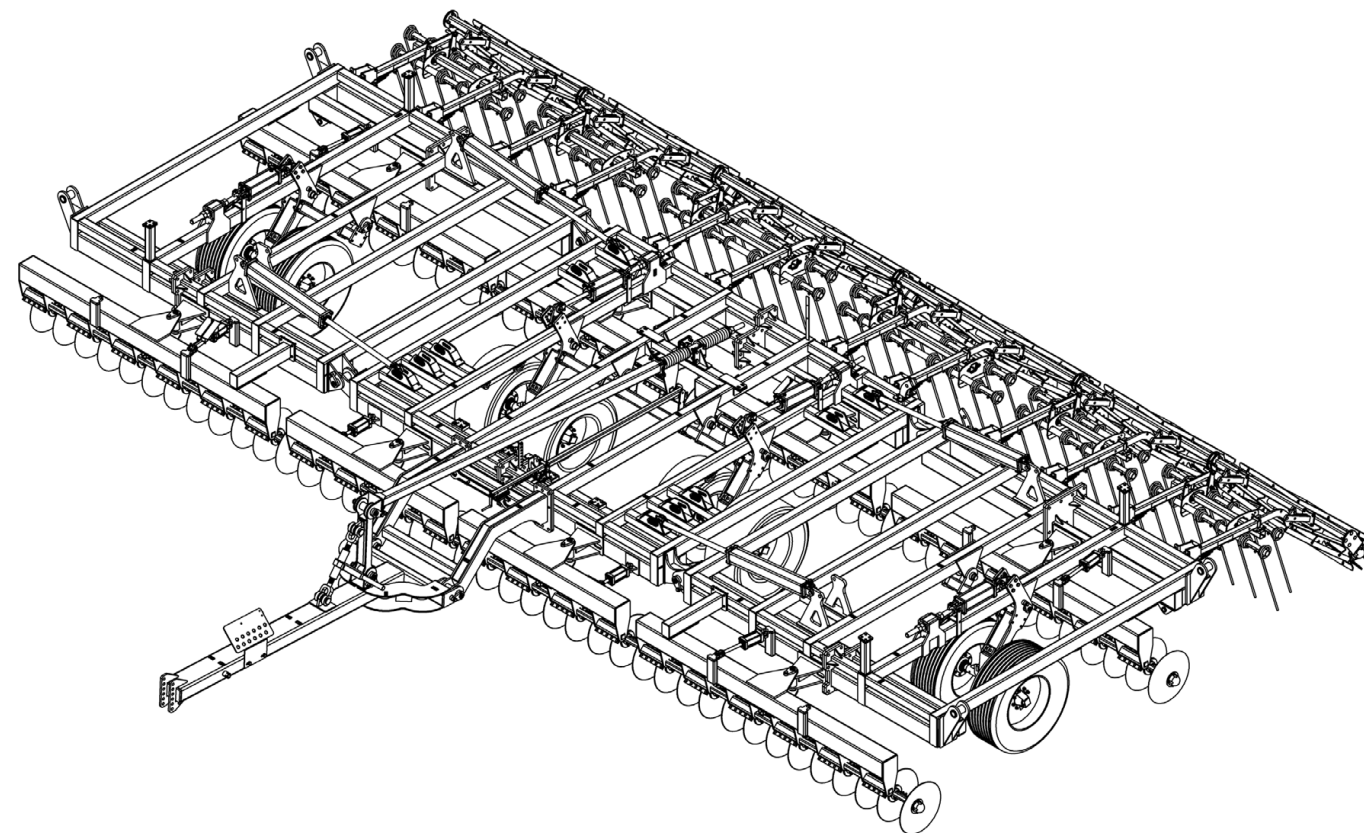




Coulter Disk with 9" Blade Spacing



PARTS BOOK

TABLE OF CONTENTS

Coulter Arms

Coulter Arm ASM 4

Coulter Hub ASM

 Coulter Hub Identification..... 5

 Coulter Hub - Old Style Casting and Seal Guard. 6

 Coulter Hub—New Style Casting and Seal Guard 7

Wheel Hubs

Wheel Hub 8K..... 8

Wheel Hub 12K (Used only on center frame section 48’ and larger)..... 9

Bogie Arms

Bogie Arm ASM 10

Cylinders

Cylinders 40’ units and smaller 11

Cylinders 48’ units and bigger 12

Hitch Leveler

Hitch Leveler..... 13

Hitch Leveler Spring ASM..... 14

Mounted Arms

Basket Only Arms 15

Standard Mounted Arms

 Standard Harrow Arm—Harrow Only 16

 Standard Harrow Arm—Basket and Harrow 18

Turnbuckle Adjust Arms 19

Double Basket Arms 21

TABLE OF CONTENTS

Mounted Harrows

6’ Harrow Section 23

8’ Harrow Section 25

10’ Harrow Section 27

Rolling Baskets

6’ Basket 29

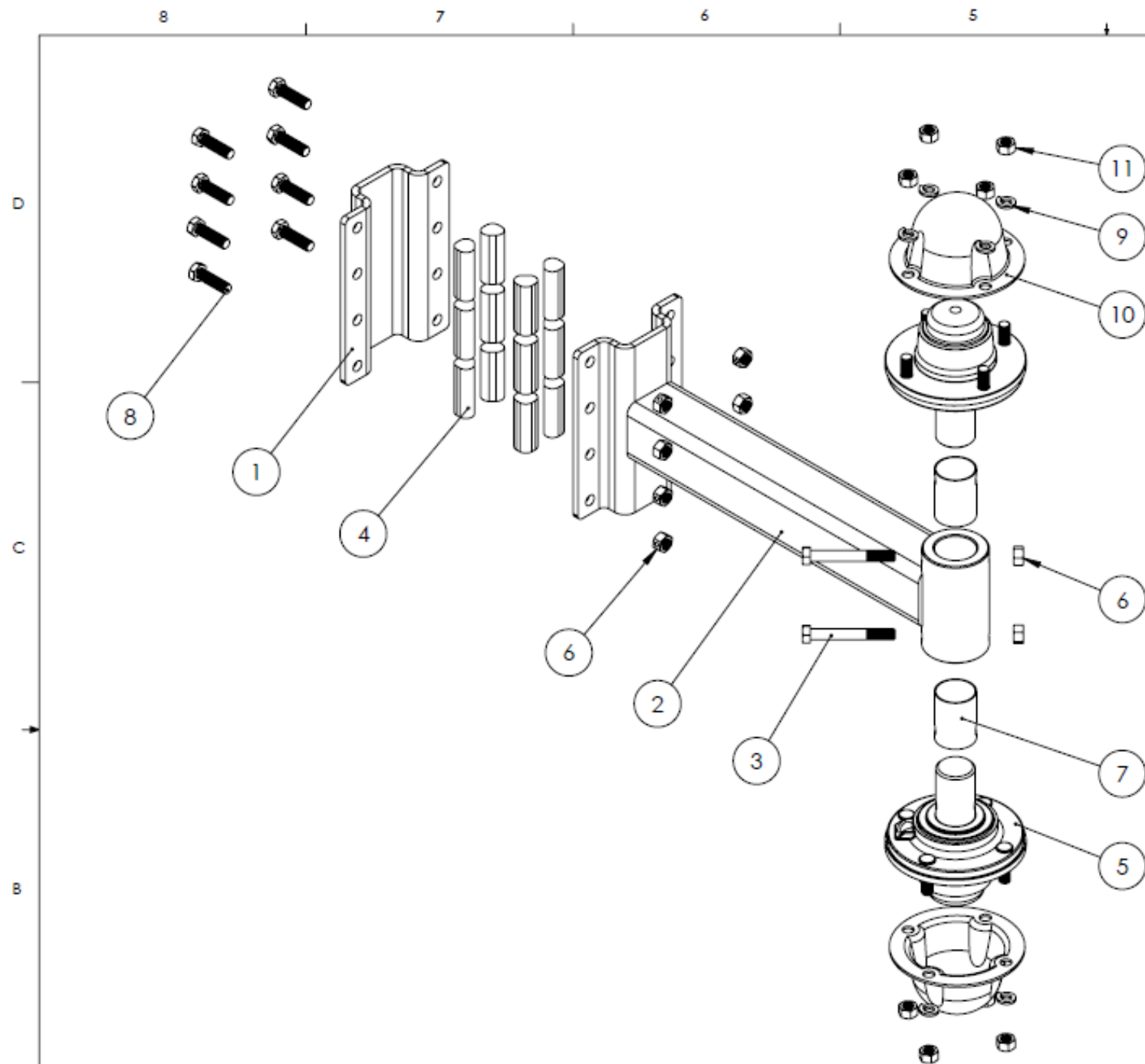
8’ Basket 30

10’ Basket 31

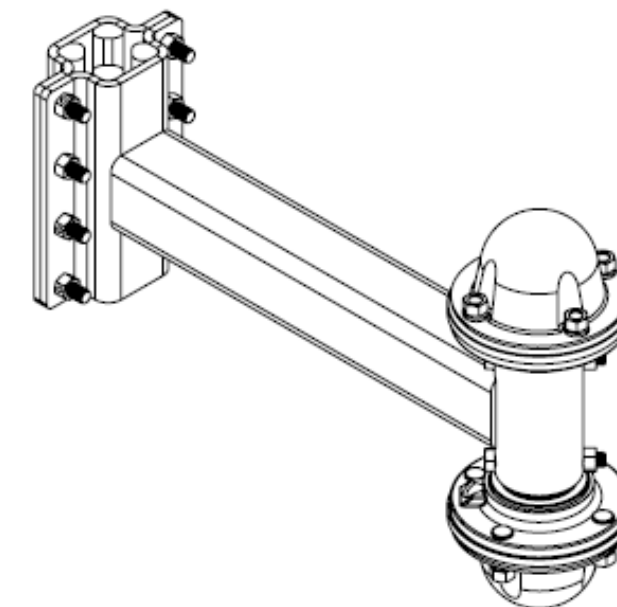
Misc

Hydraulic Hose Clamps 32

Rear Jack ASM 33



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	125220	CLTR Arm Clamp 9"	1
2	125221	CLTR Arm 9" Space	1
3	127305	Bolt 1/2-13x3-3/4 Grade 8 YZ Plated	2
4	125050	Torsion Rod .92x2-21/32 Round Polyurethane Shore A9	12
5	126863	CLTR HUB & SNGL END *SHORT SHAFT* SPNDL ASM	2
6	127290	Center Lock Nut 1/2-13	10
7	126611	Coulter Arm Spindle Bushing	2
8	120089	Bolt 1/2-13 x 1.750 GR8 PLTD	8
9	120155	WASHER SPLIT LOCK 1/2 ALLOY PLTD	8
10	123629	HARDHAT CLTR HUB	2
11	125063	Nut 1/2-20 GR5 PLTD	8



NOTES:

A - Item 6 uses new style hubs with recessed seal guards.

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING, INC. IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:		SCALE: 1:6	NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	SMA	1/20/2015
TOLERANCES:		CHECKED		
FRACTIONAL $\pm 1/8$		ENG APPR.		
ANGULAR: MACH ± 2		MFG APPR.		
BEND ± 2		Q.A.		
TWO PLACE DECIMAL $\pm .01$		COMMENTS:		
THREE PLACE DECIMAL $\pm .005$				
THIRD ANGLE				
MATERIAL				
FINISH				
NEXT ASSY	USED ON			
APPLICATION		DO NOT SCALE DRAWING		

DESCRIPTION: CLTR ARM ASM 9" SPACE		
SIZE	PART NUMBER:	REV
B	125219	
WEIGHT: 62.24		SHEET 1 OF 1

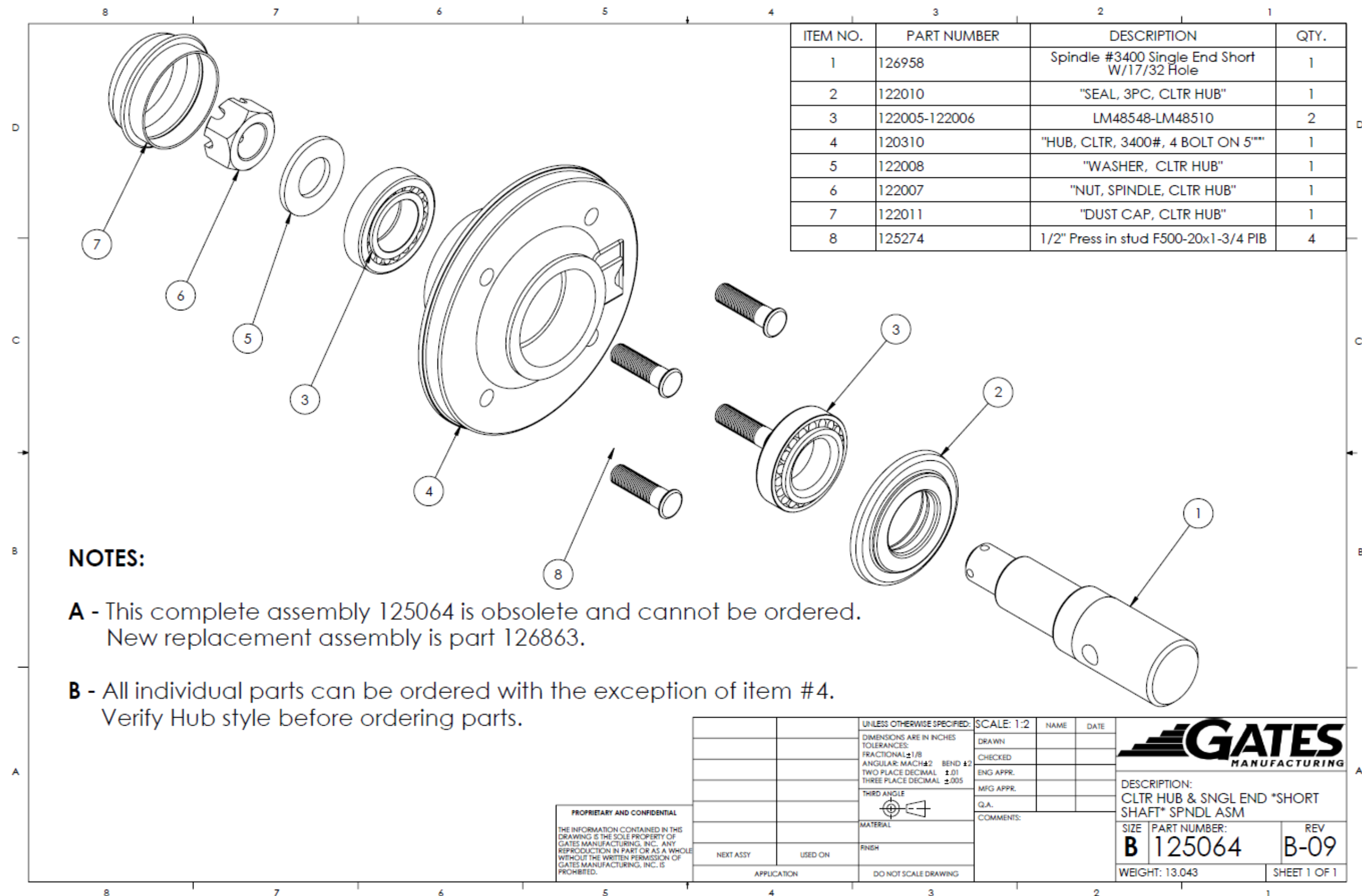
Verify hub style before ordering parts. The new style hub will have a face groove on back of hub to fit new style seal guard.

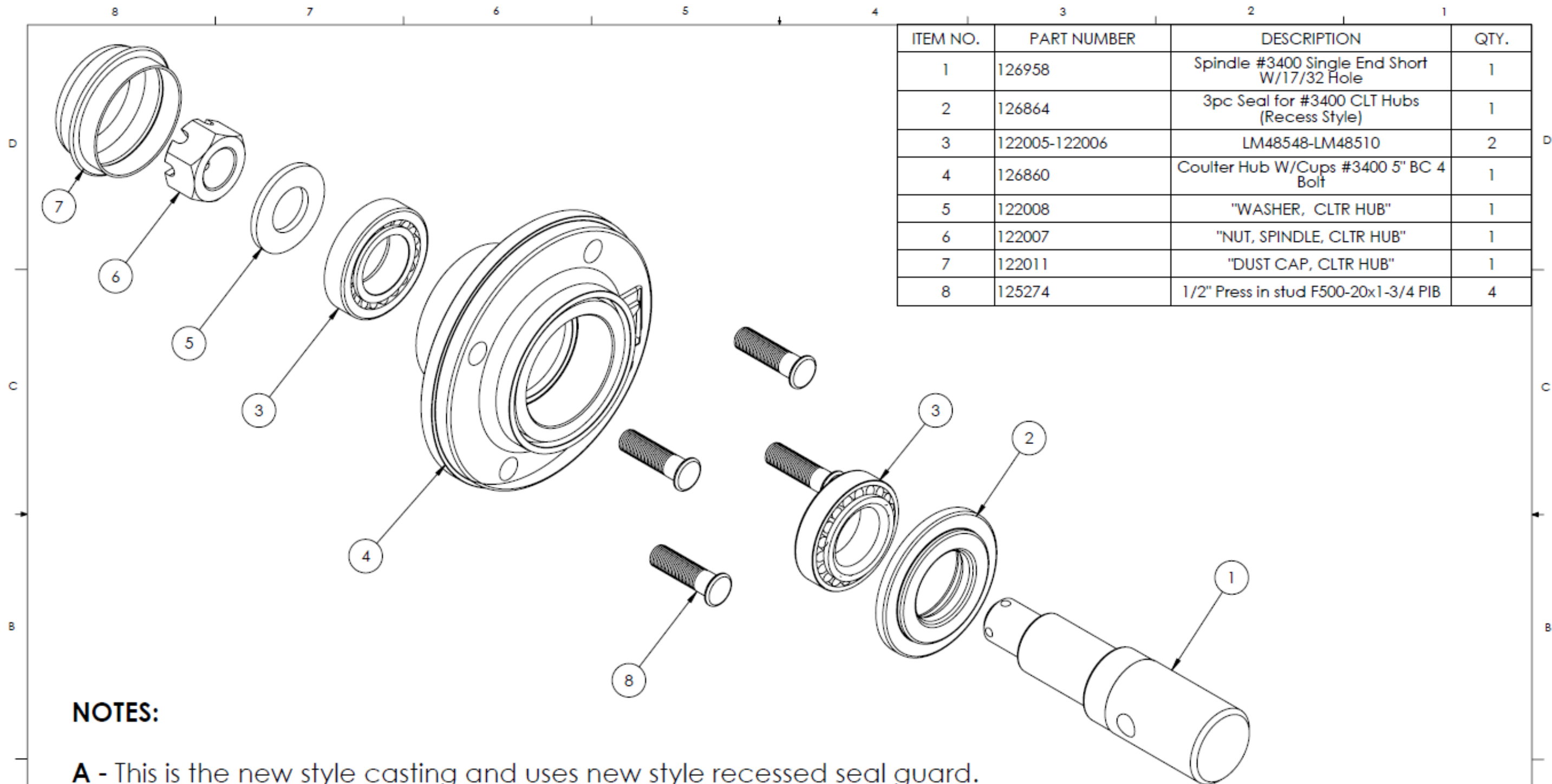


Used on assembly 125064



Used on assembly 126863





ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	126958	Spindle #3400 Single End Short W/17/32 Hole	1
2	126864	3pc Seal for #3400 CLT Hubs (Recess Style)	1
3	122005-122006	LM48548-LM48510	2
4	126860	Coulter Hub W/Cups #3400 5" BC 4 Bolt	1
5	122008	"WASHER, CLTR HUB"	1
6	122007	"NUT, SPINDLE, CLTR HUB"	1
7	122011	"DUST CAP, CLTR HUB"	1
8	125274	1/2" Press in stud F500-20x1-3/4 PIB	4

NOTES:

A - This is the new style casting and uses new style recessed seal guard.

B - This is a replacement assembly for 125064
Verify hub style before ordering parts.

PROPRIETARY AND CONFIDENTIAL

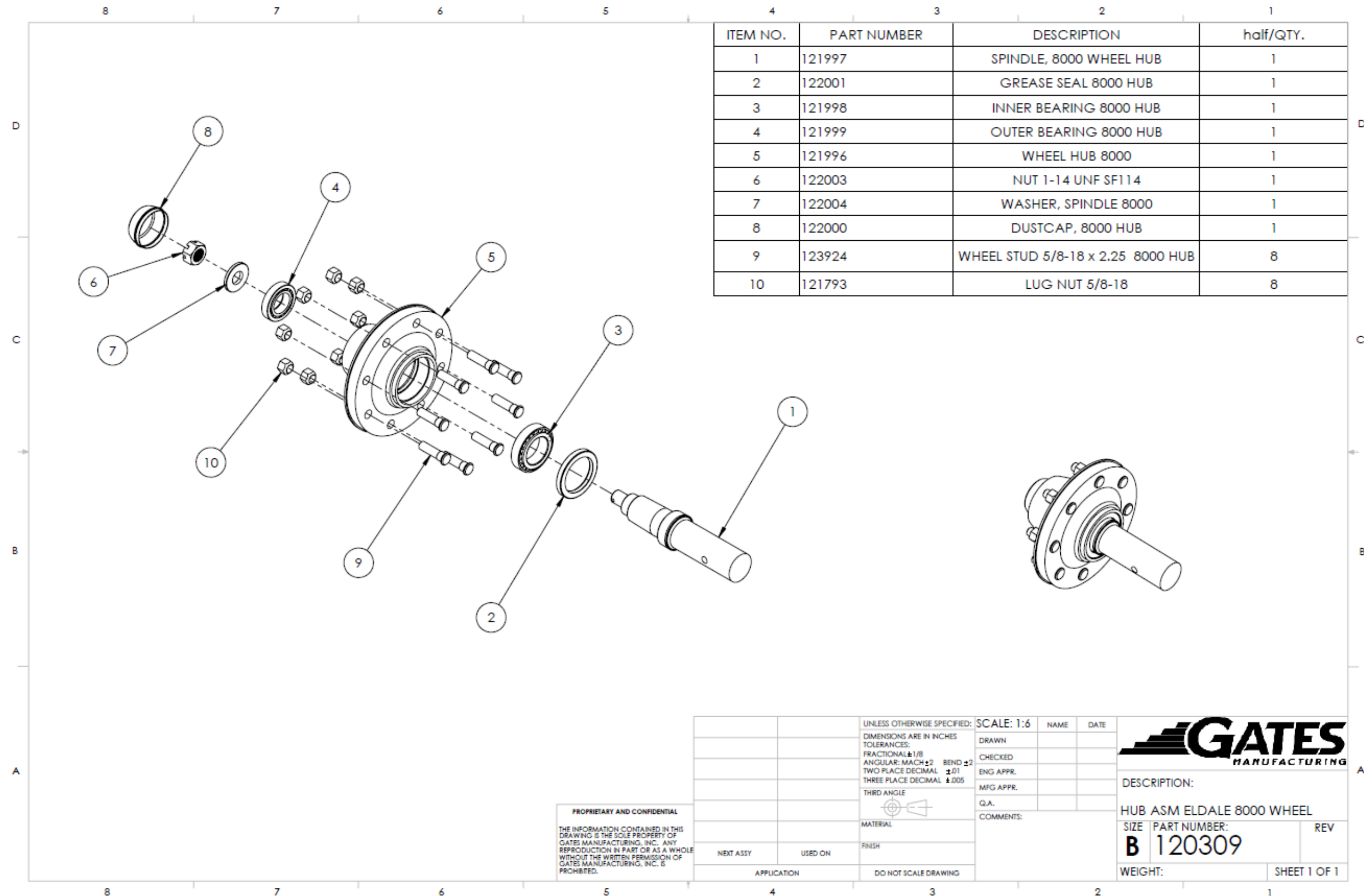
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING, INC. IS PROHIBITED.

