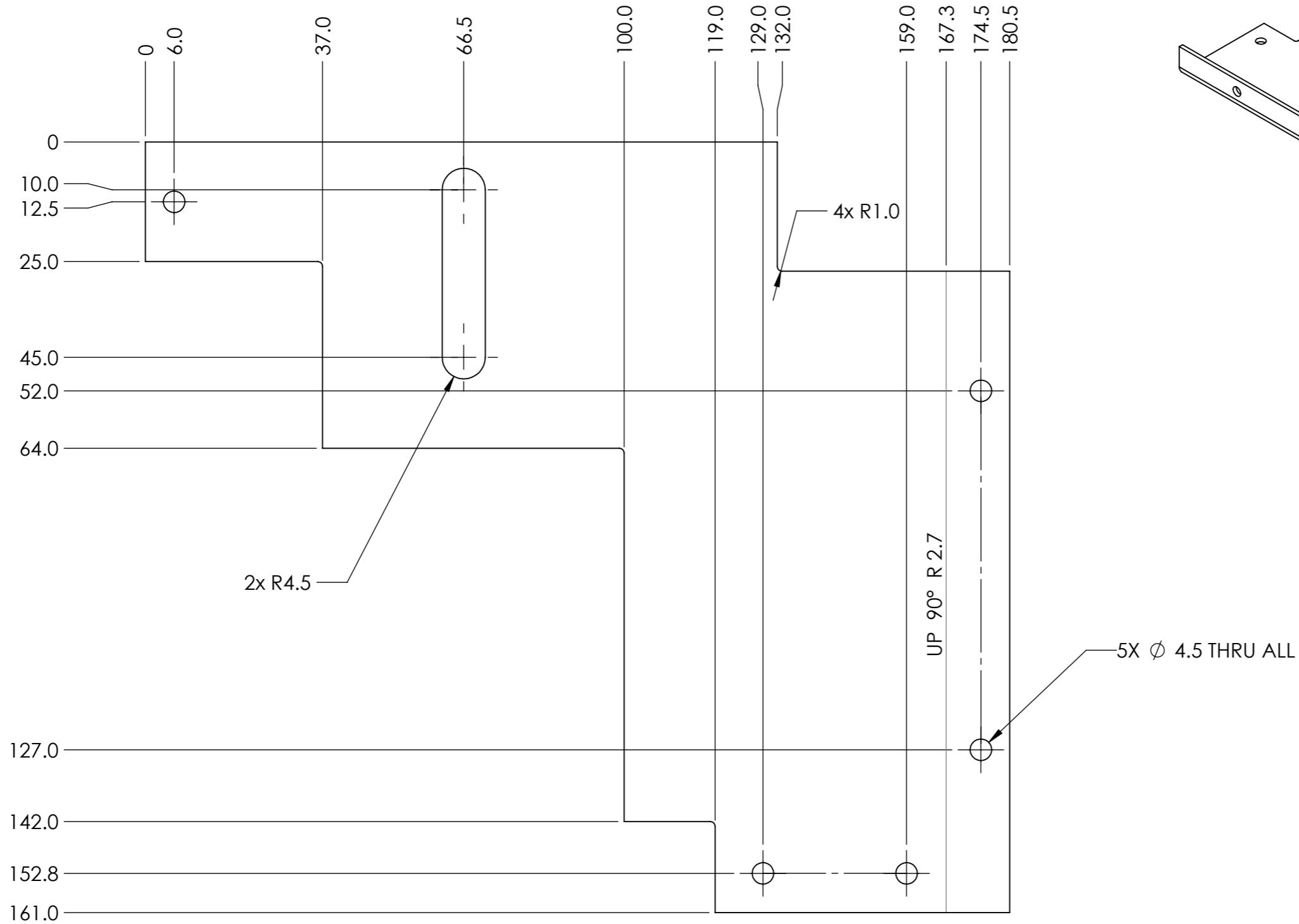
swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW
DRAWN:	CRK	DATE (MM/DD/YY)	14 Gauge Stainless Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM
6/2/2022		SURFACE COATING: NO		REV: 0	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		PART NUMBER: A40-1400-11-011-015 Shroud Middle		PART NAME:	
QTY:	1	MOD: N	VENDOR PART#:	DO NOT SCALE	SCALE: 1:1
			N/A		SHEET: 1 OF 2
SIZE A3					



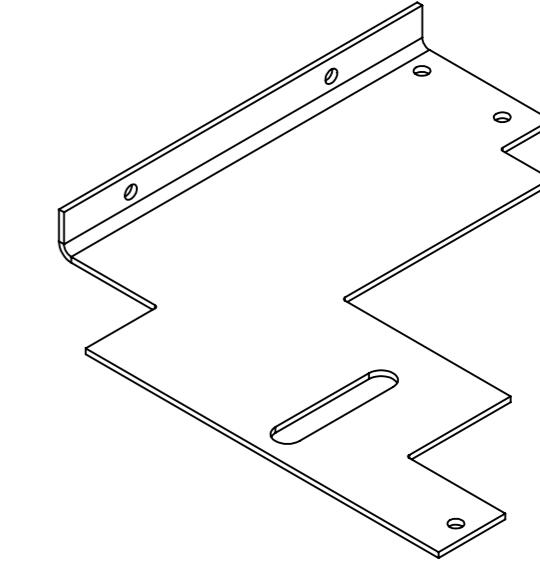
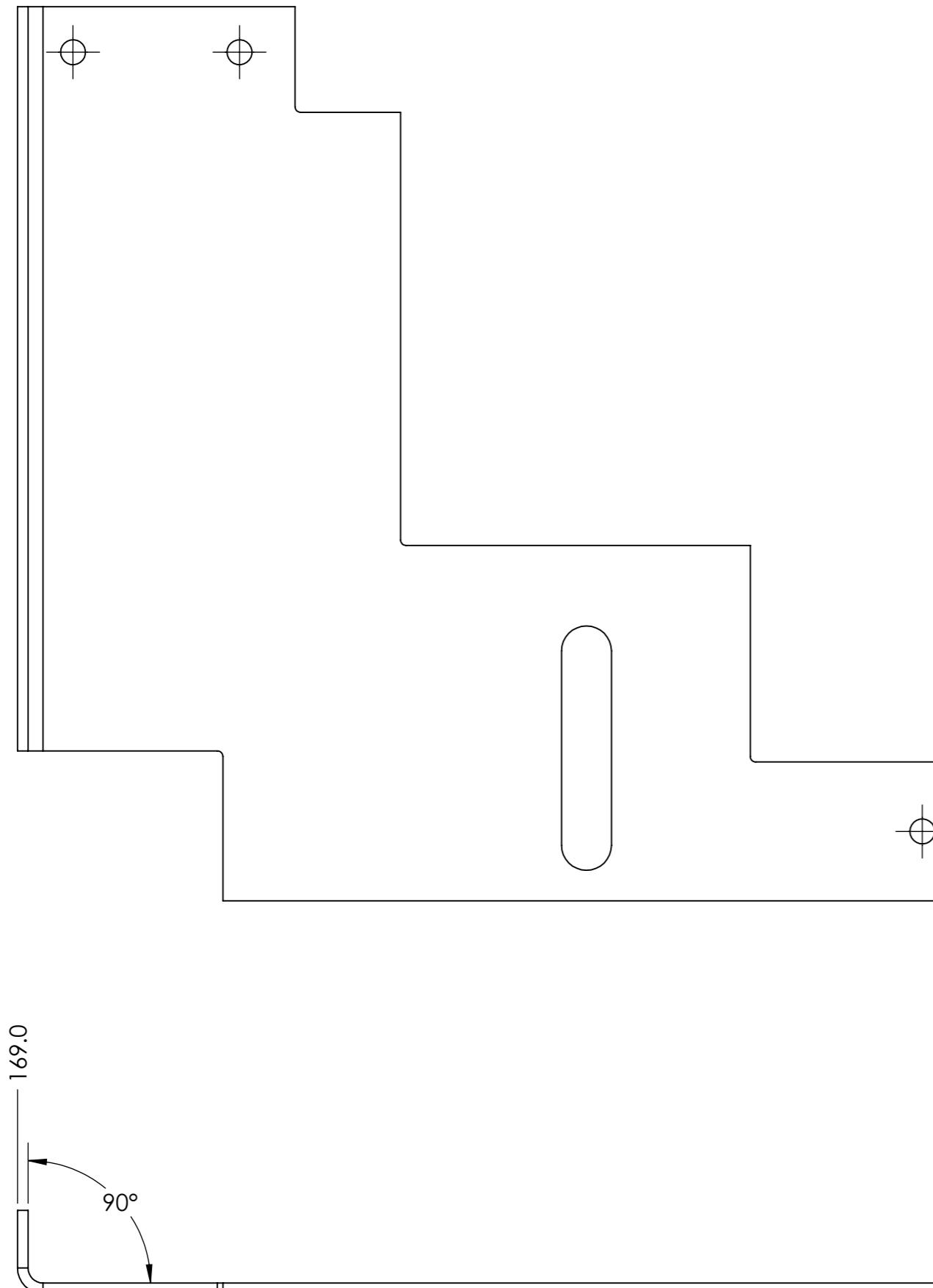
swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW
DRAWN:	CRK	DATE (MM/DD/YY)	14 Gauge Stainless Steel	HEAT TREAT:	ALL DIMENSIONS IN MM
		6/2/2022		NO	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING:		REV:	0
QTY: 1		PART NUMBER: A40-1400-11-011-015 Shroud Middle		PART NAME:	
MOD:	VENDOR PART#:	N	DO NOT SCALE	SCALE:	SHEET:
	N/A			1:1	2 OF 2



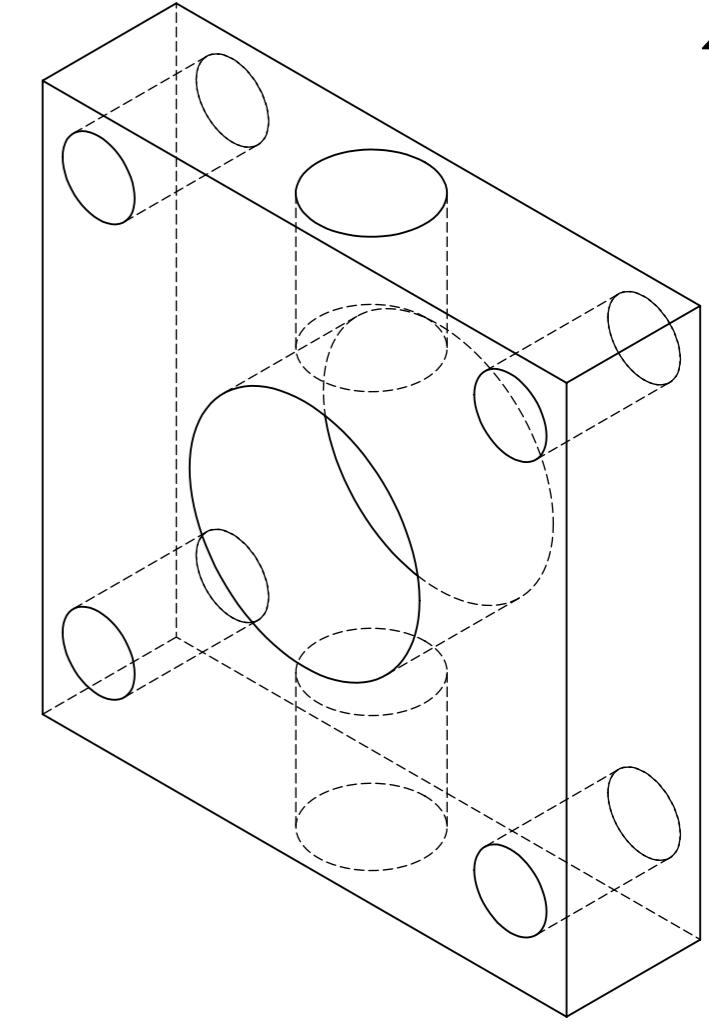
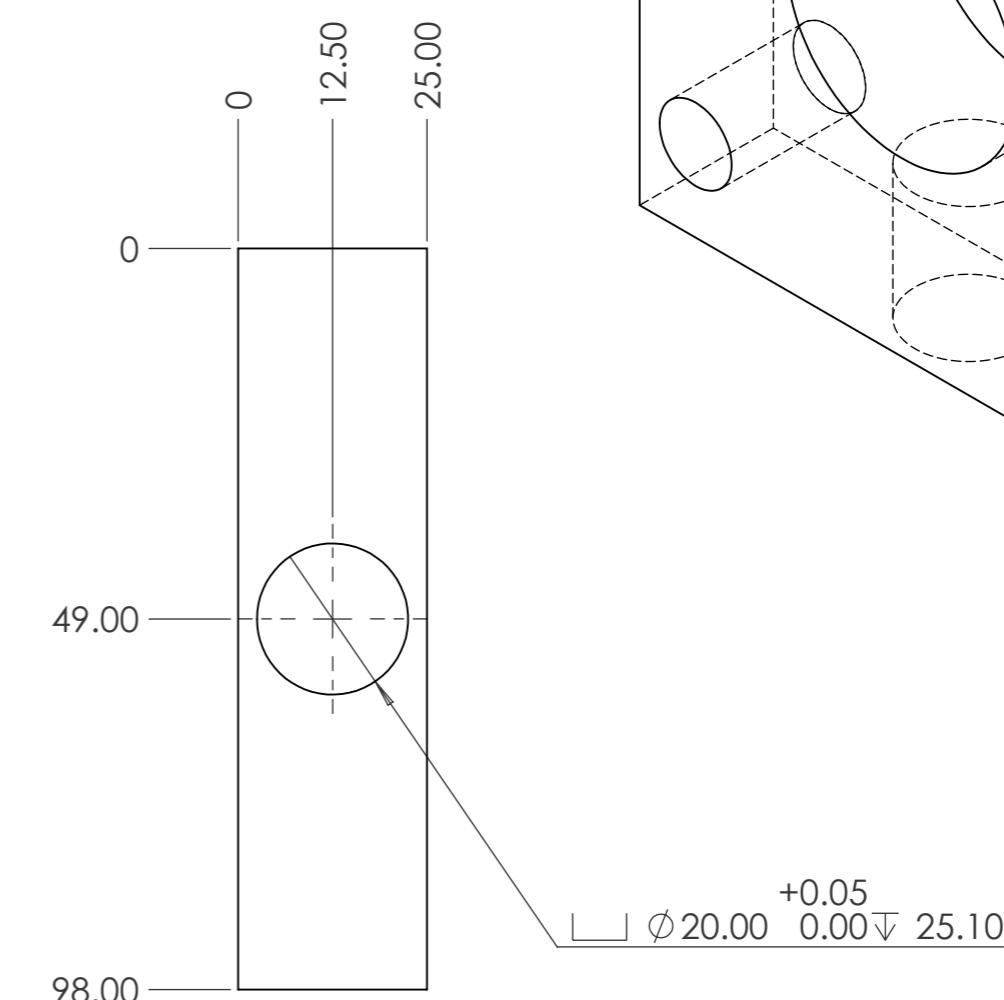
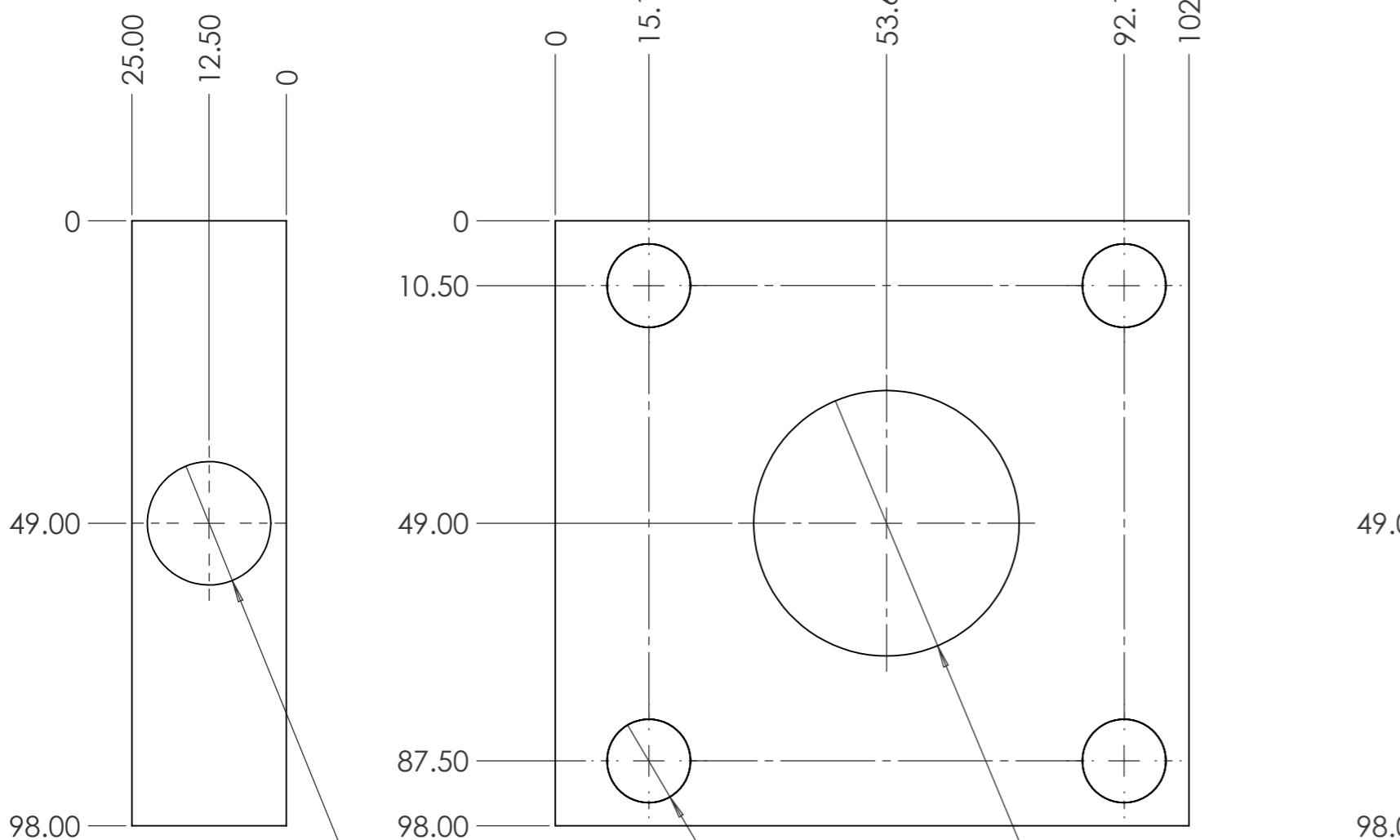
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
					GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°	CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO		REV: 0		
QTY: 4		PART NUMBER: A40-1400-11-011-024	PART NAME: Cyl.Pivot Shaft			
MOD:	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1		



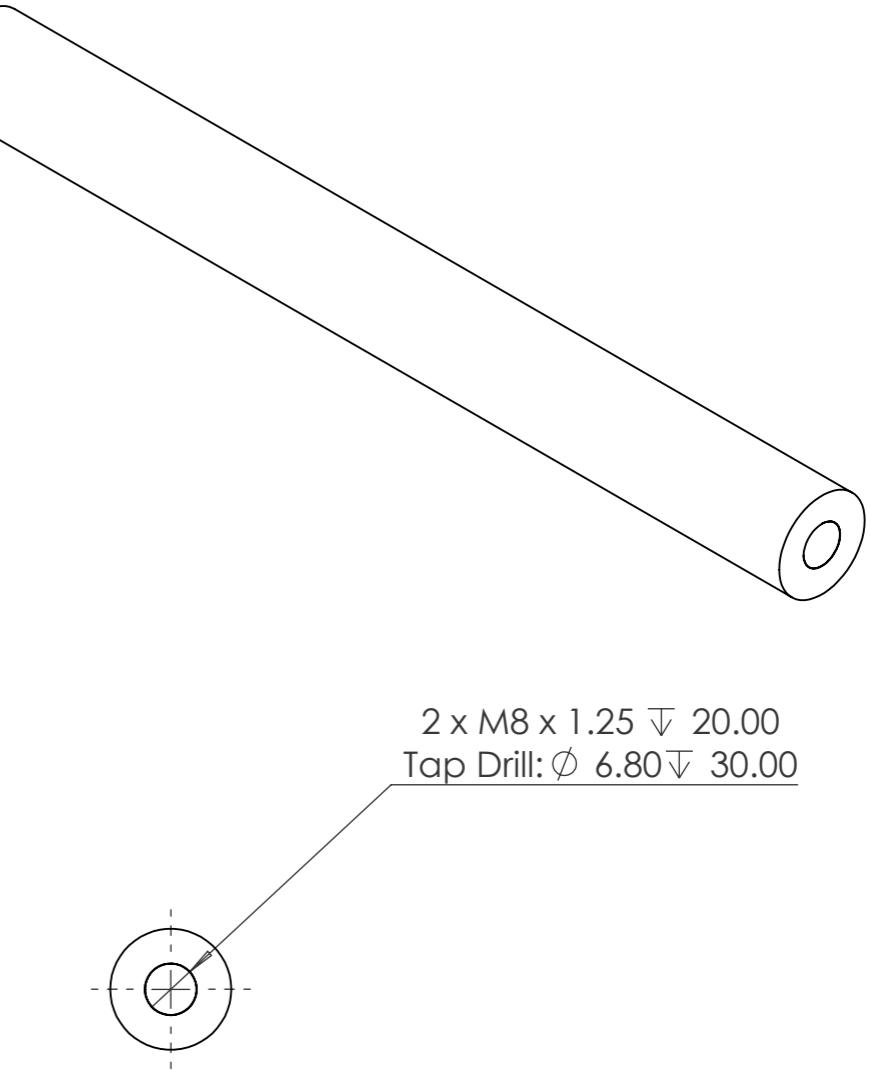
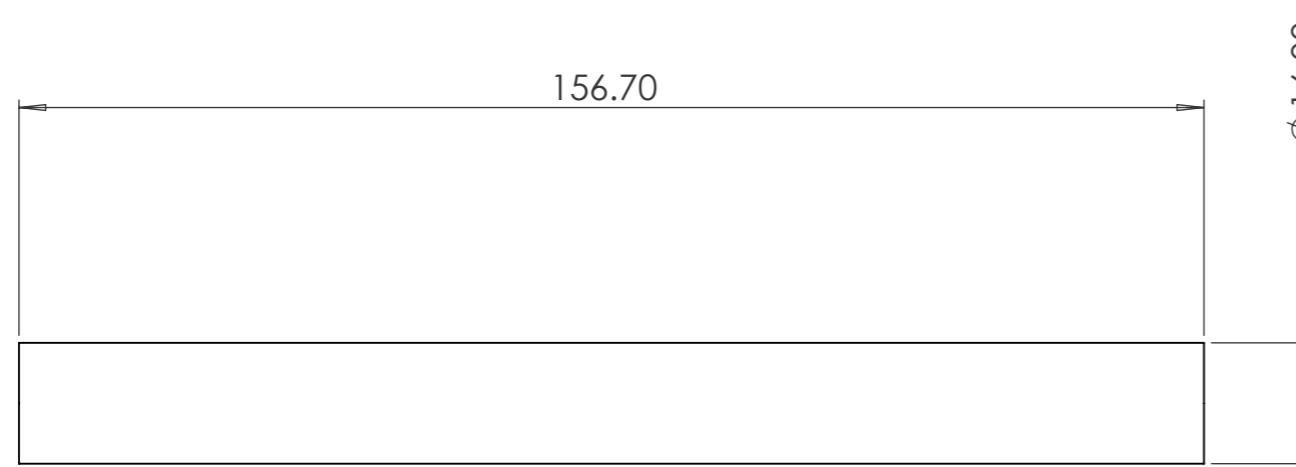
Swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW
DRAWN:	CRK	DATE (MM/DD/YY)	MATERIAL: 14 Gauge Stainless Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM
		6/2/2022	SURFACE COATING: NO		REV: 0
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		PART NUMBER: A40-1400-11-011-016 Shroud Left			
QTY:	1	MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1
					SHEET: 1 OF 2
SIZE A3					



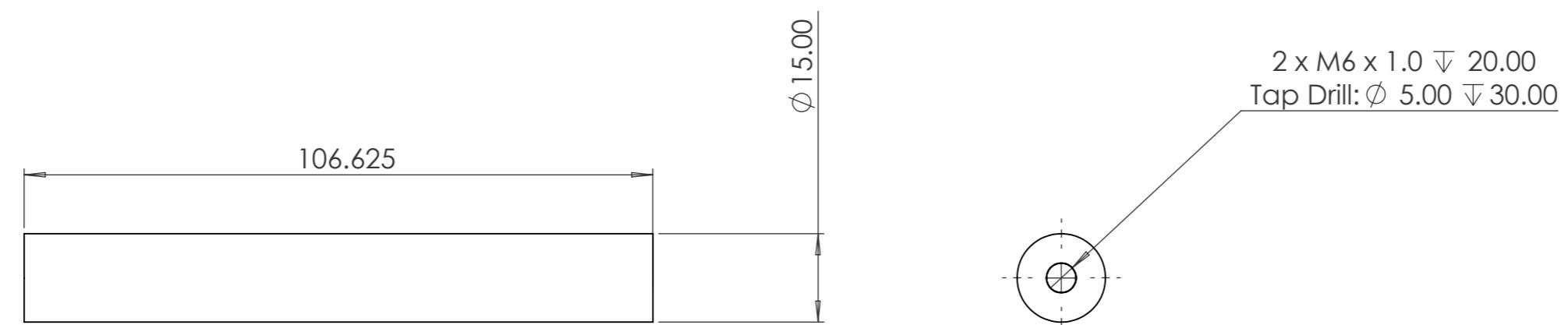
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	<b>swoboda</b>	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
						GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$	CAD SYSTEM: SW
DRAWN:	CRK	DATE (MM/DD/YY)	6/2/2022	MATERIAL:	14 Gauge Stainless Steel	HEAT TREAT:	ALL DIMENSIONS IN MM
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING:		NO		REV:	0
<b>QTY:</b> 1		PART NUMBER:		PART NAME: A40-1400-11-011-016 Shroud Left			
MOD:	N	VENDOR PART#:	N/A	DO NOT SCALE	SCALE:	1:1	SHEET: 2 OF 2



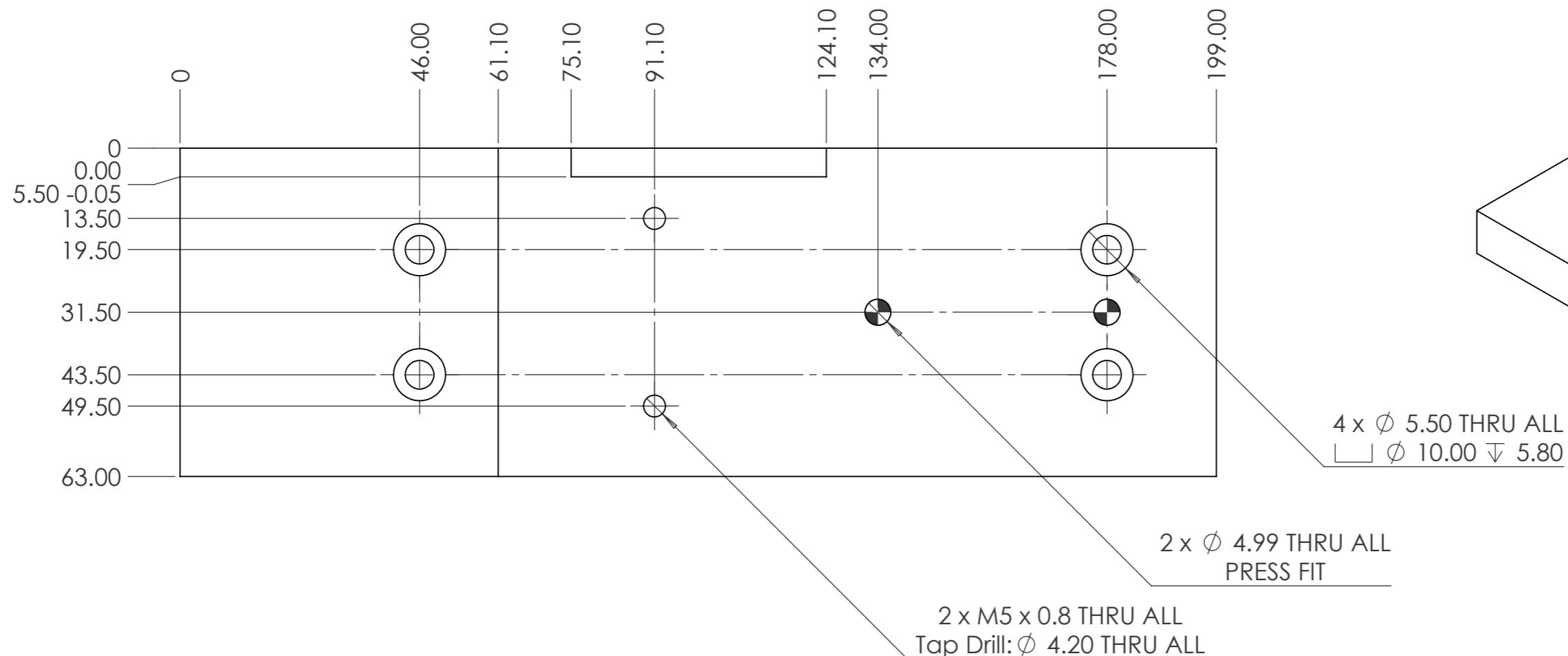
swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER CAD SYSTEM: SW
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: $X.X=\pm 0.1$ $X.XX=\pm 0.05$ ANGLE= $\pm 1^\circ$		
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: ALUMINUM	HEAT TREAT: NO	ALL DIMENSIONS IN MM
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO		REV: 0	
QTY: 2		PART NUMBER: A40-1400-11-011-017 Cyl. Bracket		PART NAME:	
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1	SIZE A3



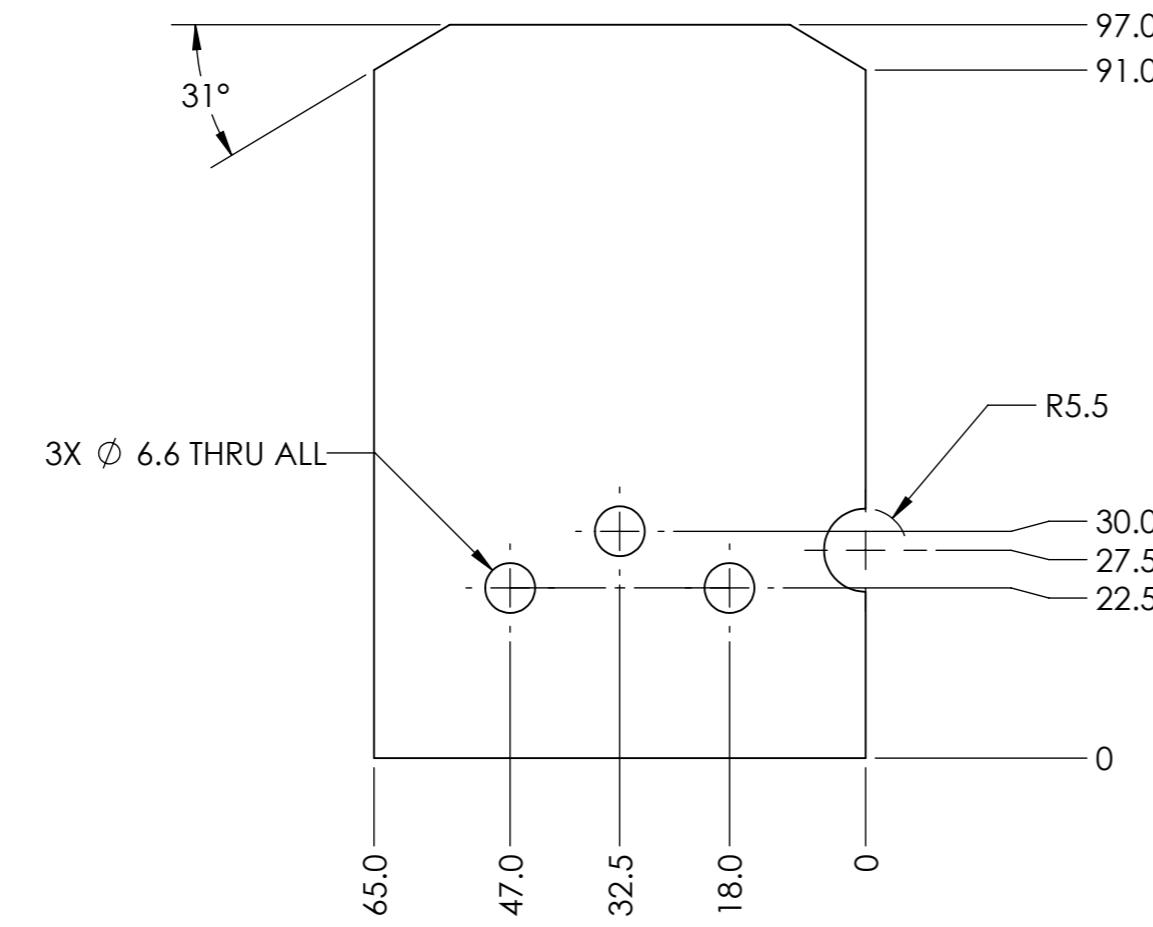
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: STEEL	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0			
QTY: 2		PART NUMBER: A40-1400-11-011-018 Base Pin	PART NAME:			
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1		



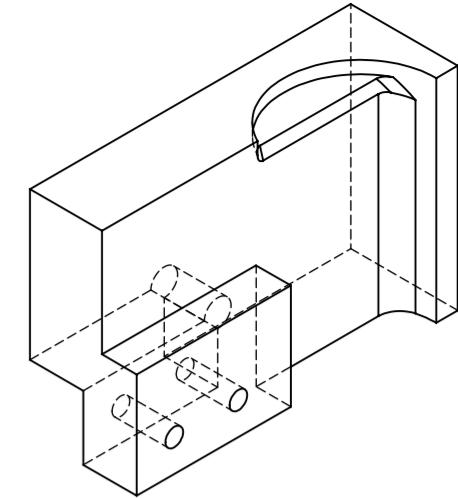
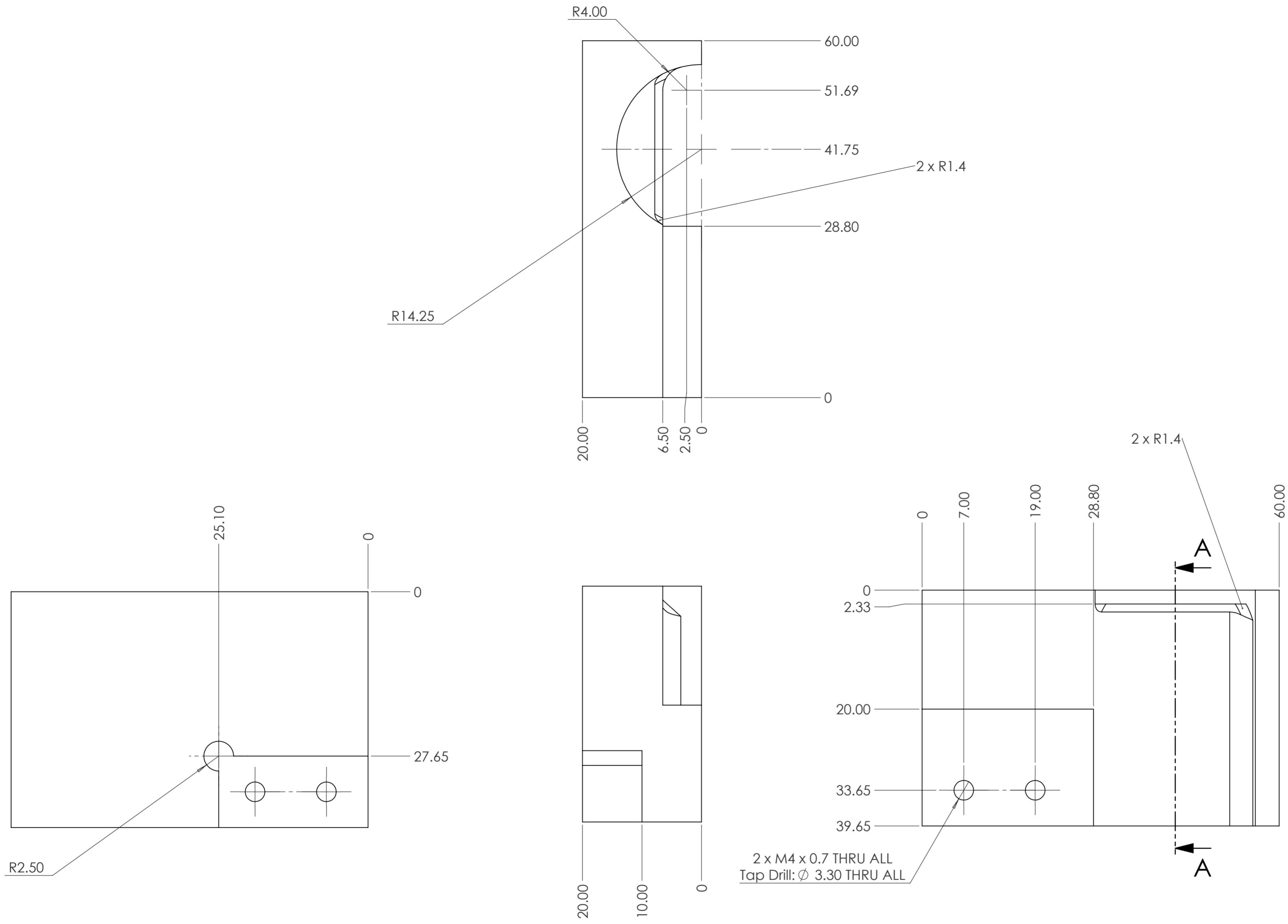
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: STEEL	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0			
QTY: 2		PART NUMBER: A40-1400-11-011-019 Cyl. Pin	PART NAME:			
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1		



Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: ALUMINUM	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0			
QTY: 1		PART NUMBER: A40-1400-11-011-020 Part Transfer	PART NAME:			
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1		

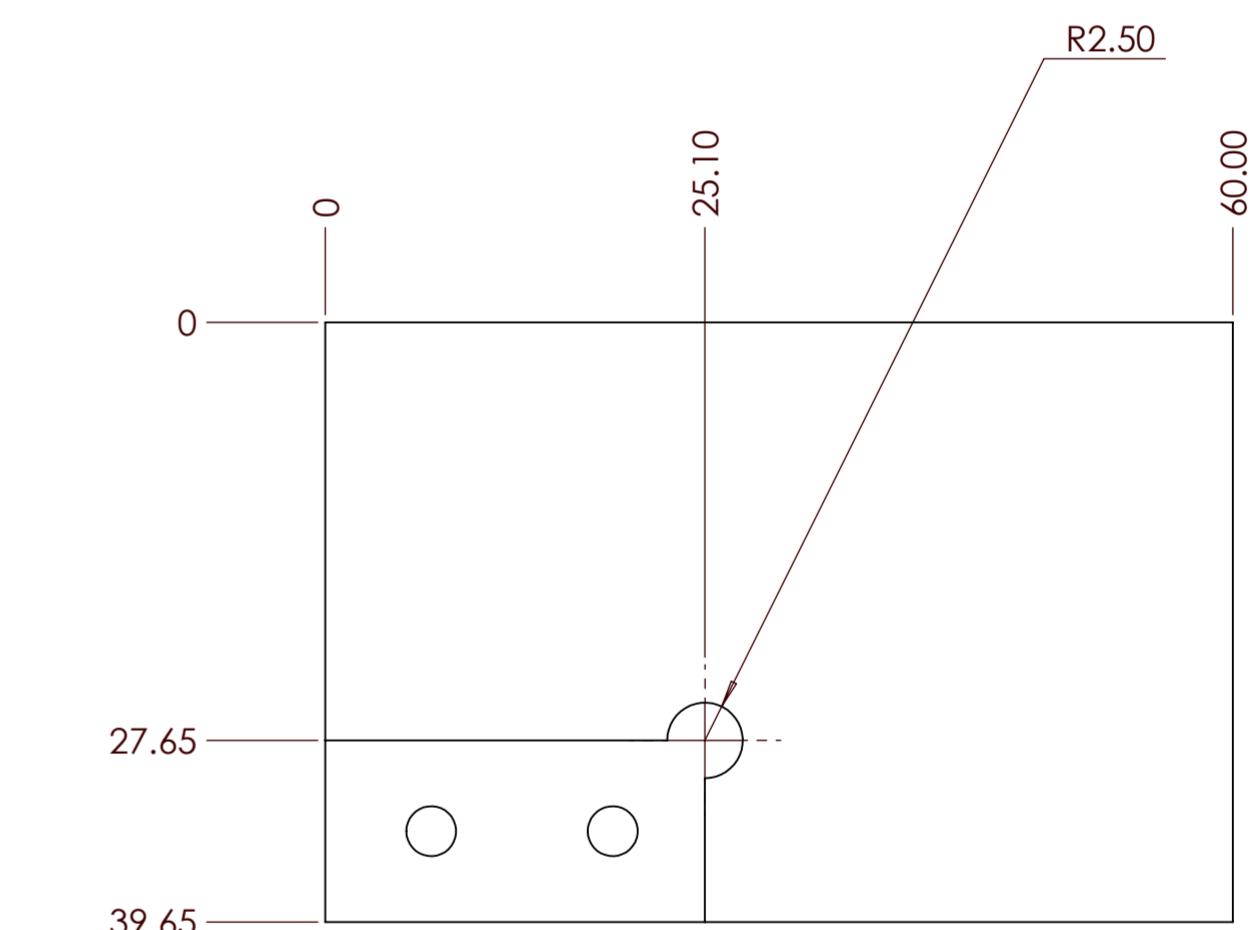
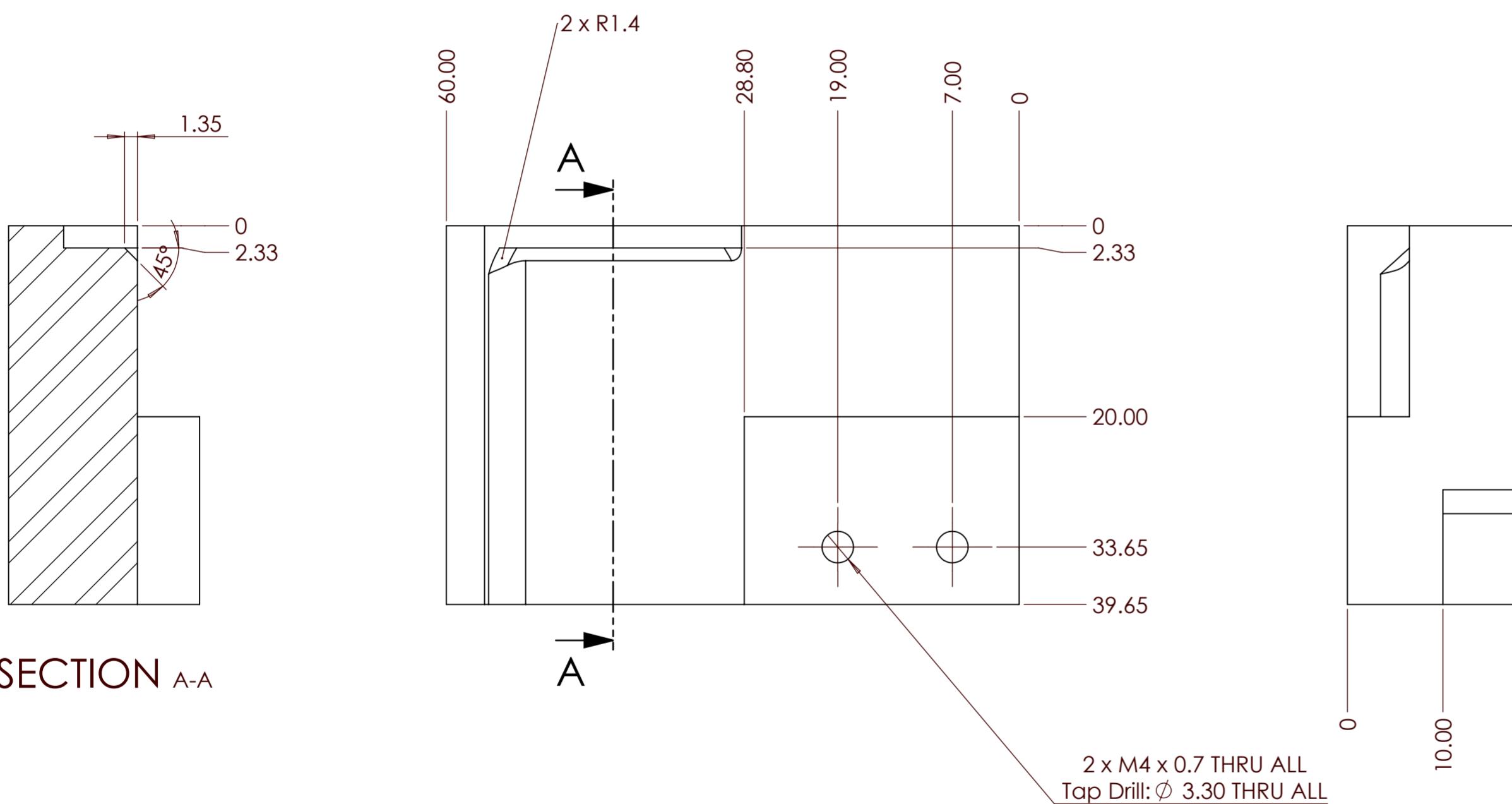
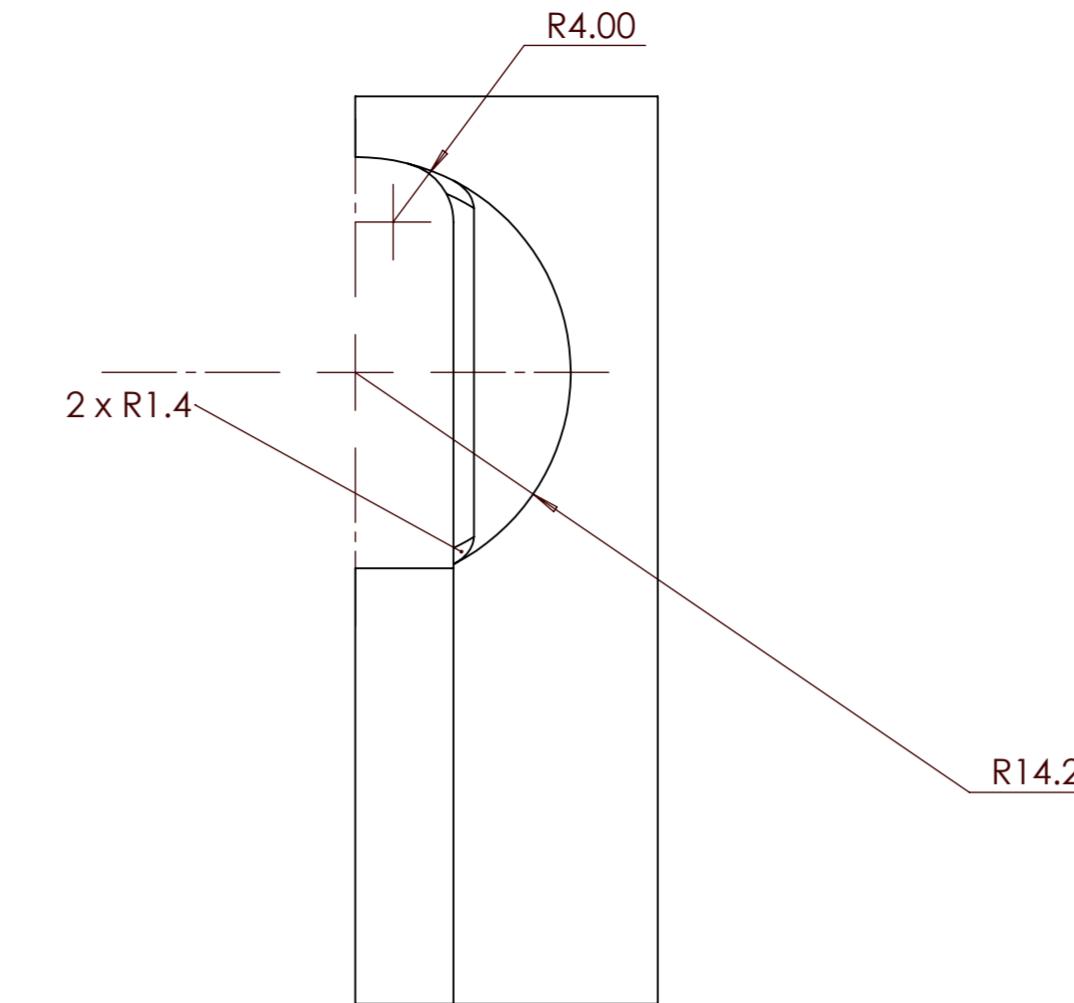
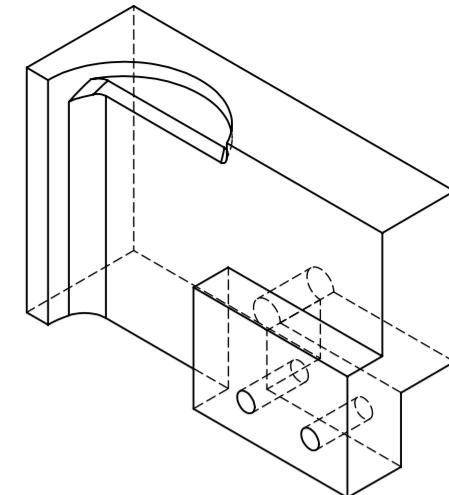


Swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW
DRAWN:	CRK	DATE (MM/DD/YY)	MATERIAL: 14 Gauge Stainless Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM
6/3/2022		SURFACE COATING: NO		REV: 0	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		PART NUMBER: A40-1400-11-011-021 Transfer Gaurd		PART NAME:	
QTY:	1	MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1 SHEET: 1 OF 1
SIZE A3					

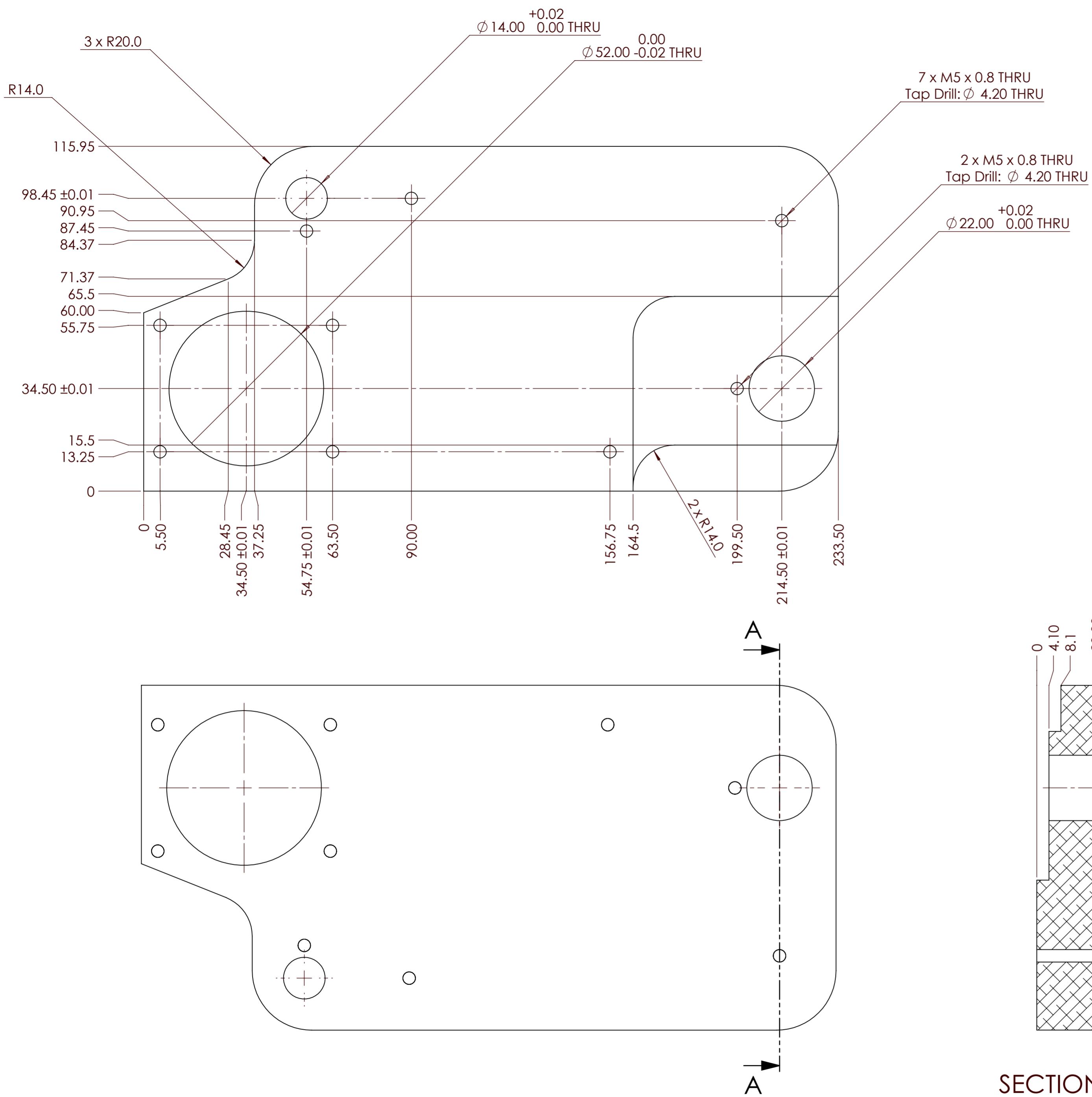


## SECTION A-A

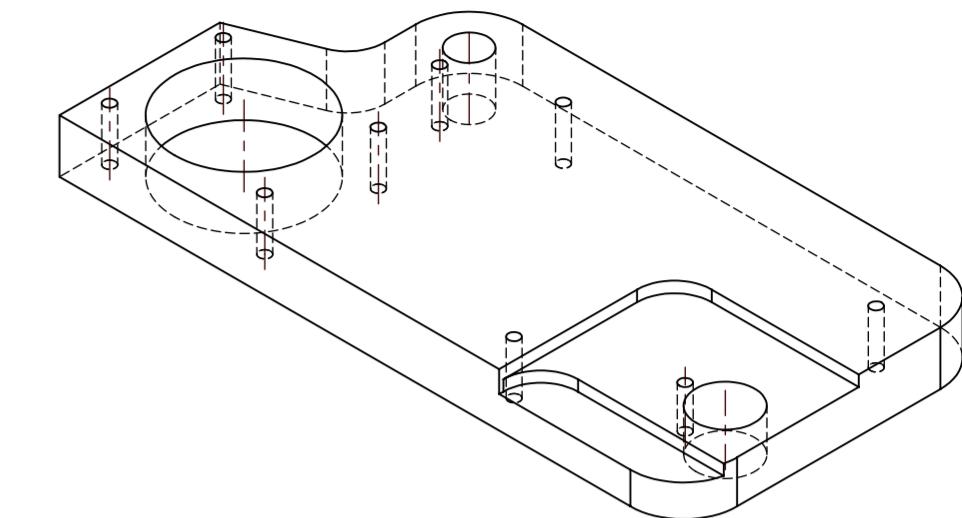
swoboda Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD ANGLE PROJECTION 	METRIC ALL DIMENSION IN MM GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
DRAWN LAD	DATE (MM/DD/YY) 5/31/2022		MATERIAL A2 Tool Steel	HEAT TREAT	CAD SYSTEM SW	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED			SURFACE COATING NO	REV 0		
QTY: 1			PART NUMBER A40-1400-11-011-022	PART NAME Gripper Left		
MOD N	VENDOR PART# N/A		DO NOT SCALE	SCALE 1:1	SHEET 1 OF 1	



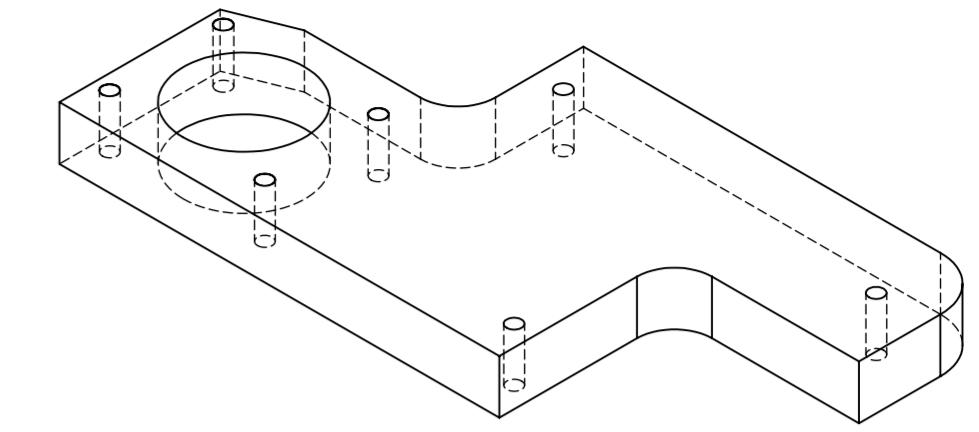
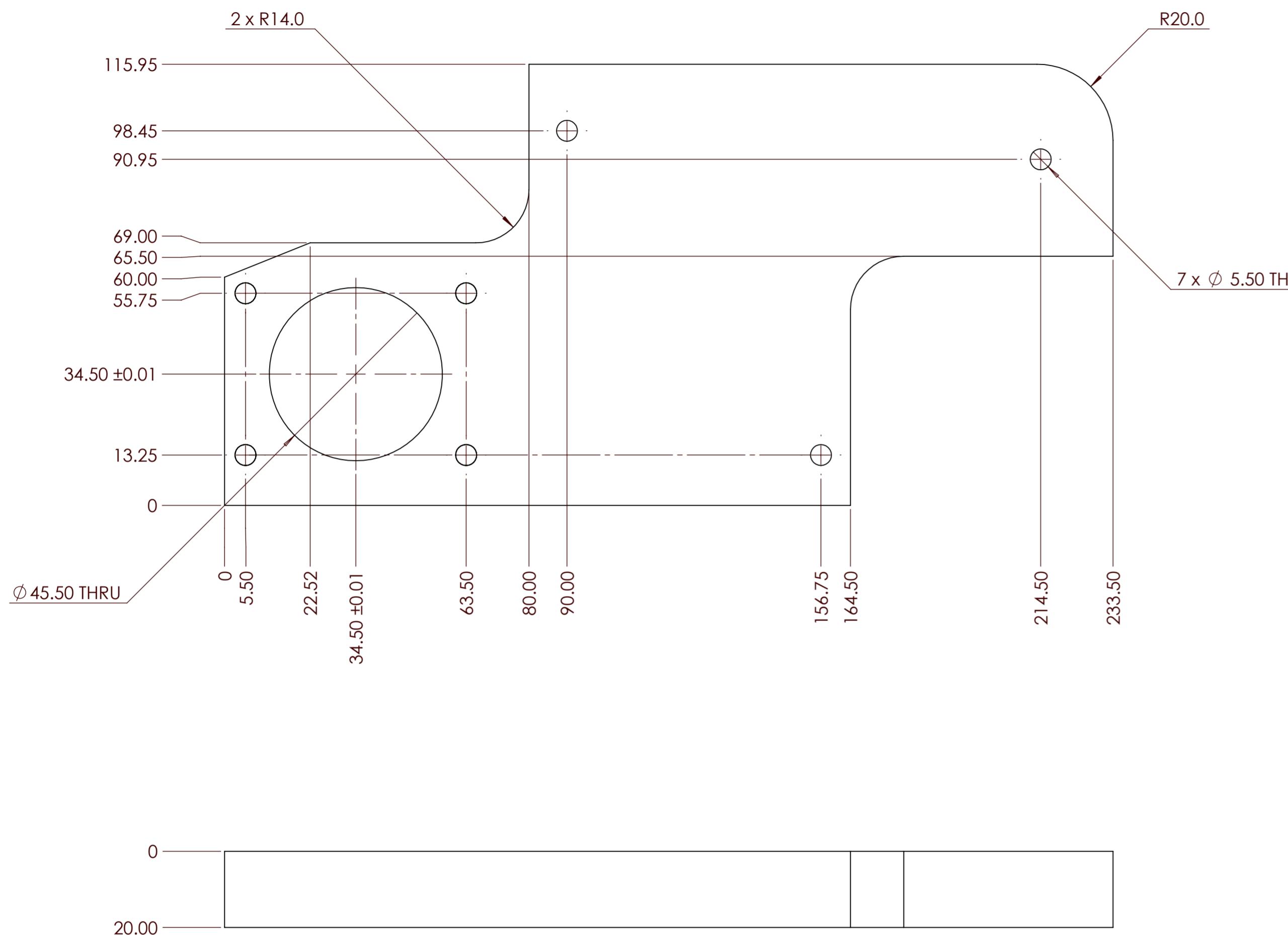
swoboda		3RD ANGLE PROJECTION	METRIC ALL DIMENSION IN MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636	Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°			CAD SYSTEM SW
DRAWN LAD	DATE (MM/DD/YY) 5/31/2022	MATERIAL A2 Tool Steel	HEAT TREAT 54-56		
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING	NO	REV 0	
QTY: 1		PART NUMBER A40-1400-11-011-023 Gripper Right	PART NAME		
MOD N	VENDOR PART# N/A	DO NOT SCALE SCALE 1:1	1:1	SIZE A2	



