

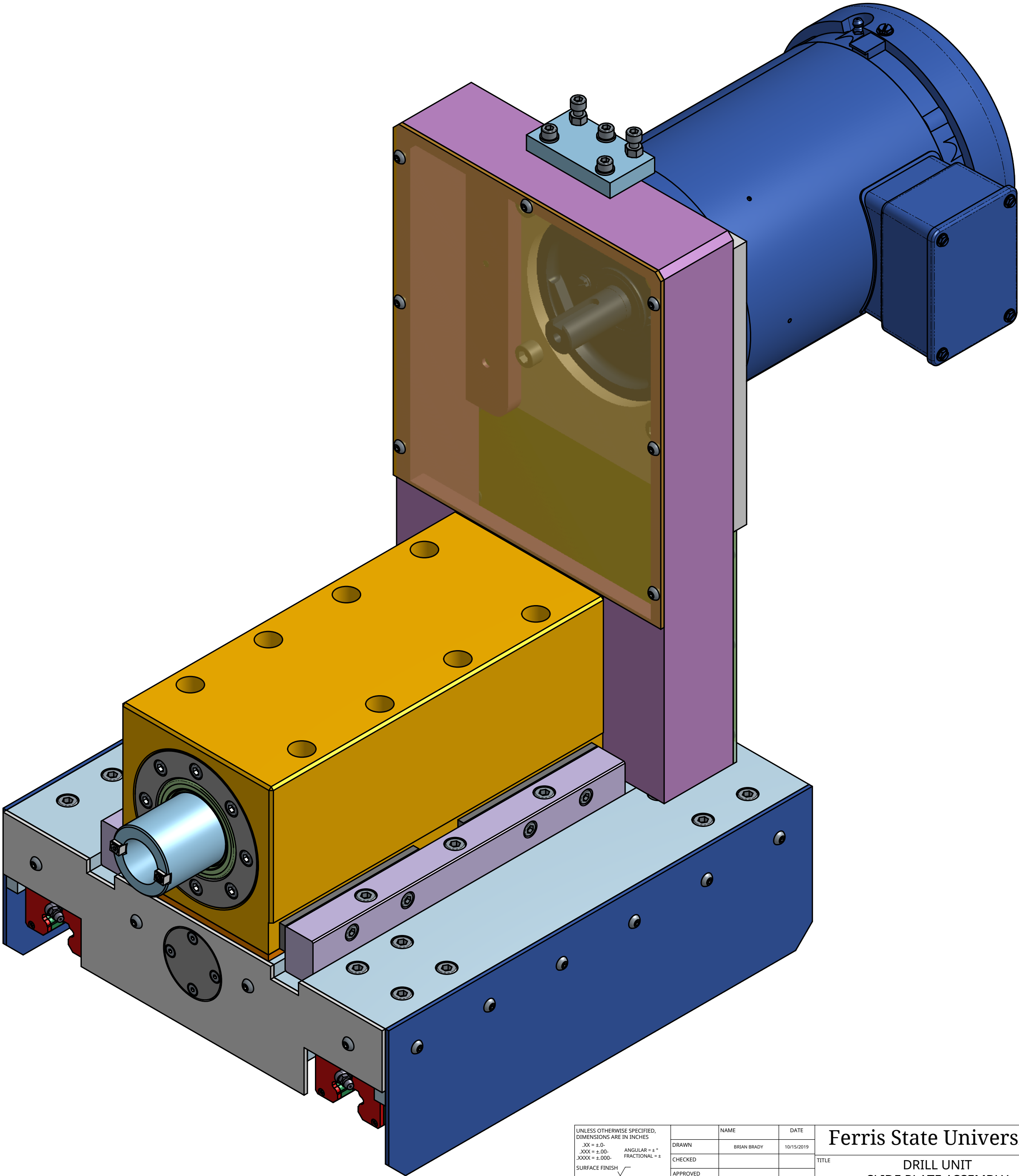
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Item No.	Quantity	Description	Material	Part number
1	1	Slide Plate	Steel 8620	BR-549-B-001
2	1	20 x 18 x 90 Key	Steel 4130	BR-549-B-002
3	2	Housing Fitting Spacer	Steel 1020	BR-549-B-003
4	2	Push-Pull Block	Steel 1020	BR-549-B-004
5	4	Push-Pull Fitting Spacer	Steel 1020	BR-549-B-005
6	1	Spindle Motor Mounting Frame	Steel 1020	BR-549-B-006
7	1	Motor Mounting Plate	Steel 8620	BR-549-B-007
8	1	Motor Adjuster Block	Steel 1020	BR-549-B-008
