

Figure 2: 252 with Heavy Duty Tamp Dimensions

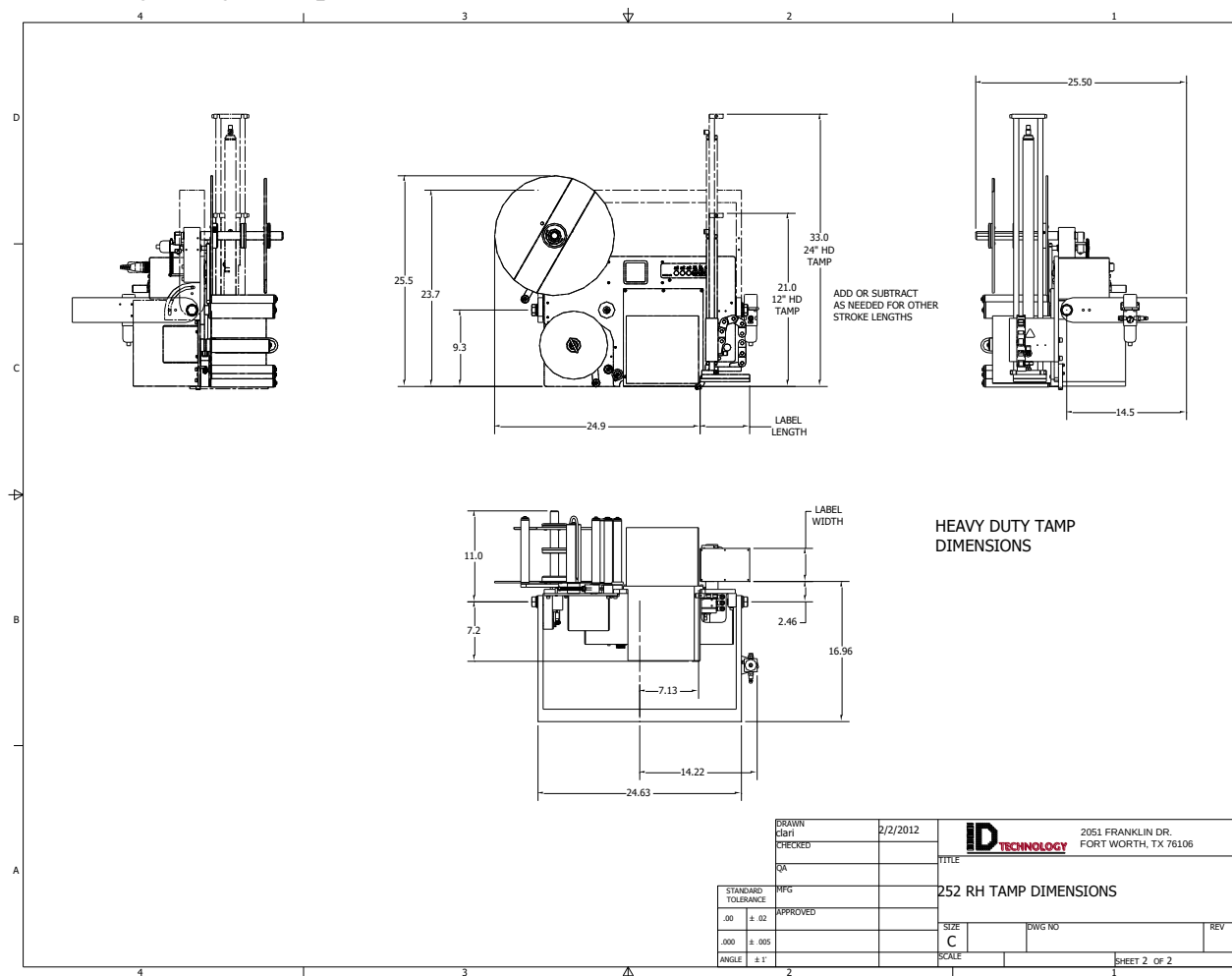


Figure 3: 252 with 3 Panel Tamp Nu/Nd Dimensions

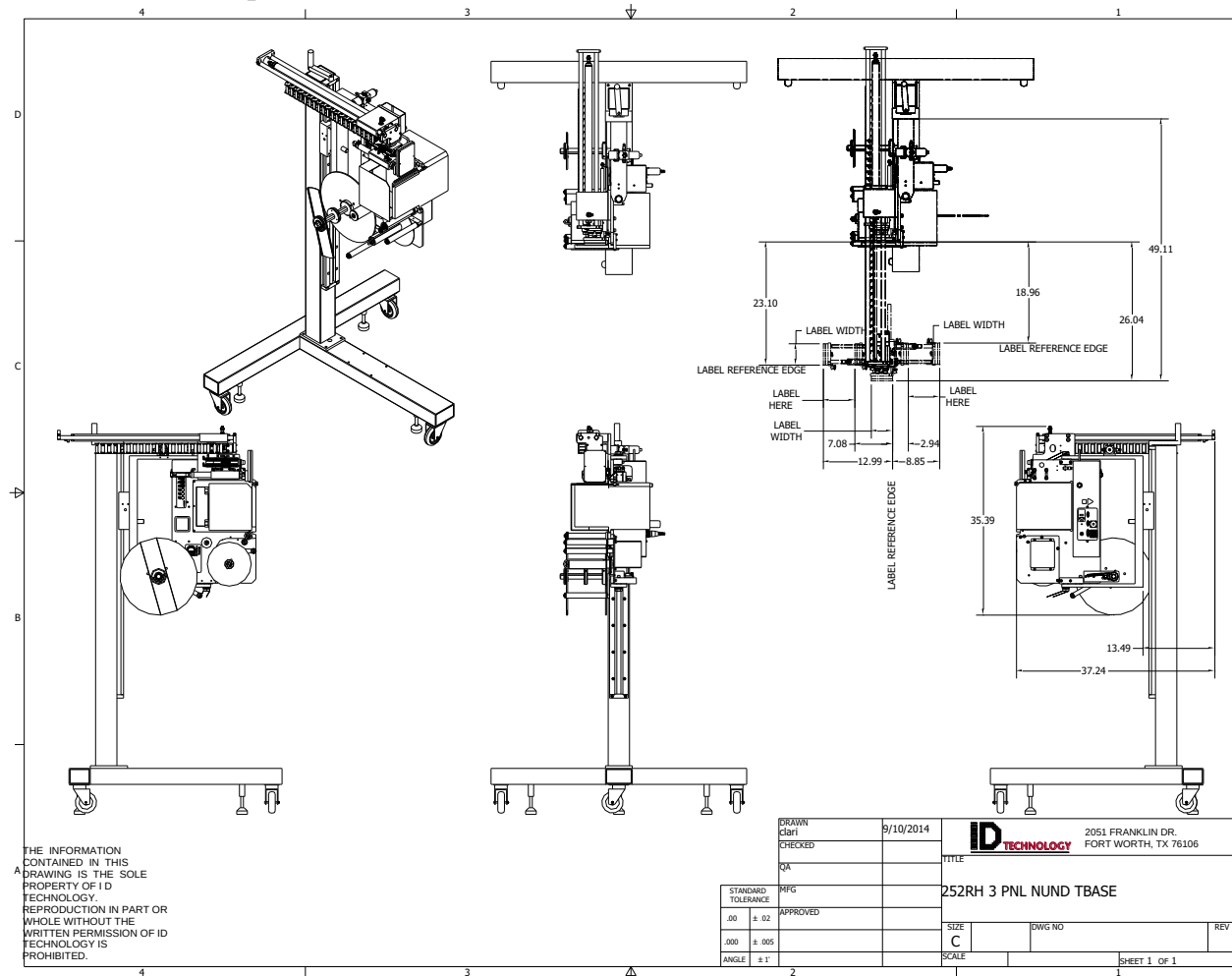


Figure 4: 252 with 3 Panel Tamp RU Dimensions

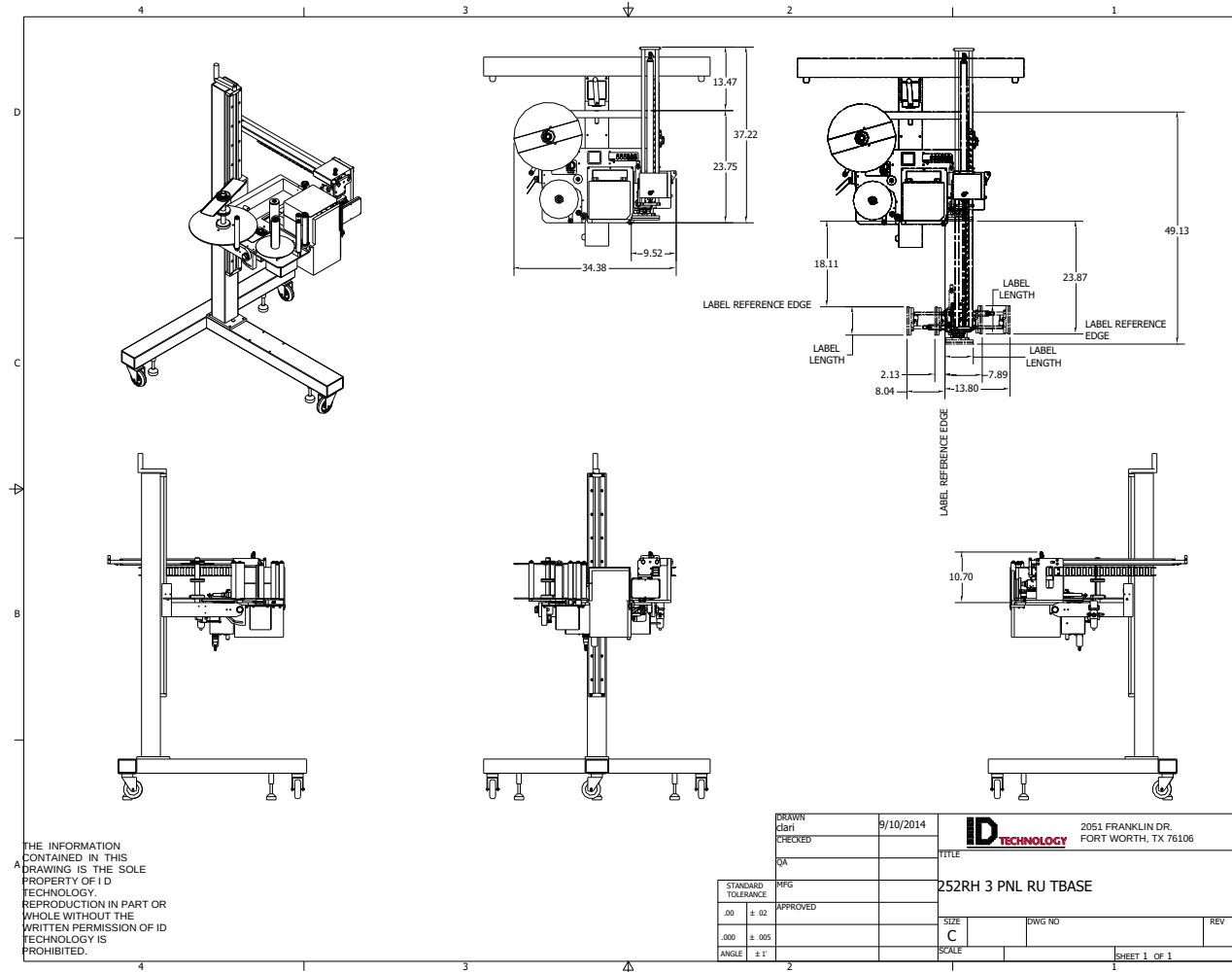


Figure 5: 252 with PowerMerge™ Module Basic Dimensions