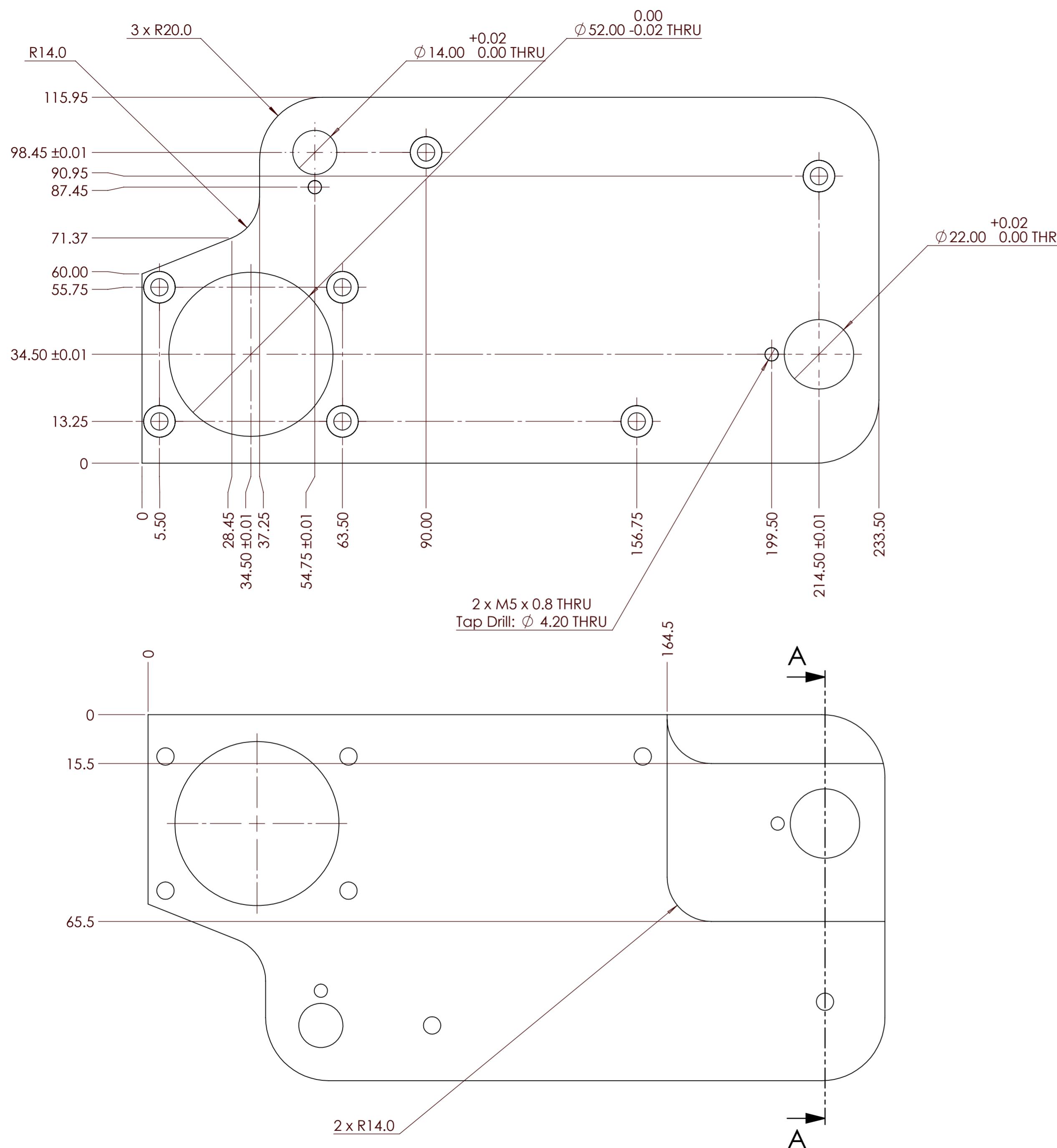
SECTION A-A



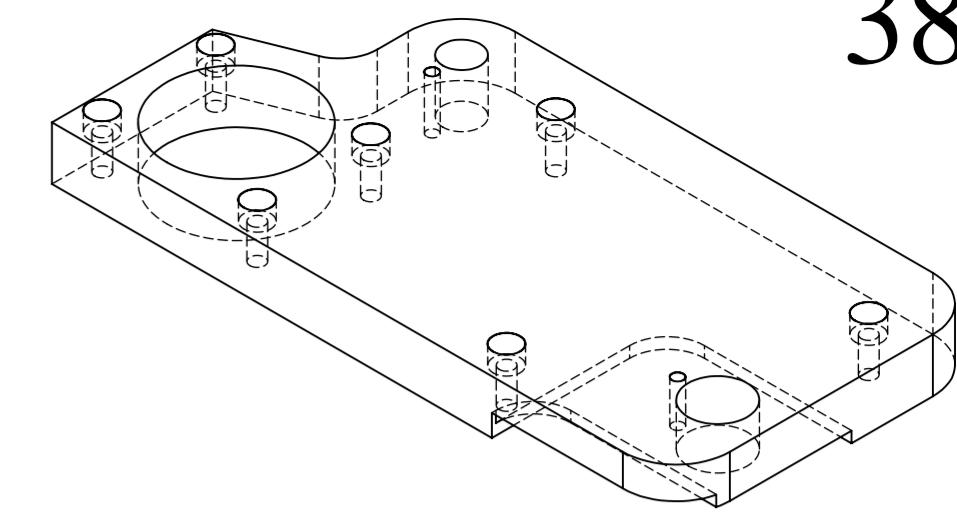
<b>swoboda</b>		3RD ANGLE PROJECTION	METRIC ALL DIMENSION IN MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636 Ph. 616-554-6161 Fax 616-554-9093		GENERAL DIMENSIONAL TOLERANCING: $X.X=\pm 0.1$ $X.XX=\pm 0.05$ $ANGLE=\pm 1^\circ$	SW	CAD SYSTEM SW	
DRAWN	DATE (MM/DD/YY)	MATERIAL	HEAT TREAT	NO	
LAD	5/31/2022	Aluminum		REV 0	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING	NO		
QTY: 2		PART NUMBER	PART NAME		
MOD N		VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	SIZE 1 OF 1
					SIZE A2



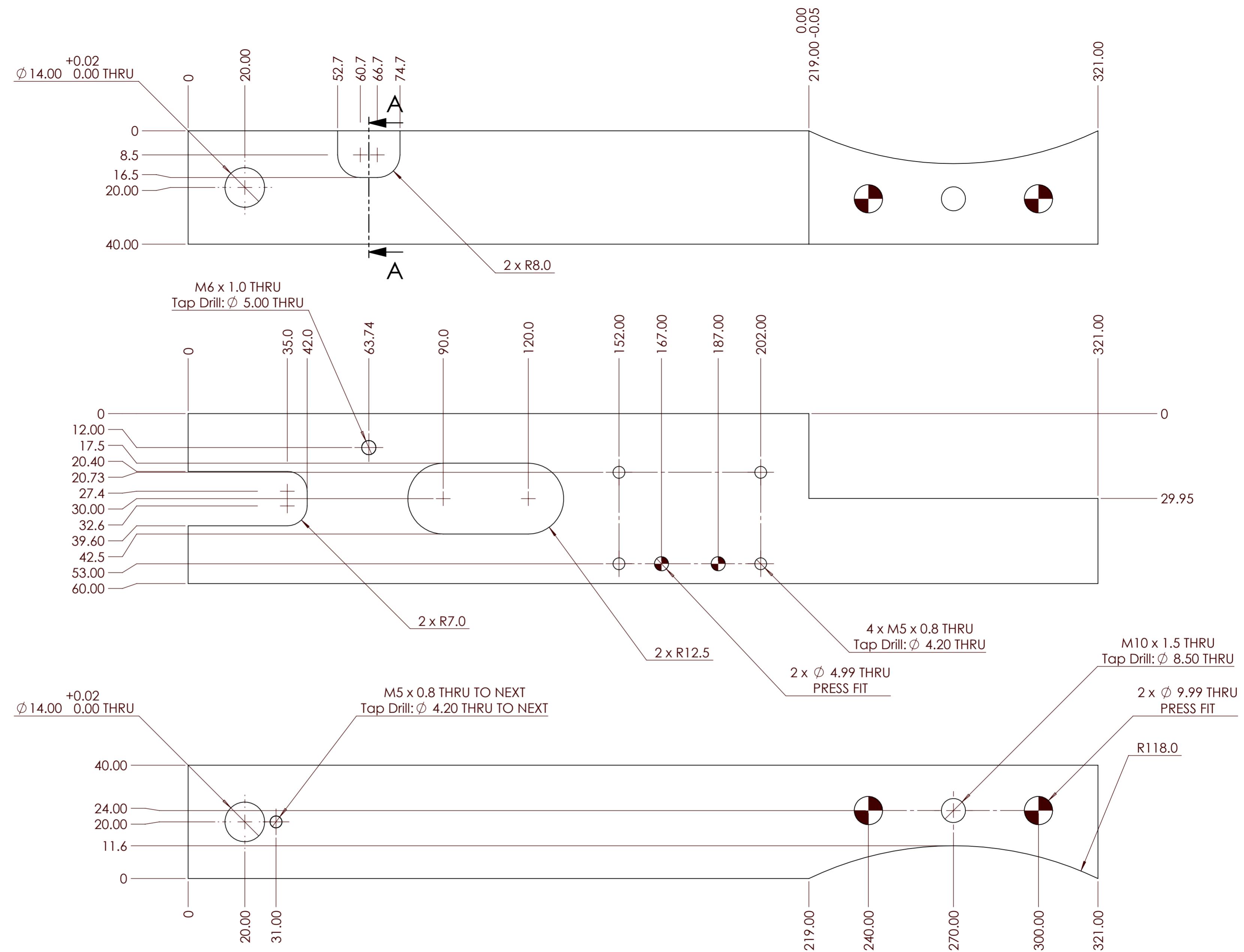
swoboda Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		3RD ANGLE PROJECTION 	METRIC ALL DIMENSION IN MM GENERAL DIMENSIONAL TOLERANCING: $X.X=\pm 0.1$ $X.XX=\pm 0.05$ ANGLE= $\pm 1^\circ$	IN ACCORDANCE WITH ASME Y14.5M-1994 CAD DATA IS MASTER
DRAWN LAD	DATE (MM/DD/YY) 5/31/2022	MATERIAL Aluminum	HEAT TREAT NO	CAD SYSTEM SW
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING NO	REV 0	
QTY: 2		PART NUMBER A40-1400-11-012-002 Middle Link	PART NAME	
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	SIZE 1 OF 1



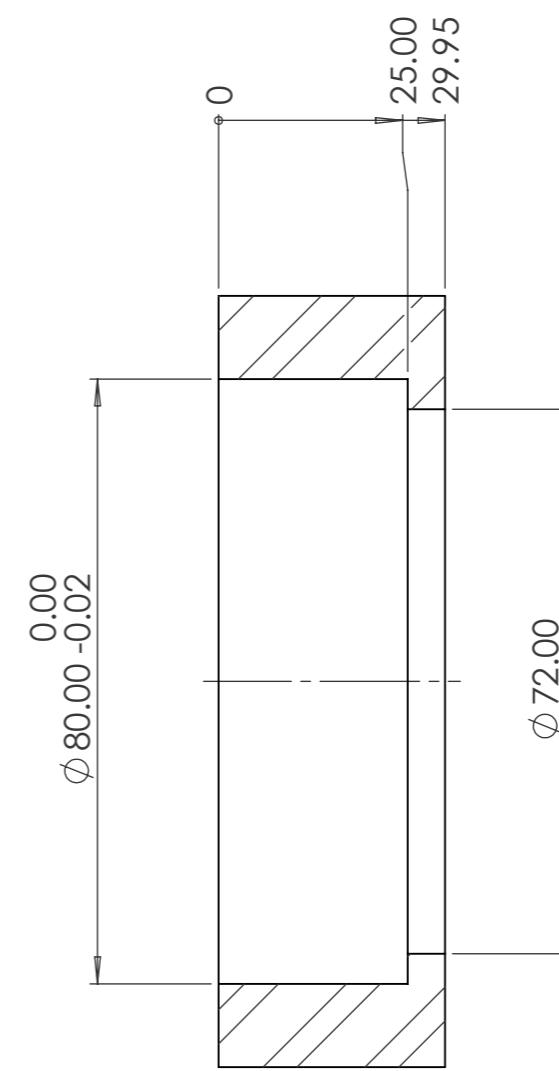
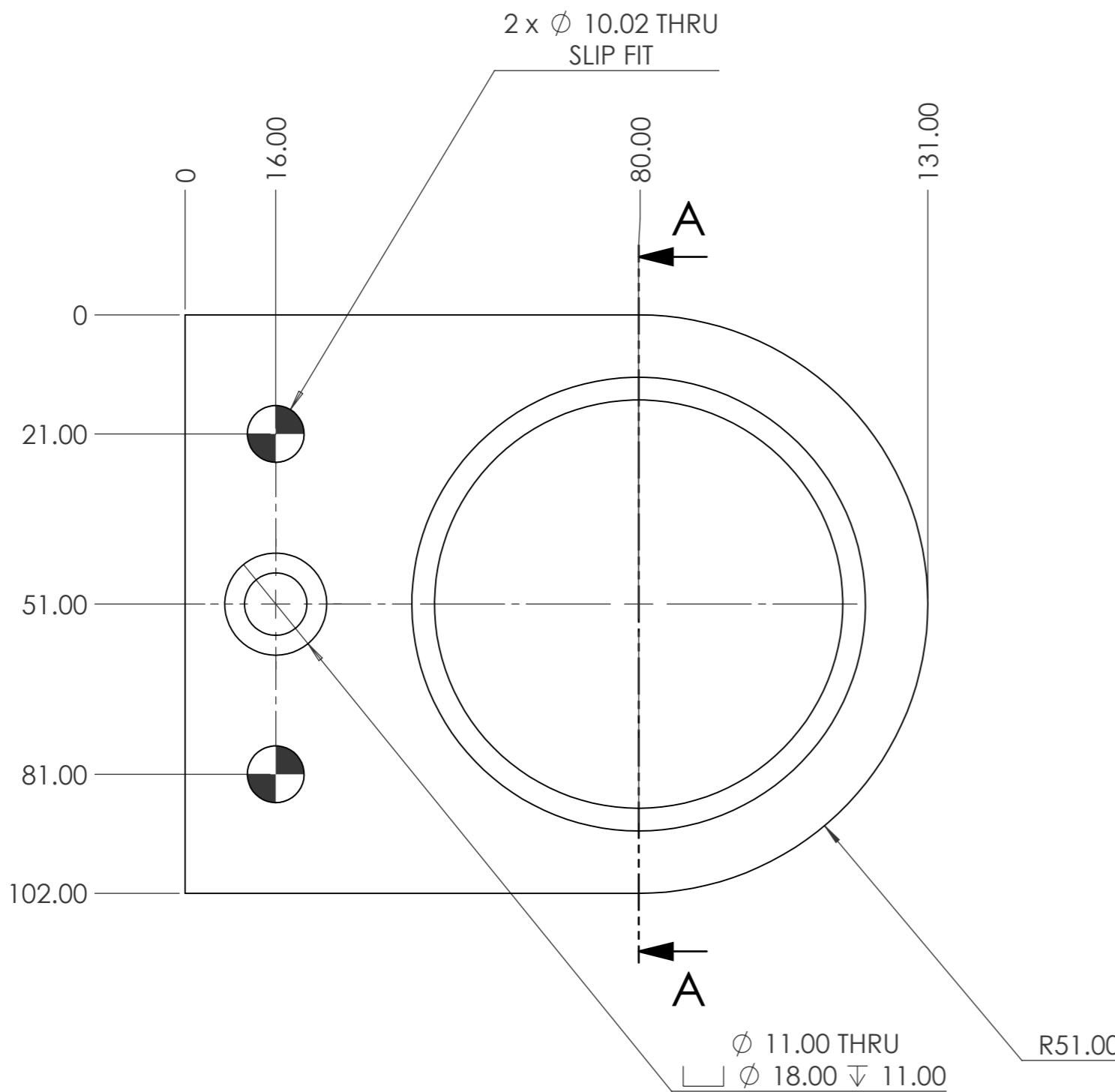
SECTION A-A



<b>swoboda</b>		3RD ANGLE PROJECTION	METRIC ALL DIMENSION IN MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
DRAWN	LAD	DATE (MM/DD/YY) 5/31/2022	MATERIAL Aluminum	HEAT TREAT NO	CAD SYSTEM SW
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING	NO	REV 0	
<b>QTY: 2</b>		PART NUMBER A40-1400-11-012-003 Top Link	PART NAME		
MOD N	VENDOR PART# N/A	DO NOT SCALE SCALE 1:1	SCALE 1:1	SIZE A2	SIZE 1 OF 1

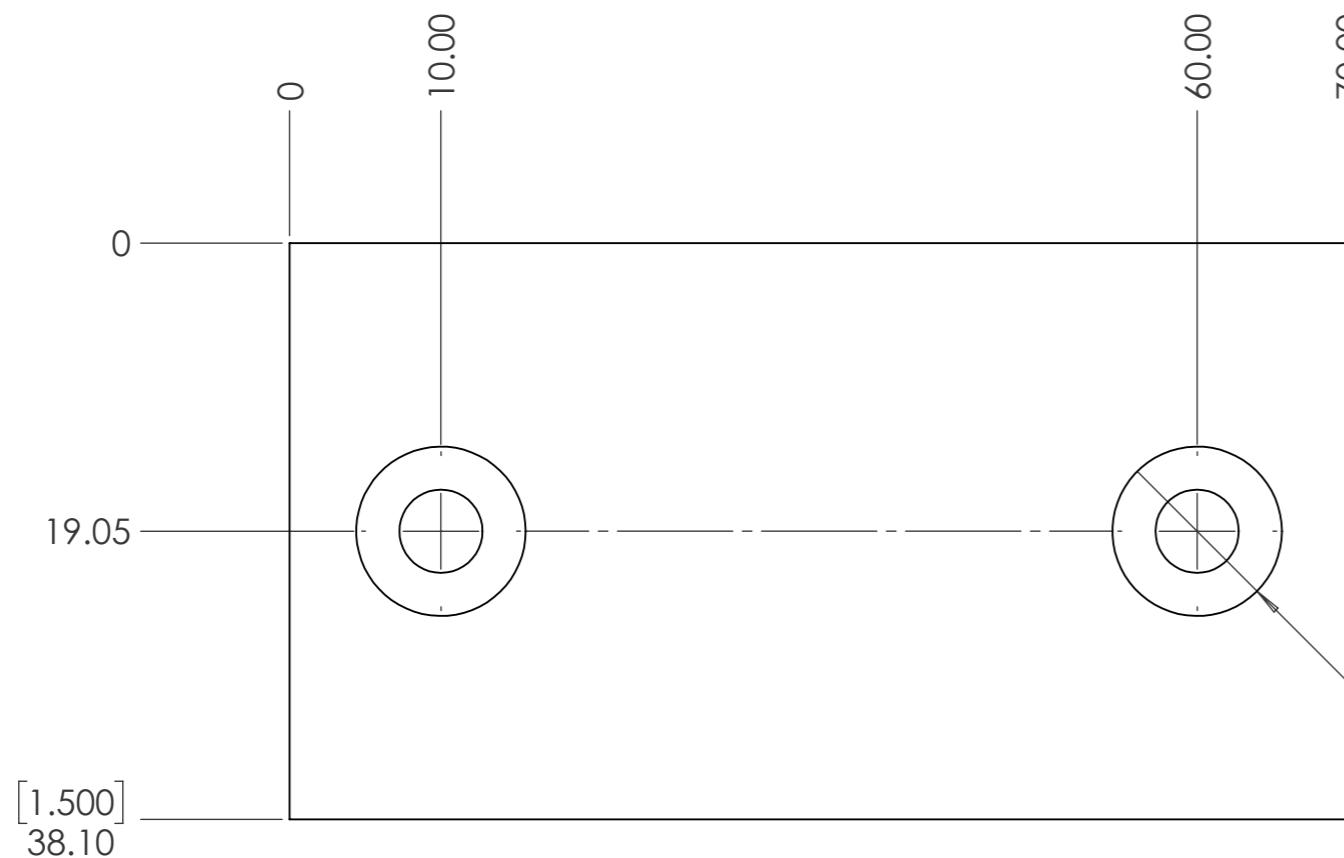


Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		3RD ANGLE PROJECTION	METRIC ALL DIMENSION IN MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
DRAWN LAD	DATE (MM/DD/YY) 5/31/2022	MATERIAL 1018 CRS	HEAT TREAT NO		CAD SYSTEM SW
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING Black Oxide	REV 0		
QTY: 1		PART NUMBER A40-1400-11-013-001 Upper Right Shear Arm			
MOD N	VENDOR PART# N/A	DO NOT SCALE SCALE 1:1			SIZE A2

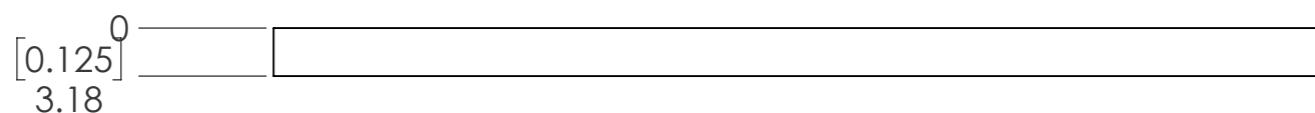
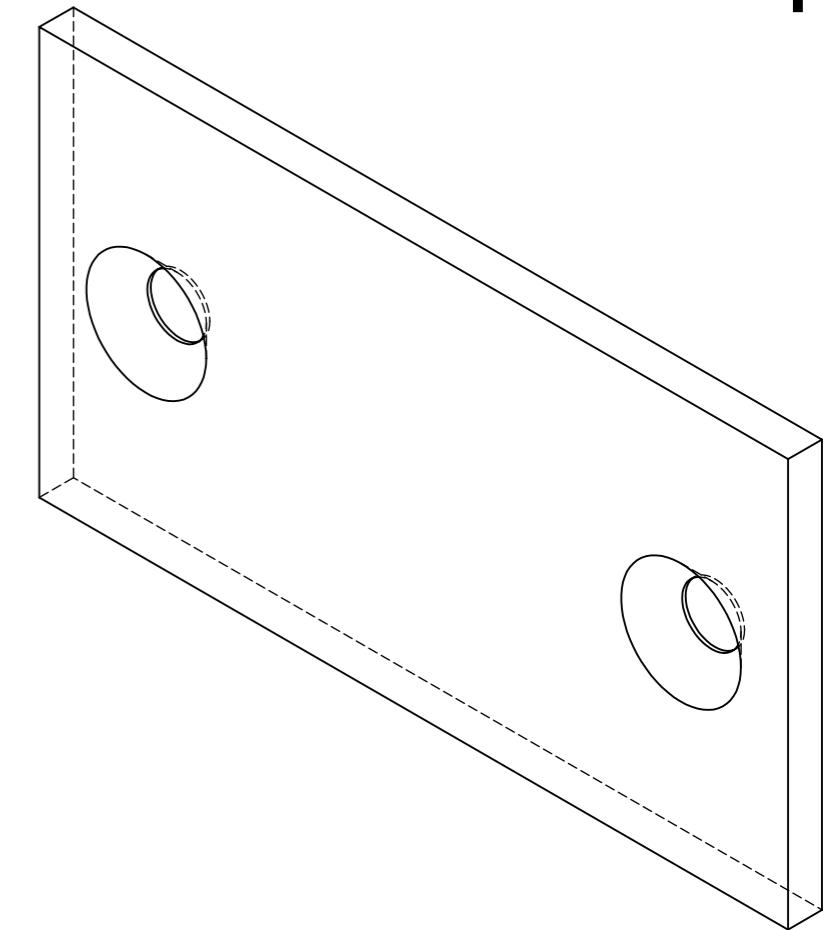


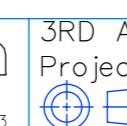
SECTION A-A

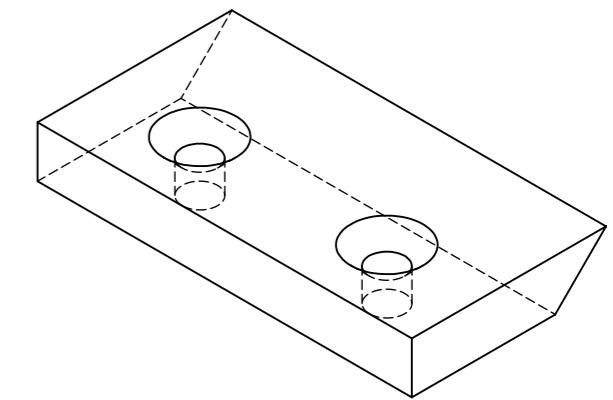
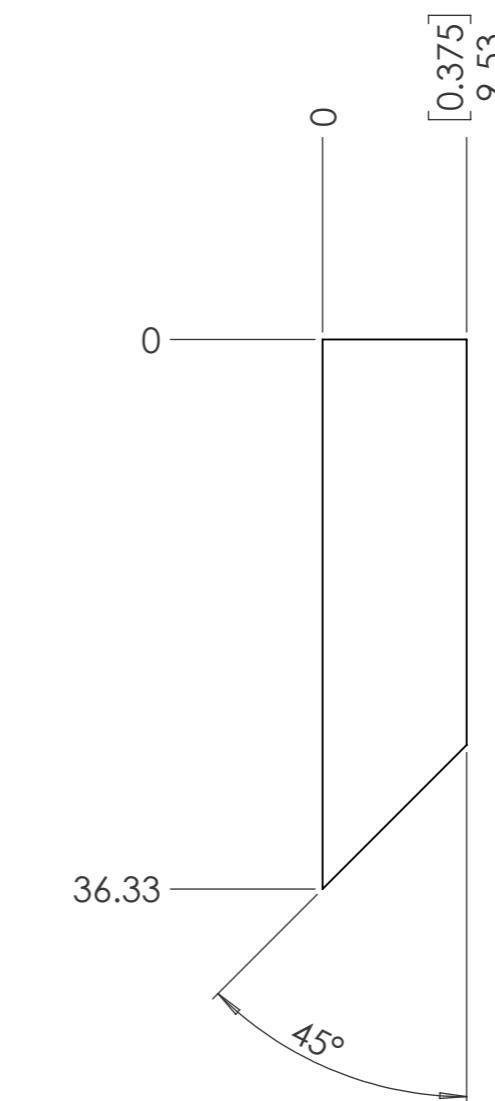
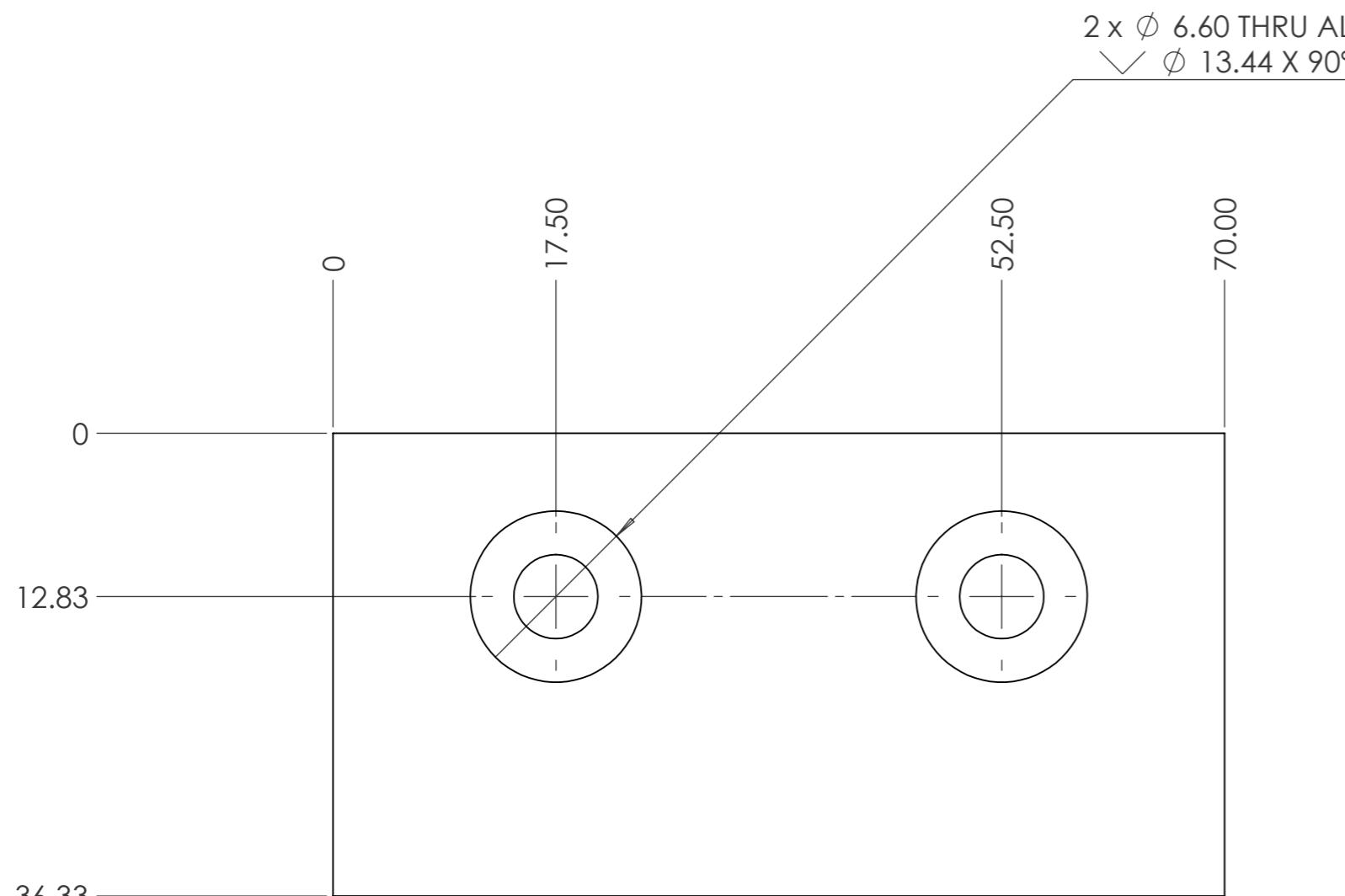
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: A2 Tool Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: Black Oxide		REV: 0		
QTY: 1		PART NUMBER: A40-1400-11-013-002 Upper Right Bearing Insert		PART NAME:		
MOD:	VENDOR PART#: N/A	DO NOT SCALE		SCALE: 1:1	SHEET: 1 OF 1	SIZE A3



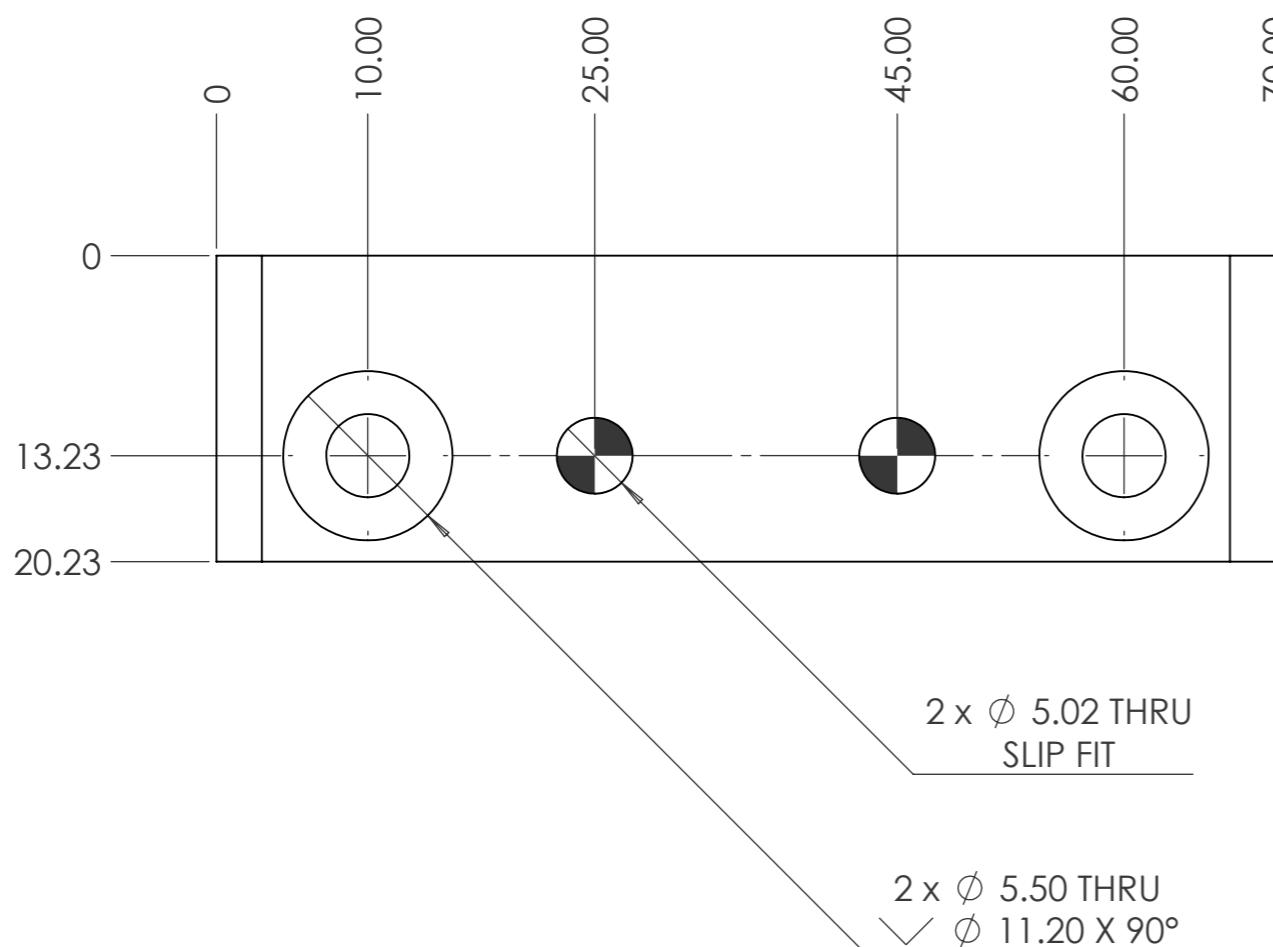
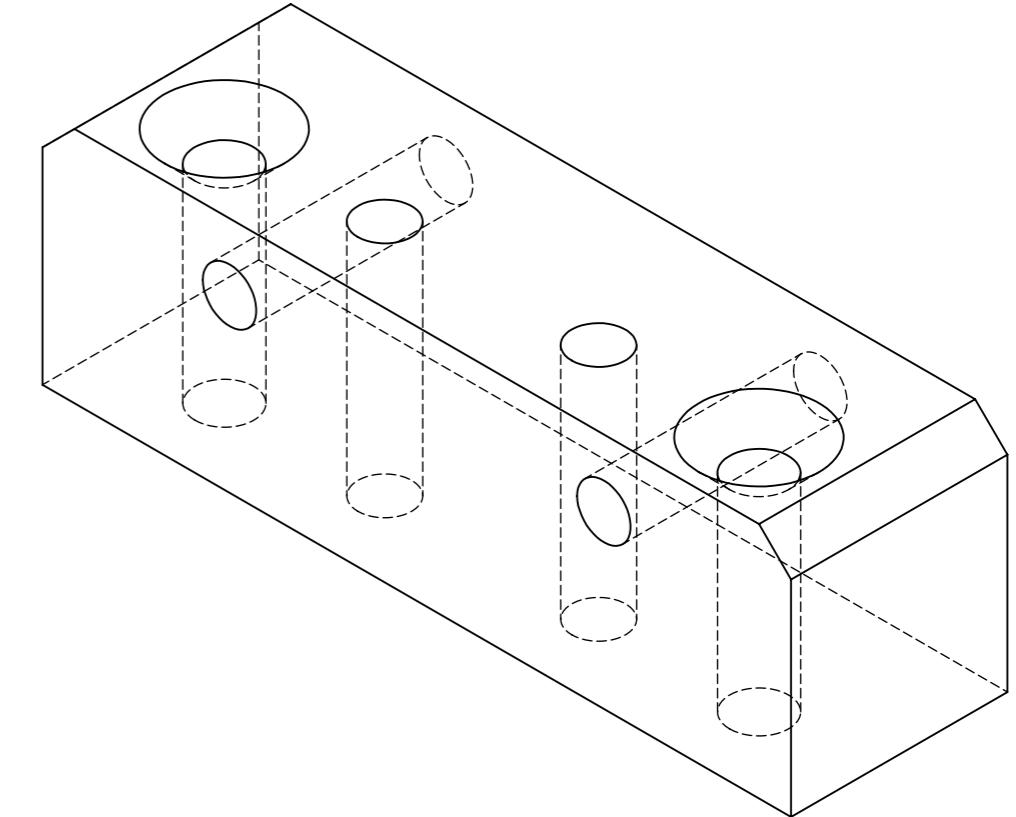
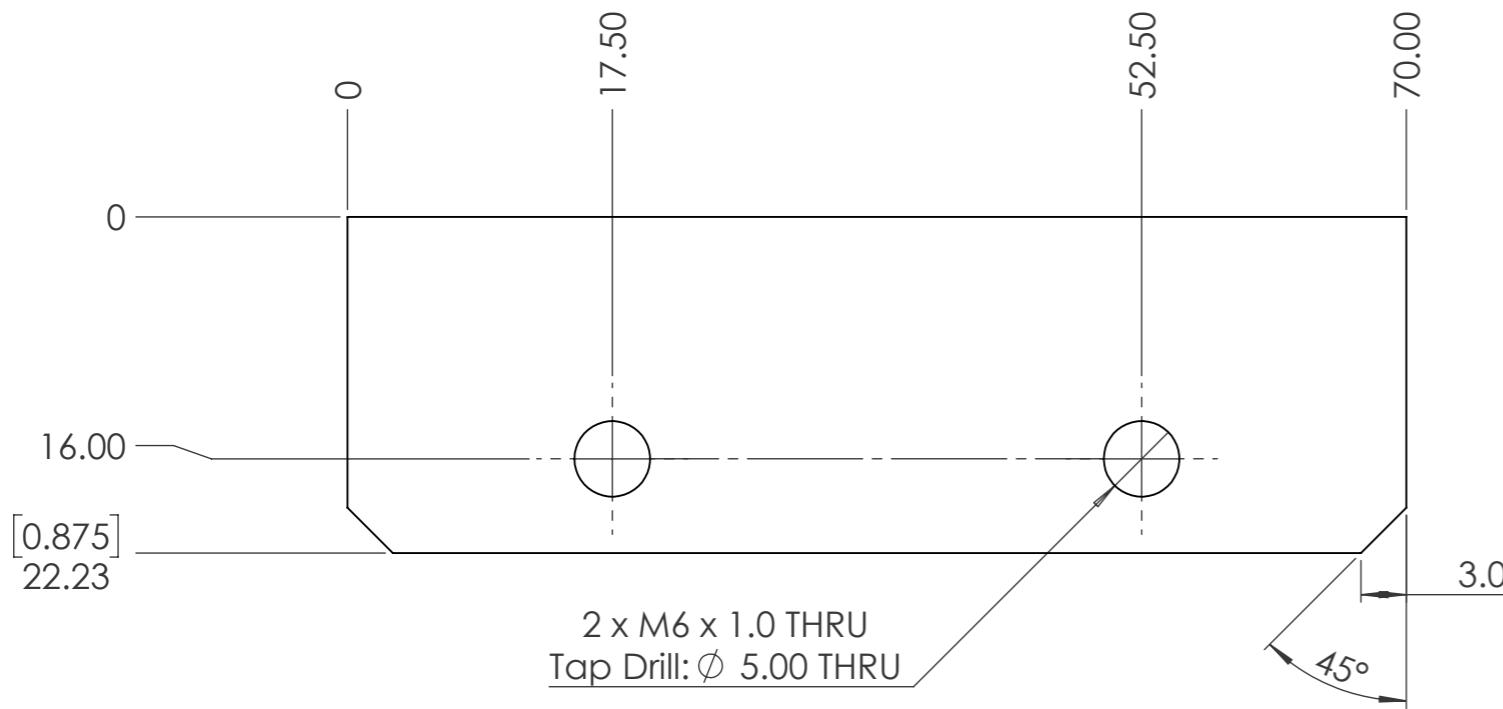
2 x  $\emptyset$  5.50 THRU ALL  
 $\checkmark$   $\emptyset$  11.20 X 90°



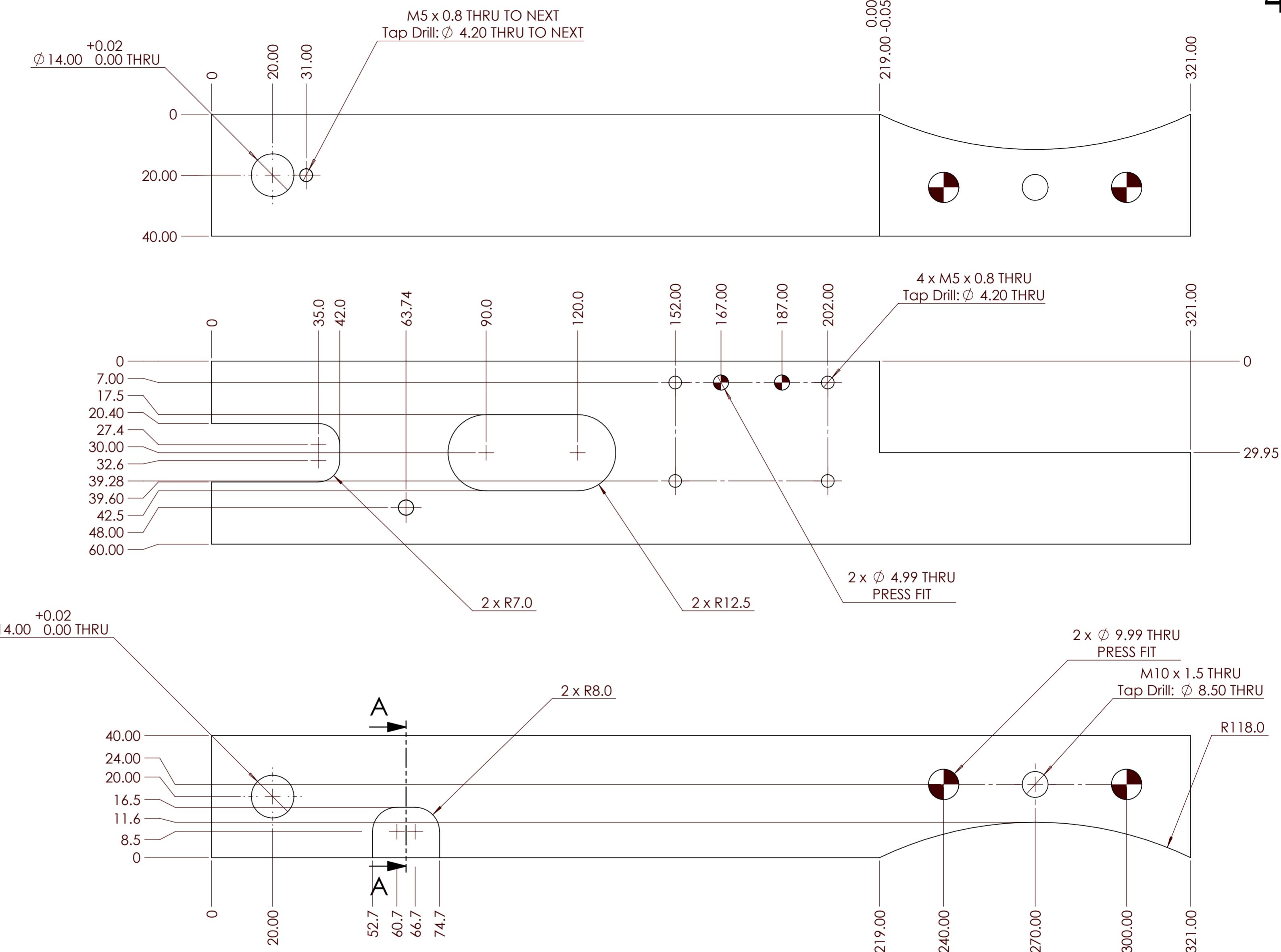
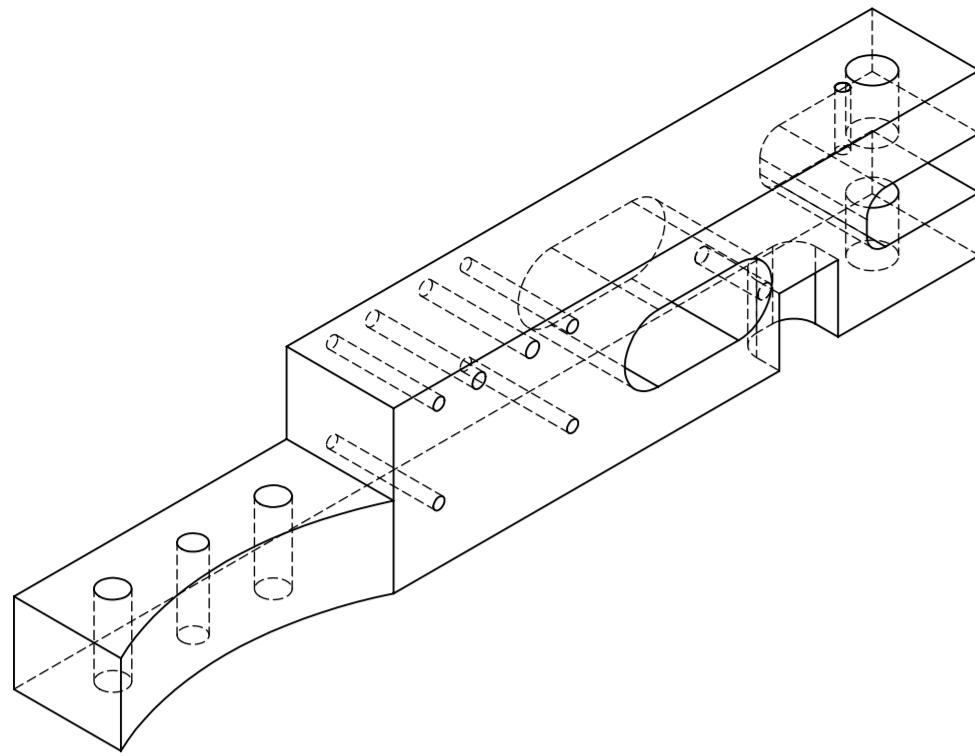
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	 3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: A2 Tool Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: Black Oxide		REV: 0		
QTY: 2		PART NUMBER: A40-1400-11-013-003 Blade Back		PART NAME:		
MOD:	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1		



Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: D2 Steel	HEAT TREAT: 54-56	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0			
QTY: 4		PART NUMBER: A40-1400-11-013-004 Blade	PART NAME:			
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1		SIZE A3



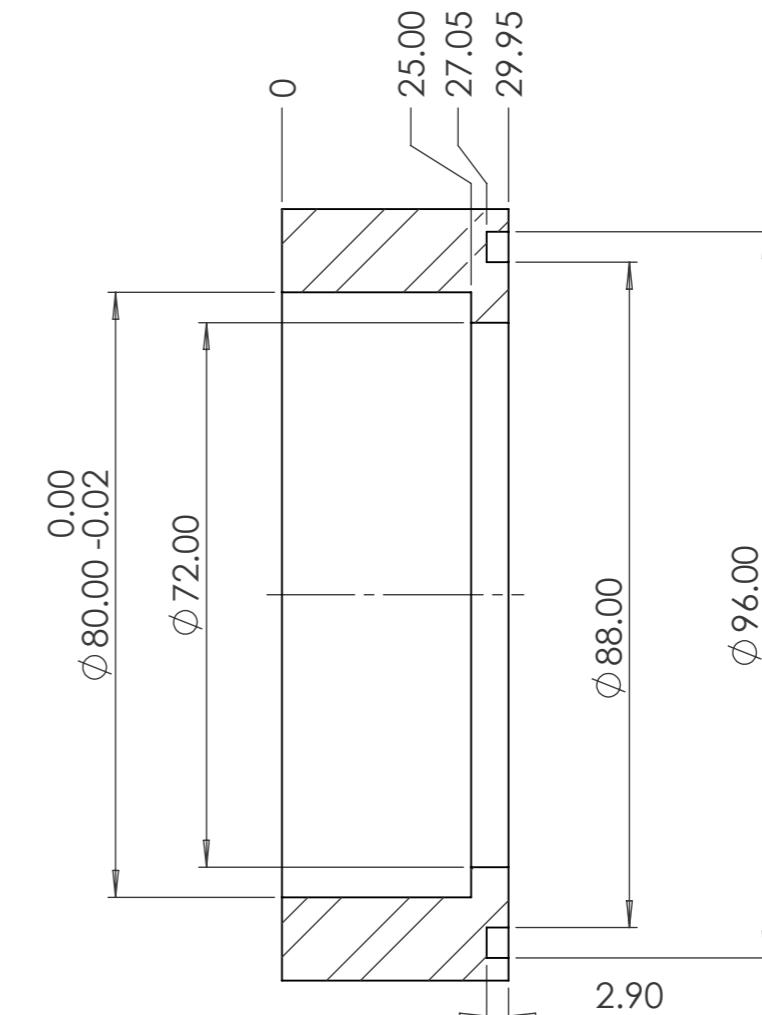
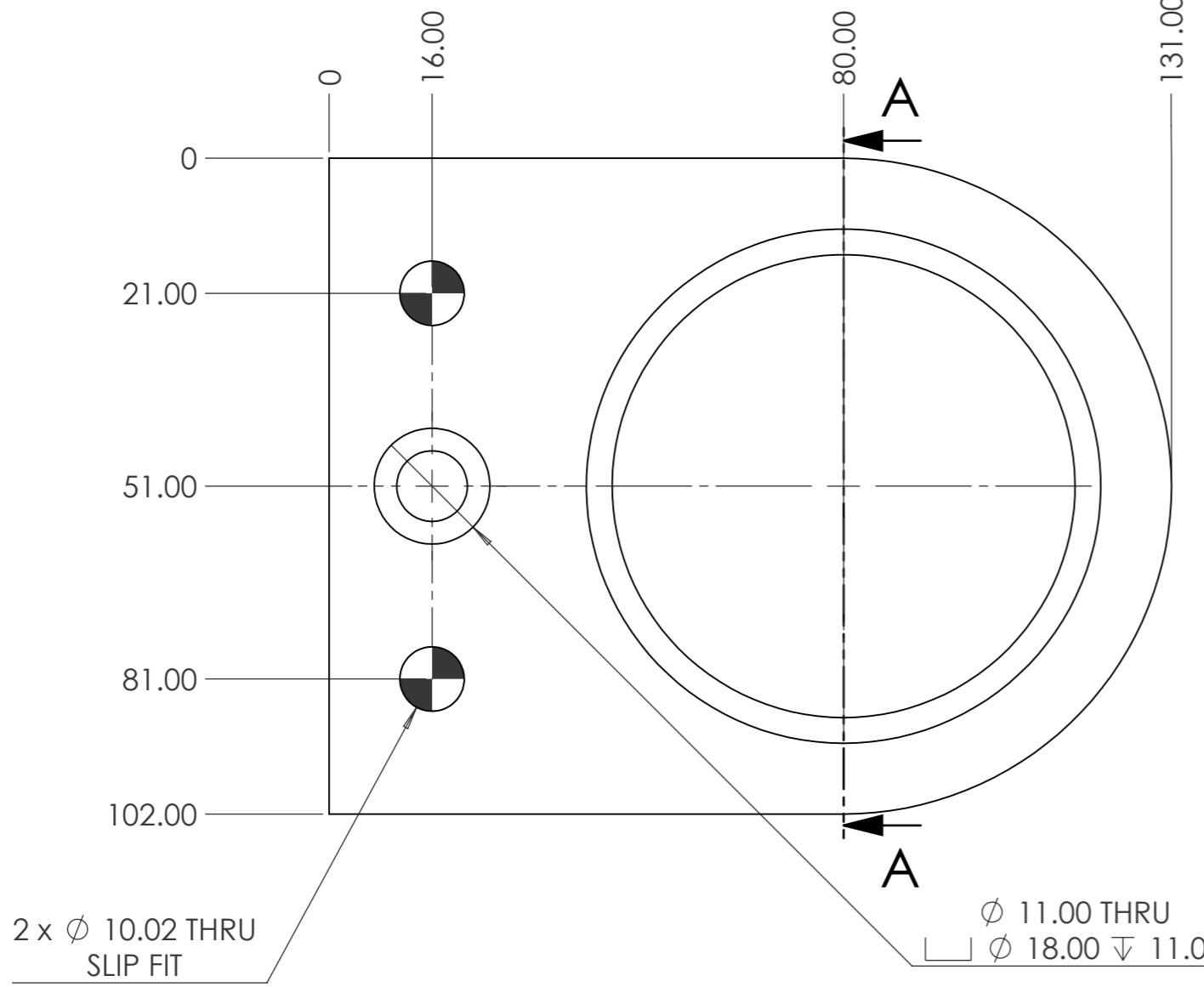
Swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER CAD SYSTEM: SW
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: 1018 CRS	HEAT TREAT: NO	ALL DIMENSIONS IN MM
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: Black Oxide		REV: 0	
QTY: 2		PART NUMBER: A40-1400-11-013-005 Blade Bottom		PART NAME:	
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1	SIZE A3



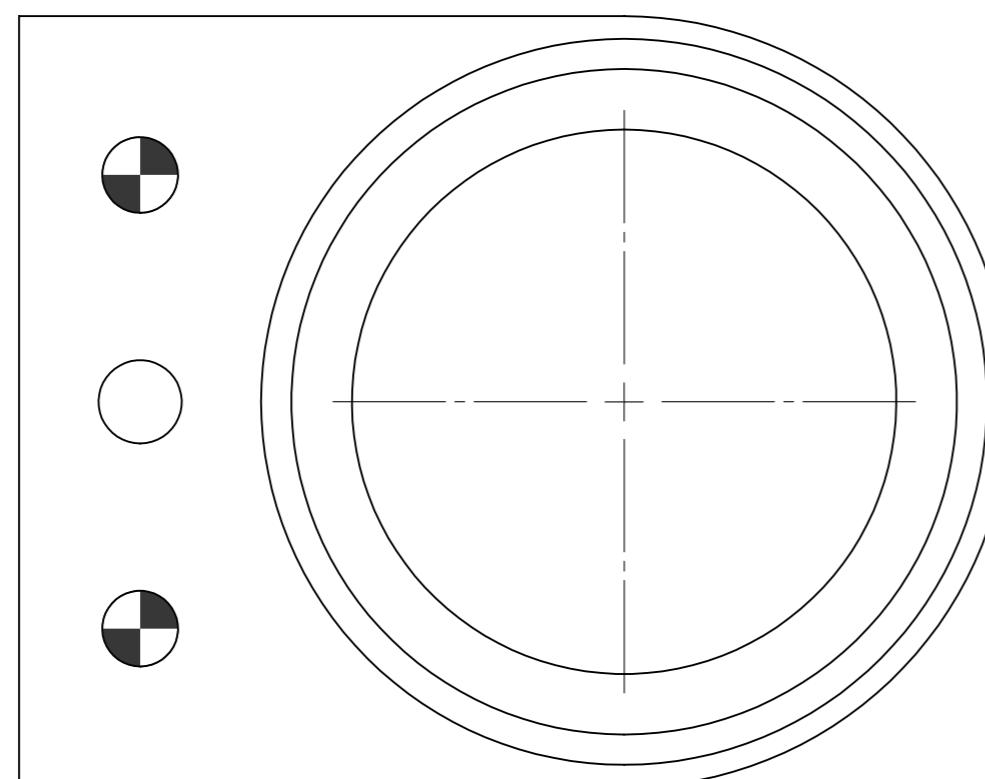
# SECTION A-A

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swoboda Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD ANGLE PROJECTION 	METRIC ALL DIMENSION IN MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
				GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM SW
DRAWN LAD	DATE (MM/DD/YY) 5/31/2022		MATERIAL 1018 CRS	HEAT TREAT	NO	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED			SURFACE COATING Black Oxide			REV 0
QTY: 1			PART NUMBER A40-1400-11-014-001	PART NAME Lower Left Shear Arm		
MOD N	VENDOR PART# N/A		DO NOT SCALE	SCALE 1:1	SHEET 1 OF 1	



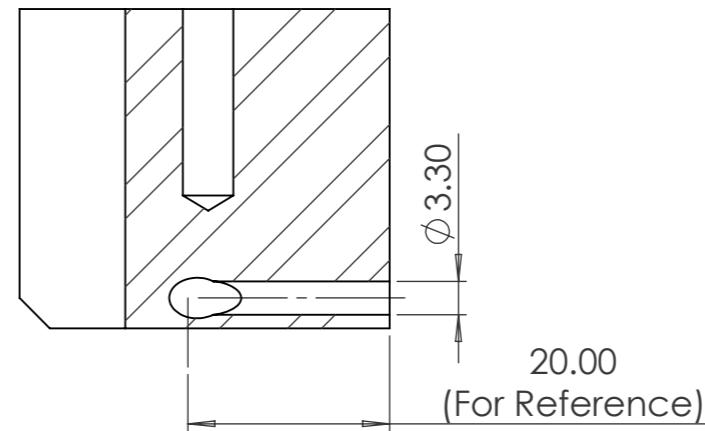
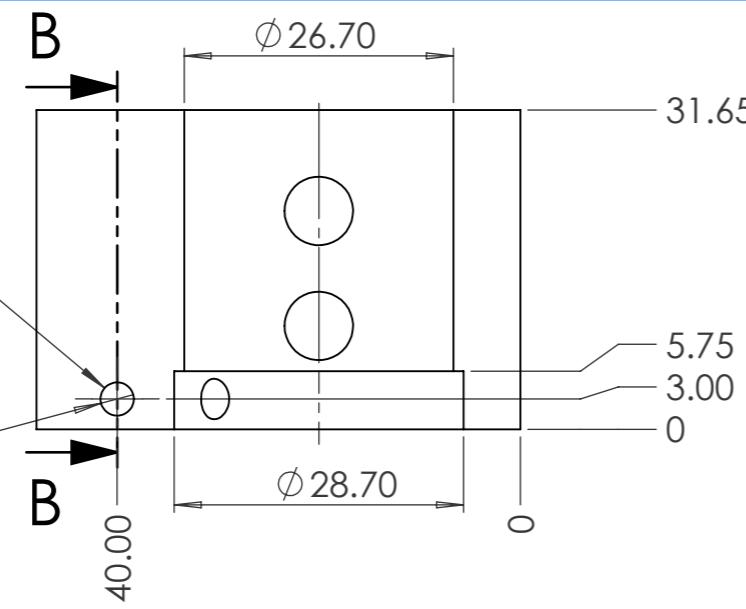
SECTION A-A



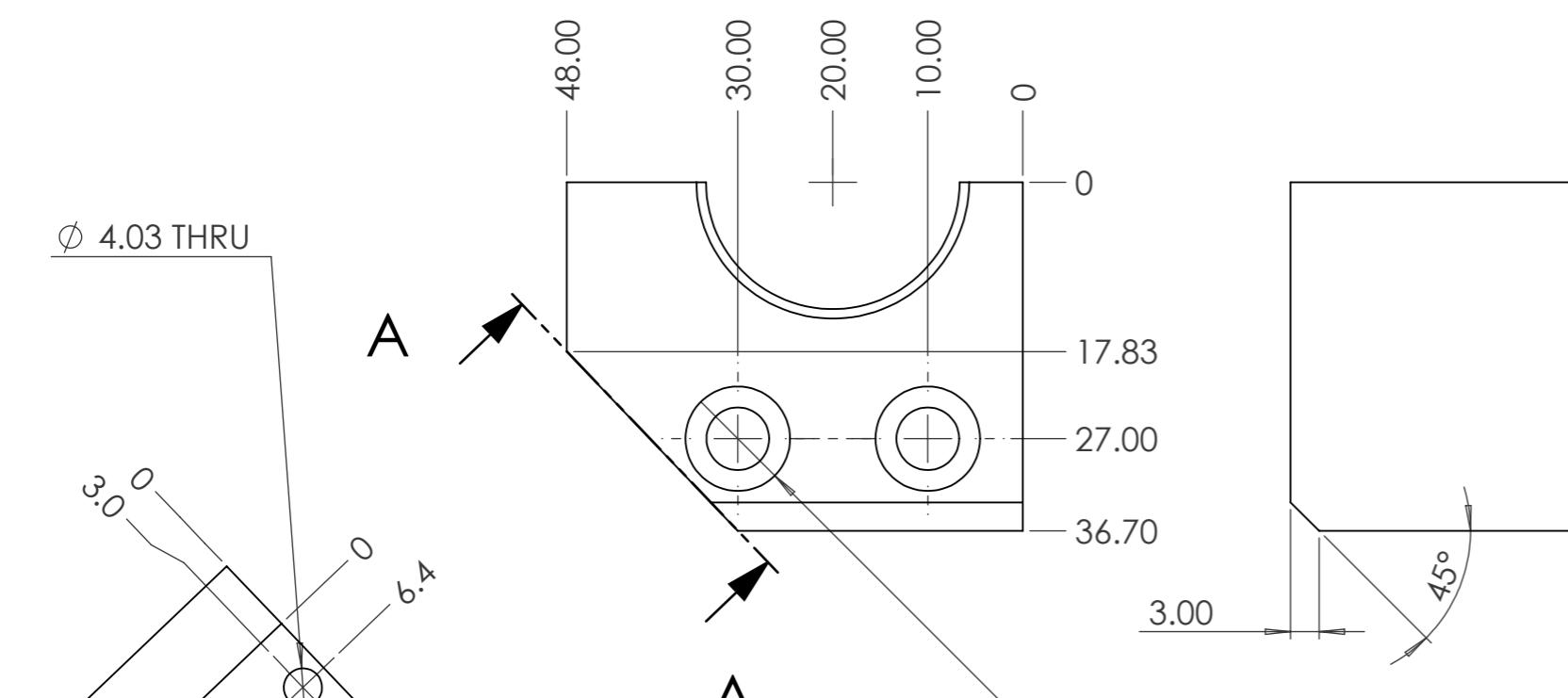
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
					GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$	CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: A2 Tool Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: Black Oxide	REV: 0			
QTY: 1		PART NUMBER: A40-1400-11-014-002 Lower Left Bearing Insert	PART NAME:			
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1		SIZE A3

NOTE: Complete  
4.03 THRU hole  
(See Section A-A)  
before attempting  
M4 x 0.7 Tapped hole  
(See Section B-B)