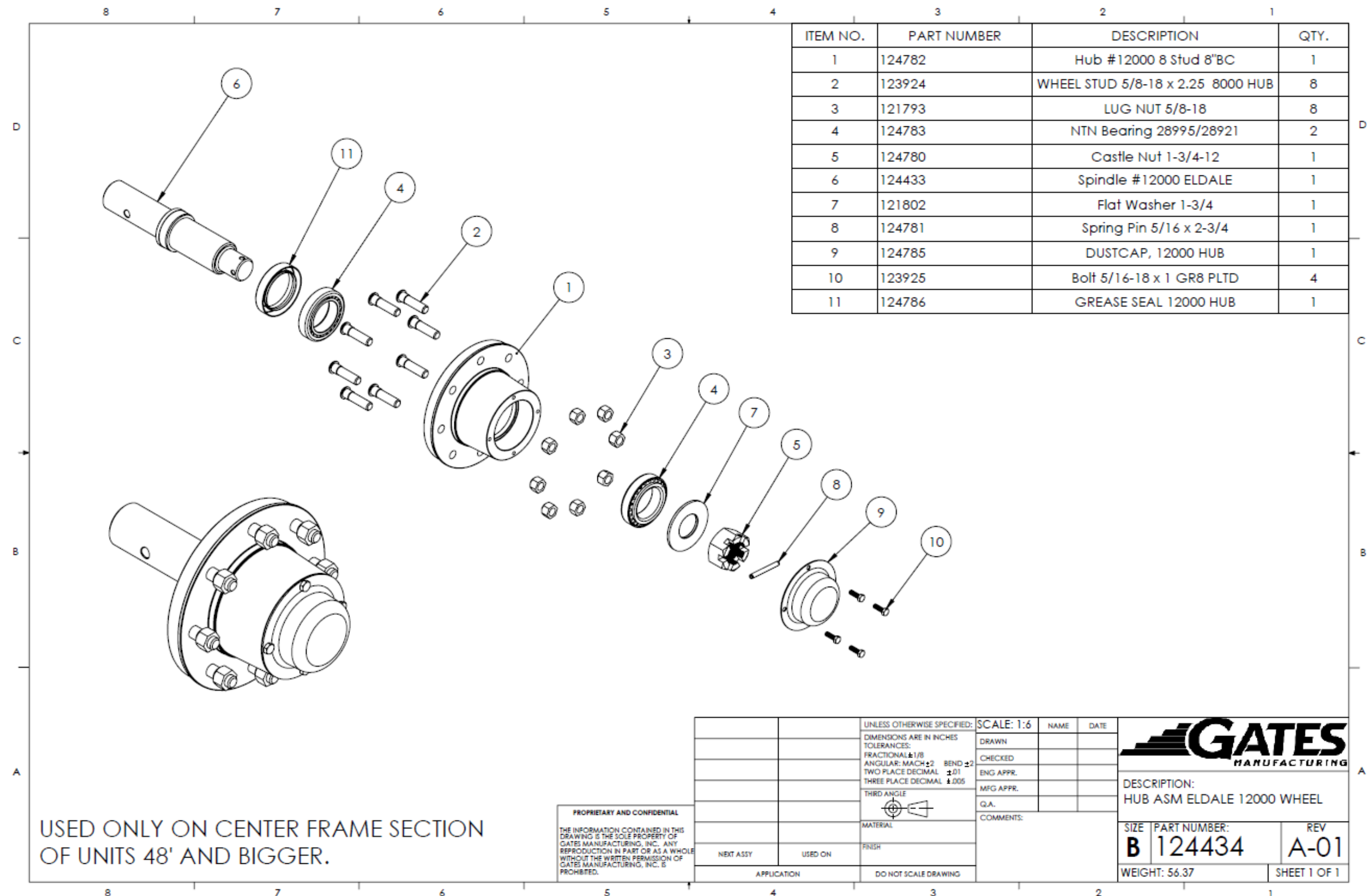
UNLESS OTHERWISE SPECIFIED:		SCALE: 1:2		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN			
TOLERANCES:		CHECKED			
FRACTIONAL: $\pm 1/8$		ENG APPR.			
ANGULAR: MACH ± 2 BEND ± 2		MFG APPR.			
TWO PLACE DECIMAL $\pm .01$		Q.A.			
THREE PLACE DECIMAL $\pm .005$		COMMENTS:			
THIRD ANGLE					
MATERIAL					
FINISH					
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			



DESCRIPTION:
CLTR HUB & SNGL END *SHORT
SHAFT* SPNDL ASM

SIZE	PART NUMBER:	REV
B	126863	A-06
WEIGHT: 12.227		SHEET 1 OF 1

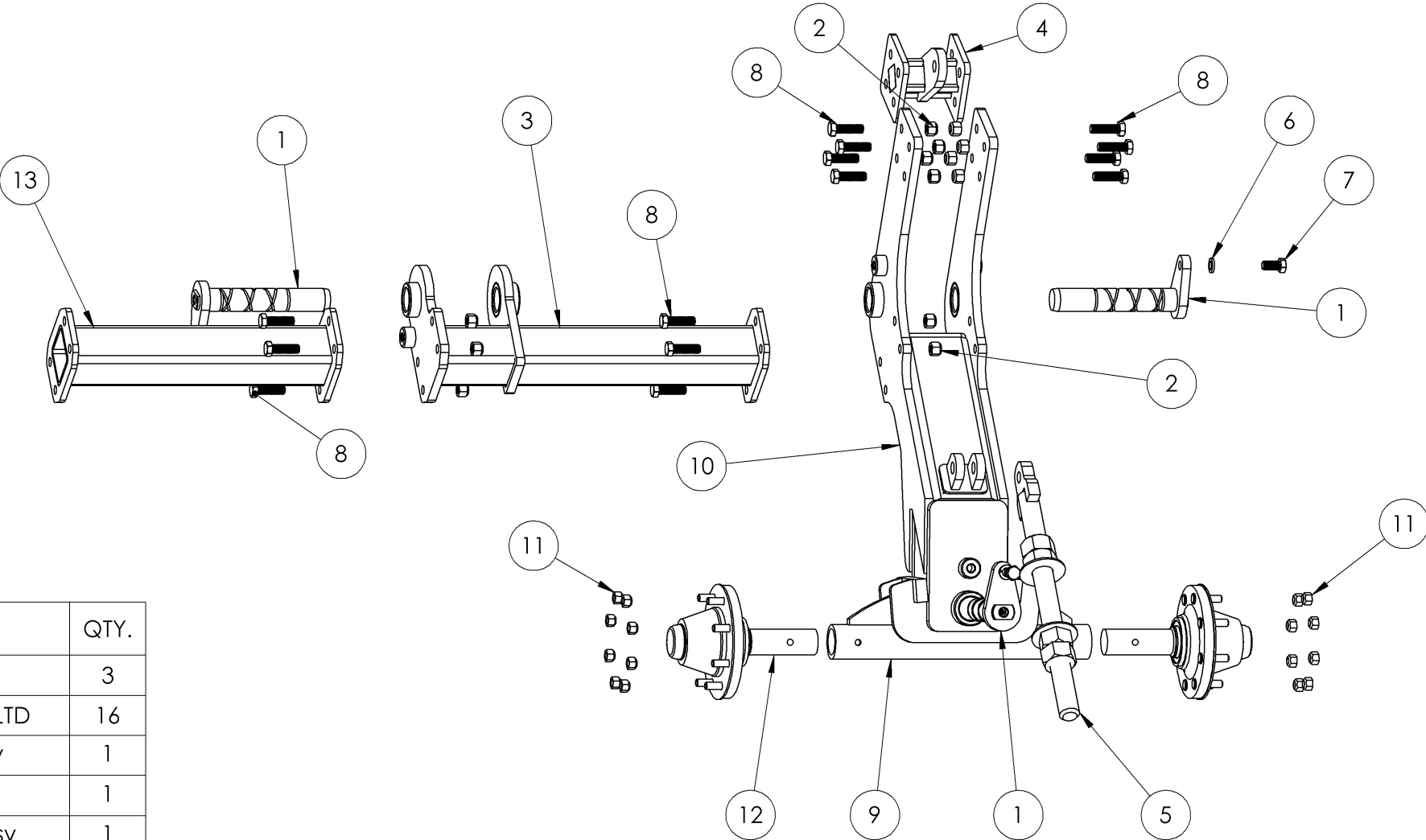




Notes:

A - ITEM 12 - On units 48' and bigger. Use 124434 on main center section only (4 Places).
Use 120309 on all others models and locations.

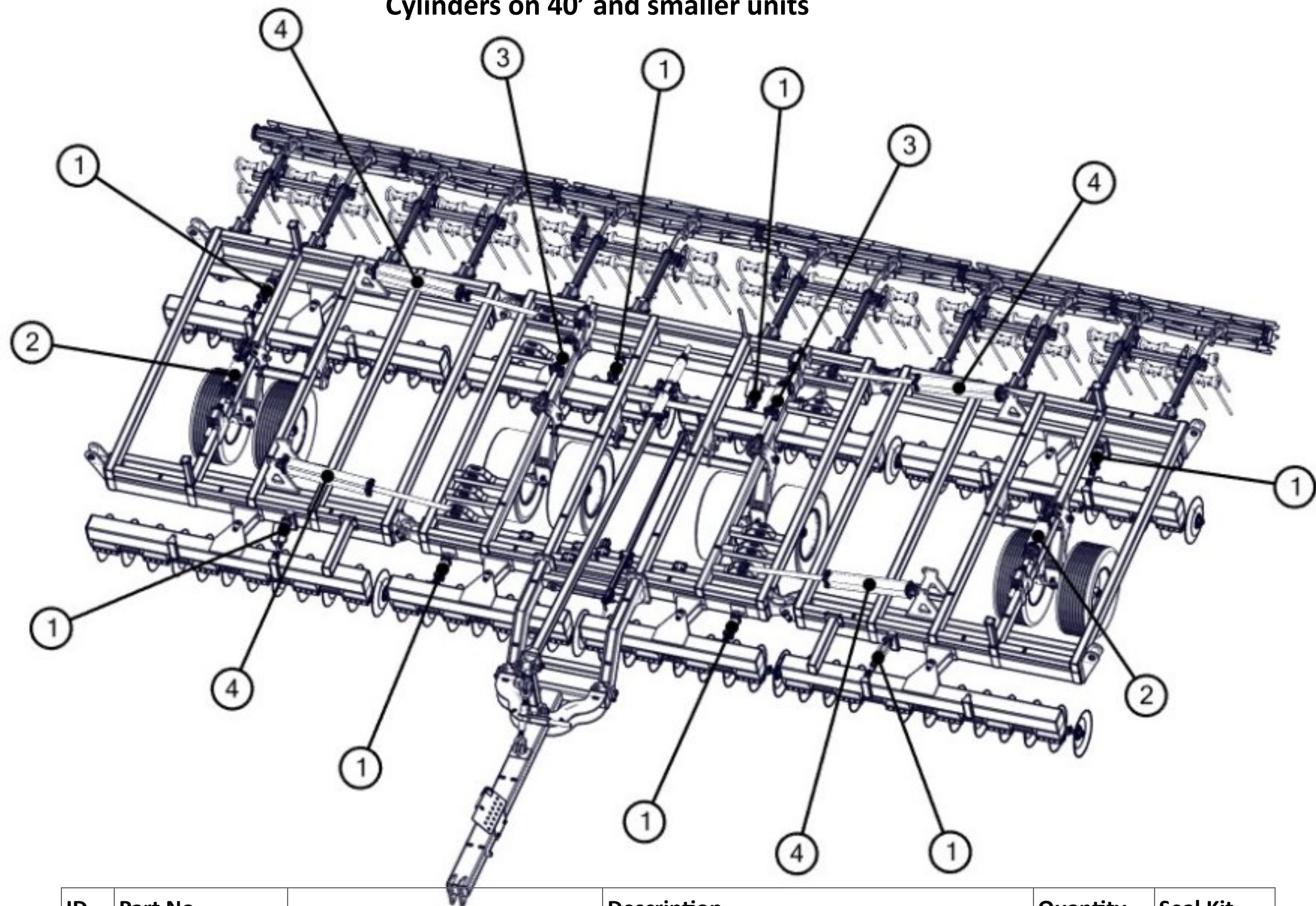
B - ITEM 13 - Use 123405 for 12" space units and 125247 for 9" space units.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	123197	Grease Pin 2"	3
2	120140	NUT NYLOCK 3/4-10 GR5 PLTD	16
3	123309	Bogie Cross Support Assy	1
4	123334	Bogie Lift Block Assy	1
5	123314	Bogie Adjustment Rod Assy	1
6	120156	Washer 3/4 Split Lock Clr Plt	3
7	124146	Bolt 3/4-10 x 1-1/2 Gr 5 Clear Plate	3
8	121142	Bolt 3/4-10 x 2-1/2 GR5 PLTD	16
9	123379	DBL Coulter Axle Weldment	1
10	123308	Bogie Arm Assy	1
11	121793	LUG NUT 5/8-18	16
12	Note A	Hub Spindle Assembly	2
13	Note B	Bogie Cross Tube ASM	1

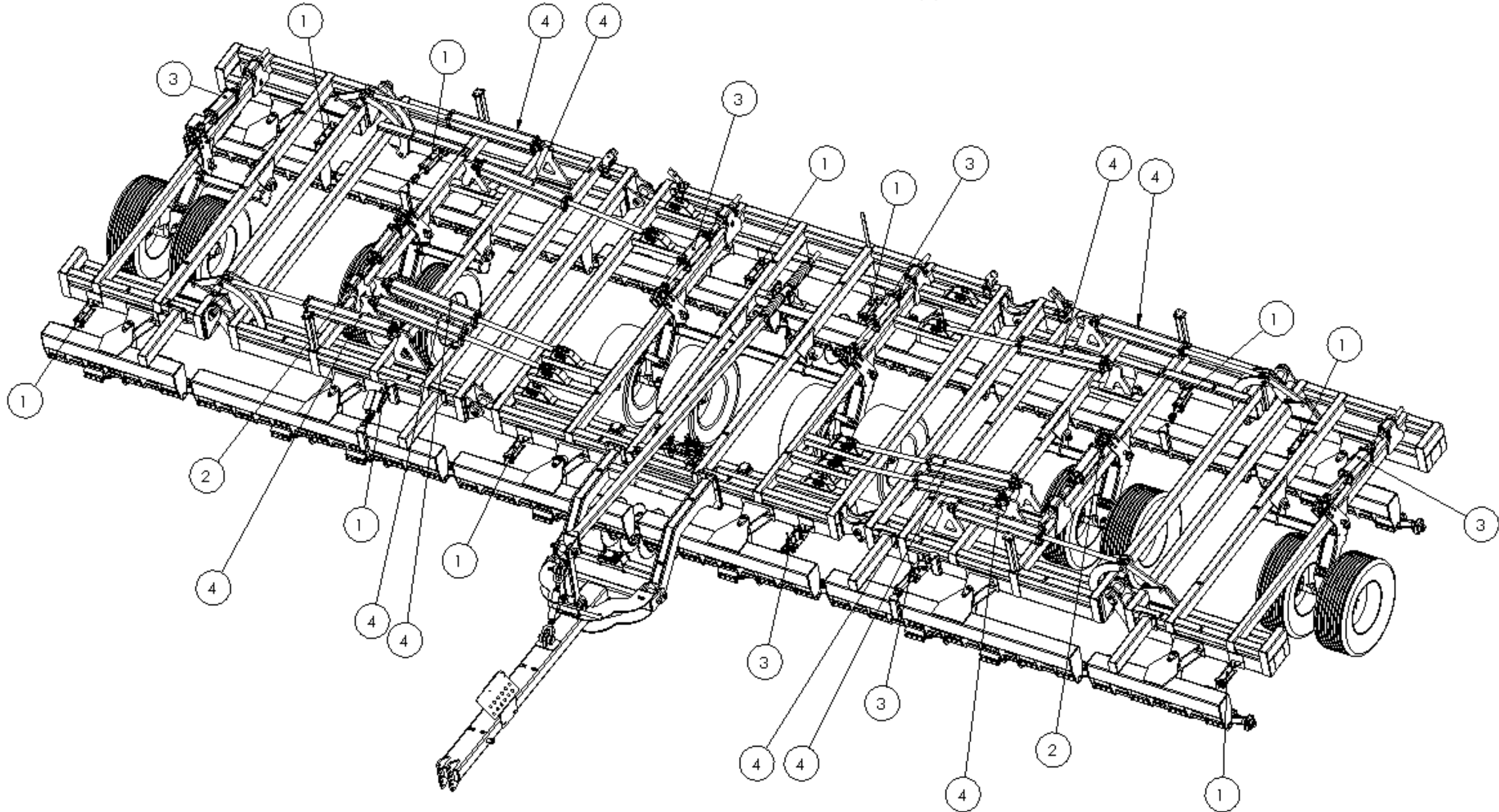
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING, INC. IS PROHIBITED.		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/8$ ANGULAR: MACH ± 2 BEND ± 2 TWO PLACE DECIMAL $\pm .01$ THREE PLACE DECIMAL $\pm .005$ THIRD ANGLE  MATERIAL FINISH DO NOT SCALE DRAWING		SCALE: 1:12	NAME	DATE
NEXT ASSY		USED ON		DRAWN		
				CHECKED		
				ENG APPR.		
				MFG APPR.		
				Q.A.		
				COMMENTS:		
						
DESCRIPTION: Series II Bogie Assembly						
SIZE B	PART NUMBER:			REV		
WEIGHT:				SHEET 1 OF 1		

Cylinders on 40' and smaller units

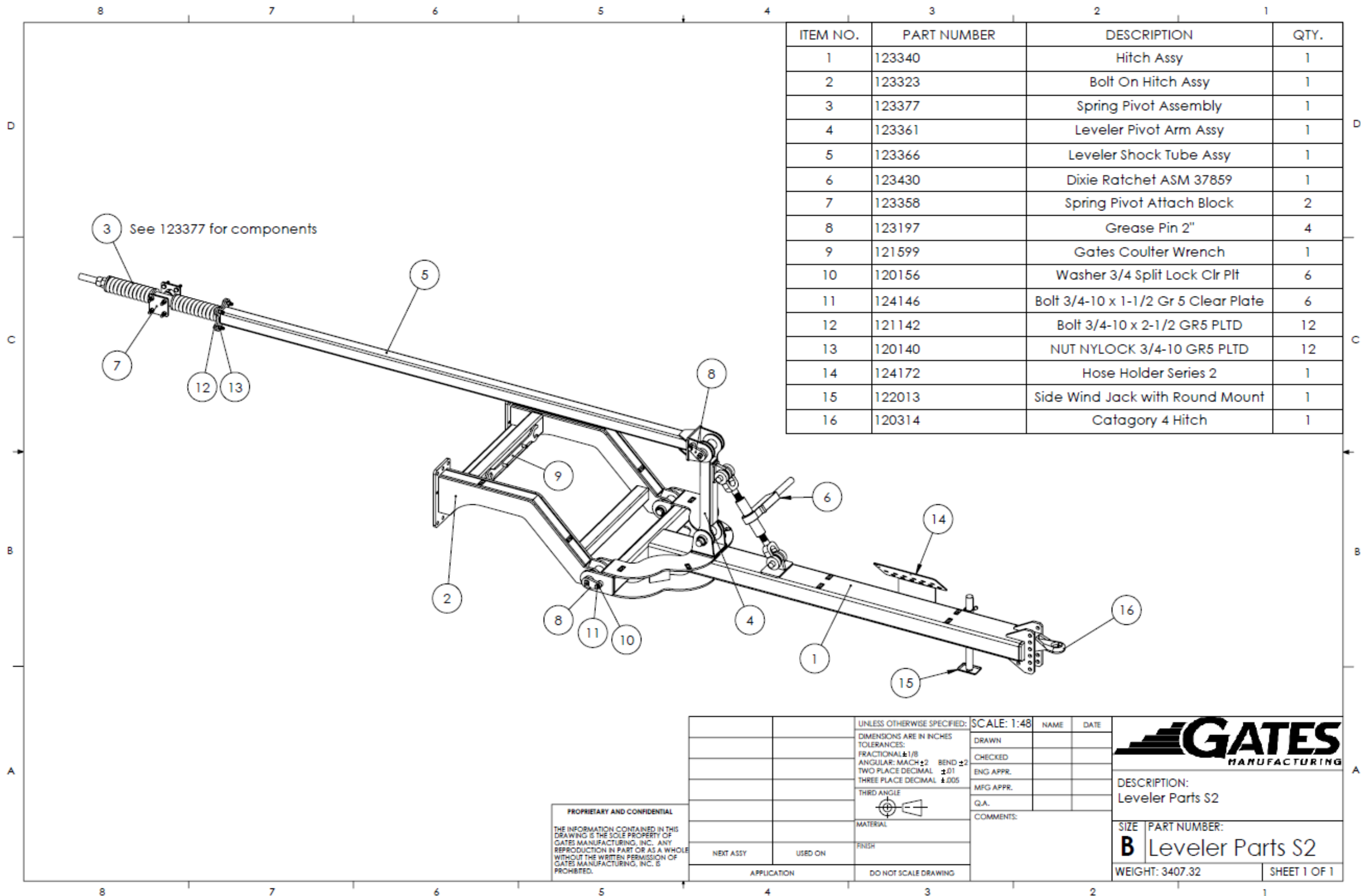


ID	Part No.		Description	Quantity	Seal Kit
1	121824	BW-0204	Cylinder 3 x 6 Double Rephase	8	121824
2	124089	BT-0226	Cylinder 5 x 12 Reverse Rephase	2	124367
3	123980	PMS-AM-2534	Cylinder 5 X 12 Standard Rephase	2	124367
4	121849	B500360ACDDA07B	Cylinder 5 x 36 x 2 Rod	4	124023

Cylinder locations on 48' and bigger units



ID	Part No.		Description	Quantity	Seal Kit
1	121824	BW-0204	Cylinder 3 x 6 Double Rephase	12	120178
2	124089	BT-0226	Cylinder 5 x 12 Reverse Rephase	2	124367
3	123980	PMS-AM-2534	Cylinder 5 X 12 Standard Rephase	4	124367
4	121849	B500360ACDDA07B	Cylinder 5 x 36 x 2 Rod	10	124023