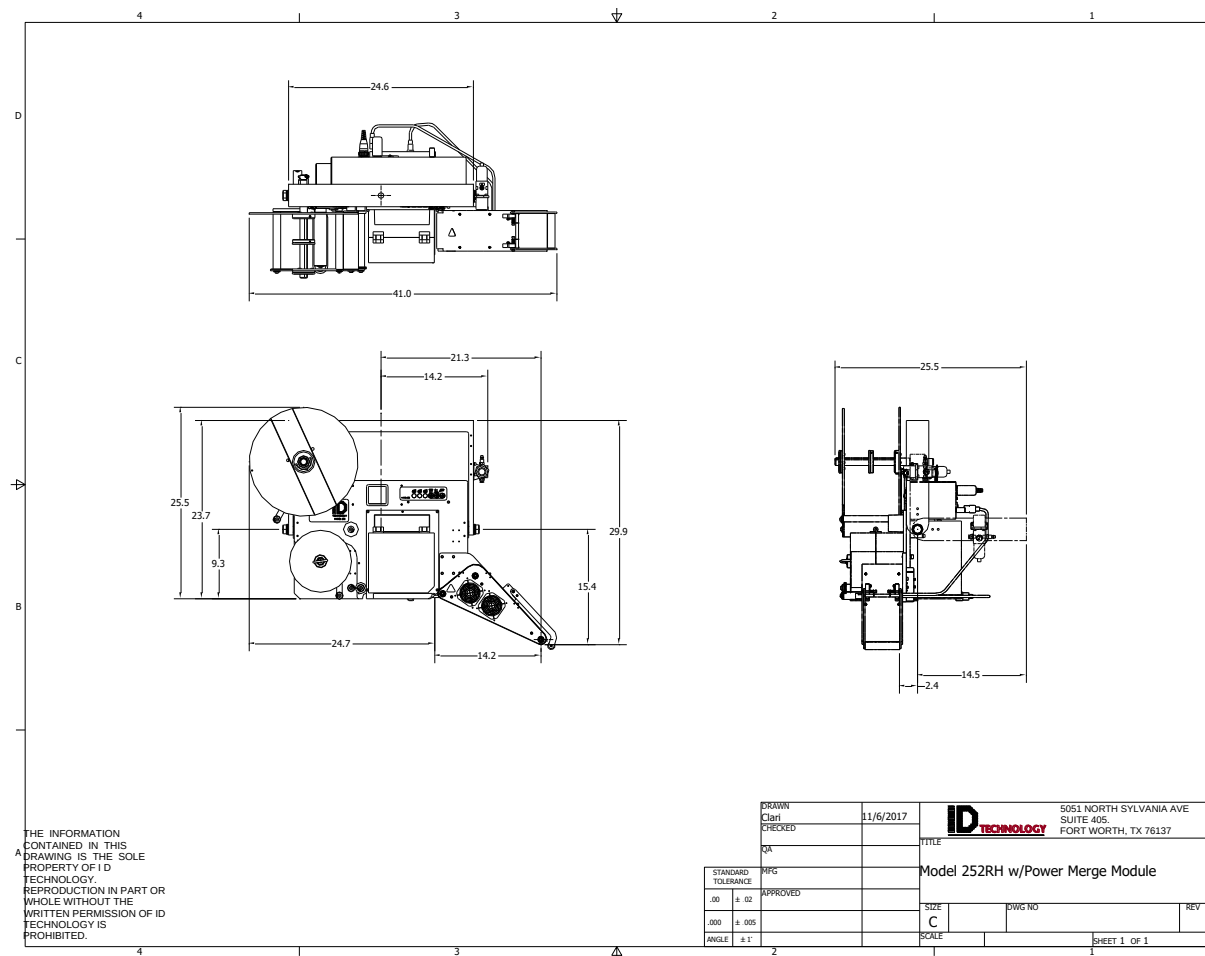


Figure 6: 252N Basic Dimensions

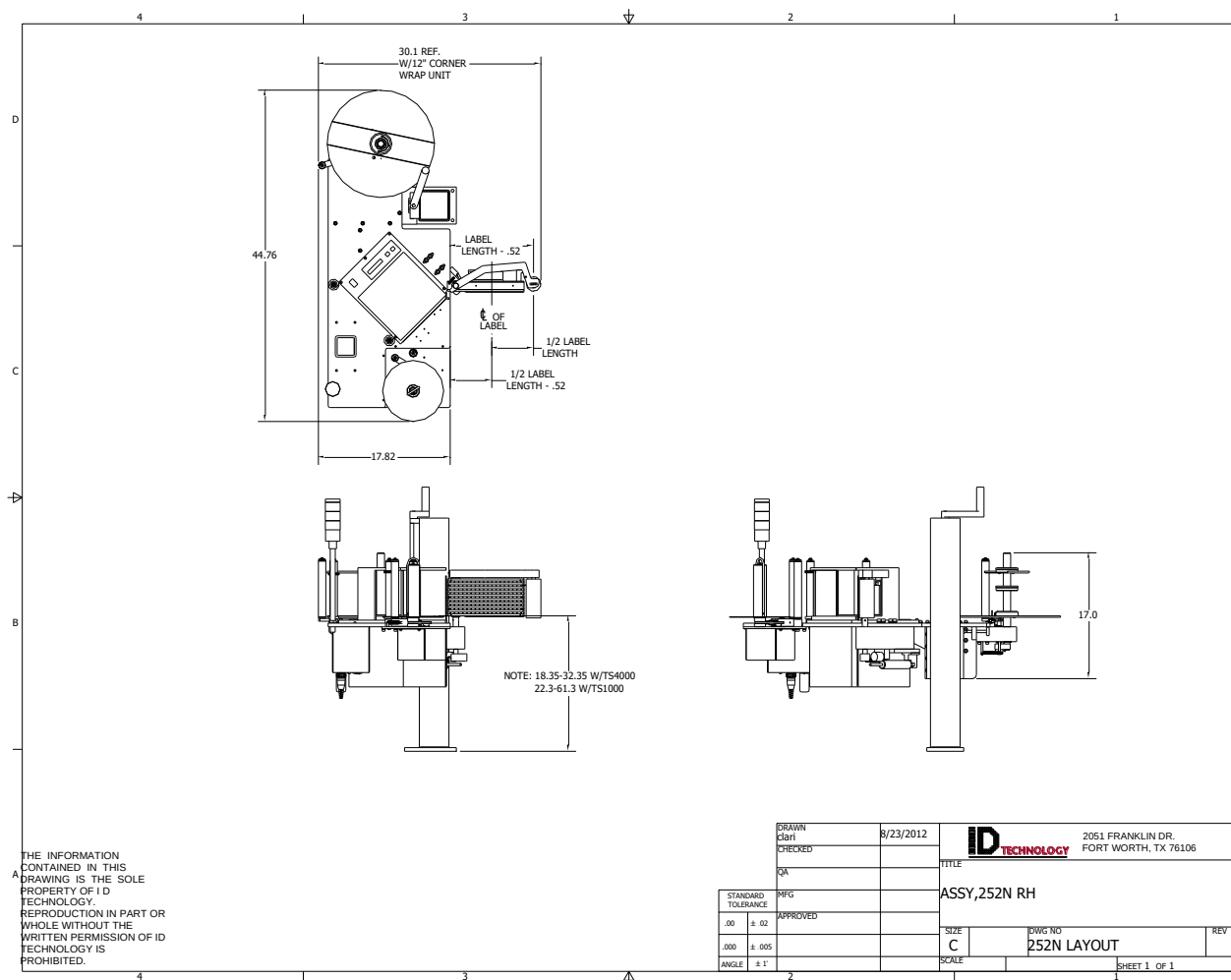
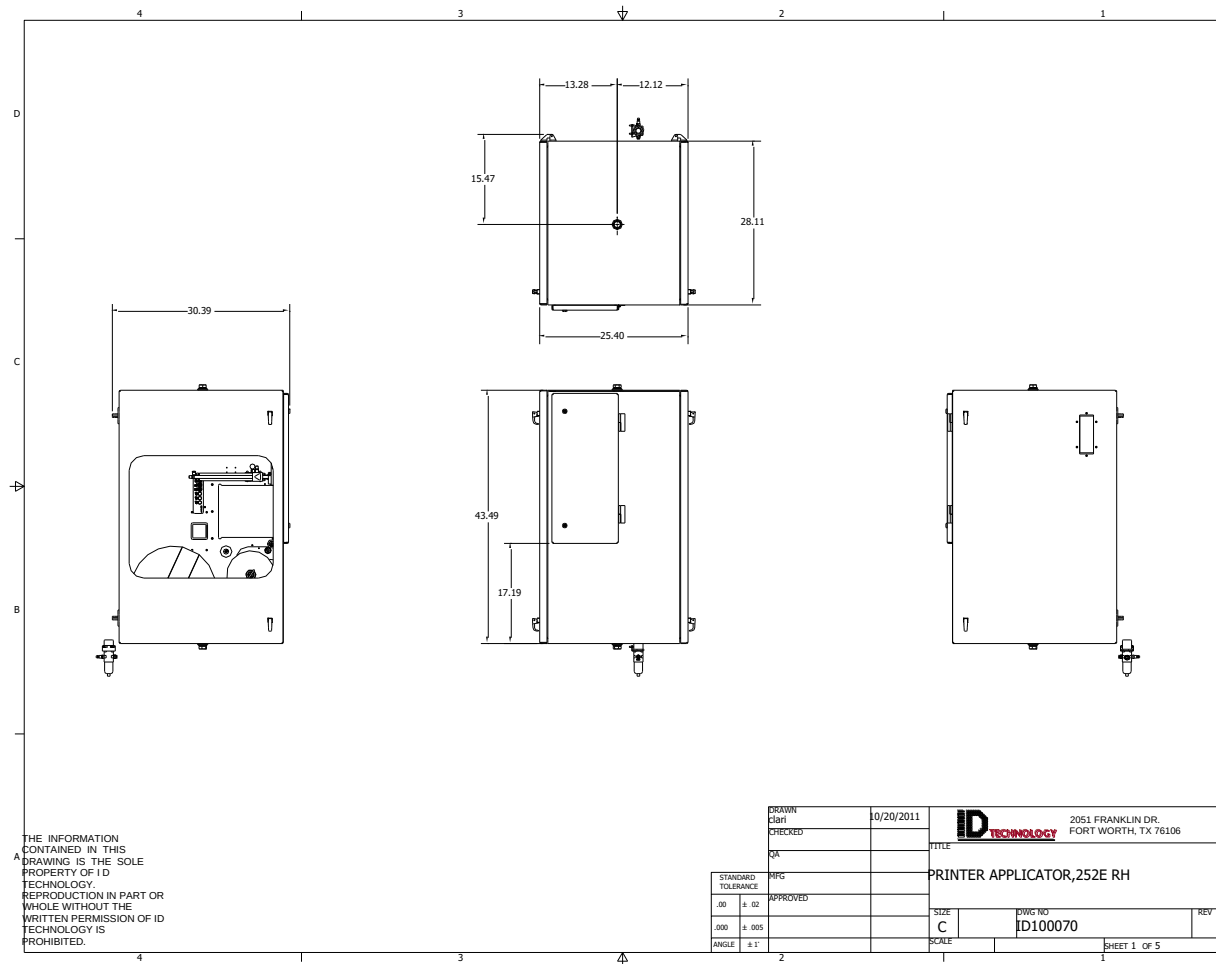
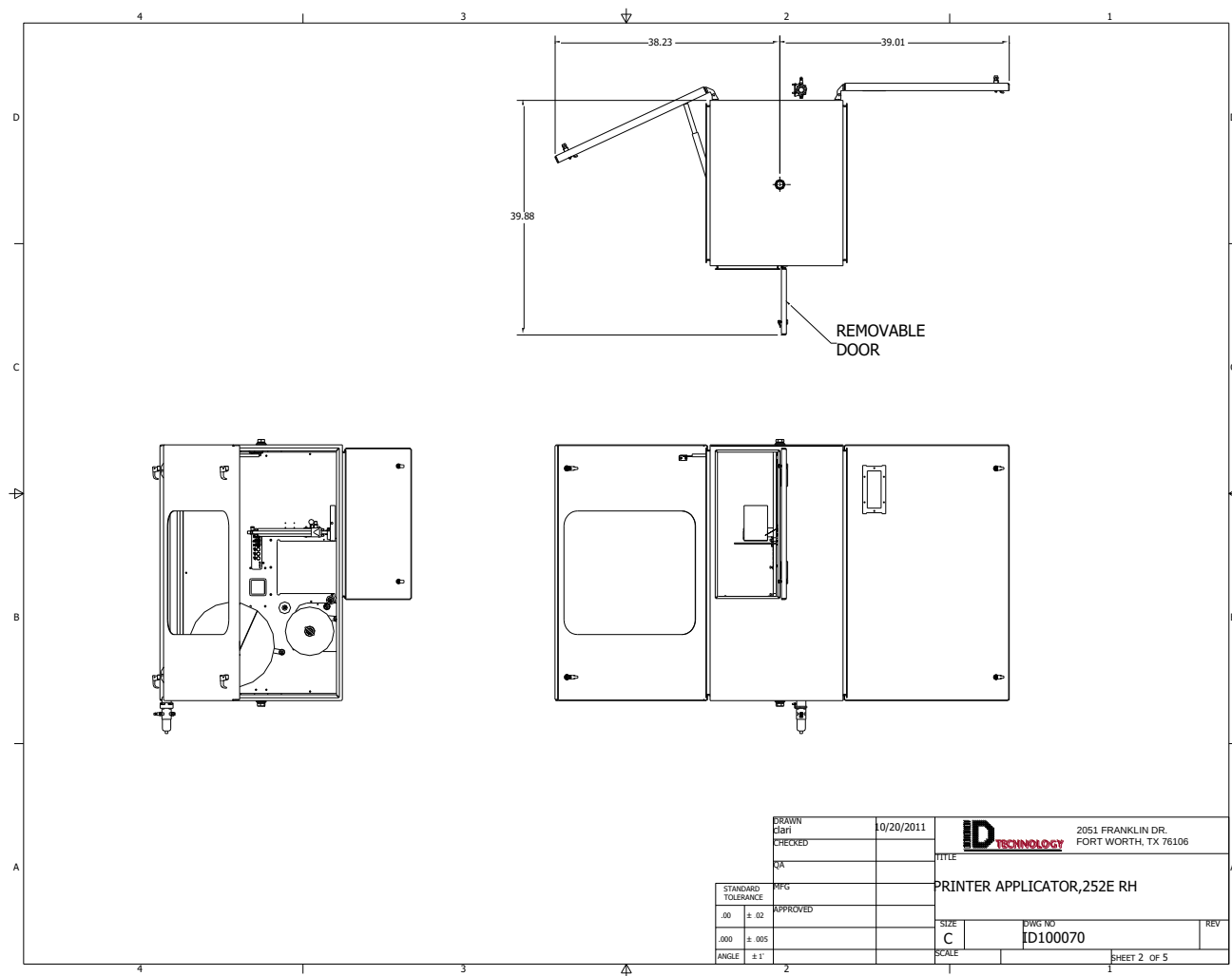


Figure 7: 252E Basic Dimensions





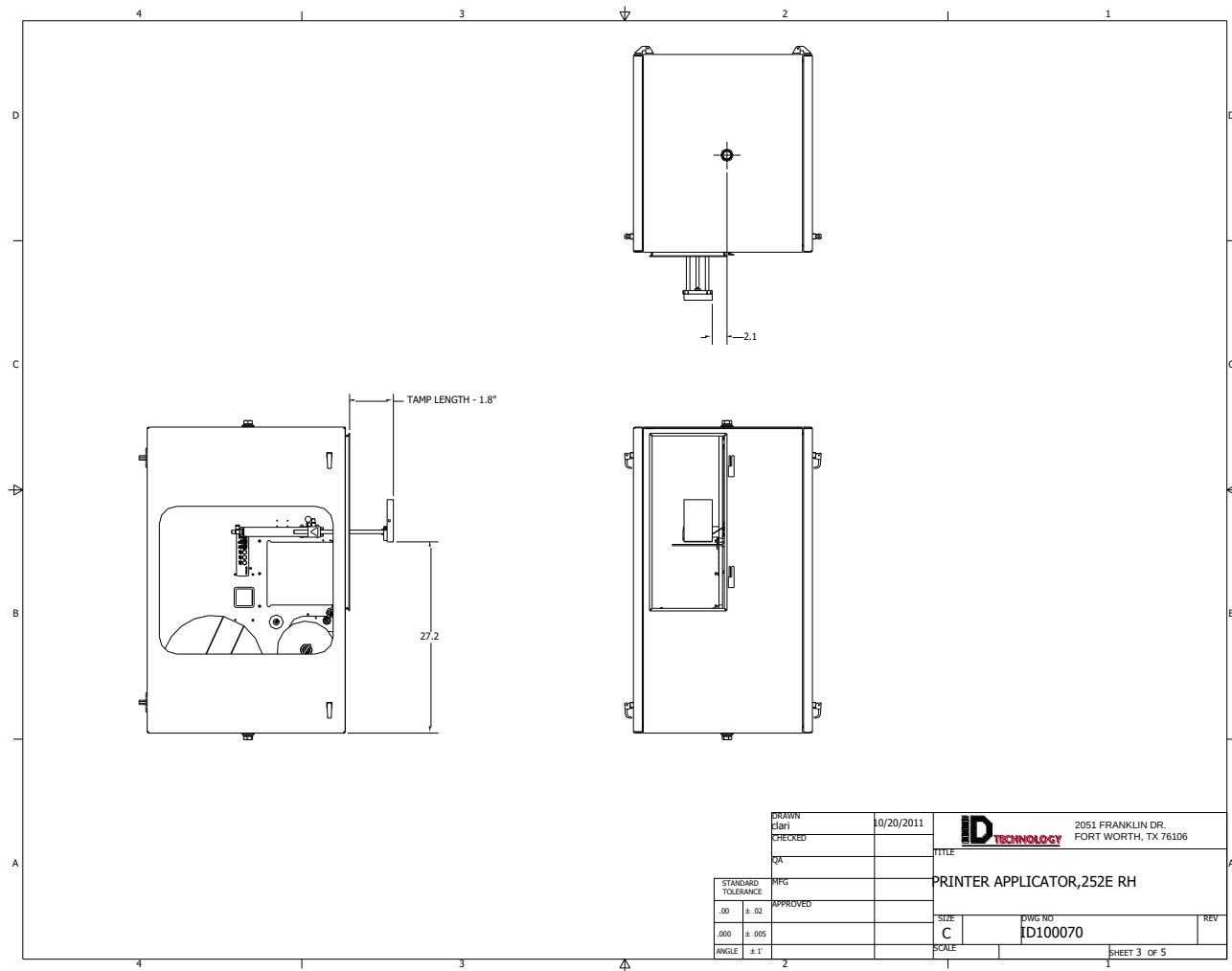
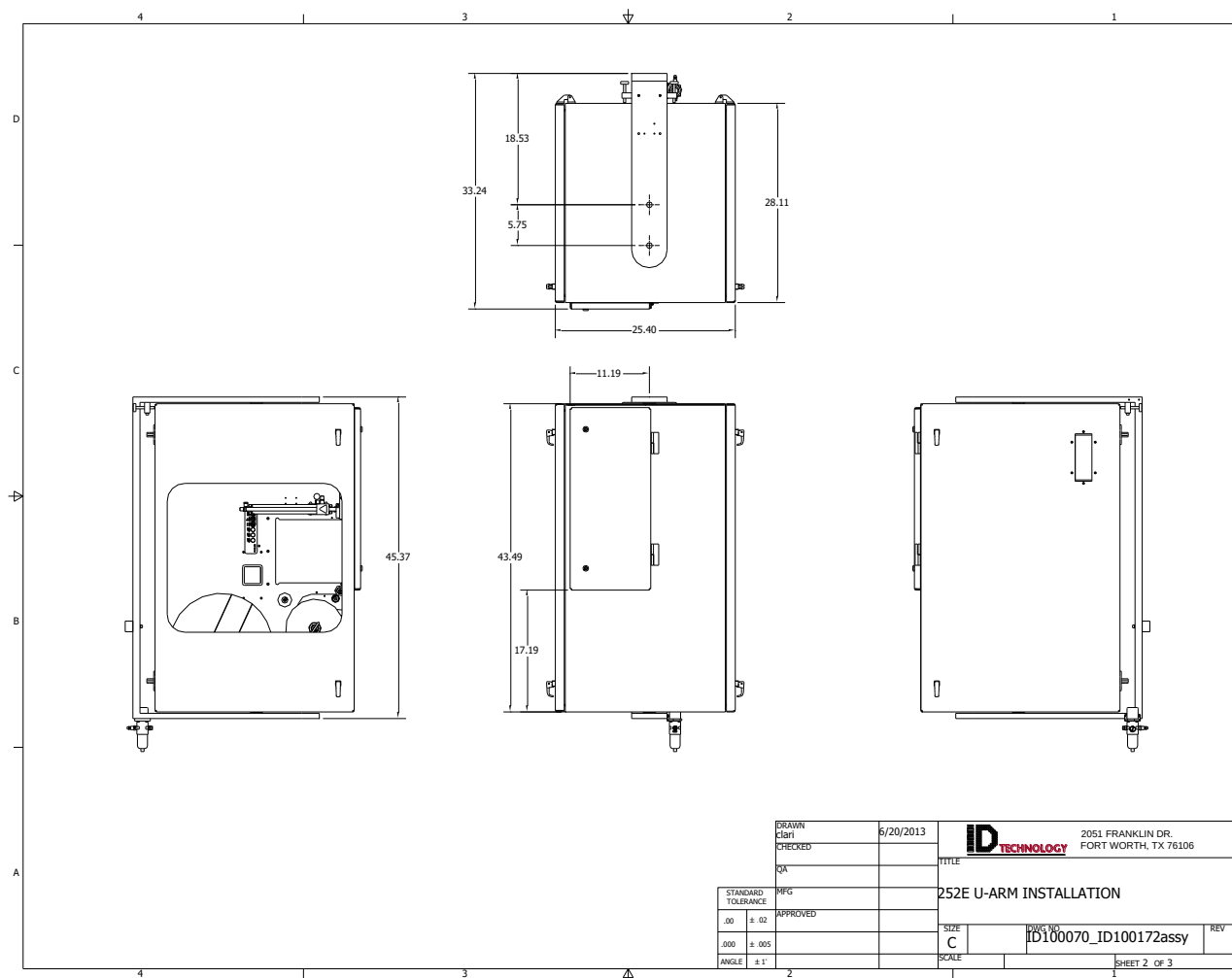