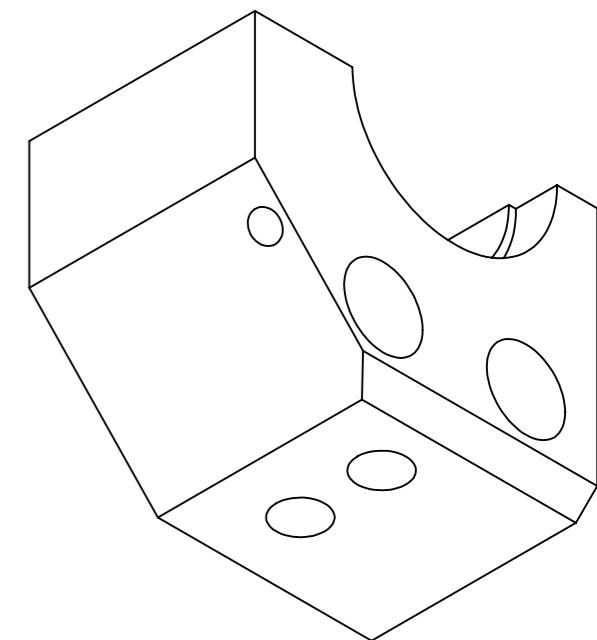
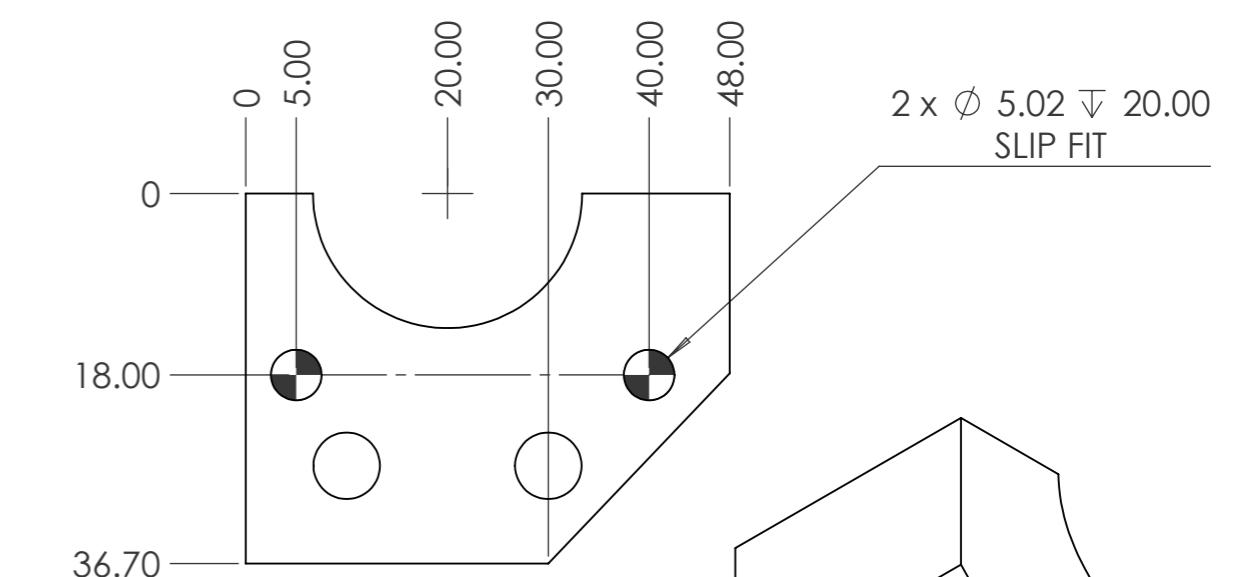
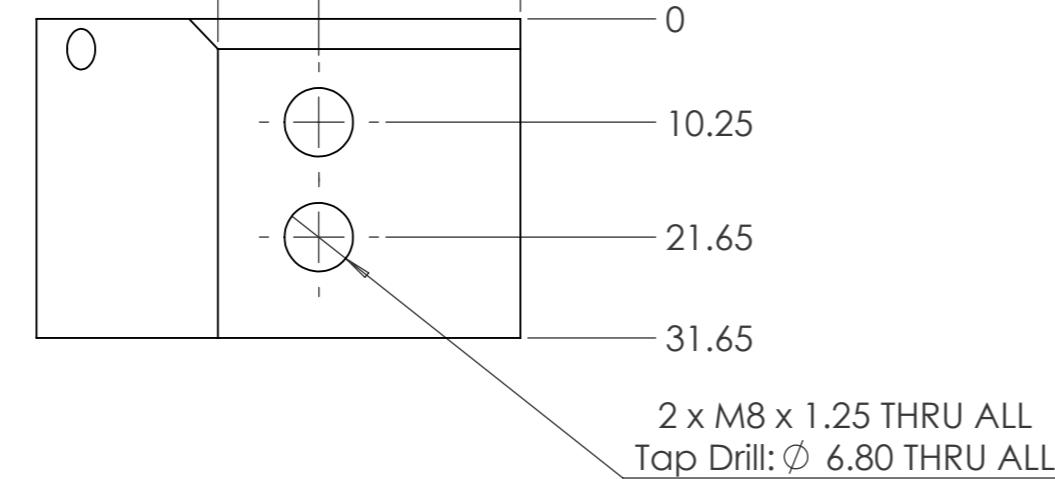
M4 x 0.7  $\downarrow$  17.00  
Tap Drill:  $\phi$  3.30  $\downarrow$  20.00  
(See Section B-B)



SECTION B-B

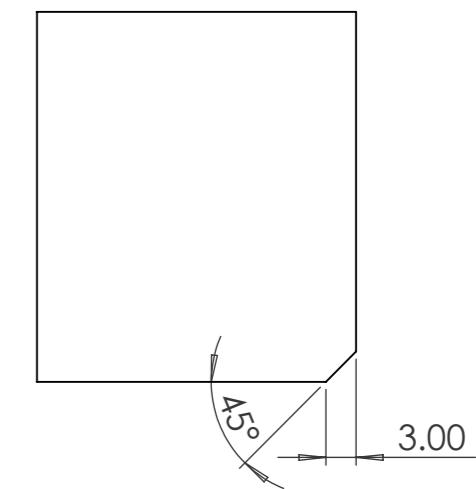
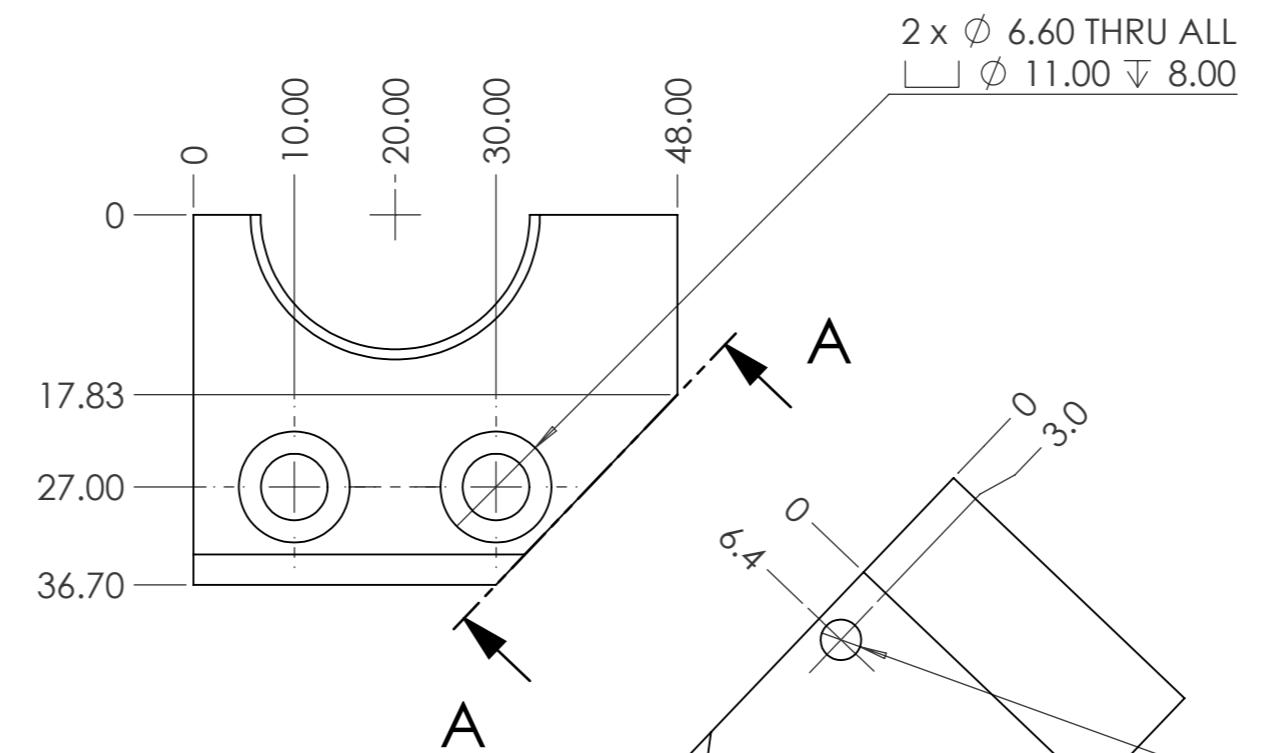
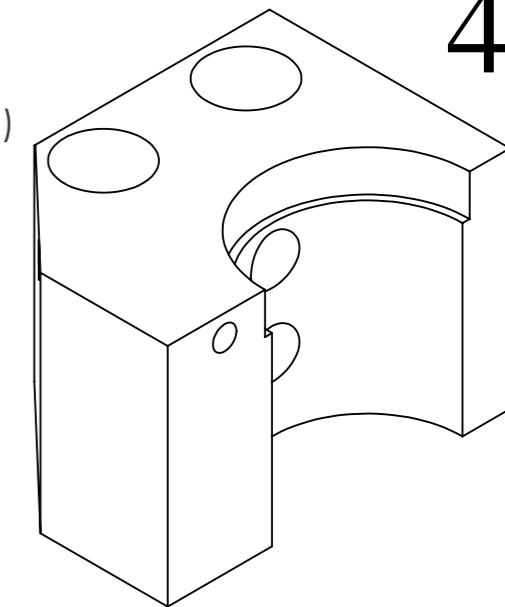
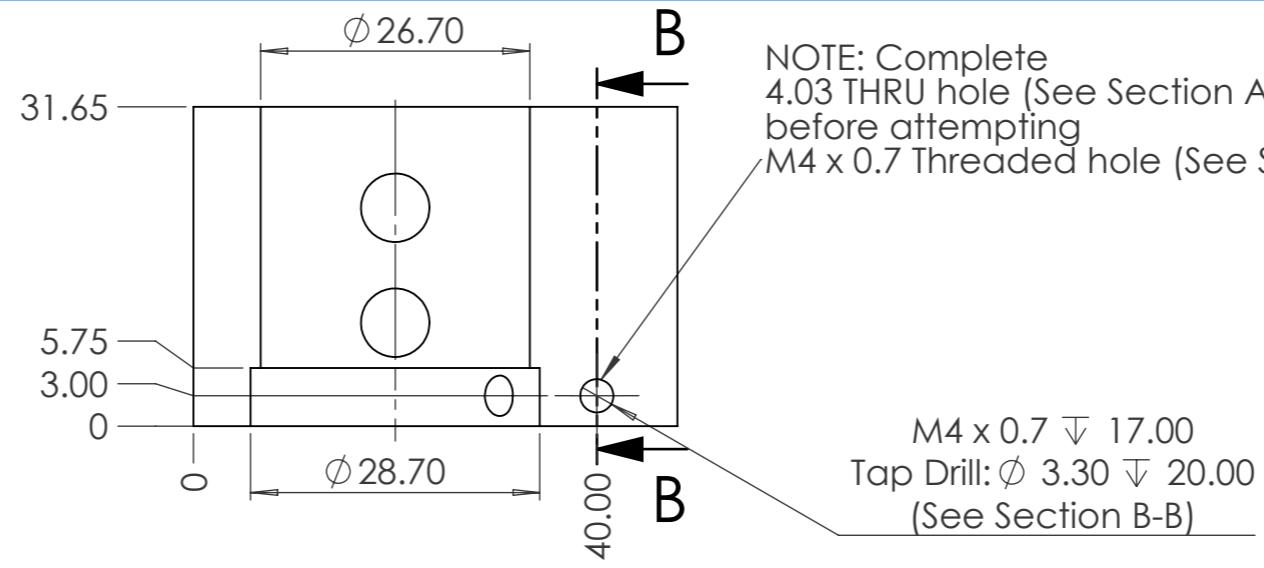
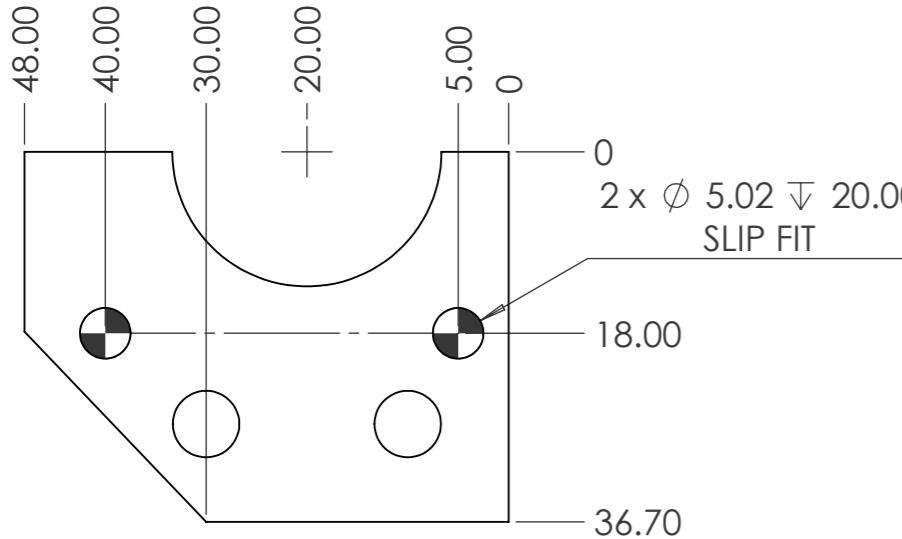
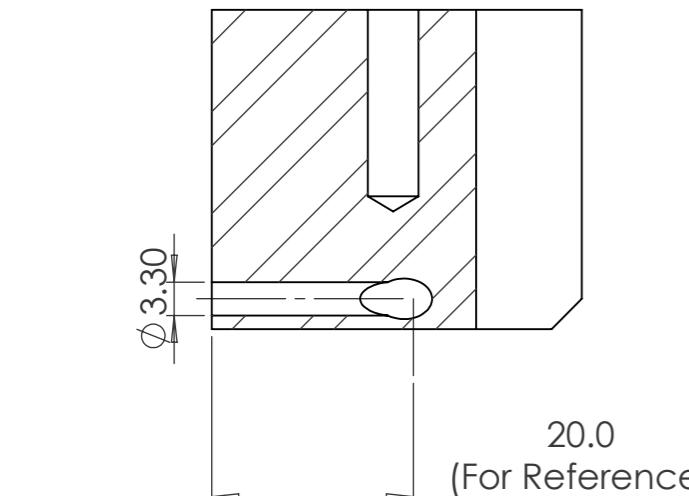


SECTION A-A

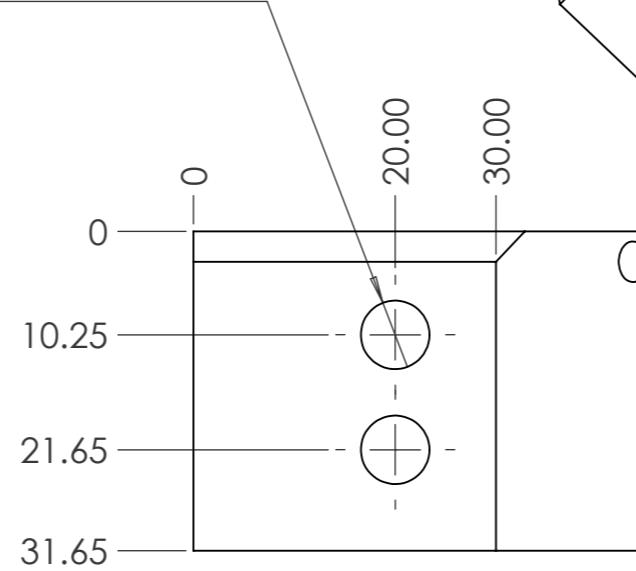


Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
					GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$	CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: A2 Tool Steel	HEAT TREAT: 54-56	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO				REV: 0
QTY: 1		PART NUMBER: A40-1400-11-015-001 Clamp Bottom Left	PART NAME:			
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1.5	SHEET: 1 OF 1		SIZE A3

## SECTION B-B

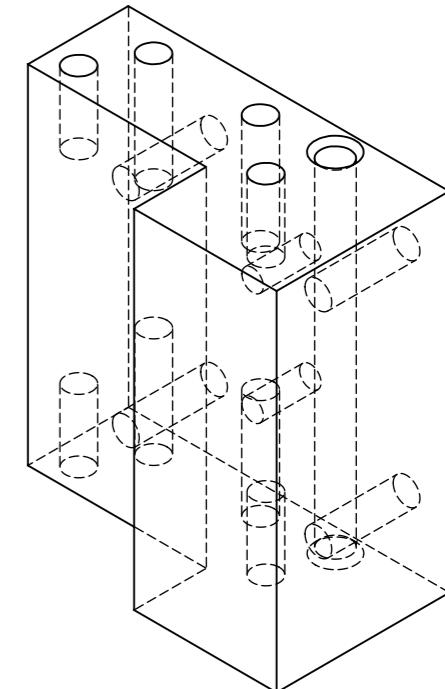
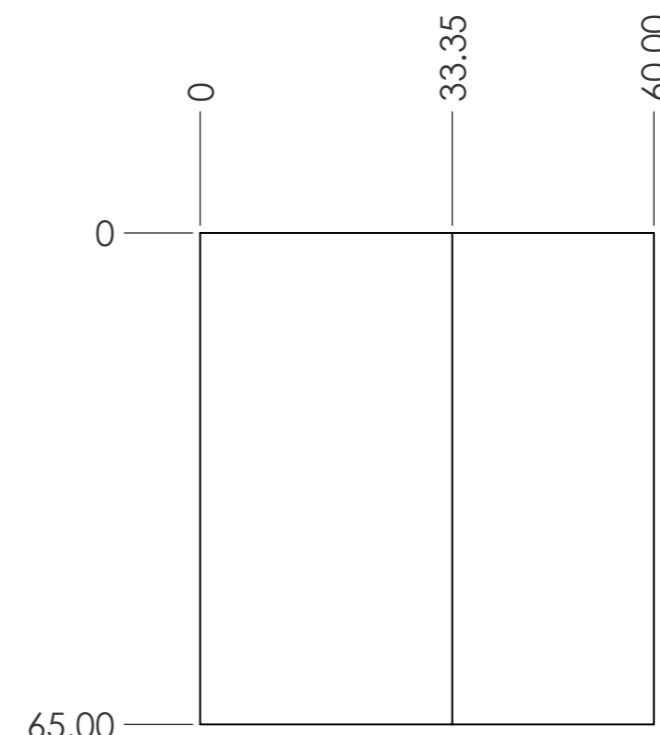
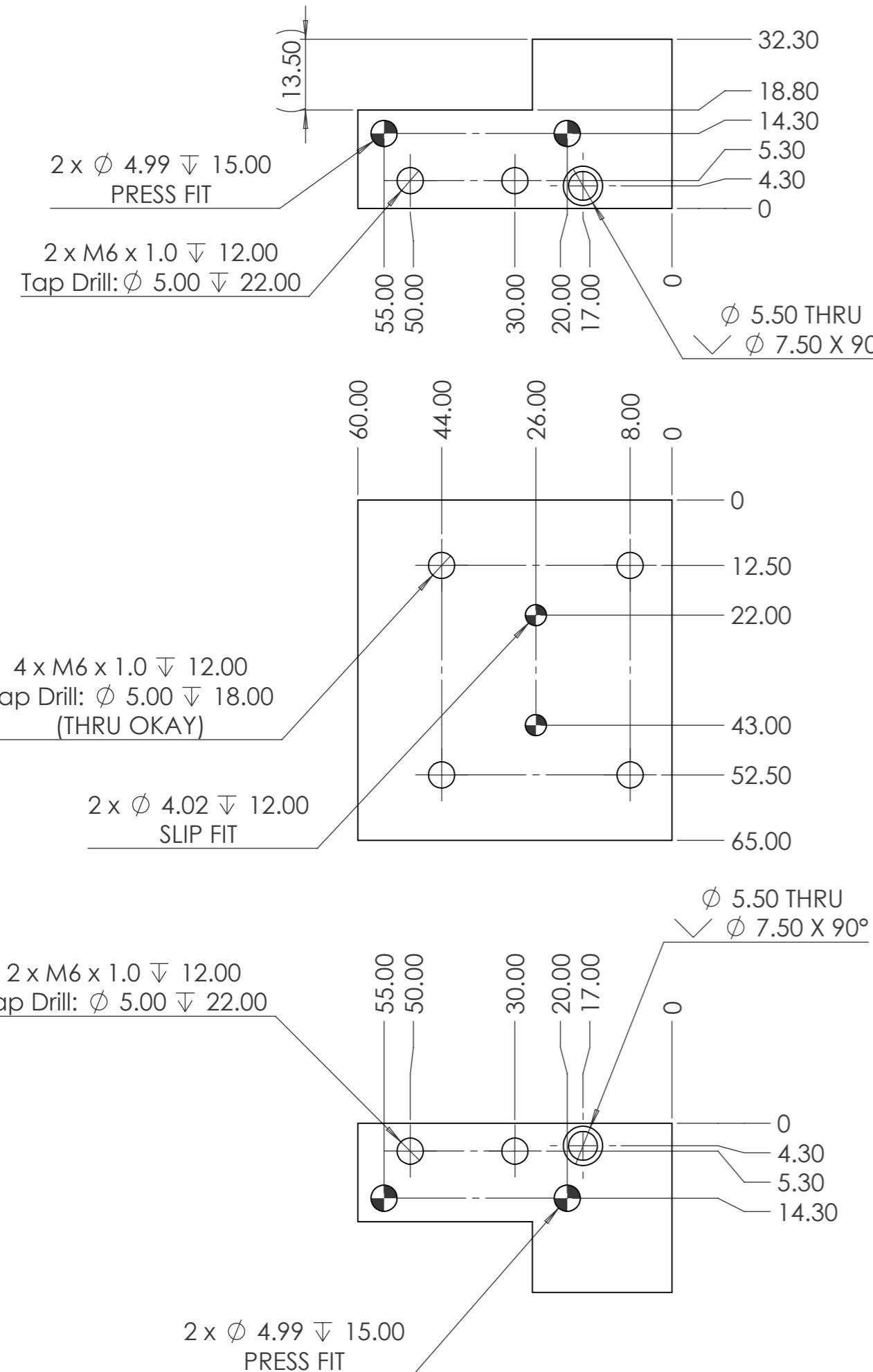


2 x M8 x 1.25 THRU ALL  
Tap Drill:  $\phi 6.80$  THRU ALL

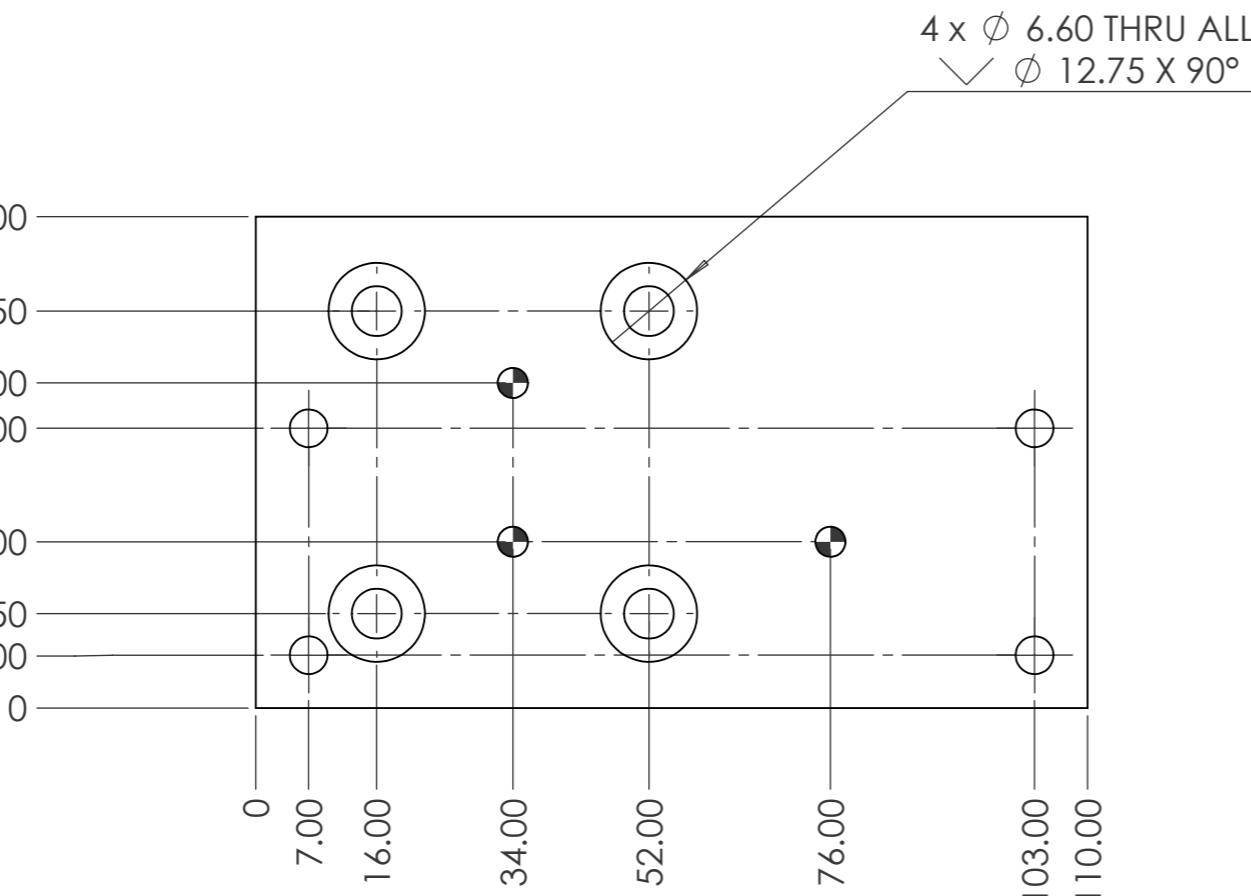
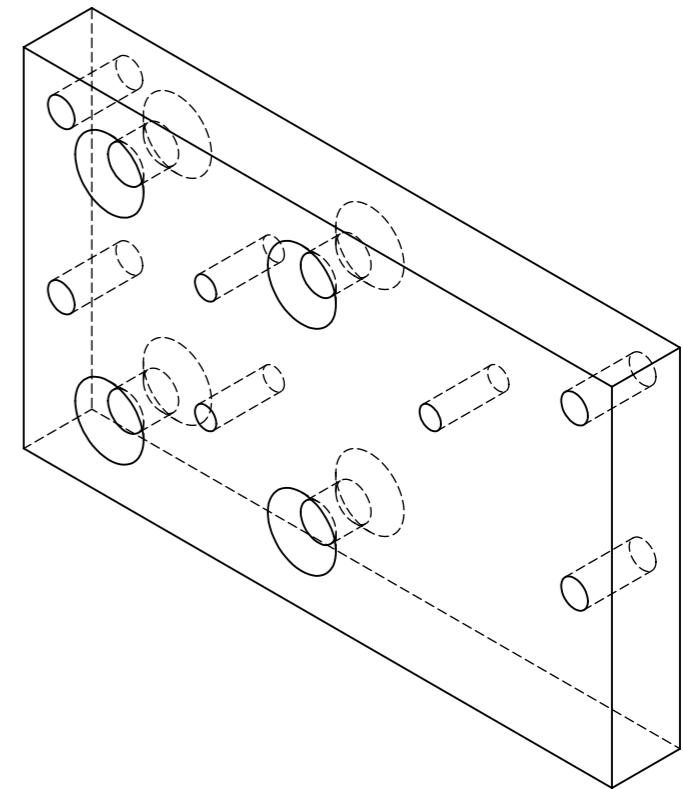
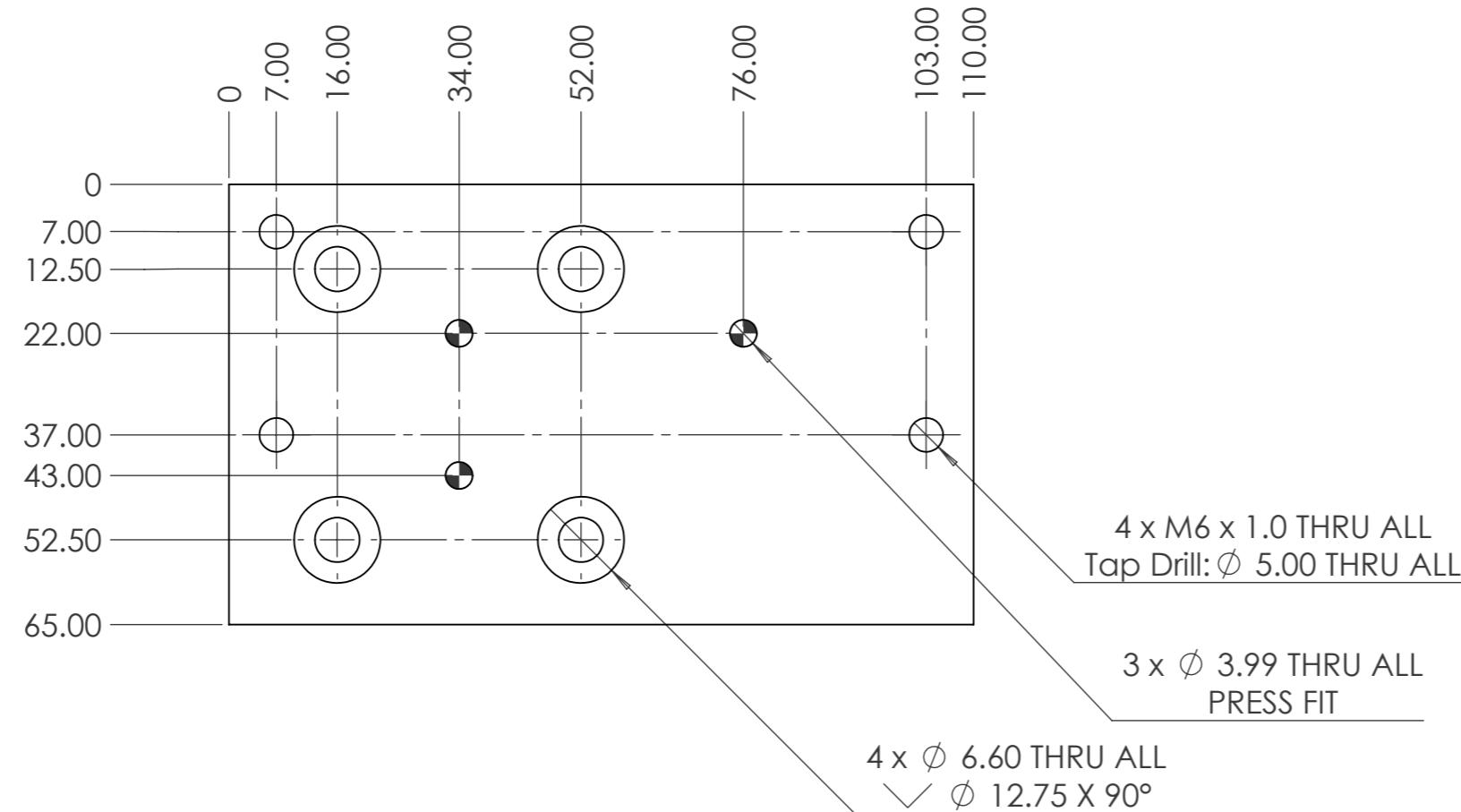


swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER CAD SYSTEM: SW
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: A2 Tool Steel	HEAT TREAT: 54-56	ALL DIMENSIONS IN MM
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO		REV: 0	
QTY: 1		PART NUMBER: A40-1400-11-016-001 Clamp Bottom Right		PART NAME:	
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1.5	SHEET: 1 OF 1	SIZE A3

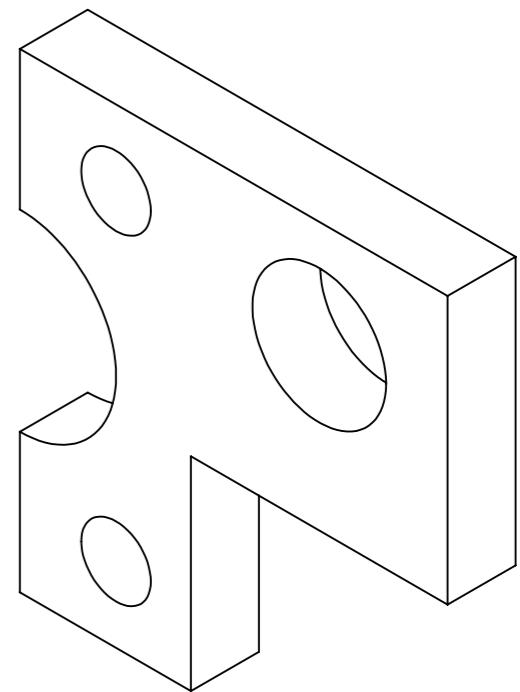
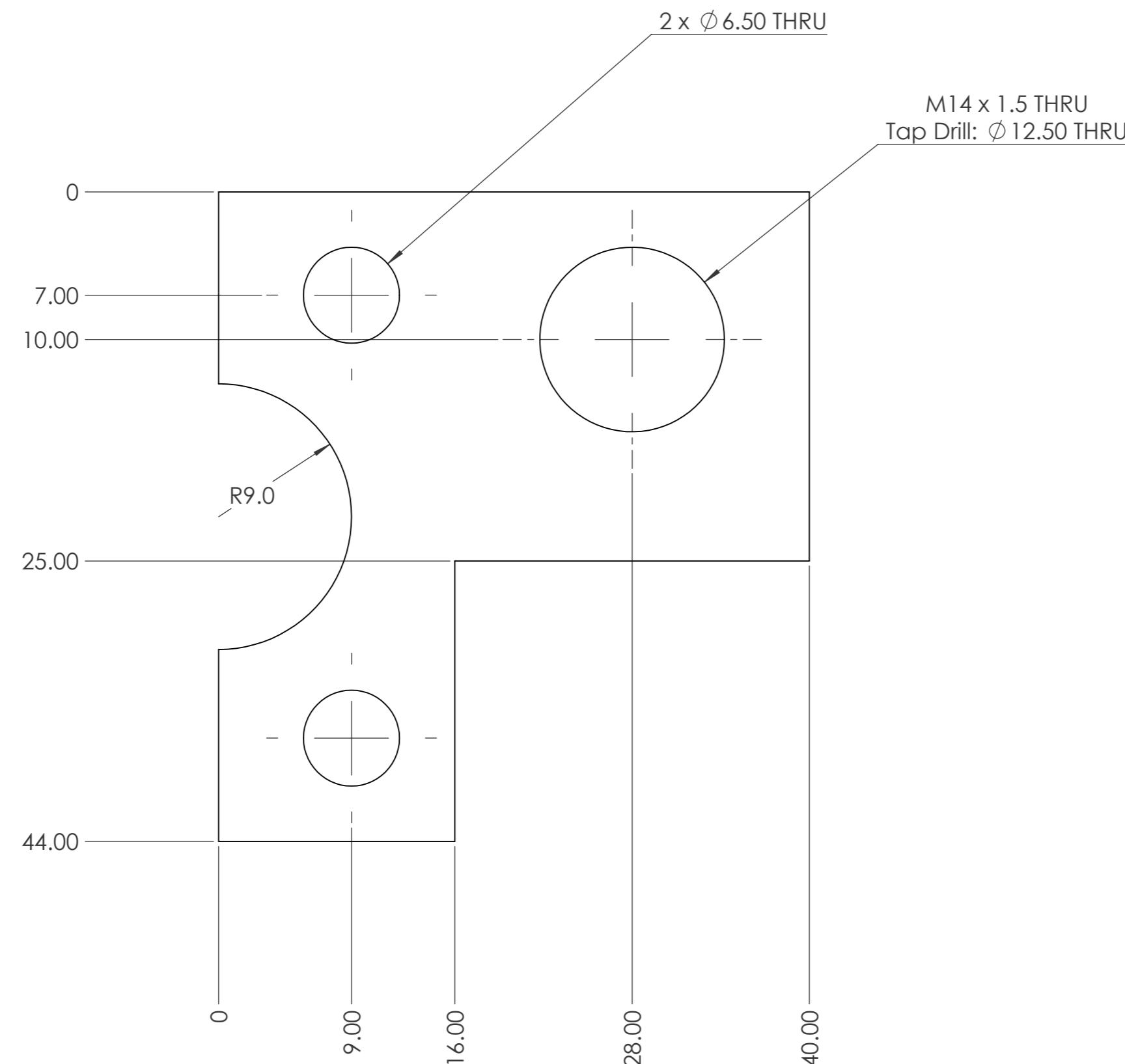
**REPRODUCED, MODIFIED, OR DISTRIBUTED WITHOUT PRIOR AUTHORIZATION.**



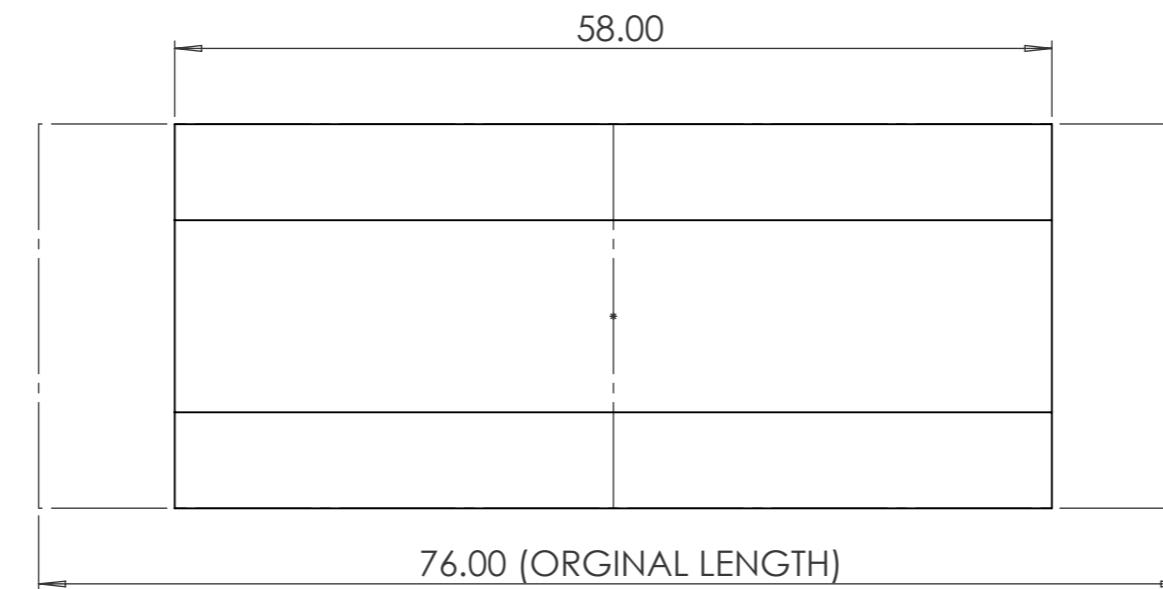
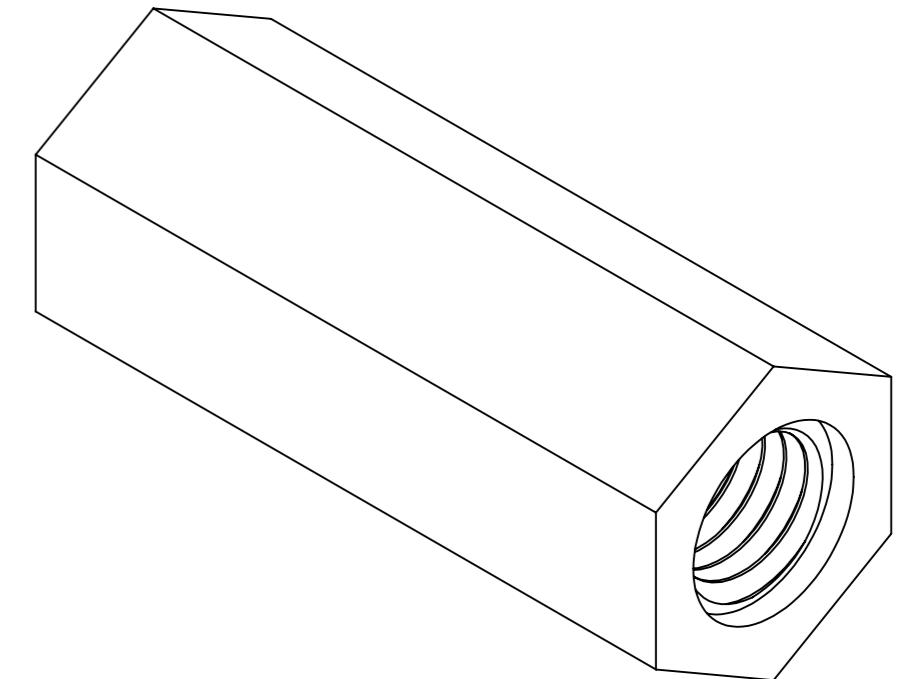
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		swoboda Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection 	METRIC GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ $ANGLE = \pm 1^\circ$	IN ACCORDANCE WITH ASME Y14.5M-1994 MASTER
DRAWN:	LD	DATE (MM/DD/YY)	5/31/2022	MATERIAL:	HEAT TREAT:
				ALUMINUM	NO
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING:			ALL DIMENSIONS IN MM
		NO			REV: 0
QTY: 2		PART NUMBER: A40-1400-11-016-002 Clamp Mid			PART NAME:
MOD: N	VENDOR PART#: N/A	DO NOT SCALE		SCALE: 1:1	SHEET: 1 OF 1



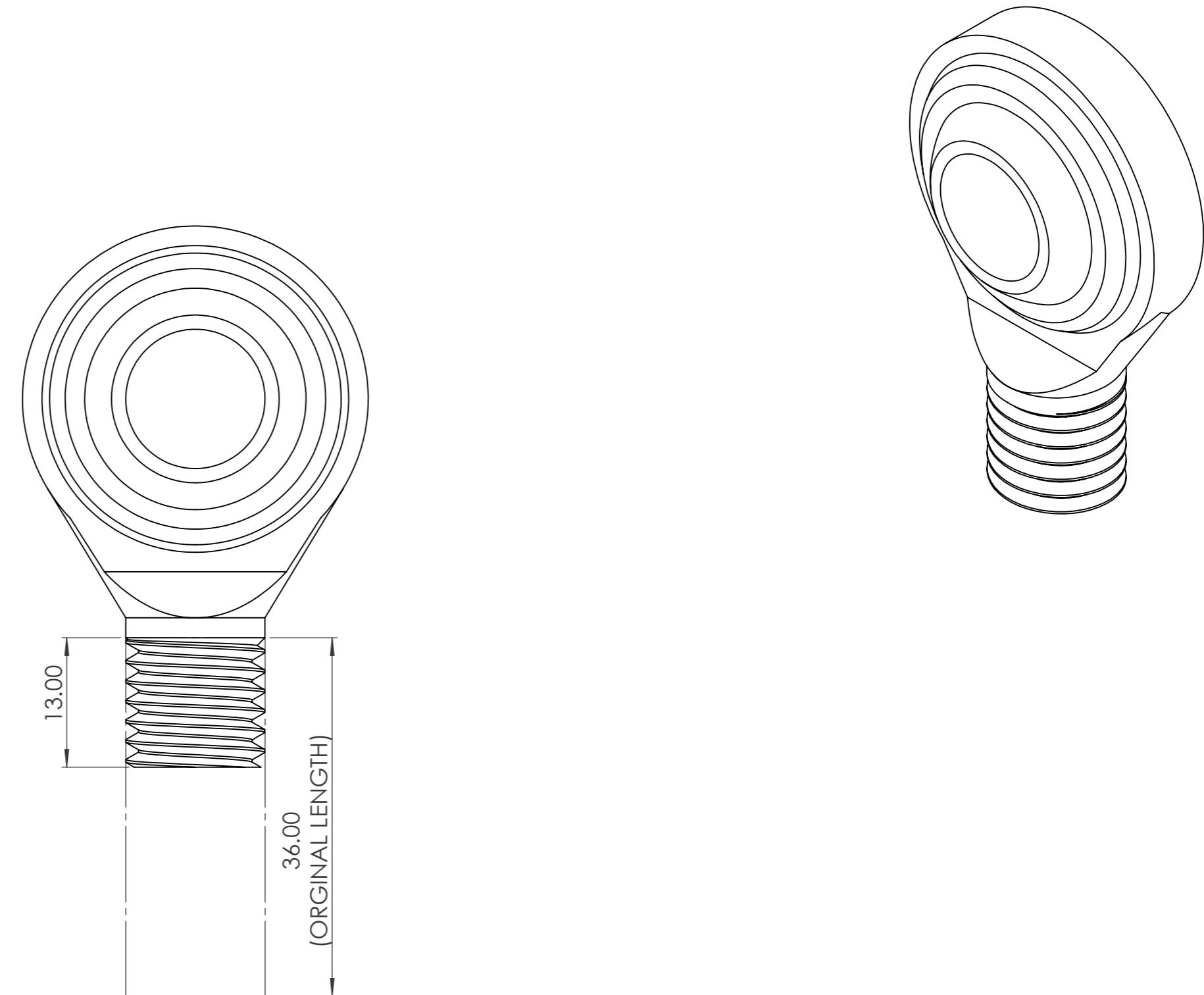
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
DRAWN: LD		DATE (MM/DD/YY) 5/31/2022	GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED	MATERIAL: MIC 6	HEAT TREAT: NO	ALL DIMENSIONS IN MM			
SURFACE COATING: NO				REV: 0		
QTY: 2	PART NUMBER: A40-1400-11-016-003 Clamp Back	PART NAME:				
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1		



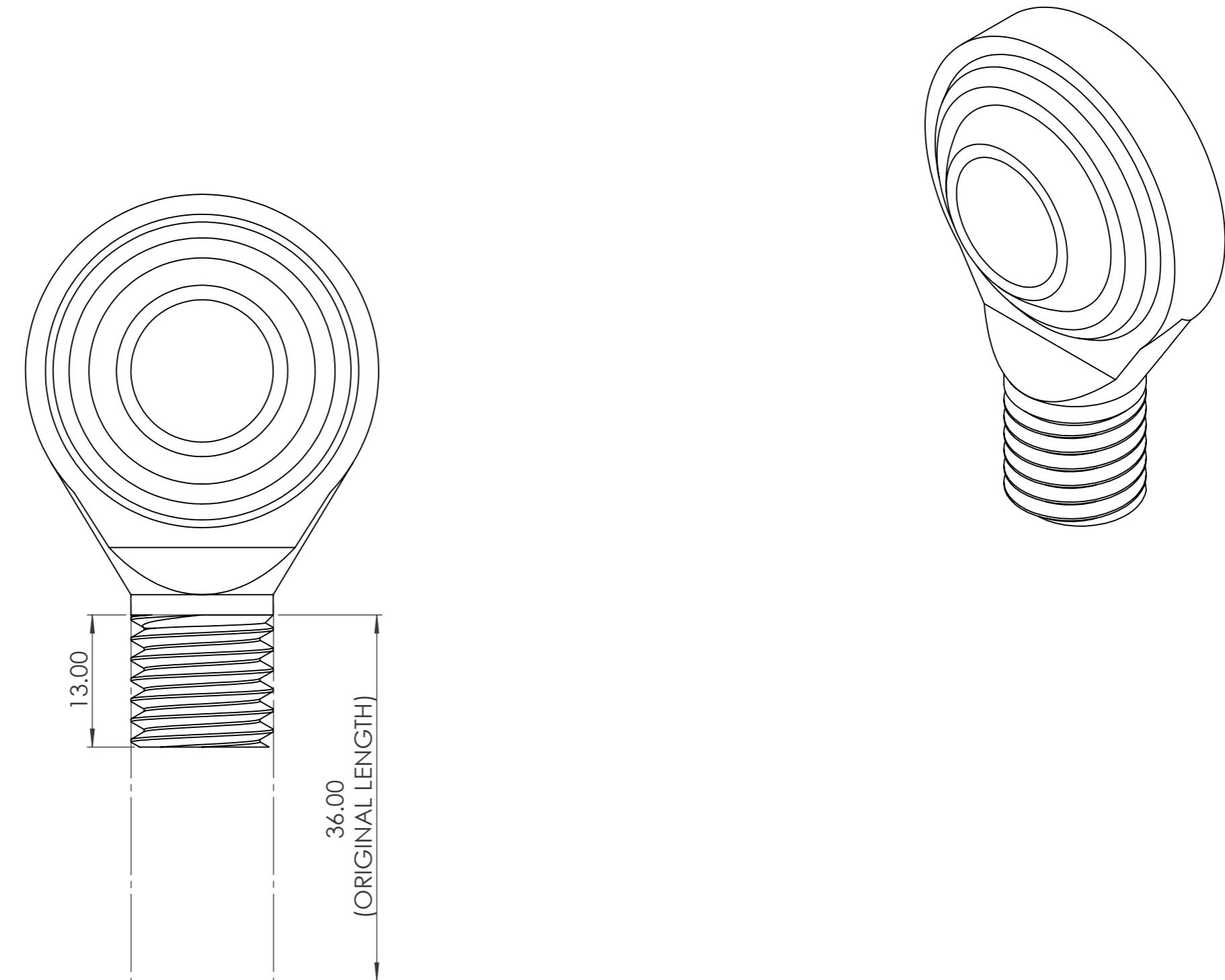
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	swoboda 3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 6/1/2022	MATERIAL: 1018 CRS	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: Black Oxide		REV: 0		
QTY: 2		PART NUMBER: A40-1400-11-016-004 Clamp Stop	PART NAME: Clamp Stop			
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 3:1	SHEET: 1 OF 1		



Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	<b>swoboda</b>	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: $X.X=\pm 0.1$ $X.XX=\pm 0.05$ ANGLE= $\pm 1^\circ$		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 4/21/2022	MATERIAL: 18-8 Stainless Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM		
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO		REV: 0			
<b>QTY:</b> 2		PART NUMBER: A40-1400-11-017-001 (8416N25_18-8 Stainless Stee		PART NAME:			
MOD:	VENDOR PART#: Y	8416N25 (McMaster-Carr)		DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1	SIZE A3

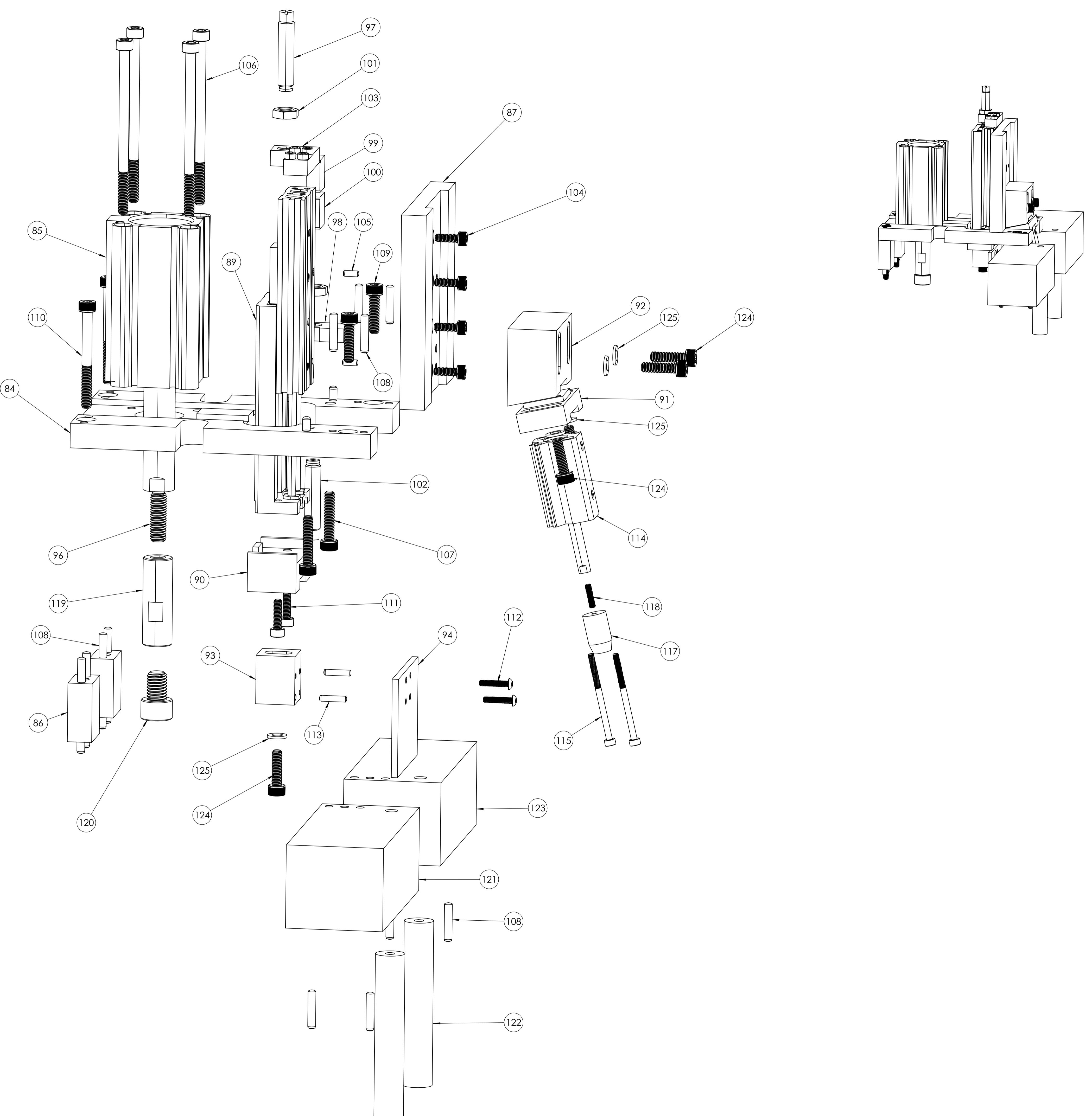


Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	<b>swoboda</b>	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 4/21/2022	MATERIAL: Carbon Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM		
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0				
<b>QTY:</b> 2		PART NUMBER: A40-1400-11-017-002 (60645K981_Ball Joint Rod Er)	PART NAME:				
MOD:	VENDOR PART#: Y 60645K82 (LH THREAD)	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1			

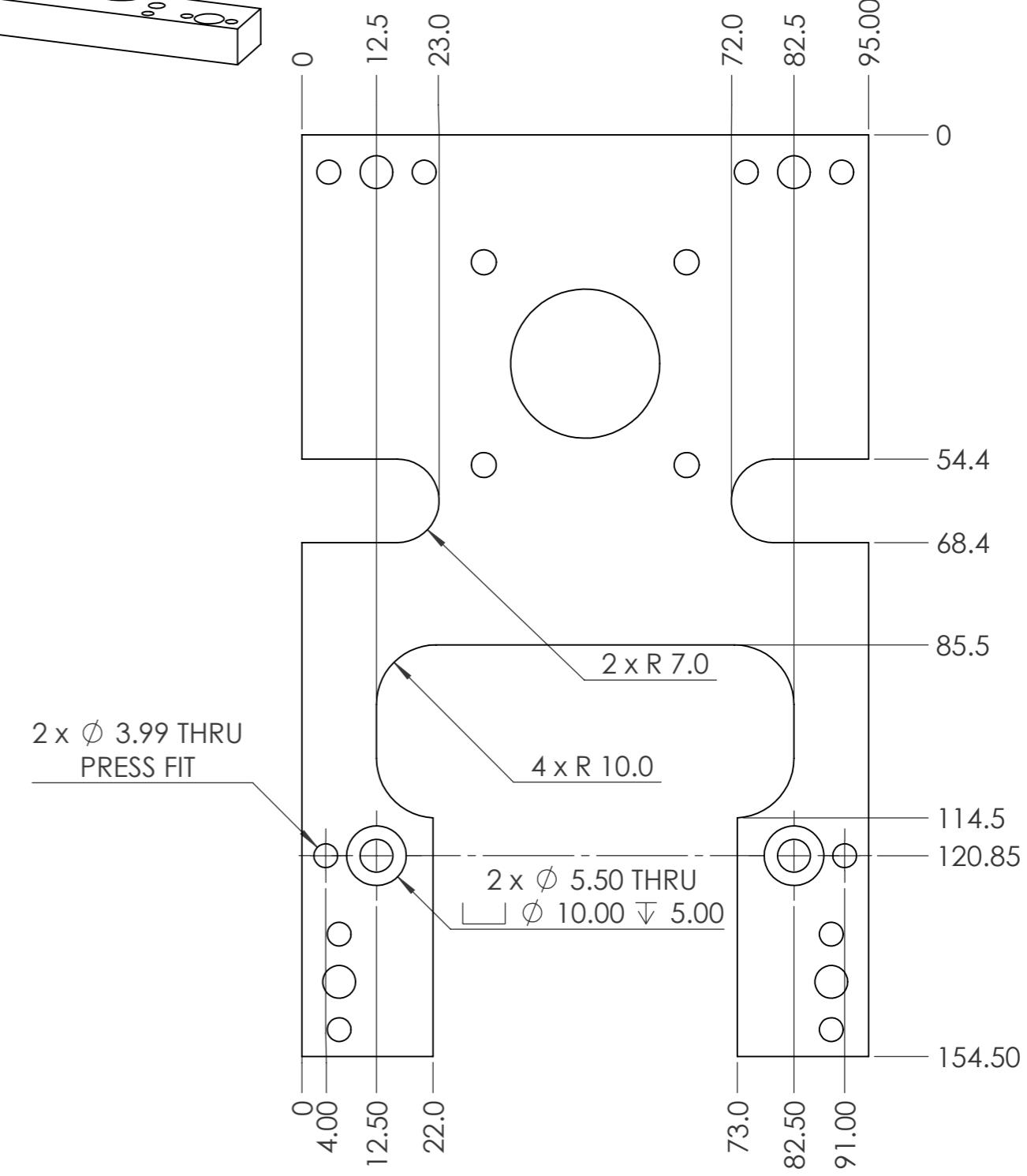
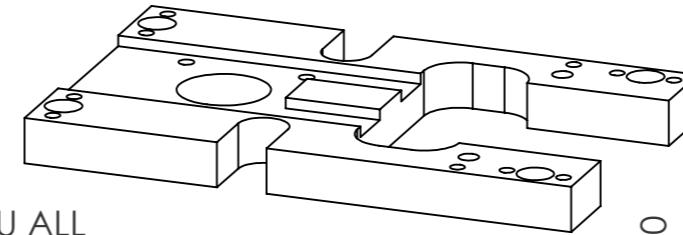
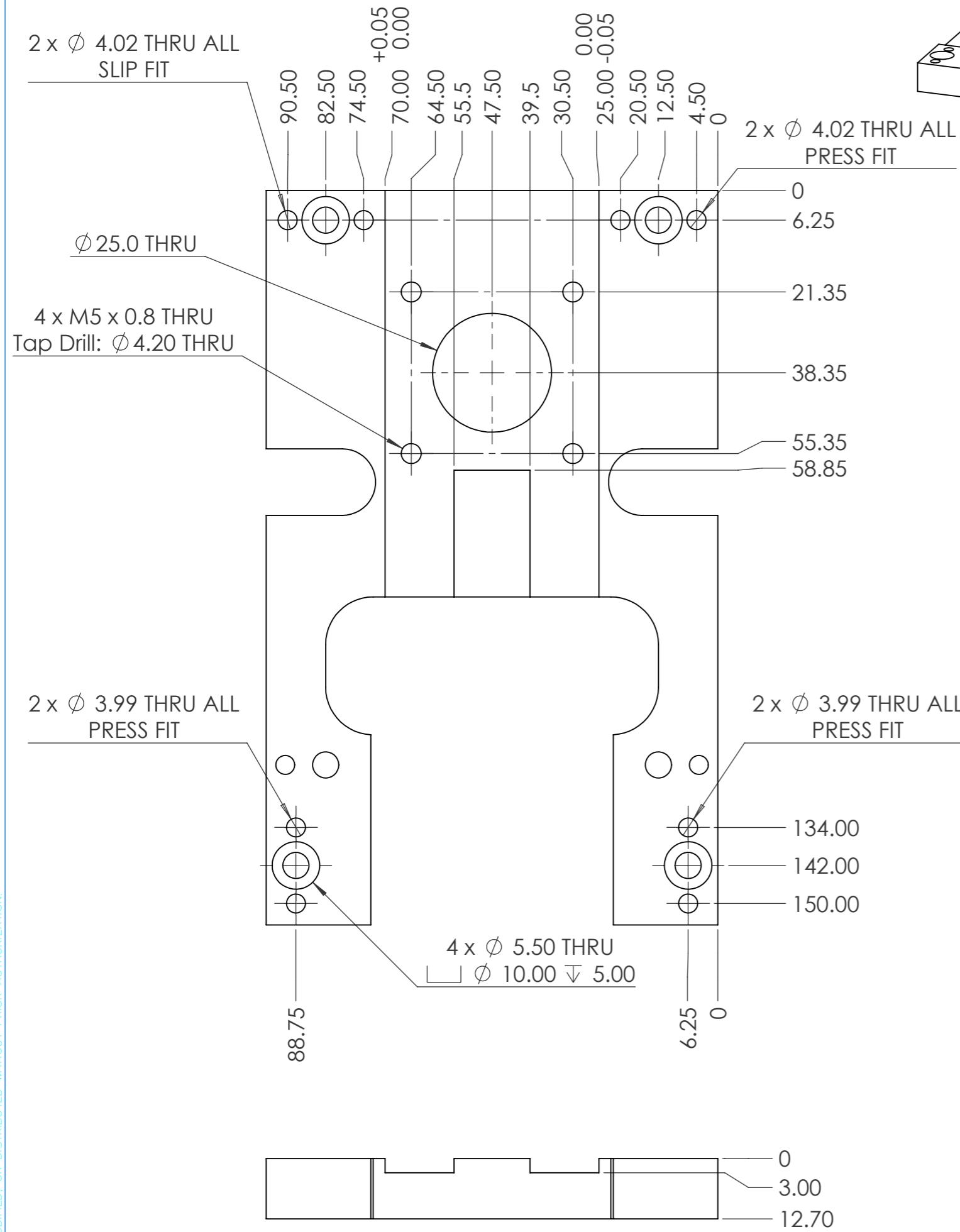


Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	<b>swoboda</b>	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 4/21/2022	MATERIAL: Carbon Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM		
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0				
<b>QTY:</b> 2		PART NUMBER: A40-1400-11-017-003 (60645K981_Ball Joint Rod End)	PART NAME:				
MOD:	VENDOR PART#: Y	60645K981 (RH THREAD)	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1		

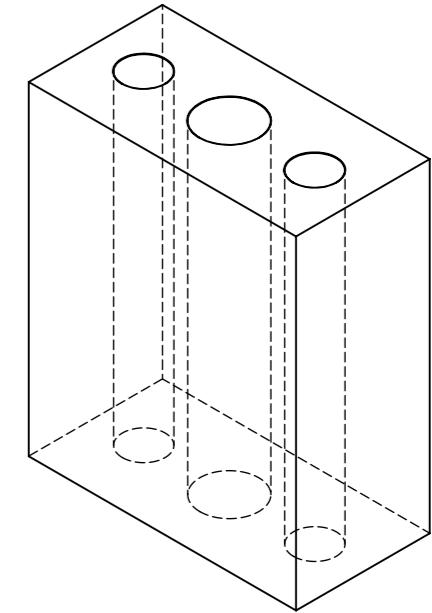
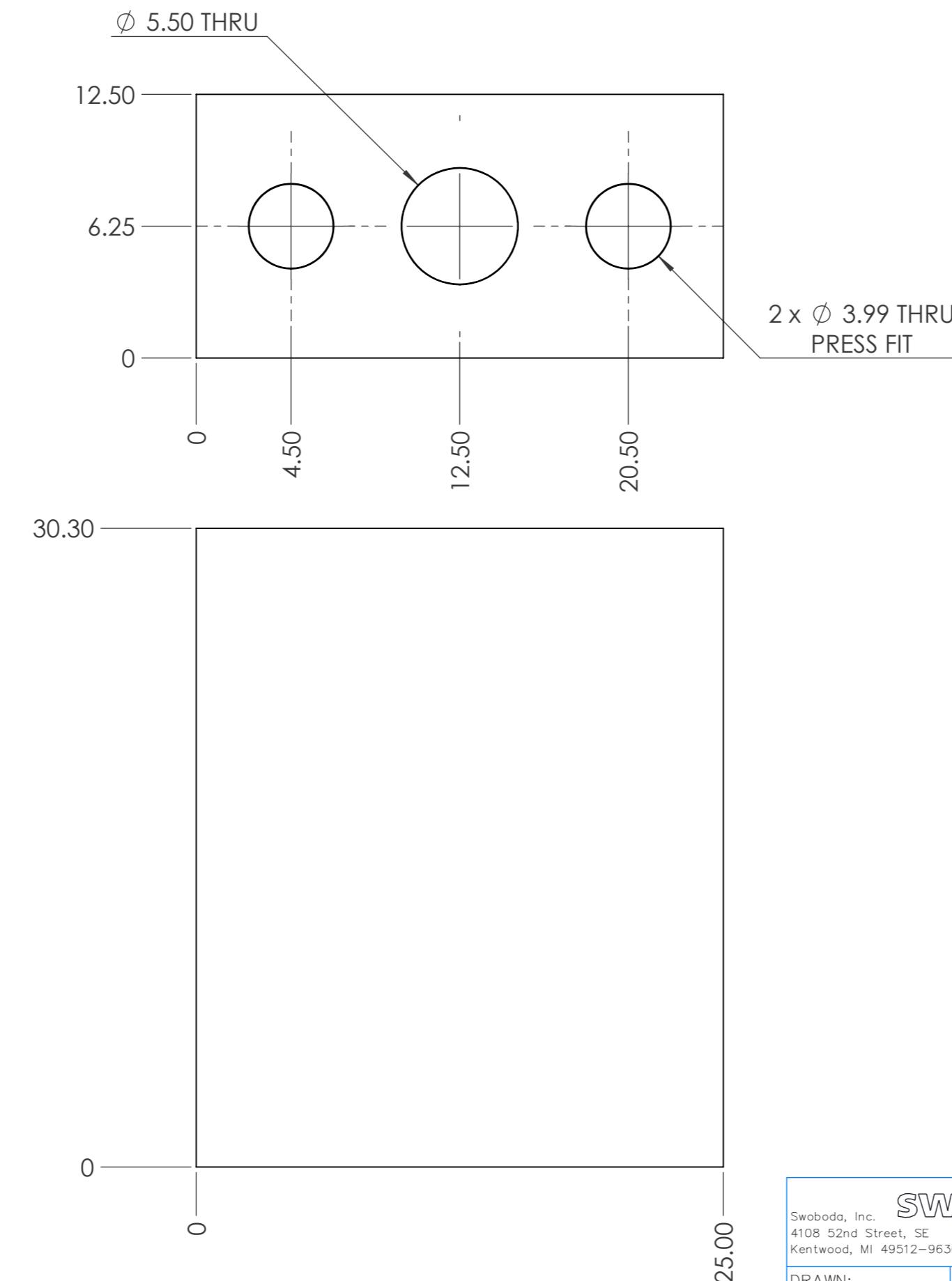
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
84	A40-1400-11-018-001		1
85	CDQ2B32_50DZ_0_1_0_5		1
86	A40-1400-11-018-002		2
87	A40-1400-11-018-006		1
88	MXS_50B_0_0_20		1
89	MXS_50B_0_0_18		1
90	A40-1400-11-018-009		1
91	A40-1400-11-018-008		1
92	A40-1400-11-018-007		1
93	A40-1400-11-018-010		1
94	A40-1400-11-018-011		1
95	CDQ2B32_50DZ_0_1_0_3		1
96	THR_D_ROD_M8_x_25	93675A250	1
97	MXS_BT8_X12	Shock Absorber	1
98	MXS_BS8	Extension End	1
99	MXS_8	Table Mount	1
100	MXS_8_2	Table Mount	1
101	MXS_B8_NUT	Nut	2
102	MXS_BS8_X12	Shock Absorber	1
103	MXS_BT8	Retraction End	1
104	HEX_SOC_CAP_SCR_M_4_X_12	91290A148	4
105	DOWEL_M3_X_8	91595A104	2
106	HEX_SOC_CAP_SCR_M_5_X_85	91290A105	4
107	HEX_SOC_CAP_SCR_M_5_X_25	91290A252	2
108	DOWEL_M4_X_20	91595A167	18
109	HEX_SOC_CAP_SCR_M_5_X_20	91290A242	2
110	HEX_SOC_CAP_SCR_M_5_X_50	91290A262	2
111	HEX_SOC_CAP_SCR_M_4_X_15	91290A306	2
112	BUTT_HD_SCR_M3_X_15	91239A811	2
113	DOWEL_M3_X_14	91595A114	2
114	CDQ2B12_15DCZ_0_1_0_8		1
115	HFX_SOC_CAP_SCR_M_3_X_45	91290A079	2
116	CDQ2B12_15DCZ_0_1_0_6		1
117	FPSFJTB_D12_L20_N3_J (Misumi)	12 x 20 Pre Stop Plug	1
118	THR_D_ROD_M3_X_12	93805A629	1
119	PSFGZ15_45_M8_N10_S C22(Misumi)	15 x 45 Washer Removal Shaft	1
120	HEX_SOC_CAP_SCR_M_10_X_14	91290A127	1
121	A40-1400-11-018-003	Stop Block Left	1
122	A40-1400-11-018-005	Stop Pin	2
123	A40-1400-11-018-004	Stop Block Right	1
124	91290A238	Alloy Steel Socket Head Screw	5
125	98687A110	General Purpose Steel Washer	5



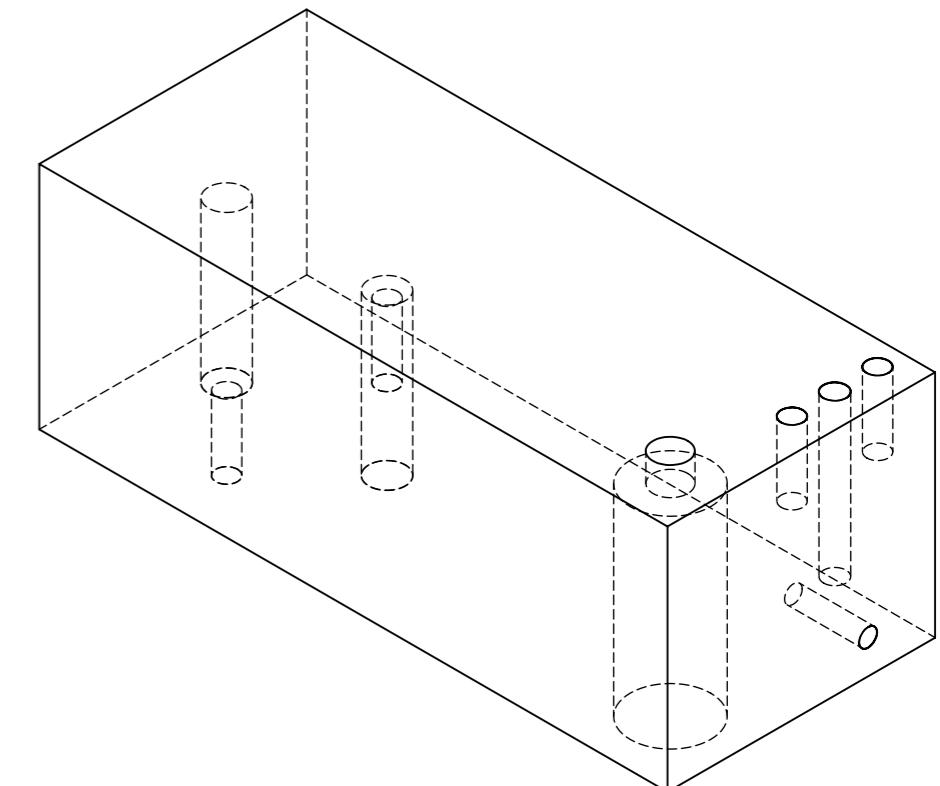
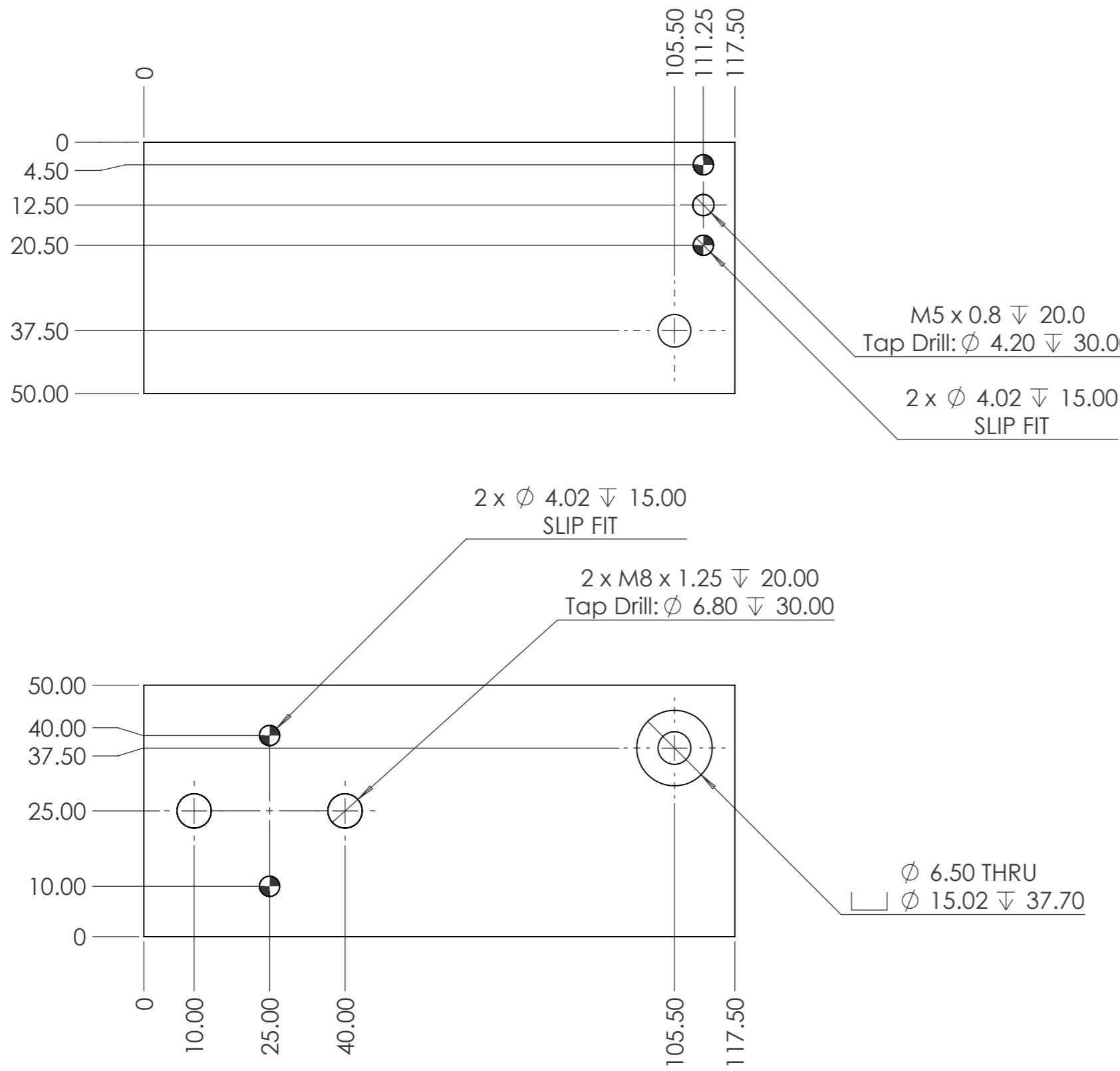
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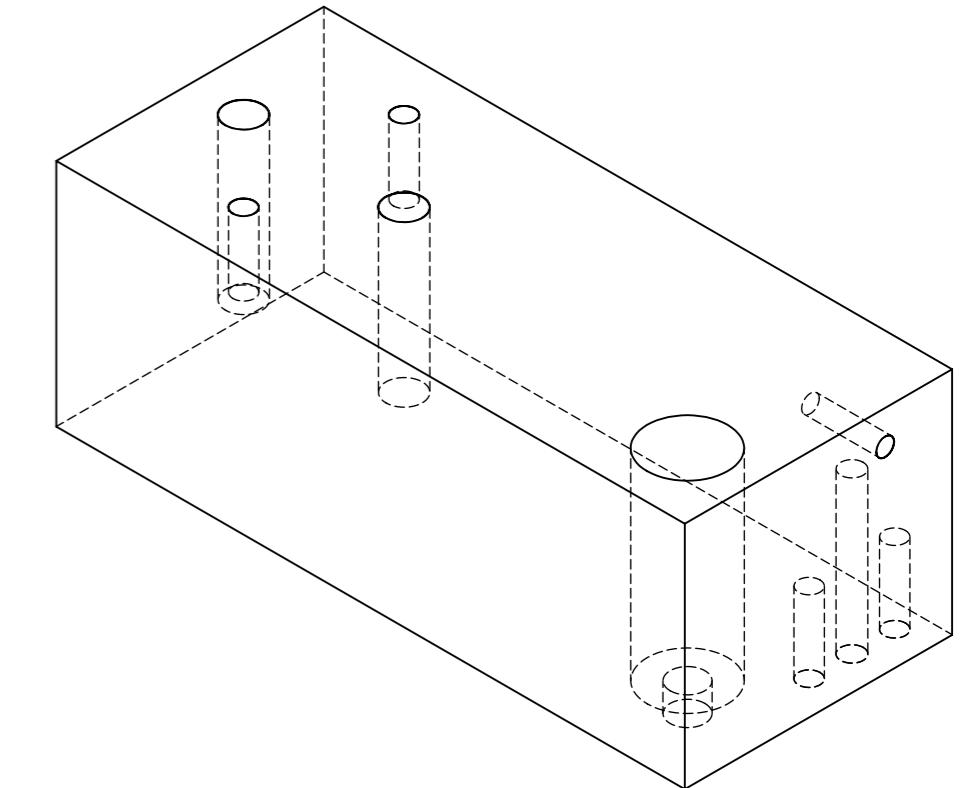
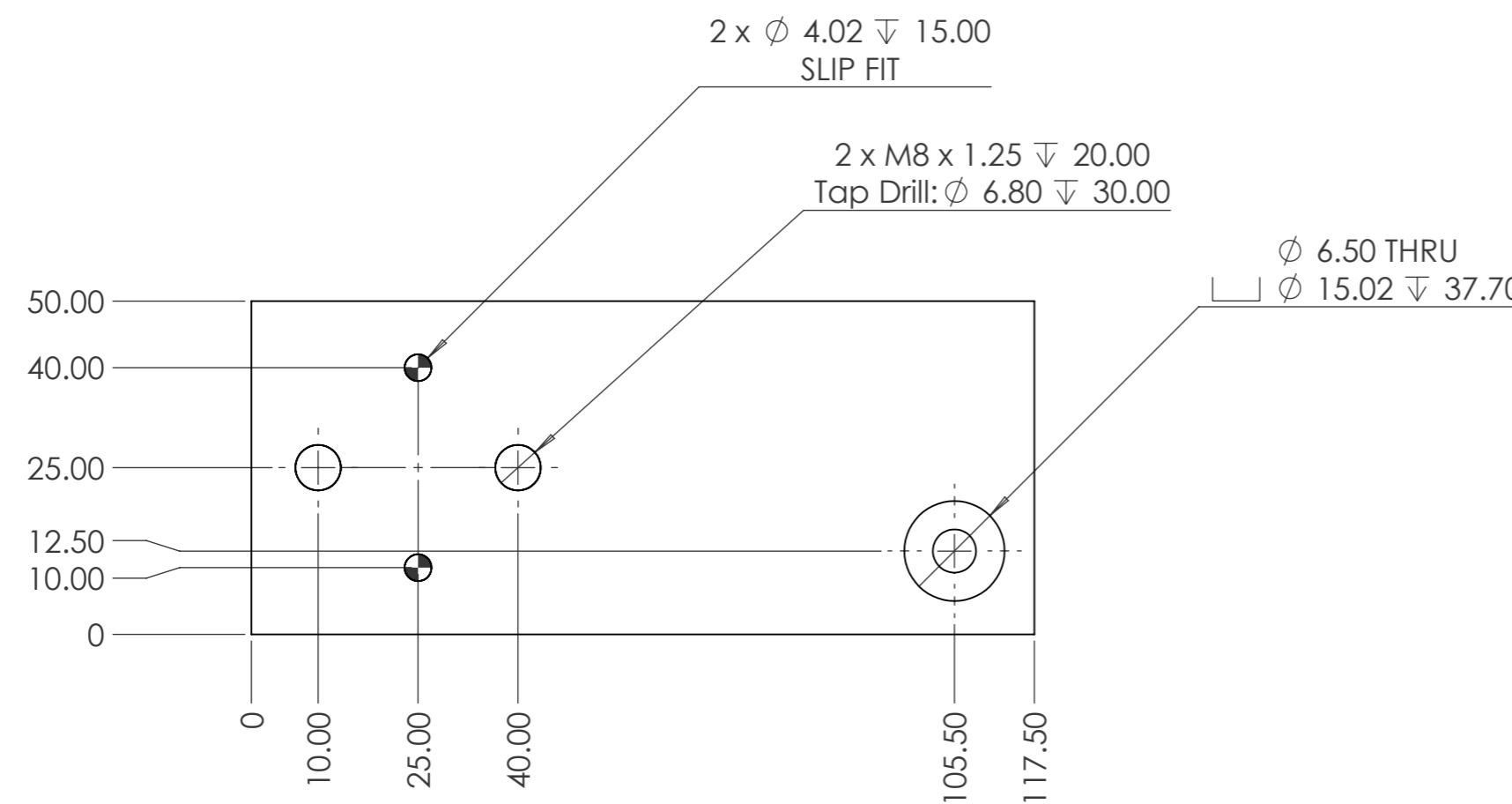
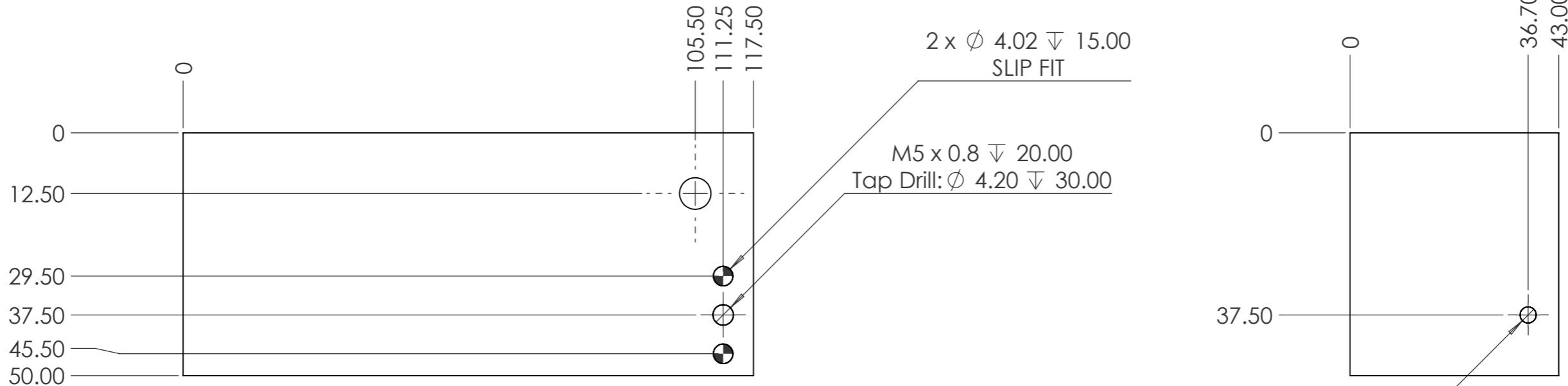
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection 	METRIC GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°	IN ACCORDANCE WITH ASME Y14.5M-1994 MASTER
DRAWN: LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: MIC 6	HEAT TREAT: NO	CAD SYSTEM: SW	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO			REV: 0
QTY: 1		PART NUMBER: A40-1400-11-018-001 Washer Base PART NAME:			
MOD: N	VENDOR PART#: N/A	DO NOT SCALE		SCALE: 1:1	SHEET: 1 OF 1



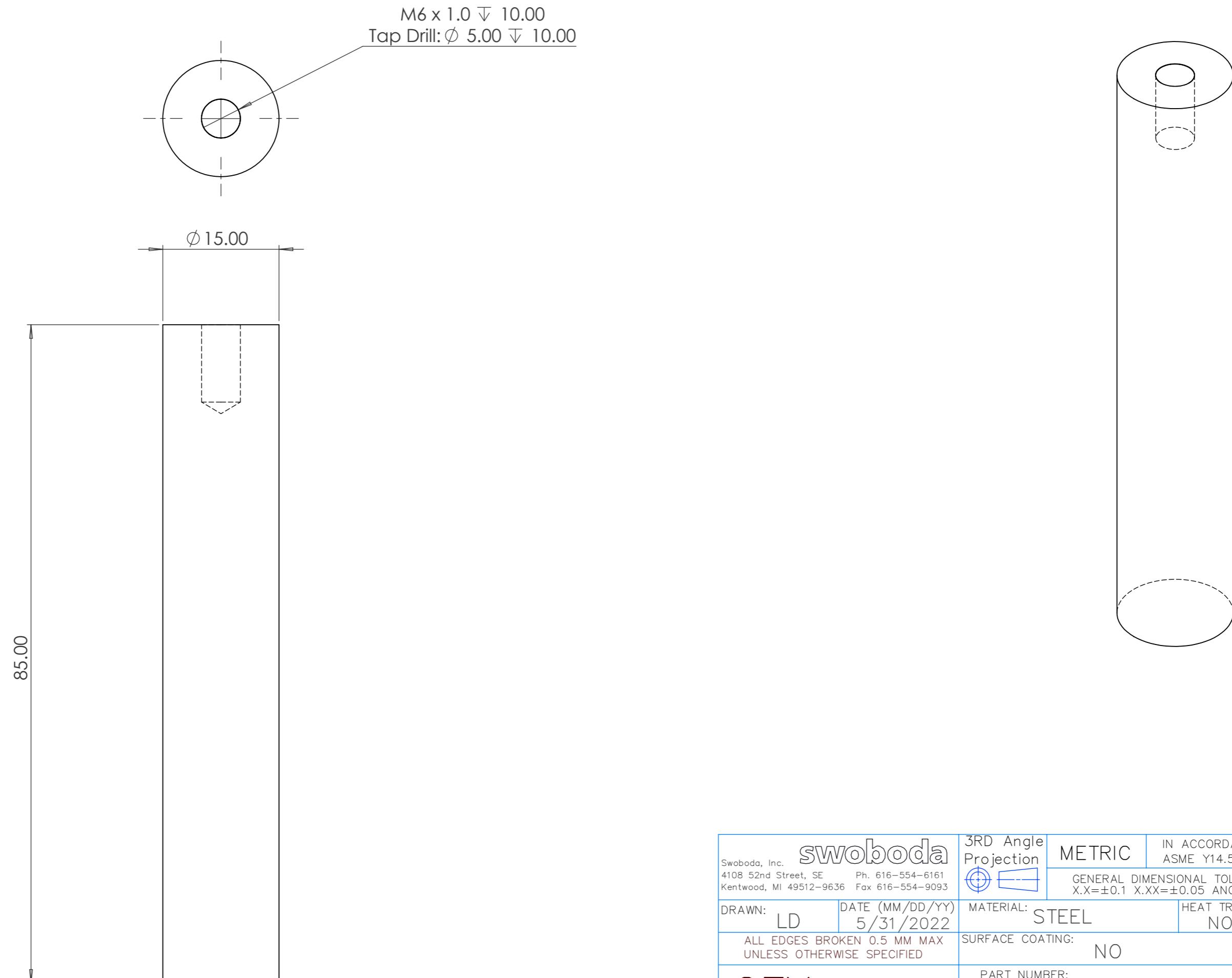
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: A2 Tool Steel	HEAT TREAT: 56-54	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0			
QTY: 2		PART NUMBER: A40-1400-11-018-002	PART NAME: Washer Upright			
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 4:1	SHEET: 1 OF 1		



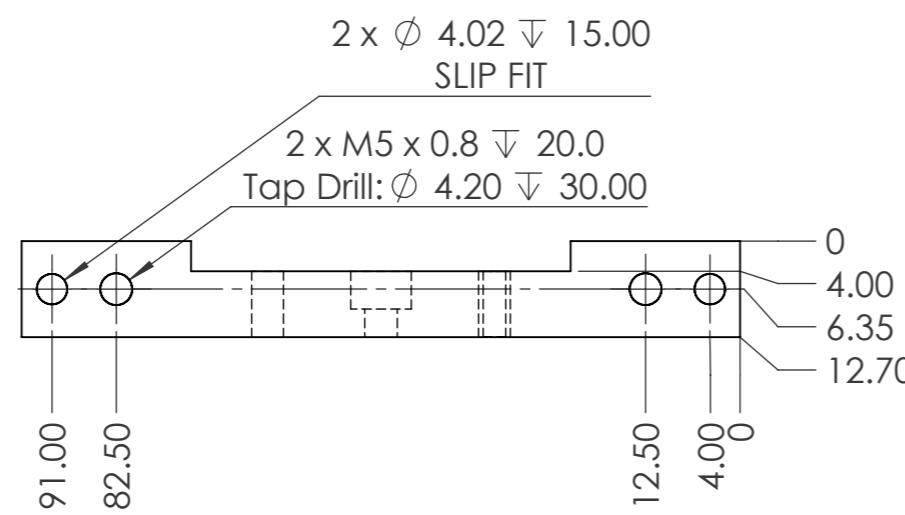
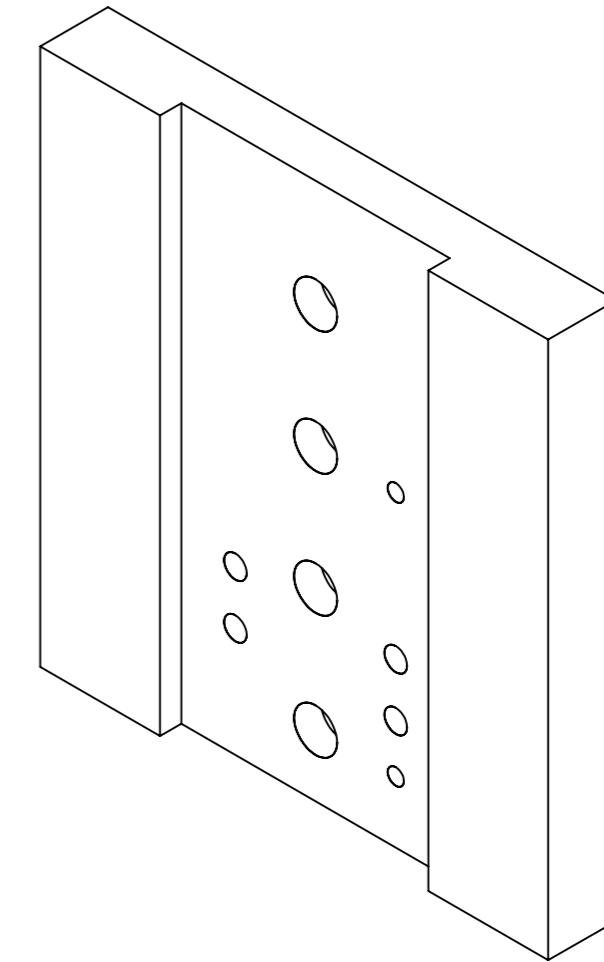
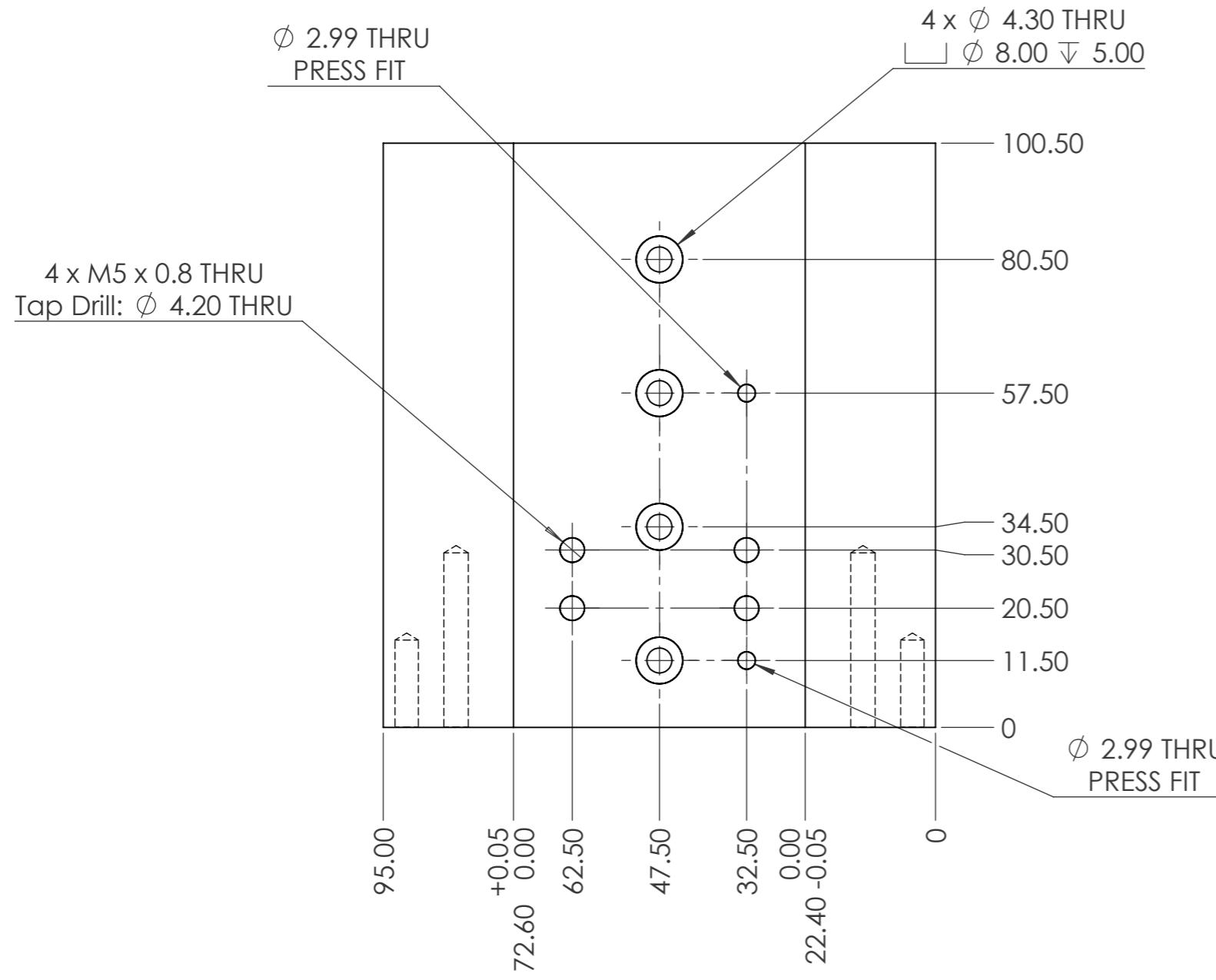
Swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER CAD SYSTEM: SW
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		
DRAWN:	LD	DATE (MM/DD/YY)	ALUMINUM	HEAT TREAT: NO	ALL DIMENSIONS IN MM
		5/31/2022	SURFACE COATING: NO	REV: 0	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		PART NUMBER: A40-1400-11-018-003 Stop Block Left		PART NAME:	
QTY: 1		MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1
					SHEET: 1 OF 1
SIZE A3					



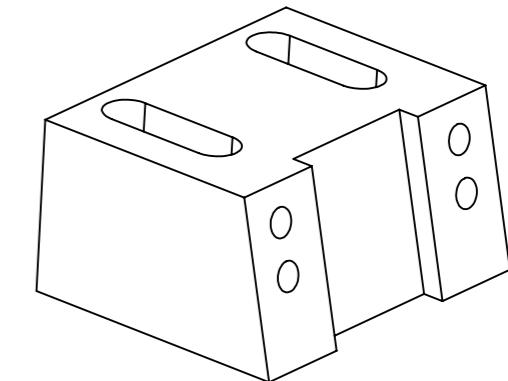
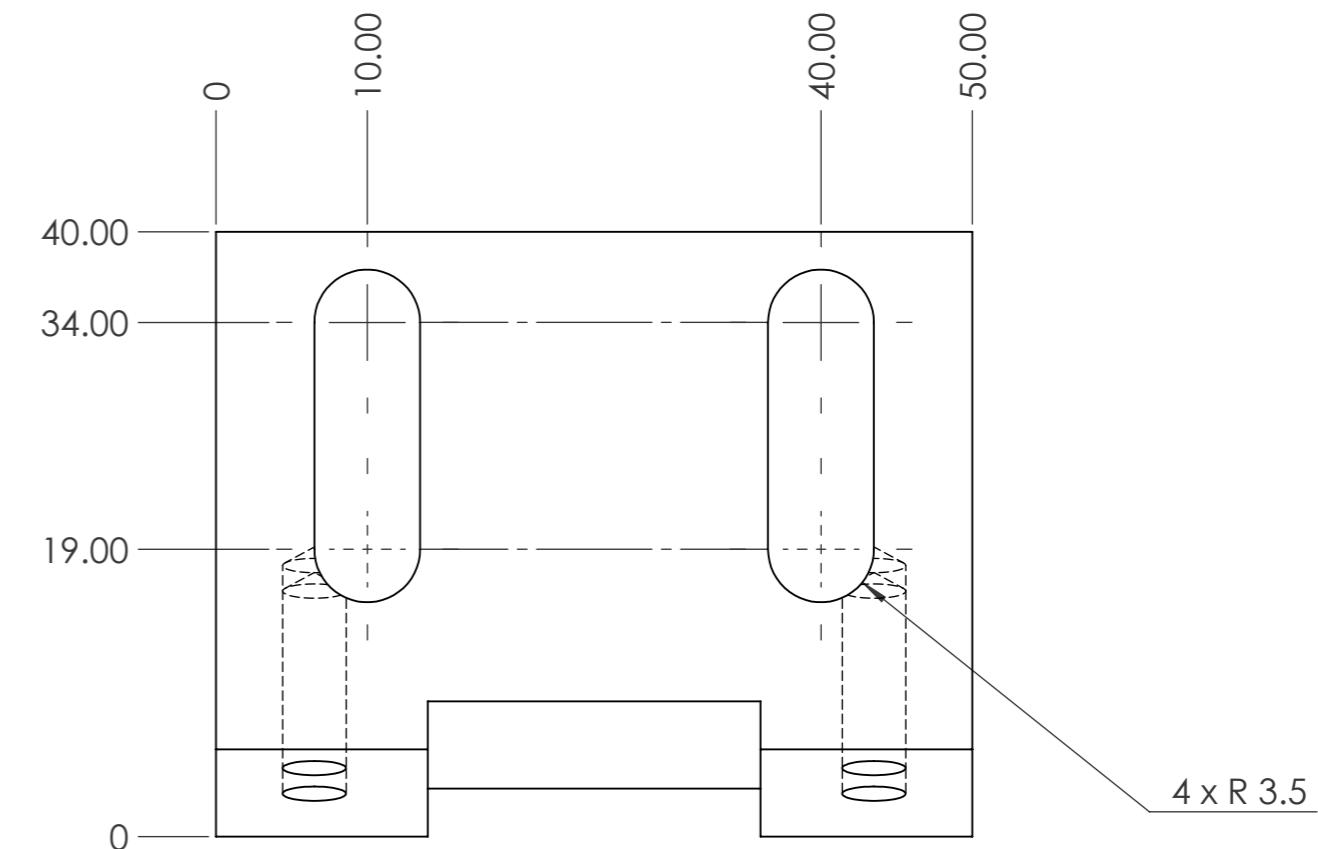
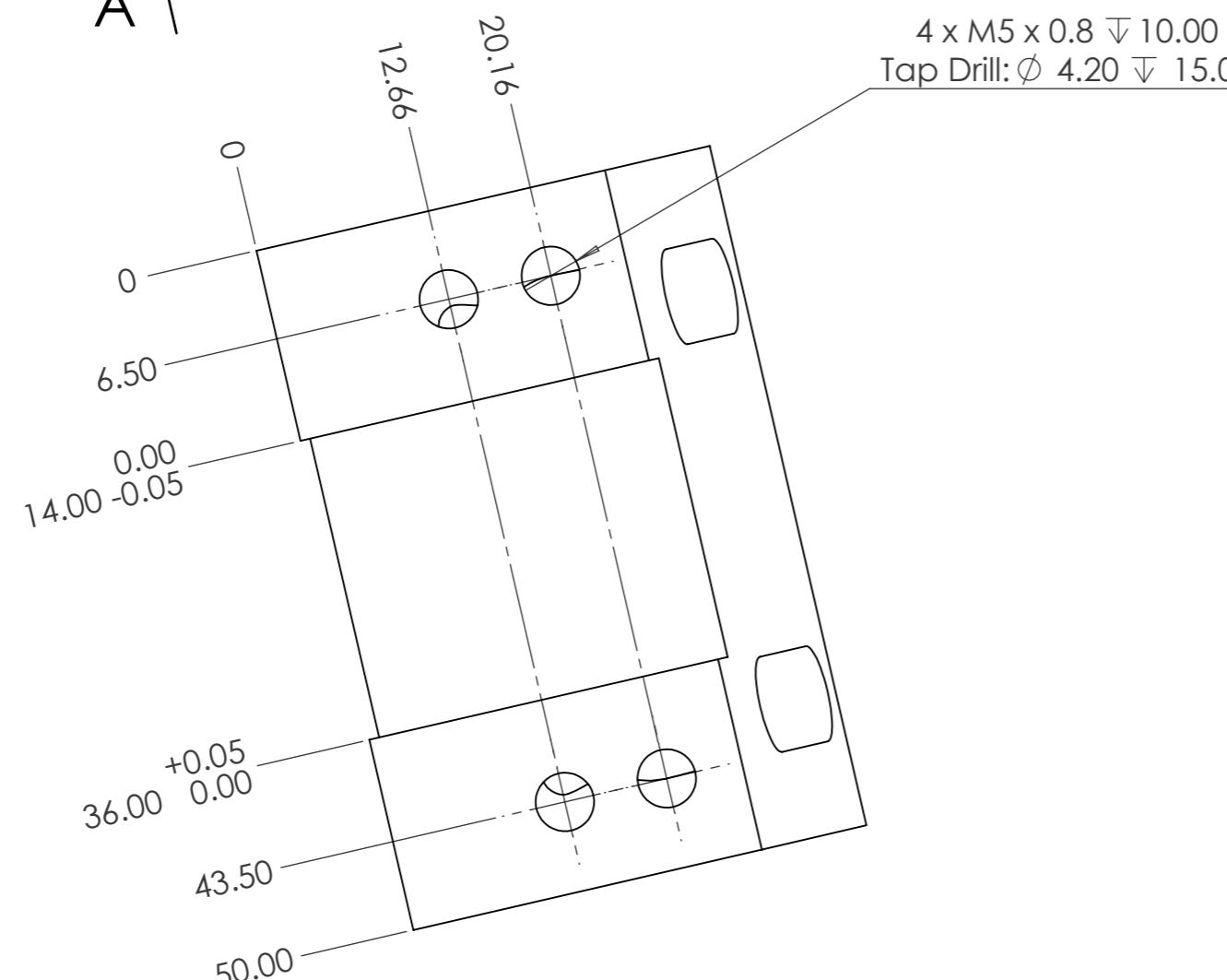
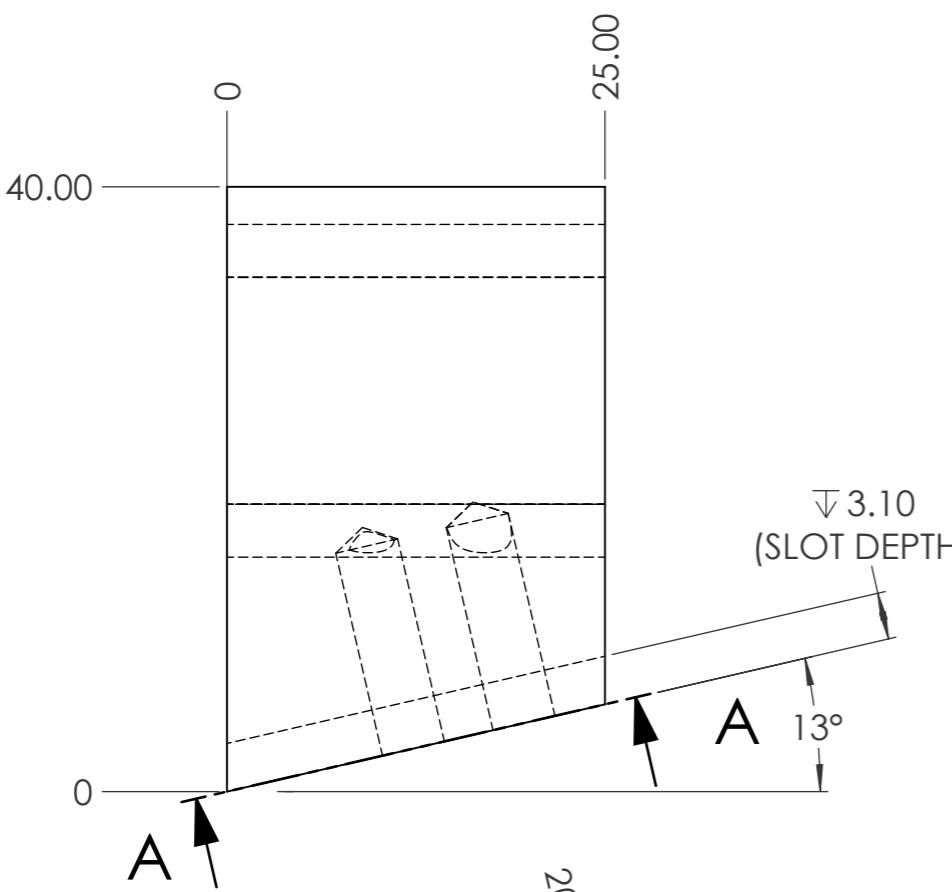
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636	swoboda	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
Ph. 616-554-6161 Fax 616-554-9093				GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°	CAD SYSTEM: SW
DRAWN: LD	DATE (MM/DD/YY) 5/31/2022		MATERIAL: ALUMINUM	HEAT TREAT: NO	ALL DIMENSIONS IN MM
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED			SURFACE COATING: NO	REV: 0	
QTY: 1			PART NUMBER: A40-1400-11-018-004 Stop Block Right	PART NAME:	
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1	SIZE A3



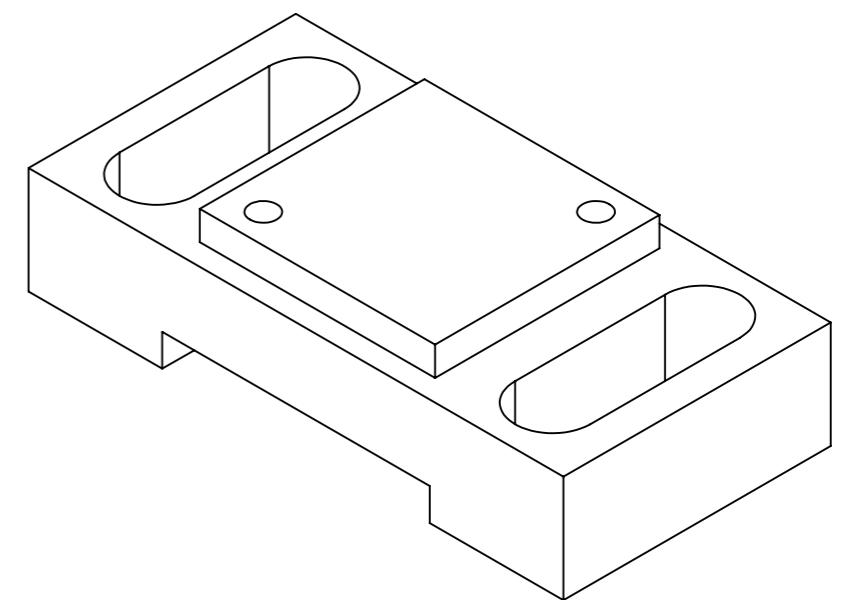
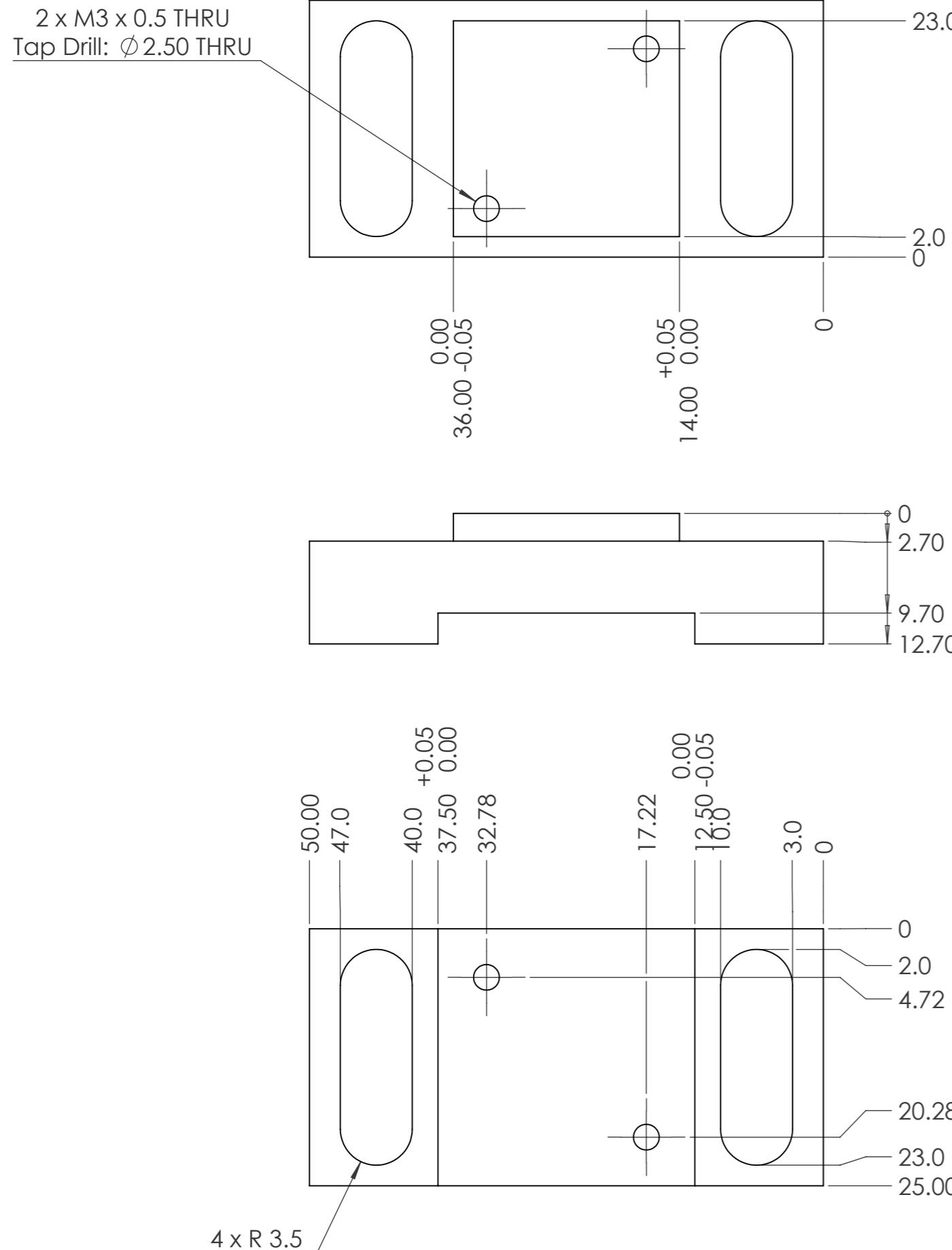
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: STEEL	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0			
QTY: 2		PART NUMBER: A40-1400-11-018-005 Stop Pin	PART NAME:			
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1		



Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: MIC 6	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO		REV: 0		
QTY: 1		PART NUMBER: A40-1400-11-018-006 Cyl. Support		PART NAME: A40-1400-11-018-006 Cyl. Support		
MOD:	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1		

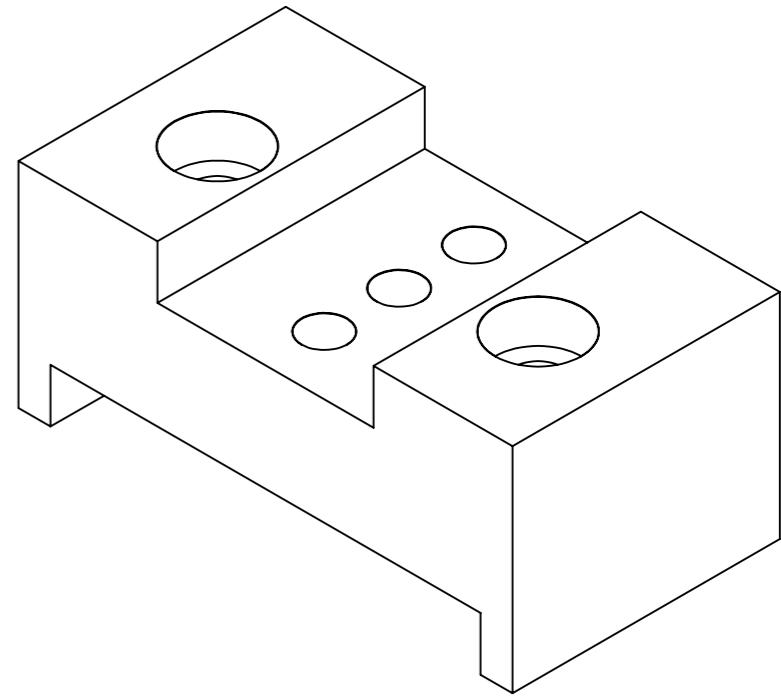
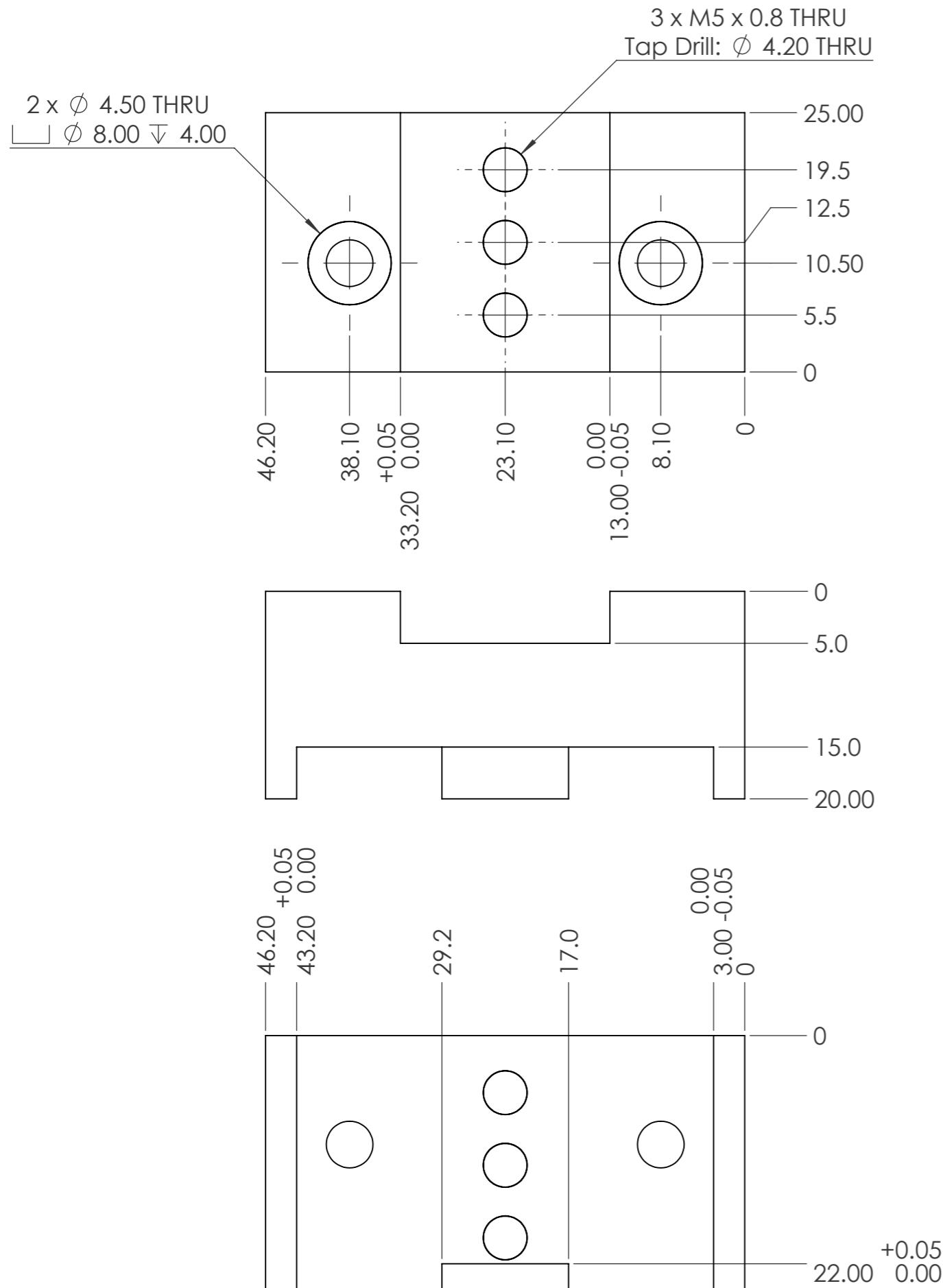


swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER CAD SYSTEM: SW
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		
DRAWN:	LD	DATE (MM/DD/YY)	ALUMINUM	HEAT TREAT: NO	ALL DIMENSIONS IN MM
		6/21/2022		SURFACE COATING: NO	REV: 0
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		PART NUMBER: A40-1400-11-018-007 PreStop Up Down		PART NAME:	
QTY: 1		MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1
					SHEET: 1 OF 1

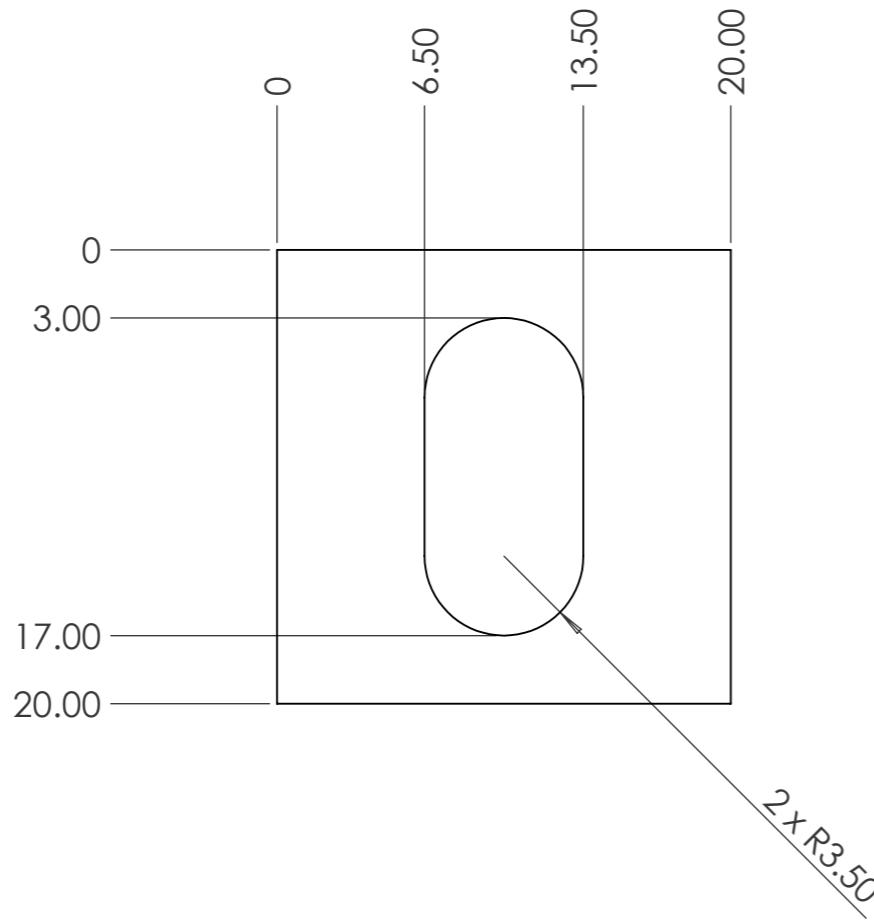
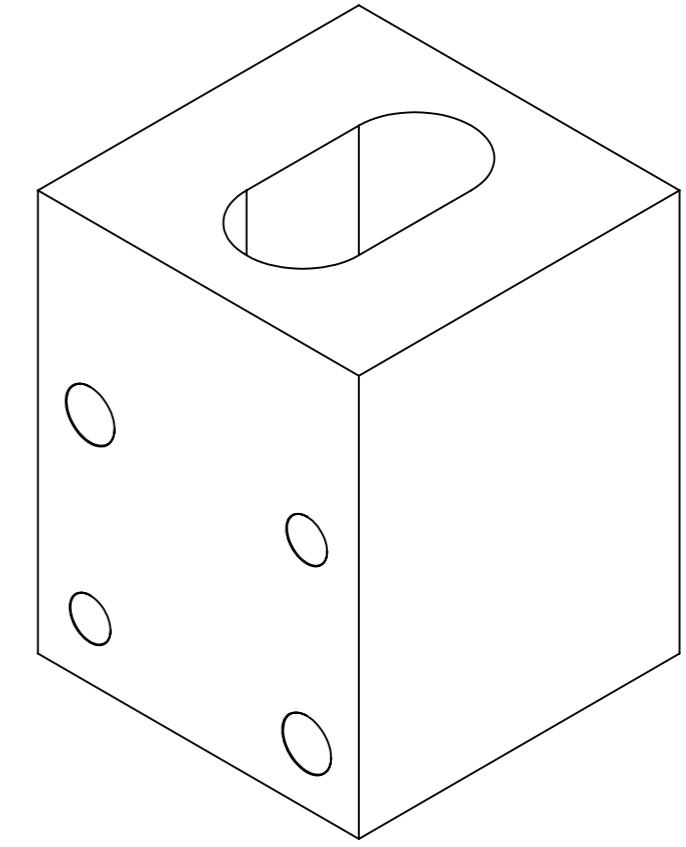
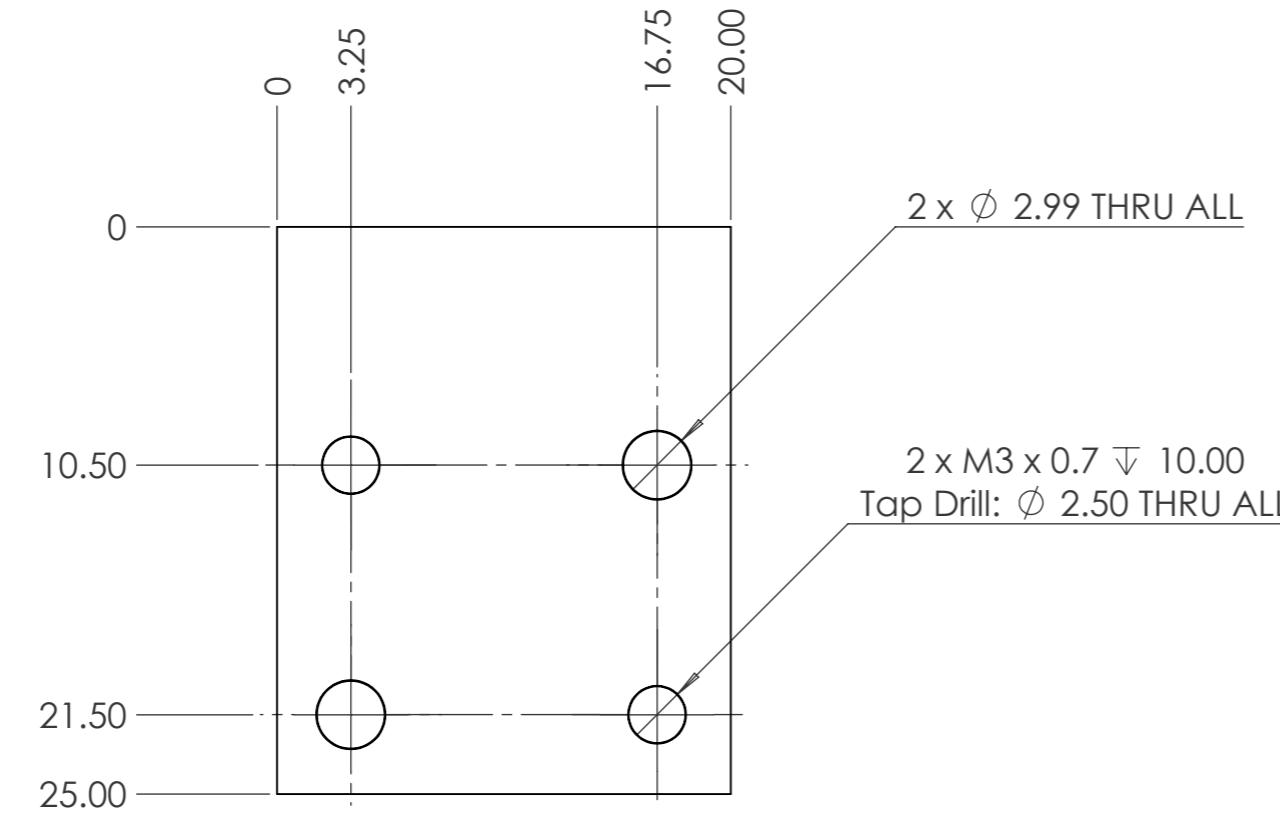


