

Assembly BOM Link: (contains prints to constituent part prints) ASM851A02.xls							
1	Drawing Name: REVISION 1 ASM851A02 DATE 9/6/2019				PART NO.	DESCRIPTION: 9star Roller RH, CCW	
A: Note on step 23, spline 2 to spline 1, 09/06/2019					ASM851A02		
B:			DEBUR AND BREAK SHARP EDGES		PROCESSES		
				HERWISE SPECIFIED: IS ARE IN INCHES	Assemble	WEIGHT: 595.18Lbs	
C:			SURFACE FINISH: TOLERANCES: LINEAR: 1/16" ANGULAR: 2°		Grease	Soil Regeneration	
D: E:					Cicuse	Unlimited	
						PROPRIETARY AND CONFIDENTIAL	
			A4	E DRAWING		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTYOF SOIL REGENERATION	
NAME			<del>-</del>	SCALE:1:12		UNLIMITED. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SOIL	
Daniel R. M.			SHEET 1 OF 34			REGENERATION UNLIMITED IS PROHIBITED.	

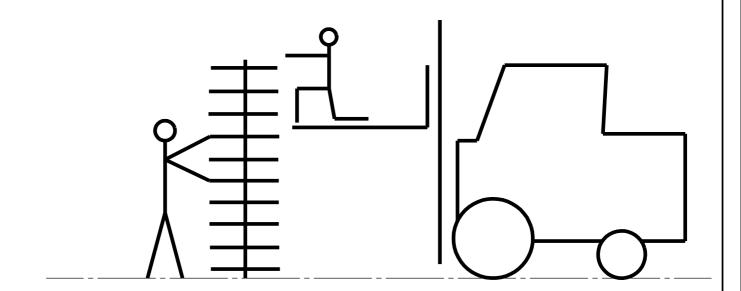
TEM NO.	PartNo	QTY.	Weight	Description	Material	Length
1	2011012C0	9	2.49	ROLLER HARTING RING DRIVER	80-55-06	
2	2011018C1	18	2.37	Harting Ring, Cast	80-55-06	
3	2011057C0	27	4.883	CCW Tine, Tabs Base, hard-faced	2011013C2	
4	2011074C1	13	20.96	Short Spacer, Cast	65-45-12	
5	2011085C0	6	3.50	End Cap	80-55-06	
6	2011185P0	2	1.60	1-3/4"-12 Grade 8 Hex Nut	Grade 8 Steel	
7	2012080P0	6	0.20	2" x 3.375" x .125" Belleville Washer, KEYBLVL# K3375- S-125	KEYBLVL# K3375-S-125	0.125
8	2012180C1	2	3.49	End Cap, drilled	2011085C0	
9	2012182C1	2	0.27	Roller nut lock flange	SH-14GA	2
10	2012184P1	2	0.008	1/4" x 1" Zinc-Plated Steel Slotted Spring Pin, MCM# 90692A742	MCM# 90692A742	
11	2012228C1	1	65.33	Arbor bolt, 9star	BAR HEX-1.75 4140 ANLD	87.25
12	ASM986A03	3	9.20	Roller Bearing Housing ASM, Greasable		

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C:		DIMENSIONS ARE IN INCHES SURFACE FINISH:		Soil Regeneration	
D:		TOLERANCES: LINEAR: 1/16"		Unlimited	
<b>.</b>		ANGULAR: 2°		PROPRIETARY AND CONFIDENTIAL	
E:		SCALE DRAWING		THE INFORMATION CONTAINED IN THIS DRAWING IS	
•		A4 SCALE:1:12		THE SOLE PROPERTYOF SOIL REGENERATION UNLIMITED. ANY REPRODUCTION IN PART OR AS A	
NAME SIGNATION Daniel R. M.	TURE	SHEET 2 OF 34		WHOLE WITHOUT THE WRITTEN PERMISSION OF SOIL REGENERATION UNLIMITED IS PROHIBITED.	

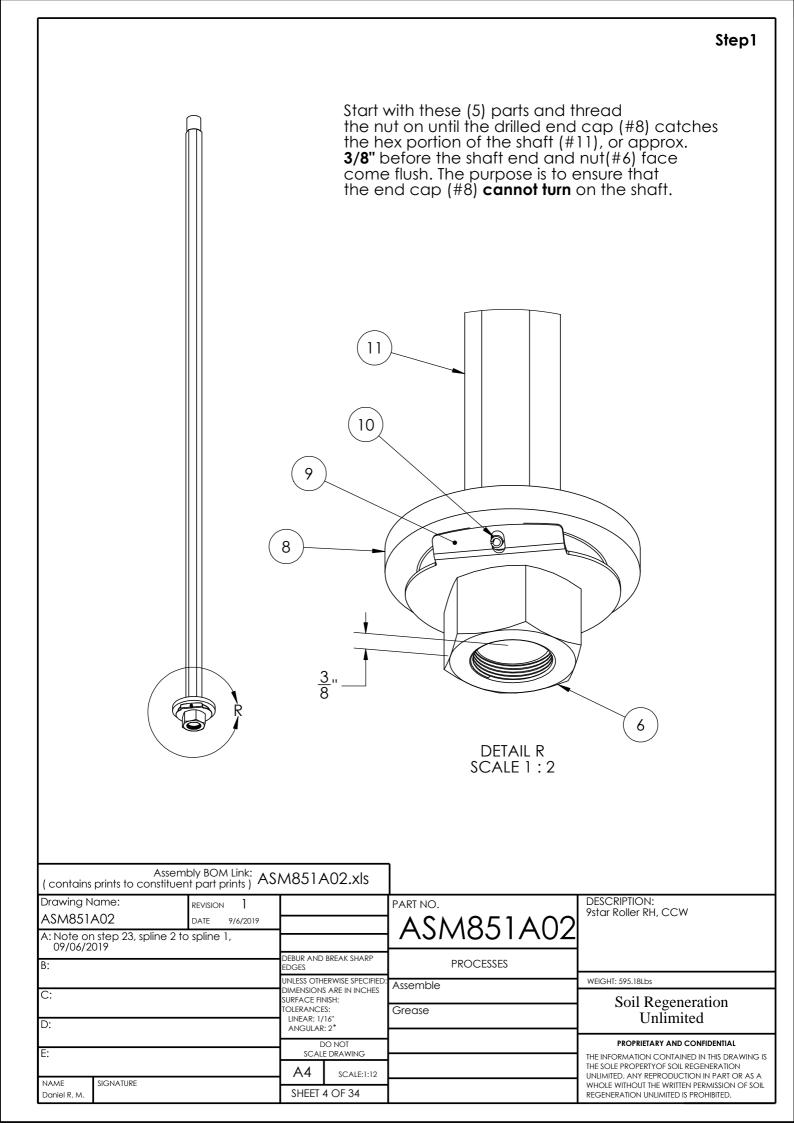
## GENERAL INSTRUCTIONS

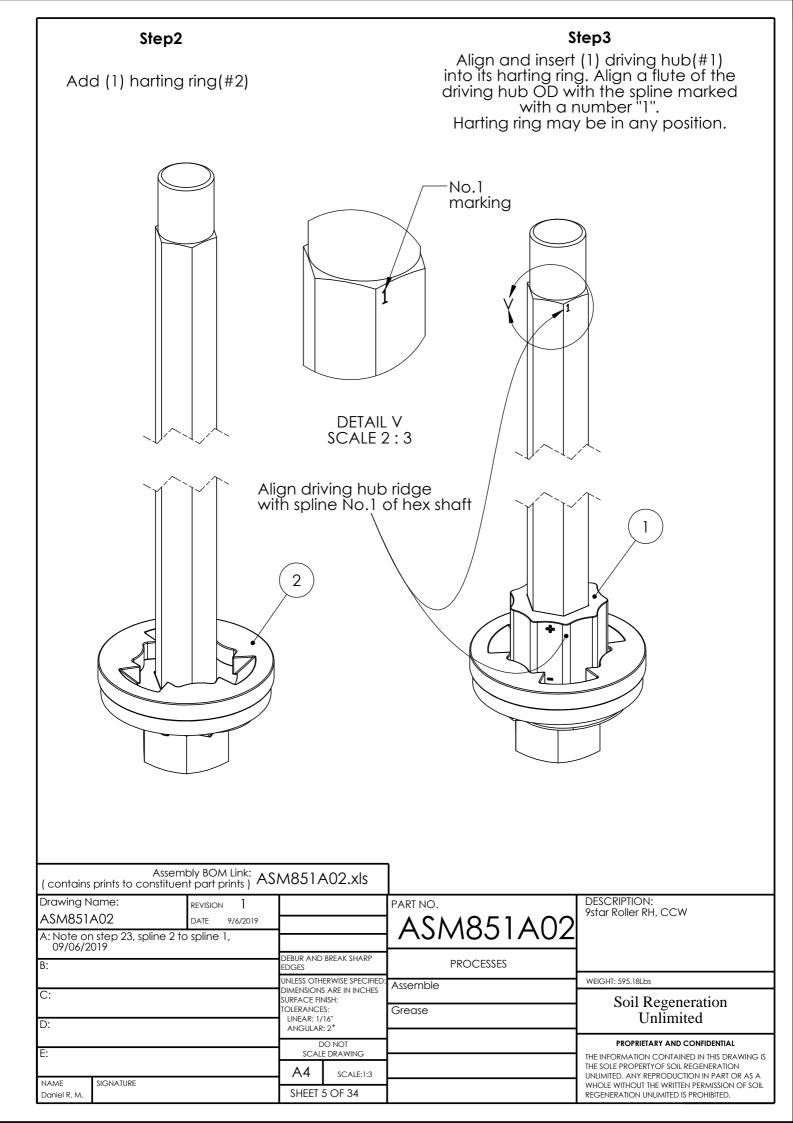
A forklift may be used to facilitate assembly and moving of the 9star roller assemblies. The roller assembly will rest on the nut of its one end during the assembly process. The surface underneath the nut should be as level, flat, and hard as possible. This will make steadying the shaft much easier and safer. A pallet held up by the forklift may be used as a platform for parts, and a person to add these parts to the assembly. Once the top nut of the roller assembly is tightened, the forklift and a chain may used to lower the assembly onto the floor.

The roller assembly should be held steady by at least one person at all times



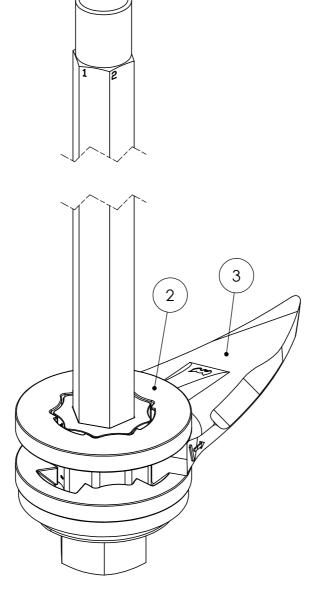
( contains prints to co	Assembly BOM Link: nstituent part prints )	.xls		]	
Drawing Name: REVISION ASM851A02 DATE 9/6/2019				PART NO.	DESCRIPTION:
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C:	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES SURFACE FINISH: TOLERANCES: LINEAR: 1/16" ANGULAR: 2°			Soil Regeneration	
D:				Unlimited	
E:	DO NOT SCALE DRAWING			PROPRIETARY AND CONFIDENTIAL  THE INFORMATION CONTAINED IN THIS DRAWING IS	
	A4 SCALE:1:12			THE SOLE PROPERTY OF SOIL REGENERATION UNLIMITED. ANY REPRODUCTION IN PART OR AS A	
NAME SIGNATURE Daniel R. M.		SHEET 3 OF 34			WHOLE WITHOUT THE WRITTEN PERMISSION OF SOIL REGENERATION UNLIMITED IS PROHIBITED.