Figure 8: 252E/U-Arm Basic dimensions



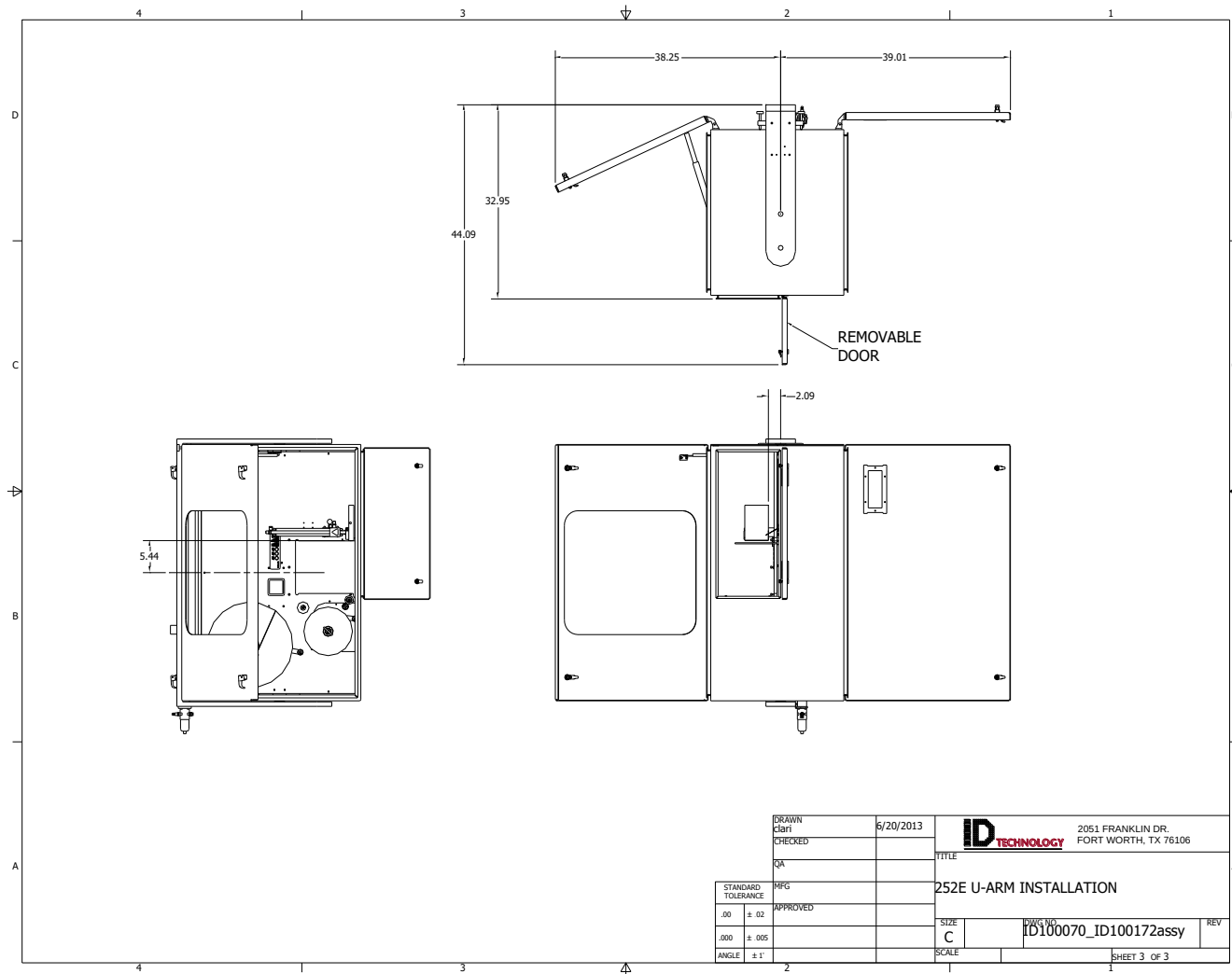
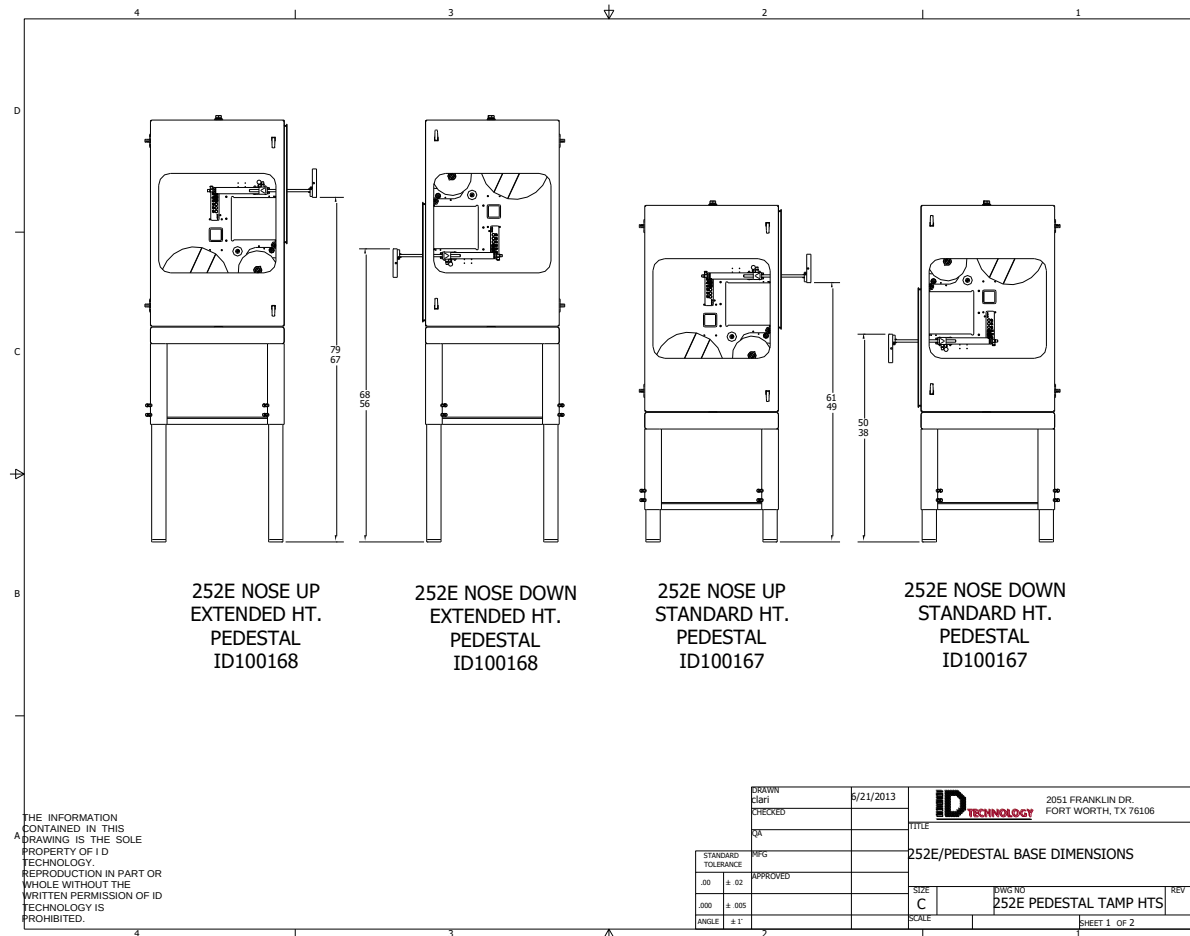


Figure 9: 252E/Pedestal Base Basic Dimensions



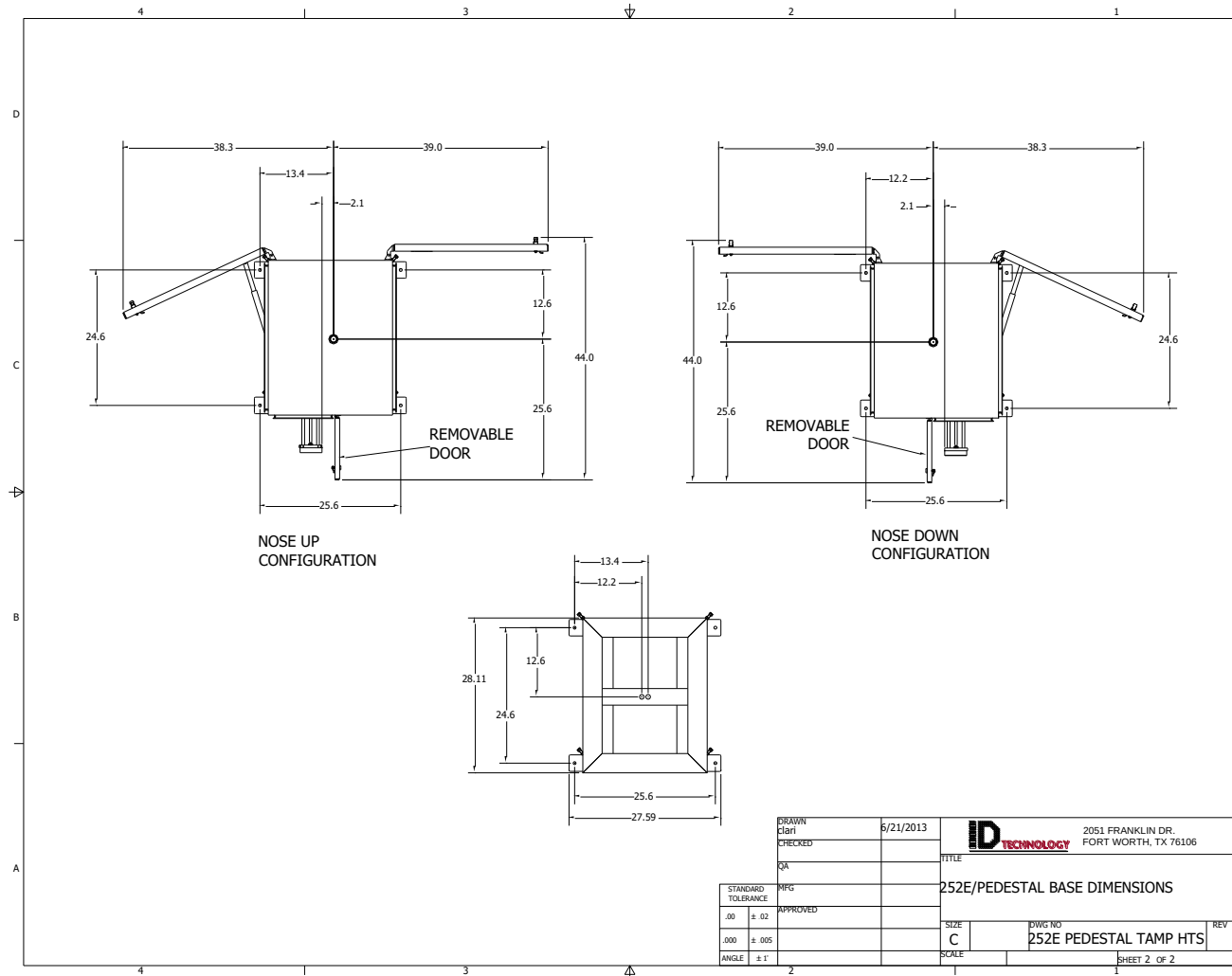


Figure 10: 252 Wiring Diagram

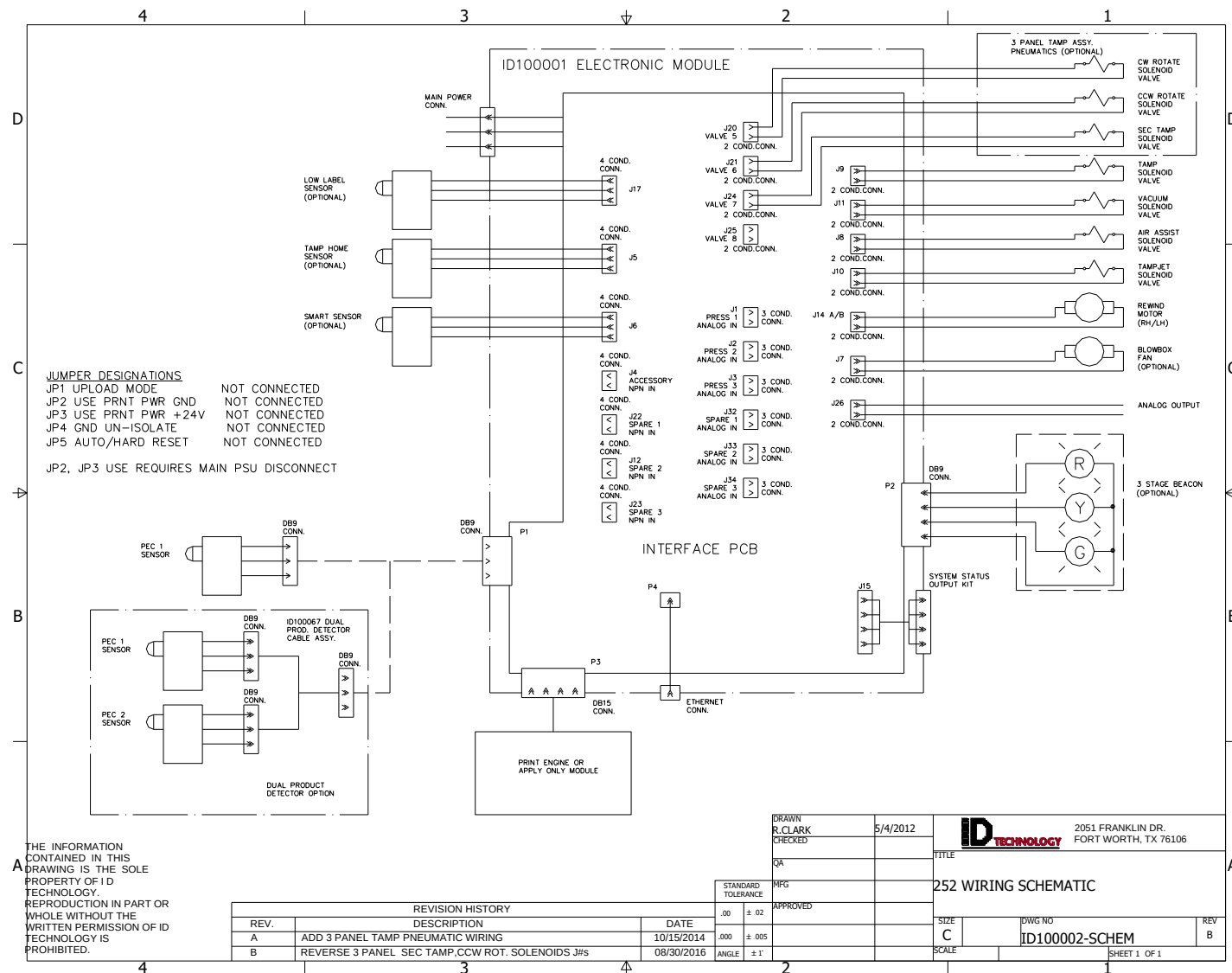


Figure 11: Interface Board Layout

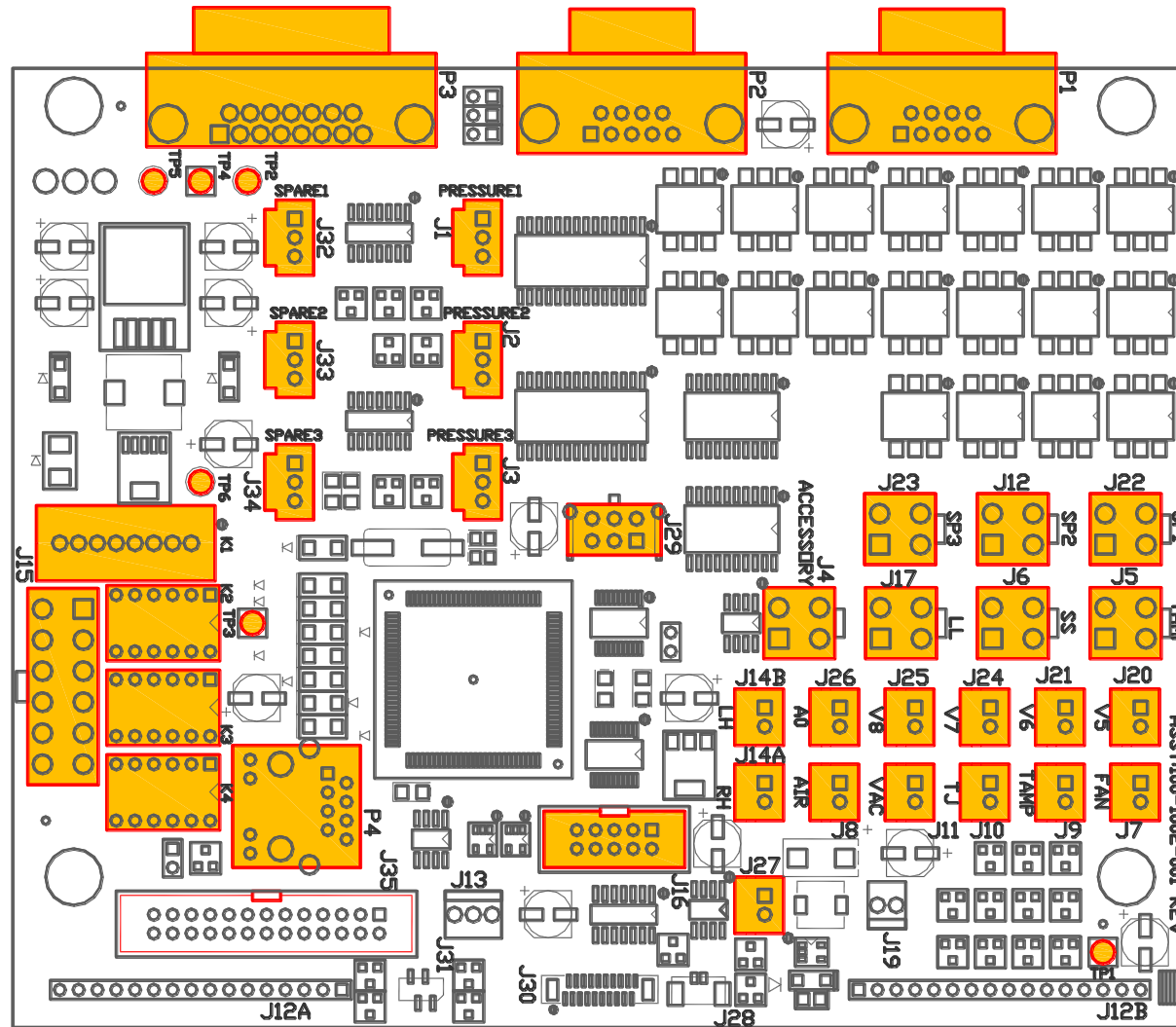


Figure 12: External Connectors

External Connector (2X)		9 pin Female D Connector
PIN	FUNCTION	
1	Product Detect Signal 2 / 3 Panel Rotate 1	Sinking (NPN) Input
2	Red Beacon Lamp	Sinking (NPN) Output
3	Product Detect Signal 1 / 3 Panel Straight	Sinking (NPN) Input
4	Accessory Signal / 3 Panel Rotate 2	Sinking (NPN) Input
5	0 V	
6	+24 VDC	
7	Amber Beacon Lamp	Sinking (NPN) Output
8	Green Beacon Lamp	Sinking (NPN) Output
9	Reserved	



The external connectors and signals are designed to work with ID Technology standard accessories. Use of non-approved components may give unexpected results, may lead to equipment damage and may void warranty.

