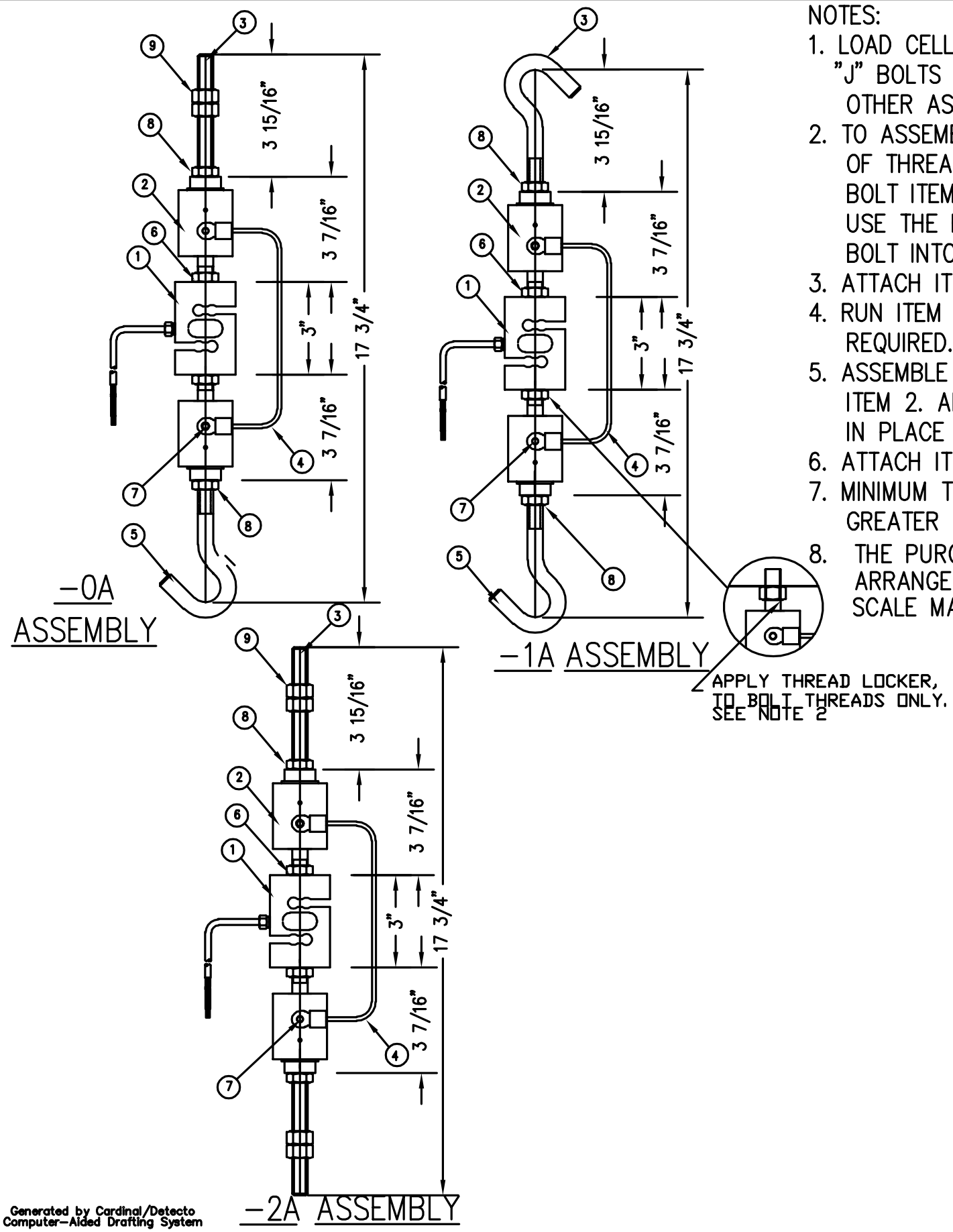


**NOTES:**

1. LOAD CELL ASSEMBLIES USING "J" BOLTS HAVE 200% ULTIMATE OVERLOAD RATING. OTHER ASSEMBLIES HAVE 300% OVERLOAD RATING.
2. TO ASSEMBLE, APPLY SMALL AMOUNT OF THREAD LOCKER ONTO BASE OF THREADED BOLT ITEM 2. ATTACH ITEM 6 HEX NUT, LET DRY, USE THE HEX NUT TO SCREW THE THREADED BOLT INTO THE LOAD CELL, ITEM 1.
3. ATTACH ITEM 2 TO ITEM 1, LOCK IN PLACE W/ ITEM 6.
4. RUN ITEM 8 OR 9 ONTO ITEM 3,5,AS REQUIRED.
5. ASSEMBLE J-BOLTS OR THREADED RODS INTO ITEM 2. ADJUST TO DIMENSIONS SHOWN, LOCK IN PLACE W/ ITEMS 8 OR 9.
6. ATTACH ITEM 4 TO ITEM 2 USING ITEM 7.
7. MINIMUM THREAD ENGAGEMENT IS EQUAL TO OR GREATER THAN THE THREAD DIAMETER.
8. THE PURCHASER OF SUSPENDED SYSTEM SCALES SHOULD ARRANGE FOR SAFETY DEVICES AS RECOMENDED BY THE SCALE MANUFACTURER'S ASSOCIATION INC.

REVISION RECORD			
LTR	DESCRIPTION	DATE	BY



QTY.	QTY.	QTY.	QTY.	ITEM	PART/DWG. NUMBER	DESCRIPTION	MATERIAL OR SOURCE	WT. EACH			
				4	-	2	9	6013-0085	NUT HEX	1/2-13 Z.P.	.038
				2	2	2	8	6013-0086	NUT HEX JAM	1/2-13 Z.P.	.026
				REF	REF	REF	7	6007-0009	SCW HEX HEAD	1/4-20 x 1/2 Z.P.	.012
				REF	REF	REF	6	6013-0390	NUT HEX	1/2-20 S.S.	.038
				-	2	1	5	3501-B186-08	J-BOLT		.418
				1	1	1	4	2970-B013-0A	GRD WIRE ASSY		0.08
				2	-	1	3	3501-B185-08	THD ROD		.278
				2	2	2	2	3501-B180-0A	MOUNTING ADAPTER		2.543
				1	1	1	1	ZX 500	LOAD CELL ASSY	500#	1.1
	-2A	-1A	-0A	ASSY							
	7.13	7.25	7.19	WT.	PARTS/MATERIAL LIST						

UNLESS OTHERWISE SPECIFIED TOLERANCE ON DIMENSIONS ARE:  
 ANGLES ± 1/2°  
 INTEGERS/FRACTIONS ± 1/16 IN.  
 DECIMALS (.X) ± .03 IN.  
 DECIMALS (.XX) ± .01 IN.  
 DECIMALS (.XXX) ± .005 IN.  
 NOTE: WHOLE NUMBERS MUST BE WRITTEN XX.000 TO INVOKE DECIMAL TOLERANCES.

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**Cardinal**  
 Cardinal Scale Manufacturing Co.  
 WEBB CITY, MISSOURI · USA · 64870

CARDINAL DETECTO FULLER WEIGHING SYSTEMS

TITLE ASSEMBLY INSTRUCTIONS AND PARTS LIST  
 500 # TENSION LOAD CELL ASSEMBLY  
 3501-B128-0A/-1A/-2A/-3A

SCALE	NTS	DO NOT SCALE DRAWING	NEXT ASSEMBLY
DR.	GPL	DATE	5/16/02
CH.		DATE	
MODEL	SHEET	DWG. NO.	REV.
500# CAPACITY	1 OF 1	3501-B128-GS	B