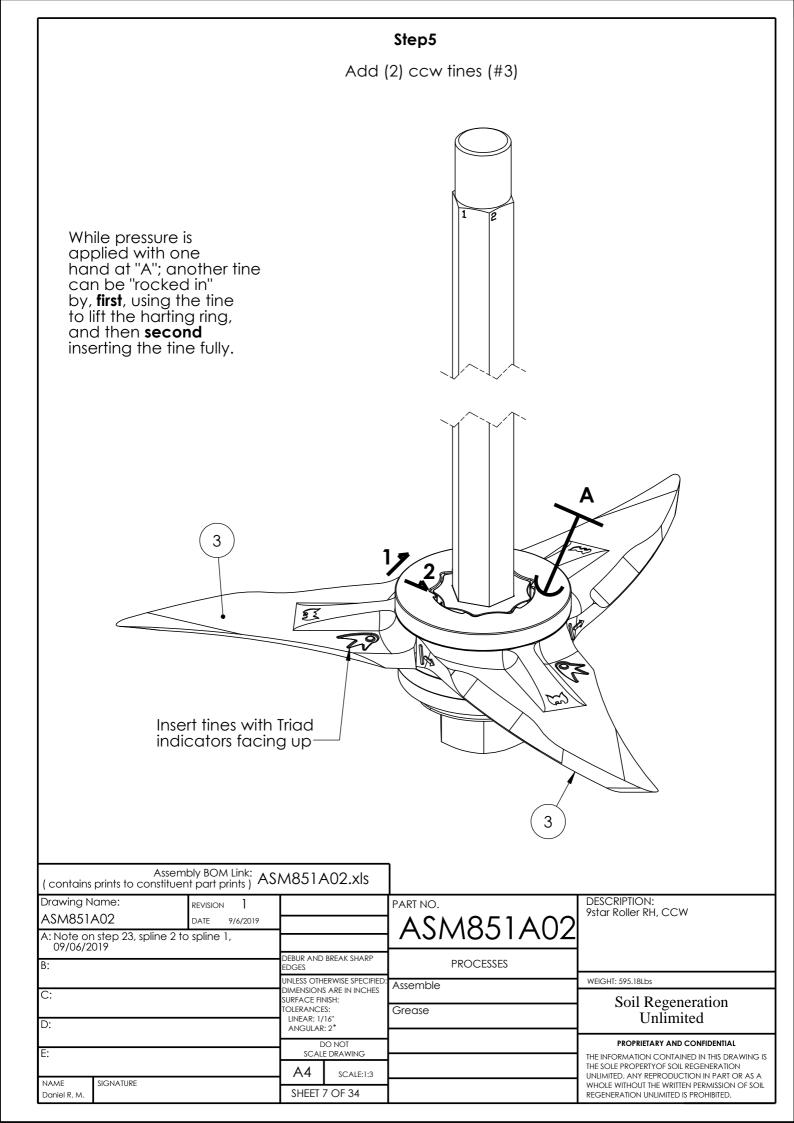


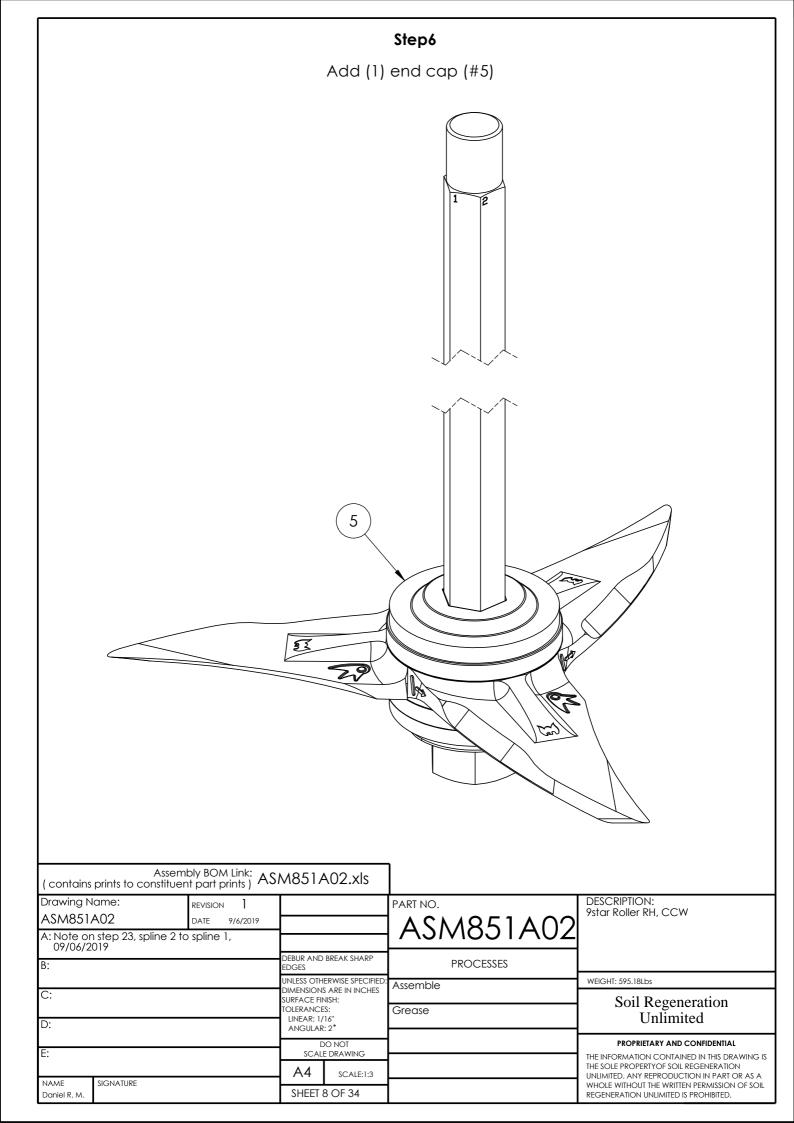
## Step4

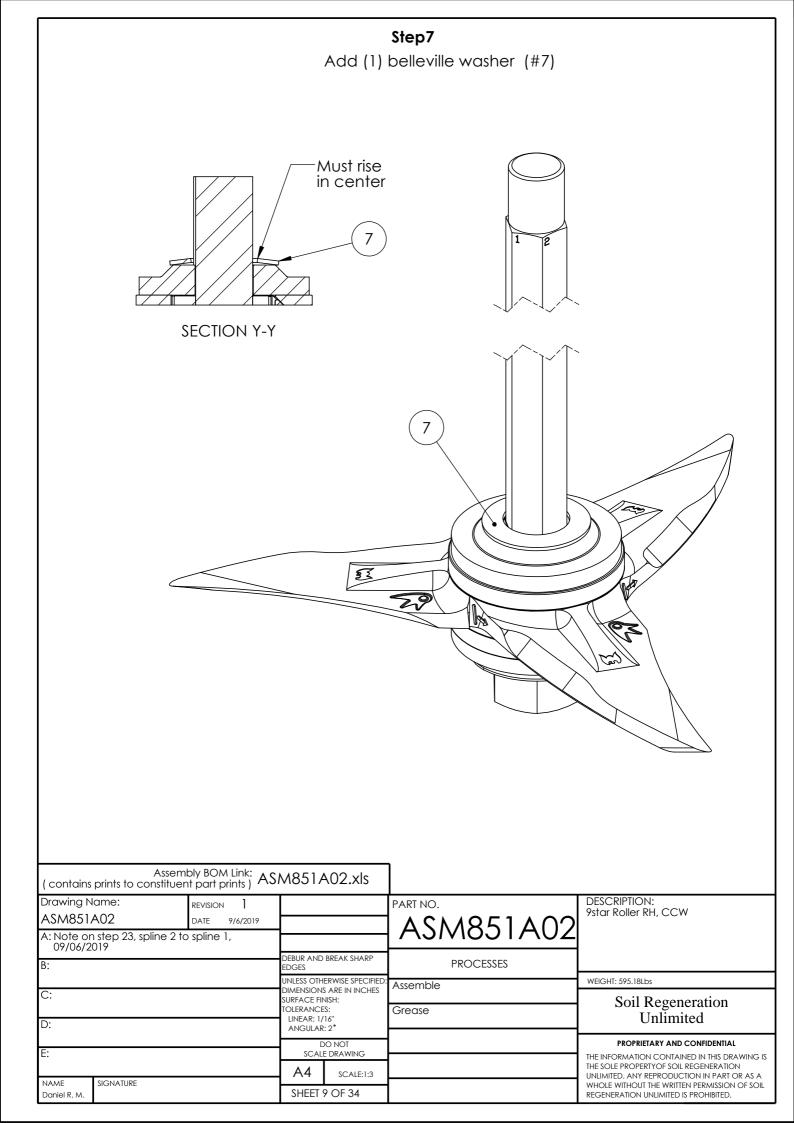
Add (1) ccw tine (#3), and (1) harting ring(#2) insert in any of the three positions available