Optional System Status Output Connection

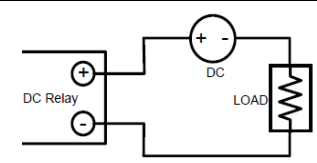
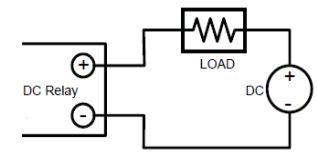
Outputs			16 pin connector	
PIN	FUNCTION	NORMAL STATUS	SPECIFICATIONS	CIRCUIT EXAMPLES
1	Output 2	Open	Form-C Max. Switch Power 60W, 125VA Max. Switch Voltage 220VDC, 250VAC Max. Switch Current 2A DC, AC Max. Carry Current 3A DC, AC	
2	Output 2	Closed		
3	Output 2	Common		
4	Output 3	Open	Form-C Max. Switch Power 60W, 125VA Max. Switch Voltage 220VDC, 250VAC Max. Switch Current 2A DC, AC Max. Carry Current 3A DC, AC	
5	Output 3	Closed		
6	Output 3	Common		
10	Output 4	Open	Form-C Max. Switch Power 60W, 125VA Max. Switch Voltage 220VDC, 250VAC Max. Switch Current 2A DC, AC Max. Carry Current 3A DC, AC	
11	Output 4	Closed		
12	Output 4	Common		
7	Output 1	-DC Load	Solid State Switch 3-60 VDC 0.02-1.0 A	
8	Output 1	+DC Load		
9	No Connection	Future Upgrades		
13	No Connection	Future Upgrades		
14	No Connection	Future Upgrades		
15	No Connection	Future Upgrades		
16	No Connection	Future Upgrades		

Figure 13: Internal Connectors

Inputs		4 pin connector
	FUNCTION	
J4	Accessory	Pin 1: +24V Pin 2 & 3: Signal (NPN) Pin 4: 0V
J5	Tamp Home	Pin 1: +24V Pin 2 & 3: Signal (NPN) Pin 4: 0V
J6	Smart Sensor	Pin 1: +24V Pin 2 & 3: Signal (NPN) Pin 4: 0V
J12	Reserved	Pin 1: +24V Pin 2 & 3: Signal (NPN) Pin 4: 0V
J17	Low Label	Pin 1: +24V Pin 2 & 3: Signal (NPN) Pin 4: 0V
J22	Reserved	Pin 1: +24V Pin 2 & 3: Signal (NPN) Pin 4: 0V
J23	Reserved	Pin 1: +24V Pin 2 & 3: Signal (NPN) Pin 4: 0V
Inputs		3 pin connector
	FUNCTION	
J1	Pressure 1	Pin 1: +5V Pin 2: Signal Pin 3: 0V
J2	Pressure 2	Pin 1: +5V Pin 2: Signal Pin 3: 0V
J3	Pressure 3	Pin 1: +5V Pin 2: Signal Pin 3: 0V
J32	Reserved	Pin 1: +5V Pin 2: Signal Pin 3: 0V
J33	Reserved	Pin 1: +5V Pin 2: Signal Pin 3: 0V
J34	Reserved	Pin 1: +5V Pin 2: Signal Pin 3: 0V



The internal connectors and signals are designed to work with ID Technology standard accessories. Use of non-approved components may give unexpected results, may lead to equipment damage and may void warranty.

Outputs 2 pin connector		
	FUNCTION	
J7	Fan	Pin 1: +24V Pin 2: Signal (NPN)
J8	Air Assist Valve	Pin 1: +24V Pin 2: Signal (NPN)
J9	Tamp Valve	Pin 1: +24V Pin 2: Signal (NPN)
J10	Tampjet Valve	Pin 1: +24V Pin 2: Signal (NPN)
J11	Vacuum Valve	Pin 1: +24V Pin 2: Signal (NPN)
J14A	Rewind Motor RH	Pin 1: Signal (+24V) Pin 2: 0V
J14B	Rewind Motor LH	Pin 1: 0V Pin 2: Signal (+24V)
J20	Reserved	Pin 1: +24V Pin 2: Signal (NPN)
J21	Reserved	Pin 1: +24V Pin 2: Signal (NPN)
J24	Reserved	Pin 1: +24V Pin 2: Signal (NPN)
J25	Reserved	Pin 1: +24V Pin 2: Signal (NPN)
J26	Analog Output	Pin 1: +5V Pin 2: 0V
J27	Reserved	No Function



The internal connectors and signals are designed to work with ID Technology standard accessories. Use of non-approved components may give unexpected results, may lead to equipment damage and may void warranty.

Figure 14: Exploded View, 252 Base Module ID100002/ID100003

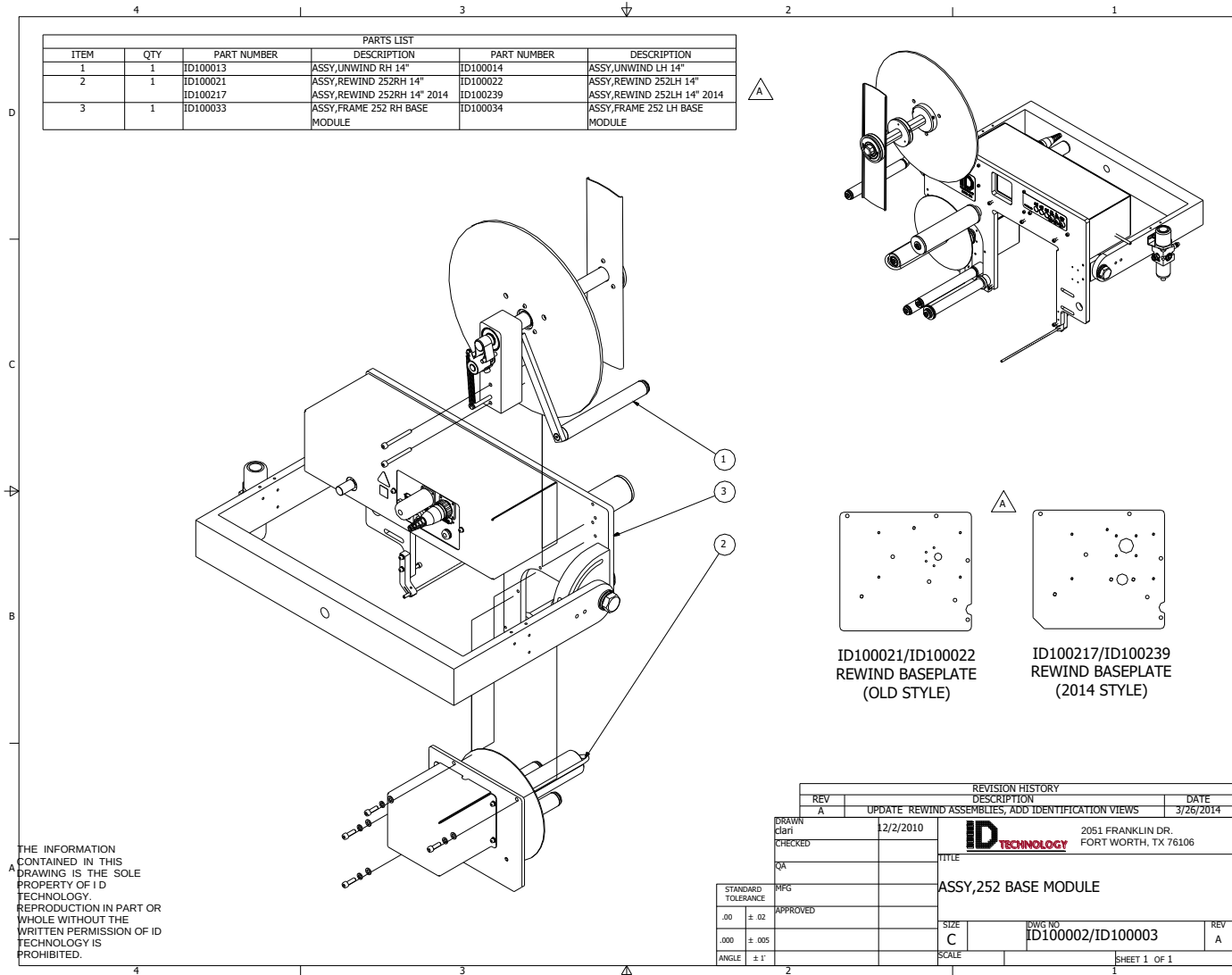
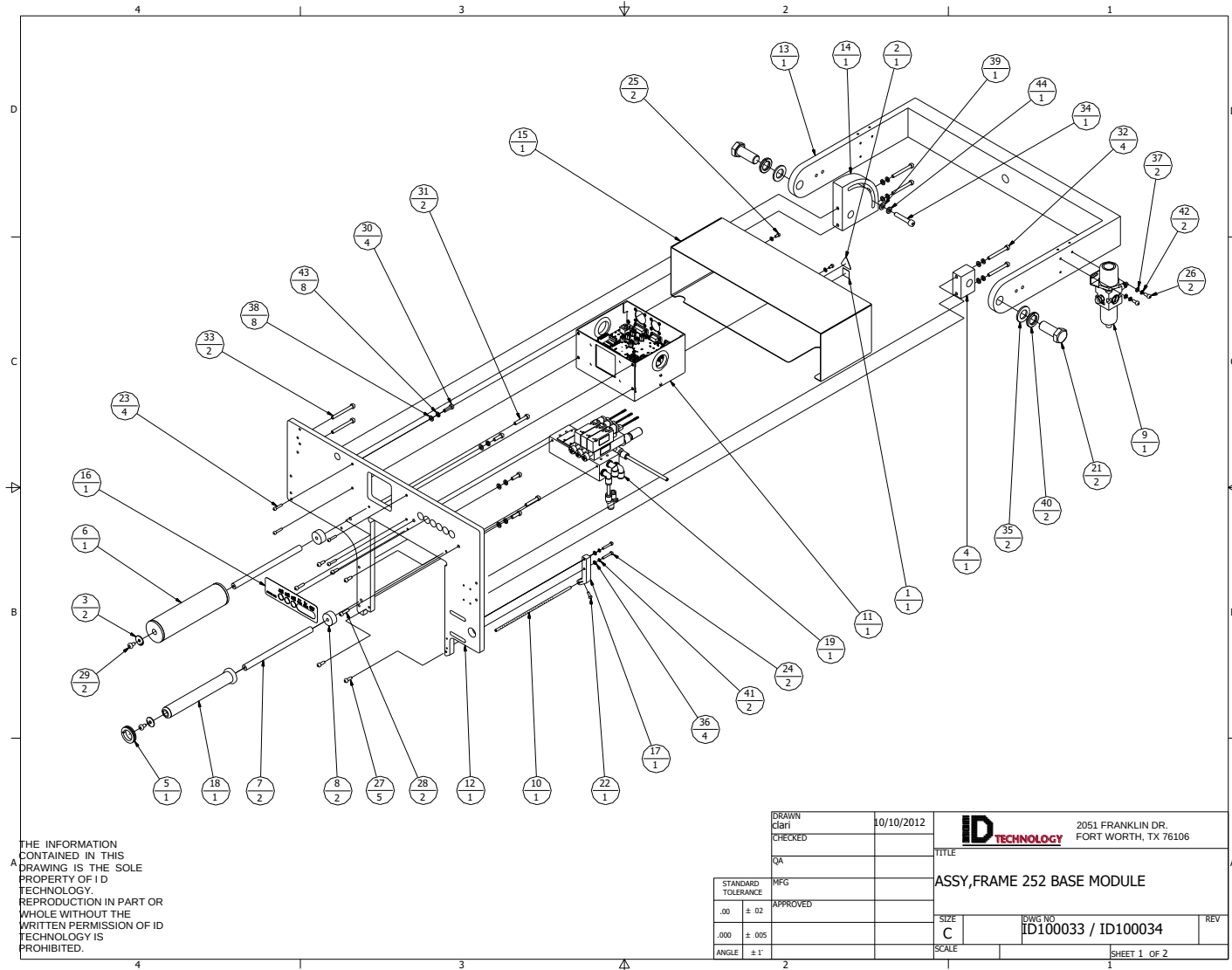


Figure 15: Exploded View, 252 Faceplate Assembly ID100033/ID100034

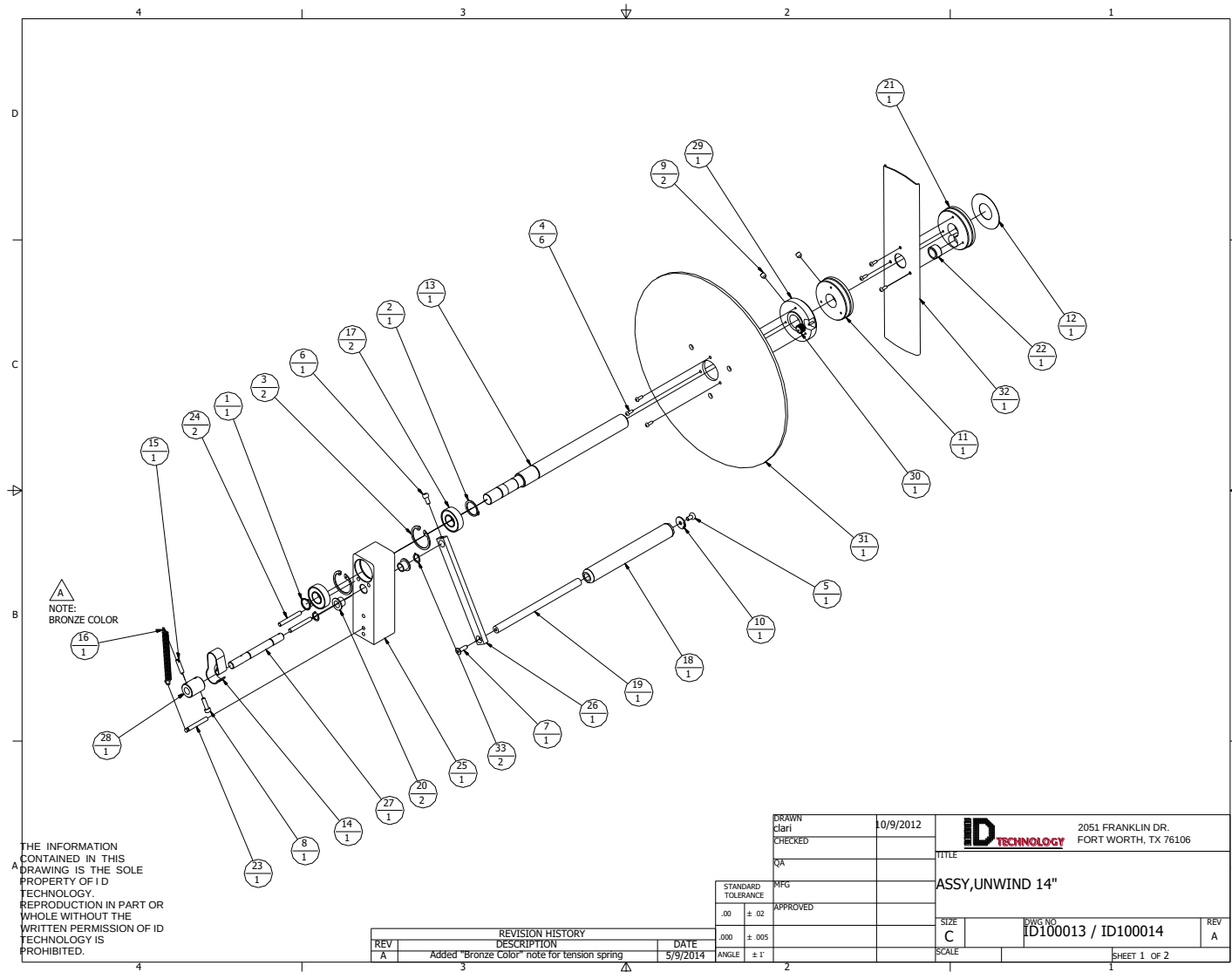


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	15134a	ELECTRICAL HAZARD LABEL
2	1	6010	LABEL,ELECTRICAL HAZARD
3	2	60224	WASHER,DIRECTIONAL .8 OD X .25 ID
4	1	62011	BASE PLATE BRACKET
5	1	62015-08	COLLAR, GUIDE 1"
6	1	62030-16	ROLL,IDLER
7	2	62031	SHAFT,IDLER
8	2	62034	ROLL,SPACER
9	1	62120	FILTER REGULATOR ASSEMBLY
10	1	62180	TUBE,AIR ASSIST
11	1	ID100001	ASSY,252 ELECTRONIC MODULE
12	1	ID100004	BASEPLATE,252
13	1	ID100005	BRACKET,UNIVERSAL
14	1	ID100006	BLOCK,TRUNION - SET ROTATION
15	1	ID100007	COVER,BACK 252 RH
		ID100008	COVER,BACK 252 LH
16	1	ID100009	NAMEPLATE,252 RH
		ID100010	NAMEPLATE,252 LH
17	1	ID100011	BRACKET,AIR ASSIST
18	1	ID100035	ASSY,IDLER ROLLER
19	1	ID100037	ASSY,PNEUMATICS 252 RH
		ID100038	ASSY,PNEUMATICS 252 LH
20	1	ID100048	Label,Threading Diagram 252 RH
		ID100049	Label,Threading Diagram 252 LH
21	2		M20x50 HHCS
22	1		M4x10 SHCS
23	4		M4x20 SHCS
24	2		M4x25 SHCS
25	2		M4x8 SHCS
26	2		M5x12 SHCS
27	5		M5x14 SHCS
28	2		M5x20 SHCS
29	2		M6x10 PPHS
30	4		M6x20 SHCS
31	2		M6x35 SHCS
32	4		M6x55 SHCS
33	2		M6x60 SHCS
34	1		M8x45 SHCS
35	2		Washer,Flat M20 Zc Plt
36	4		Washer,Flat M4 SS
37	2		Washer,Flat M5 SS
38	8		Washer,Flat M6 SS
39	1		Washer,Flat M8 SS
40	2		Washer,Lock Split M20 SS
41	2		Washer,Lock Split M4 SS
42	2		Washer,Lock Split M5 SS
43	8		Washer,Lock Split M6 SS
44	1		Washer,Lock Split M8 SS

DRAWN clarl		10/10/2012		 2051 FRANKLIN DR. FORT WORTH, TX 76106	
CHECKED					
QA					
STANDARD TOLERANCE		MPG		TITLE ASSY,FRAME 252 BASE MODULE	
.00 ± .02		APPROVED		SIZE C	
.000 ± .005				DWG NO ID100033 / ID100034	
ANGLE ± 1°				SCALE	