9	2	Medium Slide Key	Steel 4130	BR-549-B-009
10	1	Front Chip Cover	Steel 1010	BR-549-B-010
11	1	Ball Screw Hole Cover	Steel 1010	BR-549-B-011
12	2	Side Chip Cover	Steel 1010	BR-549-B-012
13	1	Lower Cover Plate - Motor	Polycarbonate	BR-549-B-013
14	1	Upper Cover Plate - Motor	Polycarbonate	BR-549-B-014
15	1	Spindle Assembly	N/A	BR-549-A
16	1	Motor ABB 35LYQ175_12.99		
17	1	Ball Nut HIWIN GBS-2R25		
18	4	Slide Block Asm HGH30 HIWIN	N/A	
19	4	M10 x 35 Hex socket head cap screw	Steel	
20	8	M8 x 80 x 28 thread Hex socket head cap screw	Steel	
21	16	M8 x 50 x 28 thread Hex socket head cap screw	Steel	
22	6	M8 x 40 Hex socket head cap screw	Steel	
23	12	M8 x 25 Hex socket head cap screw	Steel	
24	1	M6 x 40 Hex socket head cap screw	Steel	
25	2	M6 x 35 Hex socket head cap screw	Steel	
26	8	M6 x 30 Hex socket head cap screw	Steel	
27	6	M6 x 25 Hex socket head cap screw	Steel	
28	2	M6 x 20 Hex socket head cap screw	Steel	
29	2	M6 x 12 Hex socket head cap screw	Steel	
30	29	M5 x 10 Socket button head screw	Steel	