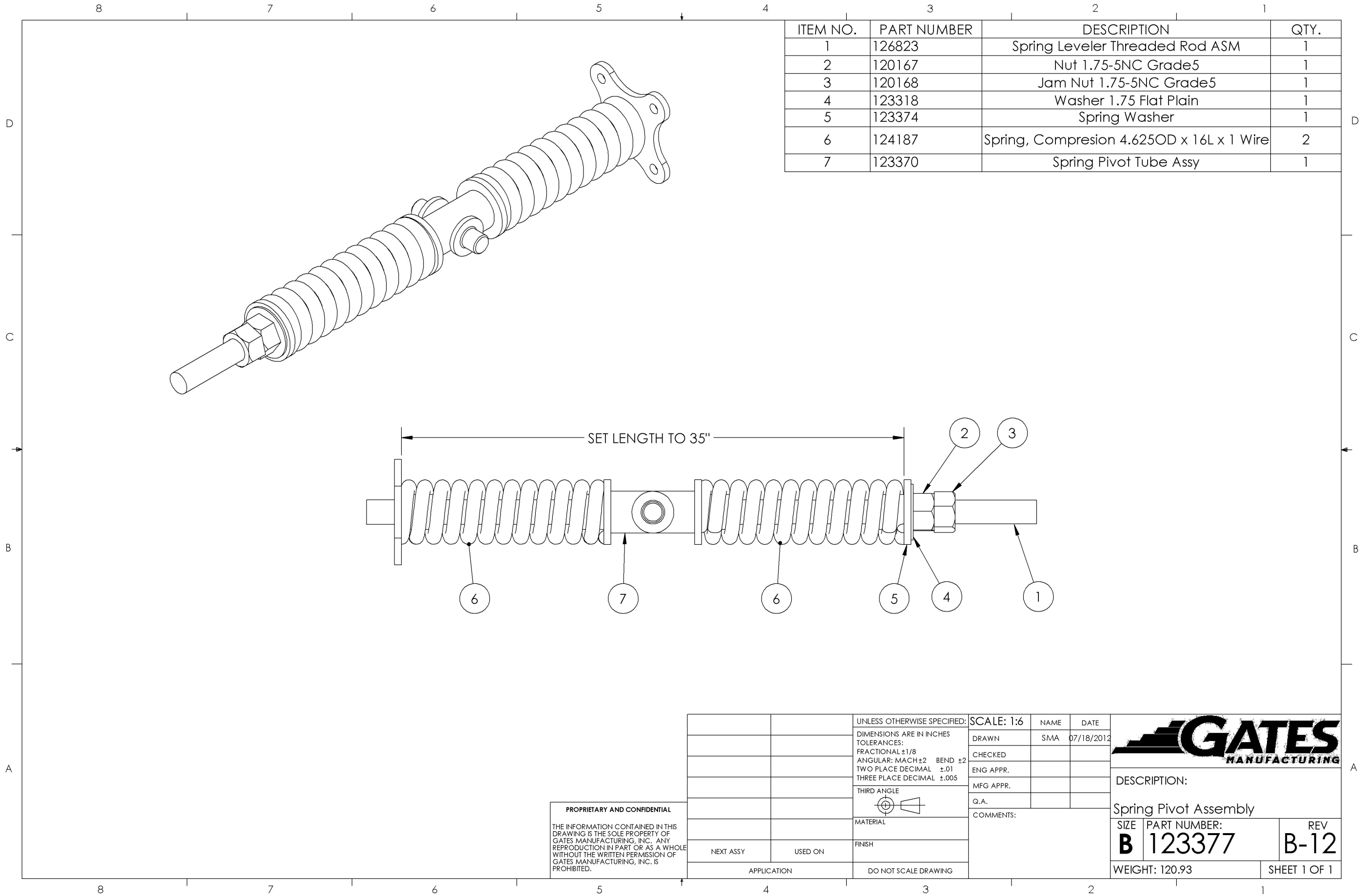
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	123340	Hitch Assy	1
2	123323	Bolt On Hitch Assy	1
3	123377	Spring Pivot Assembly	1
4	123361	Leveler Pivot Arm Assy	1
5	123366	Leveler Shock Tube Assy	1
6	123430	Dixie Ratchet ASM 37859	1
7	123358	Spring Pivot Attach Block	2
8	123197	Grease Pin 2"	4
9	121599	Gates Coulter Wrench	1
10	120156	Washer 3/4 Split Lock Clr Plt	6
11	124146	Bolt 3/4-10 x 1-1/2 Gr 5 Clear Plate	6
12	121142	Bolt 3/4-10 x 2-1/2 GR5 PLTD	12
13	120140	NUT NYLOCK 3/4-10 GR5 PLTD	12
14	124172	Hose Holder Series 2	1
15	122013	Side Wind Jack with Round Mount	1
16	120314	Catagory 4 Hitch	1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
GATES MANUFACTURING, INC.. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
GATES MANUFACTURING, INC. IS
PROHIBITED.

UNLESS OTHERWISE SPECIFIED:		SCALE: 1:48	NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN		
TOLERANCES:		CHECKED		
FRACTIONAL: $\pm 1/8$		ENG APPR.		
ANGULAR: MACH ± 2 BEND ± 2		MFG APPR.		
TWO PLACE DECIMAL $\pm .01$		Q.A.		
THREE PLACE DECIMAL $\pm .005$		COMMENTS:		
THIRD ANGLE				
MATERIAL				
FINISH				
NEXT ASSY	USED ON			
APPLICATION		DO NOT SCALE DRAWING		

DESCRIPTION:
Leveler Parts S2

SIZE	PART NUMBER:
B	Leveler Parts S2
WEIGHT: 3407.32	
SHEET 1 OF 1	

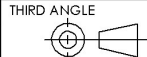


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	126823	Spring Leveler Threaded Rod ASM	1
2	120167	Nut 1.75-5NC Grade5	1
3	120168	Jam Nut 1.75-5NC Grade5	1
4	123318	Washer 1.75 Flat Plain	1
5	123374	Spring Washer	1
6	124187	Spring, Compresion 4.625OD x 16L x 1 Wire	2
7	123370	Spring Pivot Tube Assy	1

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING, INC. IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL $\pm 1/8$
ANGULAR: MACH ± 2 BEND ± 2
TWO PLACE DECIMAL $\pm .01$
THREE PLACE DECIMAL $\pm .005$



THIRD ANGLE

MATERIAL

FINISH

SCALE: 1:6

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:

NAME
DATE

SMA 07/18/2012



DESCRIPTION:

Spring Pivot Assembly

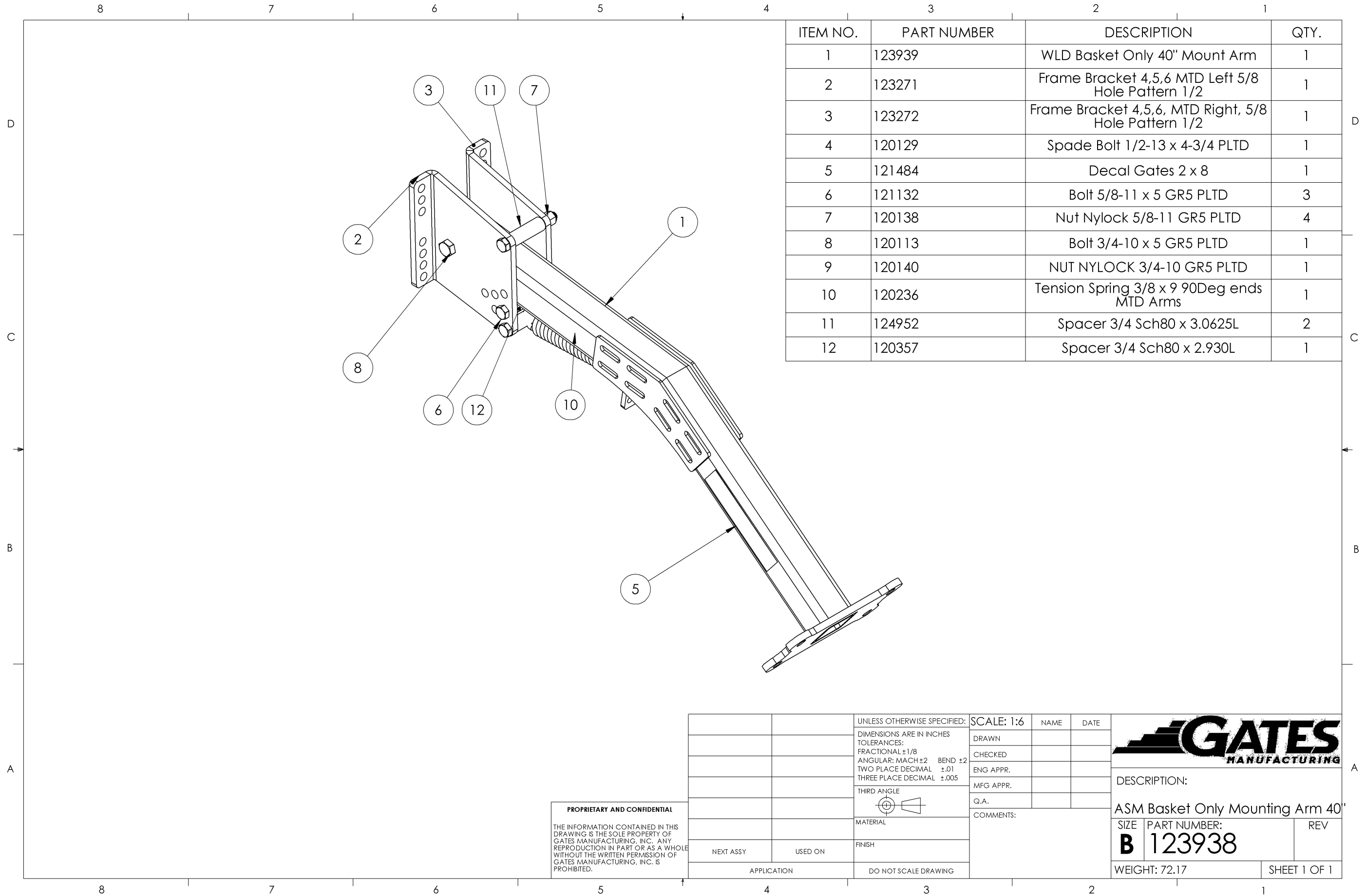
SIZE
B

PART NUMBER:
123377

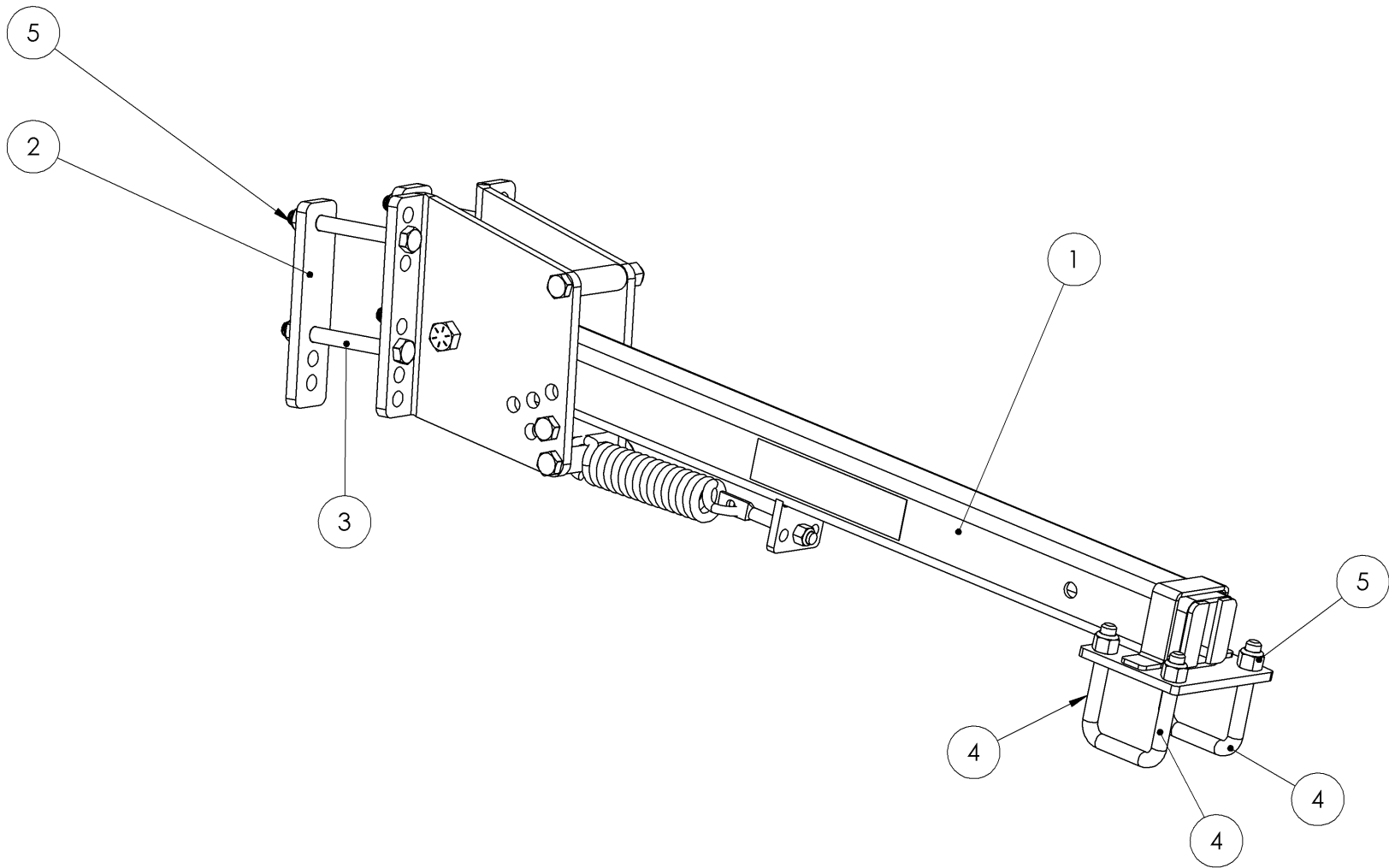
REV
B-12

WEIGHT: 120.93

SHEET 1 OF 1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	123208	MOUNTED ARM ASM 40", 4, 5, 6, FRAME BRACKET	1
2	120324	Backing Plate 4,5,6	2
3	120103	Bolt 5/8-11 x 6 GR8 PLTD	4
4	120128	U-Bolt 5/8-11 x 3 x 4-1/2 SQR Bend PLTD	2
5	120138	Nut Nylock 5/8-11 GR5 PLTD	8



PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING, INC. IS PROHIBITED.

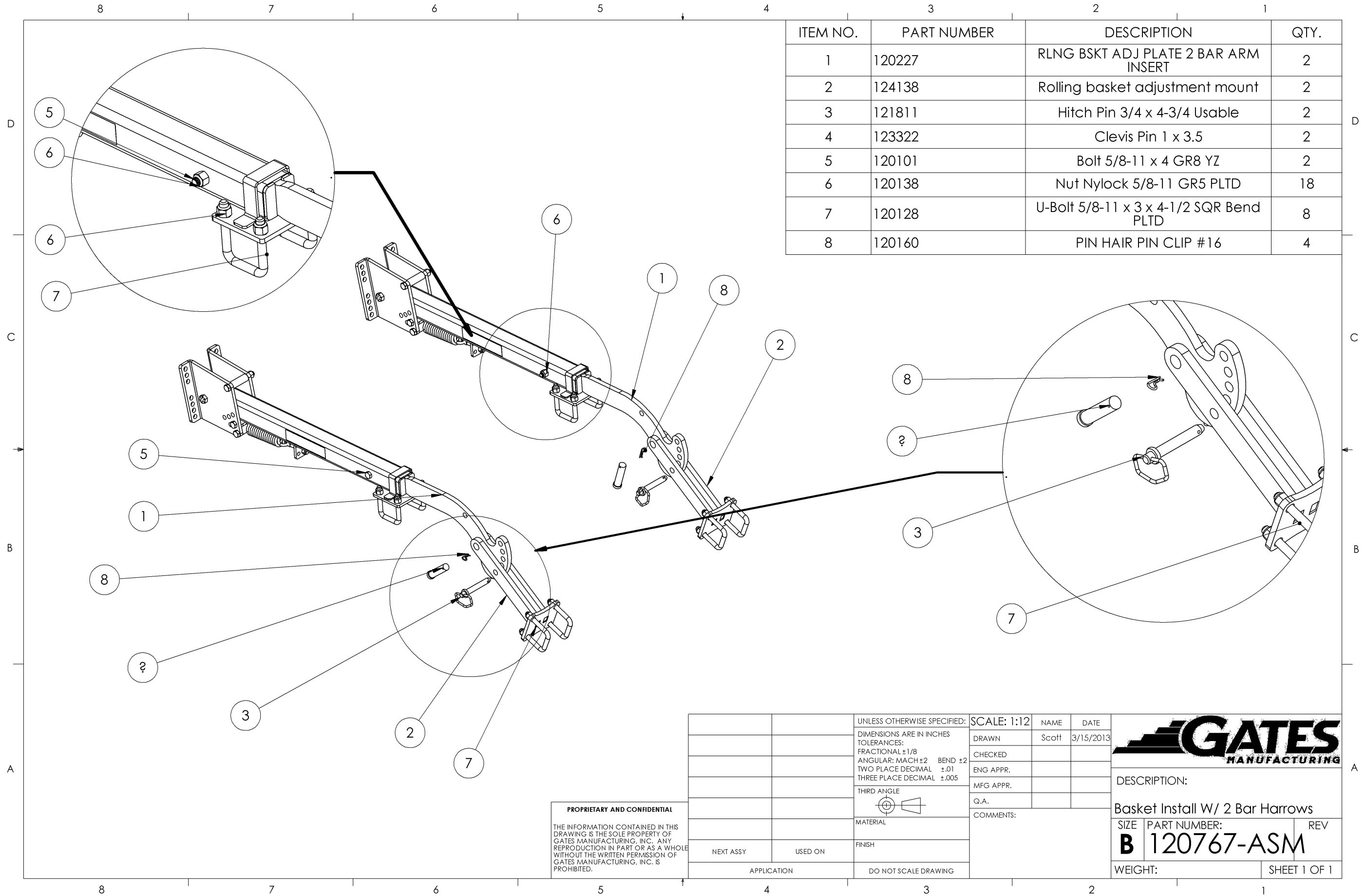
		UNLESS OTHERWISE SPECIFIED:	SCALE: 1:6	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Britta	1-21-2015
		TOLERANCES:	CHECKED		
		FRACTIONAL $\pm 1/8$	ENG APPR.		
		ANGULAR: MACH ± 2 BEND ± 2	MFG APPR.		
		TWO PLACE DECIMAL $\pm .01$	Q.A.		
		THREE PLACE DECIMAL $\pm .005$	COMMENTS:		
		THIRD ANGLE			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

DESCRIPTION:
Mounted Arm 40" 4,5,6 with 4"
Tube Mounting Hardware

SIZE	PART NUMBER:	REV
B	120382	

WEIGHT: 65.86

SHEET 1 OF 1



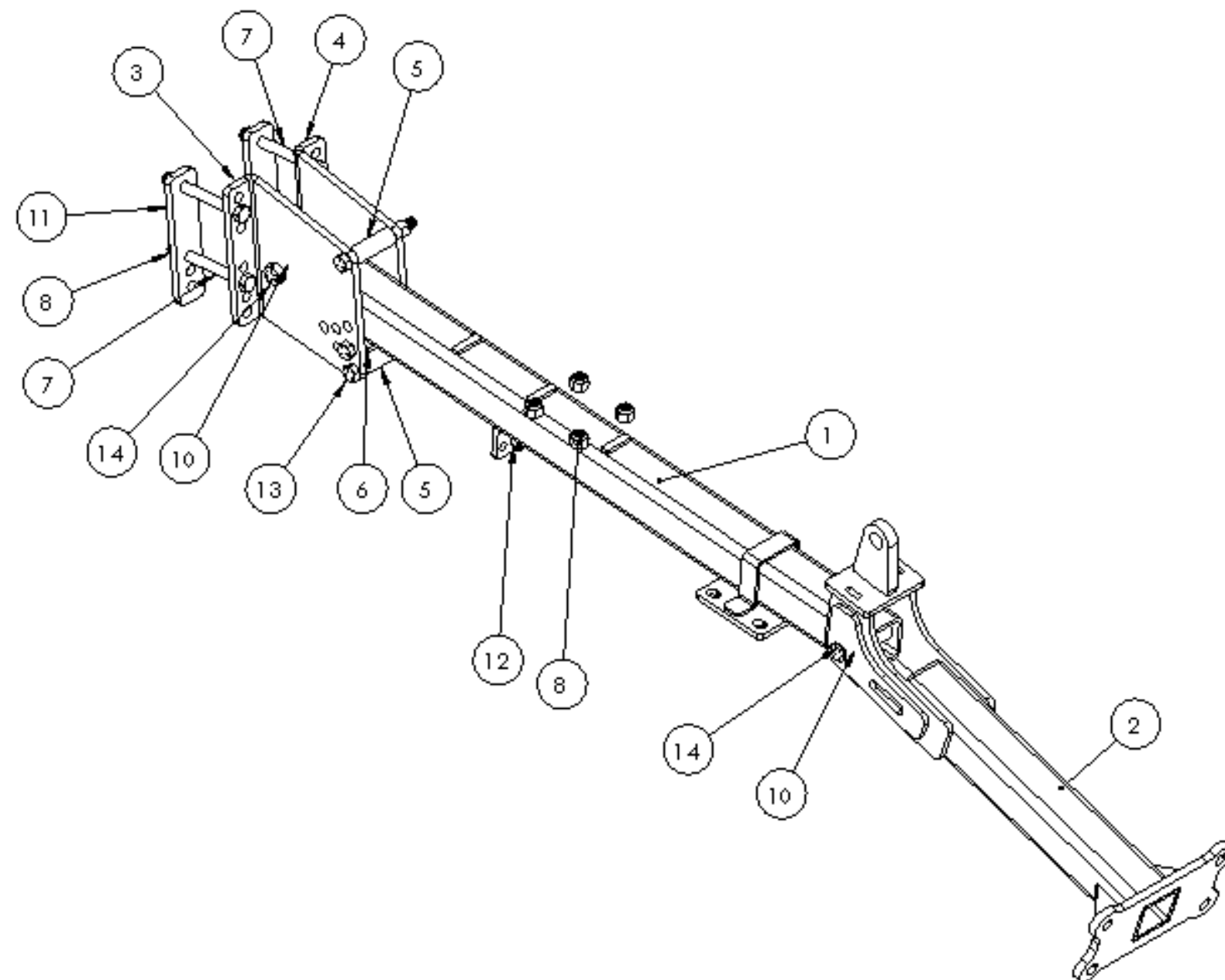
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	120227	RLNG BSKT ADJ PLATE 2 BAR ARM INSERT	2
2	124138	Rolling basket adjustment mount	2
3	121811	Hitch Pin 3/4 x 4-3/4 Usable	2
4	123322	Clevis Pin 1 x 3.5	2
5	120101	Bolt 5/8-11 x 4 GR8 YZ	2
6	120138	Nut Nylock 5/8-11 GR5 PLTD	18
7	120128	U-Bolt 5/8-11 x 3 x 4-1/2 SQR Bend PLTD	8
8	120160	PIN HAIR PIN CLIP #16	4

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING, INC. IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		SCALE: 1:12	NAME	DATE
		DIMENSIONS ARE IN INCHES		DRAWN	Scott	3/15/2013
		TOLERANCES:		CHECKED		
		FRACTIONAL ±1/8		ENG APPR.		
		ANGULAR: MACH ±2 BEND ±2		MFG APPR.		
		TWO PLACE DECIMAL ±.01		Q.A.		
		THREE PLACE DECIMAL ±.005		COMMENTS:		
		THIRD ANGLE				
		MATERIAL				
		FINISH				
NEXT ASSY	USED ON					
APPLICATION		DO NOT SCALE DRAWING				