SHEET 2 OF 2

Figure 16: Exploded View, 252 Unwind Assembly ID100013/ID100014



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1		External Retaining Ring, .781"
2	1		External Retaining Ring, 1"
3	2		Internal Retaining Ring, 1.653"
4	6		M4x12 SBHCS
5	1		M6x10 PPHS
6	1		M6x12 SHCS
7	1		M6x20 SFHCS
8	1		M6x20 SHCS
9	2		M8x8 SSS Cup SS
10	1	60224	WASHER,DIRECTIONAL .8 OD X .25 ID
11	1	62005	HUB,UNWIND
12	1	62007	LABEL,UNWIND HUB
13	1	62022	SHAFT,UNWIND
14	1	62024	BAND,BRAKE
15	1	62027	PIN, SPRING ANCHOR
16	1	62028	SPRING,EXTENSION
17	2	62029	BEARING
18	1	62030-08	ROLL,IDLER
19	1	62031	SHAFT,IDLER
20	2	62032	BUSHING,FLANGED 1/2" BRONZE
21	1	62036	HUB,UNWIND OUTER LOCKING
22	1	62037	INSERT,HUB LOCKING
23	1	F01508	DRIVE PIN (SPRING)
24	2	F11048	PIN,DRIVE 1/4 X 2 TYPE H L/C (BRAKE BAND)
25	1	ID100015	BLOCK,UNWIND
26	1	ID100016	ARM,DANCER 14.5" UNWIND
27	1	ID100017	SHAFT,DANCER
28	1	ID100018	COLLAR, SPRINGBREAK
29	1	ID100019	SPUR HUB
30	1	ID100020	SPUR,LOCKING
31	1	ID100036	DISC,UNWIND 14.5"
32	1	ID100047	KEEPER,MEDIA SUPPLY 14.5"
33	2	SH-50ST PA	External Retaining Ring, 1/2"

DRAWN Gleri	10/9/2012		2051 FRANKLIN DR. FORT WORTH, TX 76106	
			TITLE	
CHECKED			QA	
STANDARD TOLERANCE	MFG	APPROVED	ASSY,UNWIND 14"	
			SIZE C	DWG NO ID100013 / ID100014
.00 ± .02			SCALE	REV A
.000 ± .005				
ANGLE ± 1°				
			SHEET 2 OF 2	

Figure 17: Exploded View, 252 Rewind Assembly ID100021/ID100022

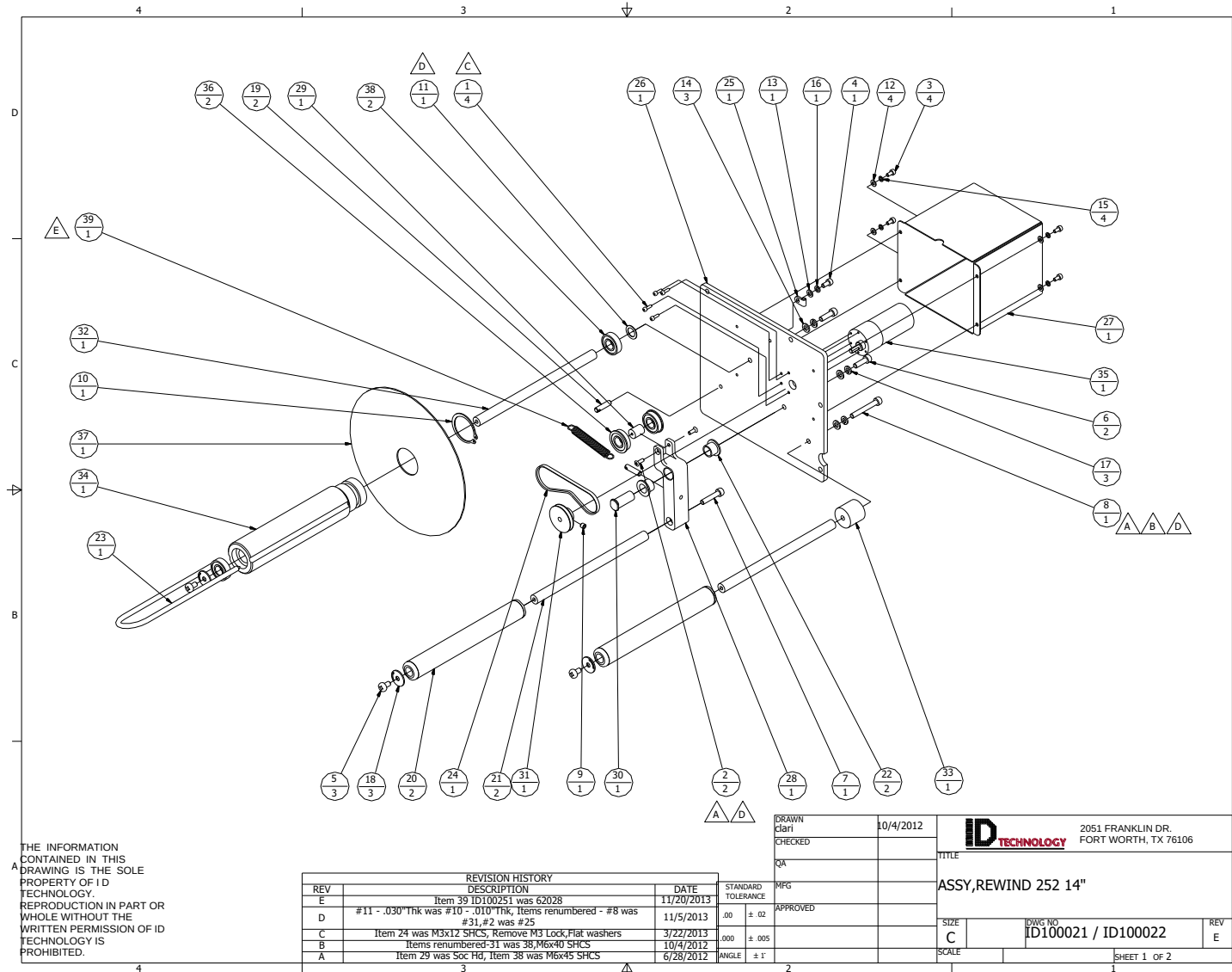
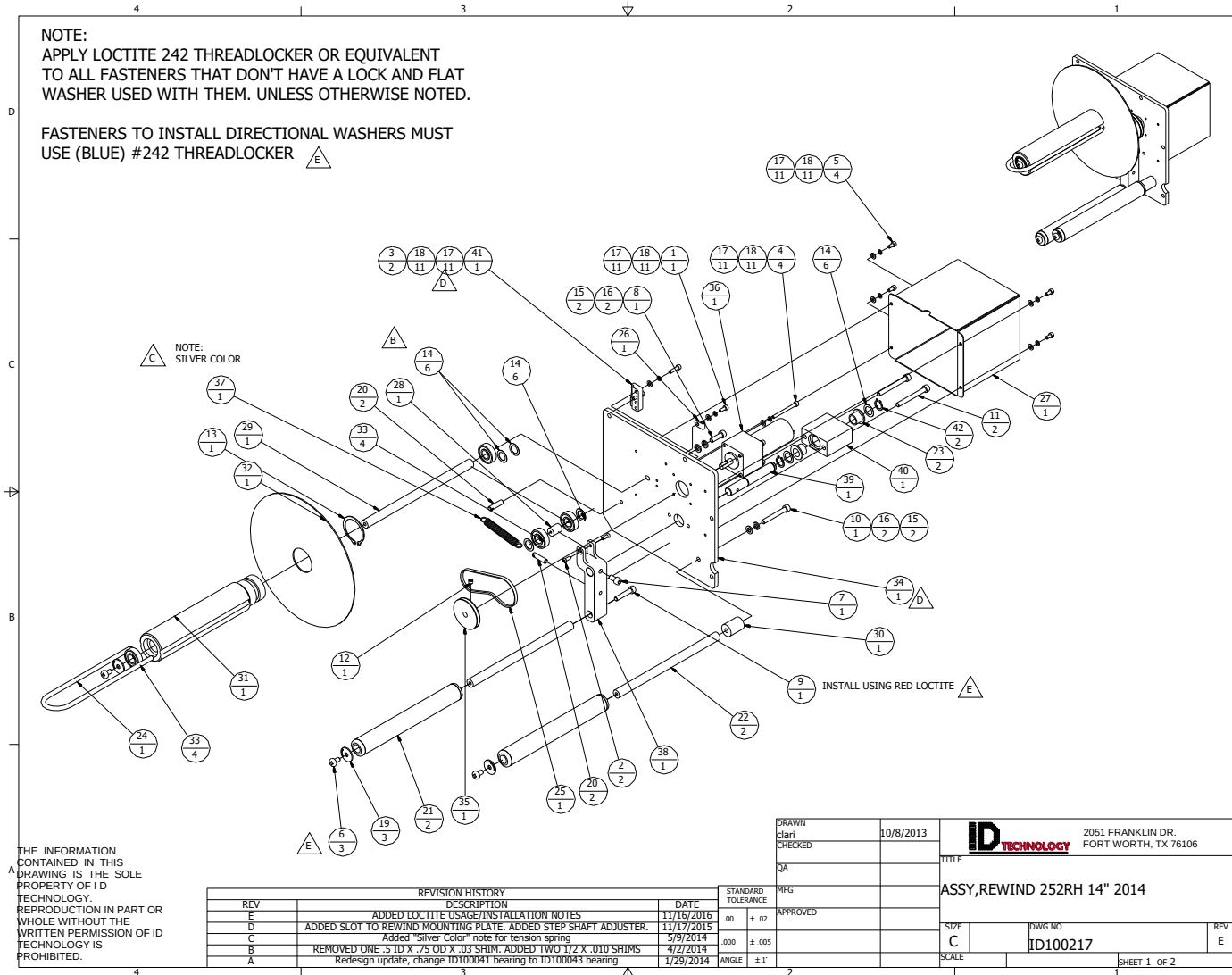


