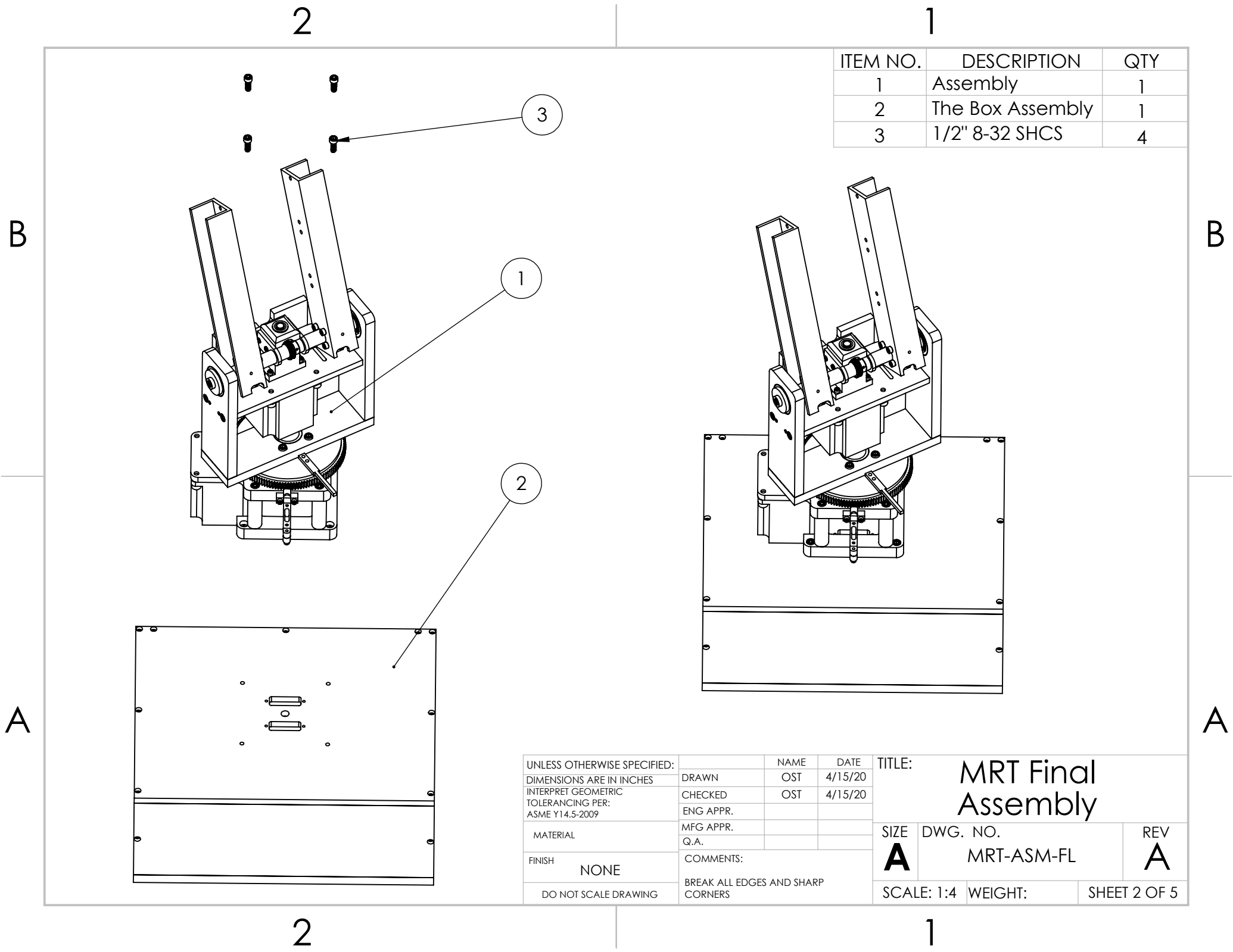


NOTE: Thread motor wires through the Az Axis prior to assembly

ITEM NO.	DESCRIPTION	QTY
1	Elevation Assembly	1
2	Azimuth Assembly	1
3	1/2" 8-32 SHCS	6