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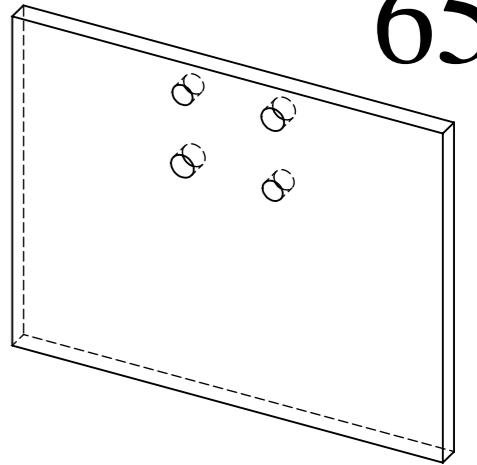
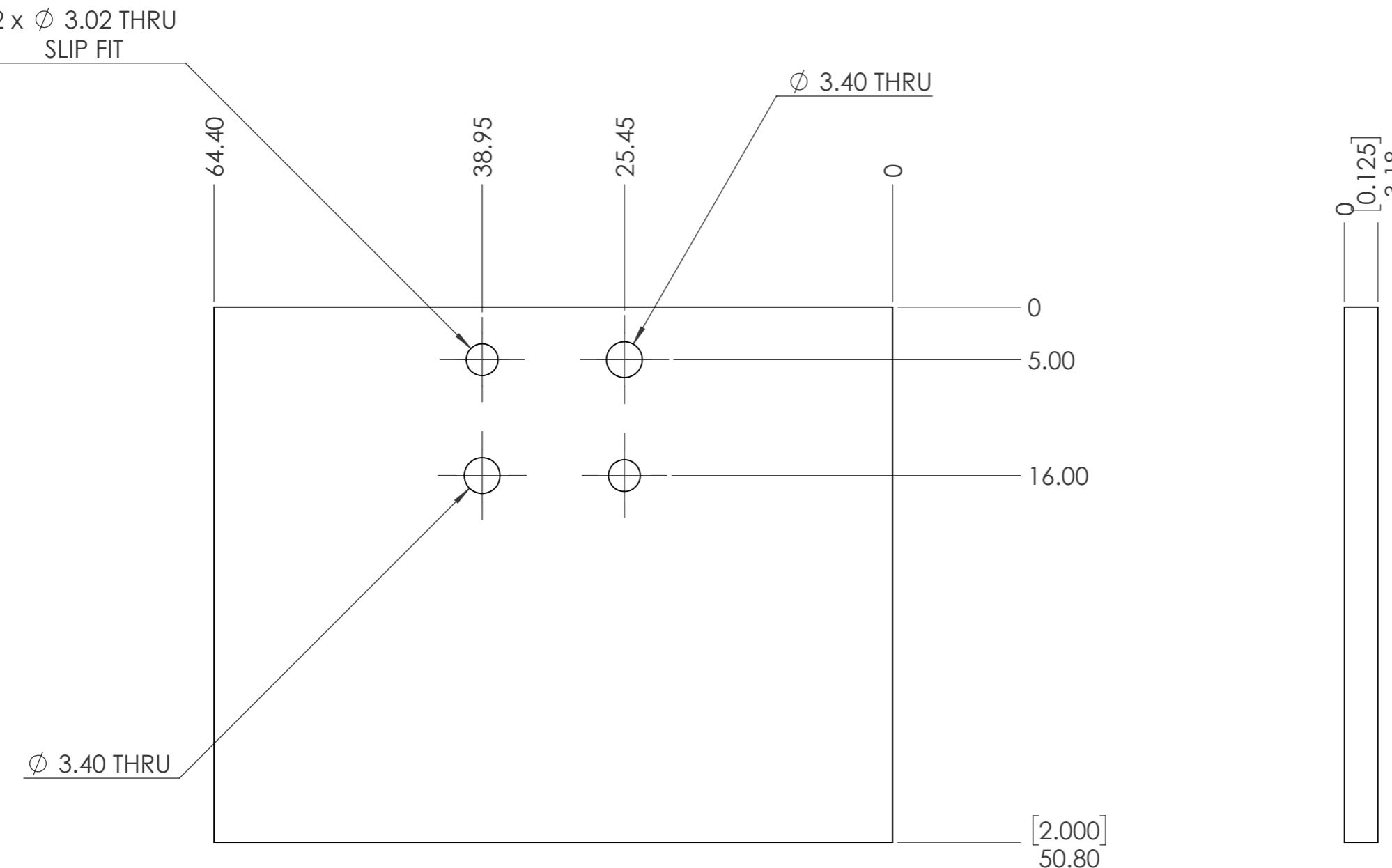
<b>swoboda</b>		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY)	MIC 6	HEAT TREAT:	ALL DIMENSIONS IN MM
		5/31/2022		NO	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING:	NO		
QTY: 1		PART NUMBER:	A40-1400-11-018-008 PreStop In Out		
MOD:	VENDOR PART#:	N	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1
SIZE A3					



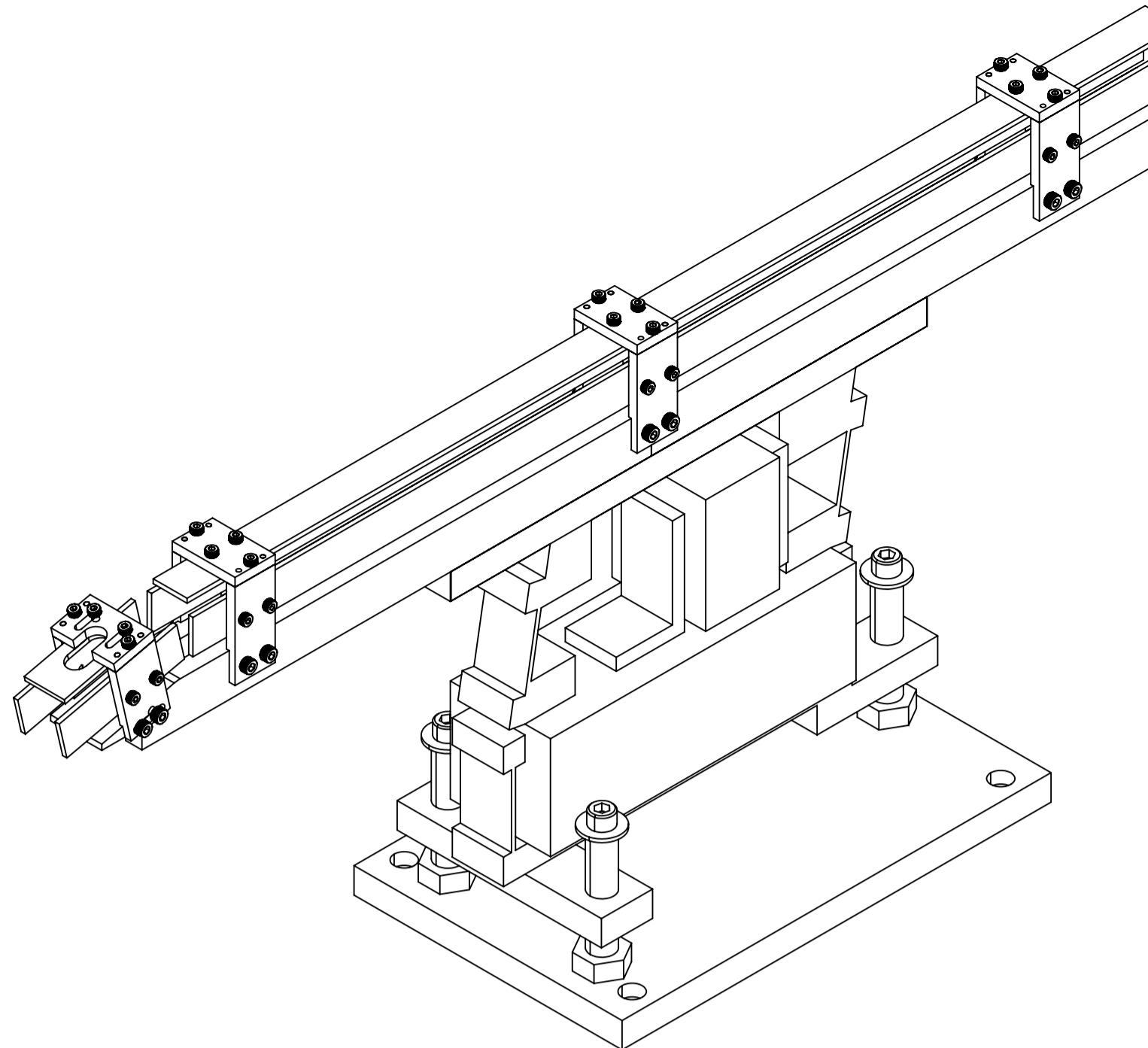
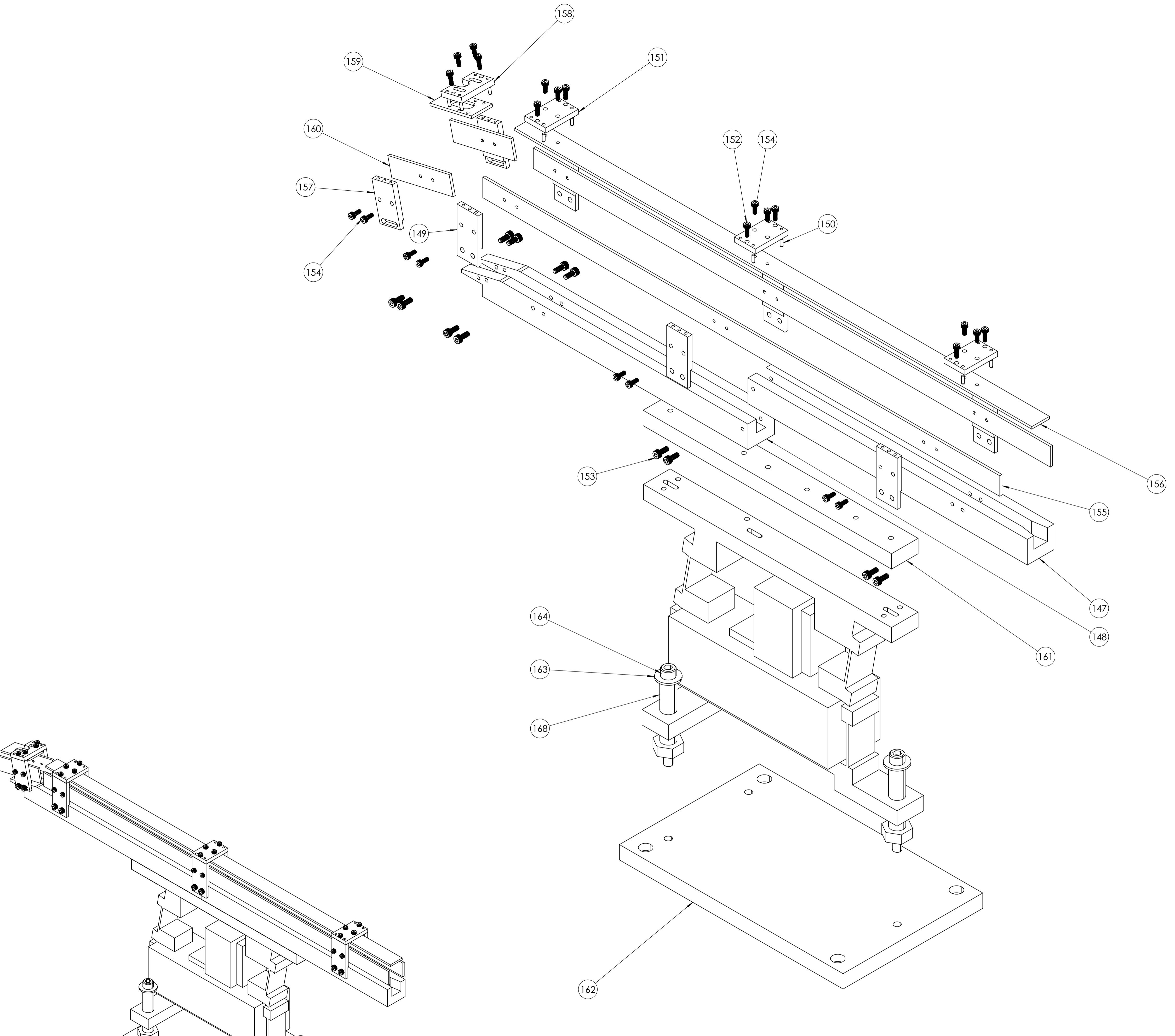
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	<b>swoboda</b>	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
					GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: ALUMINUM	HEAT TREAT: NO	ALL DIMENSIONS IN MM		
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0				
<b>QTY:</b> 1		PART NUMBER: A40-1400-11-018-009 EndStop Base	PART NAME:				
MOD:	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1			



Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	swoboda	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
					GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW
DRAWN: LD		DATE (MM/DD/YY) 5/31/2022	MATERIAL: ALUMINUM	HEAT TREAT: NO	ALL DIMENSIONS IN MM		
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0				
QTY: 1		PART NUMBER: A40-1400-11-018-010 EndStop In Out	PART NAME:				
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 3:1	SHEET: 1 OF 1			

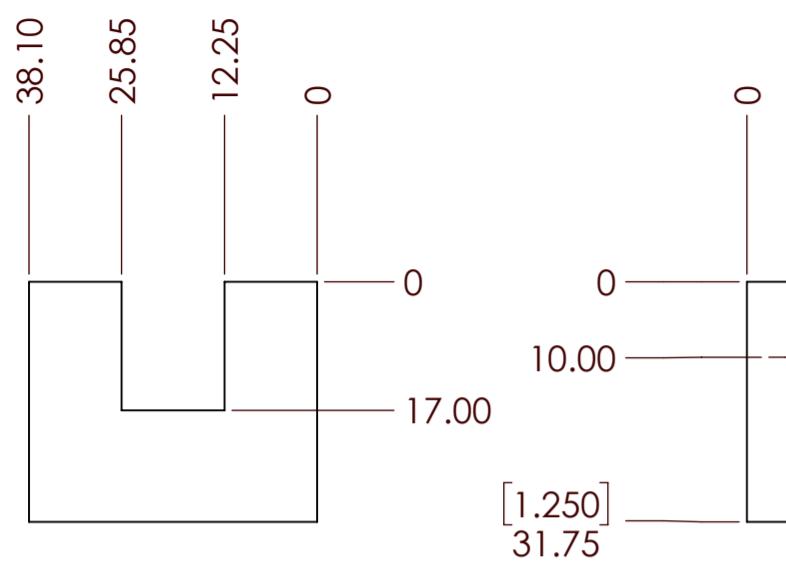


Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: A2 Tool Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: Black Oxide		REV: 0		
QTY: 1		PART NUMBER: A40-1400-11-018-011 EndStop		PART NAME: A40-1400-11-018-011 EndStop		
MOD:	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1		



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
147	A40-1400-11-019-002	Rail Base Back	1
148	A40-1400-11-019-001	Rail Base Front	1
149	A40-1400-11-019-003	Srt Bracket side	6
150	91595A108	Dowel Pin	16
151	A40-1400-11-019-004	Srt Bracket Top	3
152	91290A148	Alloy Steel Socket Head Screw	8
153	91290A228	Alloy Steel Socket Head Screw	16
154	91290A144	Alloy Steel Socket Head Screw	24
155	A40-1400-11-019-007	Rail Side	2
156	A40-1400-11-019-008	Rail Top	1
157	A40-1400-11-019-005	Angle Bracket side	2
158	A40-1400-11-019-006	Angeled Bracket Top	1
159	A40-1400-11-019-0010	Top angle Rail	1
160	A40-1400-11-019-009	Side angle Rail	2
161	A40-1400-11-019-011	Vibe.Top.Connector	1
162	A40-1600-04-030-001	Vibe Base.stp.STEP	1
163	plain_washer_m10_r.stp	.STEP	3
164	hex_soc_cap_scr_m10_x_110.stp	.STEP	3
165	hex_soc_cap_scr_m5_x_25.stp	.STEP	3
166	Dowel 5x10.stp	.STEP	2
167	Wash 15OD-5.3ID-T3.stp	.STEP	3
168	A40-1600-04-030-008	Vibe Gen.stp.STEP	1

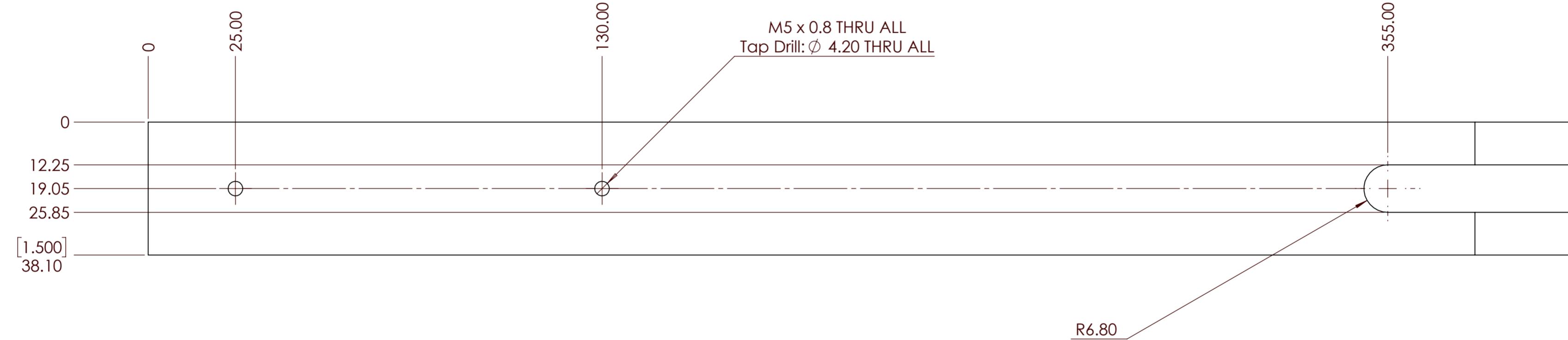
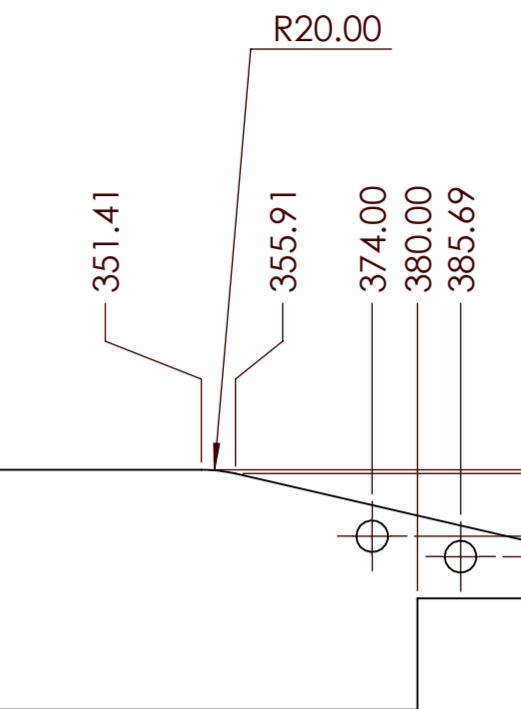
<b>swoboda</b>		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: $X, x = \pm 0.1$ $X, XX = \pm 0.05$ $ANGLE = \pm 1^\circ$		
DRAWN	LD	DATE (MM/DD/YY) 8/9/2022	MATERIAL N/A	HEAT TREAT	NO
		ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED	SURFACE COATING NO		
QTY: 1			PART NUMBER SA-4	PART NAME	
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:2	SHEET 8 OF 11	SIZE A1



5 x M5 x 0.8 THRU ALL  
Tap Drill:  $\phi$  4.20 THRU ALL

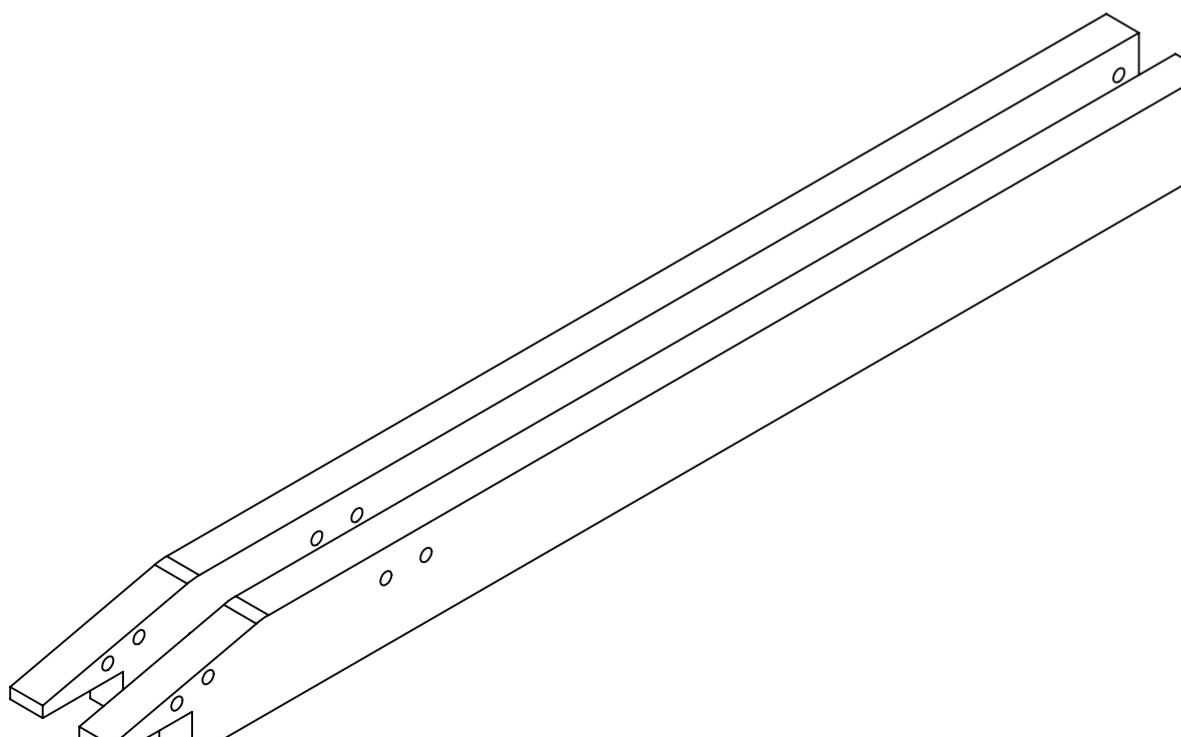
292.50

307.50

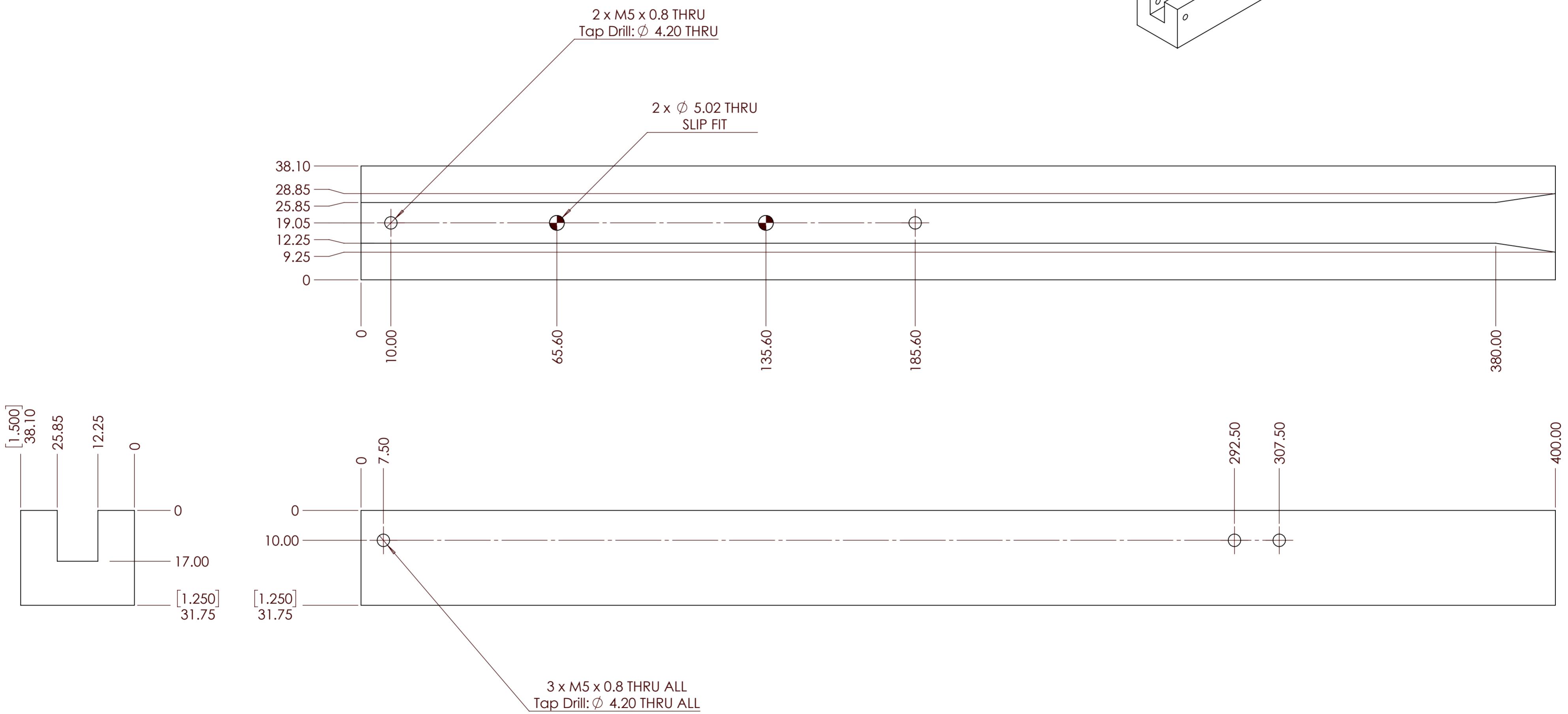
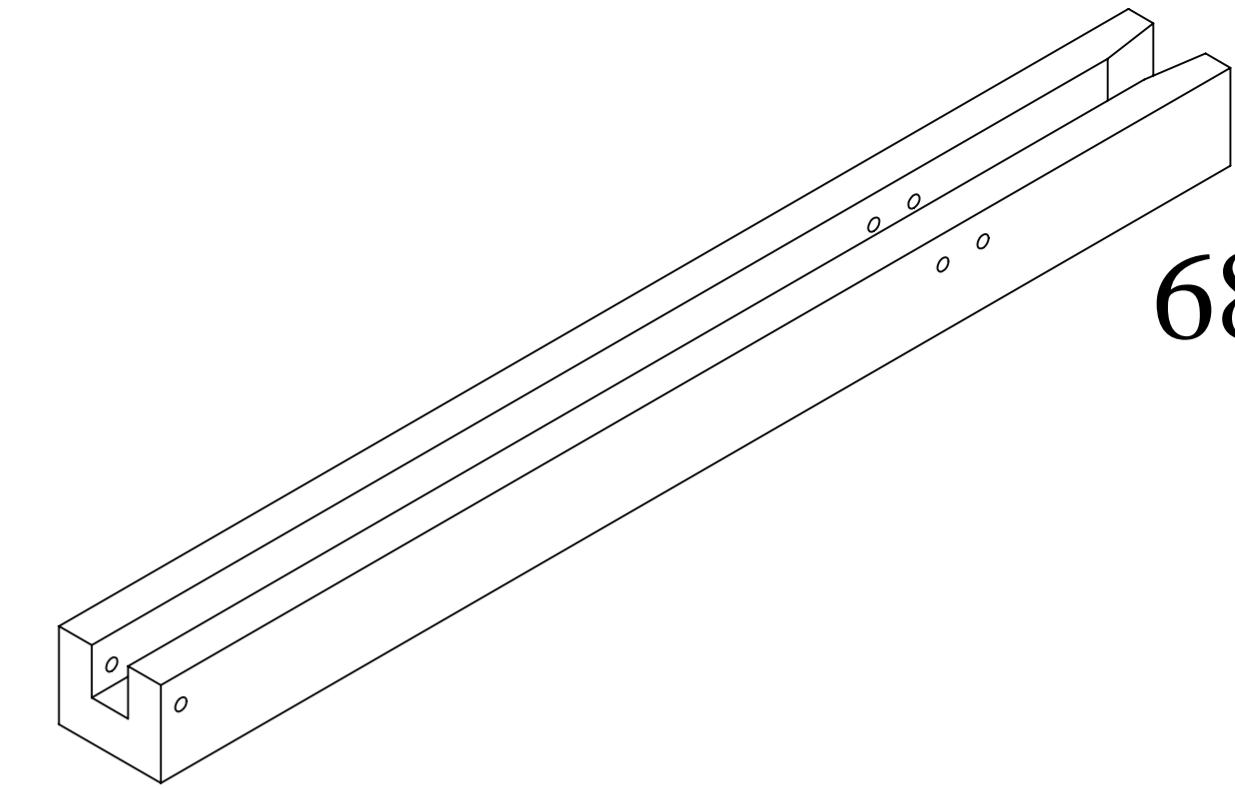


M5 x 0.8 THRU ALL  
Tap Drill:  $\phi$  4.20 THRU ALL

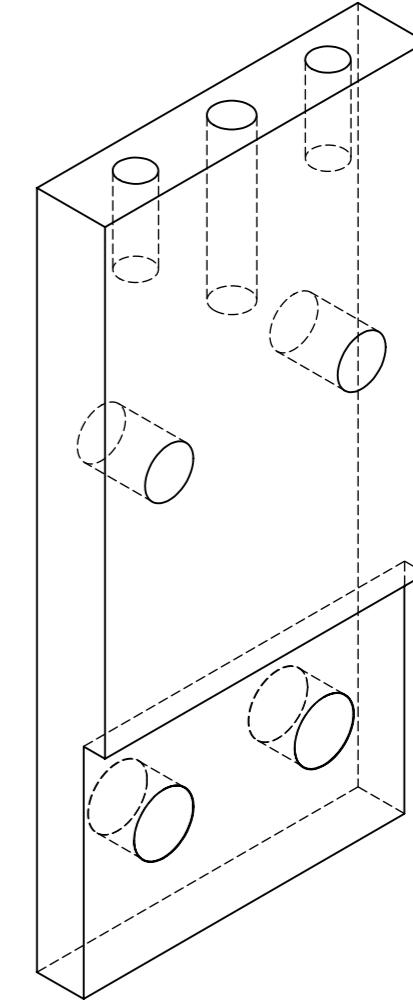
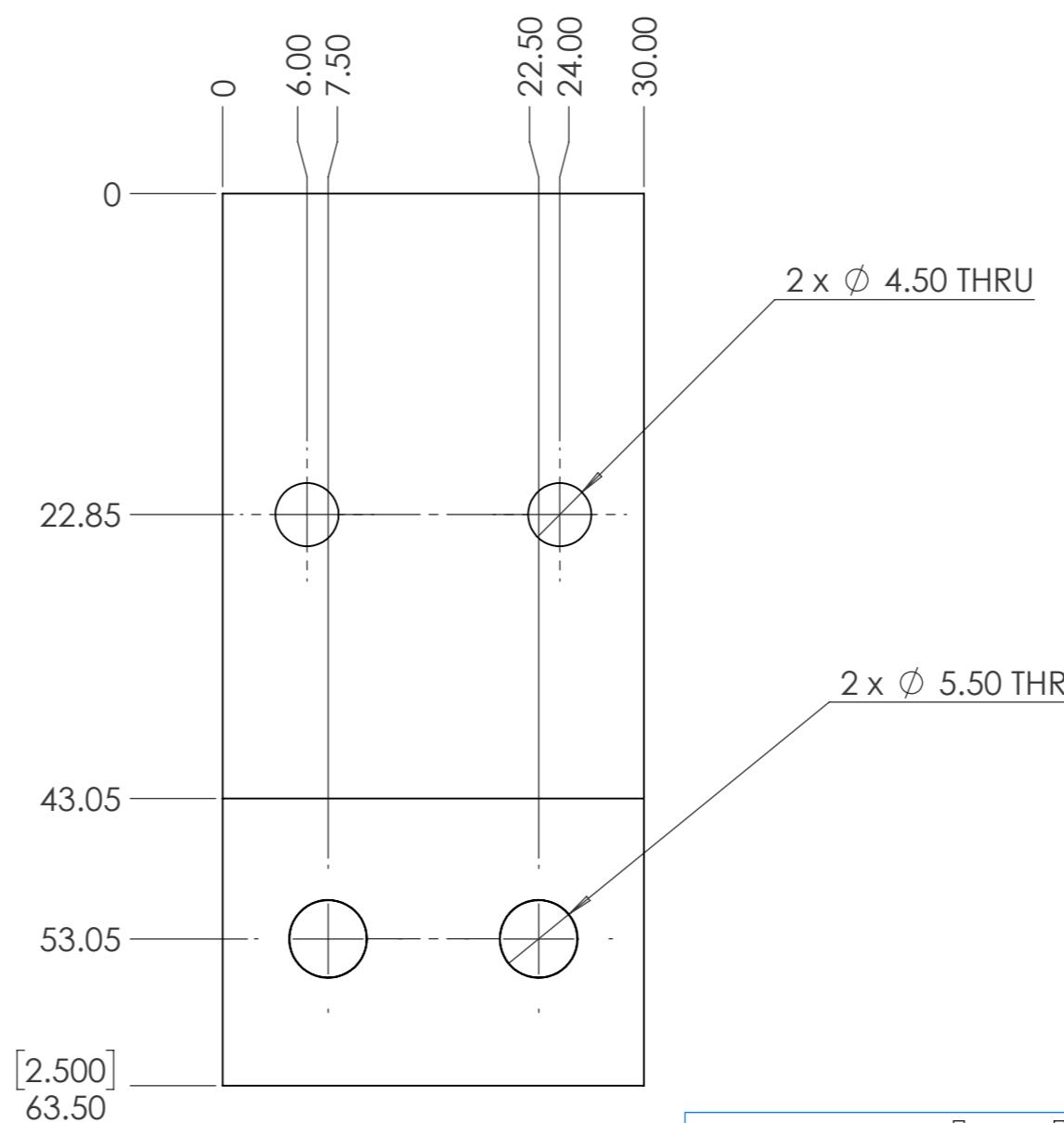
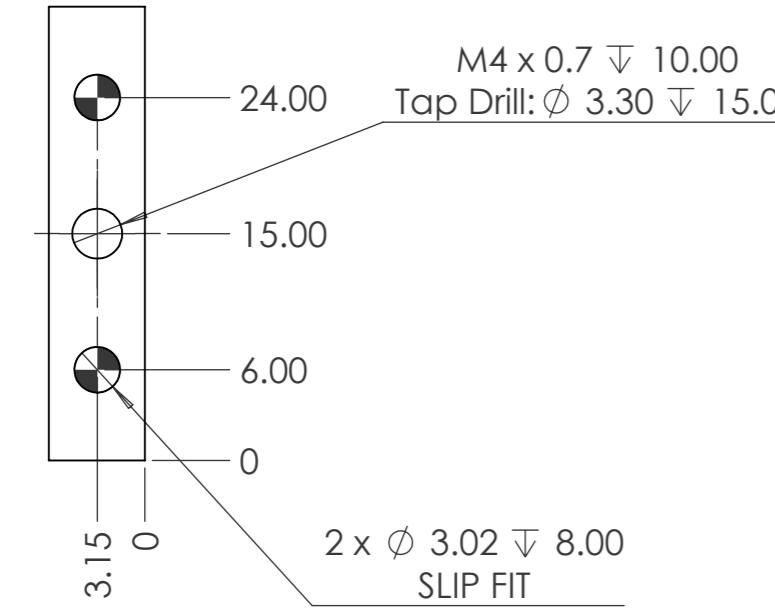
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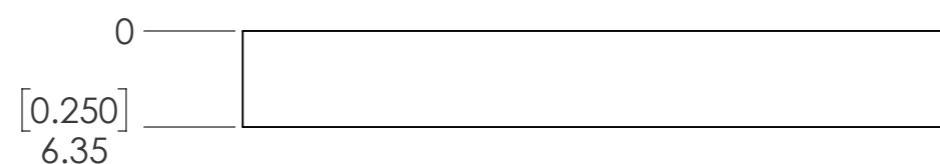
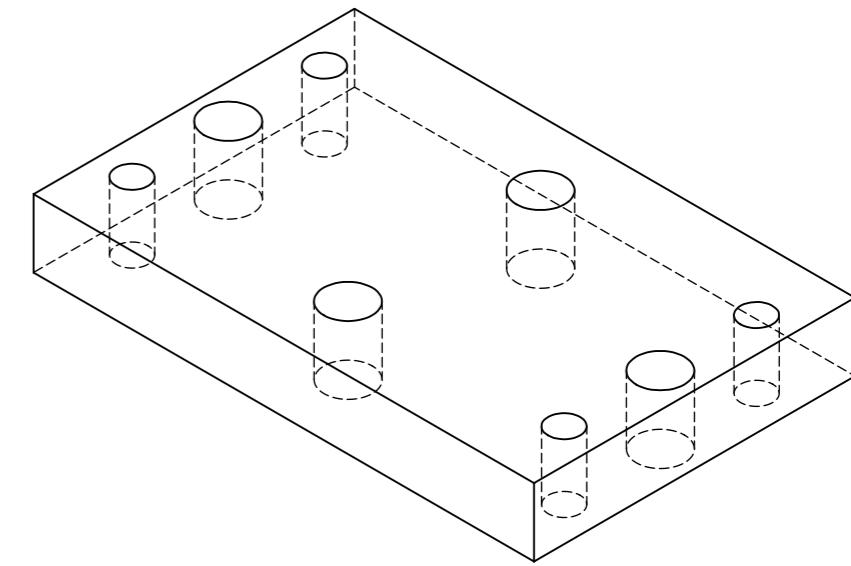
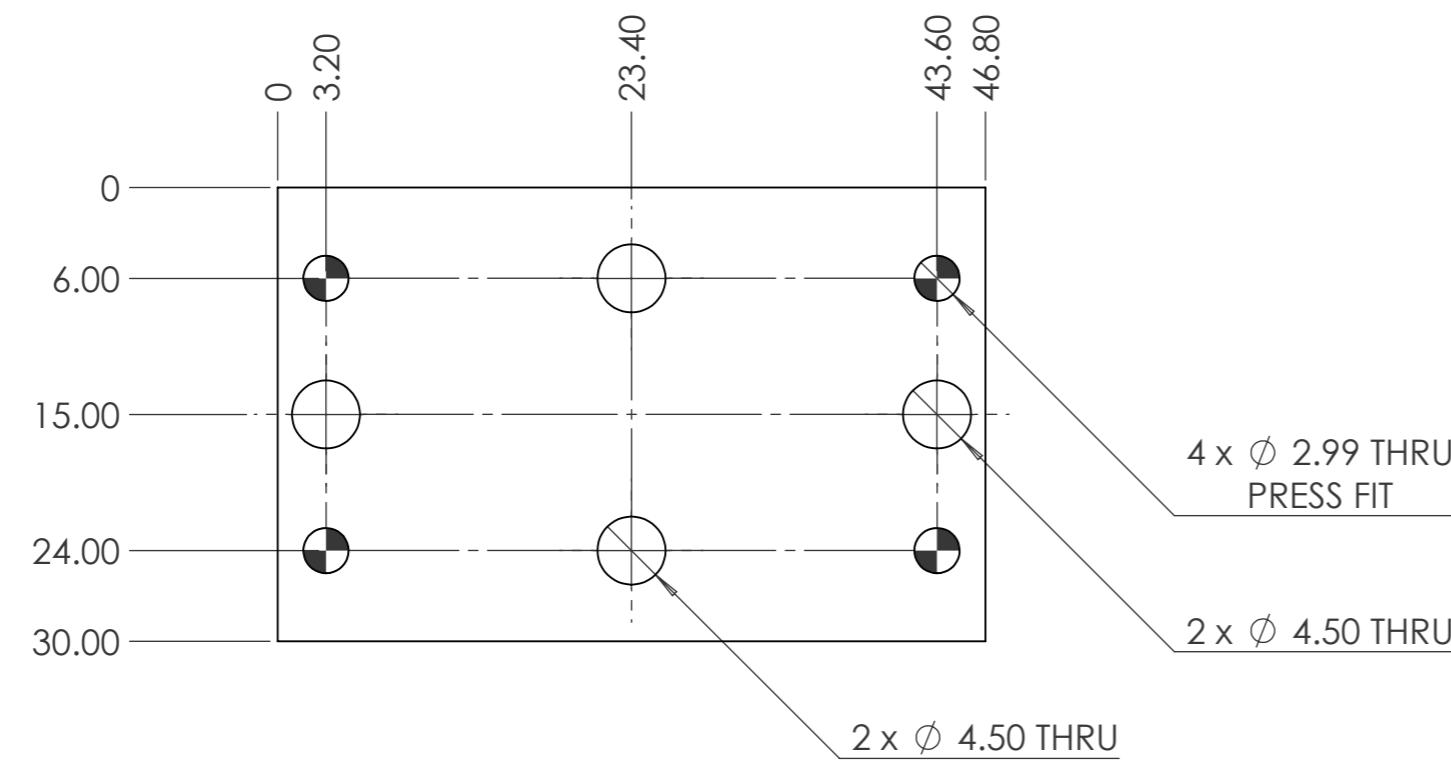
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DRAWN	LAD	DATE (MM/DD/YY)	MATERIAL	HEAT TREAT	CAD SYSTEM SW
		5/31/2022	A2 Tool Steel	54-56	
		ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED	SURFACE COATING	NO	REV 0
QTY:	1		PART NUMBER	PART NAME	
			A40-1400-11-019-001	Rail Base Front	
MOD	VENDOR PART#	N/A	DO NOT SCALE	SCALE 1:1	SIZE A2
N					



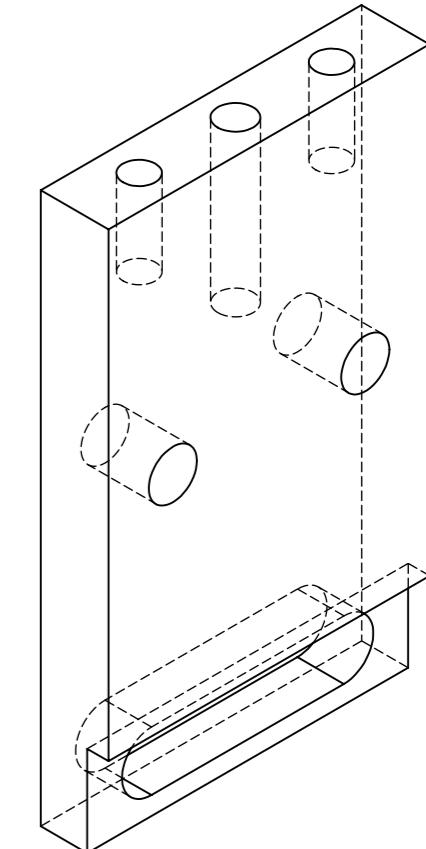
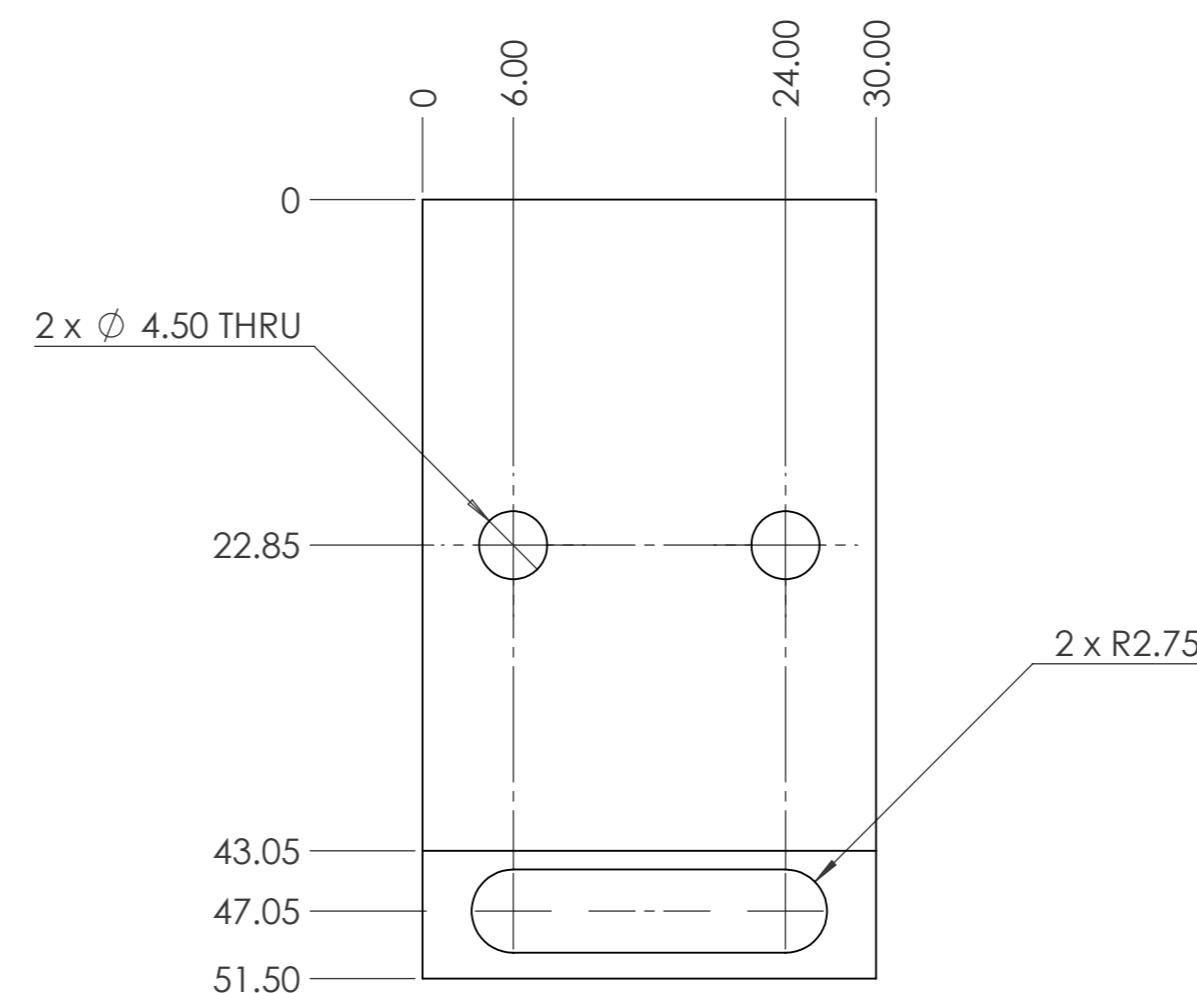
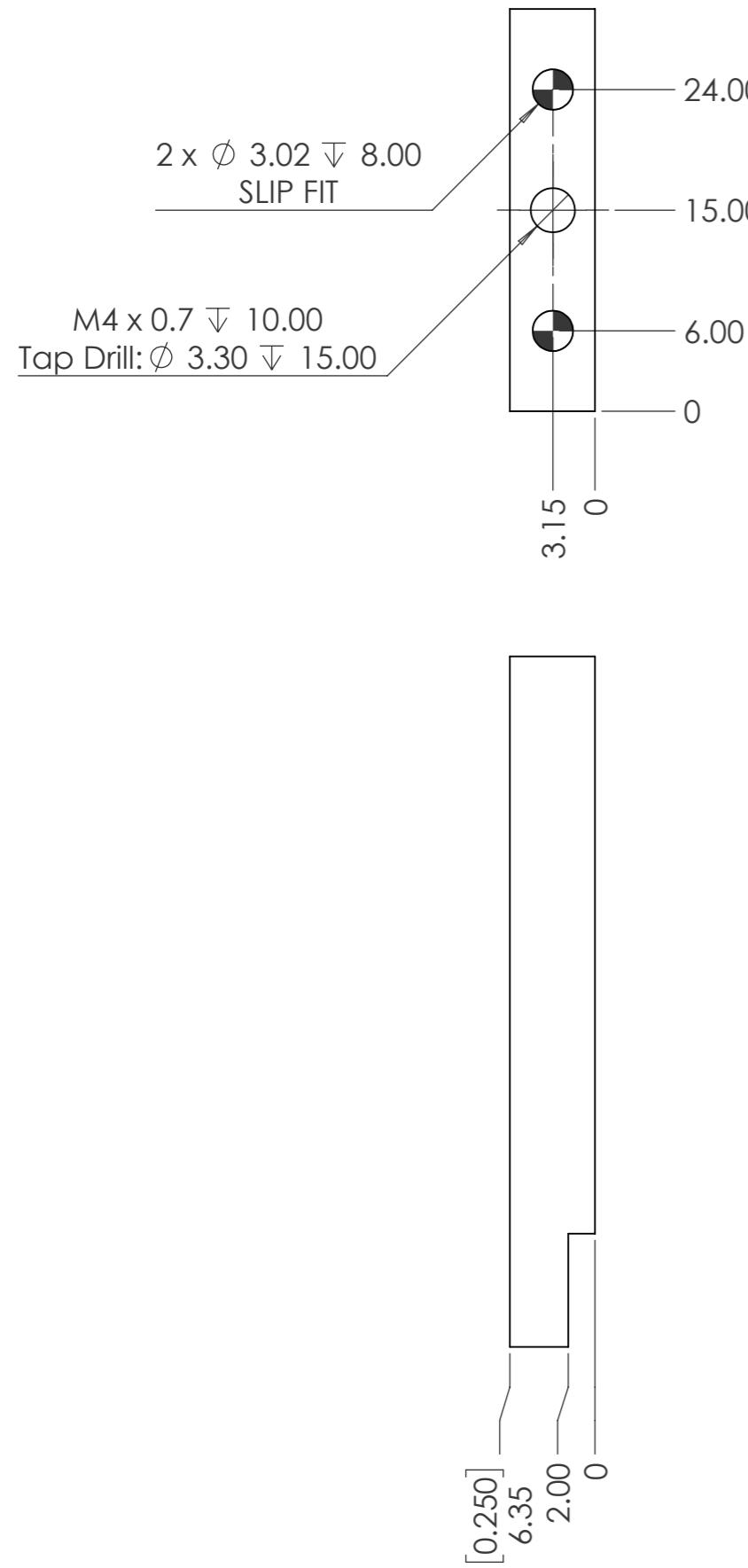
<b>swoboda</b>		3RD ANGLE PROJECTION	METRIC ALL DIMENSION IN MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636 Ph. 616-554-6161 Fax 616-554-9093		GENERAL DIMENSIONAL TOLERANCING: $X.X=\pm 0.1$ $X.XX=\pm 0.05$ $ANGLE=\pm 1^\circ$	CAD SYSTEM SW		
DRAWN	DATE (MM/DD/YY)	MATERIAL	HEAT TREAT	54-56	
LAD	5/31/2022	A2 Tool Steel	SURFACE COATING	NO	REV 0
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		PART NUMBER	PART NAME		
QTY: 1		A40-1400-11-019-002 Rail Base Back			
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	SHEET 1 OF 1	SIZE A2



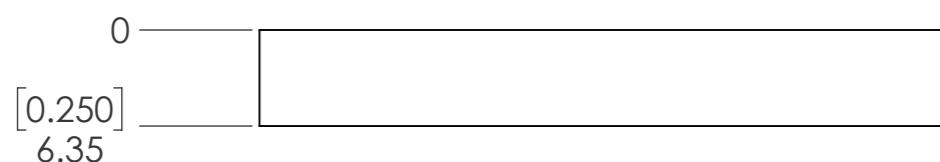
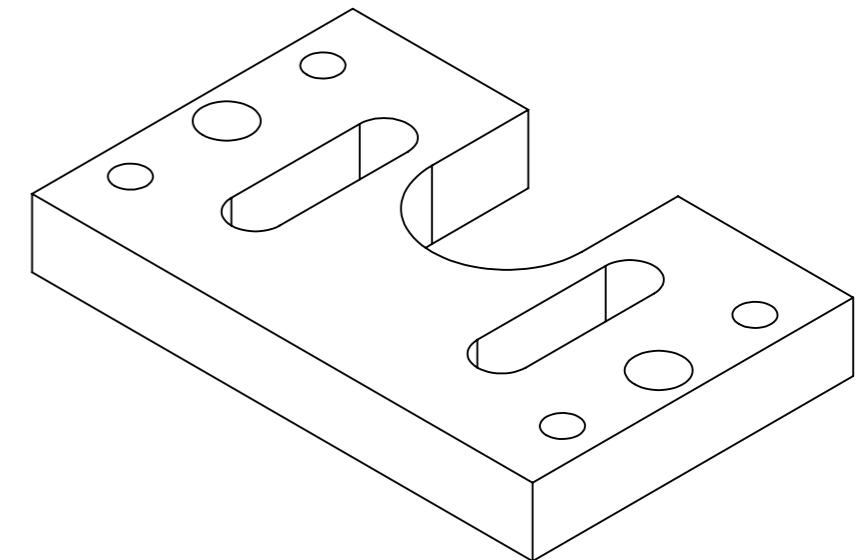
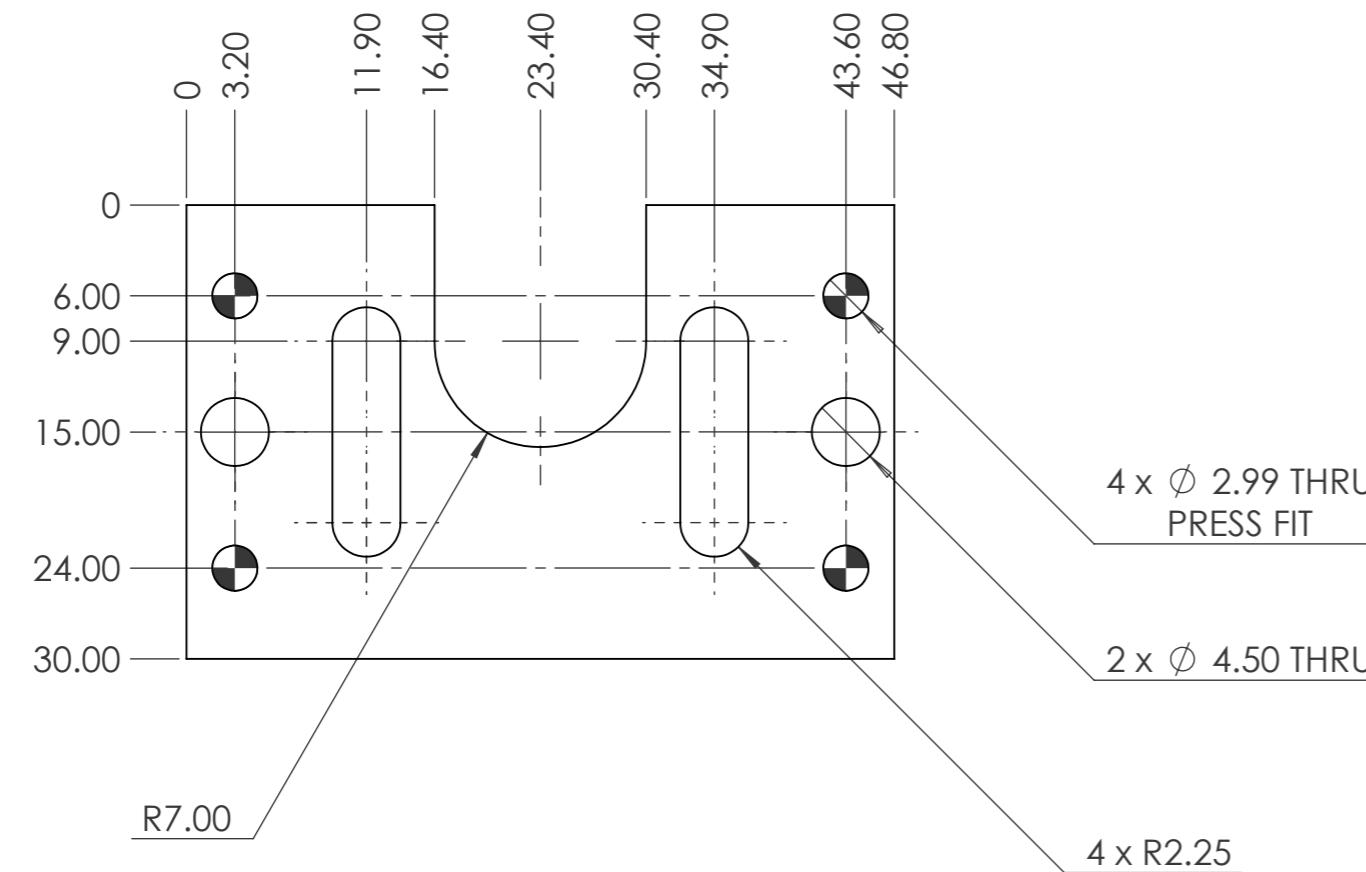
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: 1018 CRS	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: Black Oxide		REV: 0		
QTY: 6		PART NUMBER: A40-1400-11-019-003 Srt Bracket side	PART NAME: Srt Bracket side			
MOD:	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1		



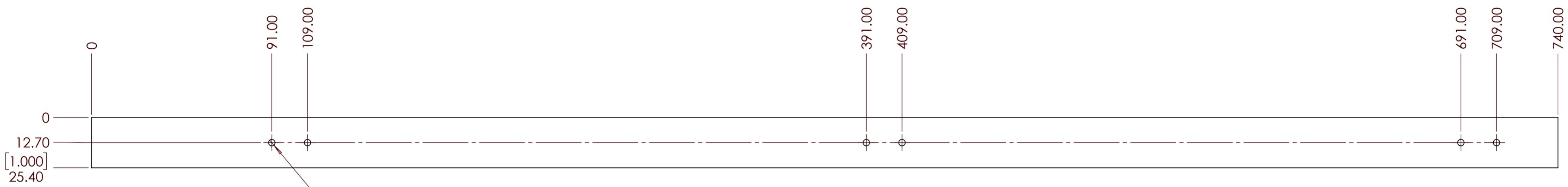
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: $X=X \pm 0.1$ $X_{XX}=X \pm 0.05$ ANGLE= $\pm 1^\circ$		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: 1018 CRS	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: Black Oxide		REV: 0		
QTY: 3		PART NUMBER: A40-1400-11-019-004 Srt Bracket Top		PART NAME:		
MOD:	N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1	SIZE A3