31	4	M4 x 6 Hex socket countersunk head screw	Steel	
32	4	M10 Hex nut (chamfered) grade A & B ISO 4033	Steel	
33	2	M6 Hex nut (chamfered) grade A & B ISO 4033	Steel	
34	20	M8 Plain washer normal grade A ISO 7089	Steel	
35	3	M6 Plain washer normal grade A ISO 7089	Steel	
36	4	8mm Spring lock washer DIN B20	Steel	
37	4	10mm Spring lock washer DIN B20	Steel	





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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.01 .XXX = ±.005 XXXX = ±.0005 SURFACE FINISH 		DRAWN BRIAN BRADY	NAME BRIAN BRADY	DATE 10/15/2019	Ferris State University	
DO NOT SCALE DRAWING		CHECKED			TITLE DRILL UNIT SLIDE PLATE ASSEMBLY BOM AND SHADED ISOMETRIC	
BREAK ALL SHARP EDGES AND REMOVE BURRS		APPROVED			SIZE C	
THIRD ANGLE PROJECTION 		MATERIAL	VOLUME XXXXX mm³		DWG NO. BR-549-B	
		SCALE 1:6		WEIGHT X.XXX kg	SHEET 1 of 4	

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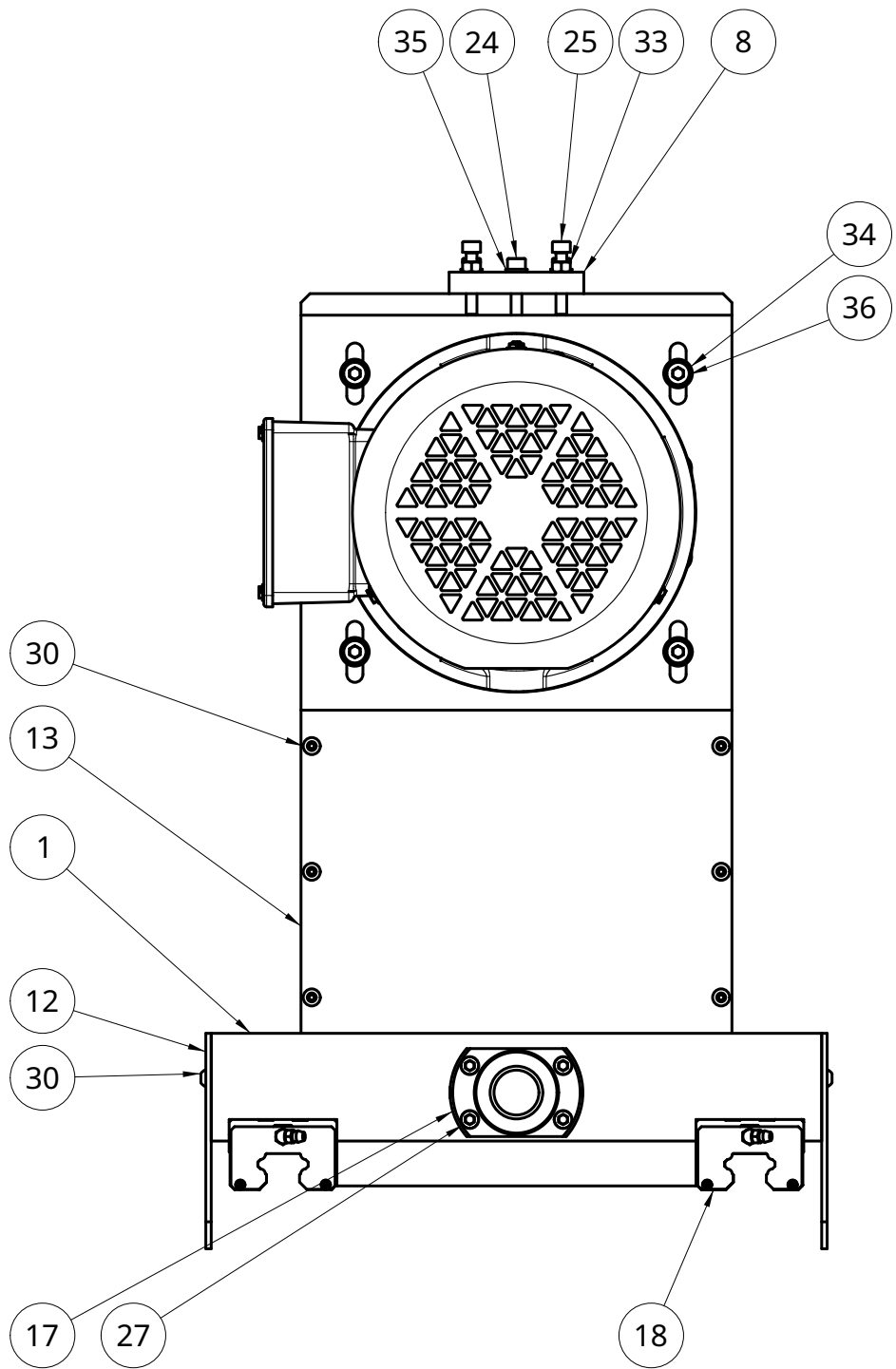
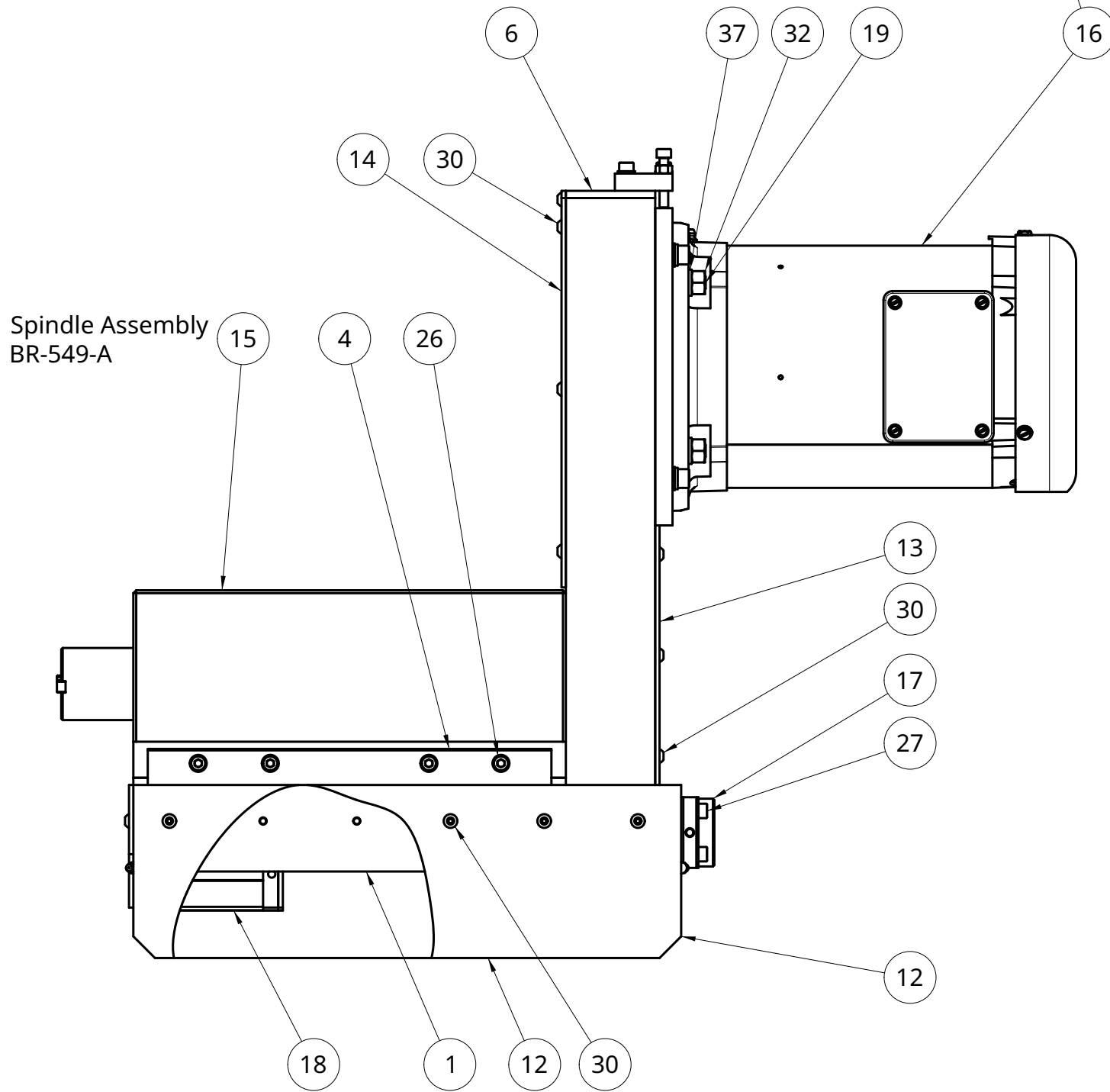
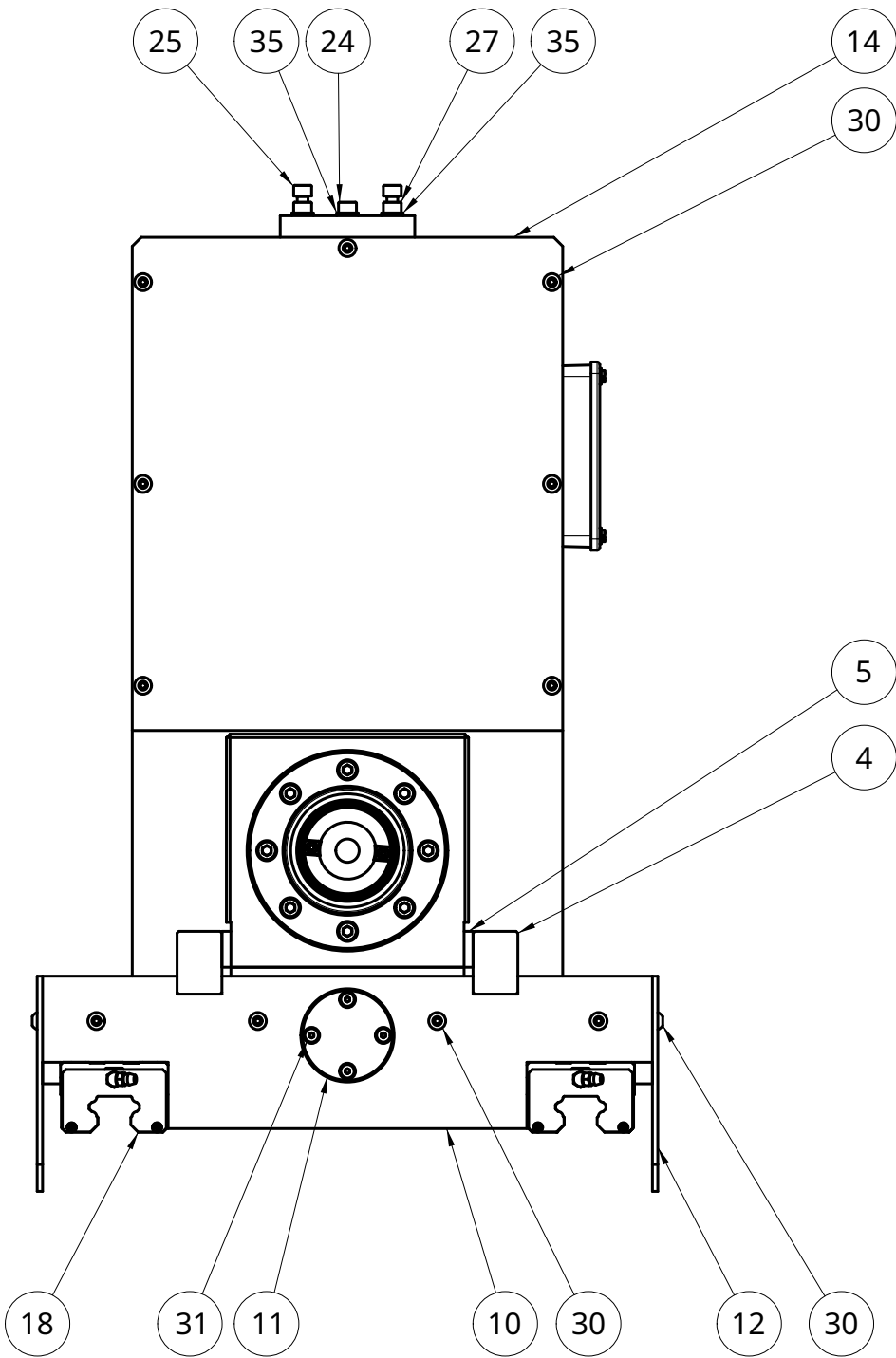
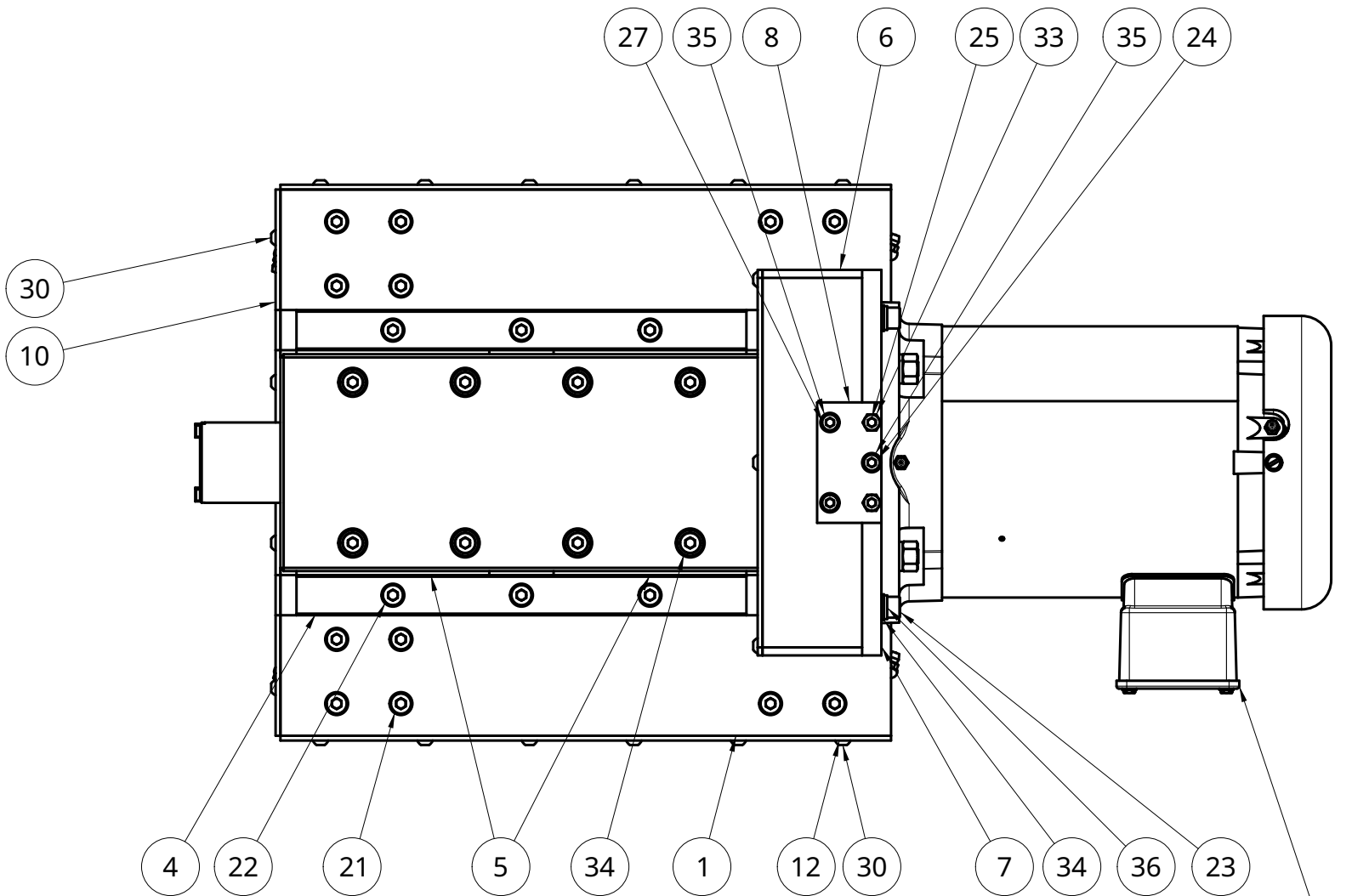