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	OST	4/15/20
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2009	CHECKED	OST	4/15/20
	ENG APPR.		
MATERIAL	MFG APPR.		
	Q.A.		
FINISH	COMMENTS:		
NONE	BREAK ALL EDGES AND SHARP CORNERS		
DO NOT SCALE DRAWING			

TITLE: MRT Final Assembly			
SIZE	DWG. NO. MRT-ASM-FL		REV A
SCALE: 2:5		WEIGHT:	SHEET 1 OF 5



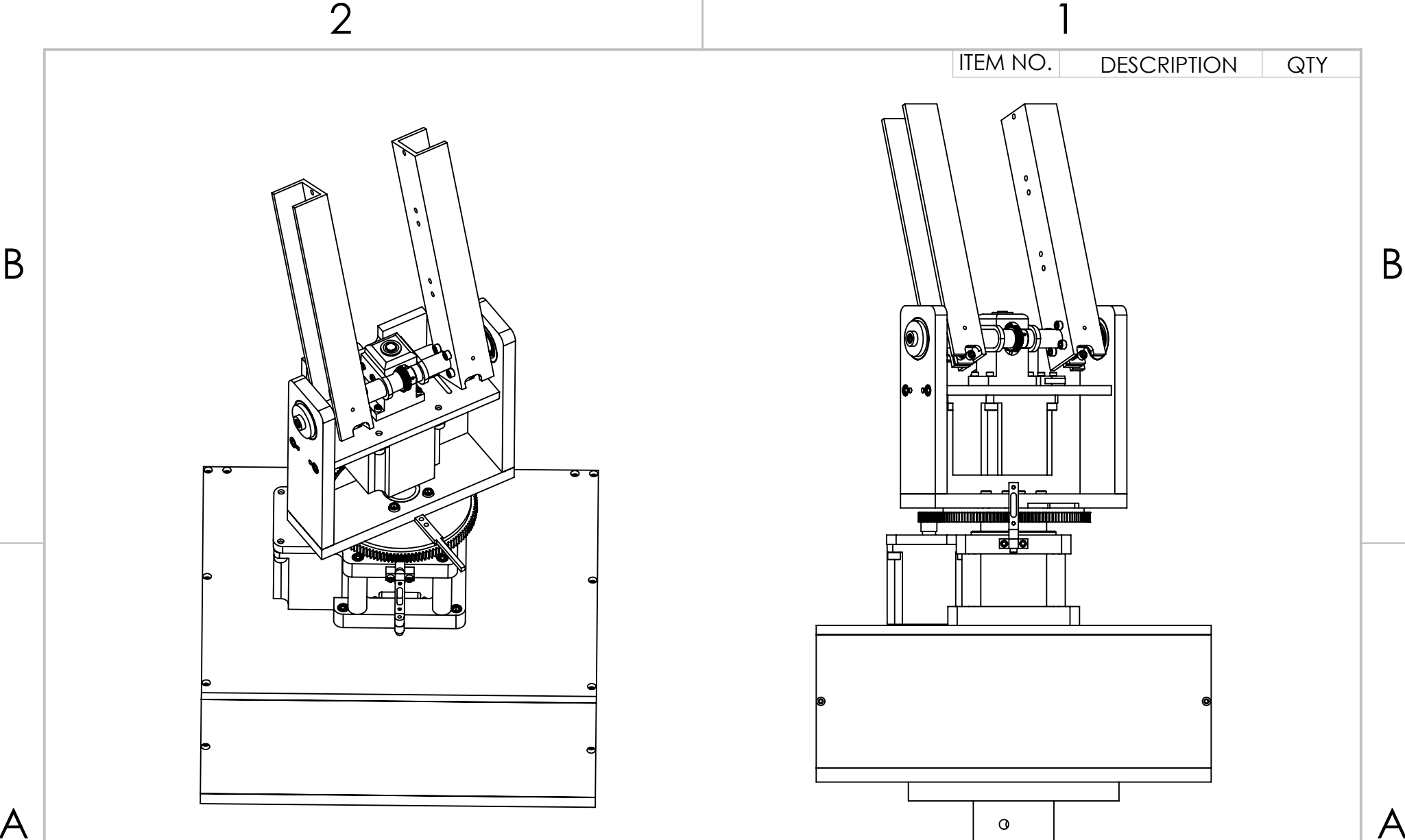
ITEM NO.	DESCRIPTION	QTY
1	Assembly	1
2	The Box Assembly	1
3	1/2" 8-32 SHCS	4