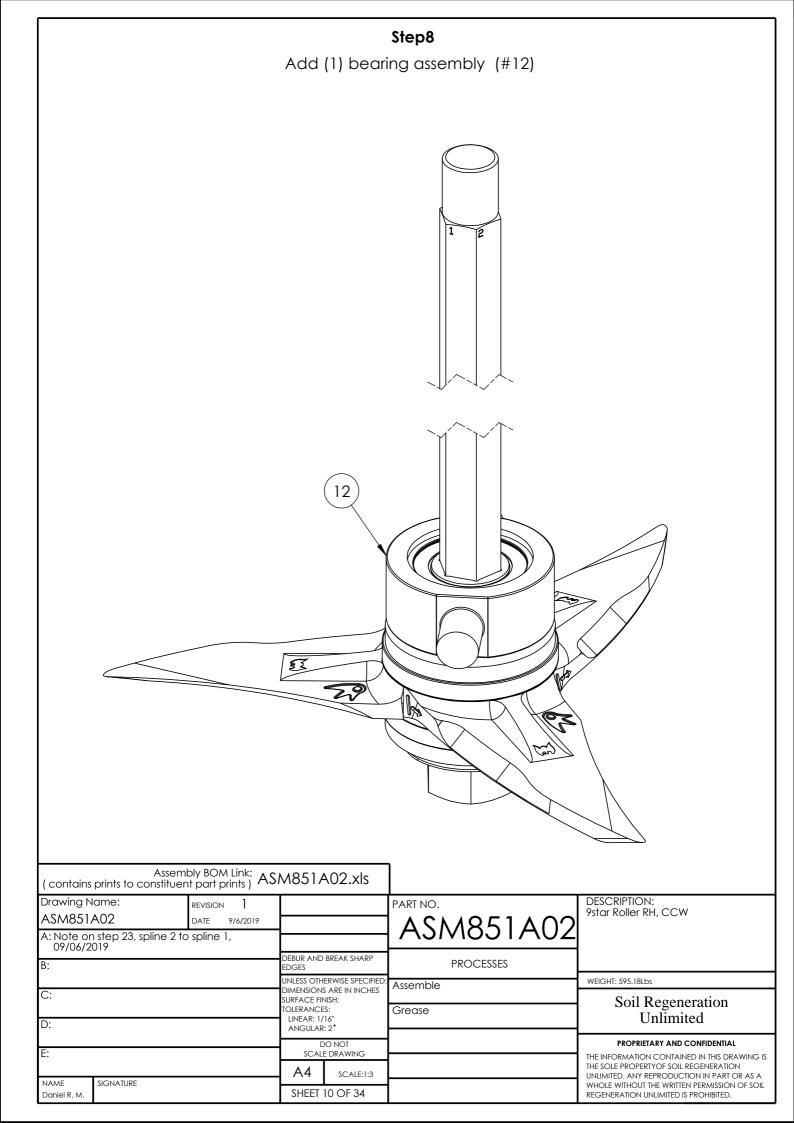


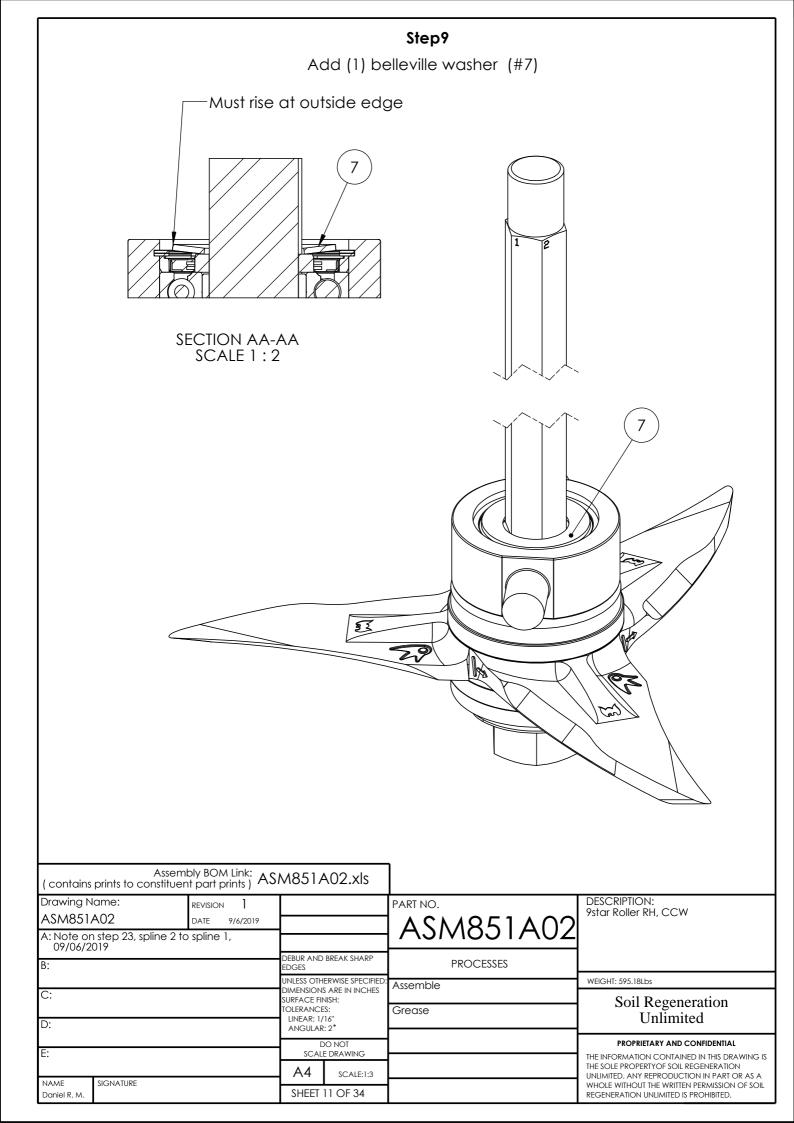
Assembly BOM Link: (contains prints to constituent part prints) ASM851A02.xls DESCRIPTION: Drawing Name: PART NO. REVISION 9star Roller RH, CCW ASM851A02 ASM851A02 A: Note on step 23, spline 2 to spline 1, 09/06/2019 DEBUR AND BREAK SHARF **PROCESSES** B: **EDGES** UNLESS OTHERWISE SPECIFIED WEIGHT: 595.18Lbs Assemble DIMENSIONS ARE IN INCHES C: SURFACE FINISH: Soil Regeneration TOLERANCES: Unlimited LINEAR: 1/16" D: ANGULAR: 2° DO NOT SCALE DRAWING PROPRIETARY AND CONFIDENTIAL E: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTYOF SOIL REGENERATION UNLIMITED. ANY REPRODUCTION IN PART OR AS A A4 SCALE:1:3 SIGNATURE NAME WHOLE WITHOUT THE WRITTEN PERMISSION OF SOIL REGENERATION UNLIMITED IS PROHIBITED. SHEET 6 OF 34 Daniel R. M.