Figure 18: Exploded View, 252 Rewind Assembly 2014 ID100217/ID100239



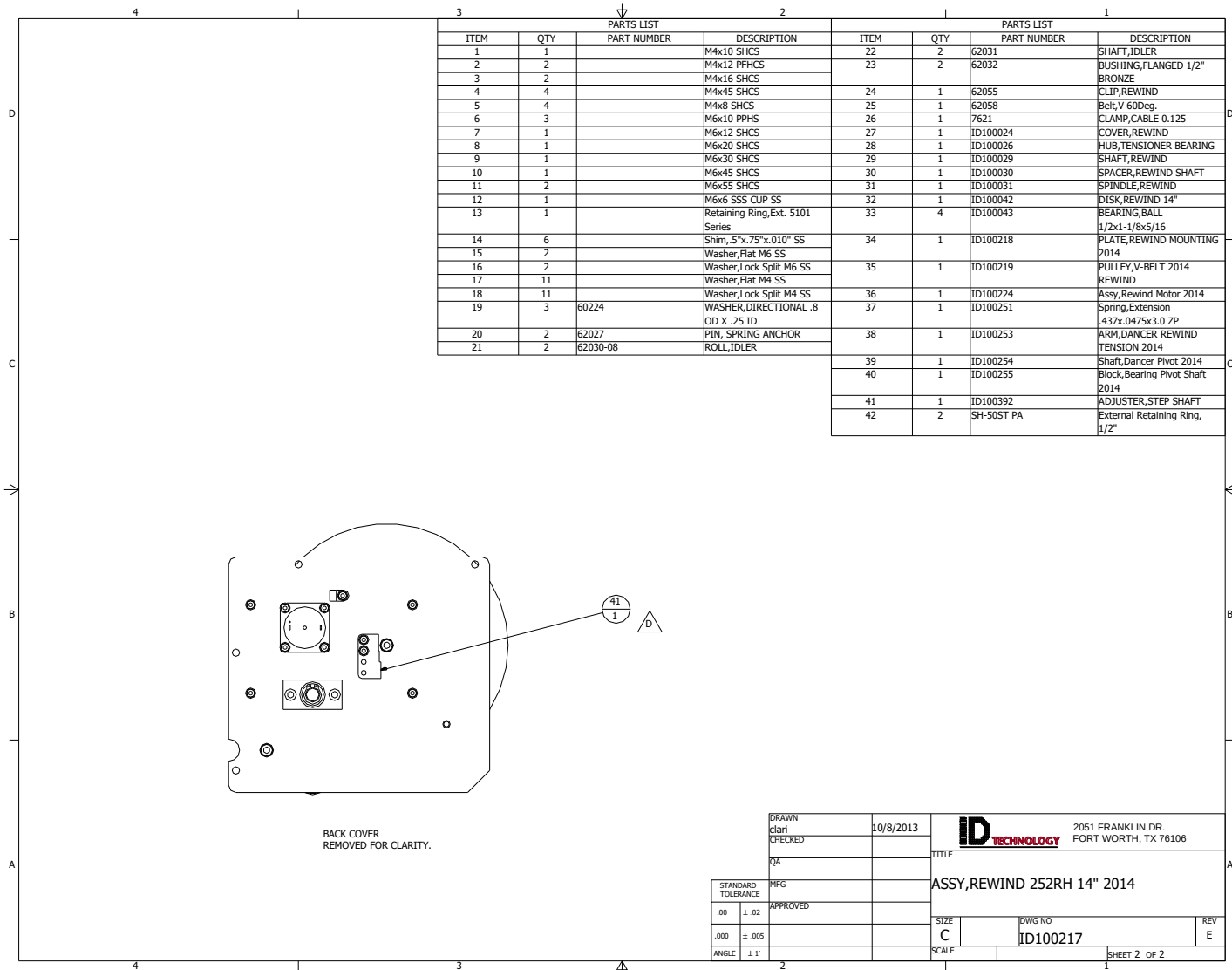


Figure 19: Assembly View, ID100001 Electronics Assembly

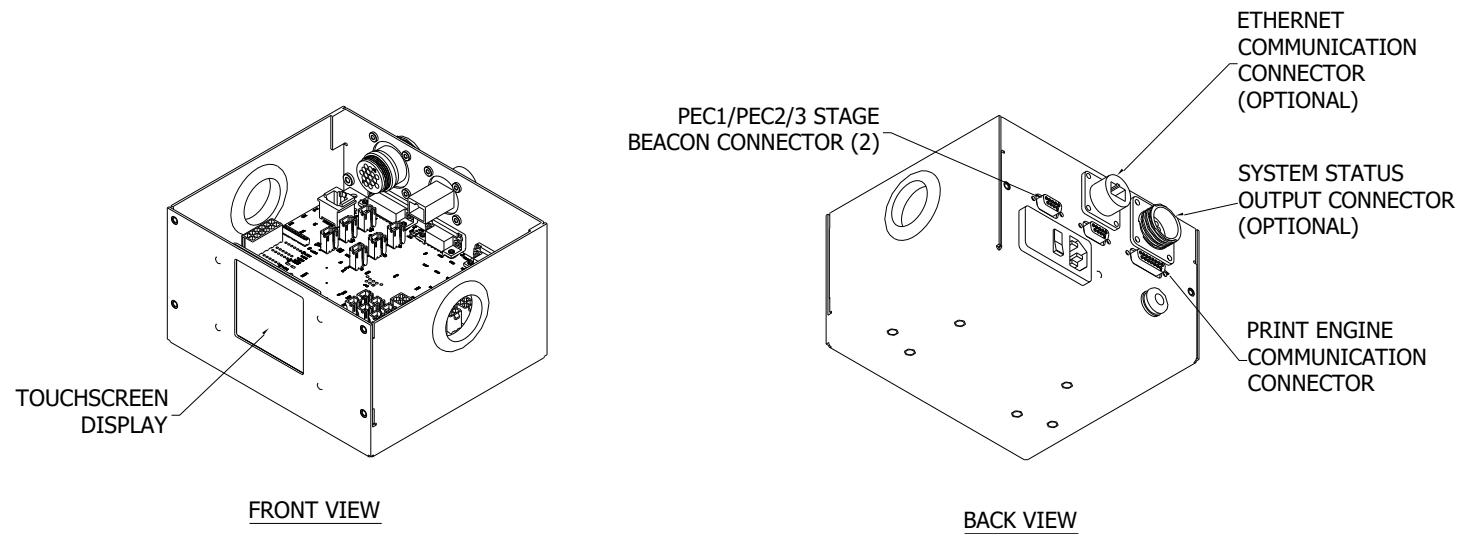


Figure 20: Exploded View, 252 Pneumatics Module ID100037/ID100038

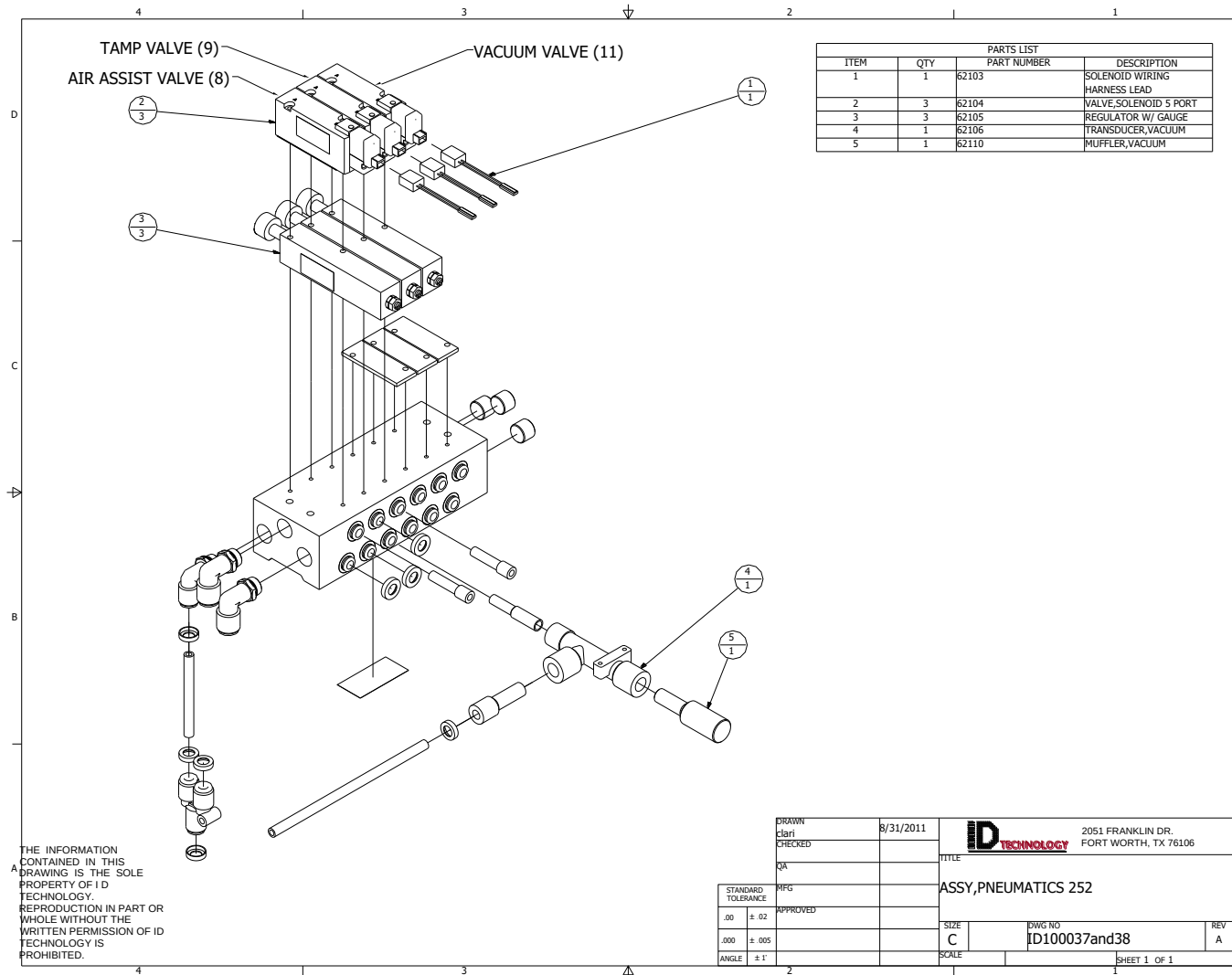


Figure 21: Exploded View, 252 Tamp Flow Control Kit ID100345

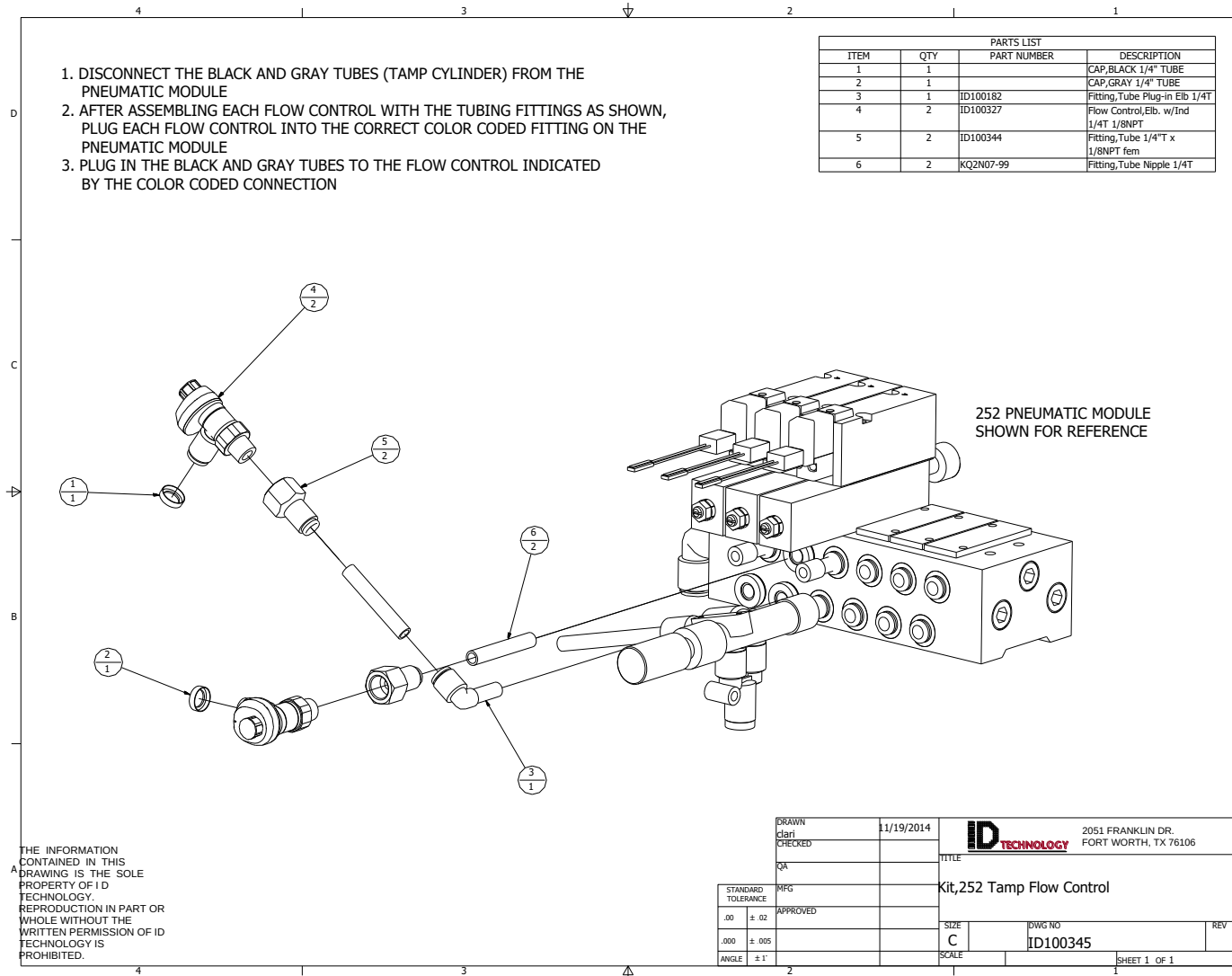
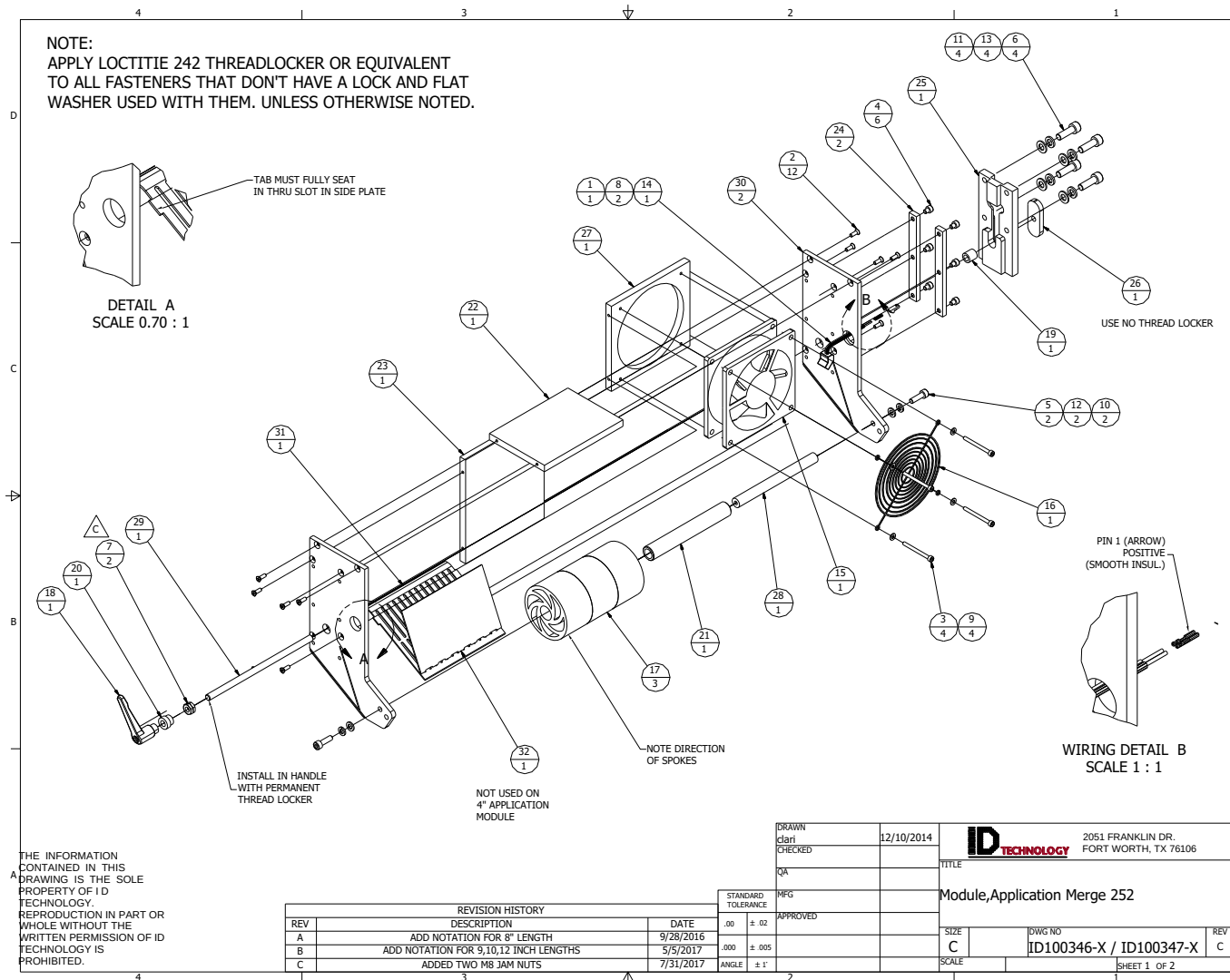


Figure 22: Exploded View, 252 Merge Application Module ID100346-X/ID100347-X
Patent No. 10,106,286



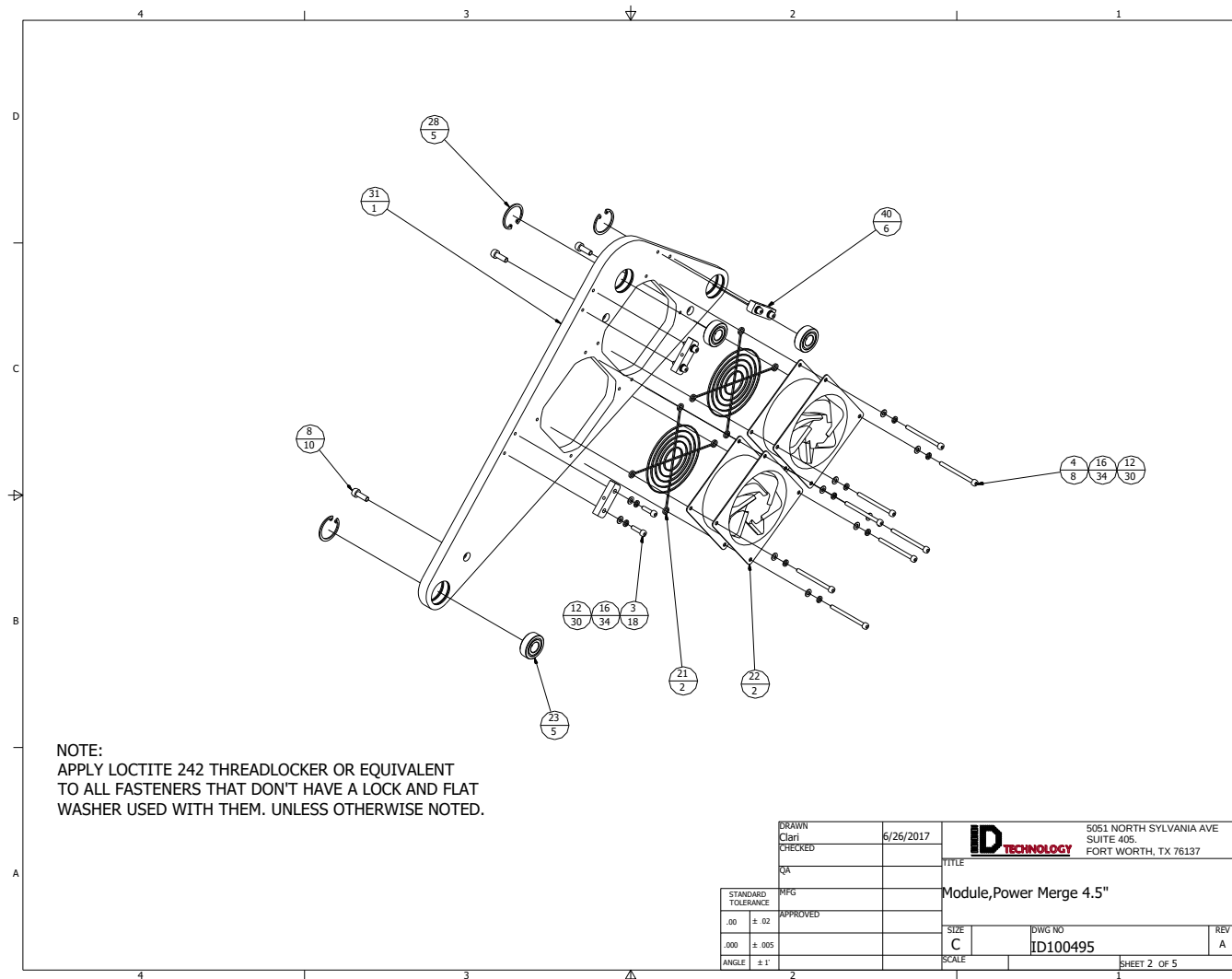
PARTS LIST				PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1		Housing,Connector .100" 2 Cond.	17	3	600-2201	ROLLER,URETHANE COMPRESSION BLUE
2	12		M4x12 PFHCS	18	1	ID100348	Handle,Ratchet M8
3	4		M4x4S SHCS	19	1	ID100349	Bushing,"P" Drill 5/16"
4	6		M5x6 SHCS	20	1	ID100350	Bushing,"H" Drill 5/16"
5	2		M6x20 SHCS	21	1	ID100351	Shaft,Roller 252 Merge Module
6	4		M8x2S SHCS	22	1	ID100352	Plate,Top 252 Merge Module
7	2		Nut,Hex Jam SS M8	23	1	ID100353	Plate,Back 252 Merge Module
8	2		Terminal,Crimp Female	24	2	ID100354	Rail,Slide 252 Merge Module
9	4		Washer,Flat M4 SS	25	1	ID100355	Block,Faceplate Mtg. 252 Merge Module
10	2		Washer,Flat M6 SS	26	1	ID100356	Block,Clamping 252 Merge Module
11	4		Washer,Flat M8 SS	27	1	ID100357	Plate,Fan Mounting 252 Merge Module
12	2		Washer,Lock Split M6 SS	28	1	ID100358	Axle,Roller 252 Merge Module
13	4		Washer,Lock Split M8 SS	29	1	ID100359	Stud,Clamping M8x7.06"
14	1	19155K63	POWER CORD,45 DEG. QUICK CONNECT	30	2	ID100360-X	Plate,Side 252 Merge Module
15	1	1939K26	FAN (24VDC) (100 CFM)	31	1	ID100361-X	Shoe,Bottom 252 Merge Module
16	1	592-1070	COVER, FAN	32	1	ID100362-X	Plate,Fill 252 Merge Module

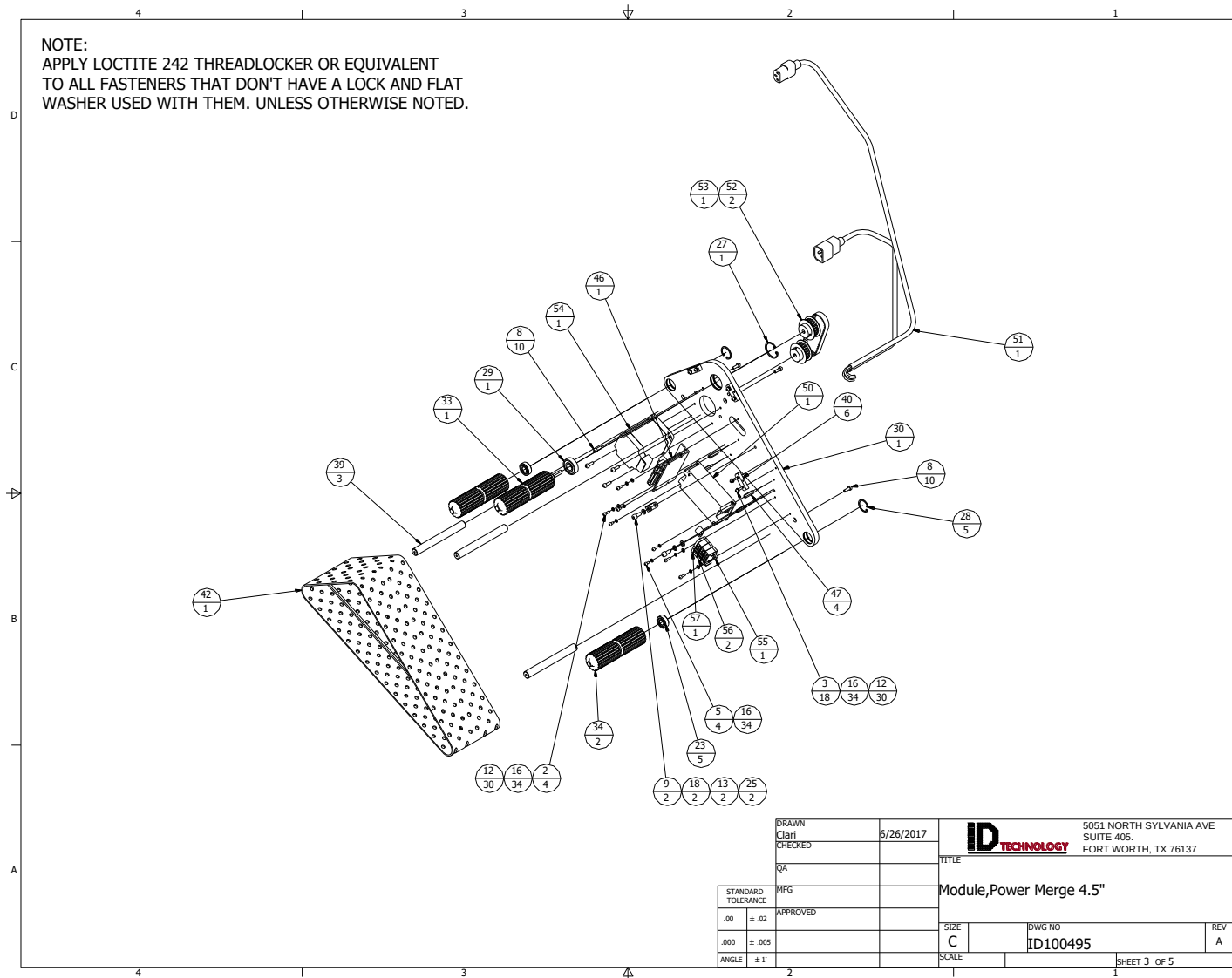
* - USE DASH NUMBER LABEL LENGTH PART MATCHING ASSEMBLY LABEL LENGTH
DASH NUMBER -4,-5,-6,-8,-9,-10,-12