DESCRIPTION:		
Basket Install W/ 2 Bar Harrows		
SIZE	PART NUMBER:	REV
B	120767-ASM	
WEIGHT:		SHEET 1 OF 1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	124764	Hyd Basket Lift Arm - Harrow Side	1
2	124766	MTD Hyd Basket Lift Basket Side	1
3	123271	Frame Bracket 4,5,6 MTD Left 5/8 Hole Pattern 1/2	1
4	123272	Frame Bracket 4,5,6, MTD Right, 5/8 Hole Pattern 1/2	1
5	124952	Spacer 3/4 Sch80 x 3.0 625L	2
6	120357	Spacer 3/4 Sch80 x 2.930L	1
7	120104	Bolt 5/8-11 x 6 GR5 PLTD	4
8	120138	Nut Nylock 5/8-11 GR5 PLTD	11
9	120140	NUT NYLOCK 3/4-10 GR5 PLTD	2
10	124954	Bushing MTD Arm - Plastic	2
11	120324	Backing Plate 4,5,6	2
12	120137	NUT NYLOCK 1/2-13 GR5 PLTD	1
13	121133	Bolt 5/8-11 x 5-1/2 Grade 5 PLTD	3
14	120115	Bolt 3/4-10x5-1/2 Grade 8 YZ Pltd	2

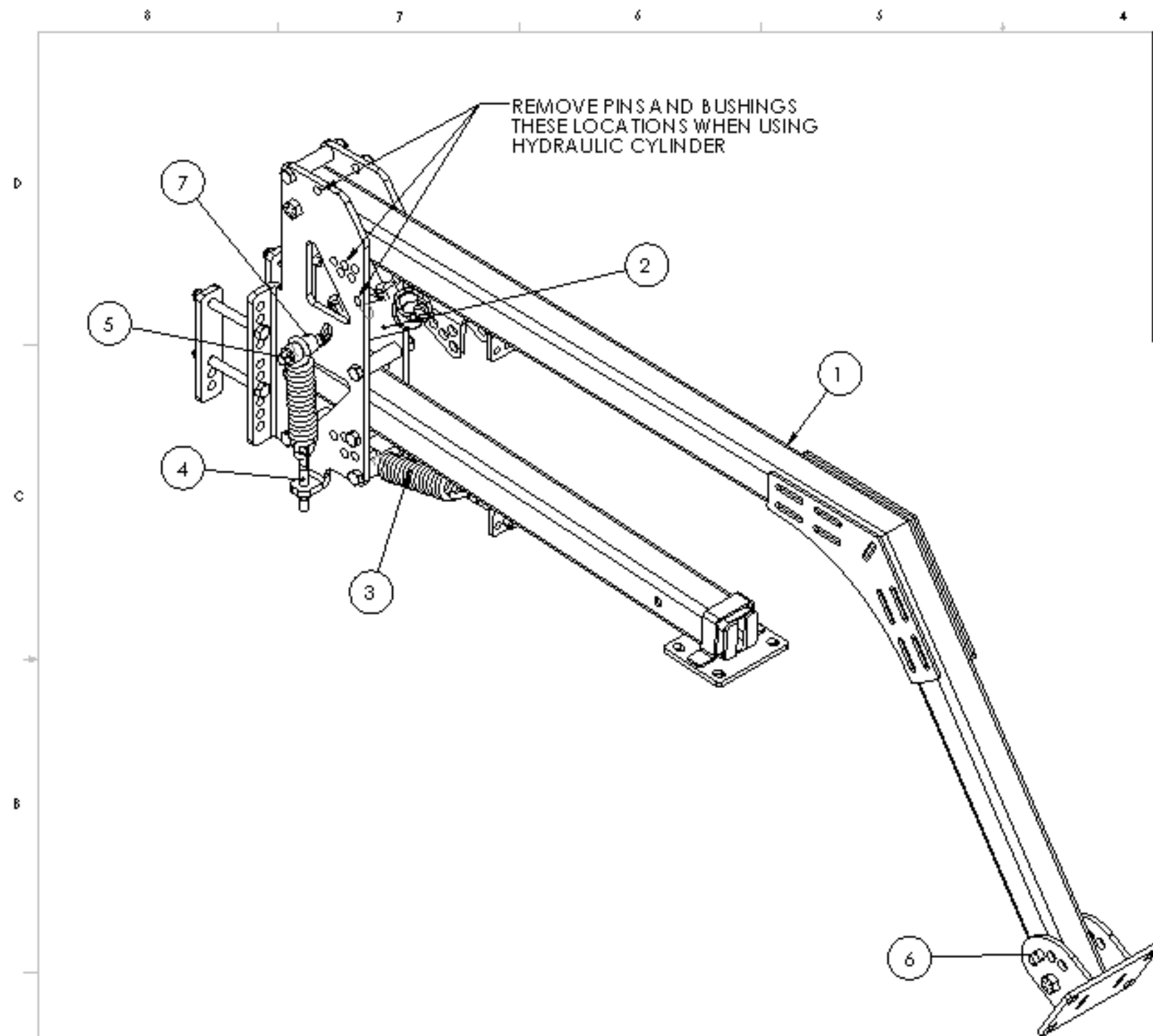
PROPRIETARY AND CONFIDENTIAL
 INFORMATION CONTAINED IN THIS
 DRAWING IS THE SOLE PROPERTY OF
 GATES MANUFACTURING INC. ANY
 REPRODUCTION IN PART OR AS A WHOLE
 WITHOUT THE WRITTEN PERMISSION OF
 GATES MANUFACTURING INC. IS
 PROHIBITED

UNITS: DIMENSIONS SPECIFIED		SCALE: 1/8"	DATE: 7/18/2014
DIMENSIONS ARE IN INCHES		DRAWN: SAA	
TOLERANCES:		CHECKED:	
FRACTIONAL SIZE		ENG APPR:	
ANGULAR: MAX 1/2" 1/2" TO 1/2"		MFG APPR:	
TWO PLACE DECIMAL: 1/2" TO 1/2"		QA:	
THREE PLACE DECIMAL: 1/2" TO 1/2"		COMMENTS:	
THIS ANGLE			
MATERIAL			
FINISH			
PAINT: Gates Black			
DO NOT SCALE DRAWING			

DESCRIPTION:
MTD Arm A SM Basket Lift

SIZE: **B** PART NUMBER: **124956** REV: **1**

WEIGHT: 112.42 SHEET 1 OF 1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	125934	MTD Double Arm WLD ASM	1
2	125948	Prince 2 x 4 Welded Cyl	1
3	120236	Tension Spring 3/8 x 9 90Deg ends MTD Arms	3
4	120129	Spade Bolt 1/2-13 x 4-3/4 PLTD	3
5	125941	Clevis Pin .750 OD X 8.75 Pin to Pin	1
6	121811	Hitch Pin 3/4 x 4-3/4 Usable	2
7	126856	Bushing .750 ID x 1.25 OD x Long	4

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
GATES MANUFACTURING, INC. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
GATES MANUFACTURING, INC. IS
PROHIBITED.

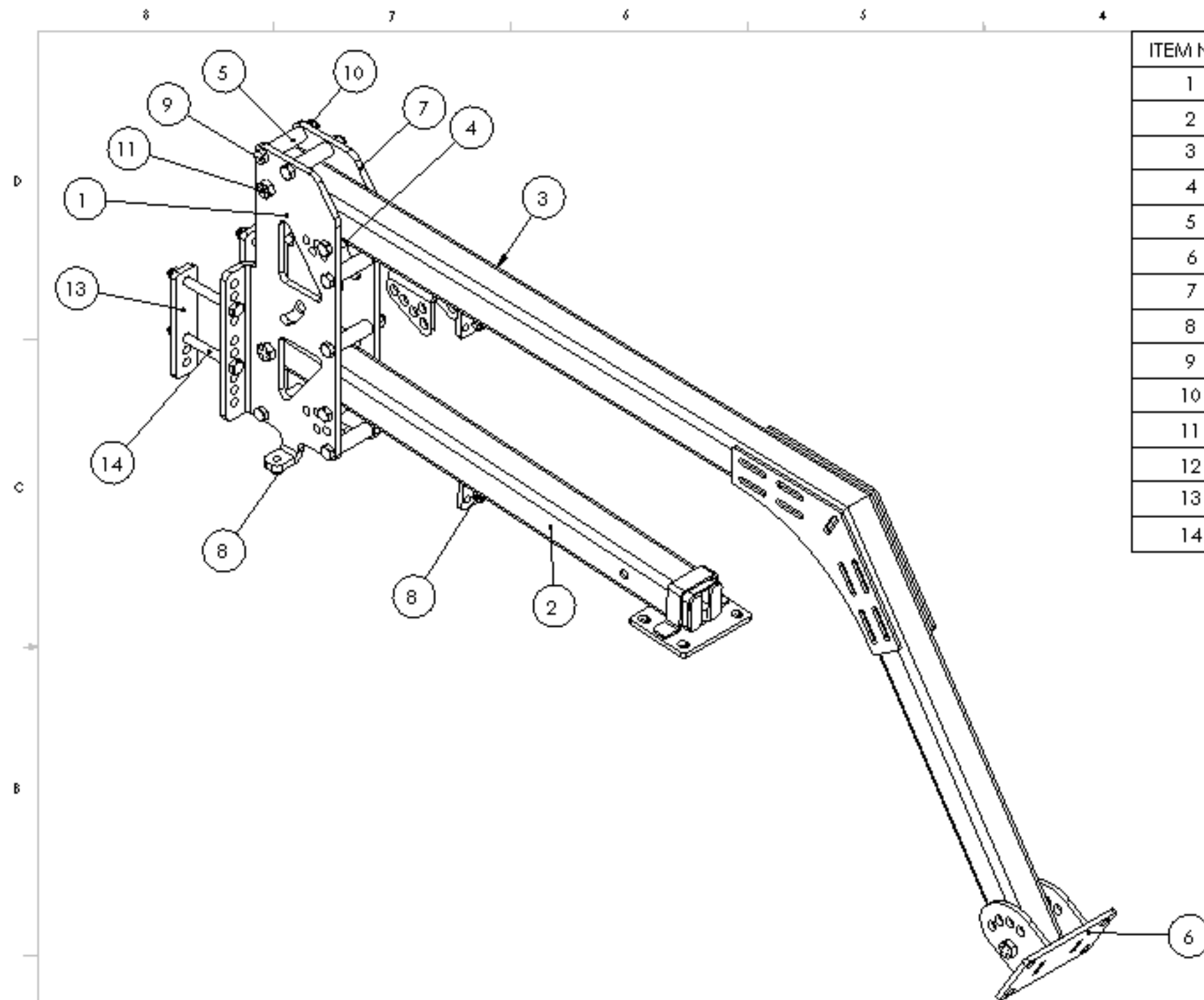
UNLESS OTHERWISE SPECIFIED:		SCALE: 1:8	DATE: 7/23/2015
DIMENSIONS ARE IN INCHES		DRAWN: SMA	
TOLERANCES:		CHECKED:	
FRACTIONS AT 3/16		ENG APPR:	
DECIMALS AT .005		MTG APPR:	
THIRD ANGULAR PROJECTION		QA:	
MATERIAL:		COMMENTS:	
MTG APPR:	USED ON:		
APPLICATION:			
DO NOT SCALE DRAWING			

GATES
MANUFACTURING

DESCRIPTION:
MTD Double Arm W/ Hydraulic

SIZE: **B** PART NUMBER: **125947** REV: **A-12**

WEIGHT: 19.692 SHEET 1 OF 1

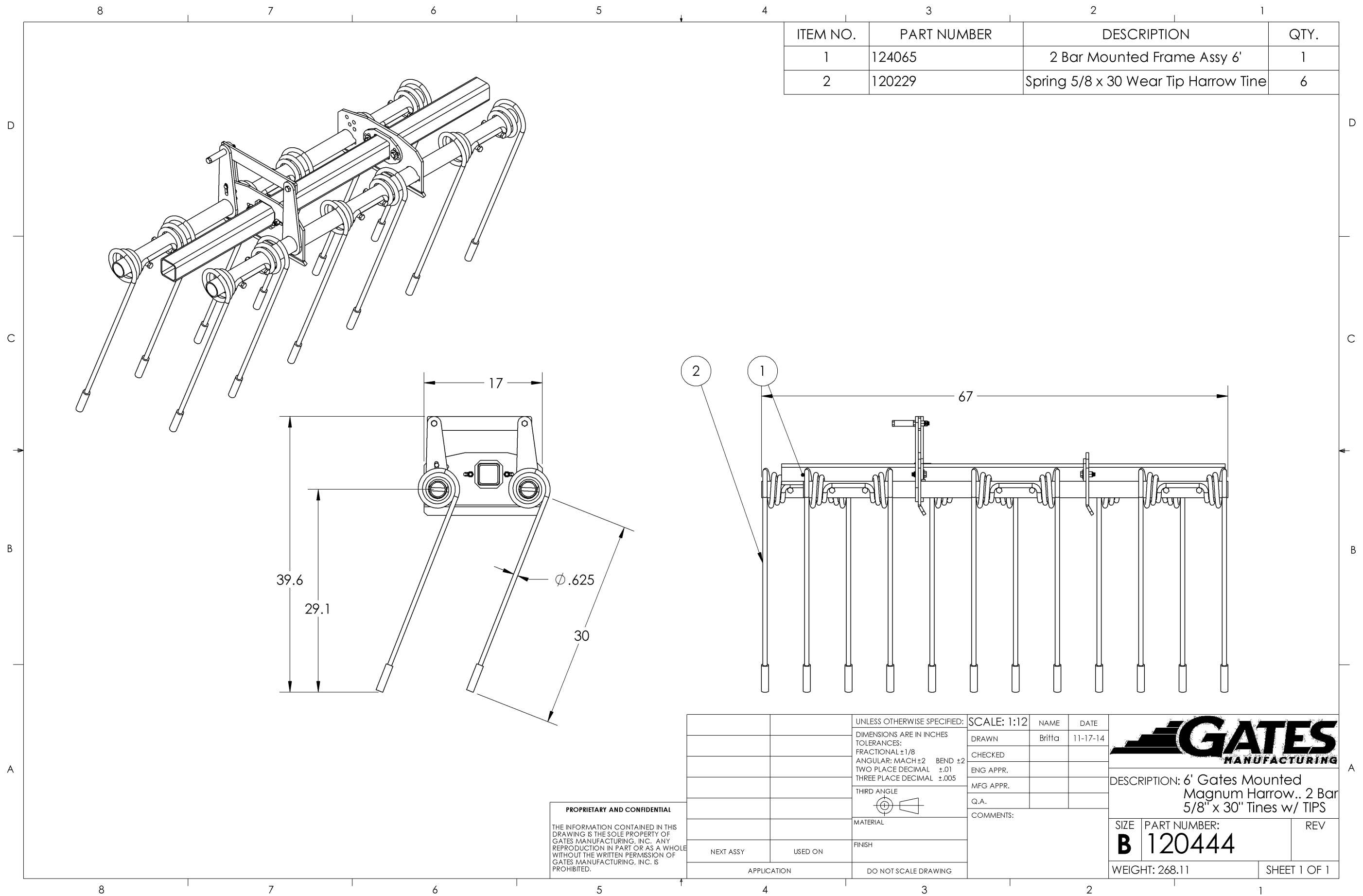


ITEM N.O.	PART NUMBER	DESCRIPTION	QTY.
1	125935	MTD Double Arm Side Plate Left	1
2	122266	Weld MTD Arm Tube 40	1
3	127036	MTD Double Upper Arm	1
4	120357	Spacer 3/4 Sch80 x 2.930 L	2
5	124952	Spacer 3/4 Sch80 x 3.0625 L	6
6	125942	MTD Double Arm Basket Pivot Clevis	1
7	125936	MTD Double Arm Side Plate Right	1
8	120137	NUT NYLOCK 1/2-13 GR5 PLTD	4
9	121132	Bolt 5/8-11 x 5 GR5 PLTD	8
10	120138	Nut Nylock 5/8-11 GR5 PLTD	12
11	120115	Bolt 3/4-10x5-1/2 Grade 8 YZ Pltd	3
12	120140	NUT NYLOCK 3/4-10 GR5 PLTD	3
13	120324	Backing Plate 4,5,6	2
14	120103	Bolt 5/8-11 x 6 GR8 PLTD	4

PROPRIETARY AND CONFIDENTIAL

INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING INC. IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:	SCALE: 1:1	DATE
		DIMENSIONS ARE IN INCHES	DESIGN	7/23/2015
		FRACTIONS: 1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2, 2, 3, 4, 6, 8, 10, 12, 16, 20, 24, 30, 36, 48, 60, 72, 96, 120, 144, 180, 240, 300, 360, 480, 600, 720, 960, 1200, 1440, 1800, 2400, 3000, 3600, 4800, 6000, 7200, 9600, 12000, 14400, 18000, 24000, 30000, 36000, 48000, 60000, 72000, 96000, 120000, 144000, 180000, 240000, 300000, 360000, 480000, 600000, 720000, 960000, 1200000, 1440000, 1800000, 2400000, 3000000, 3600000, 4800000, 6000000, 7200000, 9600000, 12000000, 14400000, 18000000, 24000000, 30000000, 36000000, 48000000, 60000000, 72000000, 96000000, 120000000, 144000000, 180000000, 240000000, 300000000, 360000000, 480000000, 600000000, 720000000, 960000000, 1200000000, 1440000000, 1800000000, 2400000000, 3000000000, 3600000000, 4800000000, 6000000000, 7200000000, 9600000000, 12000000000, 14400000000, 18000000000, 24000000000, 30000000000, 36000000000, 48000000000, 60000000000, 72000000000, 96000000000, 120000000000, 144000000000, 180000000000, 240000000000, 300000000000, 360000000000, 480000000000, 600000000000, 720000000000, 960000000000, 1200000000000, 1440000000000, 1800000000000, 2400000000000, 3000000000000, 3600000000000, 4800000000000, 6000000000000, 7200000000000, 9600000000000, 12000000000000, 14400000000000, 18000000000000, 24000000000000, 30000000000000, 36000000000000, 48000000000000, 60000000000000, 72000000000000, 96000000000000, 120000000000000, 144000000000000, 180000000000000, 240000000000000, 300000000000000, 360000000000000, 480000000000000, 600000000000000, 720000000000000, 960000000000000, 1200000000000000, 1440000000000000, 1800000000000000, 2400000000000000, 3000000000000000, 3600000000000000, 4800000000000000, 6000000000000000, 7200000000000000, 9600000000000000, 12000000000000000, 14400000000000000, 18000000000000000, 24000000000000000, 30000000000000000, 36000000000000000, 48000000000000000, 60000000000000000, 72000000000000000, 96000000000000000, 120000000000000000, 144000000000000000, 180000000000000000, 240000000000000000, 300000000000000000, 360000000000000000, 480000000000000000, 600000000000000000, 720000000000000000, 960000000000000000, 1200000000000000000, 1440000000000000000, 1800000000000000000, 2400000000000000000, 3000000000000000000, 3600000000000000000, 4800000000000000000, 6000000000000000000, 7200000000000000000, 9600000000000000000, 12000000000000000000, 14400000000000000000, 18000000000000000000, 24000000000000000000, 30000000000000000000, 36000000000000000000, 48000000000000000000, 60000000000000000000, 72000000000000000000, 96000000000000000000, 120000000000000000000, 144000000000000000000, 180000000000000000000, 240000000000000000000, 300000000000000000000, 360000000000000000000, 480000000000000000000, 600000000000000000000, 720000000000000000000, 960000000000000000000, 1200000000000000000000, 1440000000000000000000, 1800000000000000000000, 2400000000000000000000, 3000000000000000000000, 3600000000000000000000, 4800000000000000000000, 6000000000000000000000, 7200000000000000000000, 9600000000000000000000, 12000000000000000000000, 14400000000000000000000, 18000000000000000000000, 24000000000000000000000, 30000000000000000000000, 36000000000000000000000, 48000000000000000000000, 60000000000000000000000, 72000000000000000000000, 96000000000000000000000, 120000000000000000000000, 144000000000000000000000, 180000000000000000000000, 240000000000000000000000, 300000000000000000000000, 360000000000000000000000, 480000000000000000000000, 600000000000000000000000, 720000000000000000000000, 960000000000000000000000, 1200000000000000000000000, 1440000000000000000000000, 1800000000000000000000000, 2400000000000000000000000, 3000000000000000000000000, 3600000000000000000000000, 4800000000000000000000000, 6000000000000000000000000, 7200000000000000000000000, 9600000000000000000000000, 12000000000000000000000000, 14400000000000000000000000, 18000000000000000000000000, 24000000000000000000000000, 30000000000000000000000000, 36000000000000000000000000, 48000000000000000000000000, 60000000000000000000000000, 72000000000000000000000000, 96000000000000000000000000, 120000000000000000000000000, 144000000000000000000000000, 180000000000000000000000000, 240000000000000000000000000, 300000000000000000000000000, 360000000000000000000000000, 480000000000000000000000000, 600000000000000000000000000, 720000000000000000000000000, 960000000000000000000000000, 1200000000000000000000000000, 1440000000000000000000000000, 1800000000000000000000000000, 2400000000000000000000000000, 3000000000000000000000000000, 3600000000000000000000000000, 4800000000000000000000000000, 6000000000000000000000000000, 7200000000000000000000000000, 9600000000000000000000000000, 12000000000000000000000000000, 14400000000000000000000000000, 18000000000000000000000000000, 24000000000000000000000000000, 30000000000000000000000000000, 36000000000000000000000000000, 48000000000000000000000000000, 60000000000000000000000000000, 72000000000000000000000000000, 96000000000000000000000000000, 120000000000000000000000000000, 144000000000000000000000000000, 180000000000000000000000000000, 240000000000000000000000000000, 300000000000000000000000000000, 360000000000000000000000000000, 480000000000000000000000000000, 600000000000000000000000000000, 720000000000000000000000000000, 960000000000000000000000000000, 1200000000000000000000000000000, 1440000000000000000000000000000, 1800000000000000000000000000000, 2400000000000000000000000000000, 3000000000000000000000000000000, 3600000000000000000000000000000, 4800000000000000000000000000000, 6000000000000000000000000000000, 7200000000000000000000000000000, 9600000000000000000000000000000, 12000000000000000000000000000000, 14400000000000000000000000000000, 18000000000000000000000000000000, 24000000000000000000000000000000, 30000000000000000000000000000000, 36000000000000000000000000000000, 48000000000000000000000000000000, 60000000000000000000000000000000, 72000000000000000000000000000000, 96000000000000000000000000000000, 120000000000000000000000000000000, 144000000000000000000000000000000, 180000000000000000000000000000000, 240000000000000000000000000000000, 300000000000000000000000000000000, 360000000000000000000000000000000, 480000000000000000000000000000000, 600000000000000000000000000000000, 720000000000000000000000000000000, 960000000000000000000000000000000, 1200000000000000000000000000000000, 1440000000000000000000000000000000, 1800000000000000000000000000000000, 2400000000000000000000000000000000, 3000000000000000000000000000000000, 3600000000000000000000000000000000, 4800000000000000000000000000000000, 6000000000000000000000000000000000, 7200000000000000000000000000000000, 9600000000000000000000000000000000, 12000000000000000000000000000000000, 14400000000000000000000000000000000, 18000000000000000000000000000000000, 24000000000000000000000000000000000, 30000000000000000000000000000000000, 36000000000000000000000000000000000, 48000000000000000000000000000000000, 60000000000000000000000000000000000, 72000000000000000000000000000000000, 96000000000000000000000000000000000, 120000000000000000000000000000000000, 144000000000000000000000000000000000, 180000000000000000000000000000000000, 240000000000000000000000000000000000, 300000000000000000000000000000000000, 360000000000000000000000000000000000, 480000000000000000000000000000000000, 600000000000000000000000000000000000, 720000000000000000000000000000000000, 960000000000000000000000000000000000, 1200000000000000000000000000000000000, 1440000000000000000000000000000000000, 1800000000000000000000000000000000000, 2400000000000000000000000000000000000, 3000000000000000000000000000000000000, 3600000000000000000000000000000000000, 4800000000000000000000000000000000000, 6000000000000000000000000000000000000, 7200000000000000000000000000000000000, 9600000000000000000000000000000000000, 12000000000000000000000000000000000000, 14400000000000000000000000000000000000, 18000000000000000000000000000000000000, 24000000000000000000000000000000000000, 30000000000000000000000000000000000000, 36000000000000000000000000000000000000, 48000000000000000000000000000000000000, 60000000000000000000000000000000000000, 72000000000000000000000000000000000000, 96000000000000000000000000000000000000, 120000000000000000000000000000000000000, 144000000000000000000000000000000000000, 180000000000000000000000000000000000000, 240000000000000000000000000000000000000, 300000000000000000000000000000000000000, 360000000000000000000000000000000000000, 480000000000000000000000000000000000000, 600000000000000000000000000000000000000, 720000000000000000000000000000000000000, 960000000000000000000000000000000000000, 1200000000000000000000000000000000000000, 1440000000000000000000000000000000000000, 1800000000000000000000000000000000000000, 2400000000000000000000000000000000000000, 3000000000000000000000000000000000000000, 3600000000000000000000000000000000000000, 4800000000000000000000000000000000000000, 6000000000000000000000000000000000000000, 7200000000000000000000000000000000000000, 9600000000000000000000000000000000000000, 12000000000000000000000000000000000000000, 14400000000000000000000000000000000000000, 18000000000000000000000000000000000000000, 24000000000000000000000000000000000000000, 300, 36000000000000000000000000000000000000000, 48000000000000000000000000000000000000000, 600, 72000000000000000000000000000000000000000, 96000000000000000000000000000000000000000, 1200, 144000000000000000000000000000000000000000, 1800, 2400, 3000, 3600, 4800, 6000, 7200, 9600, 12000, 14400, 18000, 24000, 300, 36000, 48000, 600, 72000, 96000, 1200, 144000, 1800, 2400, 3000, 3600, 4800, 6000, 7200, 9600, 12000, 14400, 18000, 24000, 300, 36000, 48000, 600, 72000, 96000, 1200, 144000, 1800, 2400, 3000, 3600, 4800, 6000, 7200, 9600, 12000, 14400, 18000, 24000, 300, 36000, 48000, 600, 72000, 96000, 12000000000000000000		