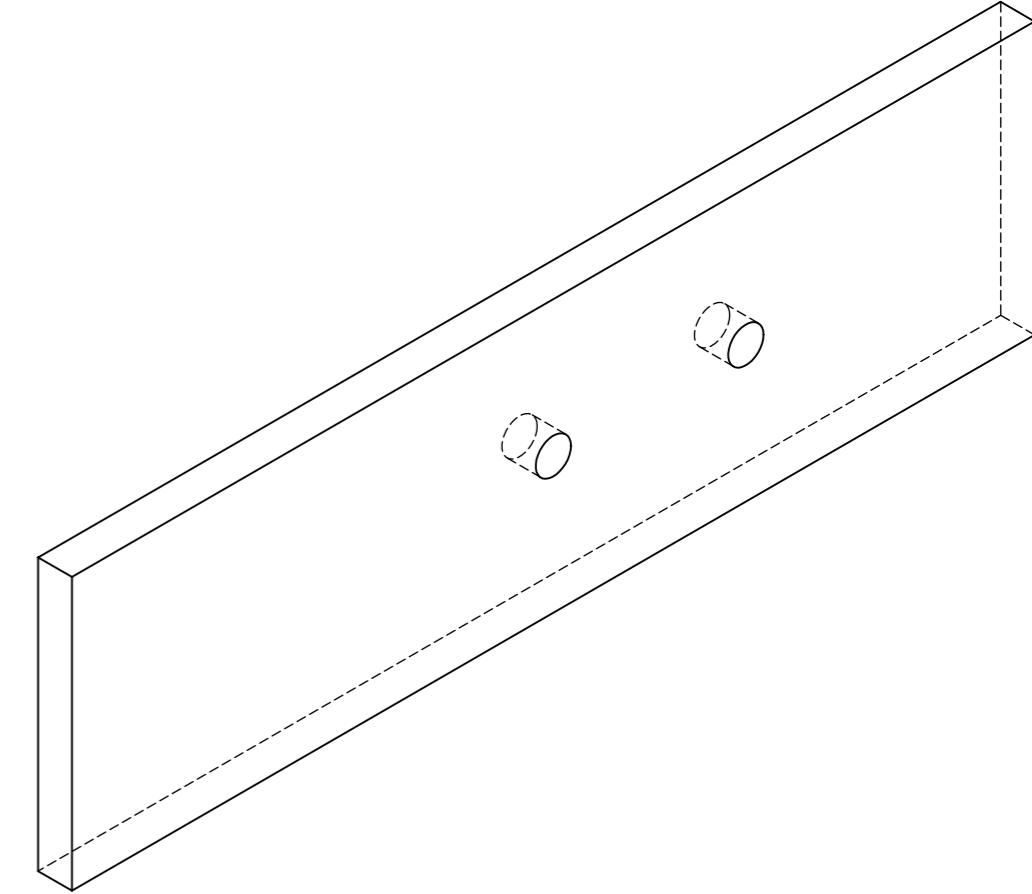
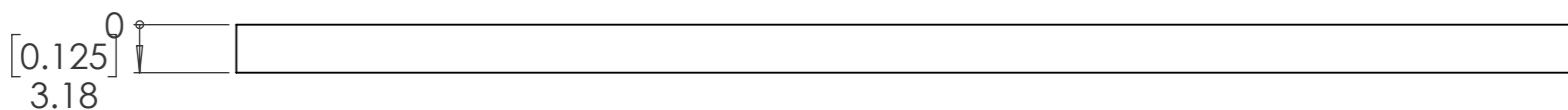
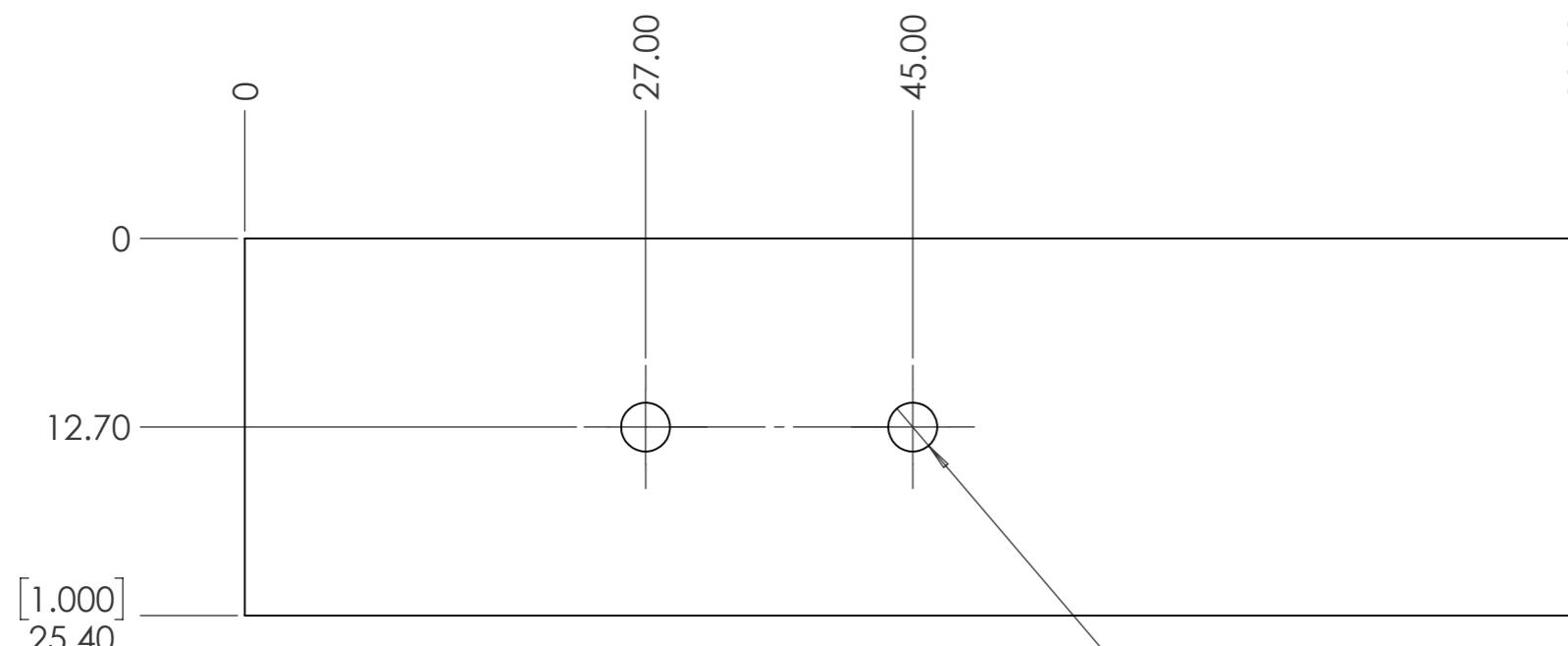
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL:	1018 CRS	HEAT TREAT:	ALL DIMENSIONS IN MM
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: Black Oxide		REV:	0	
QTY: 2		PART NUMBER: A40-1400-11-019-005 Angle Bracket side		PART NAME:		
MOD:	VENDOR PART#:	N	DO NOT SCALE	SCALE:	2:1	SHEET: 1 OF 1



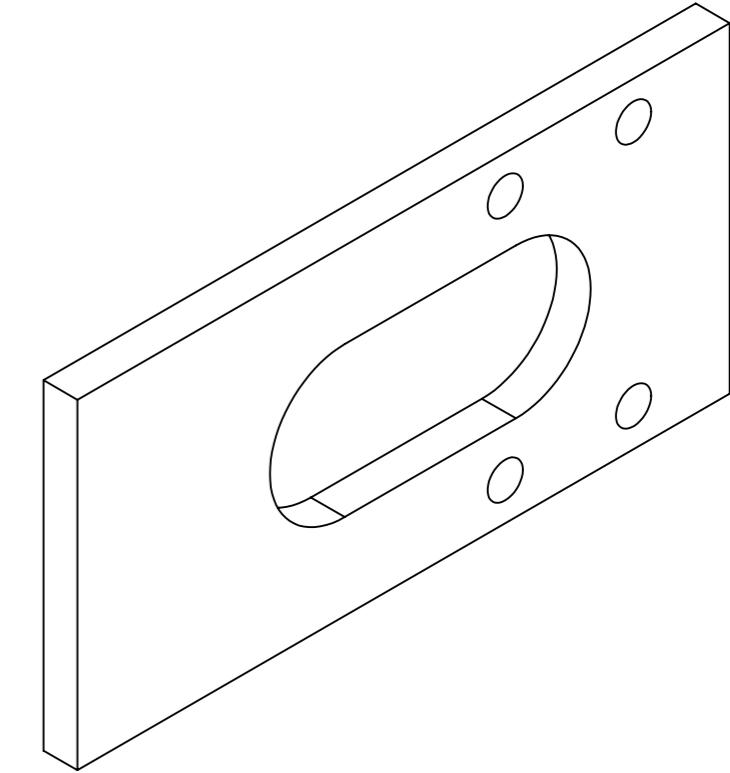
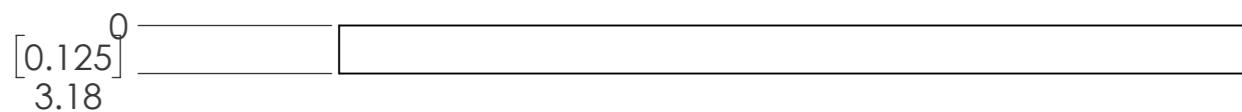
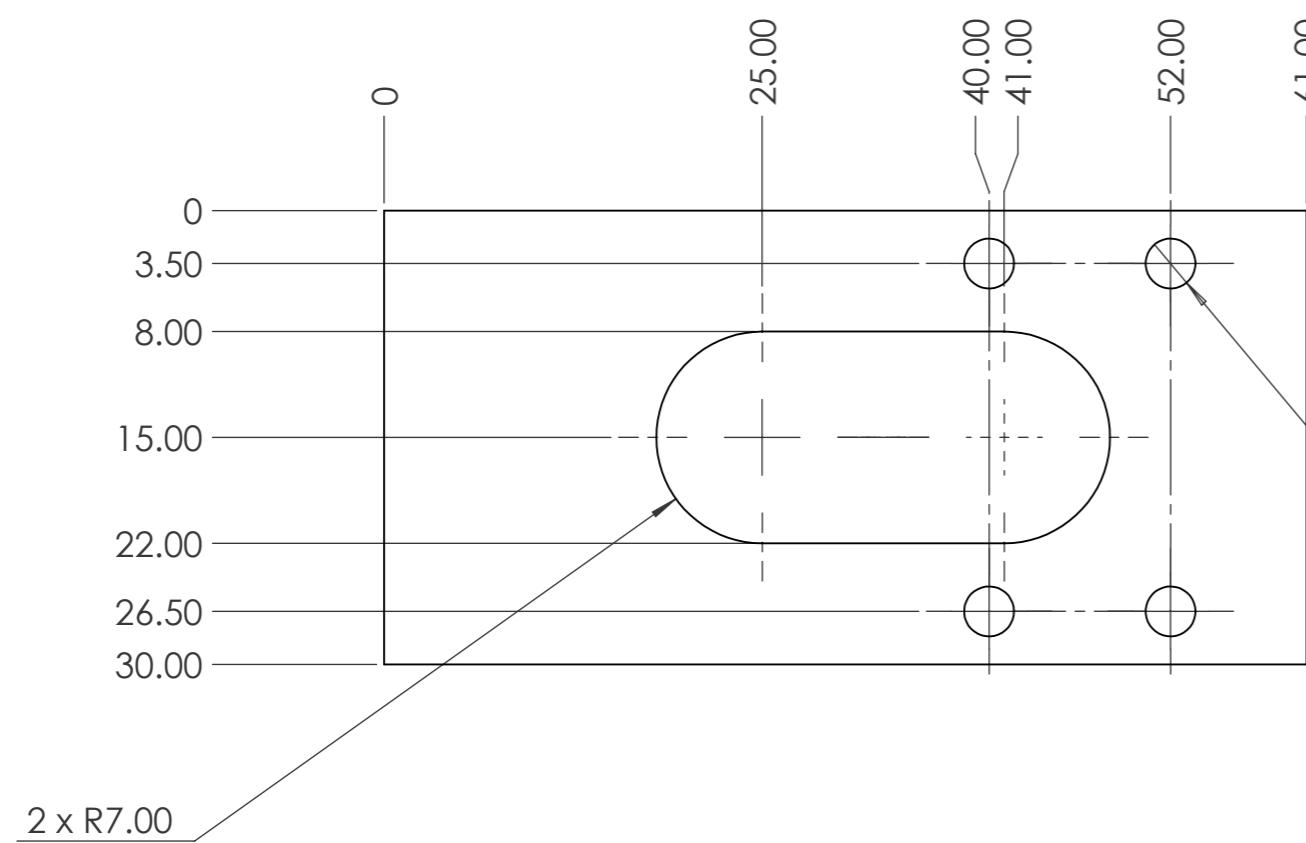
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: 1018 CRS	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: Black Oxide		REV: 0		
QTY: 1		PART NUMBER: A40-1400-11-019-006 Angeled Bracket Top		PART NAME:		
MOD:	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1		



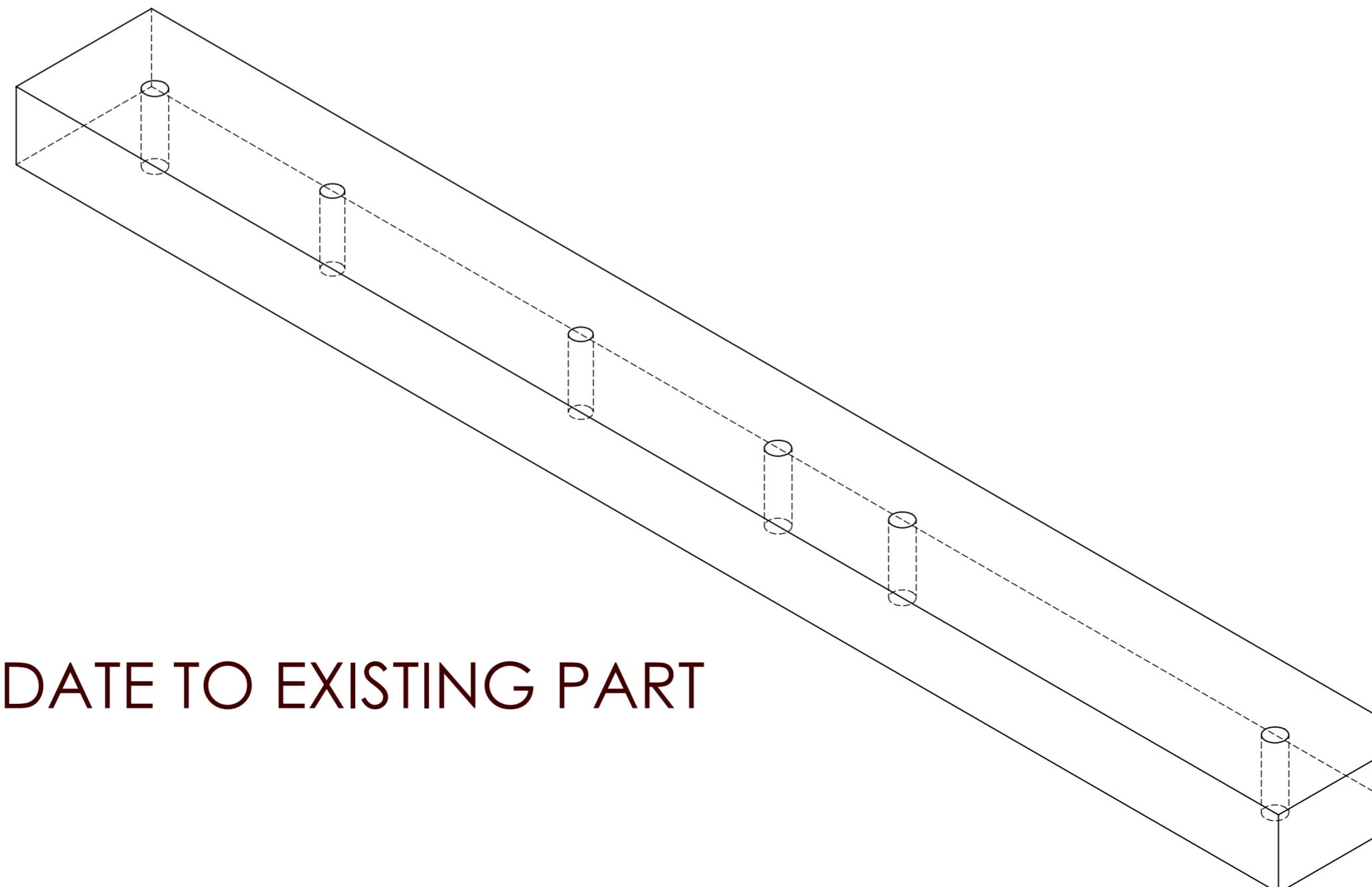
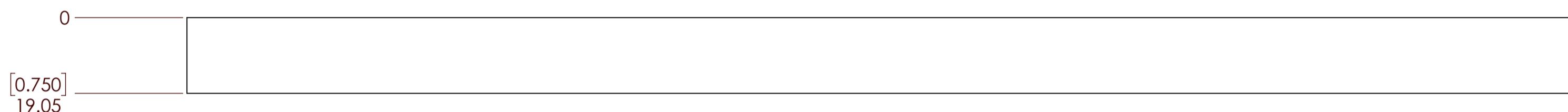
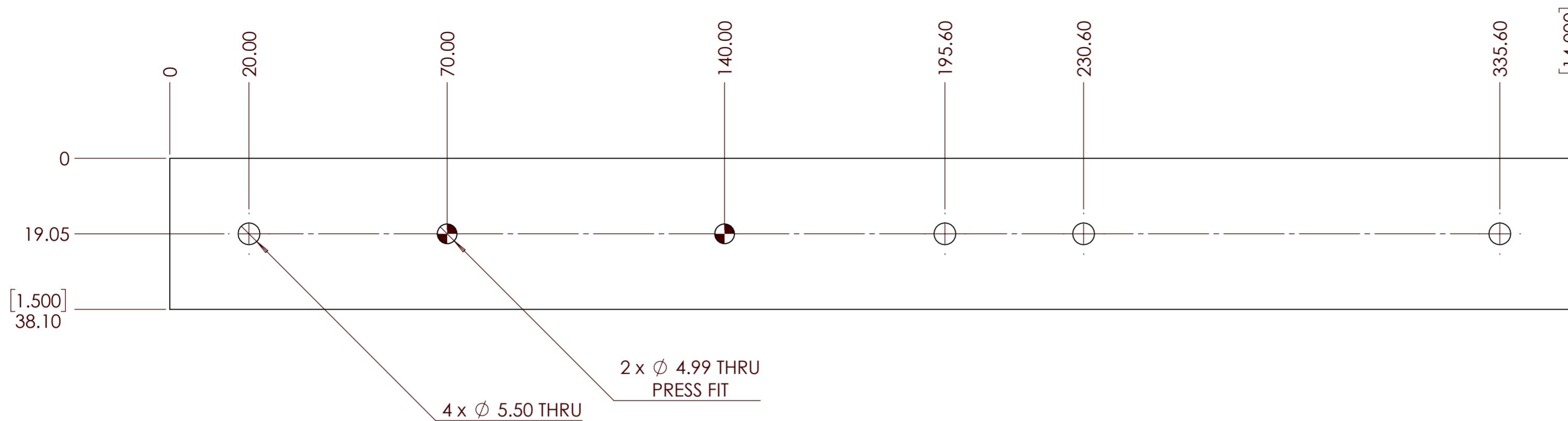
<b>swoboda</b>		3RD ANGLE PROJECTION	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636 Ph. 616-554-6161 Fax 616-554-9093		GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°	CAD SYSTEM SW		
DRAWN	DATE (MM/DD/YY)	MATERIAL	HEAT TREAT	54-56	
LAD	5/31/2022	A2 Tool Steel			
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING	NO	REV 0	
QTY: 3		PART NUMBER	PART NAME		
A40-1400-11-019-007 Rail Side					
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1.5	SIZE 1 OF 1	SIZE A2



Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: A2 Tool Steel	HEAT TREAT: 54-56	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO		REV: 0		
QTY: 2		PART NUMBER: A40-1400-11-019-009 Side angle Rail				PART NAME:
MOD: N	VENDOR PART#: N/A	DO NOT SCALE		SCALE: 2:1	SHEET: 1 OF 1	SIZE A3



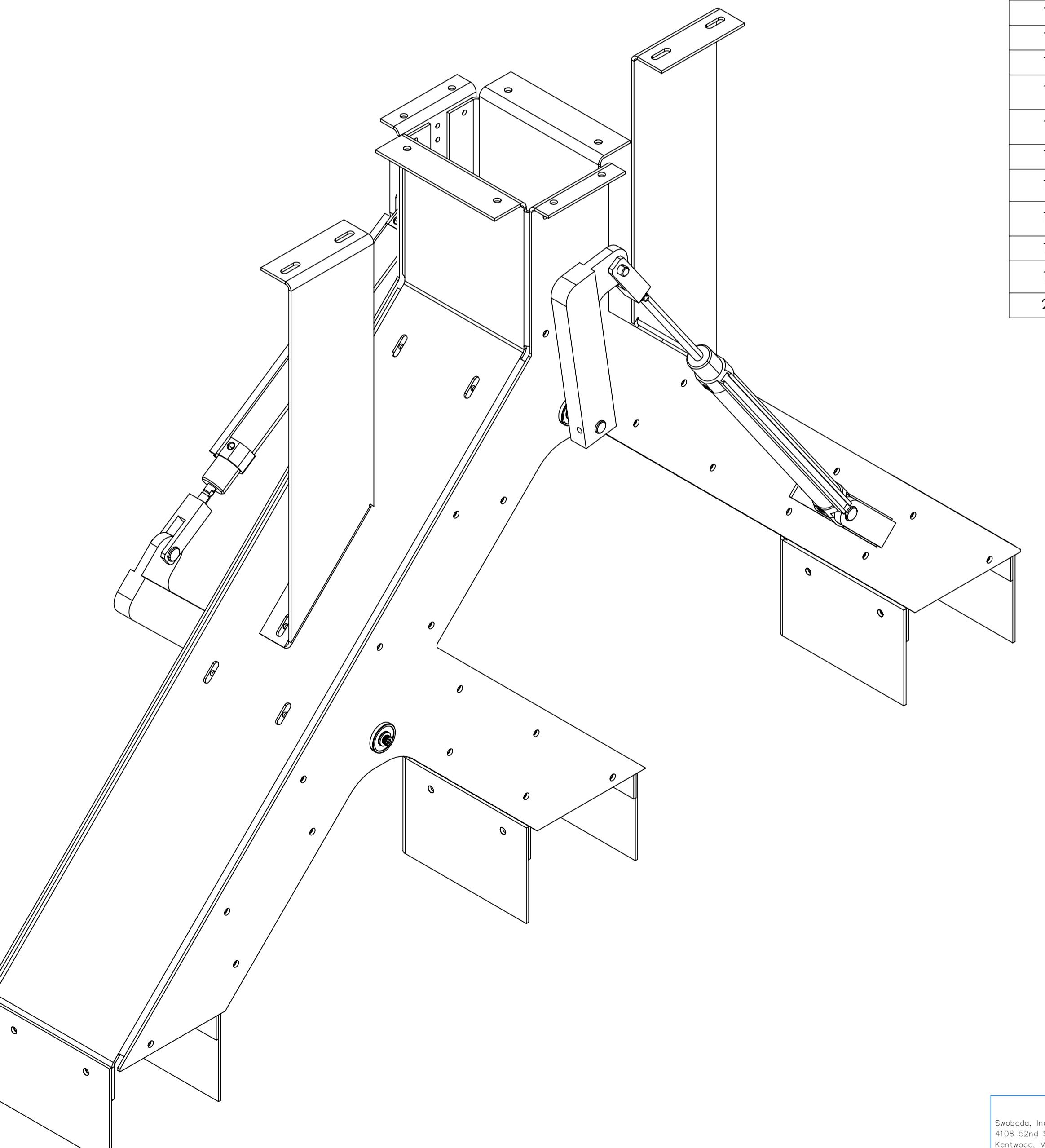
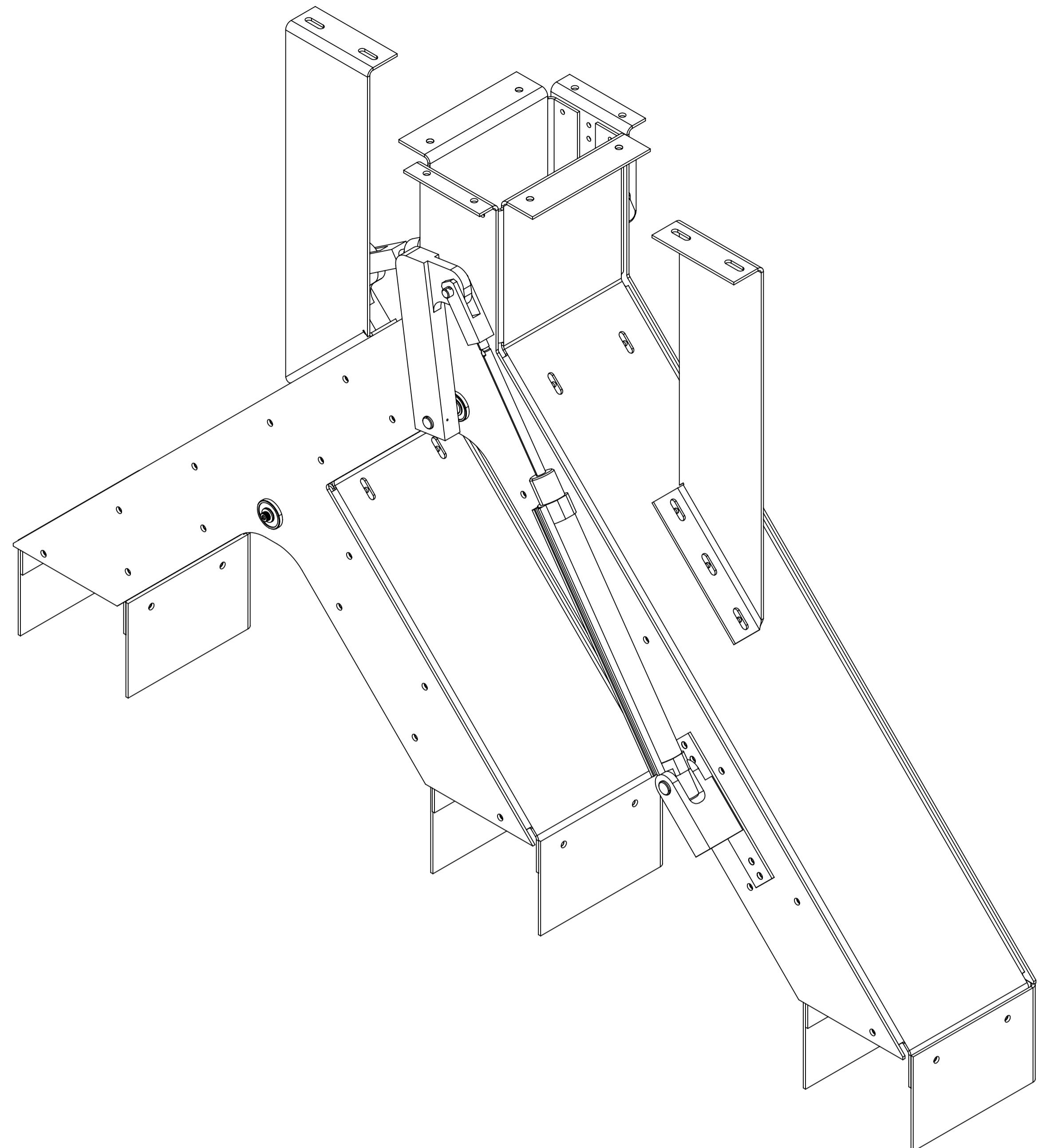
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: A2 Tool Steel	HEAT TREAT: 54-56	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO		REV: 0		
QTY: 1		PART NUMBER: A40-1400-11-019-0010	PART NAME: Top angle Rail			
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1		

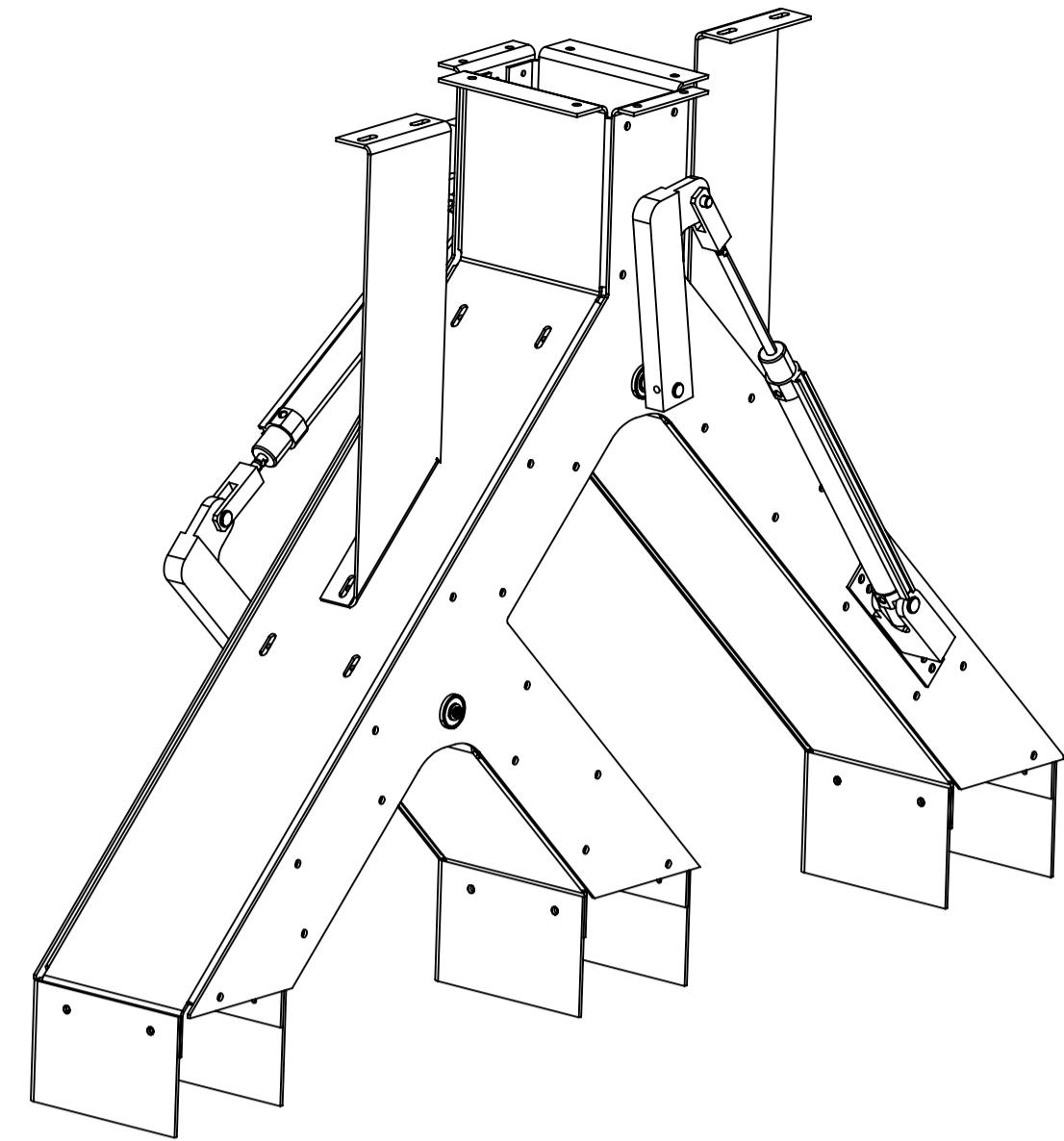
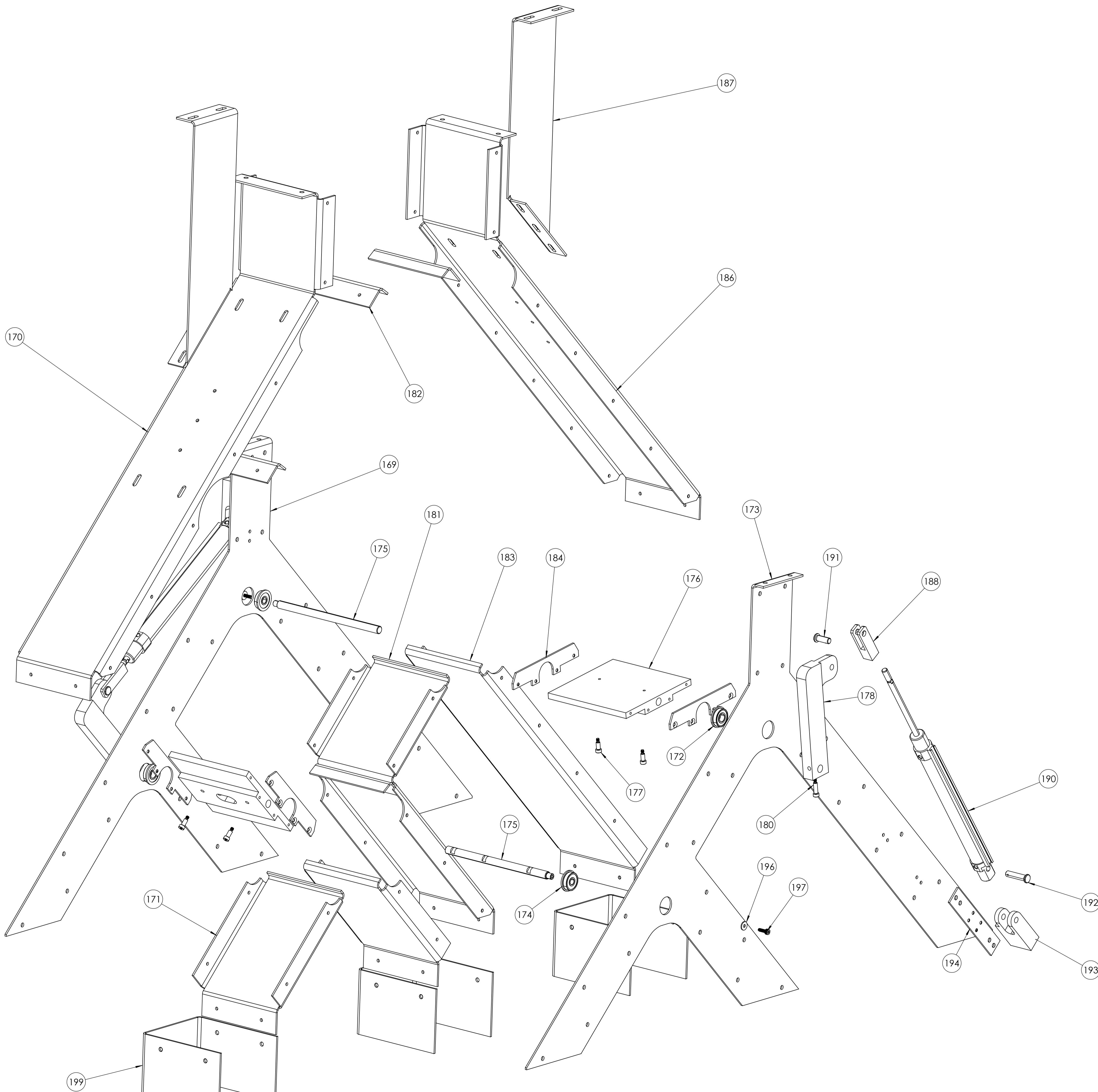


**UPDATE TO EXISTING PART**

<b>swoboda</b> Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636 Ph. 616-554-6161 Fax 616-554-9093		3RD ANGLE PROJECTION	METRIC ALL DIMENSION IN MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
DRAWN	LAD	DATE (MM/DD/YY) 5/31/2022	MATERIAL Aluminum	HEAT TREAT NO	CAD SYSTEM NX
			SURFACE COATING NO		REV 0
<b>QTY:</b> 1		PART NUMBER A40-1400-11-019-011 Vibe_Top_Connector	PART NAME		
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	SIZE A2	SHEET 1 OF 1

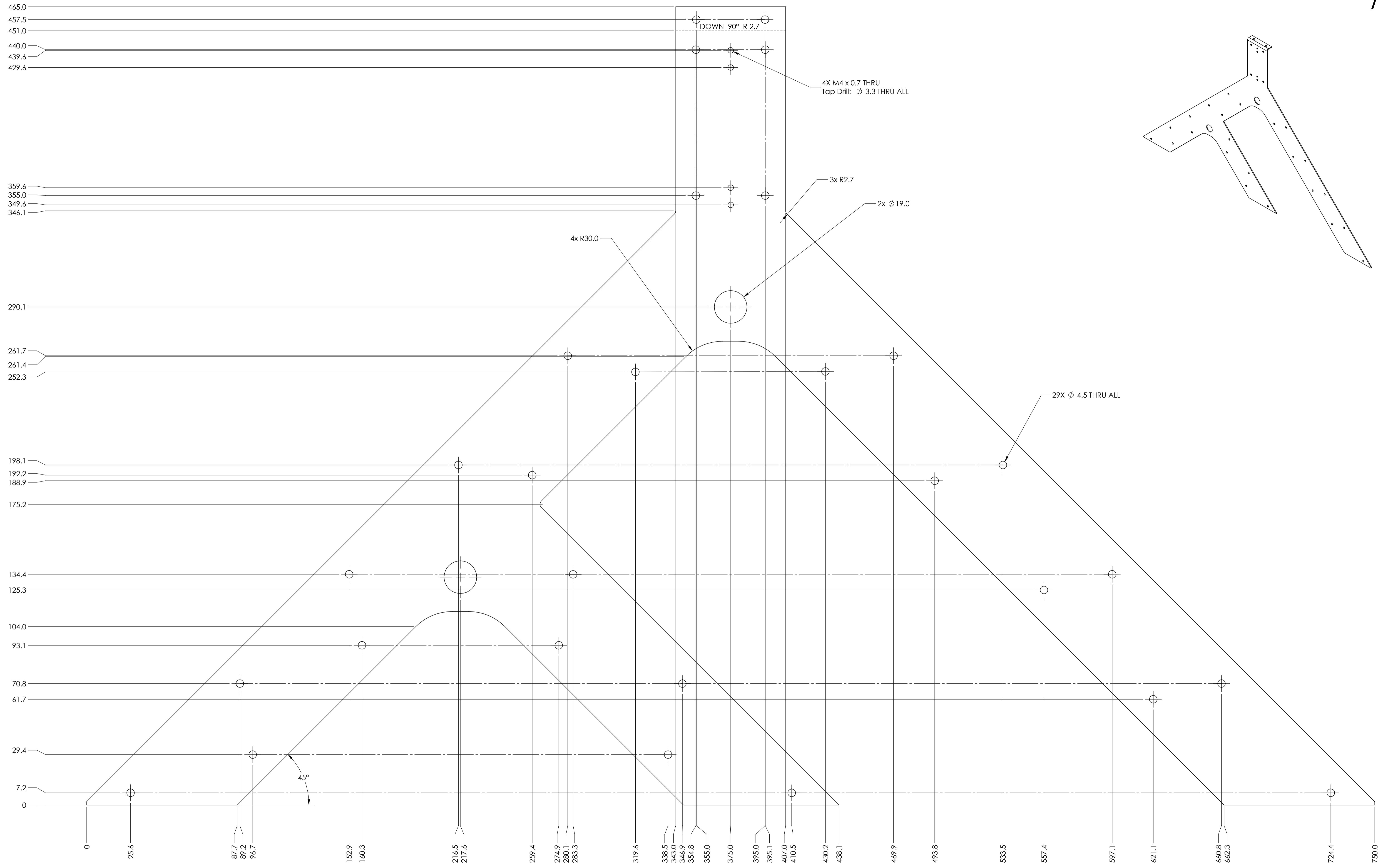
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
169	A40-1400-11-030-001	back panel	1
170	A40-1400-11-030-002	outside panel	1
171	A40-1400-11-030-005	short straight panel	2
172	SFLC698ZZ	ID:8 OD19 Flanged Bearing	2
173	A40-1400-11-030-007	Front Panel	1
174	SFLC626ZZ	ID:6 OD19: Flanged bearing	2
175	A40-1400-11-030-016	Trap Door Shaft	2
176	A40-1400-11-030-006	Trap Door	2
177	92981A142	Alloy Steel Shoulder Screws	4
178	A40-1400-11-030-010	lever arm	2
179	92981A743	Alloy Steel Shoulder Screws	1
180	92981A143	Alloy Steel Shoulder Screws	1
181	A40-1400-11-030-003	ninety degree panel	1
182	A40-1400-11-030-012	chute extenson	4
183	A40-1400-11-030-004	Long Straight Panel	1
184	A40-1400-11-030-013	door shroud	4
185	91294A128	Black-Oxide Alloy Steel Hex Drive Flat Head Screw	24
186	A40-1400-11-030-014	outside panel	1
187	A40-1400-11-030-011	vertical support	2
188	FNTS6_1_0_D6_B6_U20 (clevis)		2
189	CD85N16_125_A(shaft)		2
190	CD85N16_125_A		2
191	HCLGN6_12		2
192	HCLGN6_22		2
193	A40-1400-11-030-008	Cyl clevis	2
194	A40-1400-11-030-009	Cyl clevis support	2
195	91290A138	Alloy Steel Socket Head Screw	80
196	91116A120	18-8 Stainless Steel Oversized Washer	2
197	91290A115	Black-Oxide Alloy Steel Socket Head Screw	2
198	91239A136	Button Head Hex Drive Screw	8
199	A40-1400-11-030-015	Chute Bottom	3
200	91290A140	Alloy Steel Socket Head Screw	8



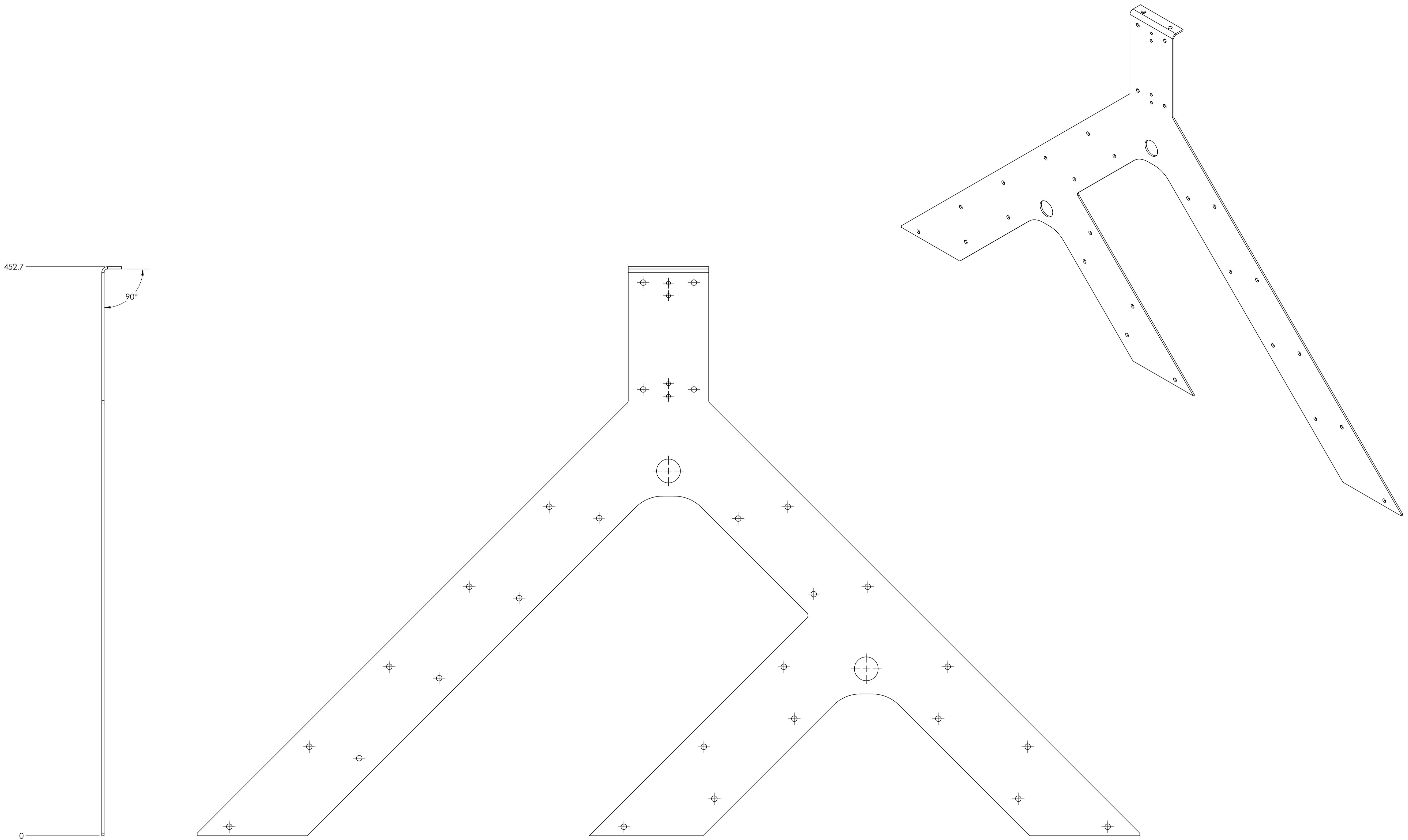


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
169	A40-1400-11-030-001	back panel	1
170	A40-1400-11-030-002	outside panel	1
171	A40-1400-11-030-005	short straight panel	2
172	SFLC698ZZ	ID:8 OD19 Flanged Bearing	2
173	A40-1400-11-030-007	Front Panel	1
174	SFLC626ZZ	ID:6 OD19: Flanged bearing	2
175	A40-1400-11-030-016	Trap Door Shaft	2
176	A40-1400-11-030-006	Trap Door	2
177	92981A142	Alloy Steel Shoulder Screws	4
178	A40-1400-11-030-010	lever arm	2
179	92981A743	Alloy Steel Shoulder Screws	1
180	92981A143	Alloy Steel Shoulder Screws	1
181	A40-1400-11-030-003	ninety degree panel	1
182	A40-1400-11-030-012	chute extension	4
183	A40-1400-11-030-004	Long Straight Panel	1
184	A40-1400-11-030-013	door shroud	4
185	91294A128	Black-Oxide Alloy Steel Hex Drive Flat Head Screw	24
186	A40-1400-11-030-014	outside panel	1
187	A40-1400-11-030-011	vertical support	2
188	FNTS6_1_0_D6_B6_U20 (clevis)		2
189	CD85N16_125_A{shaft}		2
190	CD85N16_125_A		2
191	HCLGN6_12		2
192	HCLGN6_22		2
193	A40-1400-11-030-008	Cyl clevis	2
194	A40-1400-11-030-009	Cyl clevis support	2
195	91290A138	Alloy Steel Socket Head Screw	80
196	91116A120	18-8 Stainless Steel Oversized Washer	2
197	91290A115	Black-Oxide Alloy Steel Socket Head Screw	2
198	91239A136	Button Head Hex Drive Screw	8
199	A40-1400-11-030-015	Chute Bottom	3
200	91290A140	Alloy Steel Socket Head Screw	8

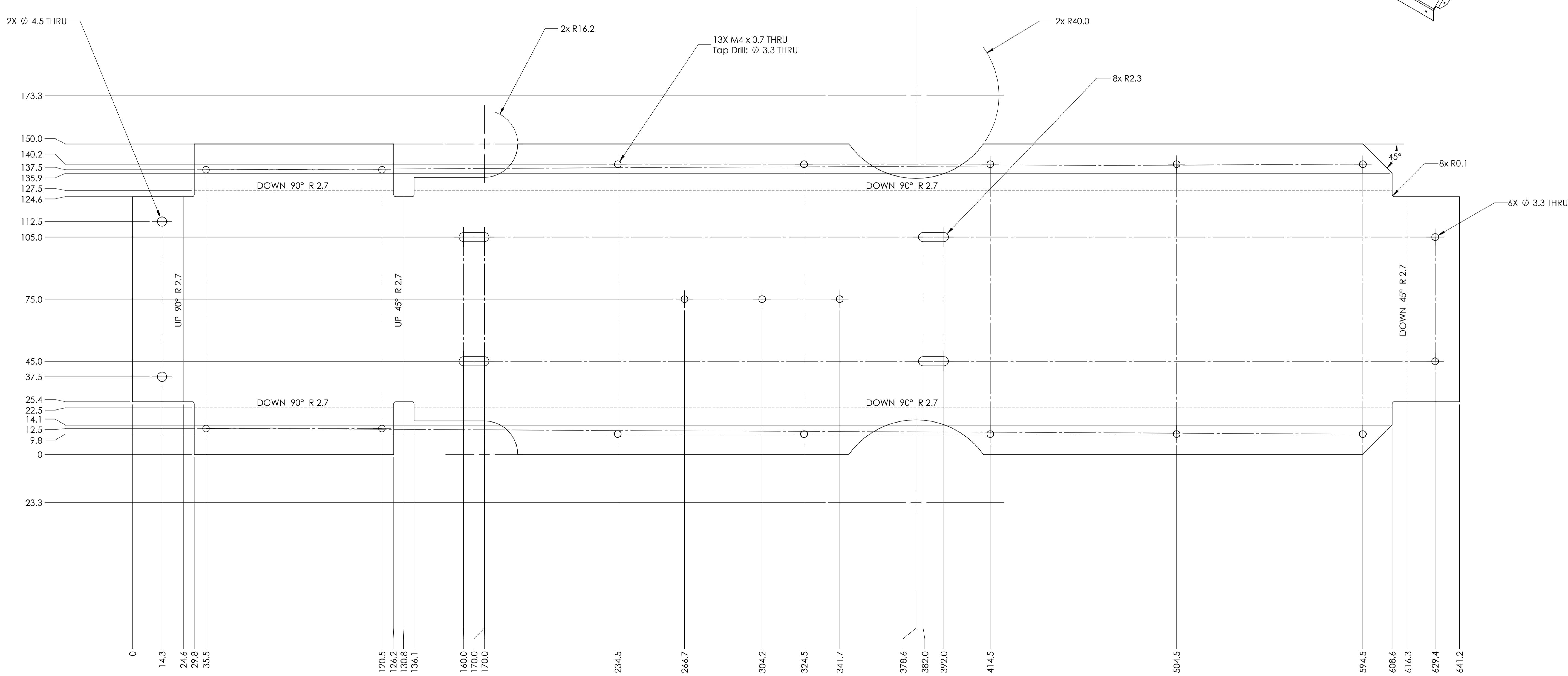
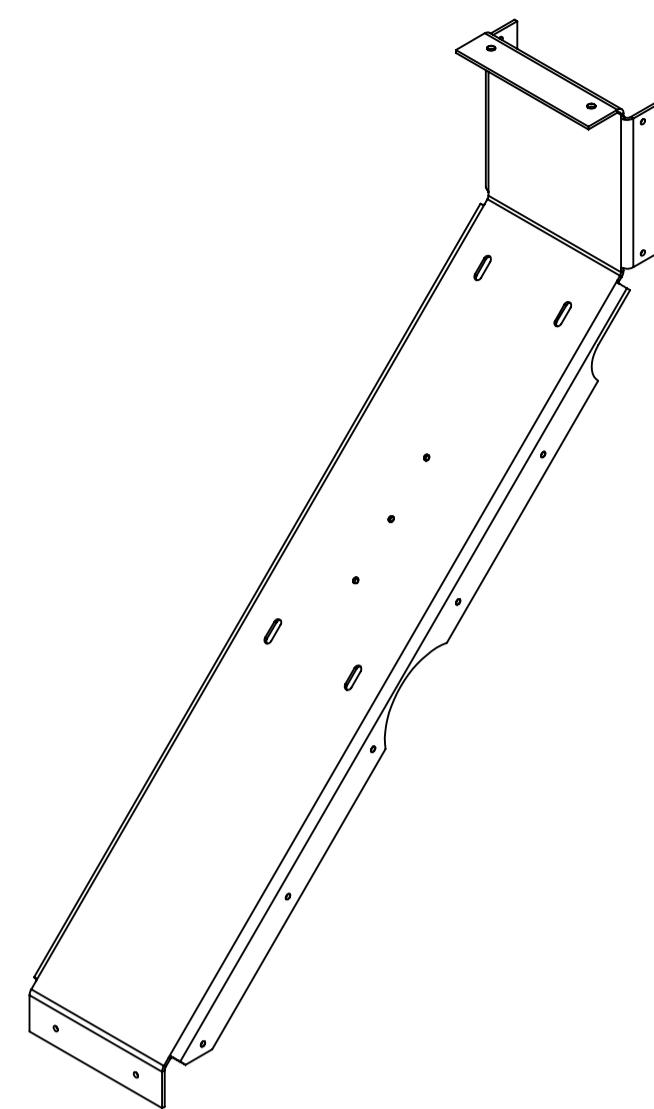
SWOBODA		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9033	GENERAL DIMENSIONAL TOLERANCING: $X, x = \pm 0.1$ $X, xx = \pm 0.05$ $ANGLE = \pm 1^\circ$		
DRAWN	LD	DATE (MM/DD/YY) 8/9/2022	MATERIAL N/A	HEAT TREAT NO	CAD SYSTEM SW
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING NO		REV 0	
QTY: 1		PART NUMBER SA-6		PART NAME	
MOD N	VENDOR PART# N/A	DO NOT SCALE		SCALE 1:2	SHEET 110F 11 SIZE A1



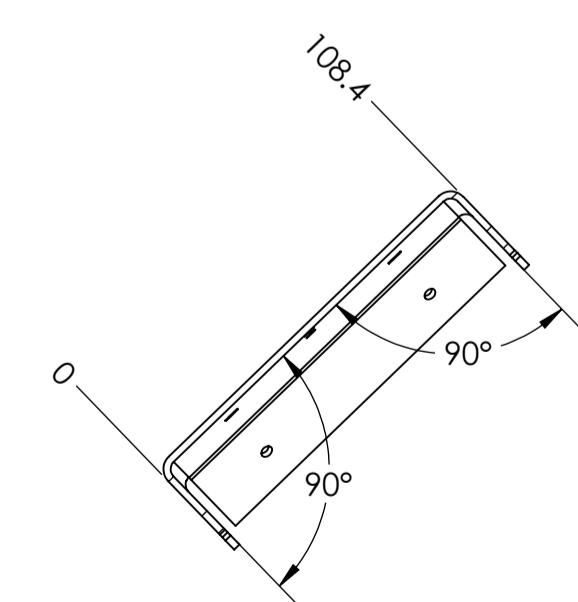
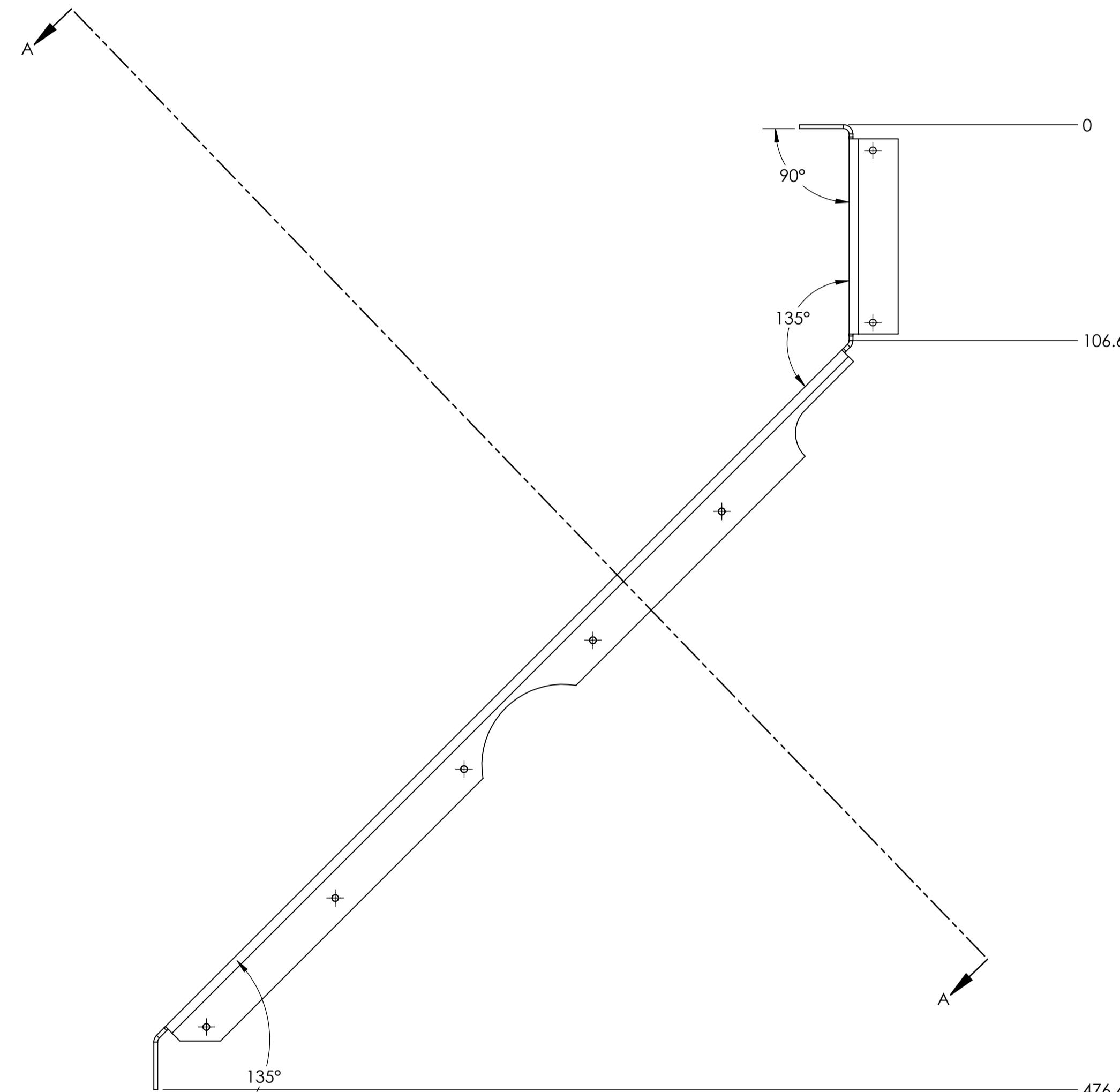
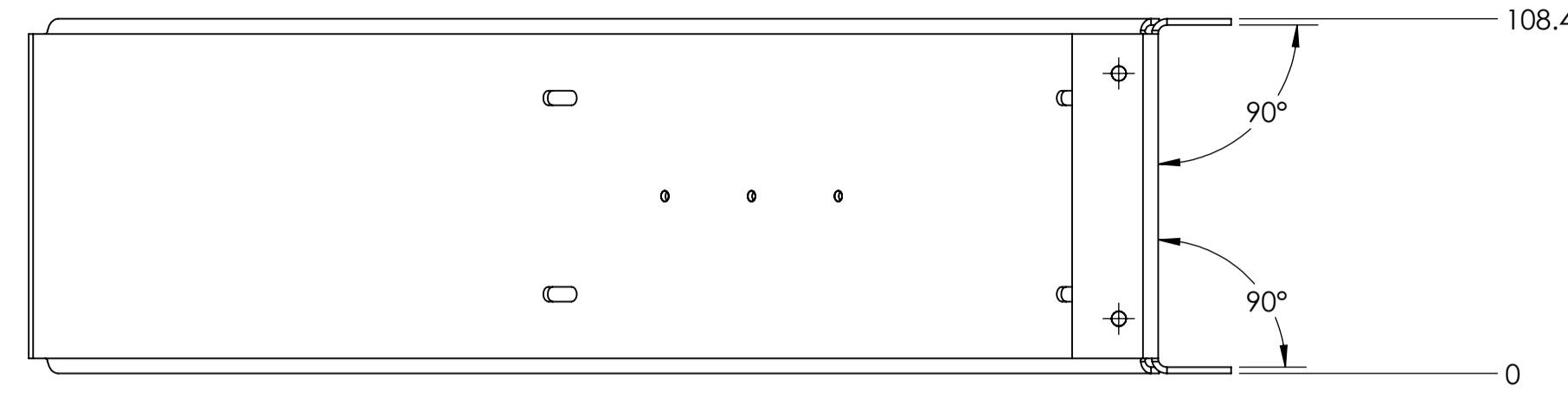
swoboda		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093		GENERAL DIMENSIONAL TOLERANCING: X,X=±0.1 X.XXX=±0.05 ANGLE=±1°	CAD SYSTEM NX
DRAWN	CRK	DATE (MM/DD/YY)	MATERIAL	HEAT TREAT	NO
		6/2/2022	14 Gauge Stainless Steel Sheet		
			ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED	SURFACE COATING	REV 0
QTY:	1			PART NUMBER	PART NAME
MOD N	VENDOR PART# N/A			A40-1400-11-030-001 Back Panel	
		DO NOT SCALE	SCALE 1:1	SHEET 1 OF 2	
					SIZE A1



SWOBODA		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093			CAD SYSTEM NX
DRAWN CRK	DATE (MM/DD/YY) 6/2/2022	MATERIAL 14 Gauge Stainless Steel	HEAT TREAT NO		
		ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED	SURFACE COATING NO	REV 0	
QTY: 1			PART NUMBER A40-1400-11-030-001 Back Panel	PART NAME	
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1.5	SHEET 2 OF 2	SIZE A1

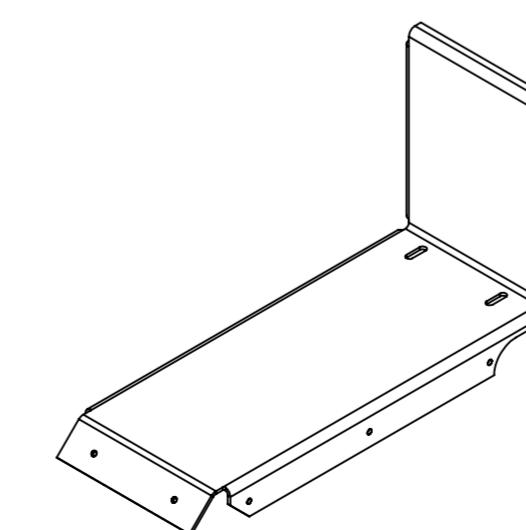
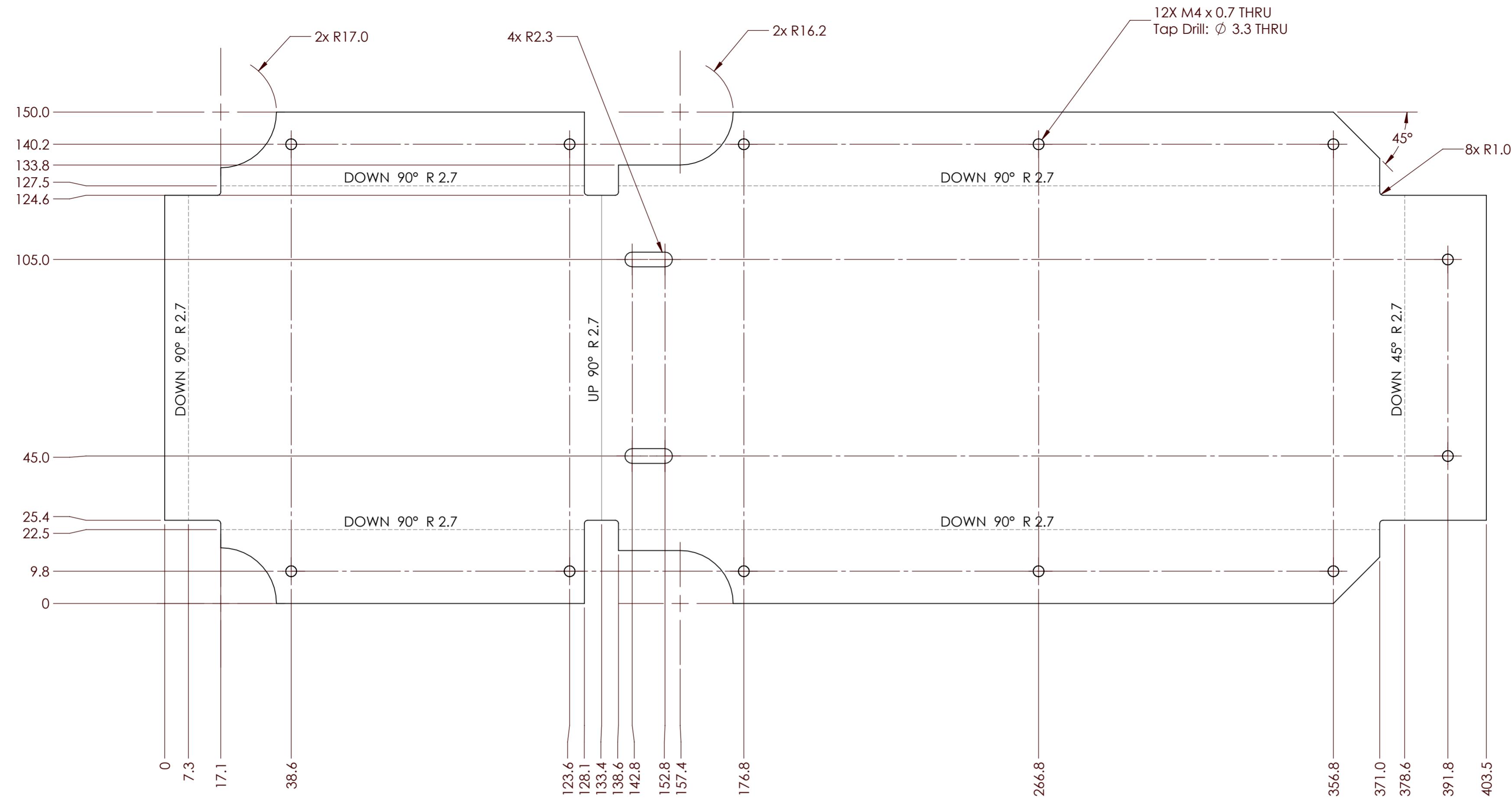


swoboda Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		3RD ANGLE PROJECTION 	METRIC All Dimensions in MM  GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XXX=±0.05 ANGLE=±1°	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER  CAD SYSTEM NX
DRAWN CRK	DATE (MM/DD/YY) 6/2/2022	MATERIAL 14 Gauge Stainless Steel	HEAT TREAT NO		
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING NO	REV 0		
QTY: 1		PART NUMBER A40-1400-11-030-002	PART NAME Outside Panel		
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	SHEET 1 OF 2	

