

4

3

2

1

F

F

E

E

D

D

C

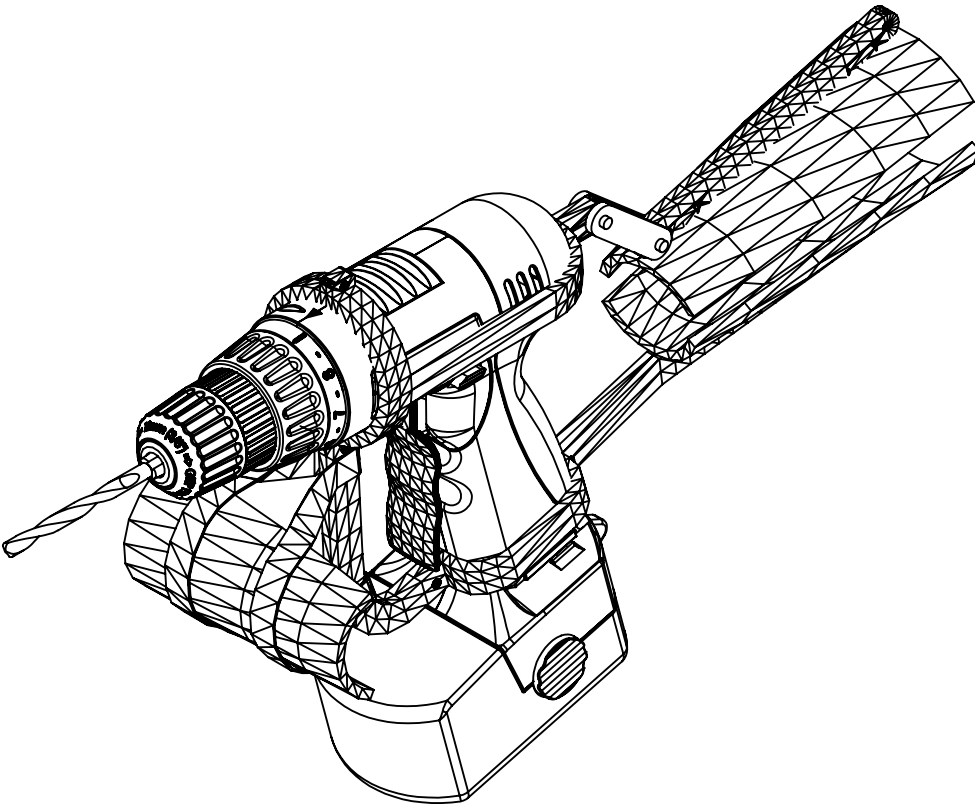
C

B

B

A

A



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:

DEBURR AND
BREAK SHARP
EDGES

REVISION

Units: Inches

	NAME	SIGNATURE	DATE			
DRAWN						
CHK'D						
APPV'D						
MFG						
Q.A						

MATERIAL:

WEIGHT:

TITLE:

Full Modified Product
Isometric View

DWG NO.

Modified Product

A4

SCALE:1:3

SHEET 1 OF 3

4

3

2

1

F

F

E

E

D

D

C

C

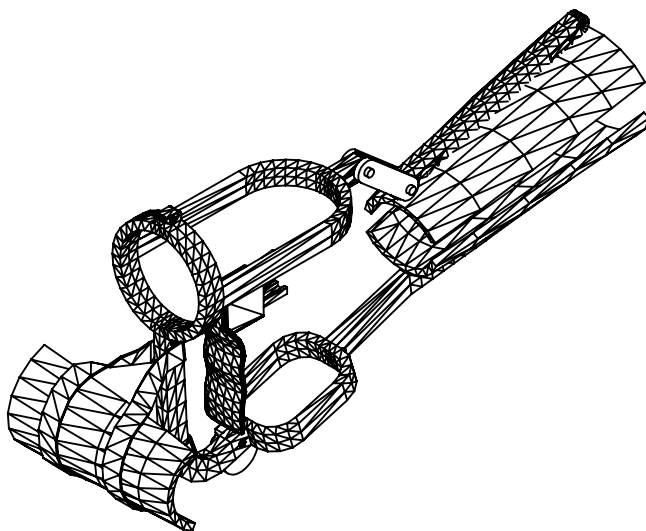
B

B

A

A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Aluminum Frame Part 1	Main section of aluminum frame mounted around drill. Width of 0.49 in. and thickness of 0.155 in. Consists of both a left and right section which are symmetric.	2
2	Aluminum Frame Part 2	Short 1.96 in. aluminum links connecting the Main section of the Aluminum frame to the rotating portion with the arm brace. Width of 0.49 in. and thickness of 0.155 in.	2
3	Aluminum Frame Part 3	5.43 in. aluminum links connected to the top of the arm brace and free to rotate. Width of 0.49 in. and thickness of 0.155 in. Has two slots for velcro straps	2
4	Modified Trigger	Modified trigger made of ABS used in place of the trigger in the original product.	1
5	pull out dowel pins (and caps)	0.55 in. long 0.2 in diameter sowel pins used in the linkage system, with threaded ends and screw in caps to hold the pins in place	2
6	binding head miniature screw	Miniature screws, 6.35 mm long, 1.4 mm diameter	7
7	foam arm aadding	Curved 6 in. x 4 in. 0.26 in. thick fabric covered neoprene foam pads.	3
8	nylon strap	12 in. loop of 0.5 in. wide nylon fabric connecting padding in front to aluminum frame.	1
9	velcro straps	8 in. long 0.5 in. wide nylon velcro straps, looped through slots in aluminum frame to tighten arm brace.	2