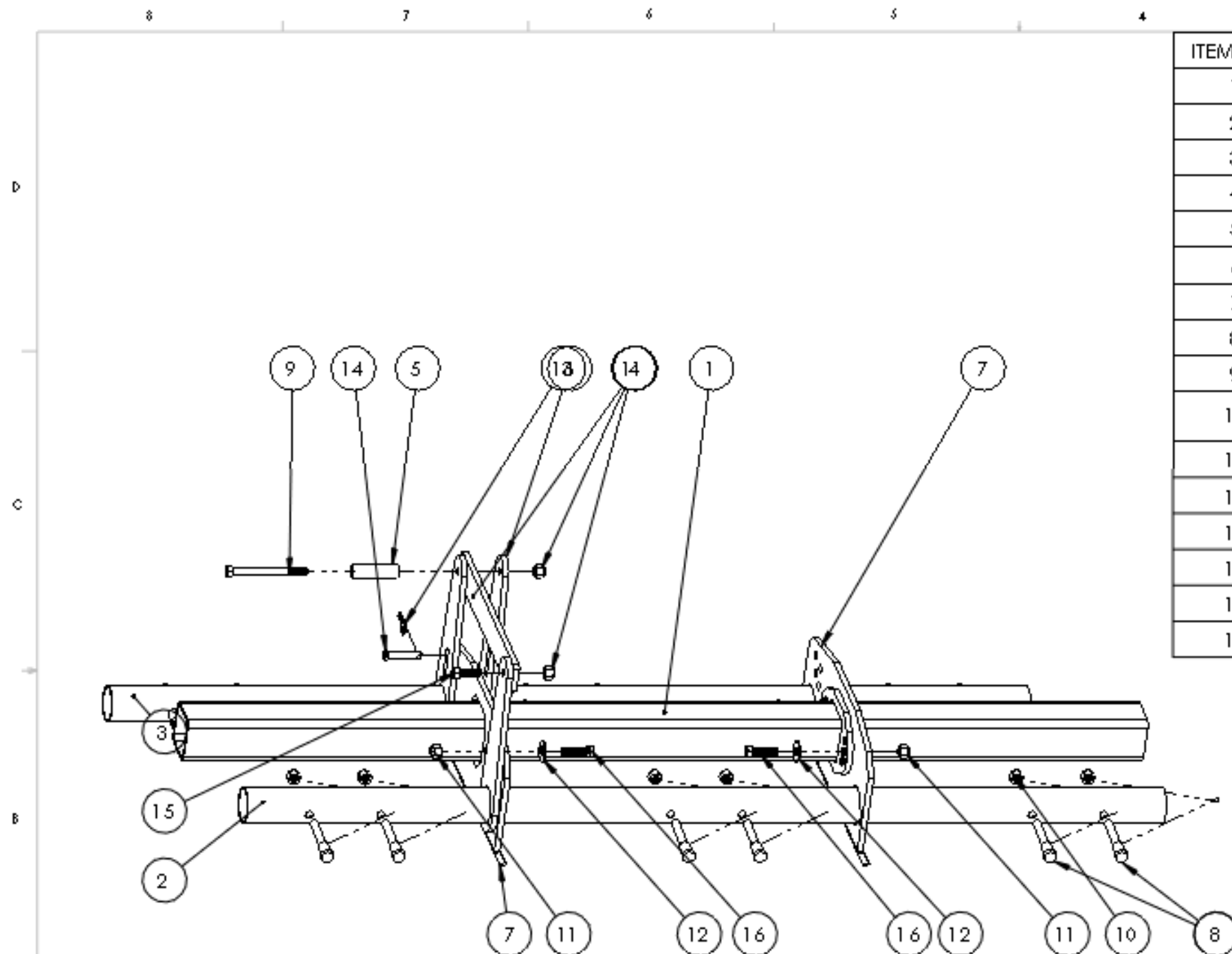


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	124065	2 Bar Mounted Frame Assy 6'	1
2	120229	Spring 5/8 x 30 Wear Tip Harrow Tine	6

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING, INC. IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:	SCALE: 1:12	NAME	DATE	
		DIMENSIONS ARE IN INCHES	DRAWN	Britta	11-17-14	
		TOLERANCES:	CHECKED			
		FRACTIONAL $\pm 1/8$	ENG APPR.			
		ANGULAR: MACH ± 2 BEND ± 2	MFG APPR.			
		TWO PLACE DECIMAL $\pm .01$	Q.A.			DESCRIPTION: 6' Gates Mounted Magnum Harrow.. 2 Bar 5/8" x 30" Tines w/ TIPS
		THREE PLACE DECIMAL $\pm .005$	COMMENTS:			
		THIRD ANGLE				
						
		MATERIAL				
		FINISH				
NEXT ASSY	USED ON					
APPLICATION		DO NOT SCALE DRAWING				
						
DESCRIPTION: 6' Gates Mounted Magnum Harrow.. 2 Bar 5/8" x 30" Tines w/ TIPS						
SIZE B	PART NUMBER: 120444			REV		
WEIGHT: 268.11					SHEET 1 OF 1	

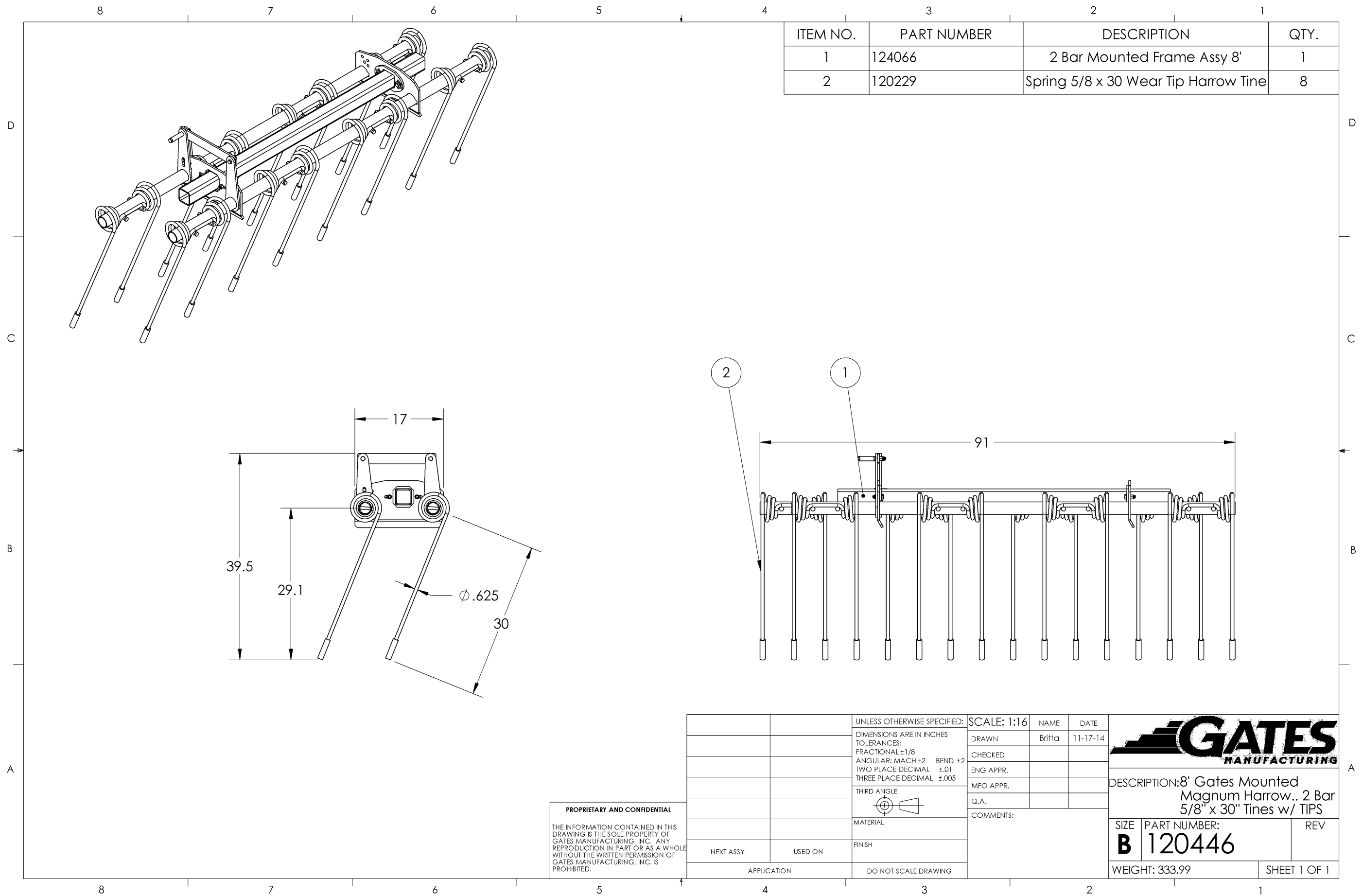


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	120381	CROSSPIECE H FRAM 6' MTD	1
2	122285	HARROW PIPE, MTD, 6' 2BAR #1	1
3	122286	HARROW PIPE MTD 6' 2BAR #2	1
4	122236	Linkage Bar MTD 2 Bar 15"	1
5	120387	Adjustment Spacer	1
6	121873	EAR HARROW PIPE SLOTTED	1
7	121899	MTD SECTION FRAME 2 BAR	2
8	120094	1/2"x3.75" Shoulder bolt	12
9	120097	BOLT 1/2-13 X 5 GR5 PLTD	1
10	120136	Nut Nylock 1/2-13 GR5 YELLOW PLTD	12
11	120137	NUT NYLOCK 1/2-13 GR5 PLTD	6
12	120150	WASHER FLAT 1/2" PLTD	4
13	120160	PIN HAIR PIN CLIP #16	1
14	120164	PIN CLEVIS 1/2 X 2 PLTD	1
15	121091	Bolt 1/2-13 x1-1/2 GR5 PLTD	1
16	121092	BOLT 1/2-13 X 1-3/4 GR5 PLTD	4