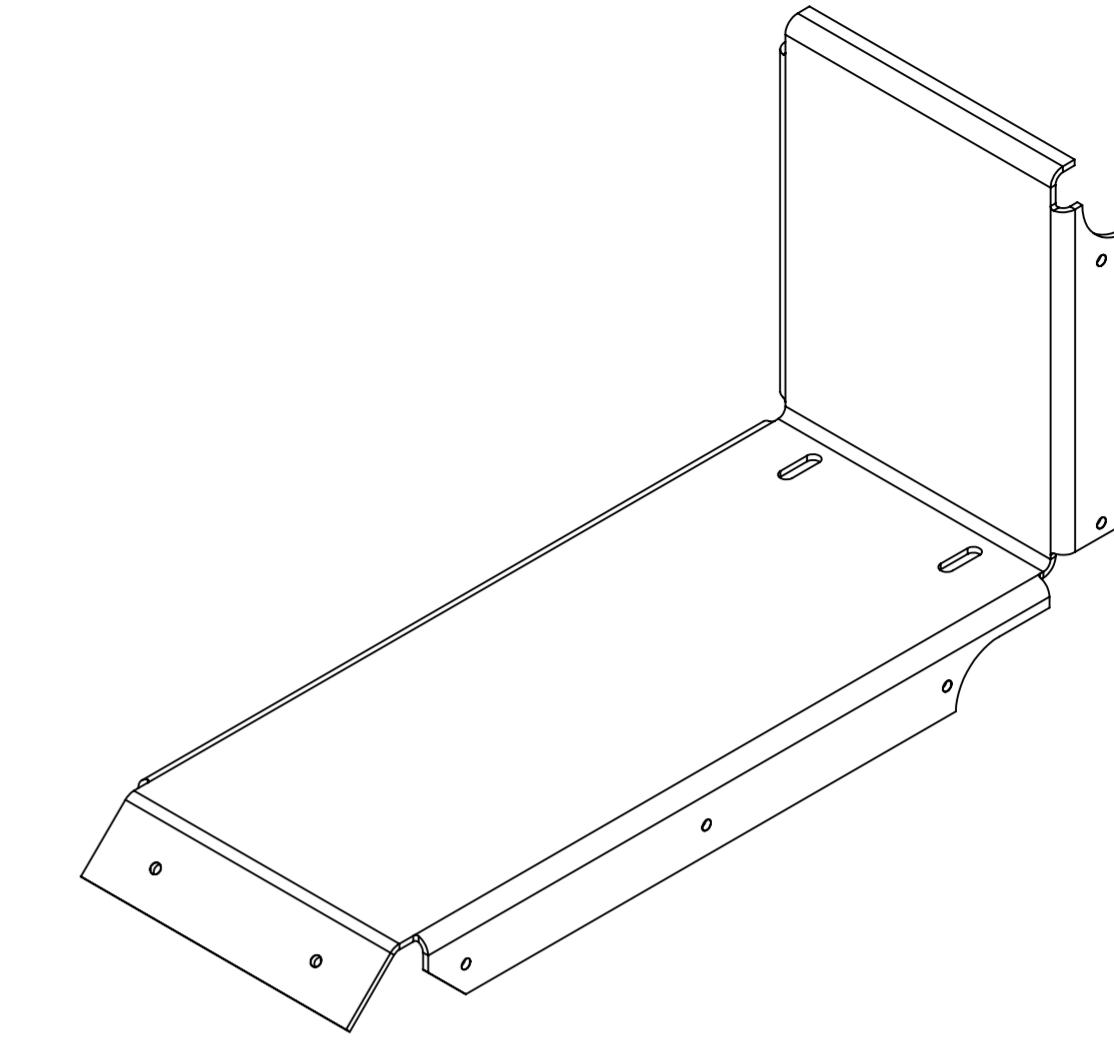
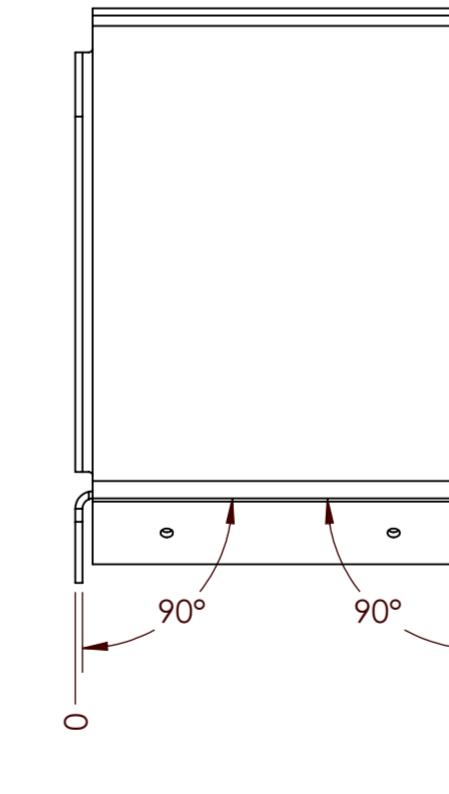
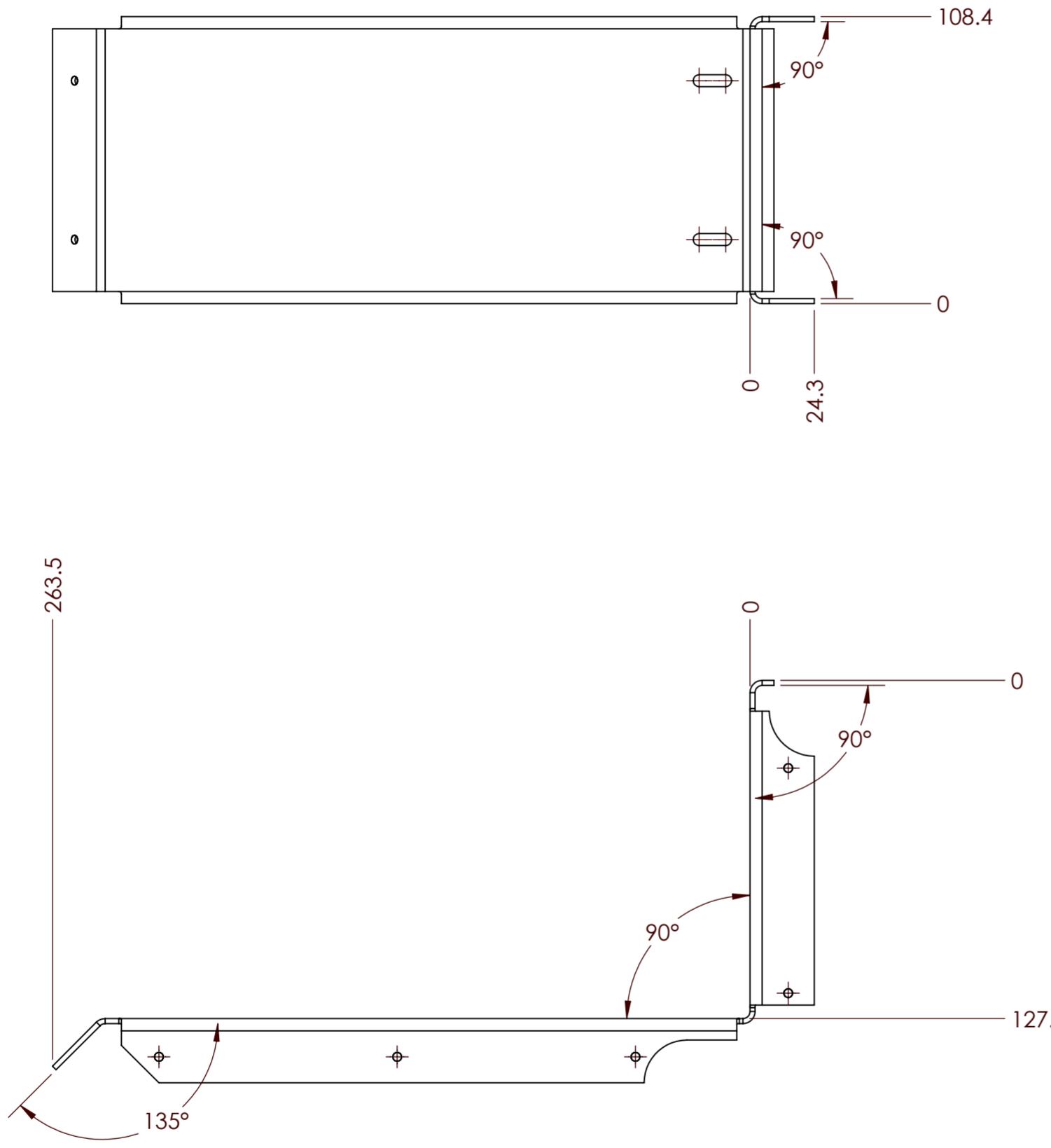


SECTION A-A

swoboda		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093		GENERAL DIMENSIONAL TOLERANCING: $X, x = \pm 0.1$ $X, XX = \pm 0.05$ $ANGLE = \pm 1^\circ$	CAD SYSTEM NX
DRAWN CRK	DATE (MM/DD/YY)	6/2/2022	MATERIAL 14 Gauge Stainless Steel	HEAT TREAT NO	
	ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING	NO	REV 0
QTY: 1			PART NUMBER	A40-1400-11-030-002 Outside Panel	PART NAME
MOD N	VENDOR PART#	N/A	DO NOT SCALE	SCALE 1:2	SIZE A1



swoboda		3RD ANGLE PROJECTION	METRIC ALL DIMENSION IN MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
		Ph. 616-554-6161 4108 52nd Street, SE Kentwood, MI 49512-9636 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM NX
DRAWN	DATE (MM/DD/YY)	MATERIAL	HEAT TREAT		
CRK	6/3/2022	14 Gauge Stainless Steel	NO		
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING	NO	REV 0	
QTY:	1	PART NUMBER	PART NAME		
MOD	VENDOR PART#	N/A	A40-1400-11-030-003 Ninety Degree Panel	SCALE 1:1	SIZE A2
N			DO NOT SCALE		



DRAWN		DATE (MM/DD/YY)	MATERIAL	HEAT TREAT
			14 Gauge Stainless Steel	NO
			SURFACE COATING	REV 0
<b>QTY:</b> 1			PART NUMBER	PART NAME
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:2	SIZE 2 OF 2

swoboda

Swoboda, Inc.  
4108 52nd Street, SE  
Kentwood, MI 49512-9636

3RD ANGLE PROJECTION



METRIC

ALL DIMENSION IN MM

IN ACCORDANCE WITH  
ASME Y14.5M-1994

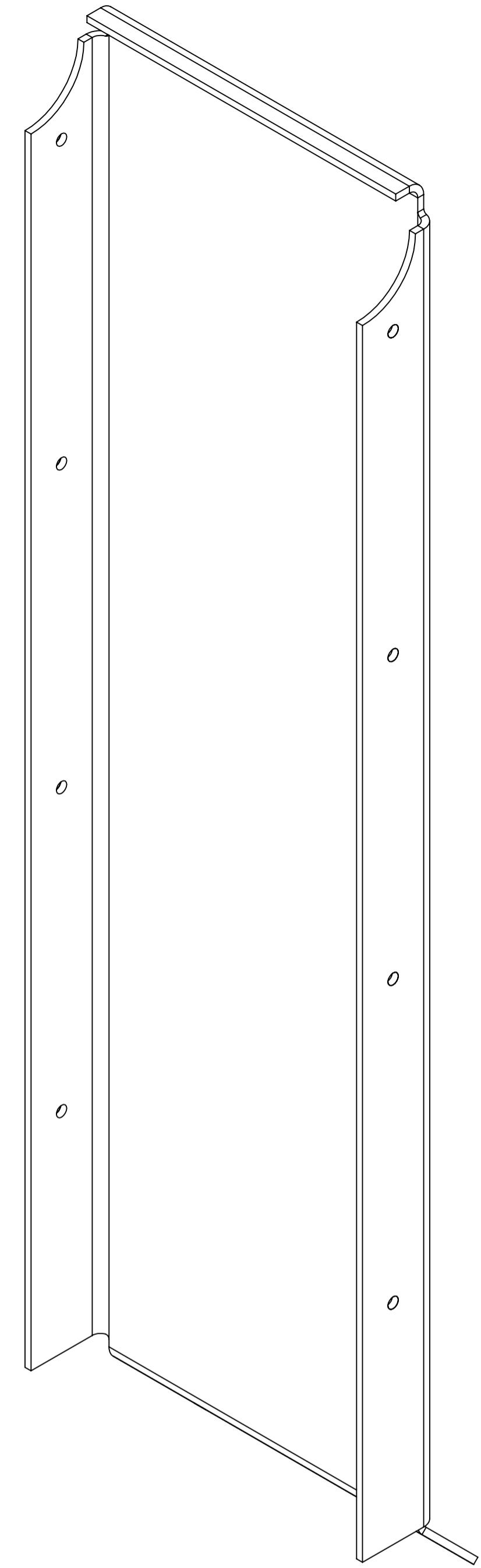
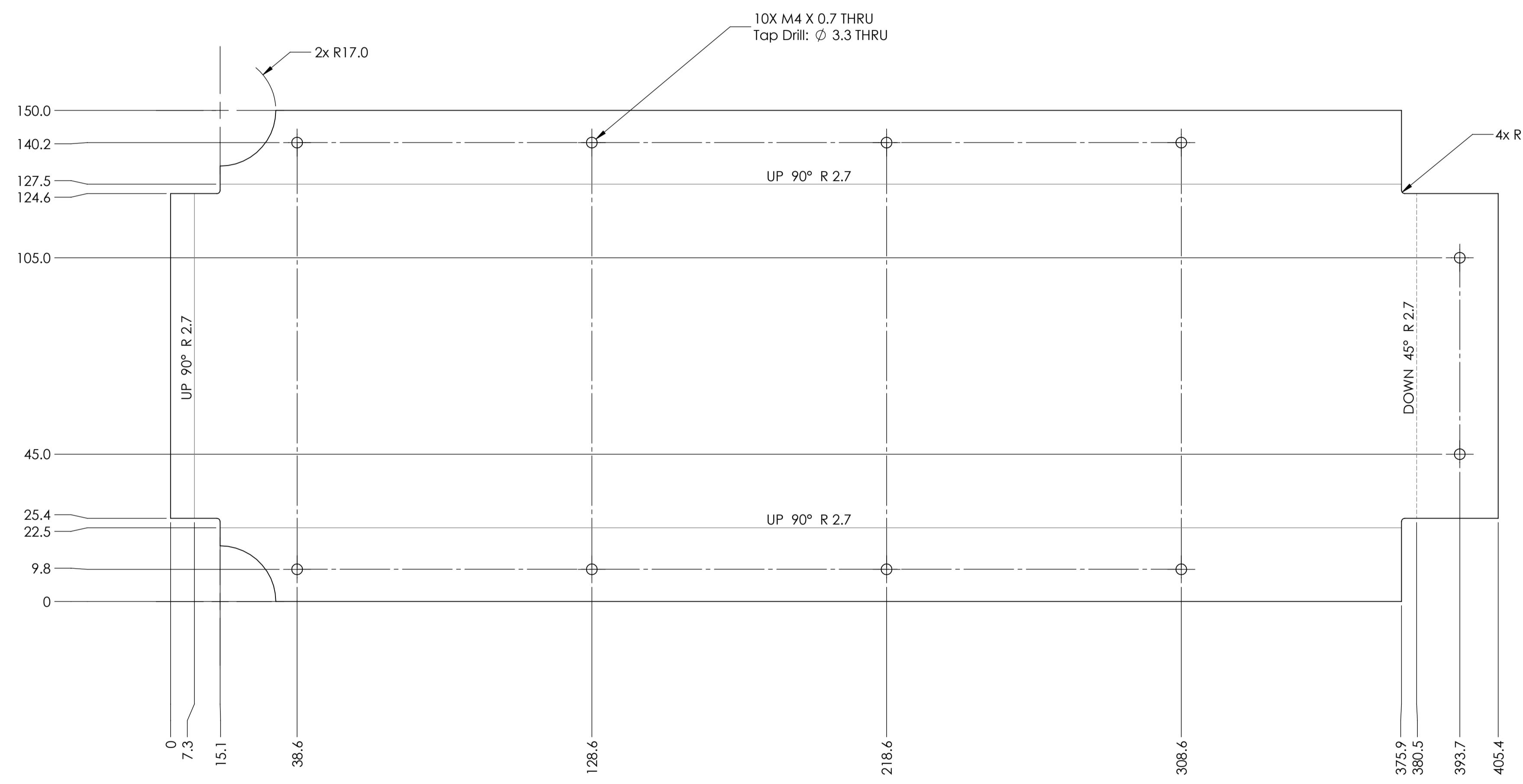
CAD DATA IS

MASTER

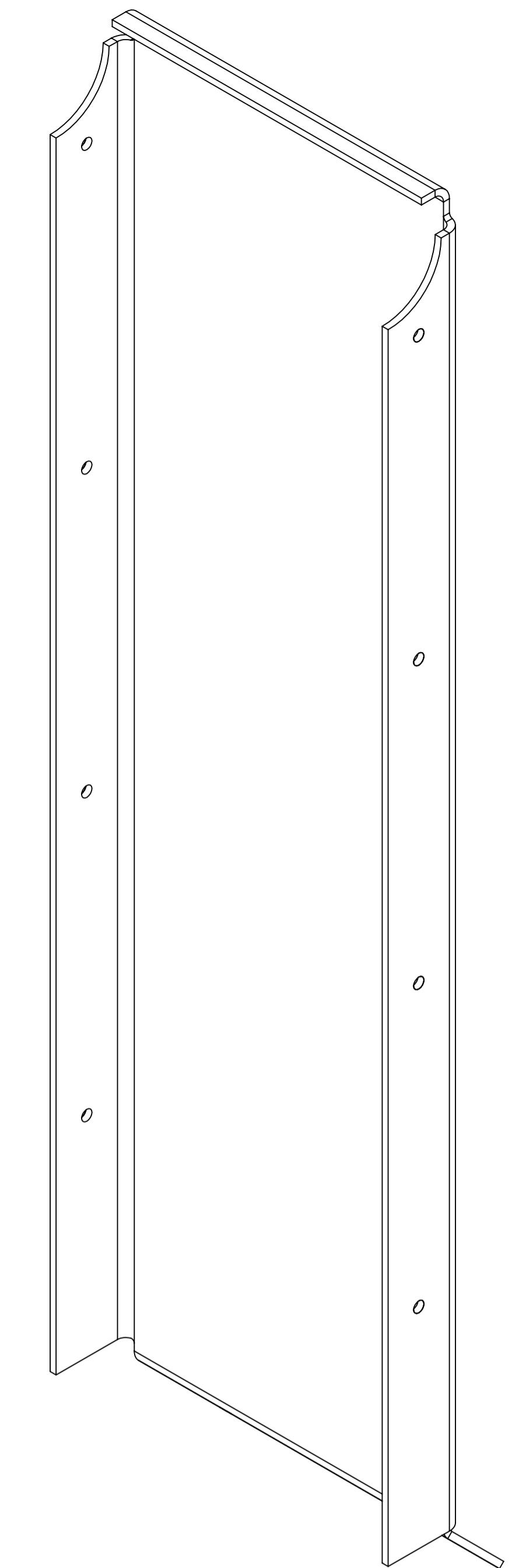
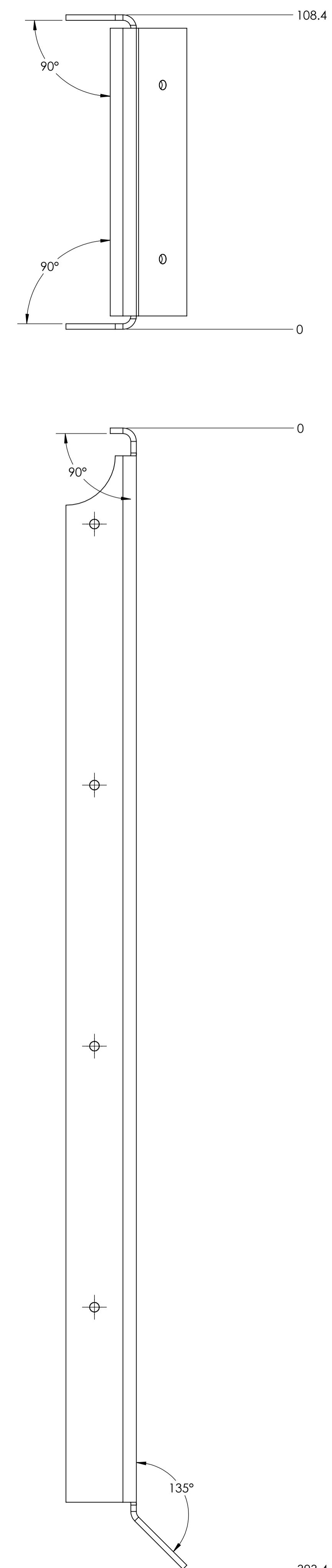
GENERAL DIMENSIONAL TOLERANCING:  
X.X=±0.1 X.XX=±0.05 ANGLE=±1°

CAD SYSTEM

NX

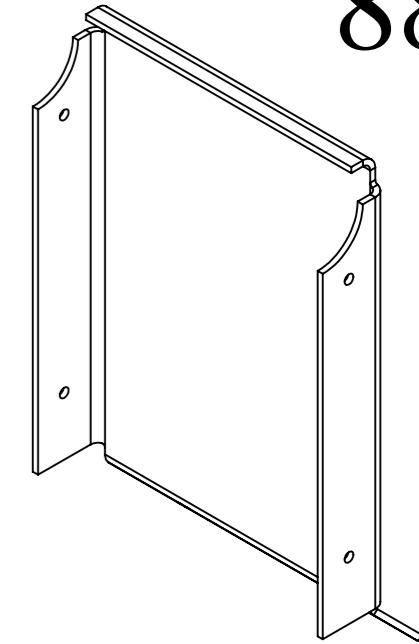
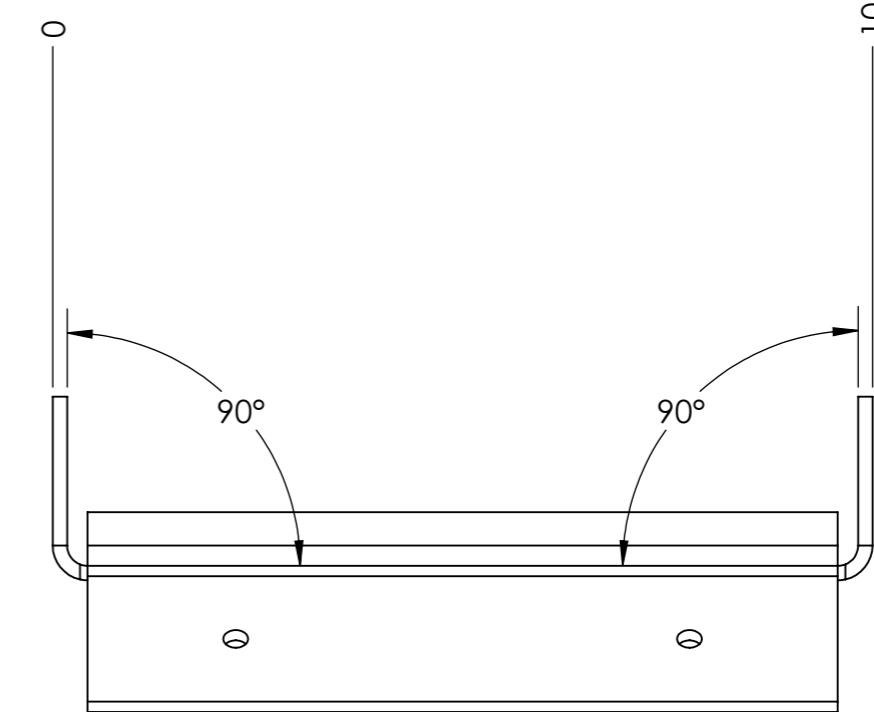
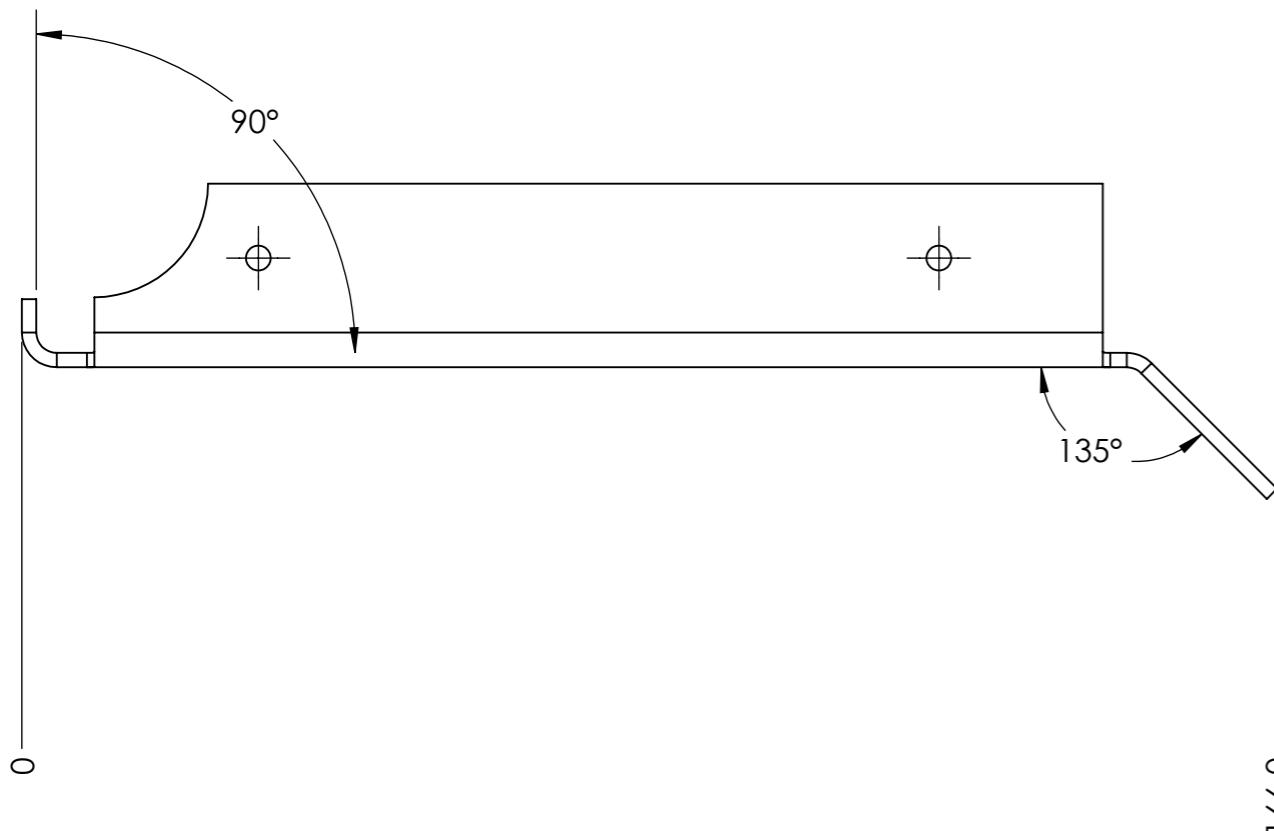


SWOBODA		3RD ANGLE PROJECTION	METRIC	IN ACCORDANCE WITH	CAD SYSTEM
		All Dimensions in MM	ASME Y14.5M-1994	CAD DATA IS MASTER	NX
Swoboda, Inc.		Ph. 616-554-6161	GENERAL DIMENSIONAL TOLERANCING: X,X=±0.1 X.XXX=±0.05 ANGLE=±1°		
4108 52nd Street, SE		Fax 616-554-9033			
Kentwood, MI 49512-9636					
DRAWN BY: CRK	DATE (MM/DD/YY): 6/2/2022	MATERIAL: 14 Gauge Stainless Steel	HEAT TREAT: NO		
		ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED	SURFACE COATING: NO	REV: 0	
			PART NUMBER: A40-1400-11-030-004 Long Straight Panel		PART NAME:
QTY: 1					
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	SHEET 1 OF 2	SIZE A1

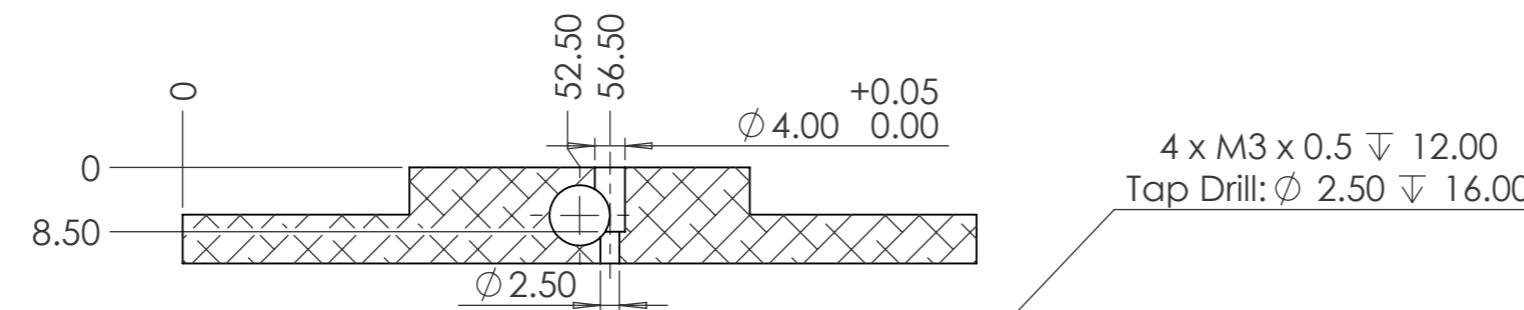
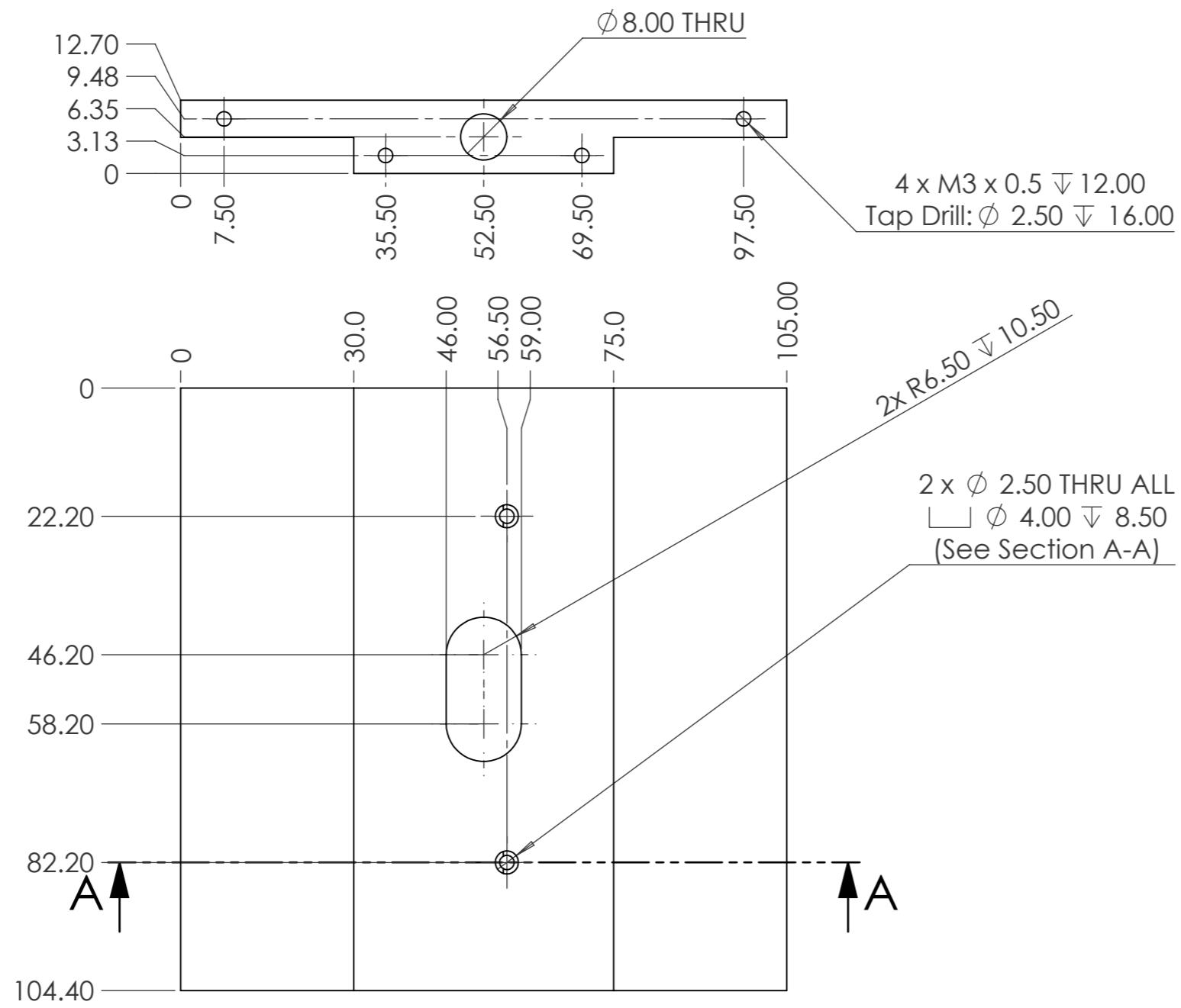


SWOBODA		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636	Ph. 616-554-6161 Fax 616-554-9093				CAD SYSTEM NX
DRAWN CRK	DATE (MM/DD/YY) 6/2/2022	MATERIAL 14 Gauge Stainless Steel	HEAT TREAT NO		
		ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED	SURFACE COATING NO	REV 0	
QTY: 1		PART NUMBER A40-1400-11-030-004 Long Straight Panel	PART NAME PART NAME		
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	SHEET 2 OF 2	SIZE A1

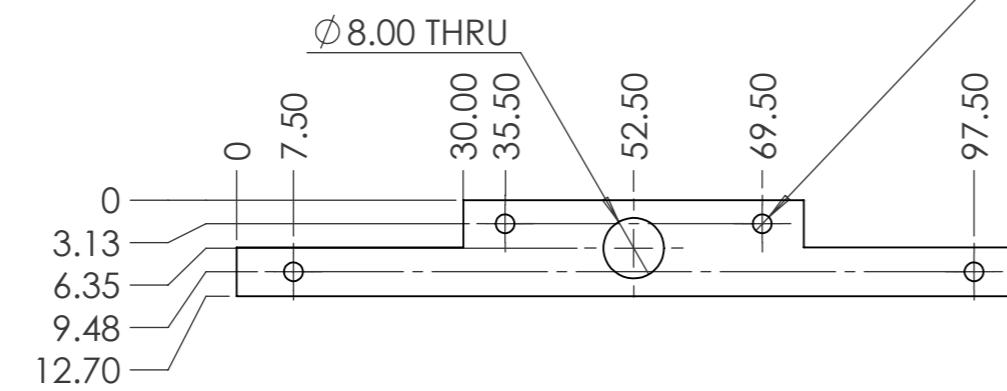




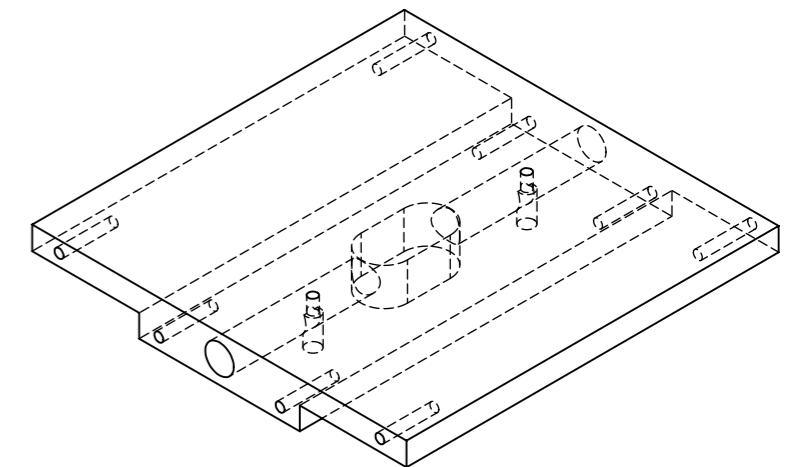
swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW
DRAWN:	CRK	DATE (MM/DD/YY)	14 Gauge Stainless Steel	HEAT TREAT:	ALL DIMENSIONS IN MM
		6/2/2022		NO	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING:		REV:	0
QTY: 2		PART NUMBER: A40-1400-11-030-005 Short Straight Panel		PART NAME:	
MOD: N	VENDOR PART#:	N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 2 OF 2
					SIZE: A3

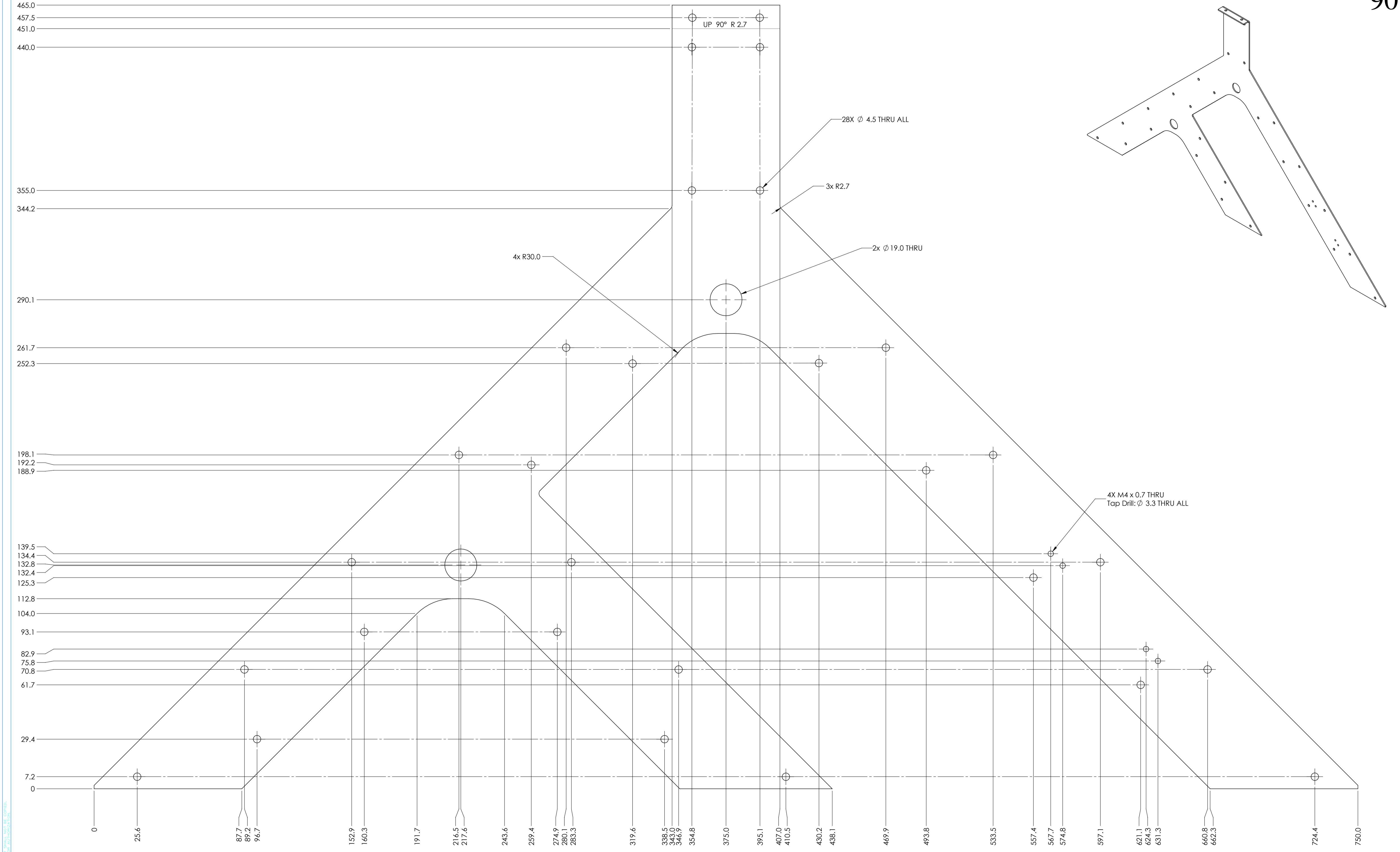


SECTION A-A

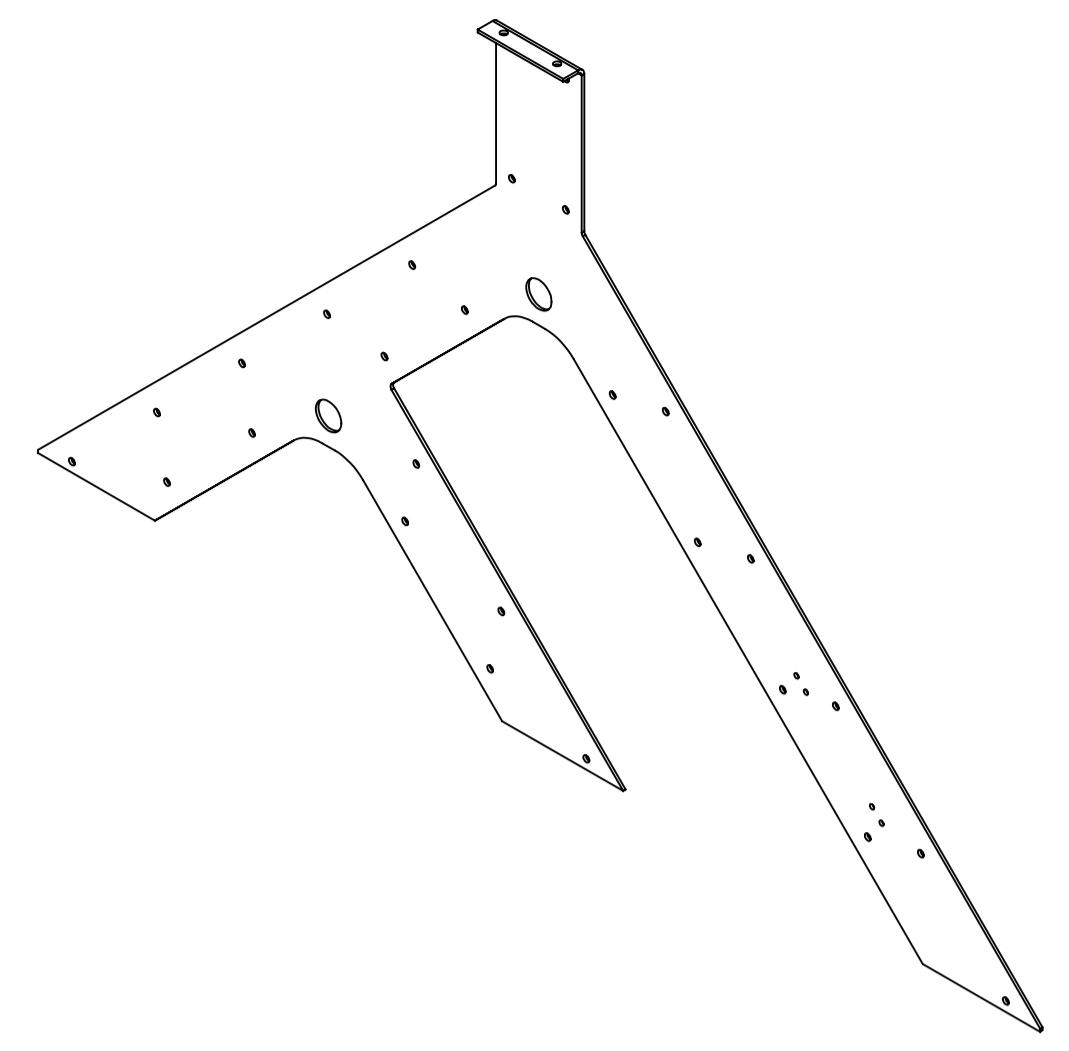
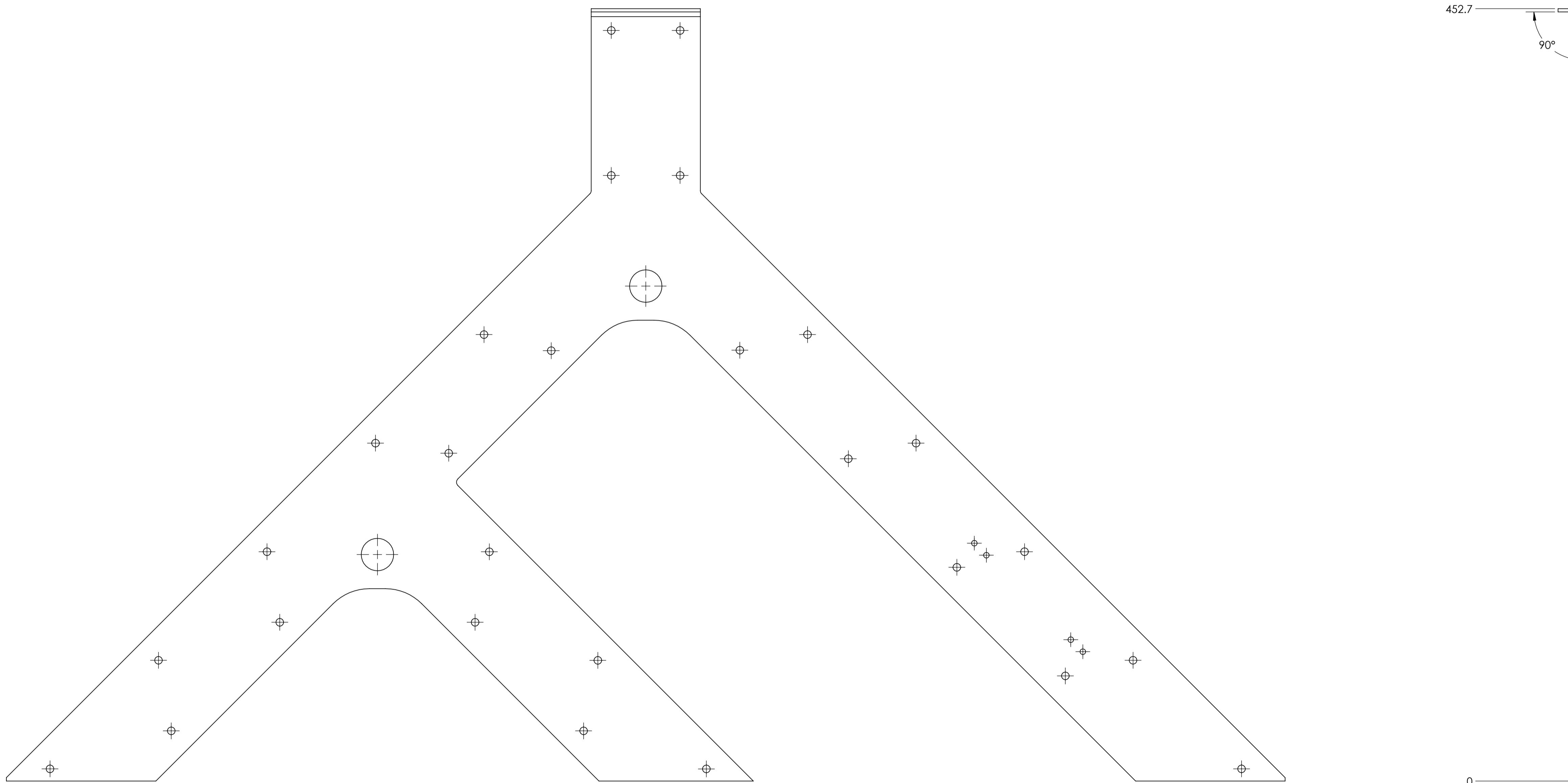


swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER CAD SYSTEM: SW
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093		GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°	
DRAWN:	LD	DATE (MM/DD/YY) 6/6/2022	MATERIAL: MIC 6	HEAT TREAT: NO	ALL DIMENSIONS IN MM
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0		
QTY: 2		PART NUMBER: A40-1400-11-030-006 Trap Door	PART NAME:		
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1	SIZE A3

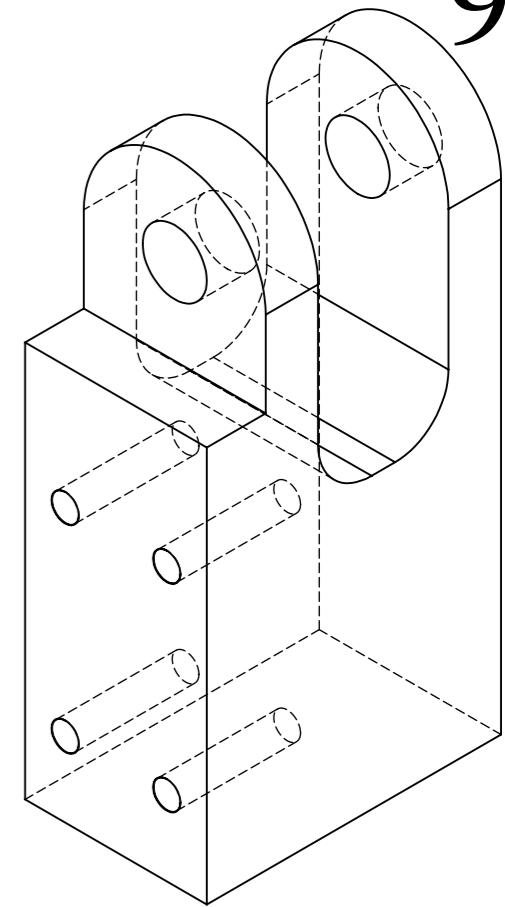
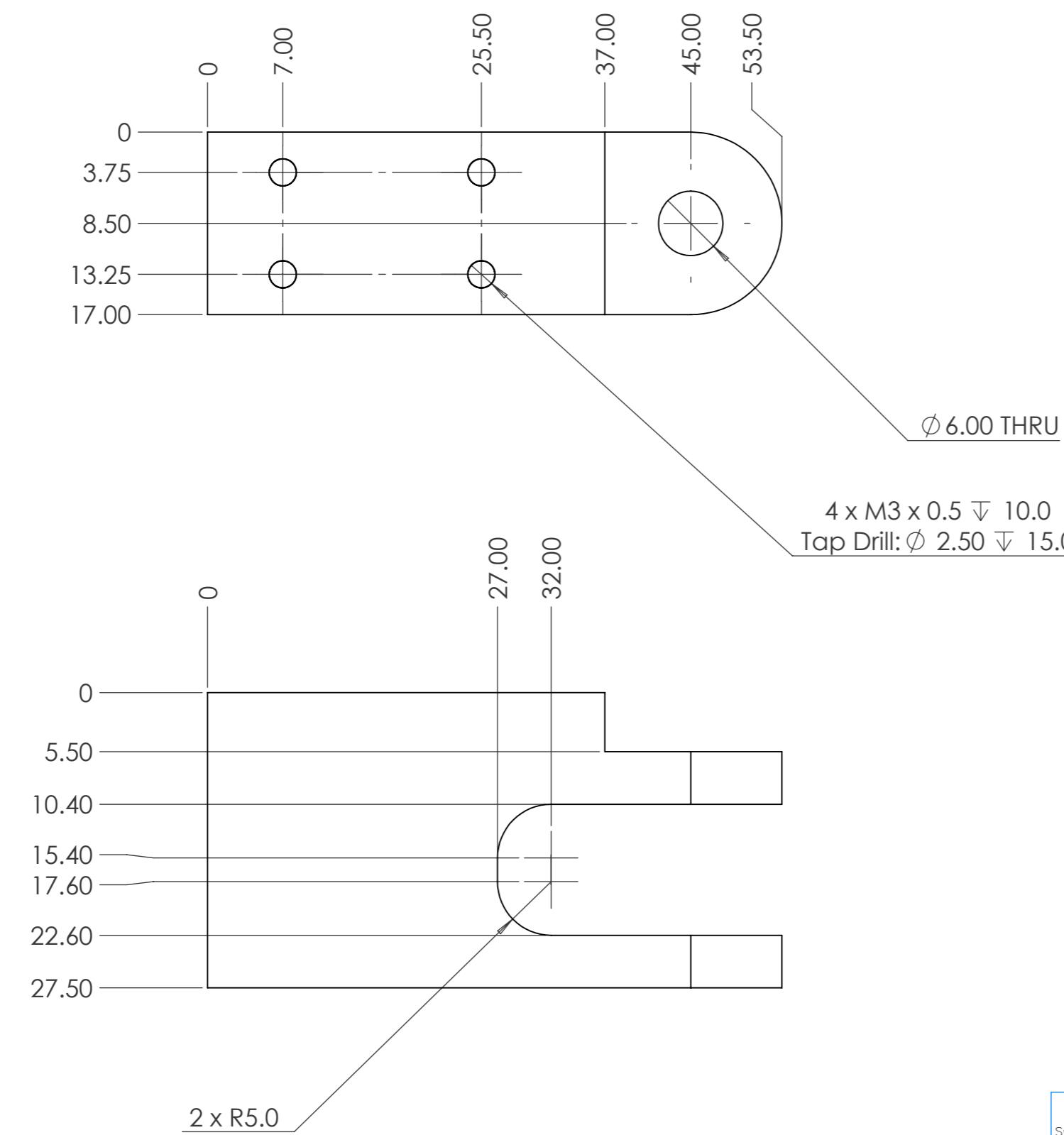




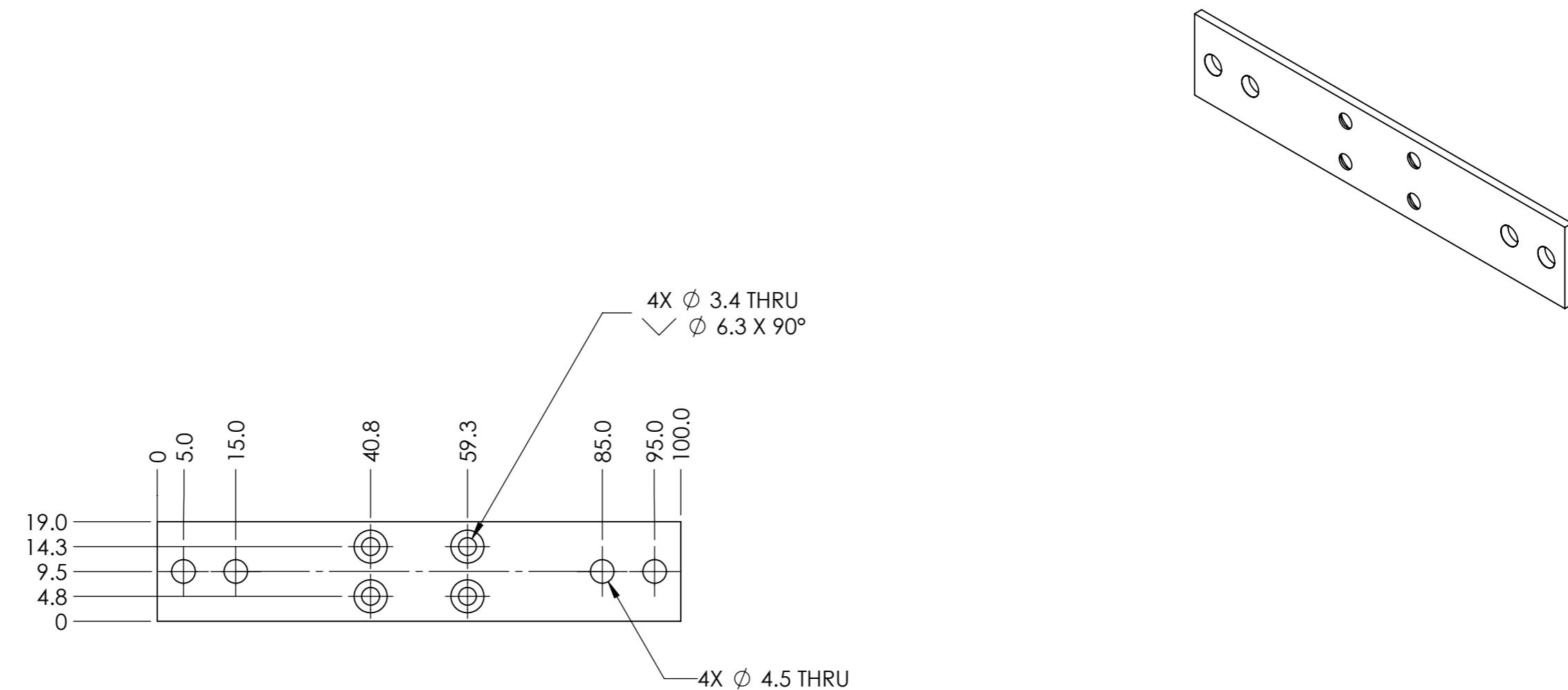
SWOBODA		METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9033		CAD SYSTEM NX
DRAWN	CRK	DATE (MM/DD/YY) 6/2/2022	MATERIAL 14 Gauge Stainless Steel	HEAT TREAT NO
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED			SURFACE COATING NO	REV 0
QTY: 1			PART NUMBER A40-1400-11-030-007 Front Panel	PART NAME
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	SIZE A1