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
INTERPRET GEOMETRIC
TOLERANCING PER:
ASME Y14.5-2009

MATERIAL	
FINISH	NONE
DO NOT SCALE DRAWING	

DRAWN	NAME	DATE
CHECKED	OST	4/15/20
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:	BREAK ALL EDGES AND SHARP CORNERS	

TITLE: MRT Final Assembly		
SIZE	DWG. NO.	REV
A	MRT-ASM-FL	A
SCALE: 1:4	WEIGHT:	SHEET 2 OF 5

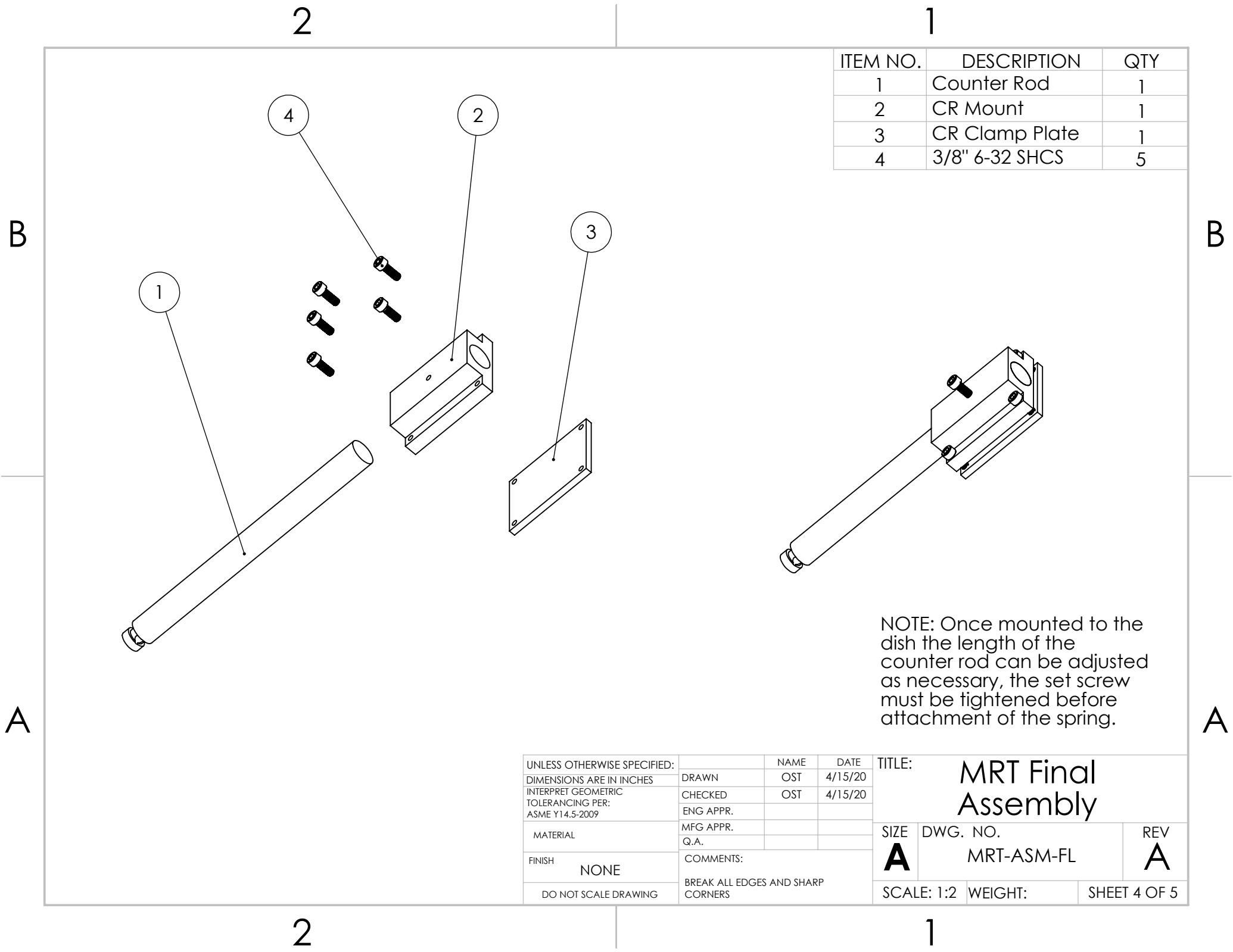


UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
INTERPRET GEOMETRIC
TOLERANCING PER:
ASME Y14.5-2009

MATERIAL
FINISH
NONE
DO NOT SCALE DRAWING

DRAWN	NAME	DATE
CHECKED	OST	4/15/20
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		
BREAK ALL EDGES AND SHARP CORNERS		

TITLE:		MRT Final Assembly	
SIZE	DWG. NO.	REV	
A	MRT-ASM-FL	A	
SCALE: 2:7		WEIGHT:	SHEET 3 OF 5



ITEM NO.	DESCRIPTION	QTY
1	Counter Rod	1
2	CR Mount	1
3	CR Clamp Plate	1
4	3/8" 6-32 SHCS	5

NOTE: Once mounted to the dish the length of the counter rod can be adjusted as necessary, the set screw must be tightened before attachment of the spring.

UNLESS OTHERWISE SPECIFIED:		NAME		DATE		TITLE: MRT Final Assembly				
DIMENSIONS ARE IN INCHES		DRAWN		OST					4/15/20	
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2009		CHECKED		OST					4/15/20	
		ENG APPR.						SIZE DWG. NO. REV A MRT-ASM-FL A		