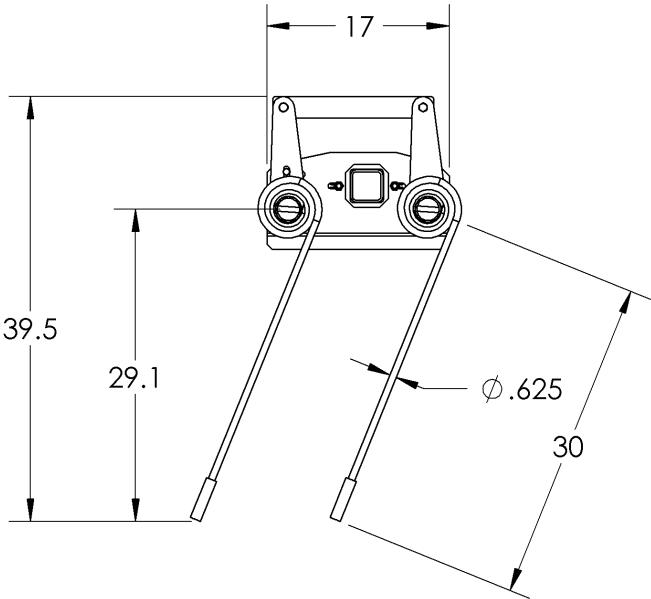
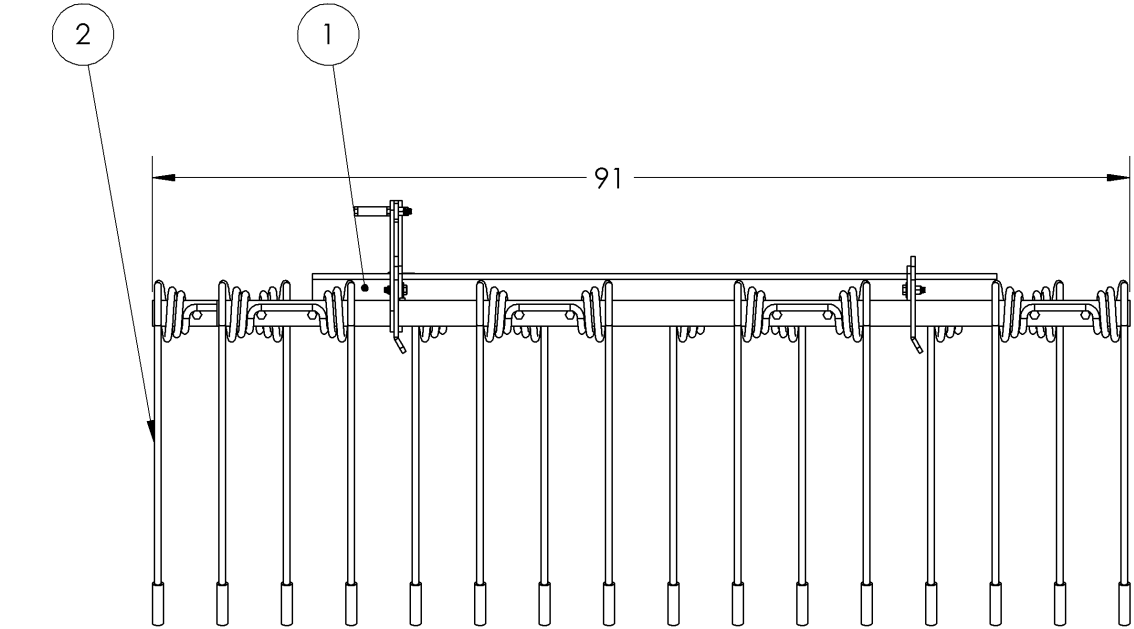
PROPERTY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING, INC. IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:		SCALE: 1:8	DATE	
DIMENSIONS ARE IN INCHES		DRAWN	BY	
TOLERANCES:		CHECKED		
FRACTIONS: 1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2, 2		ENG APPR		
DECIMALS: .001, .005, .010, .015, .020, .030, .040, .050, .060, .070, .080, .090, .100, .125, .150, .175, .200, .250, .300, .350, .400, .450, .500, .550, .600, .650, .700, .750, .800, .850, .900, .950, 1.000		MTG APPR		
THREADS: UNF, UNF-2A, UNF-3A, UNF-4A, UNF-5A, UNF-6A, UNF-7A, UNF-8A, UNF-9A, UNF-10A, UNF-11A, UNF-12A, UNF-14A, UNF-16A, UNF-18A, UNF-20A, UNF-22A, UNF-24A, UNF-26A, UNF-28A, UNF-30A, UNF-32A, UNF-34A, UNF-36A, UNF-38A, UNF-40A, UNF-42A, UNF-44A, UNF-46A, UNF-48A, UNF-50A, UNF-52A, UNF-54A, UNF-56A, UNF-58A, UNF-60A, UNF-62A, UNF-64A, UNF-66A, UNF-68A, UNF-70A, UNF-72A, UNF-74A, UNF-76A, UNF-78A, UNF-80A, UNF-82A, UNF-84A, UNF-86A, UNF-88A, UNF-90A, UNF-92A, UNF-94A, UNF-96A, UNF-98A, UNF-100A, UNF-102A, UNF-104A, UNF-106A, UNF-108A, UNF-110A, UNF-112A, UNF-114A, UNF-116A, UNF-118A, UNF-120A, UNF-122A, UNF-124A, UNF-126A, UNF-128A, UNF-130A, UNF-132A, UNF-134A, UNF-136A, UNF-138A, UNF-140A, UNF-142A, UNF-144A, UNF-146A, UNF-148A, UNF-150A, UNF-152A, UNF-154A, UNF-156A, UNF-158A, UNF-160A, UNF-162A, UNF-164A, UNF-166A, UNF-168A, UNF-170A, UNF-172A, UNF-174A, UNF-176A, UNF-178A, UNF-180A, UNF-182A, UNF-184A, UNF-186A, UNF-188A, UNF-190A, UNF-192A, UNF-194A, UNF-196A, UNF-198A, UNF-200A, UNF-202A, UNF-204A, UNF-206A, UNF-208A, UNF-210A, UNF-212A, UNF-214A, UNF-216A, UNF-218A, UNF-220A, UNF-222A, UNF-224A, UNF-226A, UNF-228A, UNF-230A, UNF-232A, UNF-234A, UNF-236A, UNF-238A, UNF-240A, UNF-242A, UNF-244A, UNF-246A, UNF-248A, UNF-250A, UNF-252A, UNF-254A, UNF-256A, UNF-258A, UNF-260A, UNF-262A, UNF-264A, UNF-266A, UNF-268A, UNF-270A, UNF-272A, UNF-274A, UNF-276A, UNF-278A, UNF-280A, UNF-282A, UNF-284A, UNF-286A, UNF-288A, UNF-290A, UNF-292A, UNF-294A, UNF-296A, UNF-298A, UNF-300A, UNF-302A, UNF-304A, UNF-306A, UNF-308A, UNF-310A, UNF-312A, UNF-314A, UNF-316A, UNF-318A, UNF-320A, UNF-322A, UNF-324A, UNF-326A, UNF-328A, UNF-330A, UNF-332A, UNF-334A, UNF-336A, UNF-338A, UNF-340A, UNF-342A, UNF-344A, UNF-346A, UNF-348A, UNF-350A, UNF-352A, UNF-354A, UNF-356A, UNF-358A, UNF-360A, UNF-362A, UNF-364A, UNF-366A, UNF-368A, UNF-370A, UNF-372A, UNF-374A, UNF-376A, UNF-378A, UNF-380A, UNF-382A, UNF-384A, UNF-386A, UNF-388A, UNF-390A, UNF-392A, UNF-394A, UNF-396A, UNF-398A, UNF-400A, UNF-402A, UNF-404A, UNF-406A, UNF-408A, UNF-410A, UNF-412A, UNF-414A, UNF-416A, UNF-418A, UNF-420A, UNF-422A, UNF-424A, UNF-426A, UNF-428A, UNF-430A, UNF-432A, UNF-434A, UNF-436A, UNF-438A, UNF-440A, UNF-442A, UNF-444A, UNF-446A, UNF-448A, UNF-450A, UNF-452A, UNF-454A, UNF-456A, UNF-458A, UNF-460A, UNF-462A, UNF-464A, UNF-466A, UNF-468A, UNF-470A, UNF-472A, UNF-474A, UNF-476A, UNF-478A, UNF-480A, UNF-482A, UNF-484A, UNF-486A, UNF-488A, UNF-490A, UNF-492A, UNF-494A, UNF-496A, UNF-498A, UNF-500A, UNF-502A, UNF-504A, UNF-506A, UNF-508A, UNF-510A, UNF-512A, UNF-514A, UNF-516A, UNF-518A, UNF-520A, UNF-522A, UNF-524A, UNF-526A, UNF-528A, UNF-530A, UNF-532A, UNF-534A, UNF-536A, UNF-538A, UNF-540A, UNF-542A, UNF-544A, UNF-546A, UNF-548A, UNF-550A, UNF-552A, UNF-554A, UNF-556A, UNF-558A, UNF-560A, UNF-562A, UNF-564A, UNF-566A, UNF-568A, UNF-570A, UNF-572A, UNF-574A, UNF-576A, UNF-578A, UNF-580A, UNF-582A, UNF-584A, UNF-586A, UNF-588A, UNF-590A, UNF-592A, UNF-594A, UNF-596A, UNF-598A, UNF-600A, UNF-602A, UNF-604A, UNF-606A, UNF-608A, UNF-610A, UNF-612A, UNF-614A, UNF-616A, UNF-618A, UNF-620A, UNF-622A, UNF-624A, UNF-626A, UNF-628A, UNF-630A, UNF-632A, UNF-634A, UNF-636A, UNF-638A, UNF-640A, UNF-642A, UNF-644A, UNF-646A, UNF-648A, UNF-650A, UNF-652A, UNF-654A, UNF-656A, UNF-658A, UNF-660A, UNF-662A, UNF-664A, UNF-666A, UNF-668A, UNF-670A, UNF-672A, UNF-674A, UNF-676A, UNF-678A, UNF-680A, UNF-682A, UNF-684A, UNF-686A, UNF-688A, UNF-690A, UNF-692A, UNF-694A, UNF-696A, UNF-698A, UNF-700A, UNF-702A, UNF-704A, UNF-706A, UNF-708A, UNF-710A, UNF-712A, UNF-714A, UNF-716A, UNF-718A, UNF-720A, UNF-722A, UNF-724A, UNF-726A, UNF-728A, UNF-730A, UNF-732A, UNF-734A, UNF-736A, UNF-738A, UNF-740A, UNF-742A, UNF-744A, UNF-746A, UNF-748A, UNF-750A, UNF-752A, UNF-754A, UNF-756A, UNF-758A, UNF-760A, UNF-762A, UNF-764A, UNF-766A, UNF-768A, UNF-770A, UNF-772A, UNF-774A, UNF-776A, UNF-778A, UNF-780A, UNF-782A, UNF-784A, UNF-786A, UNF-788A, UNF-790A, UNF-792A, UNF-794A, UNF-796A, UNF-798A, UNF-800A, UNF-802A, UNF-804A, UNF-806A, UNF-808A, UNF-810A, UNF-812A, UNF-814A, UNF-816A, UNF-818A, UNF-820A, UNF-822A, UNF-824A, UNF-826A, UNF-828A, UNF-830A, UNF-832A, UNF-834A, UNF-836A, UNF-838A, UNF-840A, UNF-842A, UNF-844A, UNF-846A, UNF-848A, UNF-850A, UNF-852A, UNF-854A, UNF-856A, UNF-858A, UNF-860A, UNF-862A, UNF-864A, UNF-866A, UNF-868A, UNF-870A, UNF-872A, UNF-874A, UNF-876A, UNF-878A, UNF-880A, UNF-882A, UNF-884A, UNF-886A, UNF-888A, UNF-890A, UNF-892A, UNF-894A, UNF-896A, UNF-898A, UNF-900A, UNF-902A, UNF-904A, UNF-906A, UNF-908A, UNF-910A, UNF-912A, UNF-914A, UNF-916A, UNF-918A, UNF-920A, UNF-922A, UNF-924A, UNF-926A, UNF-928A, UNF-930A, UNF-932A, UNF-934A, UNF-936A, UNF-938A, UNF-940A, UNF-942A, UNF-944A, UNF-946A, UNF-948A, UNF-950A, UNF-952A, UNF-954A, UNF-956A, UNF-958A, UNF-960A, UNF-962A, UNF-964A, UNF-966A, UNF-968A, UNF-970A, UNF-972A, UNF-974A, UNF-976A, UNF-978A, UNF-980A, UNF-982A, UNF-984A, UNF-986A, UNF-988A, UNF-990A, UNF-992A, UNF-994A, UNF-996A, UNF-998A, UNF-1000A, UNF-1002A, UNF-1004A, UNF-1006A, UNF-1008A, UNF-1010A, UNF-1012A, UNF-1014A, UNF-1016A, UNF-1018A, UNF-1020A, UNF-1022A, UNF-1024A, UNF-1026A, UNF-1028A, UNF-1030A, UNF-1032A, UNF-1034A, UNF-1036A, UNF-1038A, UNF-1040A, UNF-1042A, UNF-1044A, UNF-1046A, UNF-1048A, UNF-1050A, UNF-1052A, UNF-1054A, UNF-1056A, UNF-1058A, UNF-1060A, UNF-1062A, UNF-1064A, UNF-1066A, UNF-1068A, UNF-1070A, UNF-1072A, UNF-1074A, UNF-1076A, UNF-1078A, UNF-1080A, UNF-1082A, UNF-1084A, UNF-1086A, UNF-1088A, UNF-1090A, UNF-1092A, UNF-1094A, UNF-1096A, UNF-1098A, UNF-1100A, UNF-1102A, UNF-1104A, UNF-1106A, UNF-1108A, UNF-1110A, UNF-1112A, UNF-1114A, UNF-1116A, UNF-1118A, UNF-1120A, UNF-1122A, UNF-1124A, UNF-1126A, UNF-1128A, UNF-1130A, UNF-1132A, UNF-1134A, UNF-1136A, UNF-1138A, UNF-1140A, UNF-1142A, UNF-1144A, UNF-1146A, UNF-1148A, UNF-1150A, UNF-1152A, UNF-1154A, UNF-1156A, UNF-1158A, UNF-1160A, UNF-1162A, UNF-1164A, UNF-1166A, UNF-1168A, UNF-1170A, UNF-1172A, UNF-1174A, UNF-1176A, UNF-1178A, UNF-1180A, UNF-1182A, UNF-1184A, UNF-1186A, UNF-1188A, UNF-1190A, UNF-1192A, UNF-1194A, UNF-1196A, UNF-1198A, UNF-1200A, UNF-1202A, UNF-1204A, UNF-1206A, UNF-1208A, UNF-1210A, UNF-1212A, UNF-1214A, UNF-1216A, UNF-1218A, UNF-1220A, UNF-1222A, UNF-1224A, UNF-1226A, UNF-1228A, UNF-1230A, UNF-1232A, UNF-1234A, UNF-1236A, UNF-1238A, UNF-1240A, UNF-1242A, UNF-1244A, UNF-1246A, UNF-1248A, UNF-1250A, UNF-1252A, UNF-1254A, UNF-1256A, UNF-1258A, UNF-1260A, UNF-1262A, UNF-1264A, UNF-1266A, UNF-1268A, UNF-1270A, UNF-1272A, UNF-1274A, UNF-1276A, UNF-1278A, UNF-1280A, UNF-1282A, UNF-1284A, UNF-1286A, UNF-1288A, UNF-1290A, UNF-1292A, UNF-1294A, UNF-1296A, UNF-1298A, UNF-1300A, UNF-1302A, UNF-1304A, UNF-1306A, UNF-1308A, UNF-1310A, UNF-1312A, UNF-1314A, UNF-1316A, UNF-1318A, UNF-1320A, UNF-1322A, UNF-1324A, UNF-1326A, UNF-1328A, UNF-1330A, UNF-1332A, UNF-1334A, UNF-1336A, UNF-1338A, UNF-1340A, UNF-1342A, UNF-1344A, UNF-1346A, UNF-1348A, UNF-1350A, UNF-1352A, UNF-1354A, UNF-1356A, UNF-1358A, UNF-1360A, UNF-1362A, UNF-1364A, UNF-1366A, UNF-1368A, UNF-1370A, UNF-1372A, UNF-1374A, UNF-1376A, UNF-1378A, UNF-1380A, UNF-1382A, UNF-1384A, UNF-1386A, UNF-1388A, UNF-1390A, UNF-1392A, UNF-1394A, UNF-1396A, UNF-1398A, UNF-1400A, UNF-1402A, UNF-1404A, UNF-1406A, UNF-1408A, UNF-1410A, UNF-1412A, UNF-1414A, UNF-1416A, UNF-1418A, UNF-1420A, UNF-1422A, UNF-1424A, UNF-1426A, UNF-1428A, UNF-1430A, UNF-1432A, UNF-1434A, UNF-1436A, UNF-1438A, UNF-1440A, UNF-1442A, UNF-1444A, UNF-1446A, UNF-1448A, UNF-1450A, UNF-1452A, UNF-1454A, UNF-1456A, UNF-1458A, UNF-1460A, UNF-1462A, UNF-1464A, UNF-1466A, UNF-1468A, UNF-1470A, UNF-1472A, UNF-1474A, UNF-1476A, UNF-1478A, UNF-1480A, UNF-1482A, UNF-1484A, UNF-1486A, UNF-1488A, UNF-1490A, UNF-1492A, UNF-1494A, UNF-1496A, UNF-1498A, UNF-1500A, UNF-1502A, UNF-1504A, UNF-1506A, UNF-1508A, UNF-1510A, UNF-1512A, UNF-1514A, UNF-1516A, UNF-1518A, UNF-1520A, UNF-1522A, UNF-1524A, UNF-1526A, UNF-1528A, UNF-1530A, UNF-1532A, UNF-1534A, UNF-1536A, UNF-1538A, UNF-1540A, UNF-1542A, UNF-1544A, UNF-1546A, UNF-1548A, UNF-1550A, UNF-1552A, UNF-1554A, UNF-1556A, UNF-1558A, UNF-1560A, UNF-1562A, UNF-1564A, UNF-1566A, UNF-1568A, UNF-1570A, UNF-1572A, UNF-1574A, UNF-1576A, UNF-1578A, UNF-1580A, UNF-1582A, UNF-1584A, UNF-1586A, UNF-1588A, UNF-1590A, UNF-1592A, UNF-1594A, UNF-1596A, UNF-1598A, UNF-1600A, UNF-1602A, UNF-1604A, UNF-1606A, UNF-1608A, UNF-1610A, UNF-1612A, UNF-1614A, UNF-1616A, UNF-1618A, UNF-1620A, UNF-1622A, UNF-1624A, UNF-1626A, UNF-1628A, UNF-1630A, UNF-1632A, UNF-1634A, UNF-1636A, UNF-1638A, UNF-1640A, UNF-1642A, UNF-1644A, UNF-1646A, UNF-1648A, UNF-1650A, UNF-1652A, UNF-1654A, UNF-1656A, UNF-1658A, UNF-1660A, UNF-1662A, UNF-1664A, UNF-1666A, UNF-1668A, UNF-1670A, UNF-1672A, UNF-1674A, UNF-1676A, UNF-1678A, UNF-1680A, UNF-1682A, UNF-1684A, UNF-1686A, UNF-1688A, UNF-1690A, UNF-1692A, UNF-1694A, UNF-1696A, UNF-1698A, UNF-1700A, UNF-1702A, UNF-1704A, UNF-1706A, UNF-1708A, UNF-1710A, UNF-1712A, UNF-1714A, UNF-1716A, UNF-1718A, UNF-1720A, UNF-1722A, UNF-1724A, UNF-1726A, UNF-1728A, UNF-1730A, UNF-1732A, UNF-1734A, UNF-1736A, UNF-1738A, UNF-1740A, UNF-1742A, UNF-1744A, UNF-1746A, UNF-1748A, UNF-1750A, UNF-1752A, UNF-1754A, UNF-1756A, UNF-1758A, UNF-1760A, UNF-1762A, UNF-1764A, UNF-1766A, UNF-1768A, UNF-1770A, UNF-1772A, UNF-1774A, UNF-1776A, UNF-1778A, UNF-1780A, UNF-1782A, UNF-1784A, UNF-1786A, UNF-1788A, UNF-1790A, UNF-1792A, UNF-1794A, UNF-1796A, UNF-1798A, UNF-1800A, UNF-1802A, UNF-1804A, UNF-1806A, UNF-1808A, UNF-1810A, UNF-1812A, UNF-1814A, UNF-1816A, UNF-1818A, UNF-1820A, UNF-1822A, UNF-1824A, UNF-1826A, UNF-1828A, UNF-1830A, UNF-1832A, UNF-1834A, UNF-1836A, UNF-1838A, UNF-1840A, UNF-1842A, UNF-1844A, UNF-1846A, UNF-1848A, UNF-1850A, UNF-1852A, UNF-1854A, UNF-1856A, UNF-1858A, UNF-1860A, UNF-1862A, UNF-1864A, UNF-1866A, UNF-1868A, UNF-1870A, UNF-1872A, UNF-1874A, UNF-1876A, UNF-1878A, UNF-1880A, UNF-1882A, UNF-1884A, UNF-1886A, UNF-1888A, UNF-1890A, UNF-1892A, UNF-1894A, UNF-1896A, UNF-1898A, UNF-1900A, UNF-1902A, UNF-1904A, UNF-1906A, UNF-1908A, UNF-1910A, UNF-1912A, UNF-1914A, UNF-1916A, UNF-1918A, UNF-1920A, UNF-1922A, UNF-1924A, UNF-1926A, UNF-1928A, UNF-1930A, UNF-1932A, UNF-1934A, UNF-1936A, UNF-1938A, UNF-1940A, UNF-1942A, UNF-1944A, UNF-1946A, UNF-1948A, UNF-1950A, UNF-1952A, UNF-1954A, UNF-1956A, UNF-1958A, UNF-1960A, UNF-1962A, UNF-1964A, UNF-1966A, UNF-1968A, UNF-1970A, UNF-1972A, UNF-1974A, UNF-1976A, UNF-1978A, UNF-1980A, UNF-1982A, UNF-1984A, UNF-1986A, UNF-1988A, UNF-1990A, UNF-1992A, UNF-1994A, UNF-1996A, UNF-1998A, UNF-2000A, UNF-2002A, UNF-2004A, UNF-2006A, UNF-2008A, UNF-2010A, UNF-2012A, UNF-2014A, UNF-2016A, UNF-2018A, UNF-2020A, UNF-2022A, UNF-2024A, UNF-2026A, UNF-2028A, UNF-2030A, UNF-2032A, UNF-2034A, UNF-2036A, UNF-2038A, UNF-2040A, UNF-2042A, UNF-2044A, UNF-2046A, UNF-2048A, UNF-2050A, UNF-2052A, UNF-2054A, UNF-2056A, UNF-2058A, UNF-2060A, UNF-2062A, UNF-2064A, UNF-2066A, UNF-2068A, UNF-2070A, UNF-2072A, UNF-2074A, UNF-2076A, UNF-2078A, UNF-2080A, UNF-2082A, UNF-2084A, UNF-2086A, UNF-2088A, UNF-2090A, UNF-2092A, UNF-2094A, UNF-2096A, UNF-2098A, UNF-2100A, UNF-2102A, UNF-2104A, UNF-2106A, UNF-2108A, UNF-2110A, UNF-2112A, UNF-2114A, UNF-2116A, UNF-2118A, UNF-2120A, UNF-2122A, UNF-2124A, UNF-2126A, UNF-2128A, UNF-2130A, UNF-2132A, UNF-2134A, UNF-2136A, UNF-2138A, UNF-2140A, UNF-2142A, UNF-2144A, UNF-2146A, UNF-2148A, UNF-2150A, UNF-2152A, UNF-2154A, UNF-2156A, UNF-2158A, UNF-2160A, UNF-2162A, UNF-2164A, UNF-2166A, UNF-2168A, UNF-2170A, UNF-2172A, UNF-2174A, UNF-2176A, UNF-2178A, UNF-2180A, UNF-2182A, UNF-2184A, UNF-2186A, UNF-2188A, UNF-2190A, UNF-2192A, UNF-2194A, UNF-2196A, UNF-2198A, UNF-2200A, UNF-2202A, UNF-2204A, UNF-2206A, UNF-2208A, UNF-2210A, UNF-2212A, UNF-2214A, UNF-2216A, UNF-2218A, UNF-2220A, UNF-2222A, UNF-2224A, UNF-2226A, UNF-2228A, UNF-2230A, UNF-2232A, UNF-2234A, UNF-2236A, UNF-2238A, UNF-2240A, UNF-2242A, UNF-2244A, UNF-2246A, UNF-2248A, UNF-2250A, UNF-2252A, UNF-2254A, UNF-2256A, UNF-2258A, UNF-2260A, UNF-2262A, UNF-2264A, UNF-2266A, UNF-2268A, UNF-2270A, UNF-2272A, UNF-2274A, UNF-2276A, UNF-2278A, UNF-2280A, UNF-2282A, UNF-2284A, UNF-2286A, UNF-2288A, UNF-2290A, UNF-2292A, UNF-2294A, UNF-2296A, UNF-2298A, UNF-2300A, UNF-2302A, UNF-2304A, UNF-2306A, UNF-2308A, UNF-2310A, UNF-2312A, UNF-2314A, UNF-2316A, UNF-2318A, UNF-2320A, UNF-2322A, UNF-2324A, UNF-2326A, UNF-2328A, UNF-2330A, UNF-2332A, UNF-2334A, UNF-2336A, UNF-2338A, UNF-2340A, UNF-2342A, UNF-2344A, UNF-2346A, UNF-2348A, UNF-2350A, UNF-2352A, UNF-2354A, UNF-2356A, UNF-2358A, UNF-2360A, UNF-2362A, UNF-2364A, UNF-2366A, UNF-2368A, UNF-2370A, UNF-2372A, UNF-2374A, UNF-2376A, UNF-2378A, UNF-2380A, UNF-2382A, UNF-2384A, UNF-2386A, UNF-2388A, UNF-2390A, UNF-2392A, UNF-2394A, UNF-2396A, UNF-2398A, UNF-2400A, UNF-2402A, UNF-2404A, UNF-2406A, UNF-2408A, UNF-2410A, UNF-2412A, UNF-2414A, UNF-2416A, UNF-2418A, UNF-2420A, UNF-2422A, UNF-2424A, UNF-2426A, UNF-2428A, UNF-2430A, UNF-2432A, UNF-2434A, UNF-2436A, UNF-2438A, UNF-2440A, UNF-2442A, UNF-2444A, UNF-2446A, UNF-2448A, UNF-2450A, UNF-2452A, UNF-2454A, UNF-2456A, UNF-2458A, UNF-2460A, UNF-2462A, UNF-2464A, UNF-2466A, UNF-2468A, UNF-2470A, UNF-2472A, UNF-2474A, UNF-2476A, UNF-2478A, UNF-2480A, UNF-2482A, UNF-2484A, UNF-2486A, UNF-2488A, UNF-2490A, UNF-2492A, UNF-2494A, UNF-2496A, UNF-2498A, UNF-2500A, UNF-2502A, UNF-2504A, UNF-2506A, UNF-2508A, UNF-2510A, UNF-2512A, UNF-251				



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	124066	2 Bar Mounted Frame Assy 8'	1
2	120229	Spring 5/8 x 30 Wear Tip Harrow Tine	8



PROPRIETARY AND CONFIDENTIAL

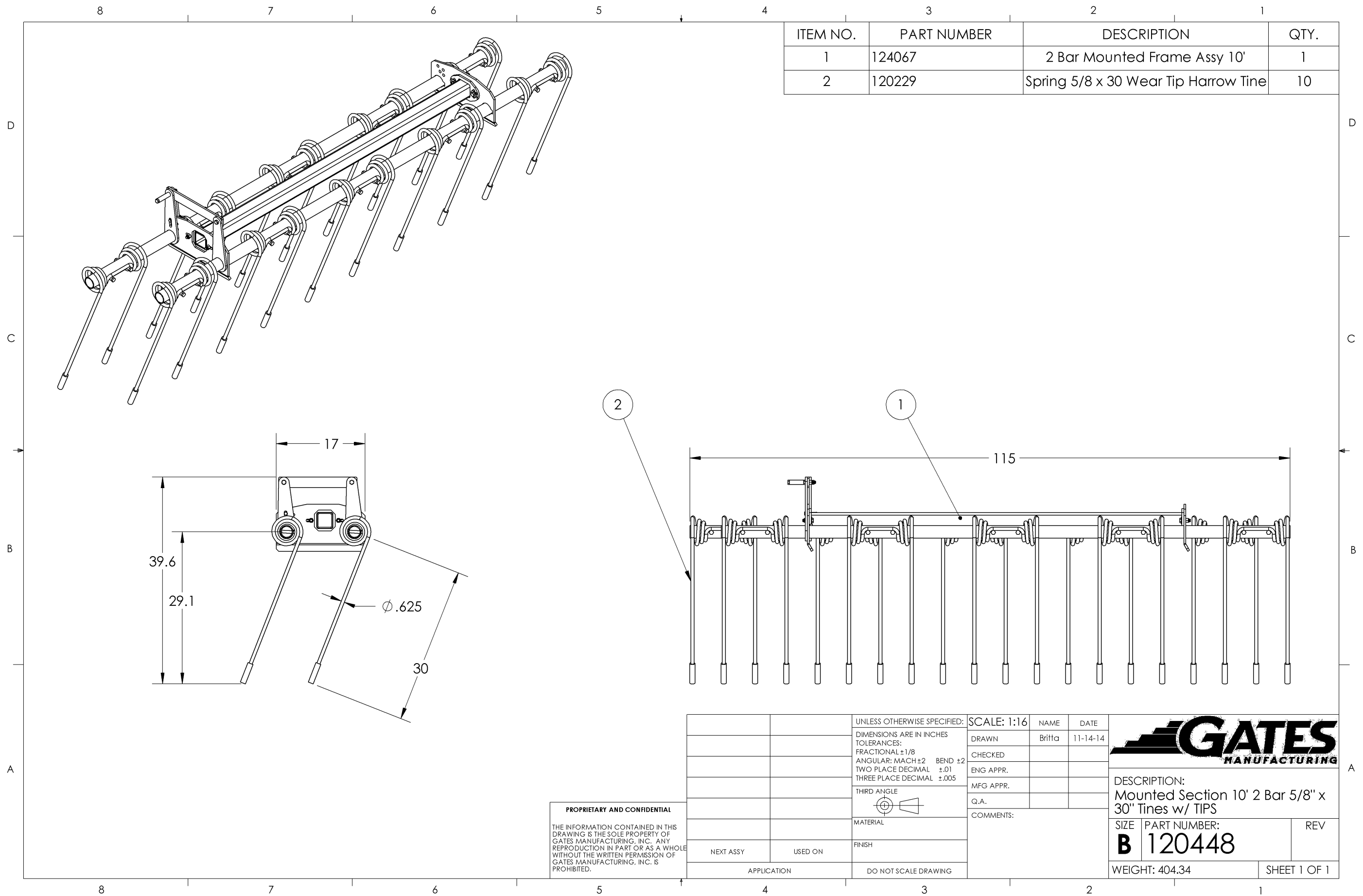
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING, INC.. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING, INC. IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:	SCALE: 1:16	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	Britta	11-17-14
		TOLERANCES:	CHECKED		
		FRACTIONAL $\pm 1/8$	ENG APPR.		
		ANGULAR: MACH ± 2 BEND ± 2	MFG APPR.		
		TWO PLACE DECIMAL $\pm .01$	Q.A.		
		THREE PLACE DECIMAL $\pm .005$	COMMENTS:		
		THIRD ANGLE			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

DESCRIPTION: 8' Gates Mounted Magnum Harrow.. 2 Bar 5/8" x 30" Tines w/ TIPS

SIZE	PART NUMBER:	REV
B	120446	

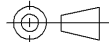
WEIGHT: 333.99 SHEET 1 OF 1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	124067	2 Bar Mounted Frame Assy 10'	1
2	120229	Spring 5/8 x 30 Wear Tip Harrow Tine	10

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING, INC. IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/8$ ANGULAR: MACH ± 2 BEND ± 2 TWO PLACE DECIMAL $\pm .01$ THREE PLACE DECIMAL $\pm .005$ THIRD ANGLE  MATERIAL	SCALE: 1:16	NAME	DATE			
			DRAWN	Britta	11-14-14			
			CHECKED					
			ENG APPR.					
			MFG APPR.					
			Q.A.			DESCRIPTION: Mounted Section 10' 2 Bar 5/8" x 30" Tines w/ TIPS		
			COMMENTS:					
NEXT ASSY	USED ON	FINISH				SIZE	PART NUMBER:	REV
						B	120448	
APPLICATION		DO NOT SCALE DRAWING				WEIGHT: 404.34		SHEET 1 OF 1