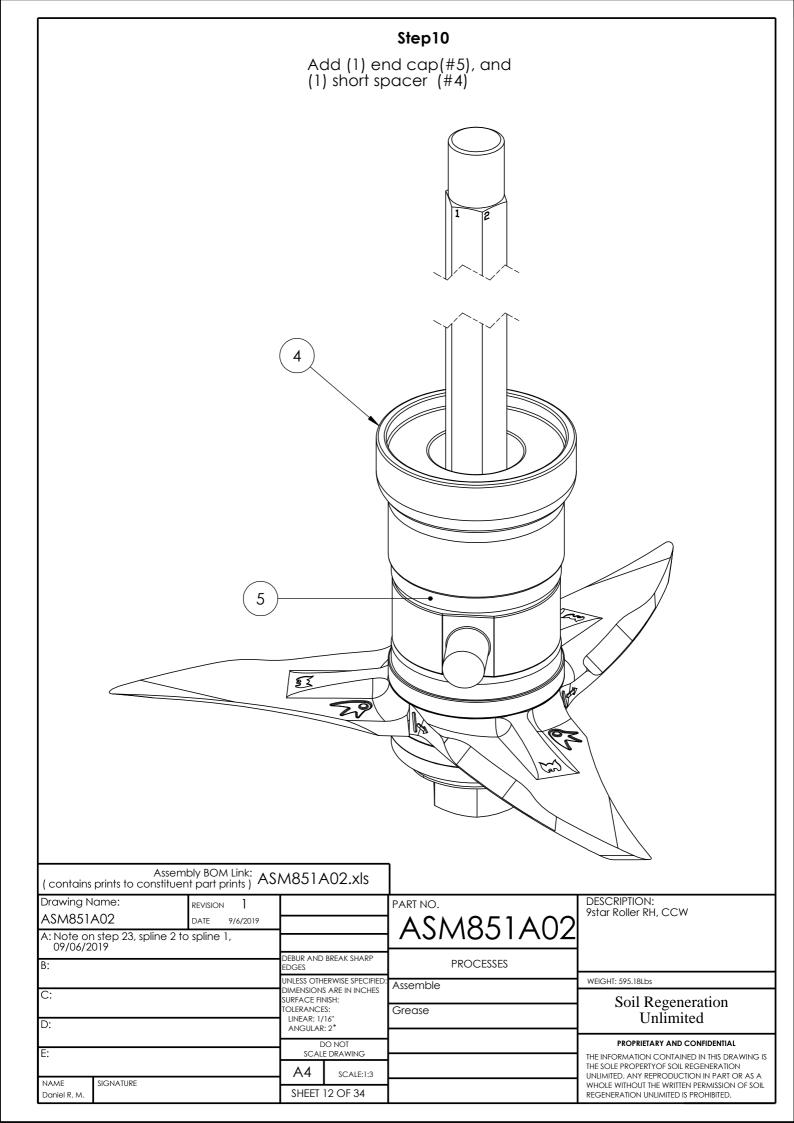


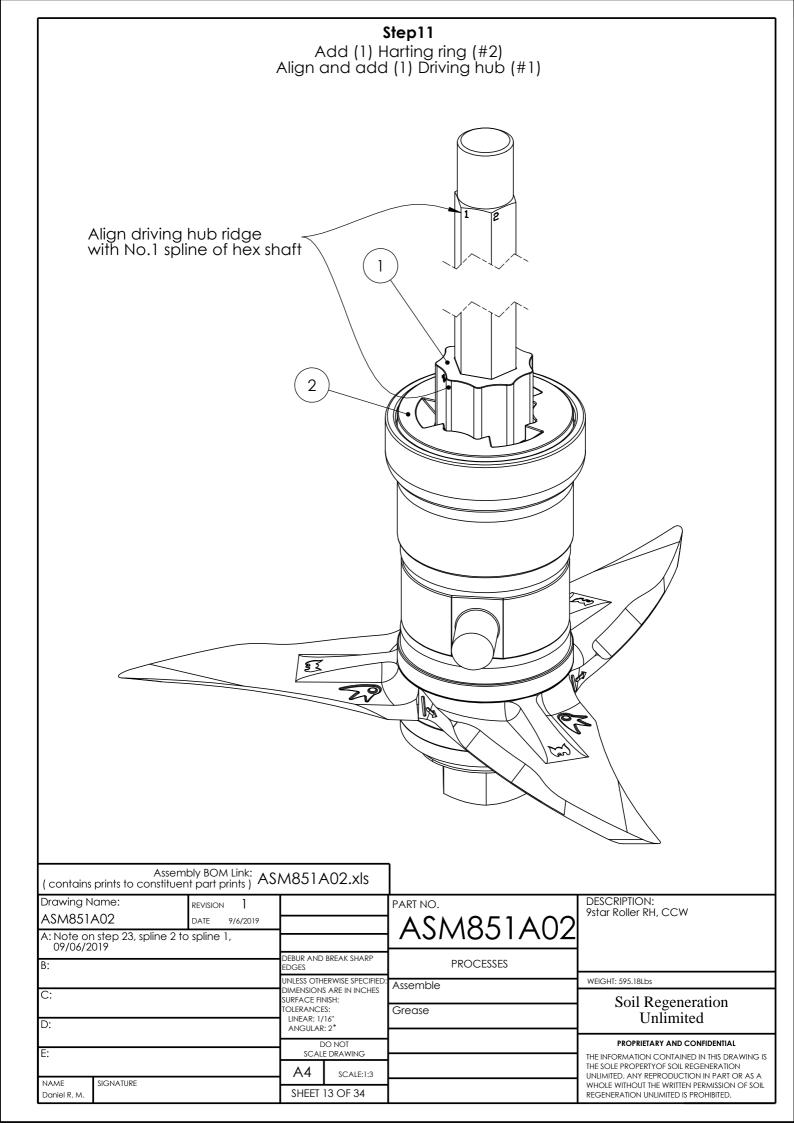


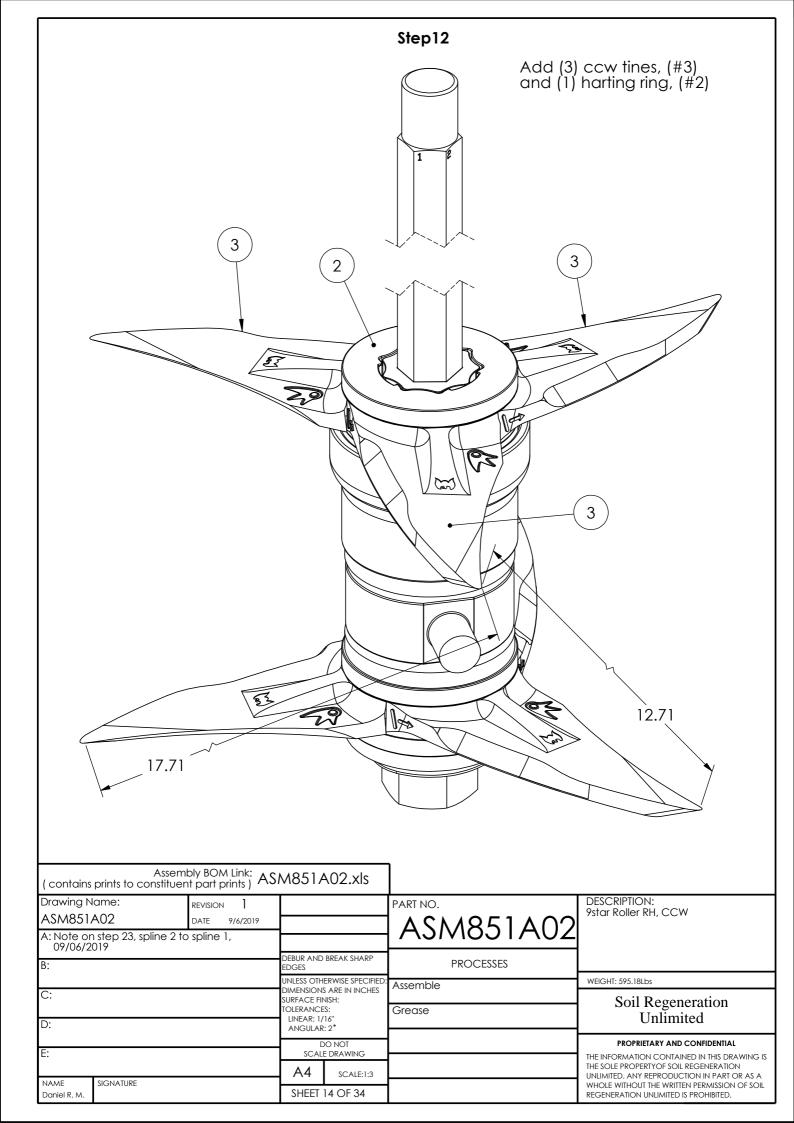


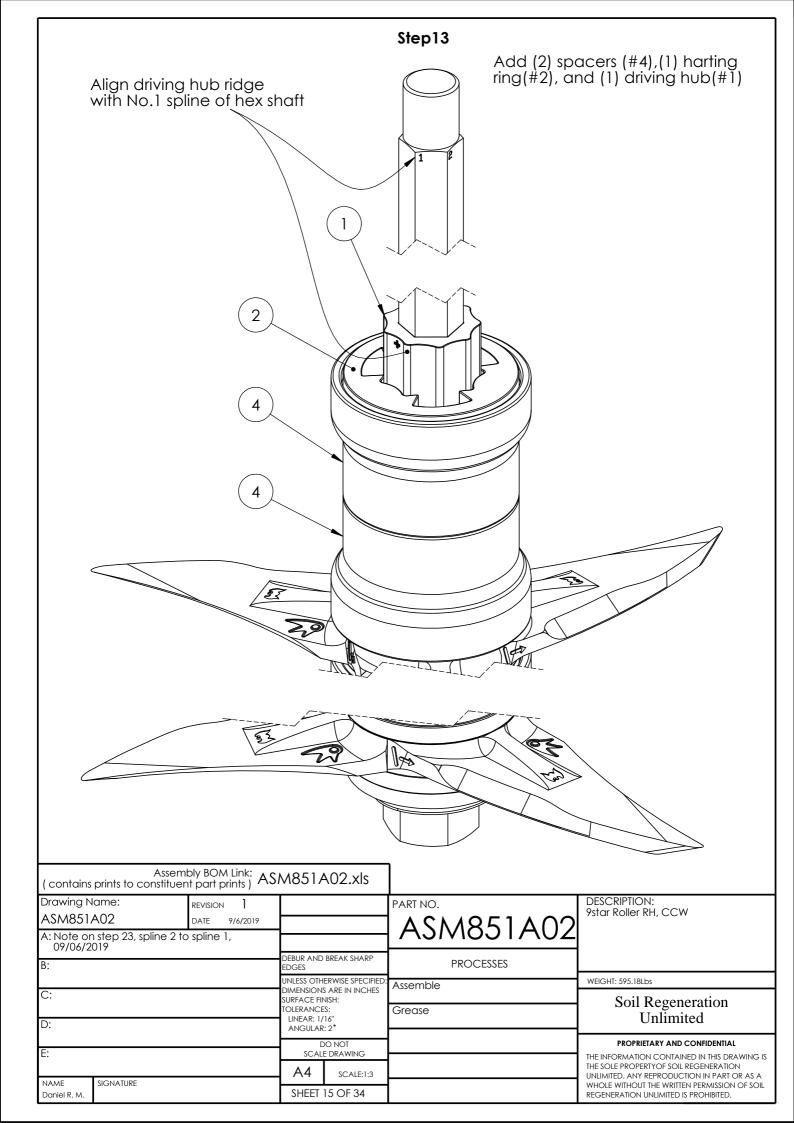


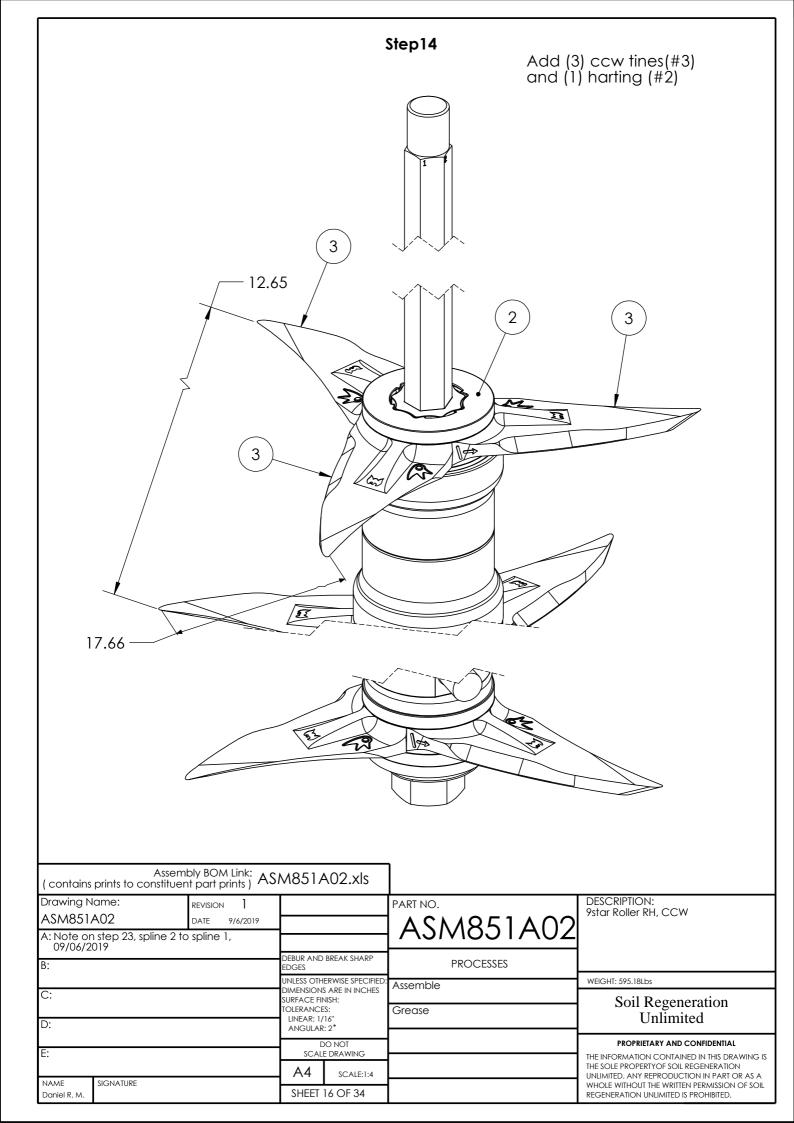


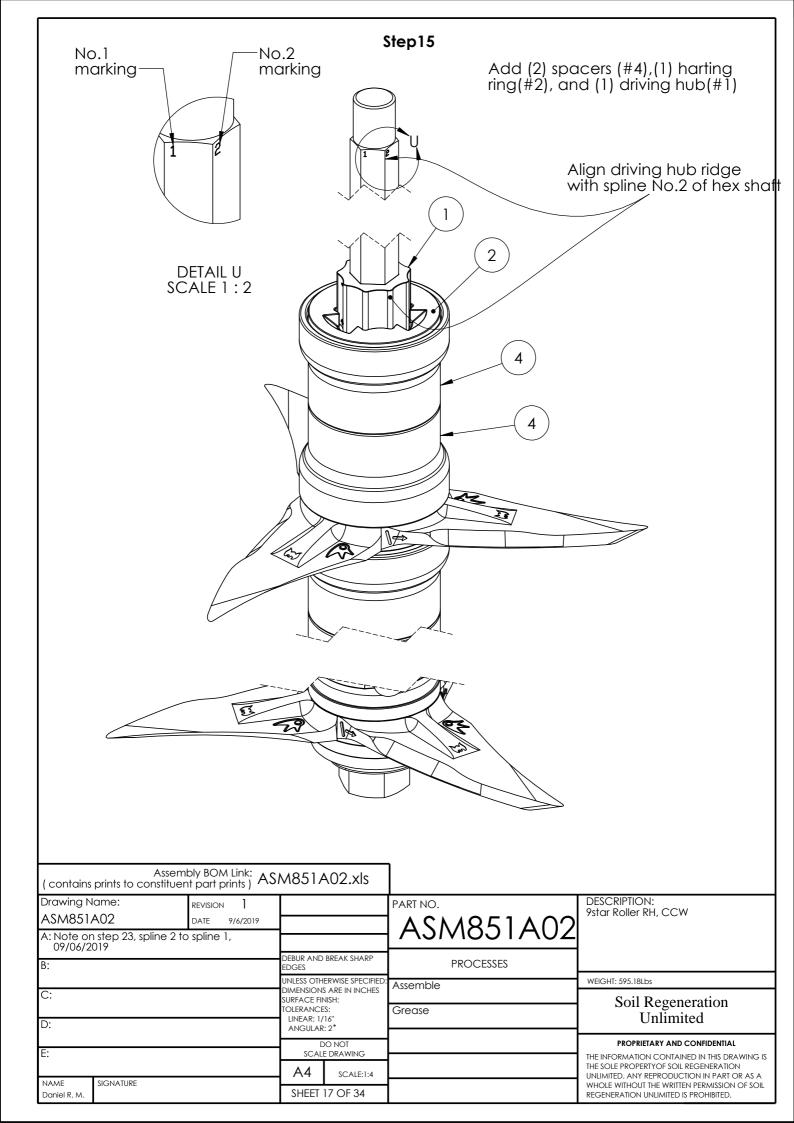