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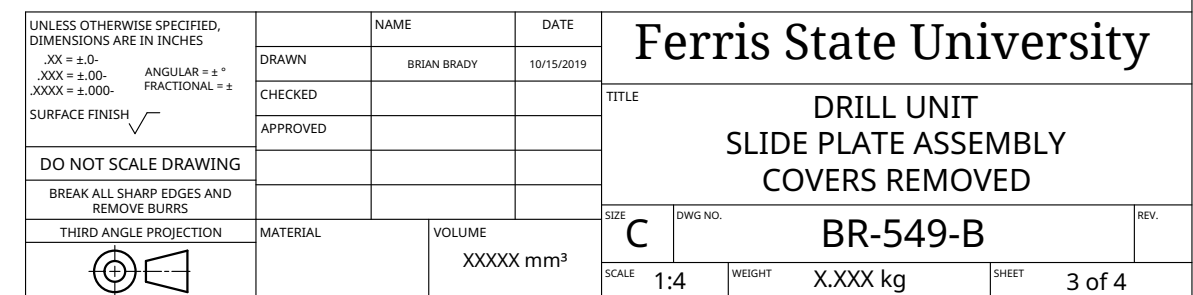
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.01 .XXX = ±.005 XXXX = ±.0005 SURFACE FINISH				NAME BRIAN BRADY		DATE 10/15/2019	Ferris State University DRILL UNIT SLIDE PLATE ASSEMBLY	
DO NOT SCALE DRAWING				DRAWN				
BREAK ALL SHARP EDGES AND REMOVE BURRS				CHECKED				
THIRD ANGLE PROJECTION				APPROVED			TITLE	
				MATERIAL		VOLUME XXXXX mm ³	SIZE C	DWG NO. BR-549-B
				SCALE 1:4		WEIGHT X.XXX kg	SHEET 2 of 4	REV.