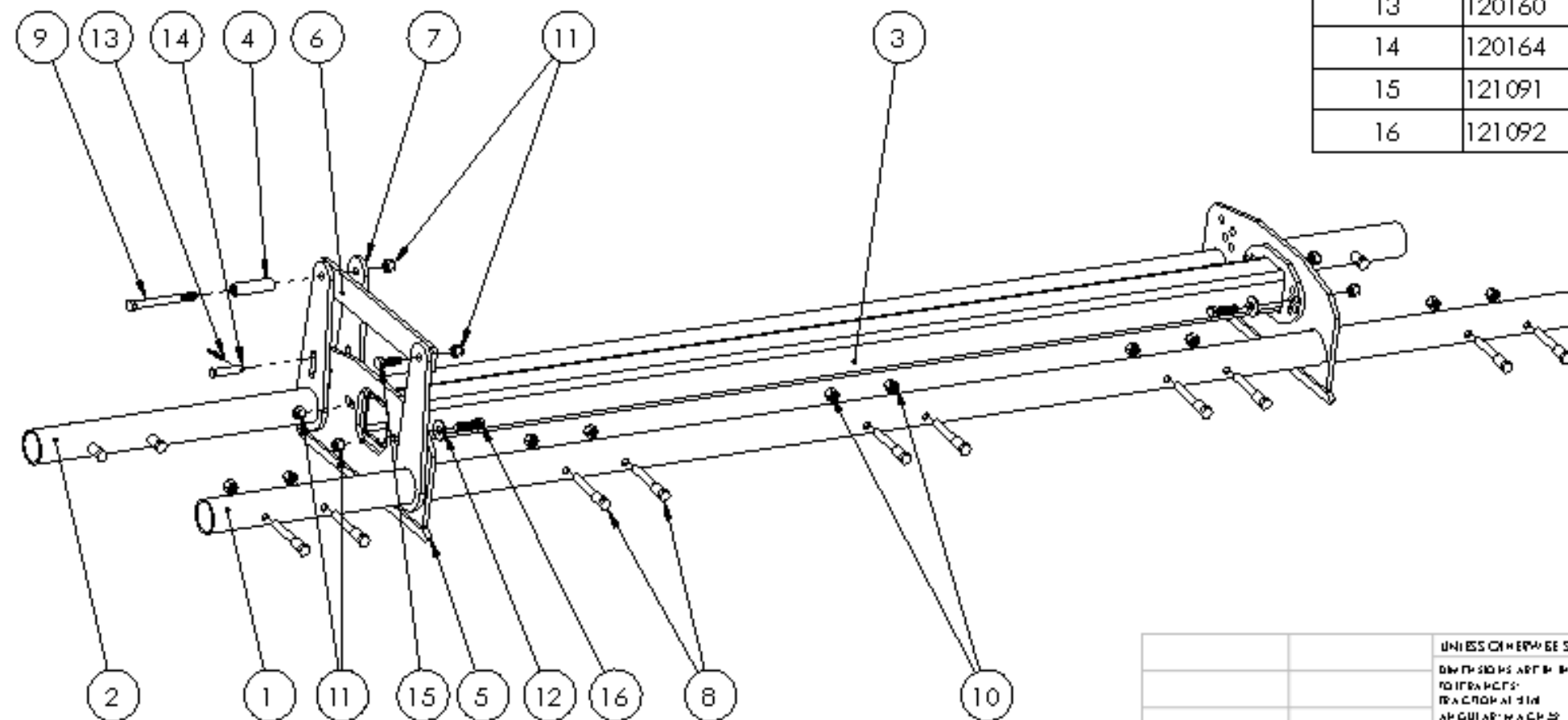
D

C

B

A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	122303	"HARROW PIPE, MTD, 10' 2BAR #1"	1
2	122304	"HARROW PIPE, MTD, 10' 2BAR #2"	1
3	120379	CROSSPIECE H FRAM 10' MTD	1
4	120387	Adjustment Spacer	1
5	121899	MTD SECTION FRAME 2 BAR	2
6	122236	Linkage Bar MTD 2 Bar 15"	1
7	121873	EAR HARROW PIPE SLOTTED	1
8	120094	1/2"x3.75" Shoulder bolt	20
9	120097	BOLT 1/2-13 X 5 GR5 PLTD	1
10	120136	Nut Nylock 1/2-13 GR5 YELLOW PLTD	20
11	120137	NUT NYLOCK 1/2-13 GR5 PLTD	6
12	120150	WASHER FLAT 1/2" PLTD	4
13	120160	PIN HAIR PIN CLIP #16	1
14	120164	PIN CLEVIS 1/2 X 2 PLTD	1
15	121091	Bolt 1/2-13 x 1-1/2 GR5 PLTD	1
16	121092	BOLT 1/2-13 X 1-3/4 GR5 PLTD	4



PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING INC. ANY REPRODUCTION THEREOF AS A WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING INC. IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONS ±.015
DECIMALS ±.005
HOLE PLACES ±.005
HOLE PLACES ±.005
HOLE PLACES ±.005

THIS ANGLES

WATTEN

FINISH

DO NOT SCALE DRAWING

SCALE: 1:10

PAGE

DATE

DRAWN

BY

11-18-18

CHECKED

ENG APPR

MFG APPR

QA

COMMENTS

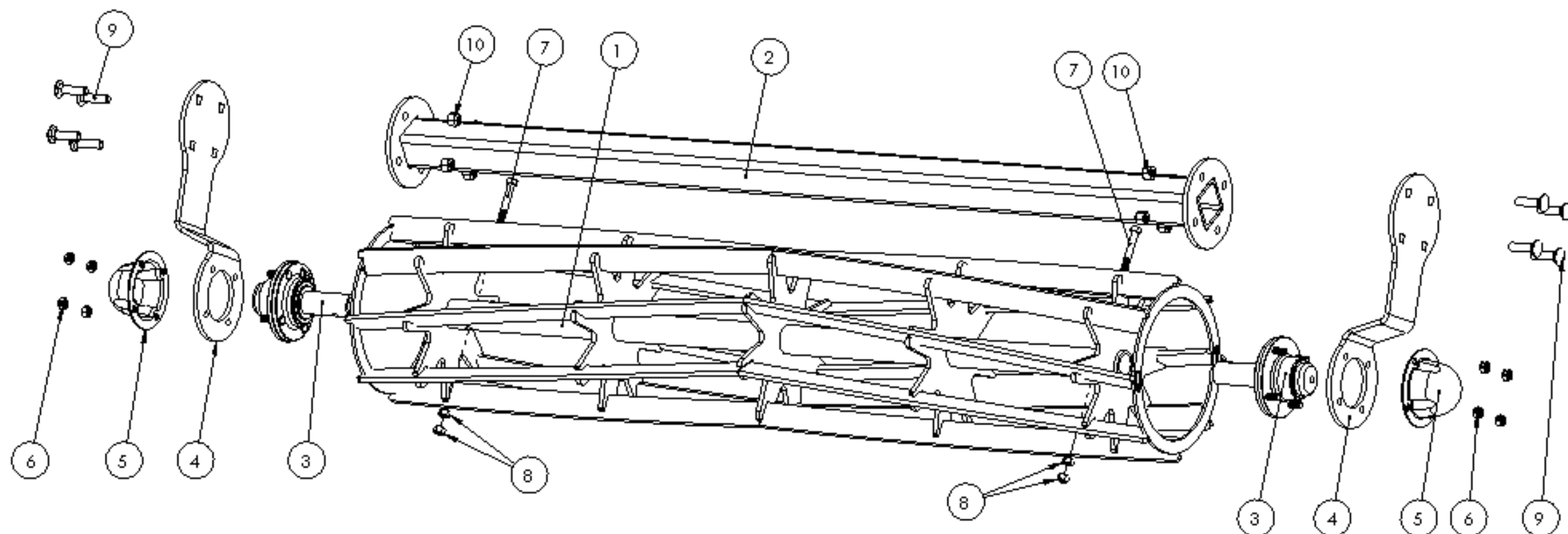


DESCRIPTION:
2 Bar Mounted Frame Assy 10'

SIZE PART NUMBER: REV
B 124067

WEIGHT: 155.09 SHEET 2 OF 2

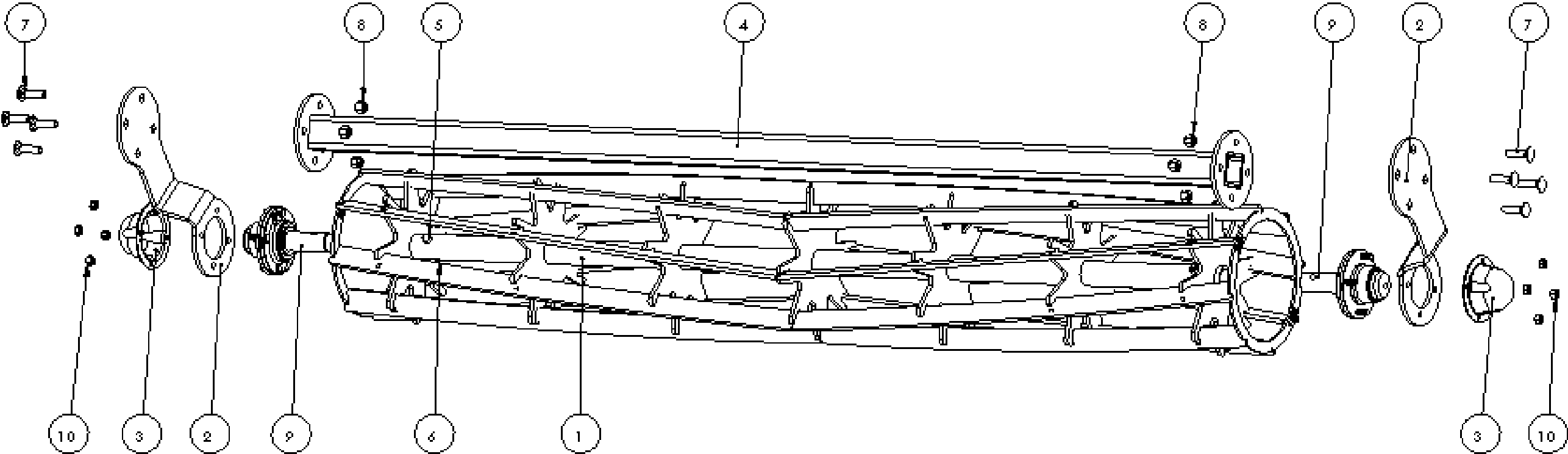
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	123887	Weldment Basket 6' Flat Bar	1
2	122336	WELDMENT FRAME 6' ROLLING BASKET	1
3	126862	CLTR HUB & SINGLE END SPINDLE ASM 17/32 CROSS HOLE	2
4	121413	FLCUT SIDE PLATE ROLLING BASKET	2
5	123629	HARDHAT CLTR HUB	2
6	126209	Nut Side/Center Lock 1/2-20 Pltd Fine Thread	8
7	126334	Bolt 1/2-13x3-1/2 Grade 8 YZ Plated	2
8	127290	Center Lock Nut 1/2-13	4
9	123878	Bolt 5/8-11 x 2 Carriage GR5 PLTD	8
10	120138	Nut Nylock 5/8-11 GR5 PLTD	8



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING, INC. IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES FRACTIONS ARE 1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2, 3 3/4, 4, 4 1/4, 4 1/2, 4 3/4, 5, 5 1/4, 5 1/2, 5 3/4, 6, 6 1/4, 6 1/2, 6 3/4, 7, 7 1/4, 7 1/2, 7 3/4, 8, 8 1/4, 8 1/2, 8 3/4, 9, 9 1/4, 9 1/2, 9 3/4, 10, 10 1/4, 10 1/2, 10 3/4, 11, 11 1/4, 11 1/2, 11 3/4, 12, 12 1/4, 12 1/2, 12 3/4, 13, 13 1/4, 13 1/2, 13 3/4, 14, 14 1/4, 14 1/2, 14 3/4, 15, 15 1/4, 15 1/2, 15 3/4, 16, 16 1/4, 16 1/2, 16 3/4, 17, 17 1/4, 17 1/2, 17 3/4, 18, 18 1/4, 18 1/2, 18 3/4, 19, 19 1/4, 19 1/2, 19 3/4, 20, 20 1/4, 20 1/2, 20 3/4, 21, 21 1/4, 21 1/2, 21 3/4, 22, 22 1/4, 22 1/2, 22 3/4, 23, 23 1/4, 23 1/2, 23 3/4, 24, 24 1/4, 24 1/2, 24 3/4, 25, 25 1/4, 25 1/2, 25 3/4, 26, 26 1/4, 26 1/2, 26 3/4, 27, 27 1/4, 27 1/2, 27 3/4, 28, 28 1/4, 28 1/2, 28 3/4, 29, 29 1/4, 29 1/2, 29 3/4, 30, 30 1/4, 30 1/2, 30 3/4, 31, 31 1/4, 31 1/2, 31 3/4, 32, 32 1/4, 32 1/2, 32 3/4, 33, 33 1/4, 33 1/2, 33 3/4, 34, 34 1/4, 34 1/2, 34 3/4, 35, 35 1/4, 35 1/2, 35 3/4, 36, 36 1/4, 36 1/2, 36 3/4, 37, 37 1/4, 37 1/2, 37 3/4, 38, 38 1/4, 38 1/2, 38 3/4, 39, 39 1/4, 39 1/2, 39 3/4, 40, 40 1/4, 40 1/2, 40 3/4, 41, 41 1/4, 41 1/2, 41 3/4, 42, 42 1/4, 42 1/2, 42 3/4, 43, 43 1/4, 43 1/2, 43 3/4, 44, 44 1/4, 44 1/2, 44 3/4, 45, 45 1/4, 45 1/2, 45 3/4, 46, 46 1/4, 46 1/2, 46 3/4, 47, 47 1/4, 47 1/2, 47 3/4, 48, 48 1/4, 48 1/2, 48 3/4, 49, 49 1/4, 49 1/2, 49 3/4, 50, 50 1/4, 50 1/2, 50 3/4, 51, 51 1/4, 51 1/2, 51 3/4, 52, 52 1/4, 52 1/2, 52 3/4, 53, 53 1/4, 53 1/2, 53 3/4, 54, 54 1/4, 54 1/2, 54 3/4, 55, 55 1/4, 55 1/2, 55 3/4, 56, 56 1/4, 56 1/2, 56 3/4, 57, 57 1/4, 57 1/2, 57 3/4, 58, 58 1/4, 58 1/2, 58 3/4, 59, 59 1/4, 59 1/2, 59 3/4, 60, 60 1/4, 60 1/2, 60 3/4, 61, 61 1/4, 61 1/2, 61 3/4, 62, 62 1/4, 62 1/2, 62 3/4, 63, 63 1/4, 63 1/2, 63 3/4, 64, 64 1/4, 64 1/2, 64 3/4, 65, 65 1/4, 65 1/2, 65 3/4, 66, 66 1/4, 66 1/2, 66 3/4, 67, 67 1/4, 67 1/2, 67 3/4, 68, 68 1/4, 68 1/2, 68 3/4, 69, 69 1/4, 69 1/2, 69 3/4, 70, 70 1/4, 70 1/2, 70 3/4, 71, 71 1/4, 71 1/2, 71 3/4, 72, 72 1/4, 72 1/2, 72 3/4, 73, 73 1/4, 73 1/2, 73 3/4, 74, 74 1/4, 74 1/2, 74 3/4, 75, 75 1/4, 75 1/2, 75 3/4, 76, 76 1/4, 76 1/2, 76 3/4, 77, 77 1/4, 77 1/2, 77 3/4, 78, 78 1/4, 78 1/2, 78 3/4, 79, 79 1/4, 79 1/2, 79 3/4, 80, 80 1/4, 80 1/2, 80 3/4, 81, 81 1/4, 81 1/2, 81 3/4, 82, 82 1/4, 82 1/2, 82 3/4, 83, 83 1/4, 83 1/2, 83 3/4, 84, 84 1/4, 84 1/2, 84 3/4, 85, 85 1/4, 85 1/2, 85 3/4, 86, 86 1/4, 86 1/2, 86 3/4, 87, 87 1/4, 87 1/2, 87 3/4, 88, 88 1/4, 88 1/2, 88 3/4, 89, 89 1/4, 89 1/2, 89 3/4, 90, 90 1/4, 90 1/2, 90 3/4, 91, 91 1/4, 91 1/2, 91 3/4, 92, 92 1/4, 92 1/2, 92 3/4, 93, 93 1/4, 93 1/2, 93 3/4, 94, 94 1/4, 94 1/2, 94 3/4, 95, 95 1/4, 95 1/2, 95 3/4, 96, 96 1/4, 96 1/2, 96 3/4, 97, 97 1/4, 97 1/2, 97 3/4, 98, 98 1/4, 98 1/2, 98 3/4, 99, 99 1/4, 99 1/2, 99 3/4, 100, 100 1/4, 100 1/2, 100 3/4, 101, 101 1/4, 101 1/2, 101 3/4, 102, 102 1/4, 102 1/2, 102 3/4, 103, 103 1/4, 103 1/2, 103 3/4, 104, 104 1/4, 104 1/2, 104 3/4, 105, 105 1/4, 105 1/2, 105 3/4, 106, 106 1/4, 106 1/2, 106 3/4, 107, 107 1/4, 107 1/2, 107 3/4, 108, 108 1/4, 108 1/2, 108 3/4, 109, 109 1/4, 109 1/2, 109 3/4, 110, 110 1/4, 110 1/2, 110 3/4, 111, 111 1/4, 111 1/2, 111 3/4, 112, 112 1/4, 112 1/2, 112 3/4, 113, 113 1/4, 113 1/2, 113 3/4, 114, 114 1/4, 114 1/2, 114 3/4, 115, 115 1/4, 115 1/2, 115 3/4, 116, 116 1/4, 116 1/2, 116 3/4, 117, 117 1/4, 117 1/2, 117 3/4, 118, 118 1/4, 118 1/2, 118 3/4, 119, 119 1/4, 119 1/2, 119 3/4, 120, 120 1/4, 120 1/2, 120 3/4, 121, 121 1/4, 121 1/2, 121 3/4, 122, 122 1/4, 122 1/2, 122 3/4, 123, 123 1/4, 123 1/2, 123 3/4, 124, 124 1/4, 124 1/2, 124 3/4, 125, 125 1/4, 125 1/2, 125 3/4, 126, 126 1/4, 126 1/2, 126 3/4, 127, 127 1/4, 127 1/2, 127 3/4, 128, 128 1/4, 128 1/2, 128 3/4, 129, 129 1/4, 129 1/2, 129 3/4, 130, 130 1/4, 130 1/2, 130 3/4, 131, 131 1/4, 131 1/2, 131 3/4, 132, 132 1/4, 132 1/2, 132 3/4, 133, 133 1/4, 133 1/2, 133 3/4, 134, 134 1/4, 134 1/2, 134 3/4, 135, 135 1/4, 135 1/2, 135 3/4, 136, 136 1/4, 136 1/2, 136 3/4, 137, 137 1/4, 137 1/2, 137 3/4, 138, 138 1/4, 138 1/2, 138 3/4, 139, 139 1/4, 139 1/2, 139 3/4, 140, 140 1/4, 140 1/2, 140 3/4, 141, 141 1/4, 141 1/2, 141 3/4, 142, 142 1/4, 142 1/2, 142 3/4, 143, 143 1/4, 143 1/2, 143 3/4, 144, 144 1/4, 144 1/2, 144 3/4, 145, 145 1/4, 145 1/2, 145 3/4, 146, 146 1/4, 146 1/2, 146 3/4, 147, 147 1/4, 147 1/2, 147 3/4, 148, 148 1/4, 148 1/2, 148 3/4, 149, 149 1/4, 149 1/2, 149 3/4, 150, 150 1/4, 150 1/2, 150 3/4, 151, 151 1/4, 151 1/2, 151 3/4, 152, 152 1/4, 152 1/2, 152 3/4, 153, 153 1/4, 153 1/2, 153 3/4, 154, 154 1/4, 154 1/2, 154 3/4, 155, 155 1/4, 155 1/2, 155 3/4, 156, 156 1/4, 156 1/2, 156 3/4, 157, 157 1/4, 157 1/2, 157 3/4, 158, 158 1/4, 158 1/2, 158 3/4, 159, 159 1/4, 159 1/2, 159 3/4, 160, 160 1/4, 160 1/2, 160 3/4, 161, 161 1/4, 161 1/2, 161 3/4, 162, 162 1/4, 162 1/2, 162 3/4, 163, 163 1/4, 163 1/2, 163 3/4, 164, 164 1/4, 164 1/2, 164 3/4, 165, 165 1/4, 165 1/2, 165 3/4, 166, 166 1/4, 166 1/2, 166 3/4, 167, 167 1/4, 167 1/2, 167 3/4, 168, 168 1/4, 168 1/2, 168 3/4, 169, 169 1/4, 169 1/2, 169 3/4, 170, 170 1/4, 170 1/2, 170 3/4, 171, 171 1/4, 171 1/2, 171 3/4, 172, 172 1/4, 172 1/2, 172 3/4, 173, 173 1/4, 173 1/2, 173 3/4, 174, 174 1/4, 174 1/2, 174 3/4, 175, 175 1/4, 175 1/2, 175 3/4, 176, 176 1/4, 176 1/2, 176 3/4, 177, 177 1/4, 177 1/2, 177 3/4, 178, 178 1/4, 178 1/2, 178 3/4, 179, 179 1/4, 179 1/2, 179 3/4, 180, 180 1/4, 180 1/2, 180 3/4, 181, 181 1/4, 181 1/2, 181 3/4, 182, 182 1/4, 182 1/2, 182 3/4, 183, 183 1/4, 183 1/2, 183 3/4, 184, 184 1/4, 184 1/2, 184 3/4, 185, 185 1/4, 185 1/2, 185 3/4, 186, 186 1/4, 186 1/2, 186 3/4, 187, 187 1/4, 187 1/2, 187 3/4, 188, 188 1/4, 188 1/2, 188 3/4, 189, 189 1/4, 189 1/2, 189 3/4, 190, 190 1/4, 190 1/2, 190 3/4, 191, 191 1/4, 191 1/2, 191 3/4, 192, 192 1/4, 192 1/2, 192 3/4, 193, 193 1/4, 193 1/2, 193 3/4, 194, 194 1/4, 194 1/2, 194 3/4, 195, 195 1/4, 195 1/2, 195 3/4, 196, 196 1/4, 196 1/2, 196 3/4, 197, 197 1/4, 197 1/2, 197 3/4, 198, 198 1/4, 198 1/2, 198 3/4, 199, 199 1/4, 199 1/2, 199 3/4, 200, 200 1/4, 200 1/2, 200 3/4, 201, 201 1/4, 201 1/2, 201 3/4, 202, 202 1/4, 202 1/2, 202 3/4, 203, 203 1/4, 203 1/2, 203 3/4, 204, 204 1/4, 204 1/2, 204 3/4, 205, 205 1/4, 205 1/2, 205 3/4, 206, 206 1/4, 206 1/2, 206 3/4, 207, 207 1/4, 207 1/2, 207 3/4, 208, 208 1/4, 208 1/2, 208 3/4, 209, 209 1/4, 209 1/2, 209 3/4, 210, 210 1/4, 210 1/2, 210 3/4, 211, 211 1/4, 211 1/2, 211 3/4, 212, 212 1/4, 212 1/2, 212 3/4, 213, 213 1/4, 213 1/2, 213 3/4, 214, 214 1/4, 214 1/2, 214 3/4, 215, 215 1/4, 215 1/2, 215 3/4, 216, 216 1/4, 216 1/2, 216 3/4, 217, 217 1/4, 217 1/2, 217 3/4, 218, 218 1/4, 218 1/2, 218 3/4, 219, 219 1/4, 219 1/2, 219 3/4, 220, 220 1/4, 220 1/2, 220 3/4, 221, 221 1/4, 221 1/2, 221 3/4, 222, 222 1/4, 222 1/2, 222 3/4, 223, 223 1/4, 223 1/2, 223 3/4, 224, 224 1/4, 224 1/2, 224 3/4, 225, 225 1/4, 225 1/2, 225 3/4, 226, 226 1/4, 226 1/2, 226 3/4, 227, 227 1/4, 227 1/2, 227 3/4, 228, 228 1/4, 228 1/2, 228 3/4, 229, 229 1/4, 229 1/2, 229 3/4, 230, 230 1/4, 230 1/2, 230 3/4, 231, 231 1/4, 231 1/2, 231 3/4, 232, 232 1/4, 232 1/2, 232 3/4, 233, 233 1/4, 233 1/2, 233 3/4, 234, 234 1/4, 234 1/2, 234 3/4, 235, 235 1/4, 235 1/2, 235 3/4, 236, 236 1/4, 236 1/2, 236 3/4, 237, 237 1/4, 237 1/2, 237 3/4, 238, 238 1/4, 238 1/2, 238 3/4, 239, 239 1/4, 239 1/2, 239 3/4, 240, 240 1/4, 240 1/2, 240 3/4, 241, 241 1/4, 241 1/2, 241 3/4, 242, 242 1/4, 242 1/2, 242 3/4, 243, 243 1/4, 243 1/2, 243 3/4, 244, 244 1/4, 244 1/2, 244 3/4, 245, 245 1/4, 245 1/2, 245 3/4, 246, 246 1/4, 246 1/2, 246 3/4, 247, 247 1/4, 247 1/2, 247 3/4, 248, 248 1/4, 248 1/2, 248 3/4, 249, 249 1/4, 249 1/2, 249 3/4, 250, 250 1/4, 250 1/2, 250 3/4, 251, 251 1/4, 251 1/2, 251 3/4, 252, 252 1/4, 252 1/2, 252 3/4, 253, 253 1/4, 253 1/2, 253 3/4, 254, 254 1/4, 254 1/2, 254 3/4, 255, 255 1/4, 255 1/2, 255 3/4, 256, 256 1/4, 256 1/2, 256 3/4, 257, 257 1/4, 257 1/2, 257 3/4, 258, 258 1/4, 258 1/2, 258 3/4, 259, 259 1/4, 259 1/2, 259 3/4, 260, 260 1/4, 260 1/2, 260 3/4, 261, 261 1/4, 261 1/2, 261 3/4, 262, 262 1/4, 262 1/2, 262 3/4, 263, 263 1/4, 263 1/2, 263 3/4, 264, 264 1/4, 264 1/2, 264 3/4, 265, 265 1/4, 265 1/2, 265 3/4, 266, 266 1/4, 266 1/2, 266 3/4, 267, 267 1/4, 267 1/2, 267 3/4, 268, 268 1/4, 268 1/2, 268 3/4, 269, 269 1/4, 269 1/2, 269 3/4, 270, 270 1/4, 270 1/2, 270 3/4, 271, 271 1/4, 271 1/2, 271 3/4, 272, 272 1/4, 272 1/2, 272 3/4, 273, 273 1/4, 273 1/2, 273 3/4, 274, 274 1/4, 274 1/2, 274 3/4, 275, 275 1/4, 275 1/2, 275 3/4, 276, 276 1/4, 276 1/2, 276 3/4, 277, 277 1/4, 277 1/2, 277 3/4, 278, 278 1/4, 278 1/2, 278 3/4, 279, 279 1/4, 279 1/2, 279 3/4, 280, 280 1/4, 280 1/2, 280 3/4, 281, 281 1/4, 281 1/2, 281 3/4, 282, 282 1/4, 282 1/2, 282 3/4, 283, 283 1/4, 283 1/2, 283 3/4, 284, 284 1/4, 284 1/2, 284 3/4, 285, 285 1/4, 285 1/2, 285 3/4, 286, 286 1/4, 286 1/2, 286 3/4, 287, 287 1/4, 287 1/2, 287 3/4, 288, 288 1/4, 288 1/2, 288 3/4, 289, 289 1/4, 289 1/2, 289 3/4, 290, 290 1/4, 290 1/2, 290 3/4, 291, 291 1/4, 291 1/2, 291 3/4, 292, 292 1/4, 292 1/2, 292 3/4, 293, 293 1/4, 293 1/2, 293 3/4, 294, 294 1/4, 294 1/2, 294 3/4, 295, 295 1/4, 295 1/2, 295 3/4, 296, 296 1/4, 296 1/2, 296 3/4, 297, 297 1/4, 297 1/2, 297 3/4, 298, 298 1/4, 298 1/2, 298 3/4, 299, 299 1/4, 299 1/2, 299 3/4, 300, 300 1/4, 300 1/2, 300 3/4, 301, 301 1/4, 301 1/2, 301 3/4, 302, 302 1/4, 302 1/2, 302 3/4, 303, 303 1/4, 303 1/2, 303 3/4, 304, 304 1/4, 304 1/2, 304 3/4, 305, 305 1/4, 305 1/2, 305 3/4, 306, 306 1/4, 306 1/2, 306 3/4, 307, 307 1/4, 307 1/2, 307 3/4, 308, 308 1/4, 308 1/2, 308 3/4, 309, 309 1/4, 309 1/2, 309 3/4, 310, 310 1/4, 310 1/2, 310 3/4, 311, 311 1/4, 311 1/2, 311 3/4, 312, 312 1/4, 312 1/2, 312 3/4, 313, 313 1/4, 313 1/2, 313 3/4, 314, 314 1/4, 314 1/2, 314 3/4, 315, 315 1/4, 315 1/2, 315 3/4, 316, 316 1/4, 316 1/2, 316 3/4, 317, 317 1/4, 317 1/2, 317 3/4, 318, 318 1/4, 318 1/2, 318 3/4, 319, 319 1/4, 319 1/2, 319 3/4, 320, 320 1/4, 320 1/2, 320 3/4, 321, 321 1/4, 321 1/2, 321 3/4, 322, 322 1/4, 322 1/2, 322 3/4, 323, 323 1/4, 323 1/2, 323 3/4, 324, 324 1/4, 324 1/2, 324 3/4, 325, 325 1/4, 325 1/2, 325 3/4, 326, 326 1/4, 326 1/2, 326 3/4, 327, 327 1/4, 327 1/2, 327 3/4, 328, 328 1/4, 328 1/2, 328 3/4, 329, 329 1/4, 329 1/2, 329 3/4, 330, 330 1/4, 330 1/2, 330 3/4, 331, 331 1/4, 331 1/2, 331 3/4, 332, 332 1/4, 332 1/2, 332 3/4, 333, 333 1/4, 333 1/2, 333 3/4, 334, 334 1/4, 334 1/2, 334 3/4, 335, 335 1/4, 335 1/2, 335 3/4, 336, 336 1/4, 336 1/2, 336 3/4, 337, 337 1/4, 337 1/2, 337 3/4, 338, 338 1/4, 338 1/2, 338 3/4, 339, 339 1/4, 339 1/2, 339 3/4, 340, 340 1/4, 340 1/2, 340 3/4, 341, 341 1/4, 341 1/2, 341 3/4, 342, 342 1/4, 342 1/2, 342 3/4, 343, 343 1/4, 343 1/2, 343 3/4, 344, 344 1/4, 344 1/2, 344 3/4, 345, 345 1/4, 345 1/2, 345 3/4, 346, 346 1/4, 346 1/2, 346 3/4, 347, 347 1/4, 347 1/2, 347 3/4, 348, 348 1/4, 348 1/2, 348 3/4, 349, 349 1/4, 349 1/2, 349 3/4, 350, 350 1/4, 350 1/2, 350 3/4, 351, 351 1/4, 351 1/2, 351 3/4, 352, 352 1/4, 352 1/2, 352 3/4, 353, 353 1/4, 353 1/2, 353 3/4, 354, 354 1/4, 354 1/2, 354 3/4, 355, 355 1/4, 355 1/2, 355 3/4, 356, 356 1/4, 356 1/2, 356 3/4, 357, 357 1/4, 357 1/2, 357 3/4, 358, 358 1/4, 358 1/2, 358 3/4, 359, 359 1/4, 359 1/2, 359 3/4, 360, 360 1/4, 360 1/2, 360 3/4, 361, 361 1/4, 361 1/2, 361 3/4, 362, 362 1/4, 362 1/2, 362 3/4, 363, 363 1/4, 363 1/2, 363 3/4, 364, 364 1/4, 364 1/2, 364 3/4, 365, 365 1/4, 365 1/2, 365 3/4, 366, 366 1/4, 366 1/2, 366 3/4, 367, 367 1/4, 367 1/2, 367 3/4, 368, 368 1/4, 368 1/2, 368 3/4, 369, 369 1/4, 369 1/2, 369 3/4, 370, 370 1/4, 370 1/2, 370 3/4, 371, 371 1/4, 371 1/2, 371 3/4, 372, 372 1/4, 372 1/	
--	--