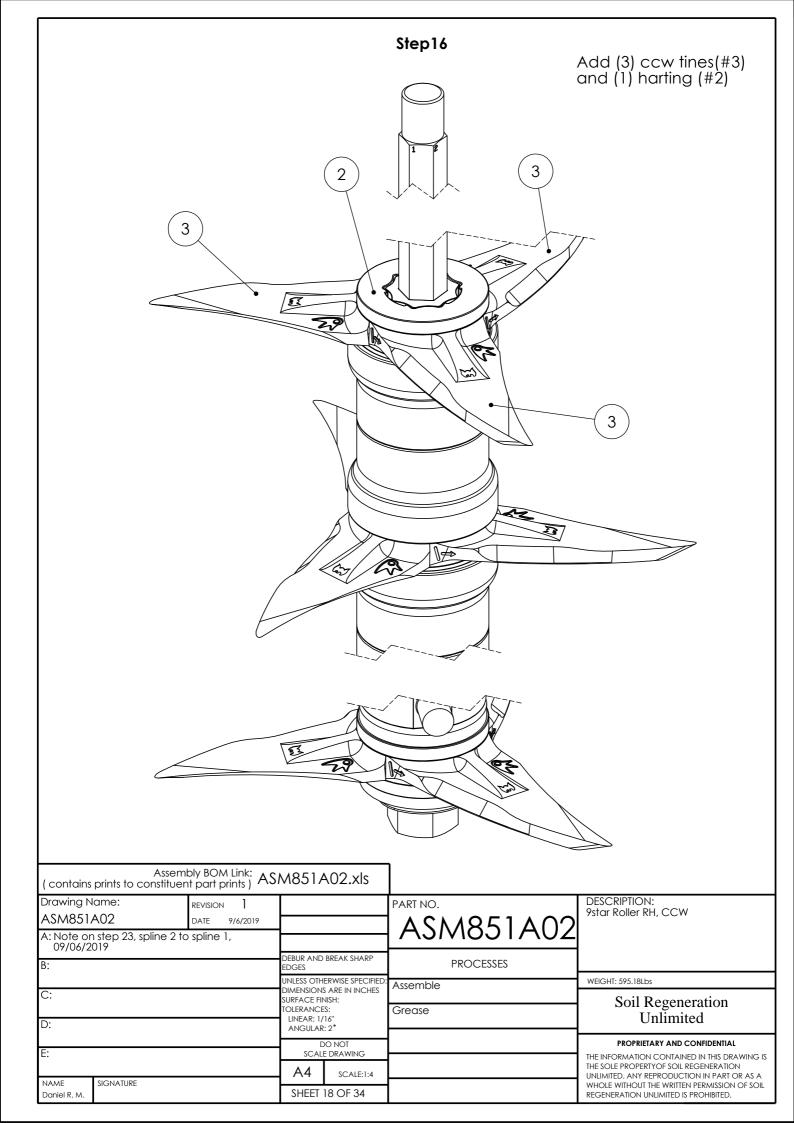


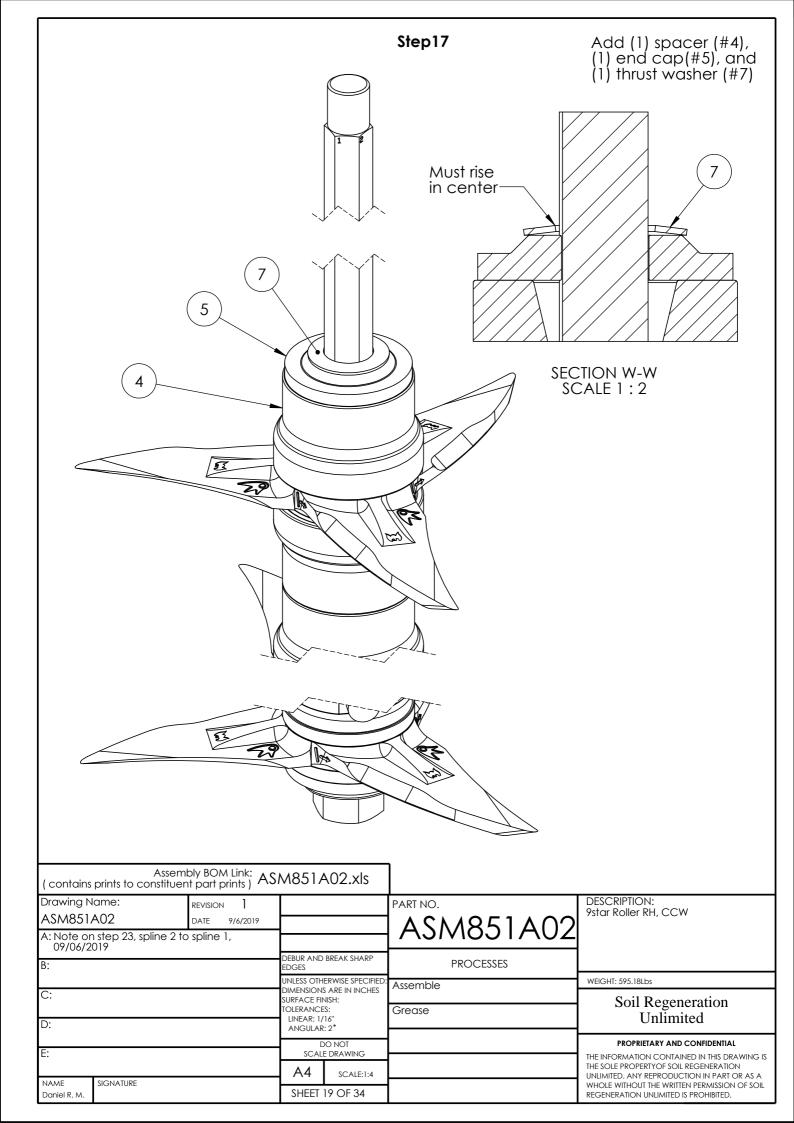


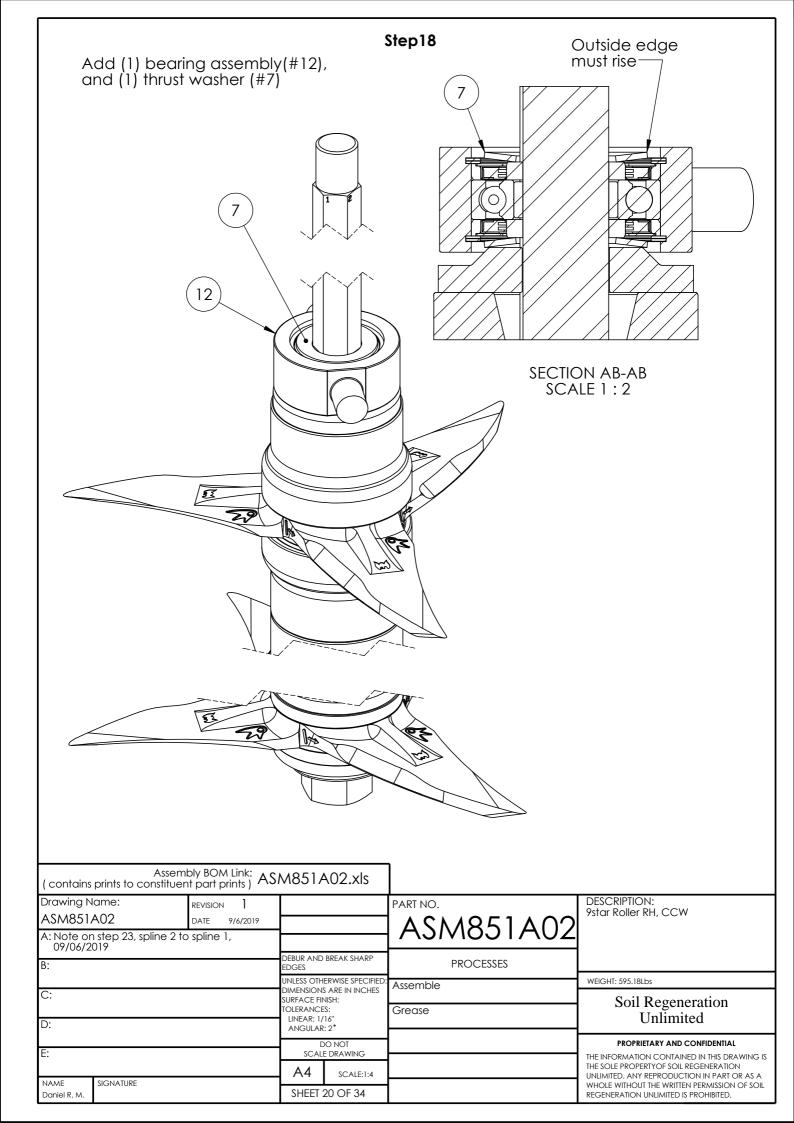


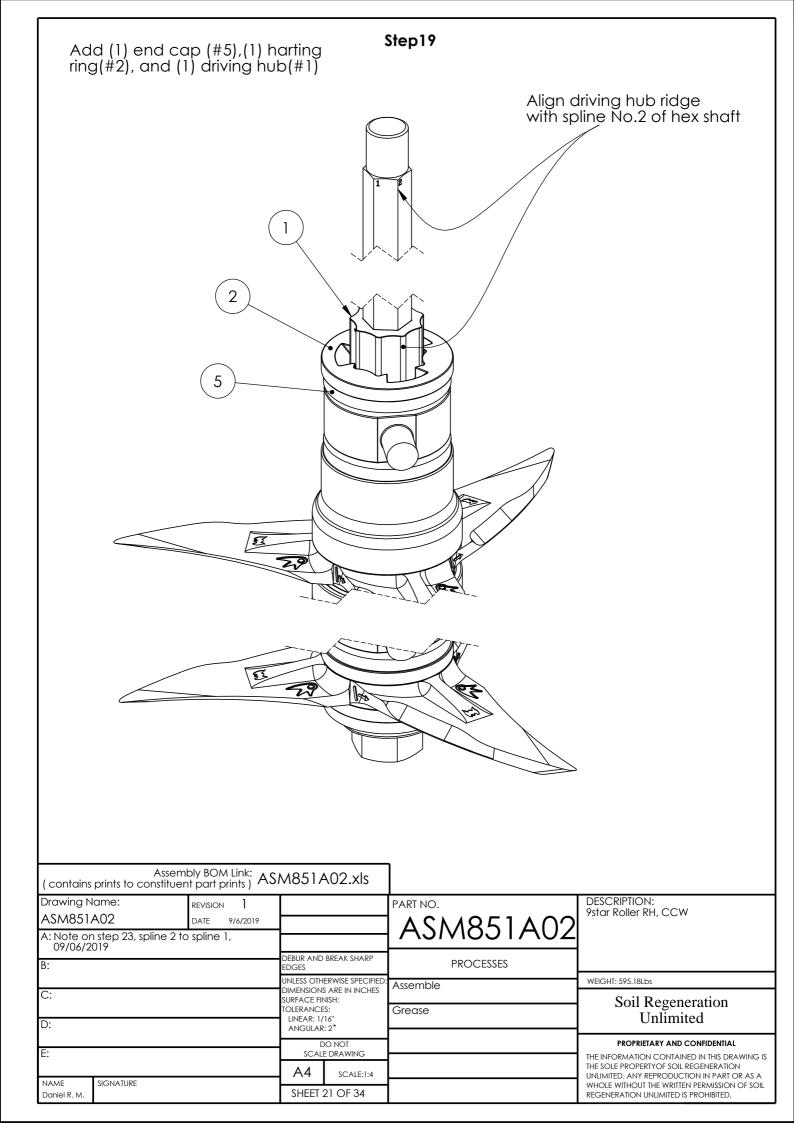


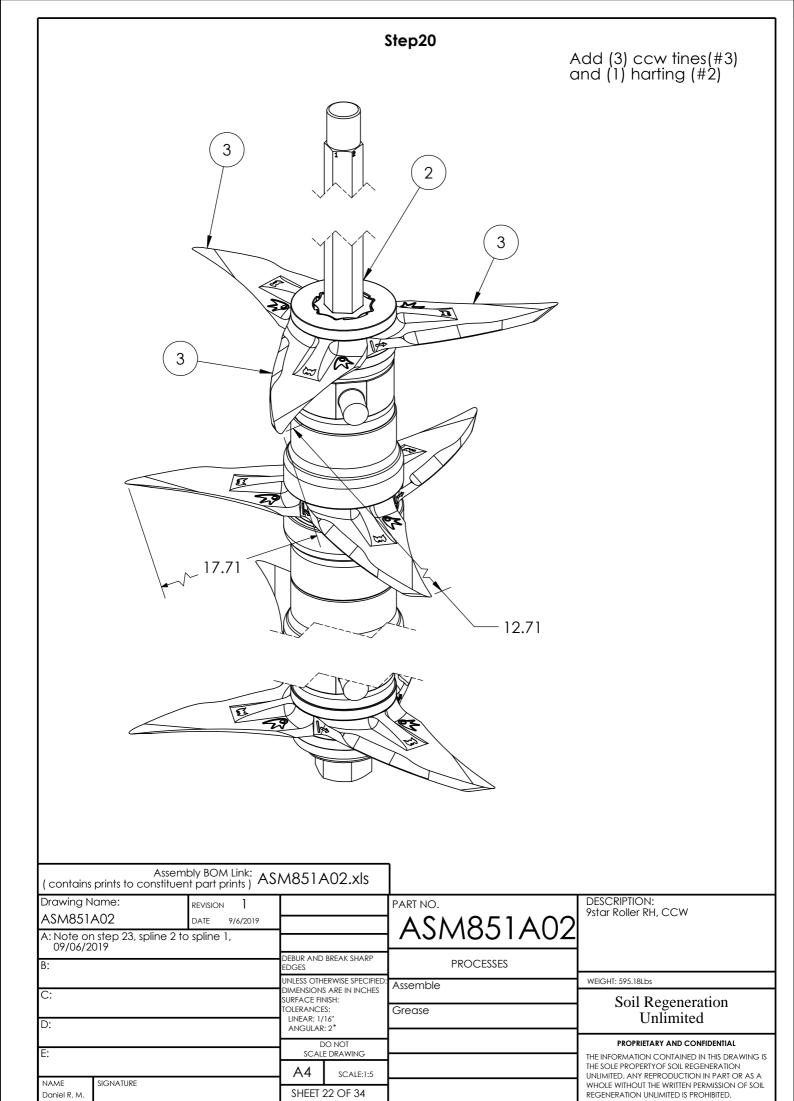