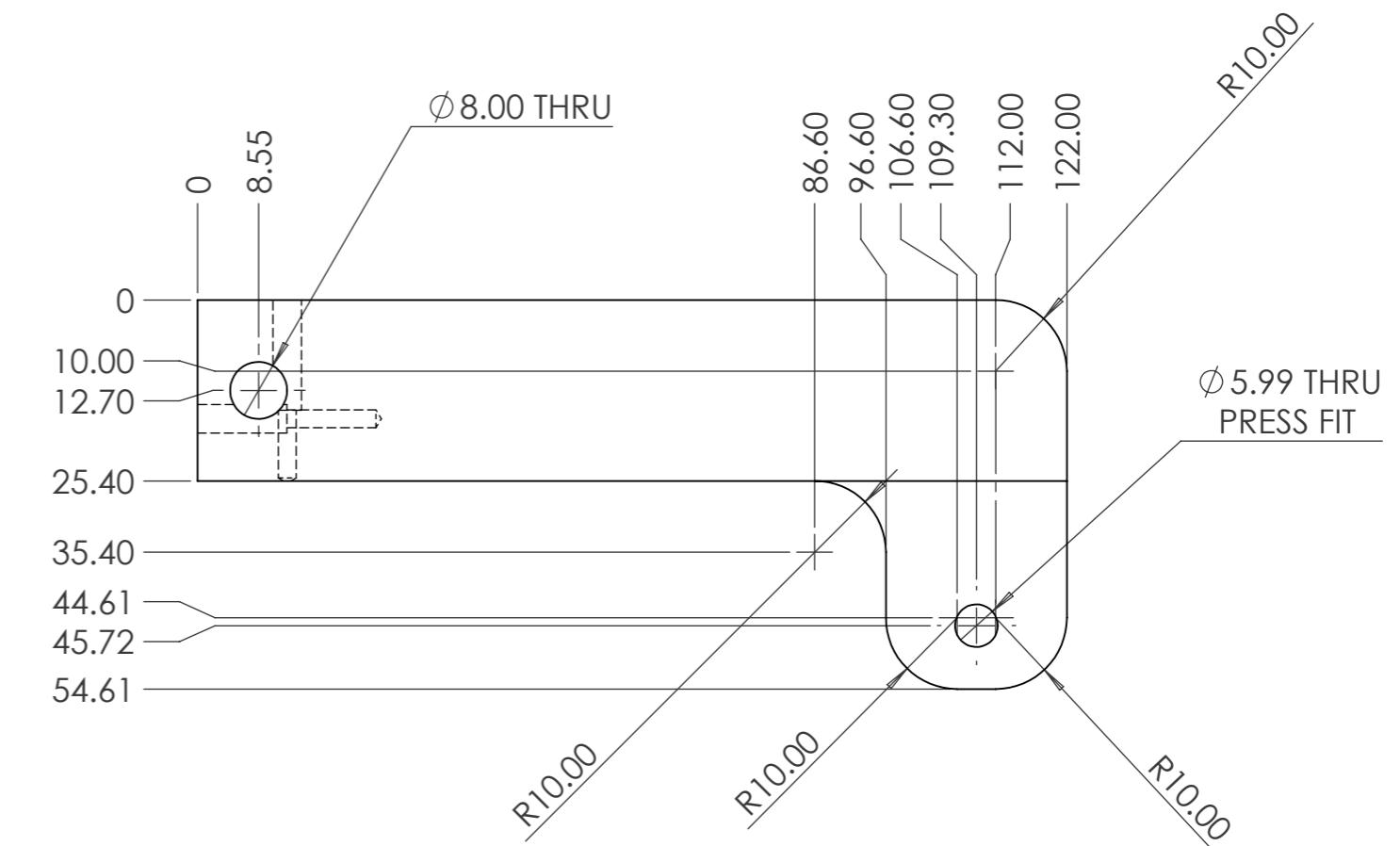
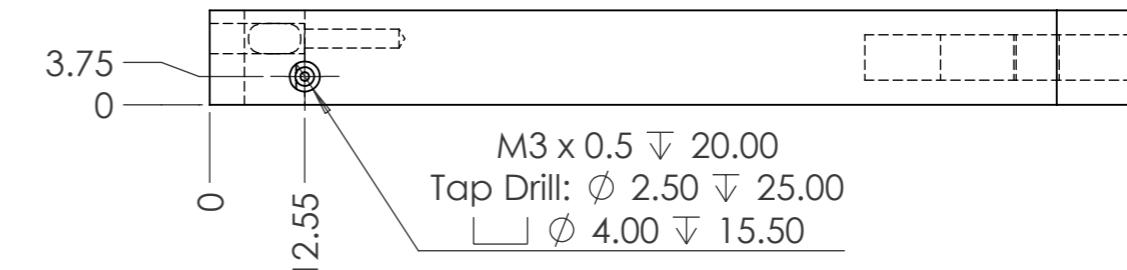
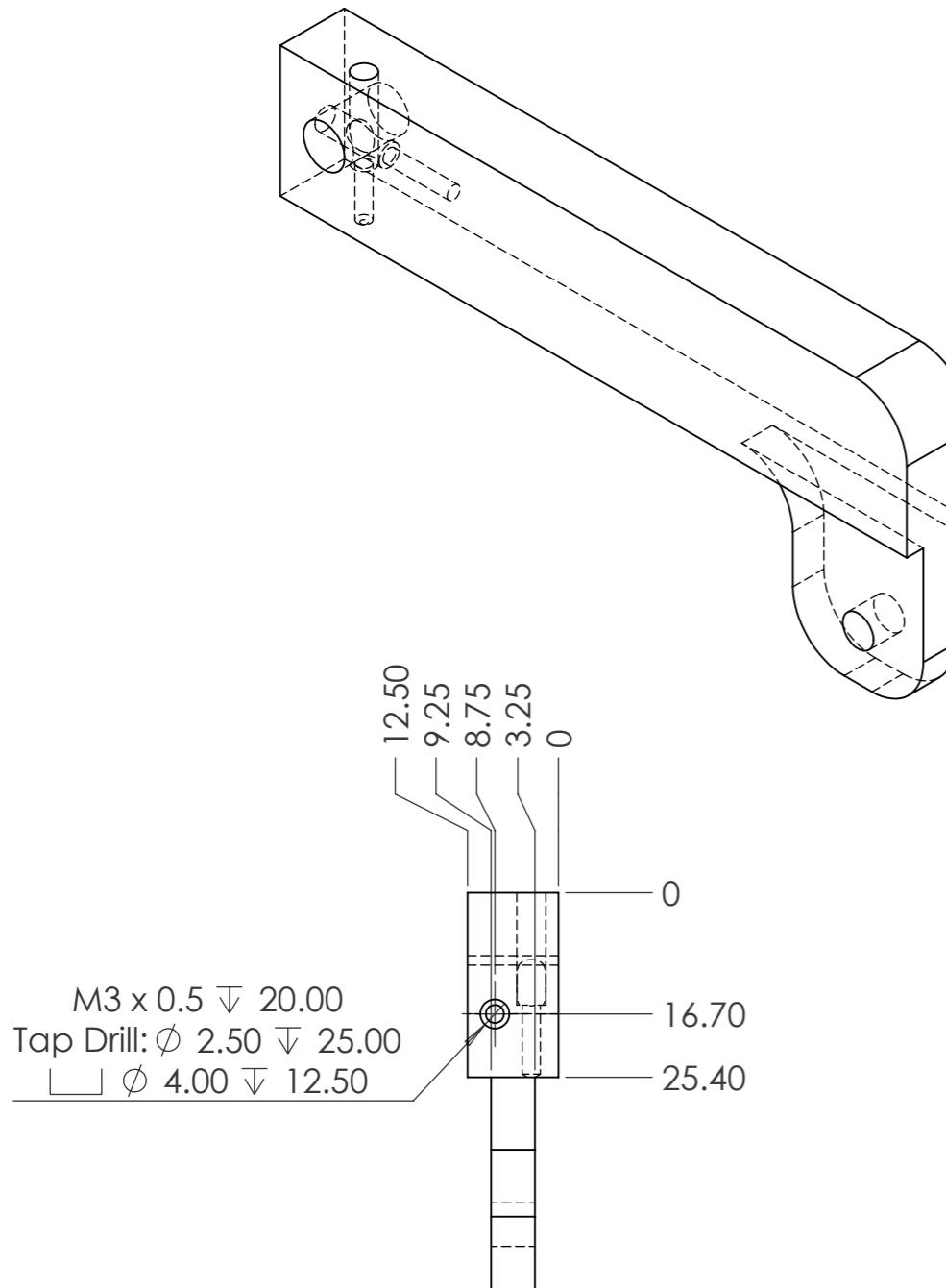
SWOBODA		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636	Ph. 616-554-6161 Fax 616-554-9033	(Logo)	GENERAL DIMENSIONAL TOLERANCING: $X, x = \pm 0.1$ $X, XX = \pm 0.05$ $ANGLE = \pm 1^\circ$		CAD SYSTEM NX
DRAWN CRK	DATE (MM/DD/YY) 6/2/2022	MATERIAL 14 Gauge Stainless Steel	HEAT TREAT NO		
		ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED	SURFACE COATING NO	REV 0	
QTY: 1			PART NUMBER A40-1400-11-030-007 Front Panel	PART NAME	
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1.5	SHEET 2 OF 2	SIZE A1



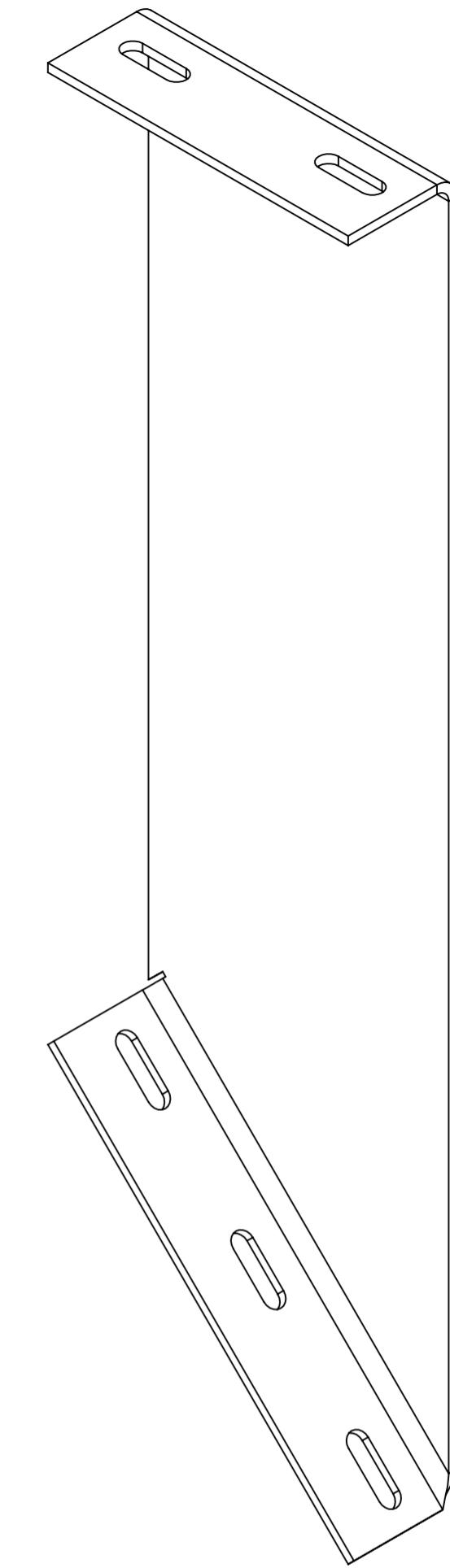
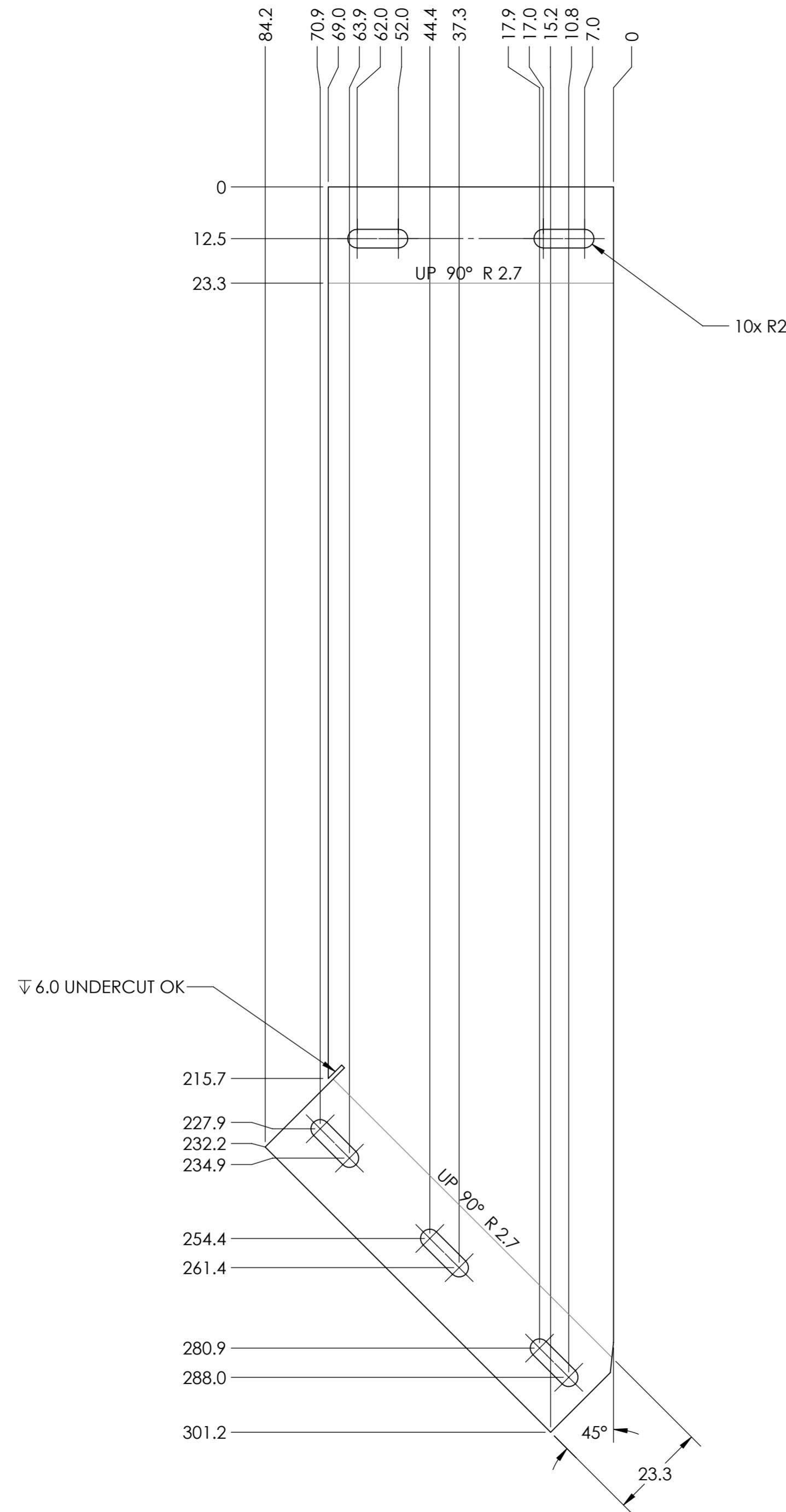
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	swoboda 3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
				GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: ALUMINUM	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0			
QTY: 2		PART NUMBER: A40-1400-11-030-008 Cyl clevis	PART NAME:			
MOD: N	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1		



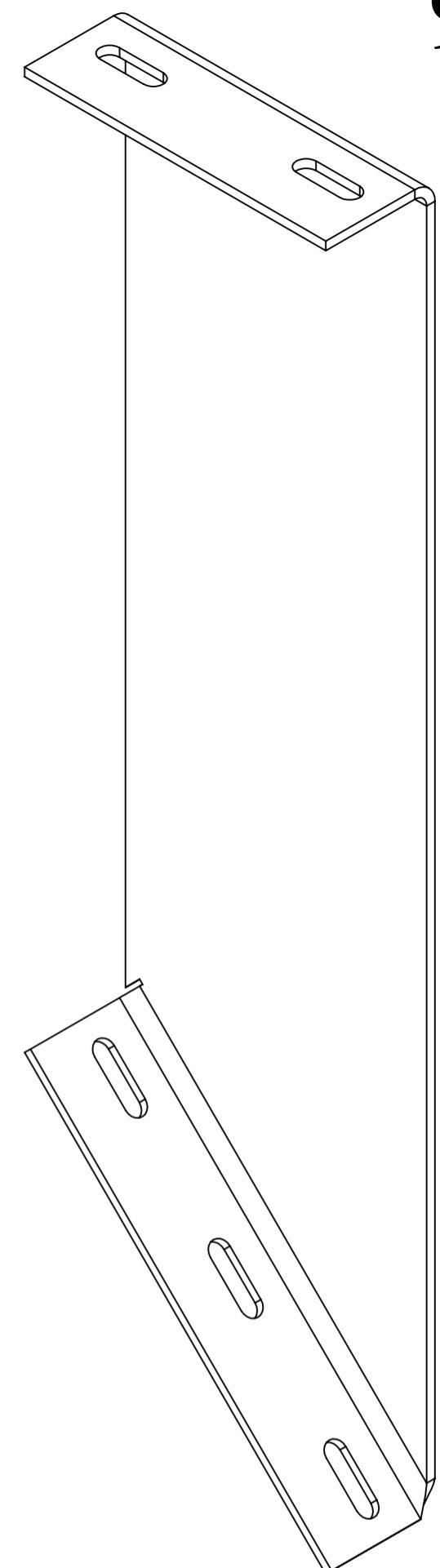
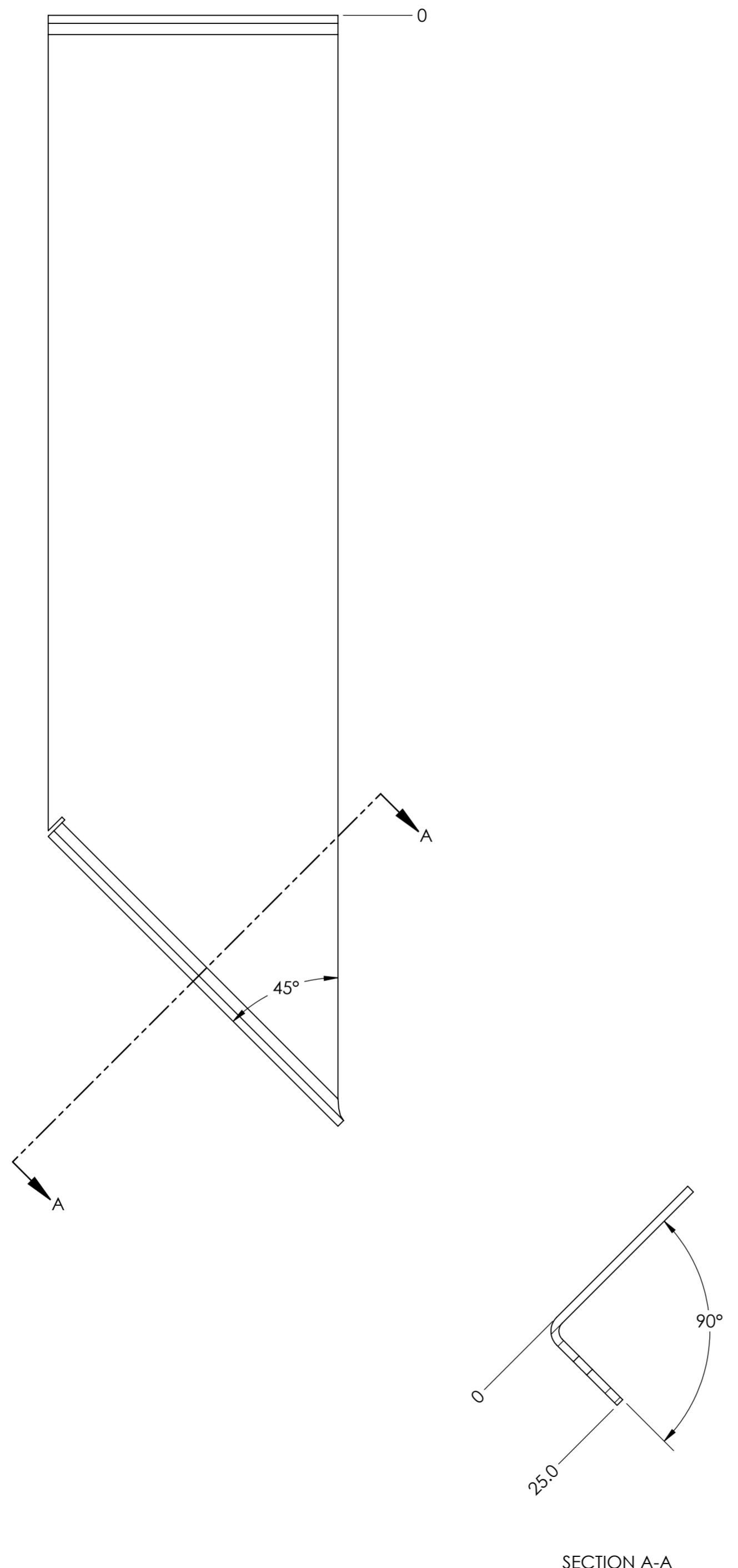
Swoboda, Inc.		<b>swoboda</b>	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093			GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$	CAD SYSTEM: SW
DRAWN:	CRK	DATE (MM/DD/YY)	14 Gauge Stainless Steel	HEAT TREAT:	ALL DIMENSIONS IN MM	
		6/3/2022		NO		
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING:		REV: 0		
<b>QTY:</b> 2		PART NUMBER: A40-1400-11-030-009 Cyl Clevis Support		PART NAME:		
MOD:	VENDOR PART#:	N	N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1
SIZE A3						



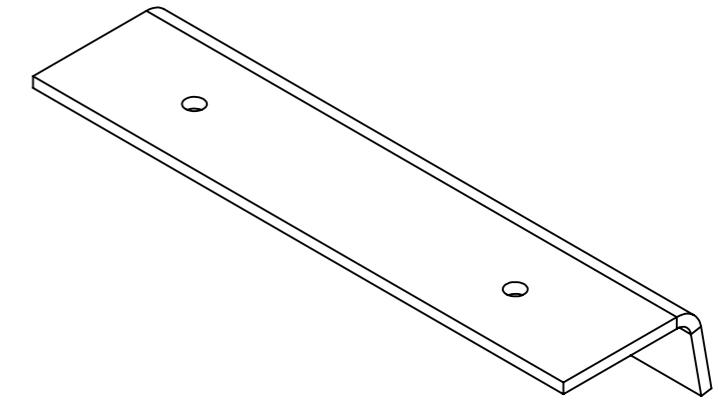
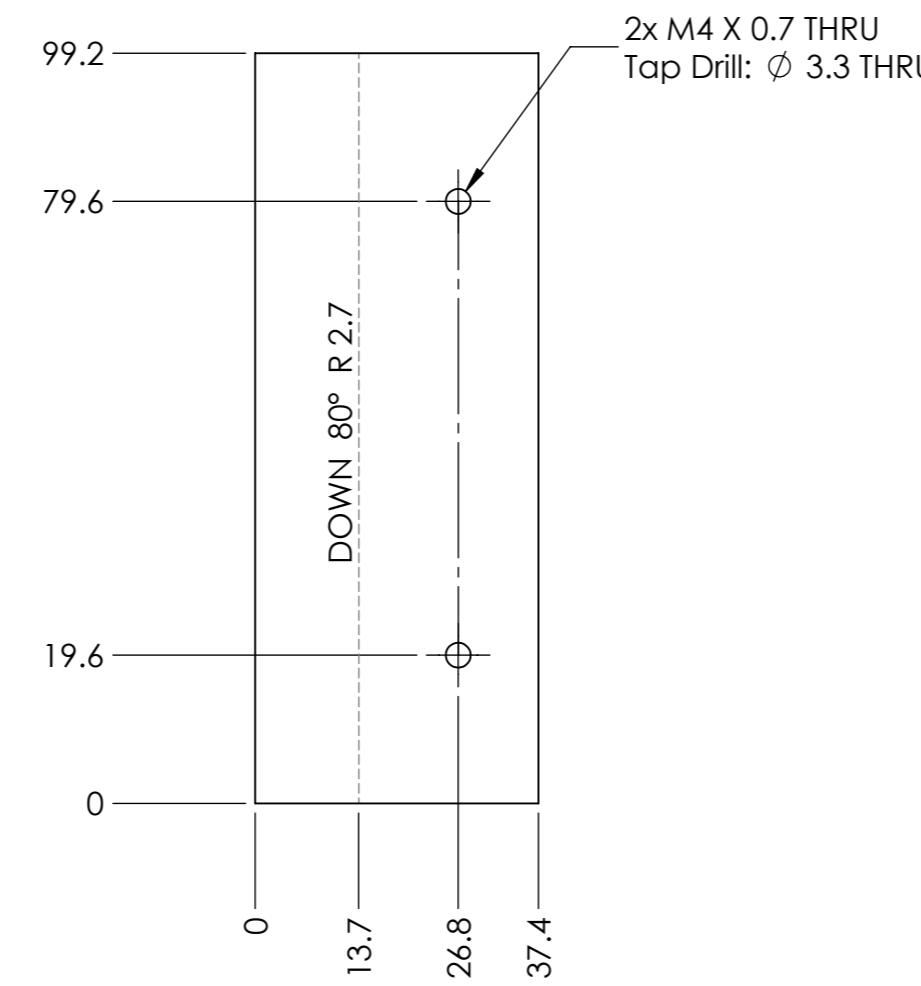
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 5/31/2022	MATERIAL: ALUMINUM	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0			
QTY: 2		PART NUMBER: A40-1400-11-030-010 lever arm	PART NAME:			
MOD:	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1		



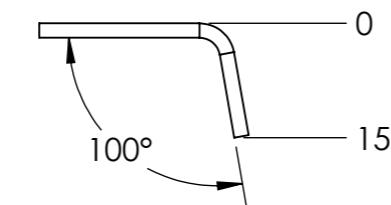
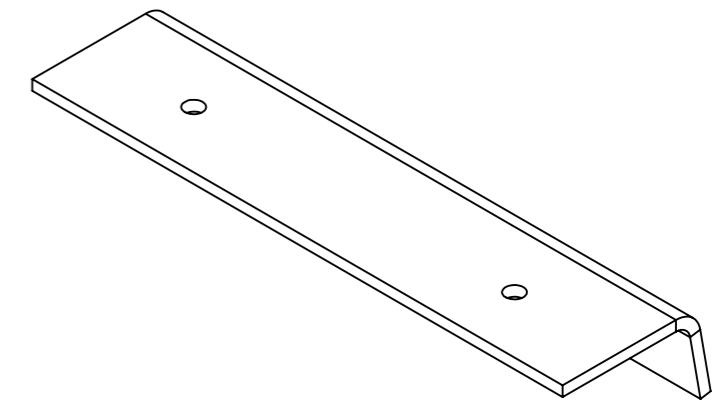
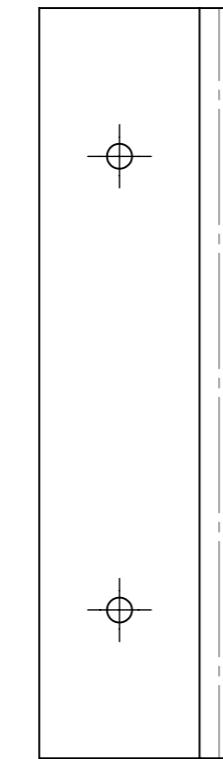
<b>swoboda</b>		3RD ANGLE PROJECTION	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°		CAD SYSTEM NX
DRAWN	CRK	DATE (MM/DD/YY) 6/2/2022	MATERIAL 14 Gauge Stainless Steel	HEAT TREAT NO	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING NO		REV 0	
<b>QTY: 2</b>		PART NUMBER A40-1400-11-030-011 Vertical Support	PART NAME		
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	sheet 1 OF 2	



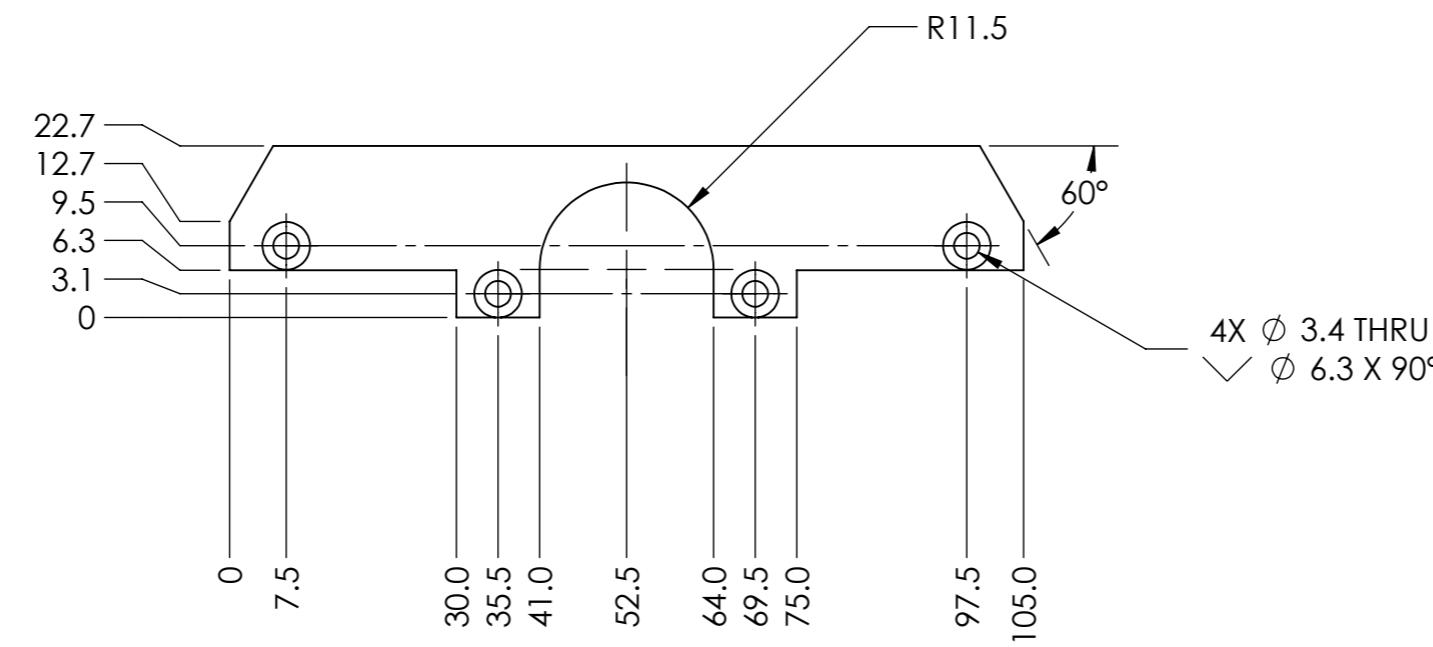
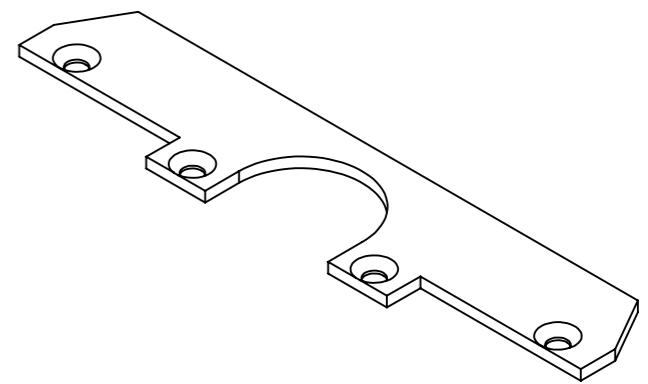
<b>swoboda</b>		<b>3RD ANGLE PROJECTION</b>	<b>METRIC</b>	<b>IN ACCORDANCE WITH ASME Y14.5M-1994</b>	<b>CAD DATA IS MASTER</b>
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: $X.X=\pm 0.1$ $X.XX=\pm 0.05$ $ANGLE=\pm 1^\circ$		<b>CAD SYSTEM NX</b>
DRAWN	CRK	DATE (MM/DD/YY) 6/2/2022	MATERIAL 14 Gauge Stainless Steel	HEAT TREAT NO	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING NO		REV 0	
<b>QTY:</b>	<b>2</b>	<b>PART NUMBER</b> A40-1400-11-030-011 Vertical Support		<b>PART NAME</b>	
MOD	VENDOR PART# N/A	DO NOT SCALE		SCALE 1:1	SIZE 2 OF 2



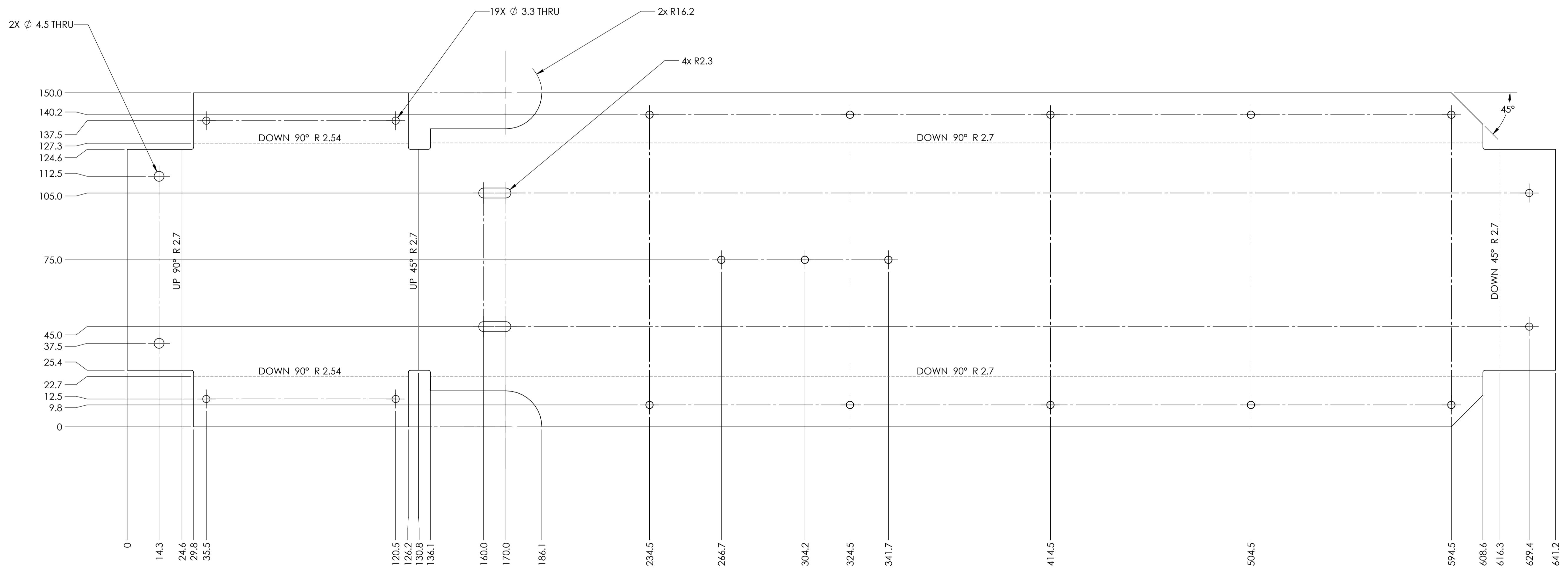
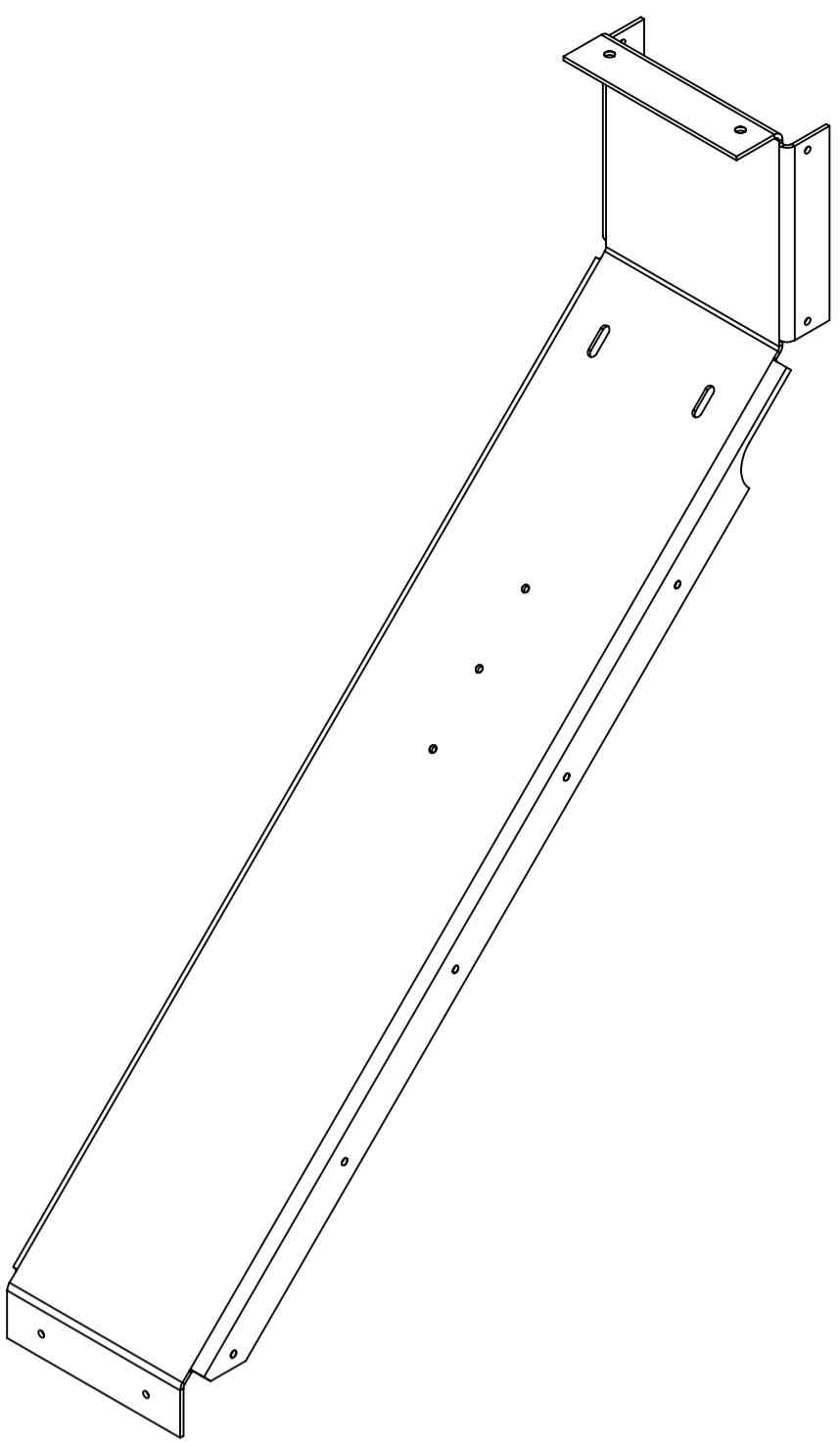
Swoboda, Inc.		<b>swoboda</b>	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093			GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$	CAD SYSTEM: SW
DRAWN:	CRK	DATE (MM/DD/YY)	14 Gauge Stainless Steel	HEAT TREAT:	ALL DIMENSIONS IN MM	
		6/2/2022		NO		
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING:		REV: 0		
<b>QTY:</b> 4		PART NUMBER: A40-1400-11-030-012 Chute Extension		PART NAME:		
MOD:	VENDOR PART#:	N	N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 2



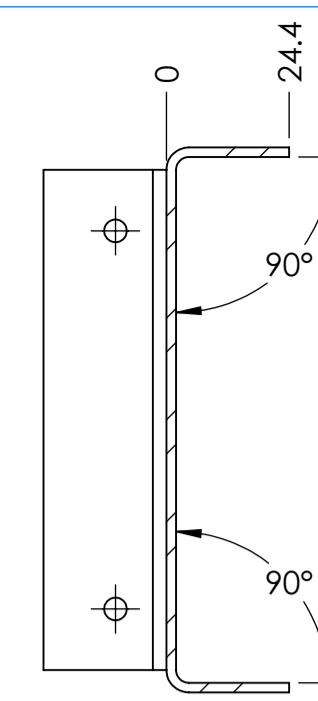
swoboda		3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: $X=X \pm 0.1$ $X_{XX}=X_{XX} \pm 0.05$ ANGLE= $\pm 1^\circ$		CAD SYSTEM: SW
DRAWN:	CRK	DATE (MM/DD/YY)	14 Gauge Stainless Steel	HEAT TREAT:	ALL DIMENSIONS IN MM
		6/2/2022		NO	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING:		REV:	0
QTY: 4		PART NUMBER: A40-1400-11-030-012 Chute Extension		PART NAME:	
MOD:	VENDOR PART#:	N	N/A	DO NOT SCALE	SCALE: 1:1 SHEET: 2 OF 2



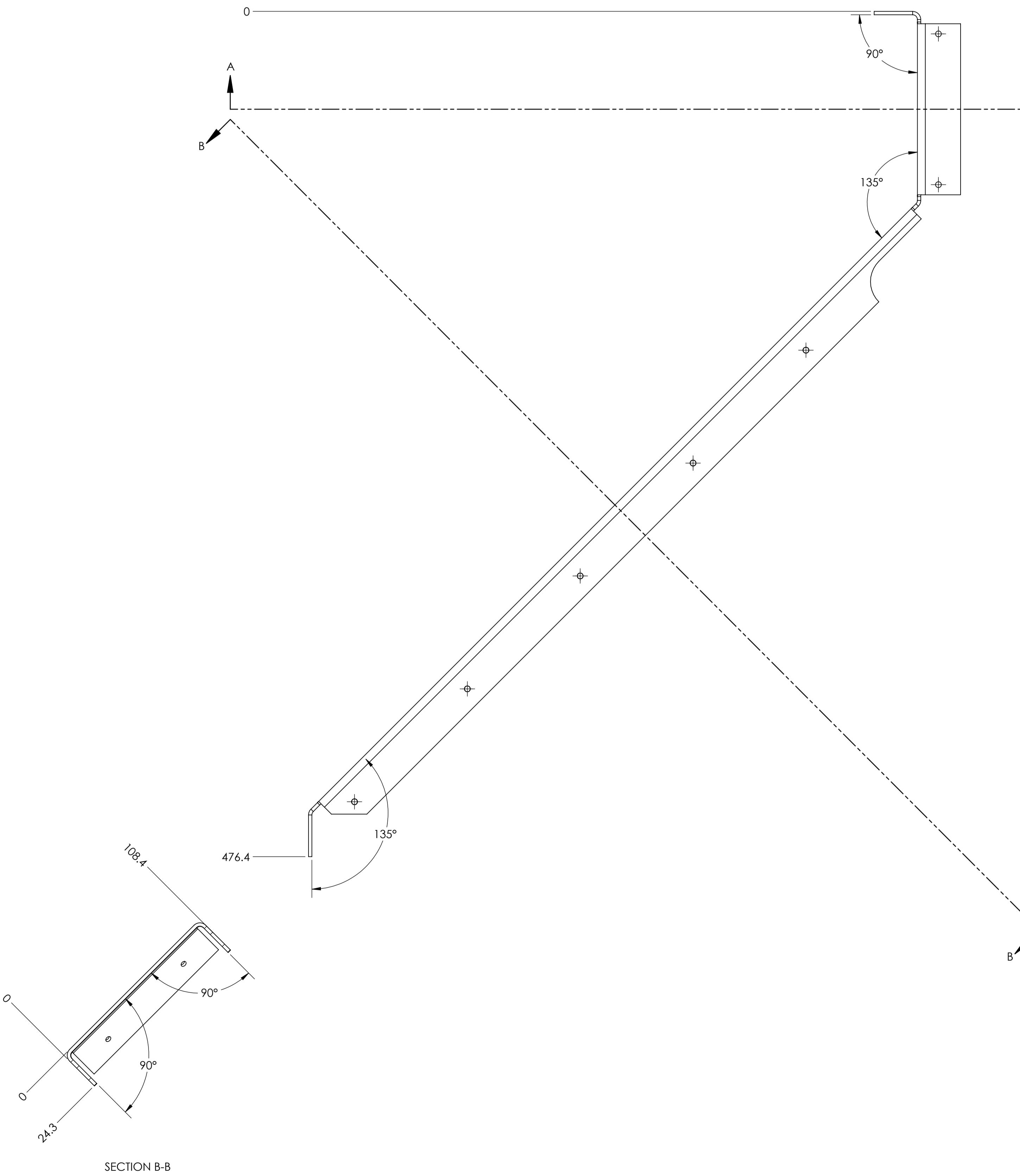
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW	
DRAWN:	CRK	DATE (MM/DD/YY) 6/2/2022	MATERIAL: 14 Gauge Stainless Steel	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO		REV: 0		
QTY: 4		PART NUMBER: A40-1400-11-030-013	PART NAME: Door Shroud			
MOD:	VENDOR PART#: N/A	DO NOT SCALE	SCALE: 1:1	SHEET: 1 OF 1		
SIZE A3						



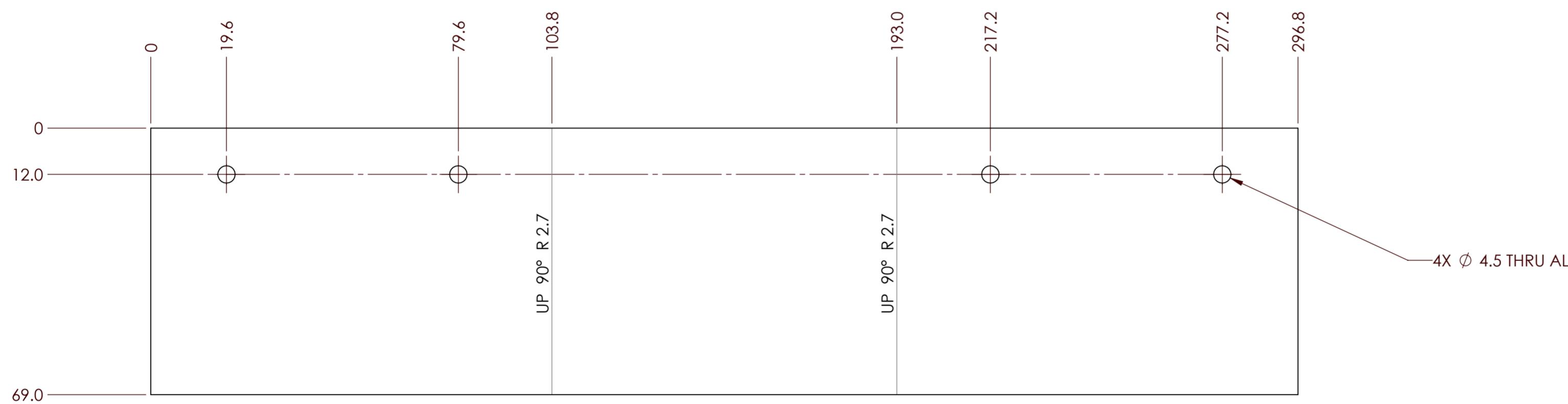
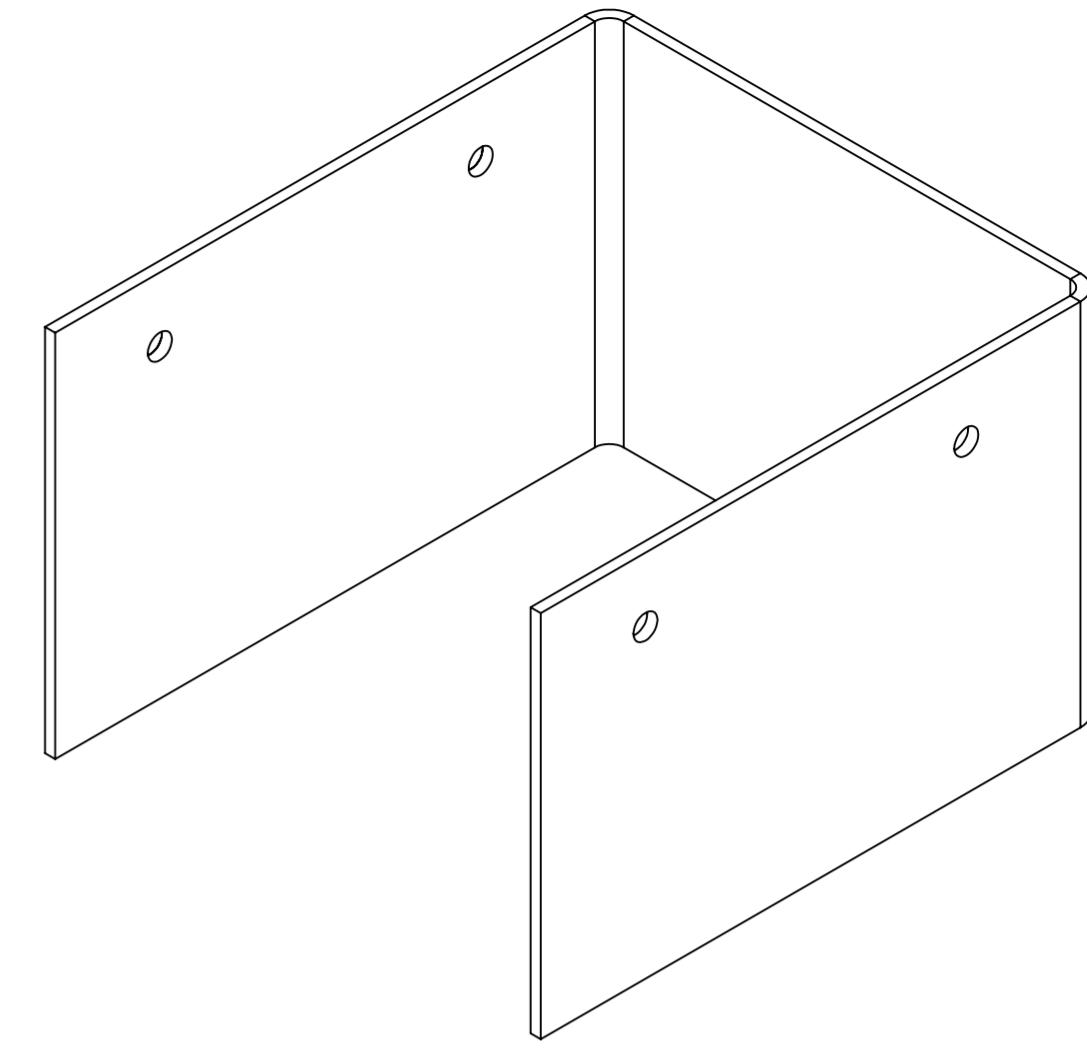
SWOBODA		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093		GENERAL DIMENSIONAL TOLERANCING: X,X=±0.1 X.XXX=±0.05 ANGLE=±1°	CAD SYSTEM NX
DRAWN CRK	DATE (MM/DD/YY) 6/2/2022	MATERIAL 14 Gauge Stainless Steel	HEAT TREAT NO		
		ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED	SURFACE COATING NO	REV 0	
QTY: 1			PART NUMBER A40-1400-11-030-014 outside panel	PART NAME	
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	SHEET A1	



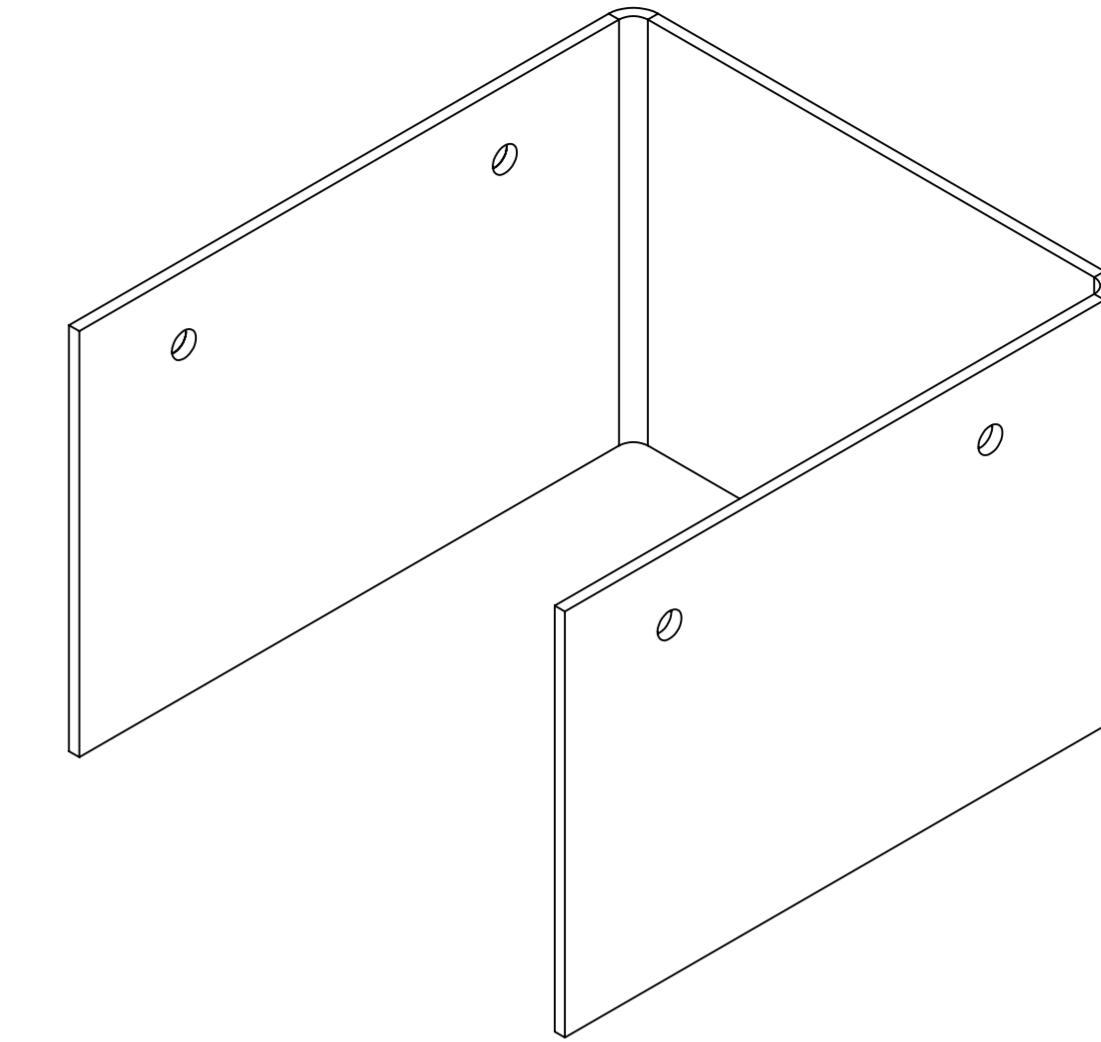
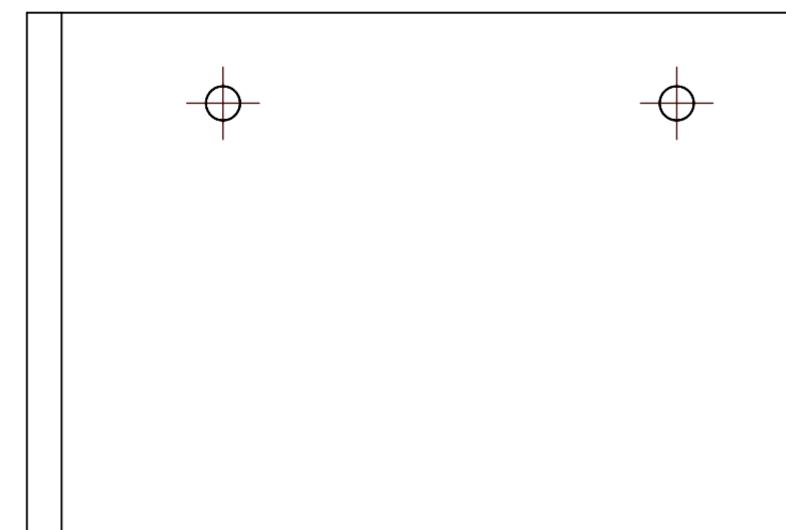
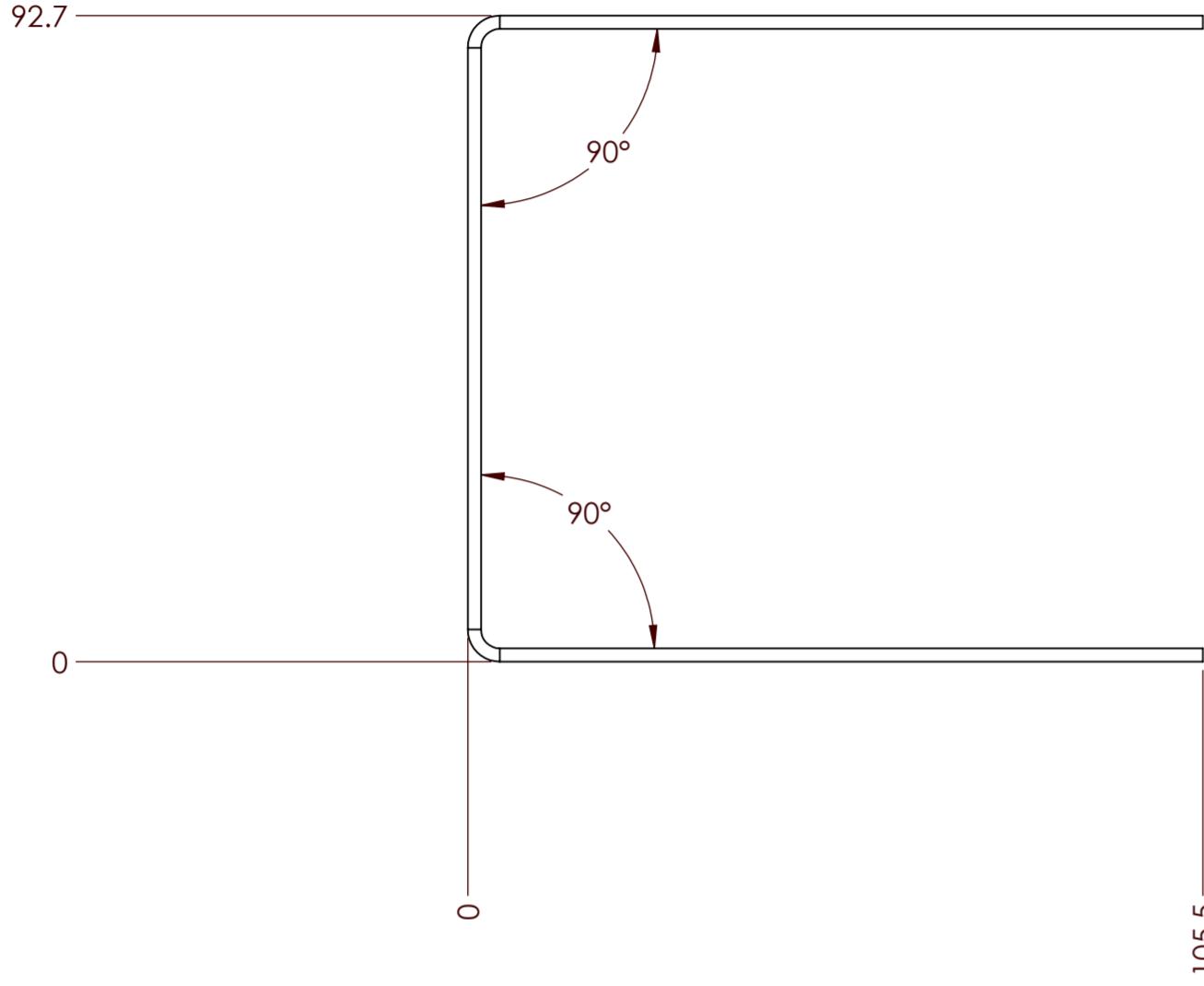
SECTION A-A



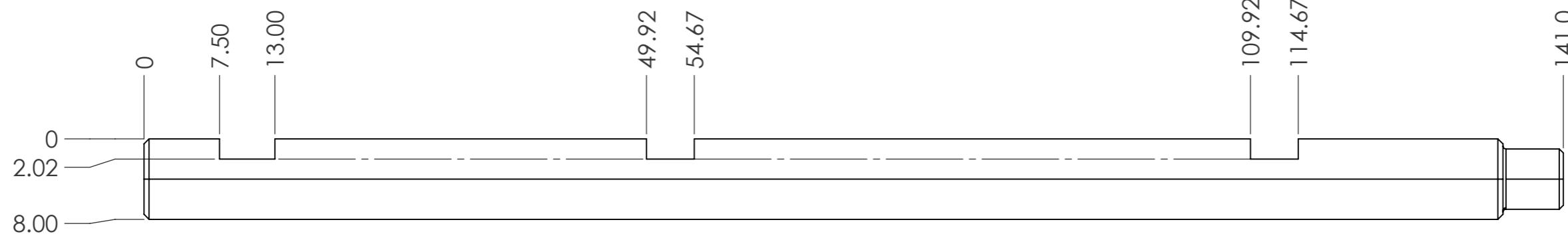
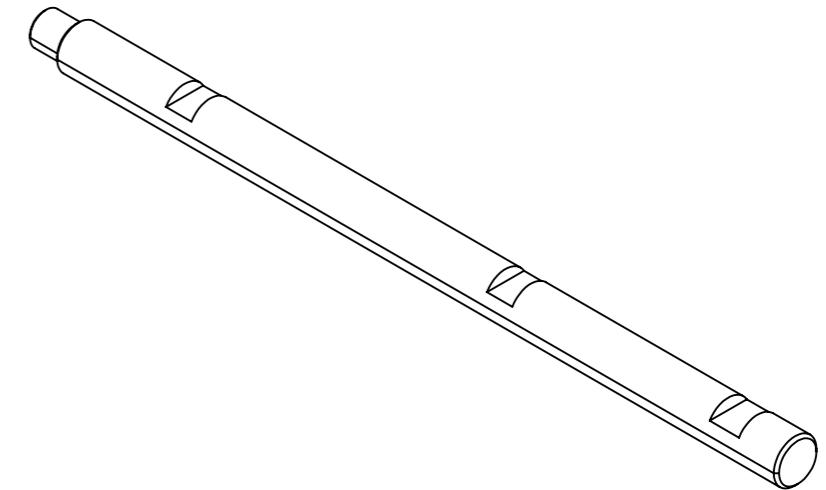
SWOBODA		3RD ANGLE PROJECTION	METRIC All Dimensions in MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093			CAD SYSTEM NX
DRAWN CRK	DATE (MM/DD/YY) 6/2/2022	MATERIAL 14 Gauge Stainless Steel	HEAT TREAT NO		
		ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED	SURFACE COATING NO	REV 0	
QTY: 1		PART NUMBER A40-1400-11-030-014 outside panel	PART NAME		
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1.5	SHEET 2 OF 2	SIZE A1



swoboda		3RD ANGLE PROJECTION	METRIC ALL DIMENSION IN MM	IN ACCORDANCE WITH ASME Y14.5M-1994	CAD DATA IS MASTER
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: X.X=±0.1 X.XX=±0.05 ANGLE=±1°	CAD SYSTEM NX	
DRAWN	CRK	DATE (MM/DD/YY) 6/2/2022	MATERIAL 14 Gauge Stainless Steel	HEAT TREAT NO	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING	NO	REV 0	
QTY: 3		PART NUMBER A40-1400-11-030-015 Chute Bottom			
MOD N	VENDOR PART# N/A	DO NOT SCALE	SCALE 1:1	sheet 1 OF 2	SIZE A2



<b>swoboda</b>		<b>3RD ANGLE PROJECTION</b>	<b>METRIC</b>	<b>IN ACCORDANCE WITH ASME Y14.5M-1994</b>	<b>CAD DATA IS MASTER</b>
Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	GENERAL DIMENSIONAL TOLERANCING: $X.X \pm 0.1$ $X.XX \pm 0.05$ ANGLE $\pm 1^\circ$	CAD SYSTEM NX	
DRAWN	CRK	DATE (MM/DD/YY) 6/2/2022	MATERIAL 14 Gauge Stainless Steel	HEAT TREAT NO	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING NO		REV 0	
<b>QTY: 3</b>		PART NUMBER A40-1400-11-030-015 Chute Bottom		PART NAME	
MOD N	VENDOR PART# N/A	DO NOT SCALE		SCALE 1:1	SIZE 2 OF 2



Swoboda, Inc. 4108 52nd Street, SE Kentwood, MI 49512-9636		Ph. 616-554-6161 Fax 616-554-9093	3RD Angle Projection	METRIC	IN ACCORDANCE WITH ASME Y14.5M-1994	MASTER
			GENERAL DIMENSIONAL TOLERANCING: $X.X = \pm 0.1$ $X.XX = \pm 0.05$ ANGLE = $\pm 1^\circ$		CAD SYSTEM: SW	
DRAWN:	LD	DATE (MM/DD/YY) 7/1/2022	MATERIAL: STEEL	HEAT TREAT: NO	ALL DIMENSIONS IN MM	
ALL EDGES BROKEN 0.5 MM MAX UNLESS OTHERWISE SPECIFIED		SURFACE COATING: NO	REV: 0			
QTY: 2		PART NUMBER: A40-1400-11-030-016 Trap Door Shaft	PART NAME: A40-1400-11-030-016 Trap Door Shaft			
MOD: Y	VENDOR PART#: PSFGG8-135-F6-P6-M3	DO NOT SCALE	SCALE: 2:1	SHEET: 1 OF 1		