MATERIAL		MFG APPR.								
		Q.A.								
FINISH		NONE		COMMENTS:				SCALE: 1:2 WEIGHT: SHEET 4 OF 5		
DO NOT SCALE DRAWING		BREAK ALL EDGES AND SHARP CORNERS								

ITEM NO.	DESCRIPTION	QTY
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Assembly Instructions Not Pictured:

The dish is to be mounted to the uprights facing forward with 4 1/2" 8-32 SHCS, and ~3/4" diameter flat washers. Once this is done, the tube clamp screws at the base of the uprights should be fully tightened.

Once the dish is mounted, the counter rod assembly can be installed, and with the dish at near maximum elevation, the spring can be attached between the counter rod and spring anchor.

Spindle oil should be applied occasionally to gear interfaces, and other sliding interfaces.

The tripod mount on the bottom of the Box should only be used when working on the tripod, and removed at all other times.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <div>MRT Final Assembly</div>			
DIMENSIONS ARE IN INCHES		DRAWN	OST				4/15/20
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2009		CHECKED	OST				4/15/20
		ENG APPR.					
MATERIAL		MFG APPR.			SIZE	DWG. NO.	REV
FINISH <div>NONE</div>		COMMENTS:			<div>A</div>	MRT-ASM-FL	<div>A</div>
DO NOT SCALE DRAWING		BREAK ALL EDGES AND SHARP CORNERS			SCALE: 1:2 WEIGHT: SHEET 5 OF 5		