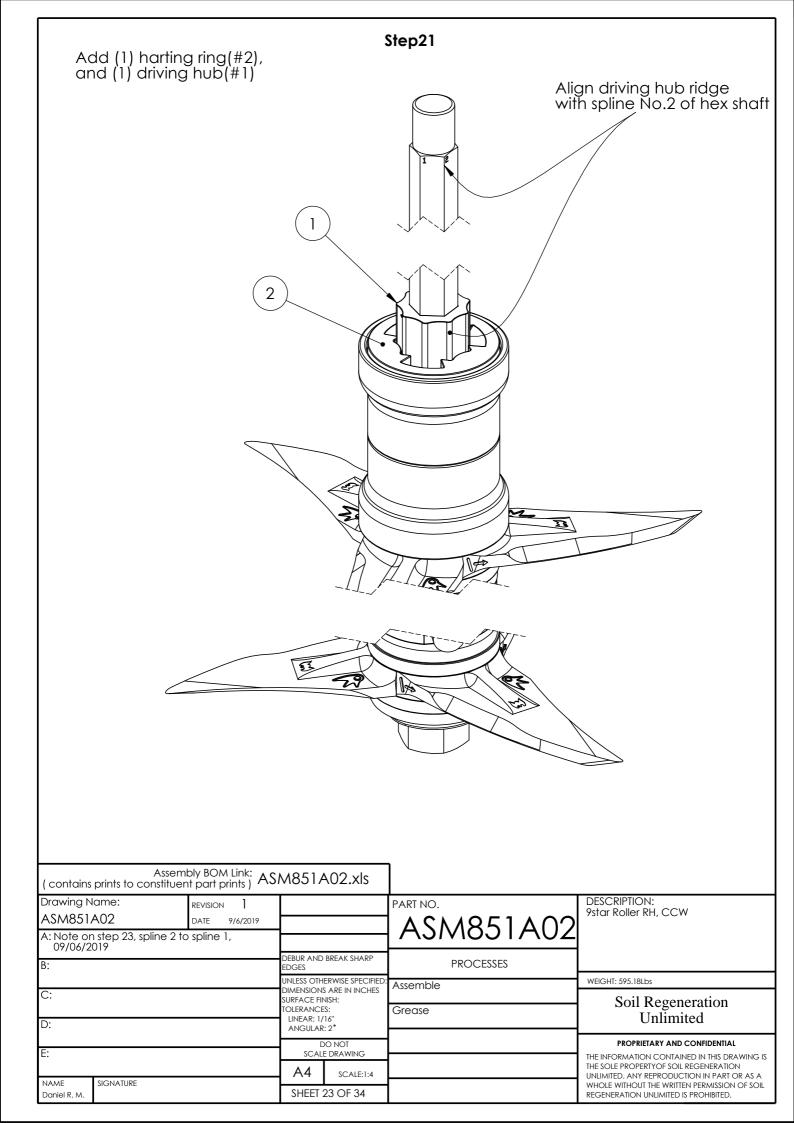


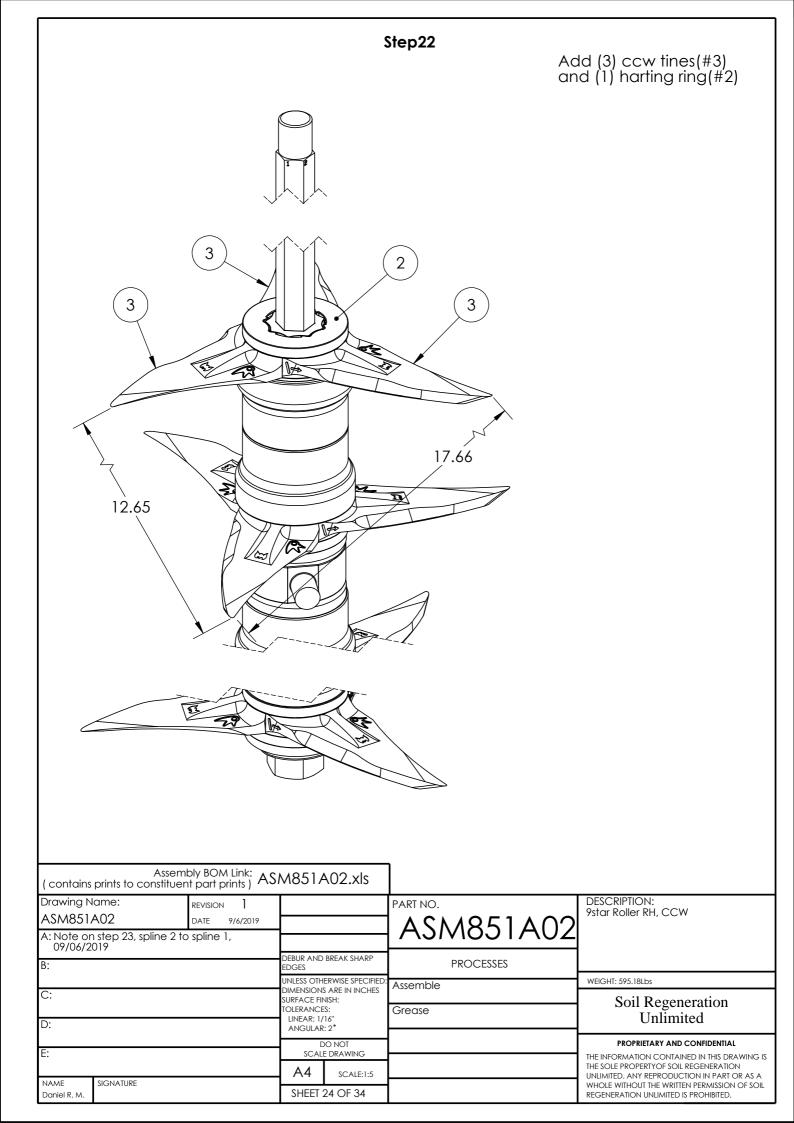


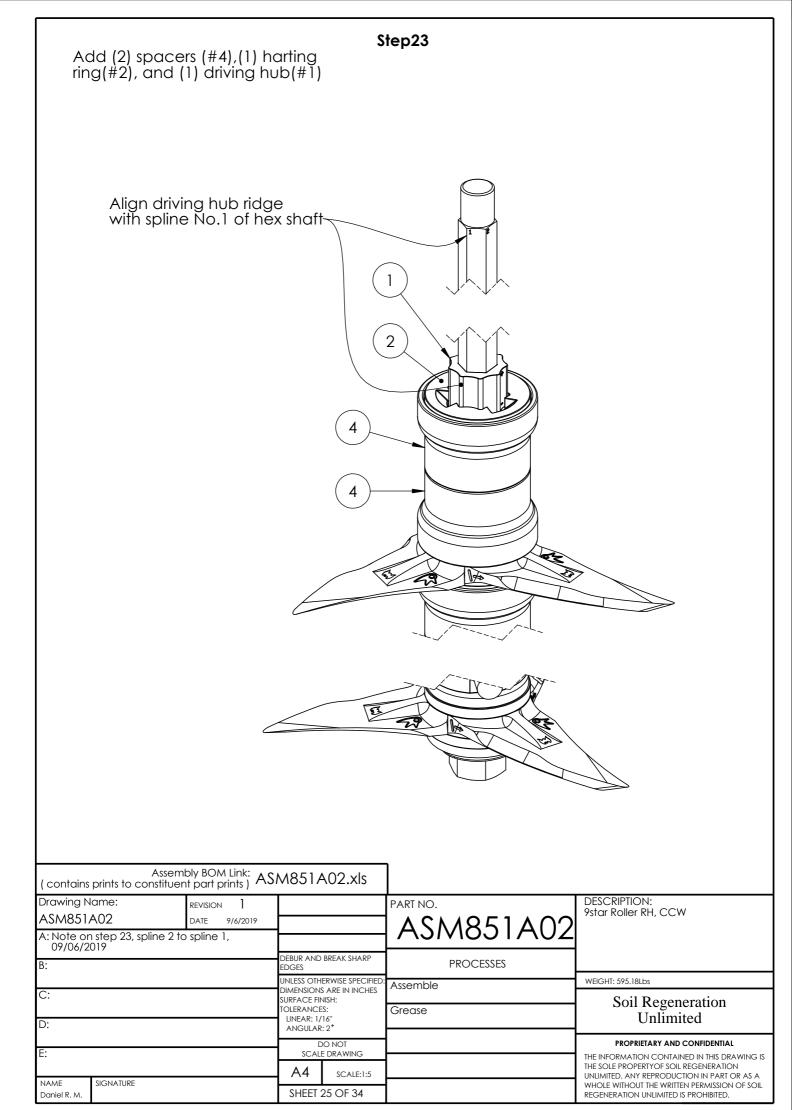


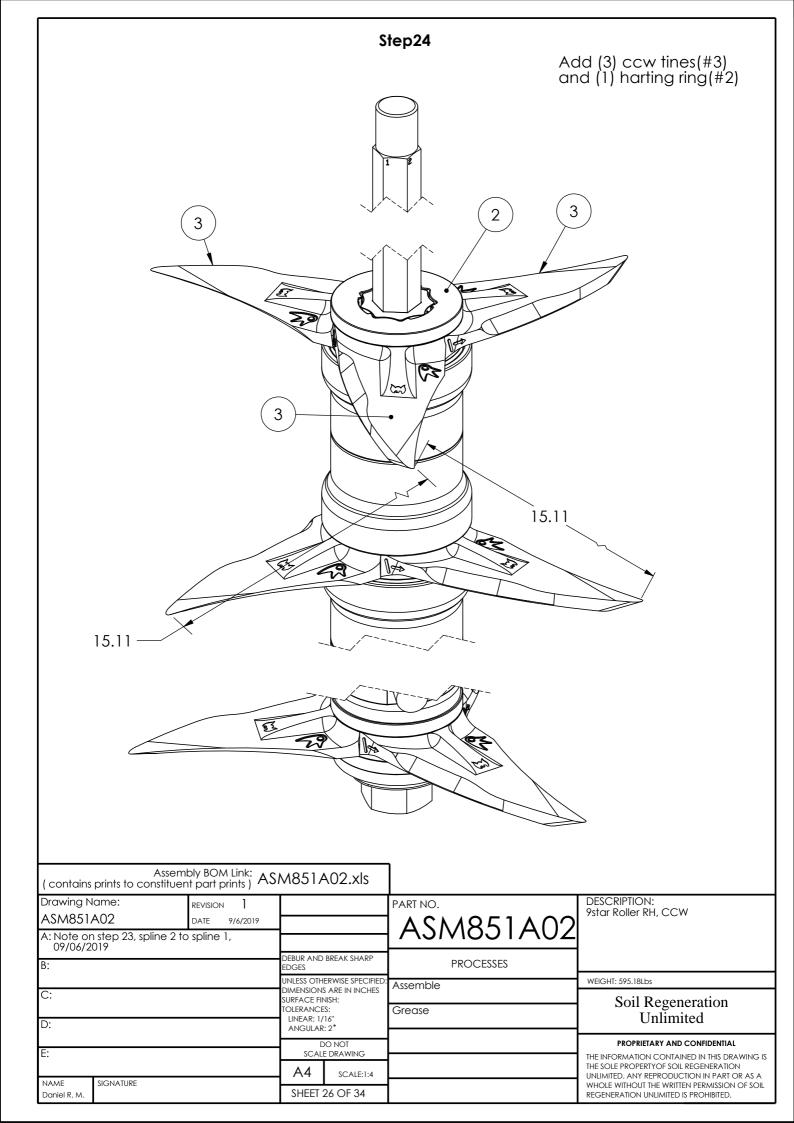


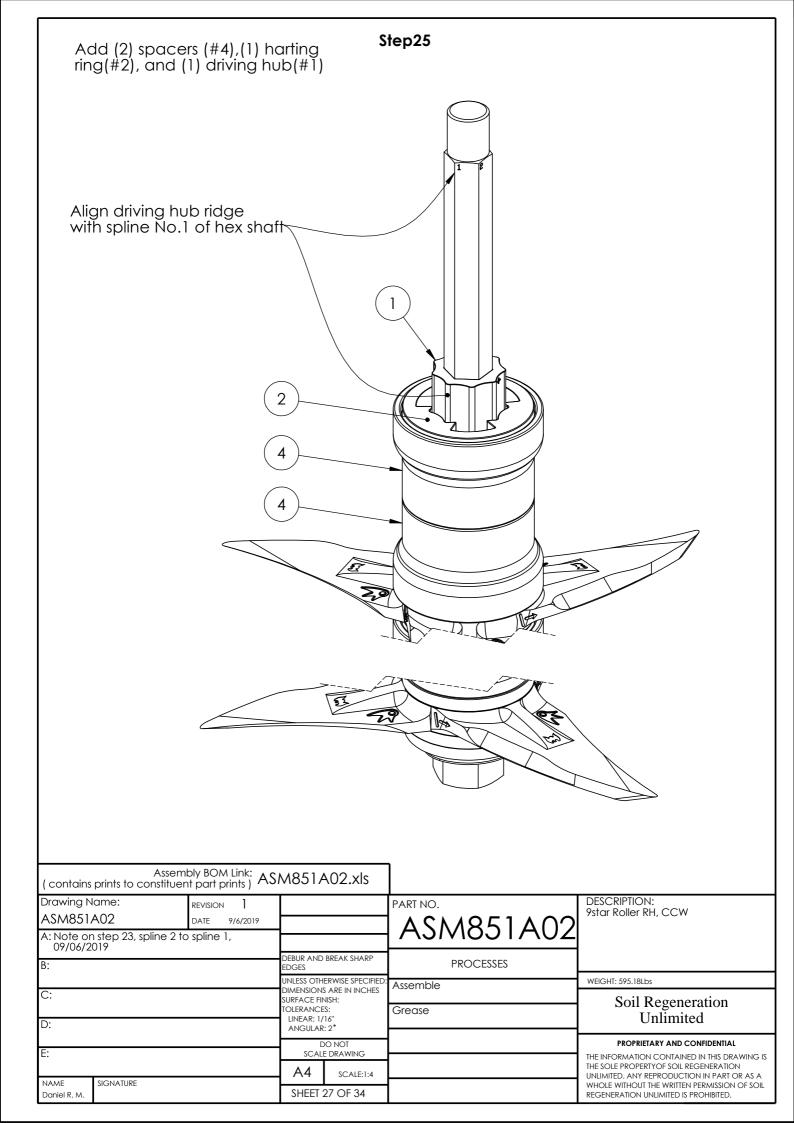


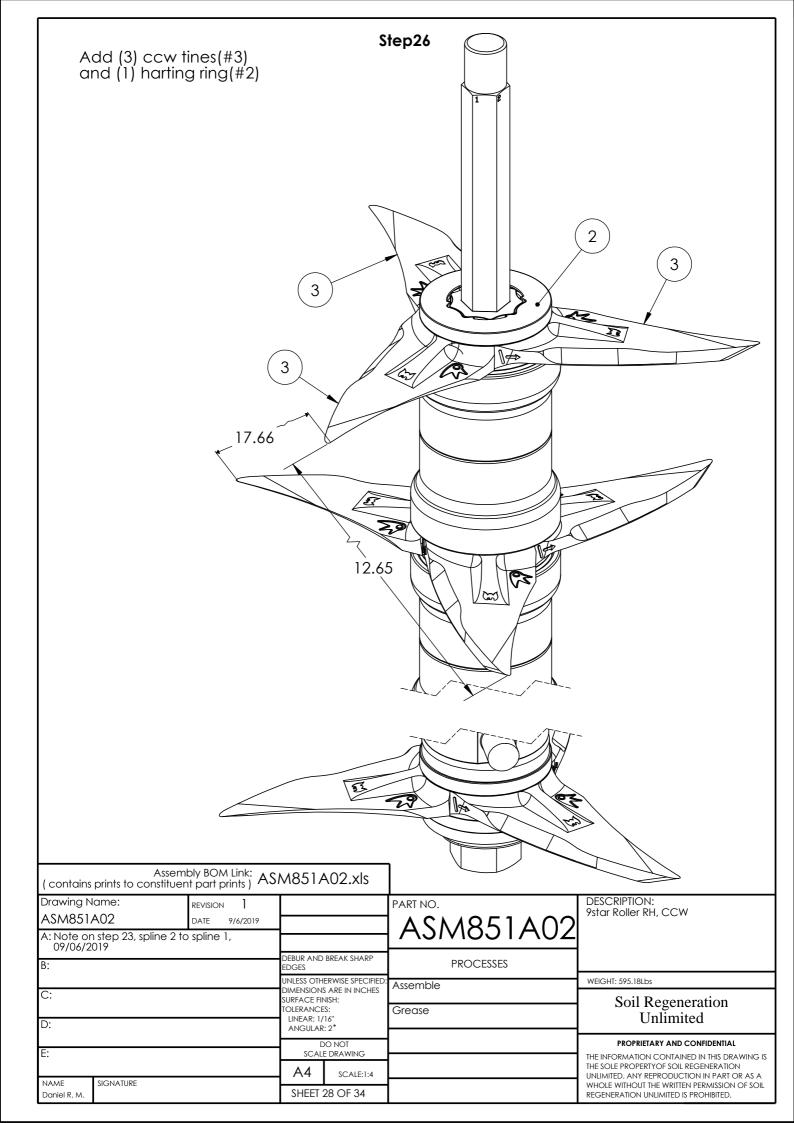