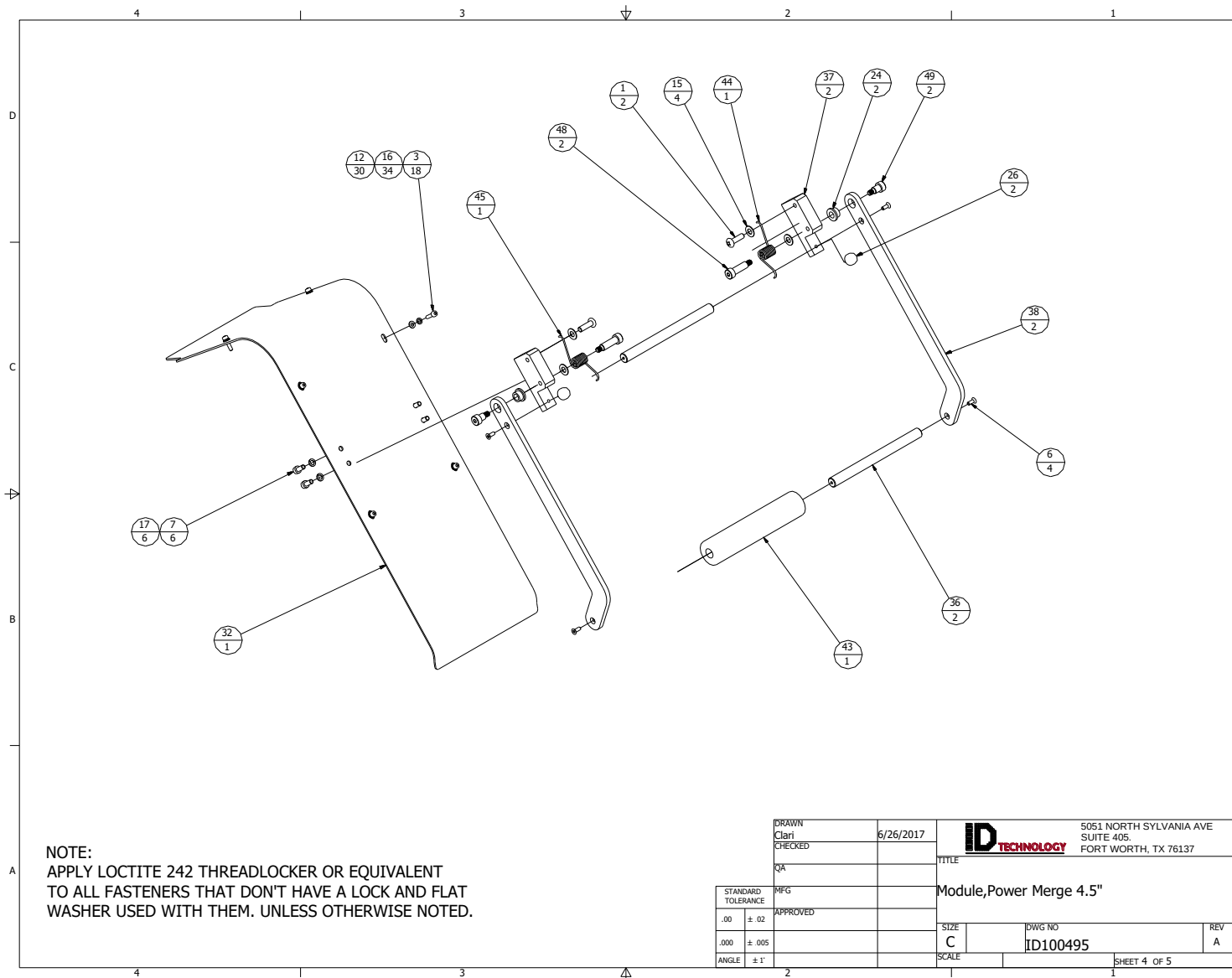
*
*
* - NOT USED ON 4" MODEL

DRAWN	clari	12/10/2014	ID TECHNOLOGY		2051 FRANKLIN DR. FORT WORTH, TX 76106	
CHECKED			TITLE			
QA			Module,Application Merge 252			
MFG			SIZE			
APPROVED			C			
STANDARD TOLERANCE	.00 ± .02		DWG NO			
	.000 ± .005		ID100346-X / ID100347-X			
ANGLE	± 1°		SCALE			
			SHEET 2 OF 2			

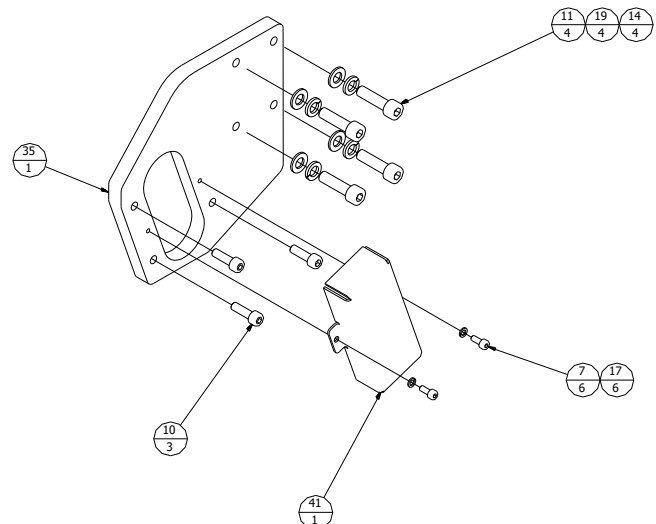
Figure 23: Exploded View, ID100495/ID100510 PowerMerge™ Module







4				3				2				1			
PARTS LIST				PARTS LIST				PARTS LIST				PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	2		10-32x5/8 PPHS SS	20	2	1035c-iso	LABEL, WARNING ROLLER	39	3	ID100505	Spacer, Side Plate 4.656"	40	6	ID100506	Block, Cover Attachment
2	4		M3x10 SHCS	21	2	592-1050	COVER, FAN	41	1	ID100507	Cover, Drive	42	1	ID100508	Belt,Vacuum
3	18		M3x12 SHCS	22	2	600-0225	FAN (24VDC) (78 CFM)	43	1	ID100509	Roller,Label 1.0"x4.610"	44	1	ID100513	SPRING,TORSION RH MODIFIED
4	8		M3x45 SHCS	23	5	6138K66	BEARING,BALL R6 .38 X .87 X .28	45	1	ID100514	SPRING,TORSION LH MODIFIED	46	1	ID100516	Drive,Stepper Motor,CVD w/Mtg.Brkt.
5	4		M3x6 SHCS	24	2	6338K411	Bushing,Flange 1/4"x3/8"x1/4"x1/2"x1/16"	47	4	ID100517	Standoff, Hex 20mm M3 M/F Pitted Brass	48	2	ID100518	Bolt, Shoulder 1/4"x3/4" 10-32x1/4" SS
6	4		M3x8 PFHCS	25	2	7629	CLAMP,CABLE 0.375"	49	2	ID100519	Bolt,Shoulder 1/4"x9/32" 10-32x1/4" SS	50	1	ID100521	Power Supply,24VDC,100W
7	6		M4x10 SHCS	26	2	9541K8	BUMPER,RUBBER	51	1	ID100522	EXTENSION CORD,C14-C13 6' MODIFIED	52	2	ID100523	Pulley,Timing 20XL037 25Bore Alum.
8	10		M4x12 SHCS	27	1	98409A221	RING,RETAINING 1-1/8" BORE	53	1	ID100533	Belt,Timing 90XL037	54	1	ID100534	Motor, Stepper 24VDC
9	2		M5x12 SHCS	28	5	HO-87 STPA	INTERNAL RETAINING RING, 7/8"	55	1	ID100535	Terminal Block,4 Cond.End w/Mtg.Flange	56	2	ID100536	Terminal Block,4 Cond.Center
10	3		M6x20 SHCS	29	1	ID100043	BEARING,BALL 1/2x1-1/8x5/16	57	1	ID100537	End Plate, w/Mtg.Flange				
11	4		M8x30 SHCS	30	1	ID100496	Plate, Inner Side								
12	30		Washer,Flat M3 SS	31	1	ID100497	Plate, Outer Side								
13	2		Washer,Flat M5 SS	32	1	ID100498	Cover, Application Module								
14	4		Washer,Flat M8 SS	33	1	ID100499	Pulley, 4.5" Belt Drive (20XL)								
15	4		Washer,Flat SS #10	34	2	ID100500	Pulley, 4.5" Belt Idler (20XL)								
16	34		Washer,Lock Split M3 SS	35	1	ID100501	Plate, Module Mounting								
17	6		Washer,Lock Split M4 SS	36	2	ID100502	Shaft, Roller 3/8"x4-5/8"								
18	2		Washer,Lock Split M5 SS	37	2	ID100503	Block, Roller Arm Mounting								
19	4		Washer,Lock Split M8 SS	38	2	ID100504	Arm, Roller Pivot								



NOTE:
APPLY LOCTITE 242 THREADLOCKER OR EQUIVALENT TO ALL FASTENERS THAT DON'T HAVE A LOCK AND FLAT WASHER USED WITH THEM. UNLESS OTHERWISE NOTED.

DRAWN	Clari	6/26/2017		5051 NORTH SYLVANIA AVE SUITE 405. FORT WORTH, TX 76137	
CHECKED					
QA			TITLE		
STANDARD TOLERANCE	MFG		Module,Power Merge 4.5"		
.00 ± .02	APPROVED		SIZE	DWG NO	REV
.000 ± .005			C	ID100495	A
ANGLE ± 1°			SCALE	SHEET 5 OF 5	