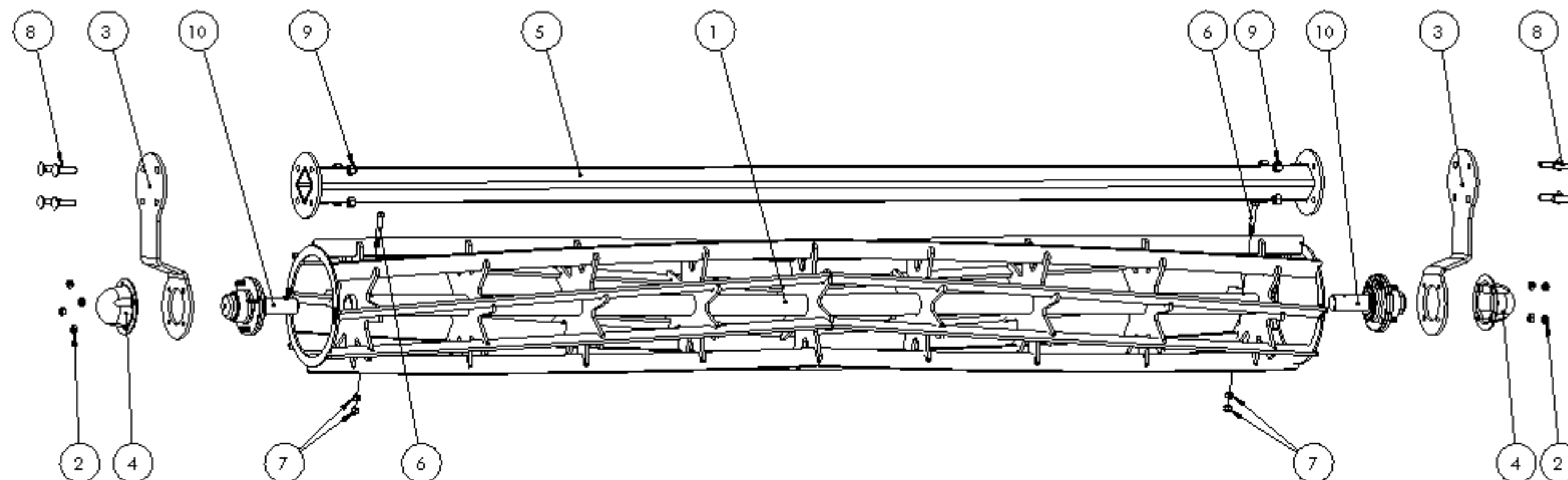
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	123903	WLD 8' ROLLING BASKET FLAT BAR	1
2	121413	FLCUT SIDE PLATE ROLLING BASKET	2
3	123629	HARDHAT CLTR HUB	2
4	122339	Weldment Frame 8' Rolling Basket	1
5	120092	Bolt 1/2-13 x 3 GR5 PLTD	2
6	120137	NUT NYLOCK 1/2-13 GR5 PLTD	2
7	123676	Bolt 5/8-11 x 2 Carriage GR5 PLTD	8
8	120138	Nut Nylock 5/8-11 GR5 PLTD	8
9	126862	CLTR HUB & SINGLE END SPINDLE AS M 17/32 CROSS HOLE	2
10	126209	Nut Side/Center Lock 1/2-20 Pld Fine Thread	8



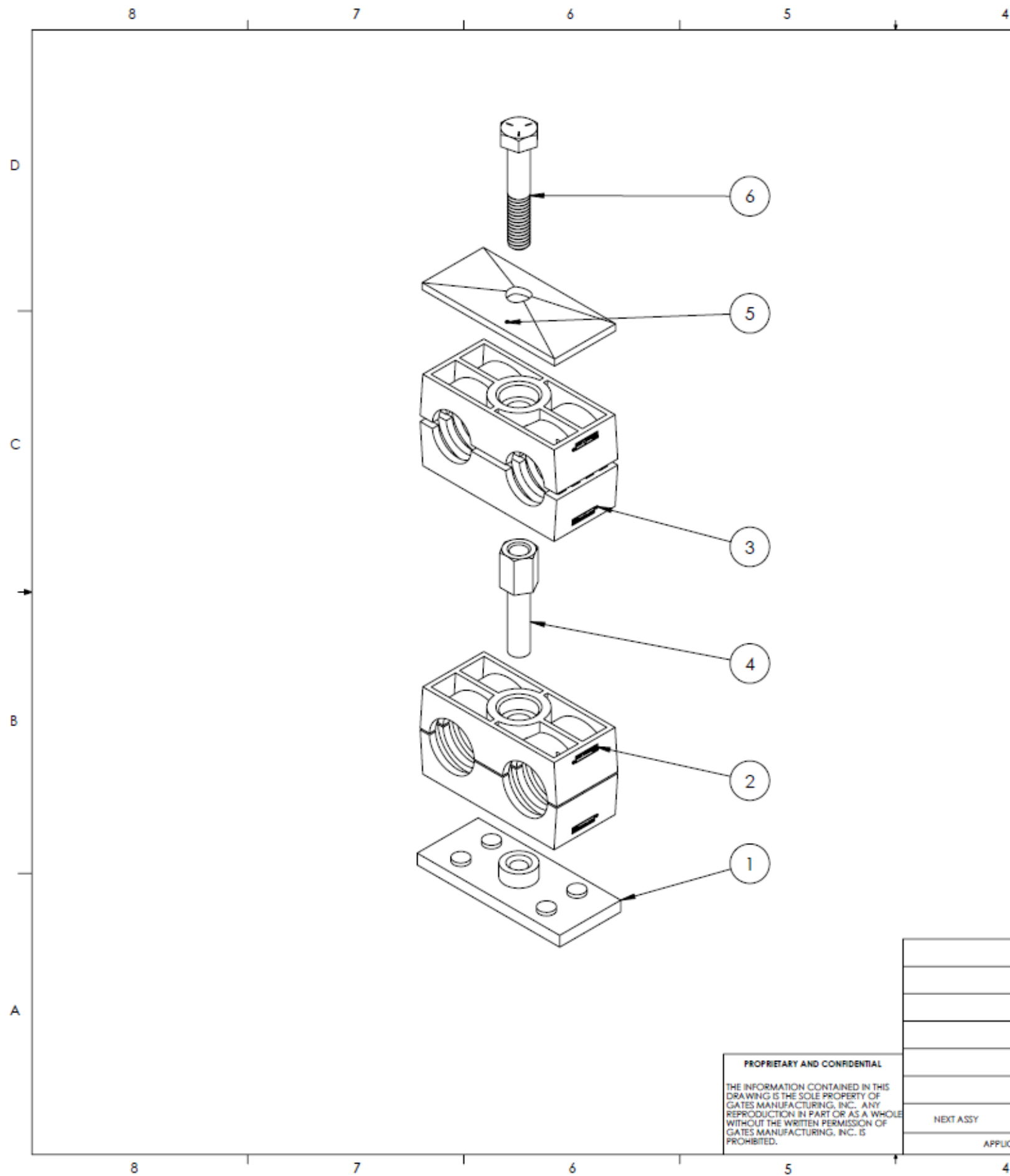
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
GATES MANUFACTURING, INC. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
GATES MANUFACTURING, INC. IS
PROHIBITED.

		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES FOR DECIMALS: FRACTIONAL DIM ANGULAR MEAS 2° 10' 30' TWO PLACE DECIMAL 1/101 THREE PLACE DECIMAL 1/1005	SCALE: 1:10	DRAWN	DATE	 DESCRIPTION: ASM 8' ROLLING BASKET FLAT BAR
		FINISHES: 	DRAWN	CHCKD		
		WATERMARK	ENG APPR	MFG APPR	QA	
		DATE	COMMENTS			
WGT ASSY	WGT OP	WGT	PAINT/GALV BLACK			SIZE B
APPLICATION		DO NOT SCALE DRAWING				PART NUMBER: 122650
						REV B-07
						WEIGHT: 289.60
						SHEET 1 OF 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	122643	WLD 10' ROLLING BASKET FLAT BAR	1
2	126209	Nut Side/Center Lock 1/2-20 Pltd Fine Thread	8
3	121413	FLCUT SIDE PLATE ROLLING BASKET	2
4	123629	HARDHAT CLTR HUB	2
5	122334	Weldment Frame 10' Rolling Basket	1
6	126334	Bolt 1/2-13x3-1/2 Grade 8 YZ Plated	2
7	127290	Center Lock Nut 1/2-13	4
8	123878	Bolt 5/8-11 x 2 Carriage GR5 PLTD	8
9	120138	Nut Nylock 5/8-11 GR5 PLTD	8
10	126862	CLTR HUB & SINGLE END SPINDLE ASM 1 7/32 CROSS HOLE	2



PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING INC. IS PROHIBITED.		UNITS OTHER THAN SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL SIZE ANGULAR: MAXIMUM 30° MINIMUM 30° TWO PLACE DECIMAL 0.01 THREE PLACE DECIMAL 0.005		SCALE: 1:12	NAME: SCOTT	DATE: 1/22/2013
MATERIAL:		FINISH:		GATES MANUFACTURING		
FINISH: PAINT GATES BLACK		COMMENTS:		DESCRIPTION: ASM 10' ROLLING BASKET FLAT BAR		
APPLICATION:		DO NOT SCALE DRAWING		SIZE: B PART NUMBER: 122644 REV:		
WEIGHT: 474.86				SHEET 1 OF 1		



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	121259	Weld Plate Twin Clamp	1
2	127097	Plastic Twin Clamp Pair .800	1
3	121256	Plastic Twin Clamp Pair .625	1
4	127096	Stacking Bolt For Twin Clamp	1
5	121257	Top Plate Twin Clamp	1
6	121037	Bolt 5/16-18 x 1-3/4 GR5 PLTD	1

Din 3015 Hose Clamp Components

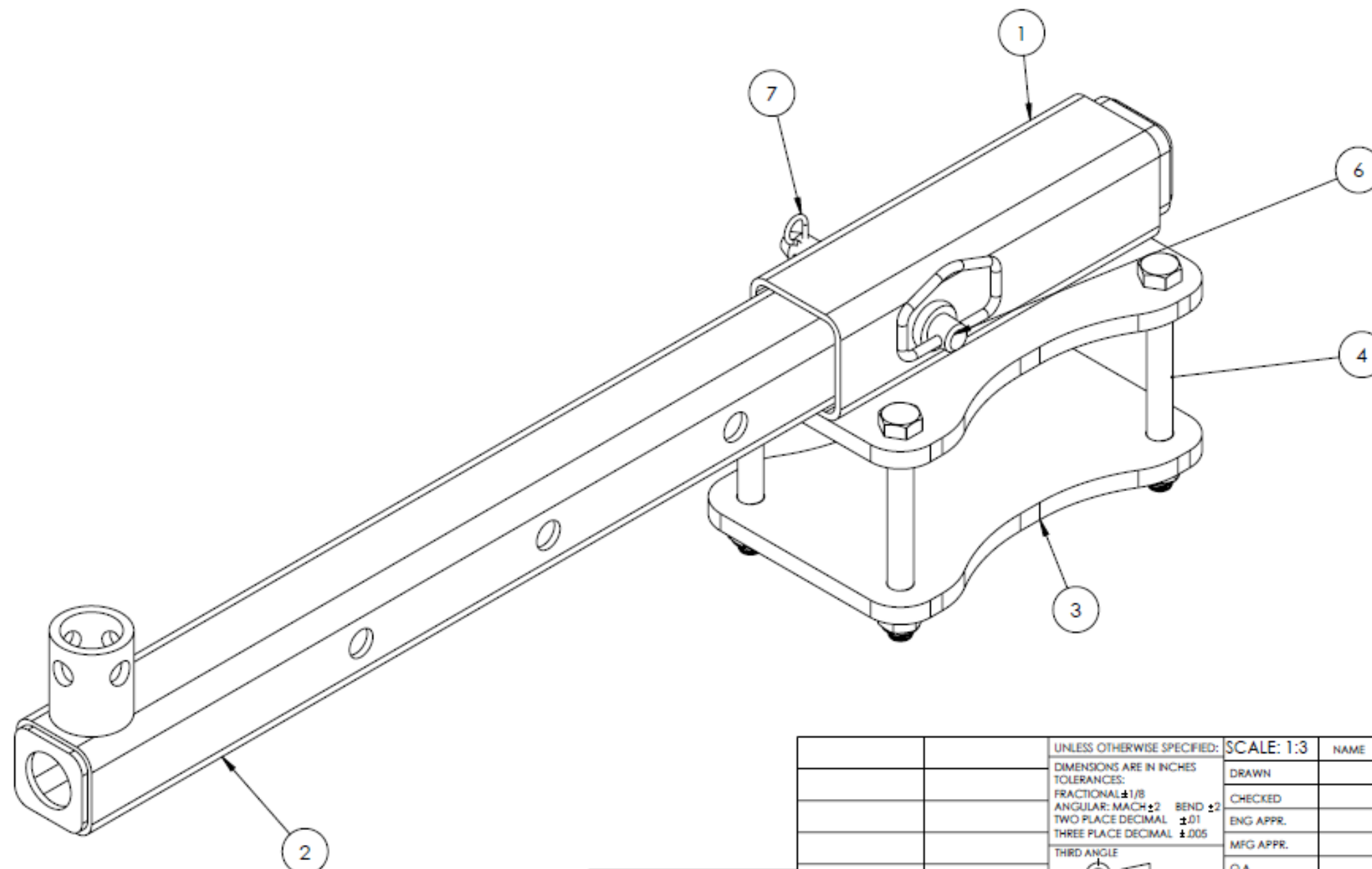
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING, INC. IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:		SCALE: 1:1.5	NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN		
TOLERANCES:		CHECKED		
FRACTIONAL $\pm 1/8$		ENG APPR.		
ANGULAR: MACH ± 2 BEND ± 2		MFG APPR.		
TWO PLACE DECIMAL $\pm .01$		Q.A.		
THREE PLACE DECIMAL $\pm .005$		COMMENTS:		
THIRD ANGLE				
MATERIAL				
FINISH				
NEXT ASSY	USED ON			
APPLICATION		DO NOT SCALE DRAWING		

GATES MANUFACTURING	
DESCRIPTION:	
SIZE B	PART NUMBER:
REV	
WEIGHT: 0.55	
SHEET 1 OF 1	

* For use with 5000lb Jack. Part number 124142

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	126842	Adjustable Jack Mount ASM	1
2	126845	Jack Slide ASM	1
3	126843	Adjustable Jack Mount Plate	1
4	120104	Bolt 5/8-11 x 6 GR5 PLTD	4
5	120138	Nut Nylock 5/8-11 GR5 PLTD	4
6	121811	Hitch Pin 3/4 x 4-3/4 Usable	1
7	120160	PIN HAIR PIN CLIP #16	1



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GATES MANUFACTURING, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GATES MANUFACTURING, INC. IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:		SCALE: 1:3	NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN		
TOLERANCES:		CHECKED		
FRACTIONAL $\pm 1/8$		ENG APPR.		
ANGULAR: MACH ± 2 BEND ± 2		MFG APPR.		
TWO PLACE DECIMAL ± 0.01		Q.A.		
THREE PLACE DECIMAL ± 0.005		COMMENTS:		
THIRD ANGLE				
MATERIAL				
FINISH				
NEXT ASSY	USED ON			
APPLICATION		DO NOT SCALE DRAWING		



DESCRIPTION:
Rear Jack ASM

SIZE B	PART NUMBER: 122853	REV A-03
WEIGHT: 43.68		SHEET 1 OF 1