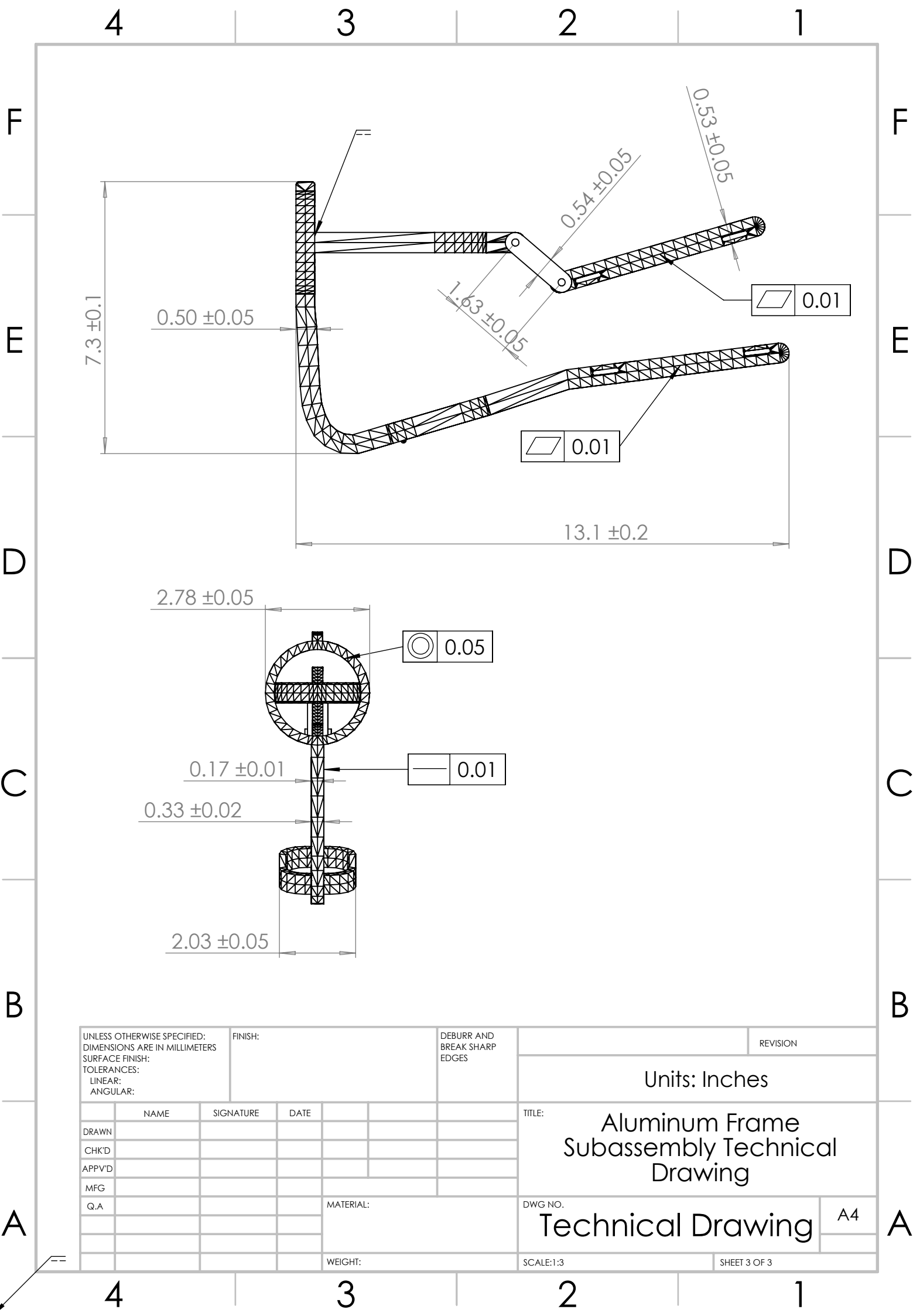
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:		DEBURR AND BREAK SHARP EDGES		REVISION	
						Units: Inches	
NAME		SIGNATURE		DATE		TITLE: Subassembly Isometric View and BOM	
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A							
				MATERIAL:		DWG NO. Subassembly	
				WEIGHT:		SCALE:1:4	
						SHEET 2 OF 3	

4

3

2

1



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:						FINISH:		DEBURR AND BREAK SHARP EDGES		REVISION																																																																							
										Units: Inches																																																																							
<table><tr><td></td><td>NAME</td><td>SIGNATURE</td><td>DATE</td><td></td><td></td><td></td></tr><tr><td>DRAWN</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CHK'D</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>APP'VD</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>MFG</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Q.A</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>											NAME	SIGNATURE	DATE				DRAWN							CHK'D							APP'VD							MFG							Q.A																																			TITLE: Aluminum Frame Subassembly Technical Drawing	
											NAME	SIGNATURE	DATE																																																																				
										DRAWN																																																																							
										CHK'D																																																																							
										APP'VD																																																																							
MFG																																																																																	
Q.A																																																																																	
						MATERIAL:		DWG NO.		A4																																																																							
								Technical Drawing																																																																									
						WEIGHT:		SCALE:1:3		SHEET 3 OF 3																																																																							