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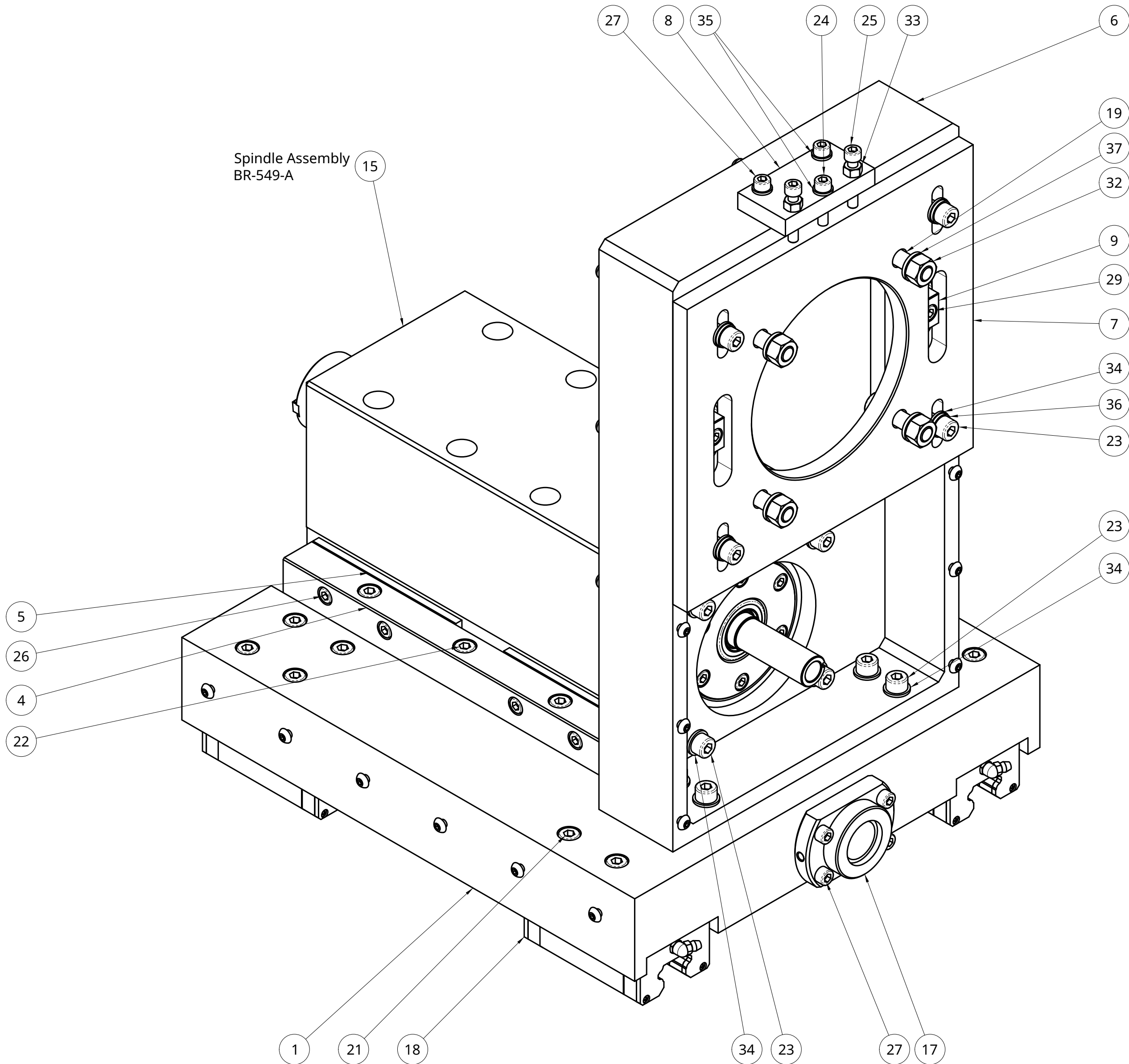
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
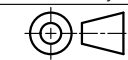
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.01 .XXX = ±.005 XXXX = ±.0005 SURFACE FINISH 				DRAWN BRIAN BRADY		DATE 10/15/2019		FERRIS STATE UNIVERSITY			
DO NOT SCALE DRAWING				CHECKED				TITLE DRILL UNIT SLIDE PLATE ASSEMBLY ISOMETRIC WITH COVERS REMOVED			
BREAK ALL SHARP EDGES AND REMOVE BURRS				APPROVED				SIZE C			
THIRD ANGLE PROJECTION 				MATERIAL		VOLUME XXXXX mm³		SCALE 1:6		WEIGHT X.XXX kg	
								SHEET 4 of 4			