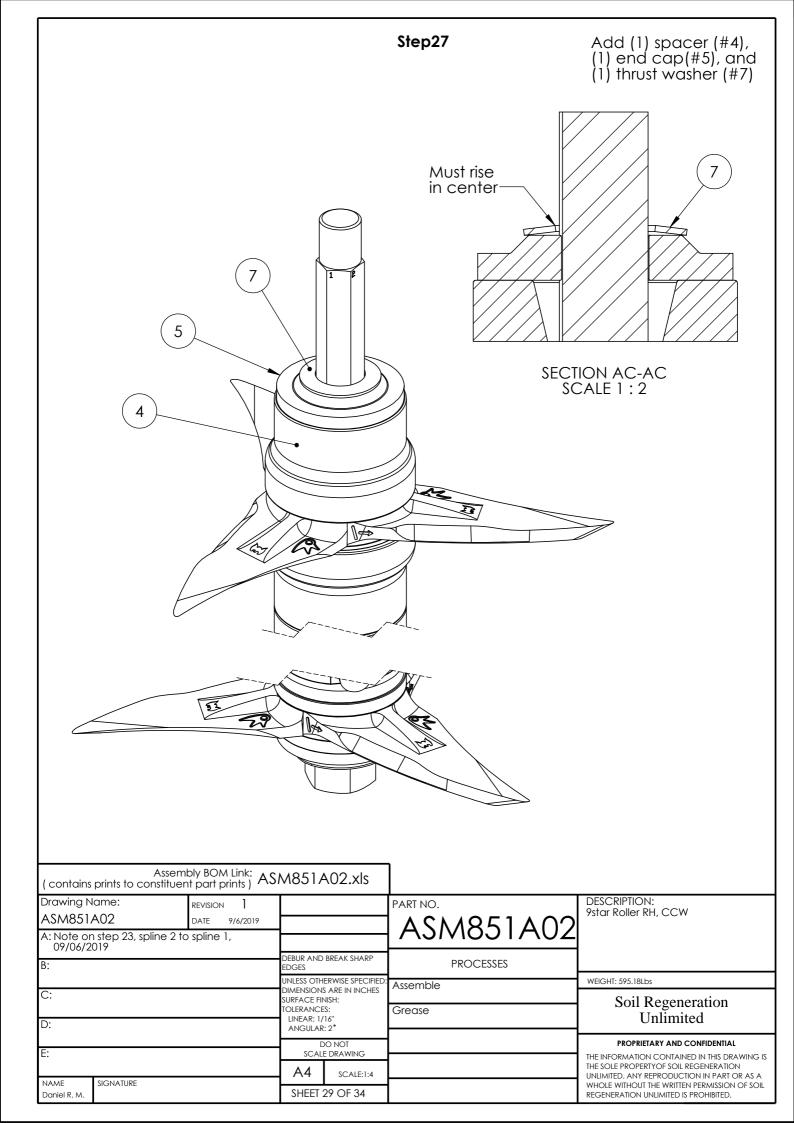


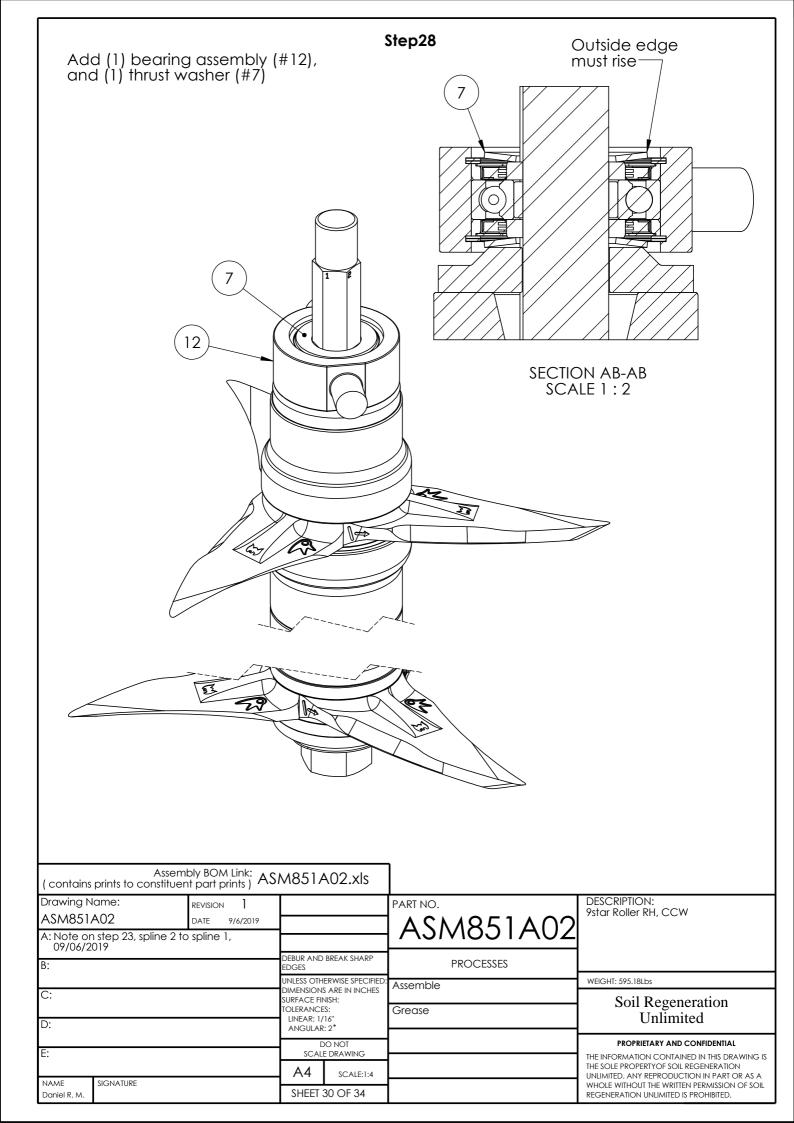


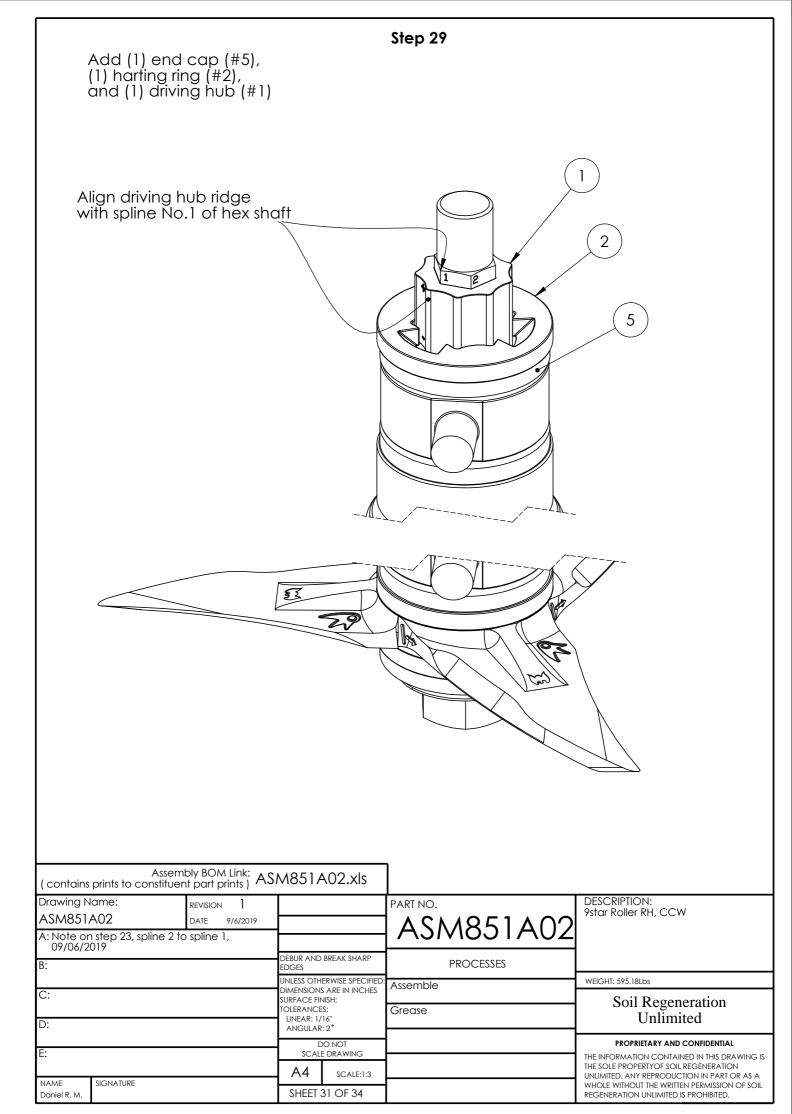


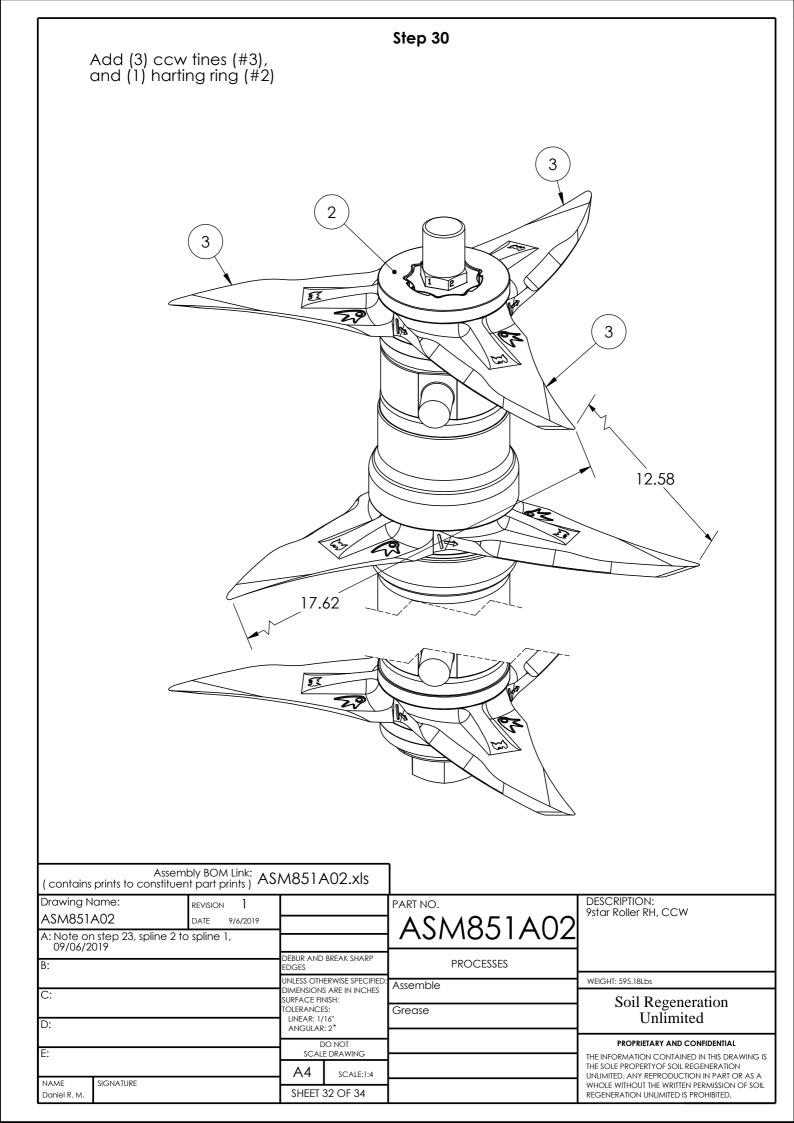


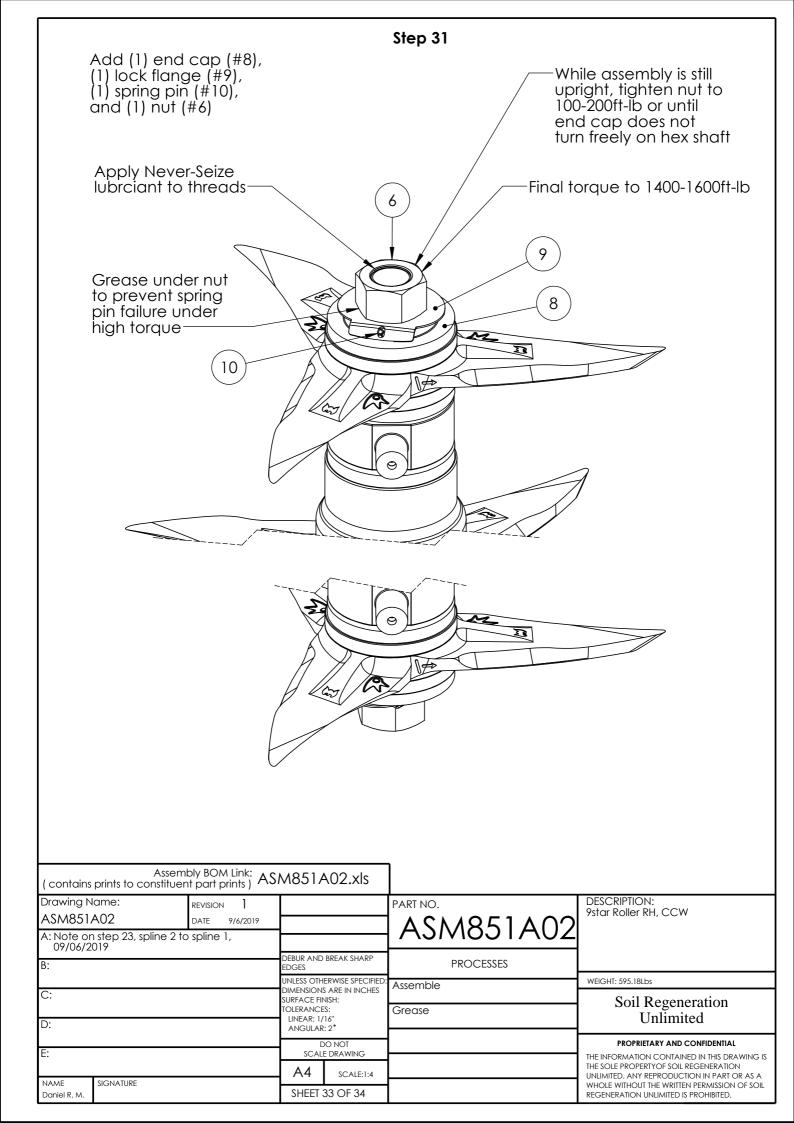




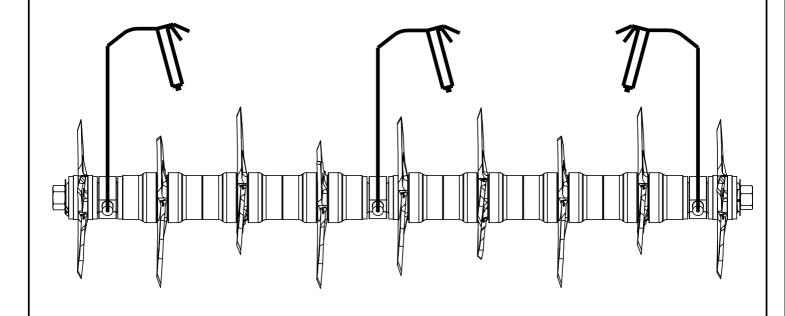








Before final tightening shaft to 1400-1600 ft-lbs, lube bearings with approx. 18 pumps of grease (or until grease appears), and be sure that bearings can **rotate freely.** 



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