Figure 24: Schematic, ID100495 PowerMerge™ Module

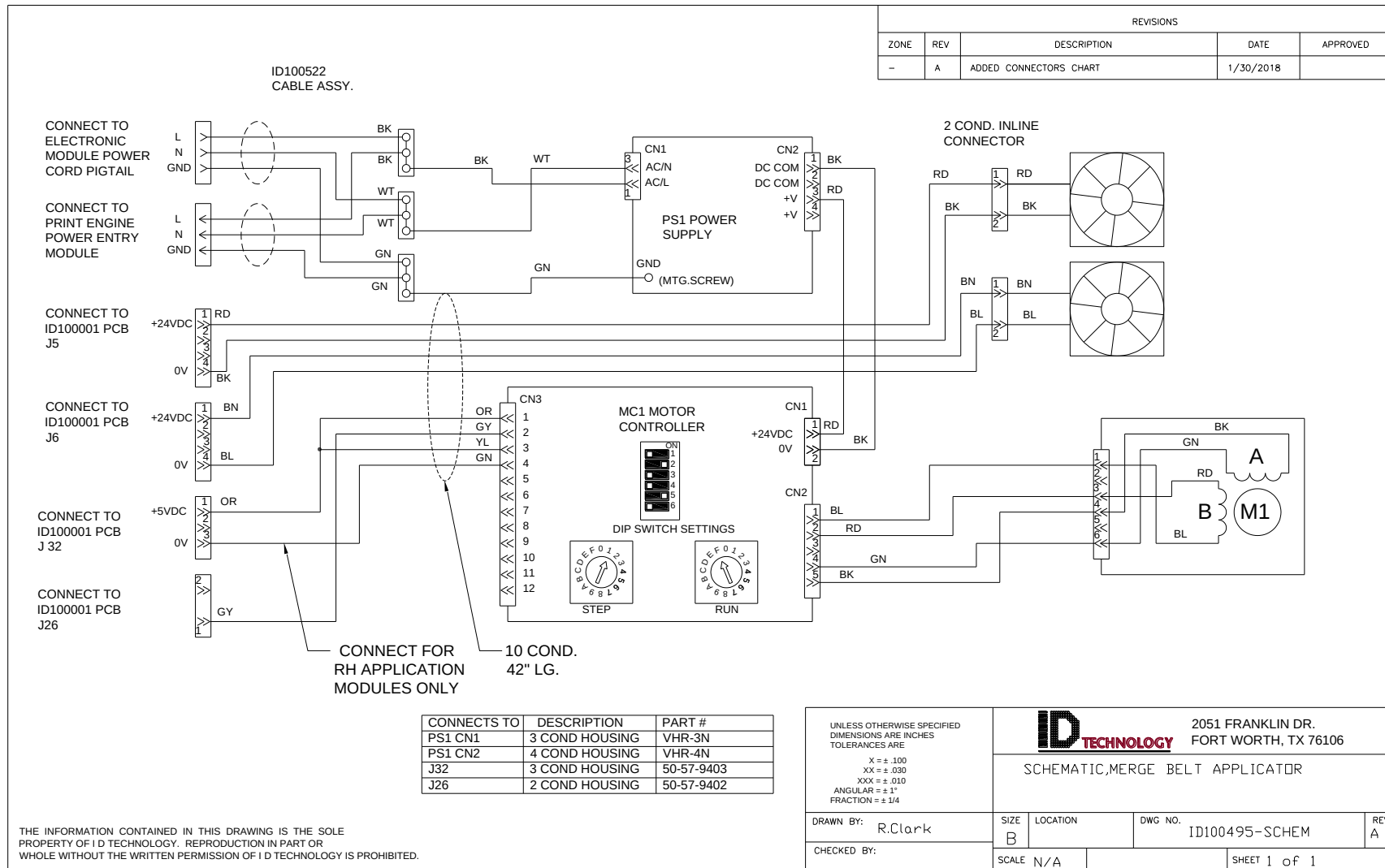


Figure 25: Exploded View, 62200-XX Tamp Assembly

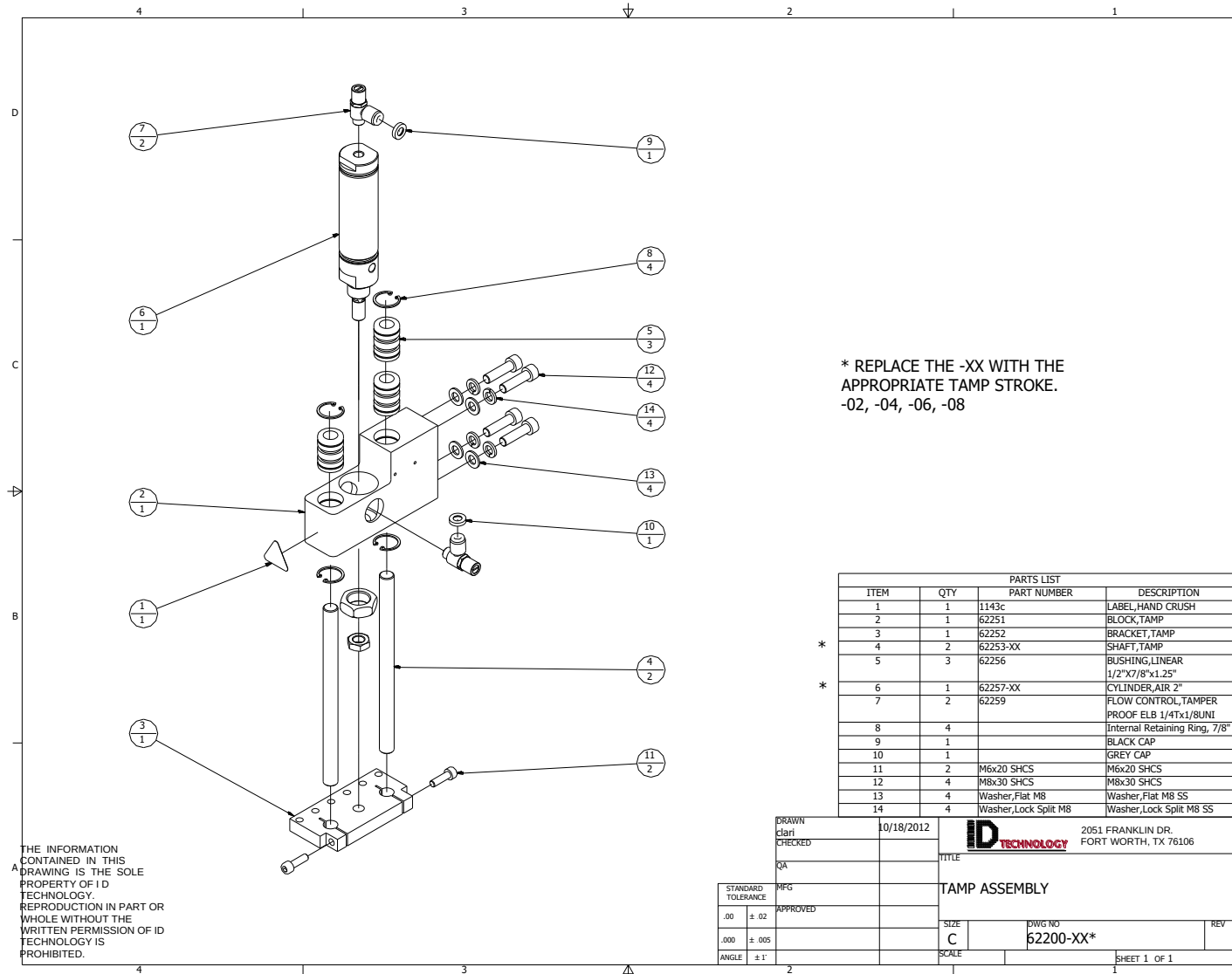


Figure 26: Exploded View, ID100273-XXX Centerline Straight Tamp Assembly

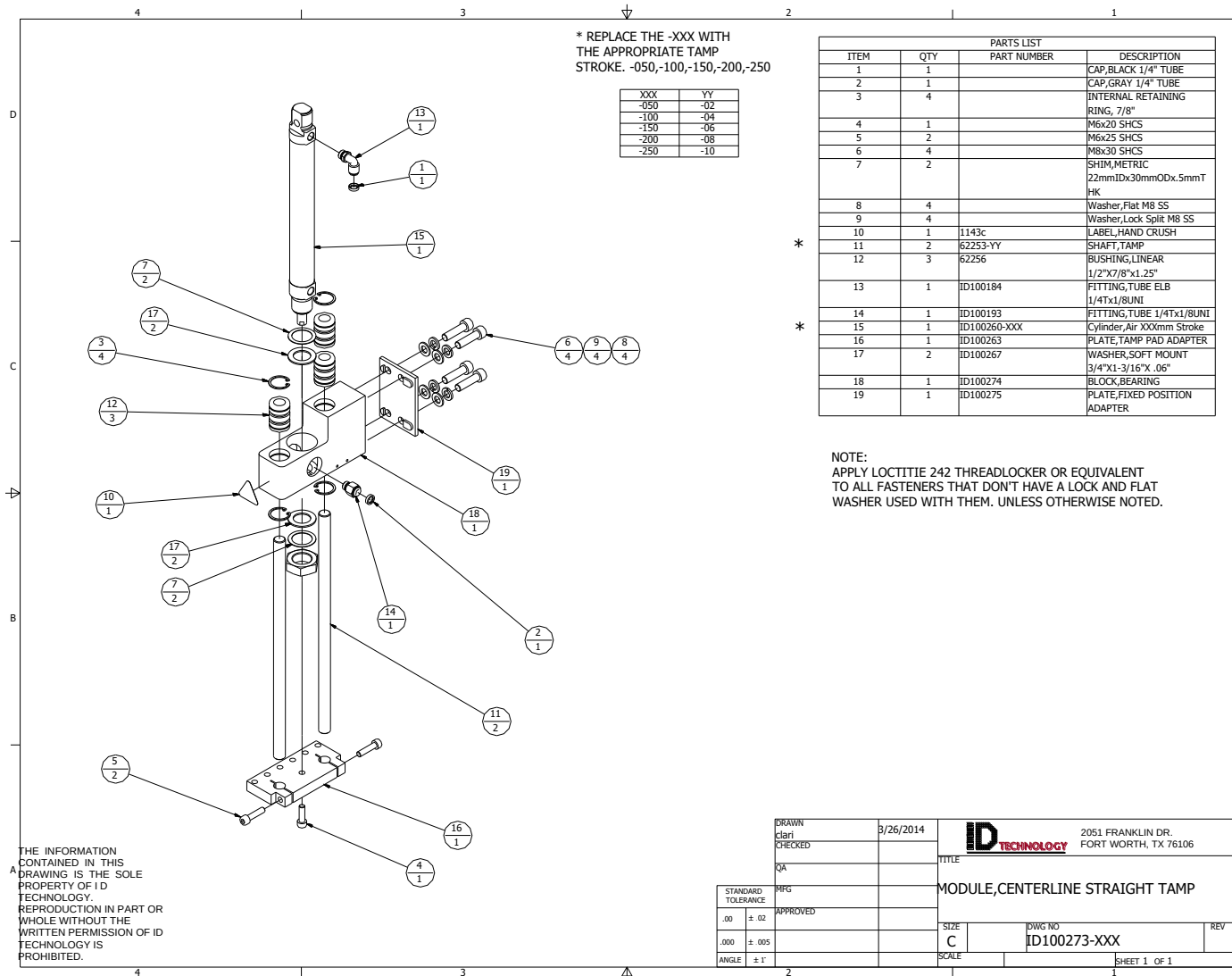


Figure 27: Exploded View, 62260-XX Heavy Duty Tamp Assembly

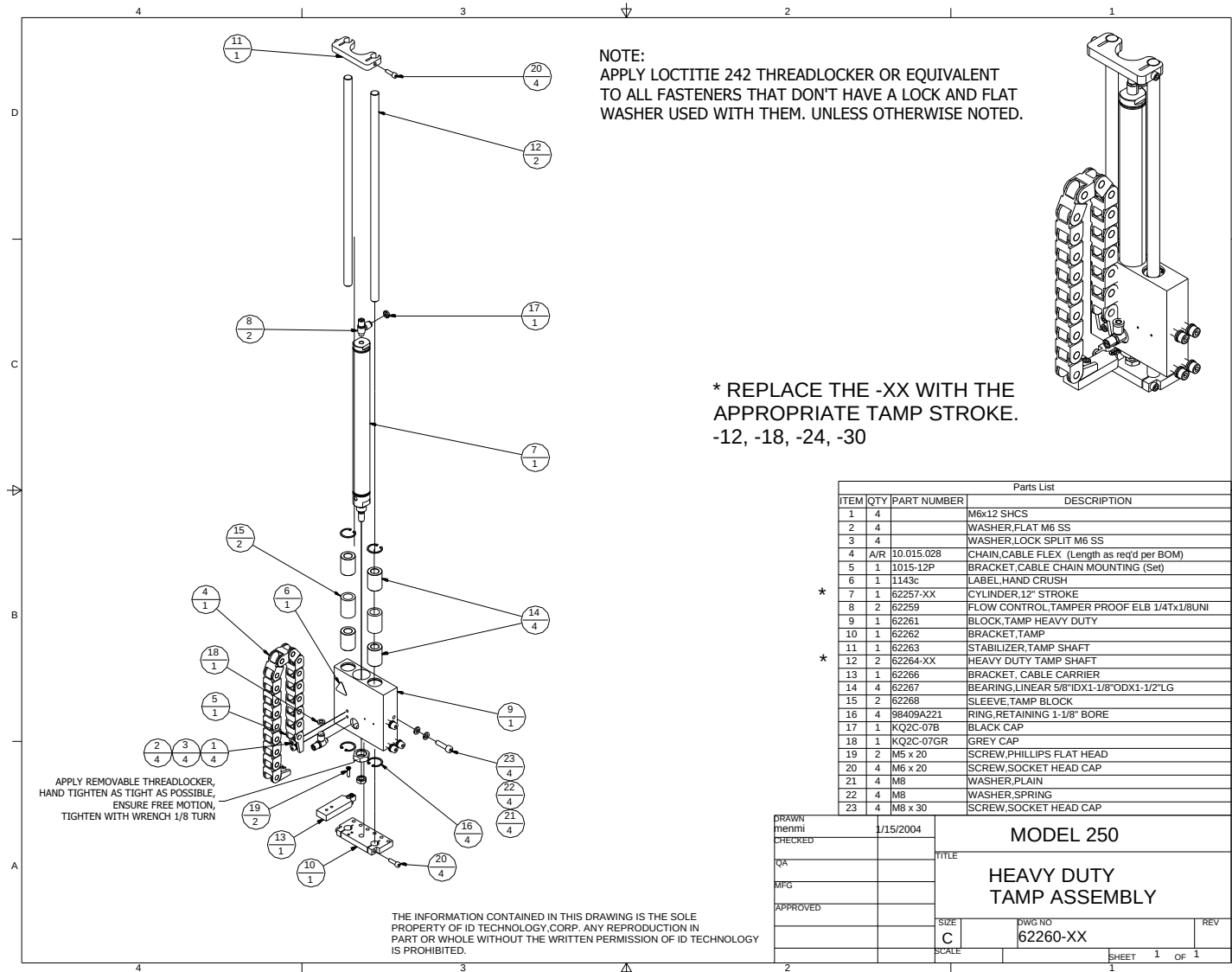


Figure 28: Exploded View, 62190-XX Service Tamp Assembly

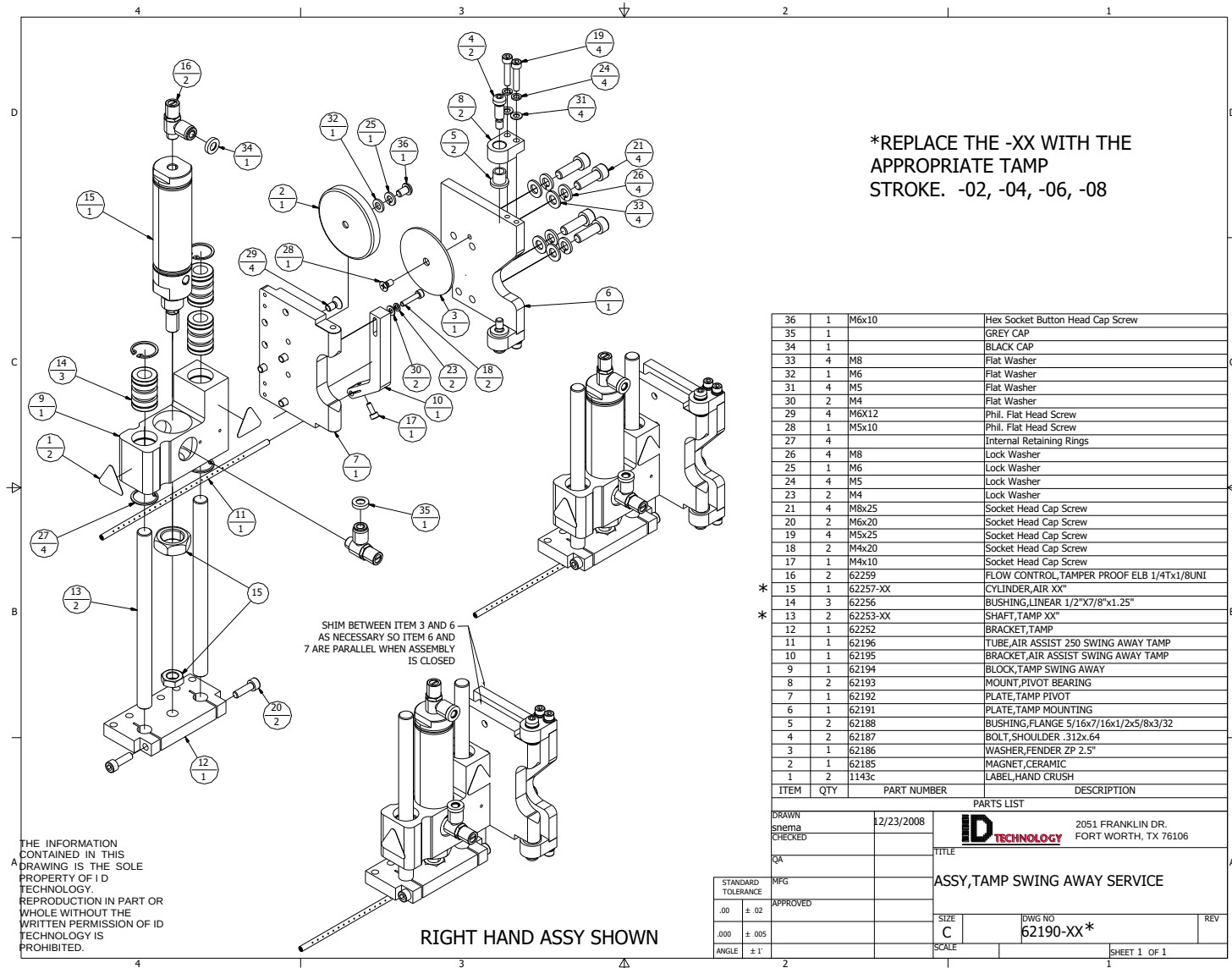


Figure 29: Exploded View, ID100261-XXX Centerline Service Tamp Assembly

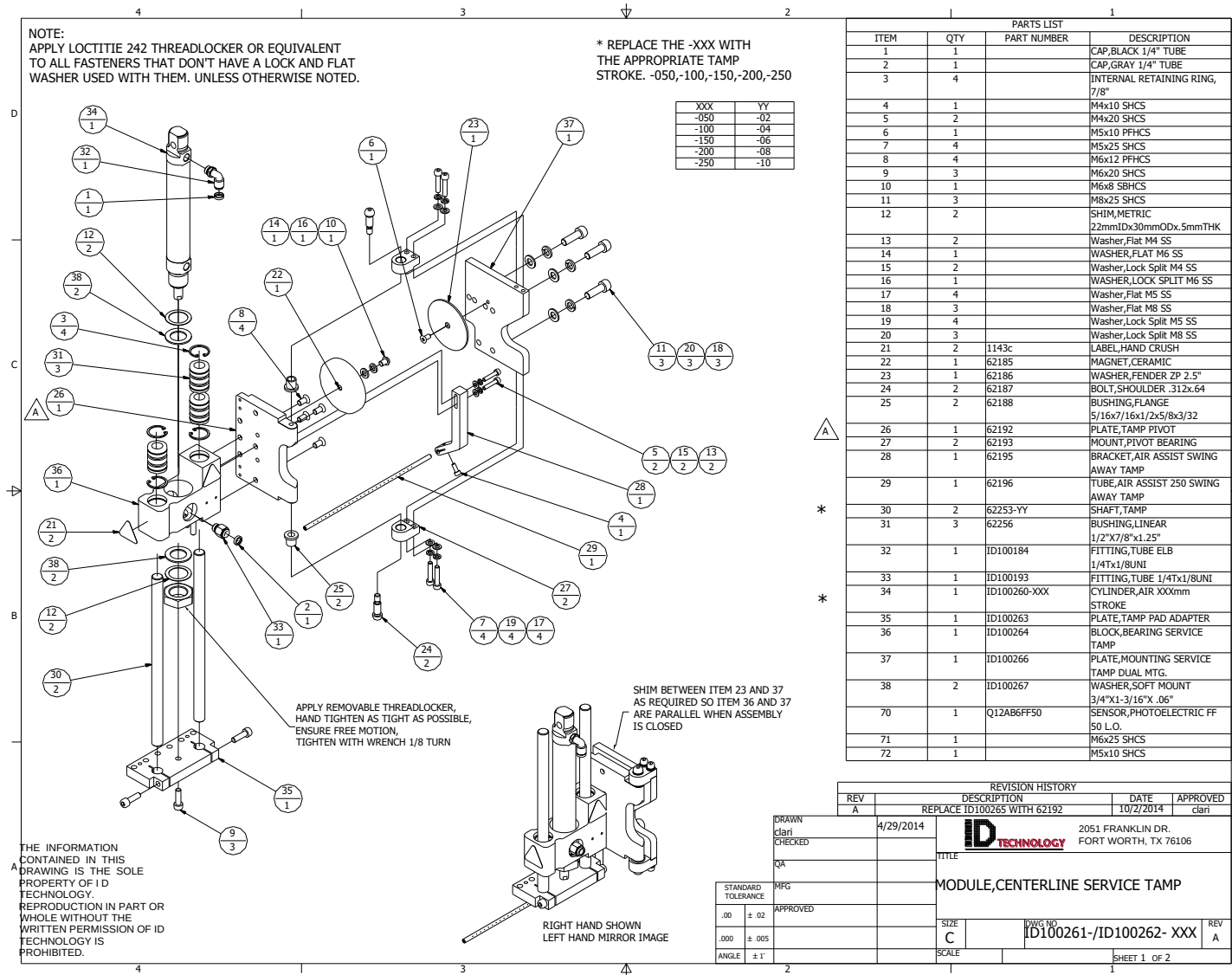


Figure 30: Exploded View, 62201-XX Swing Tamp Assembly

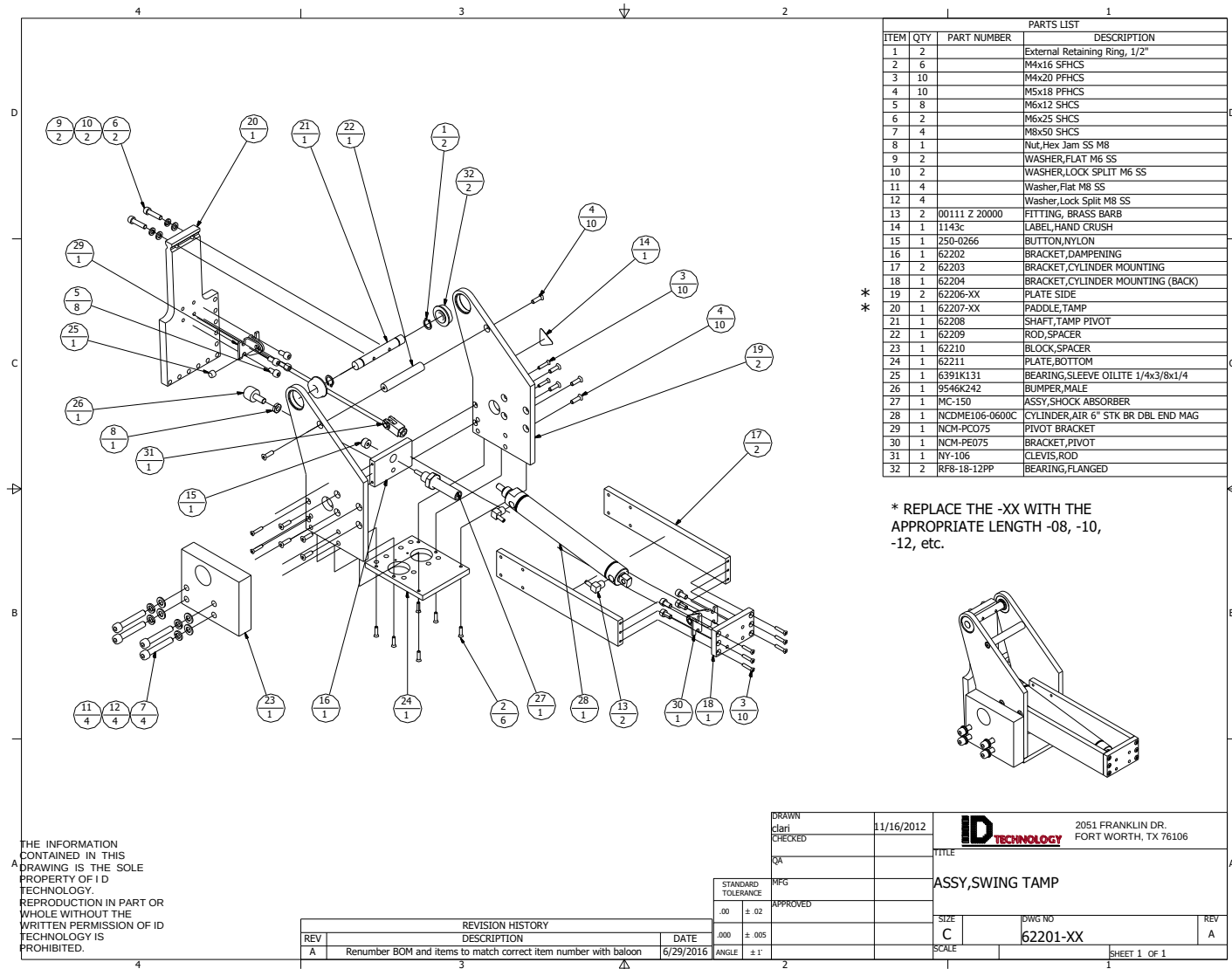
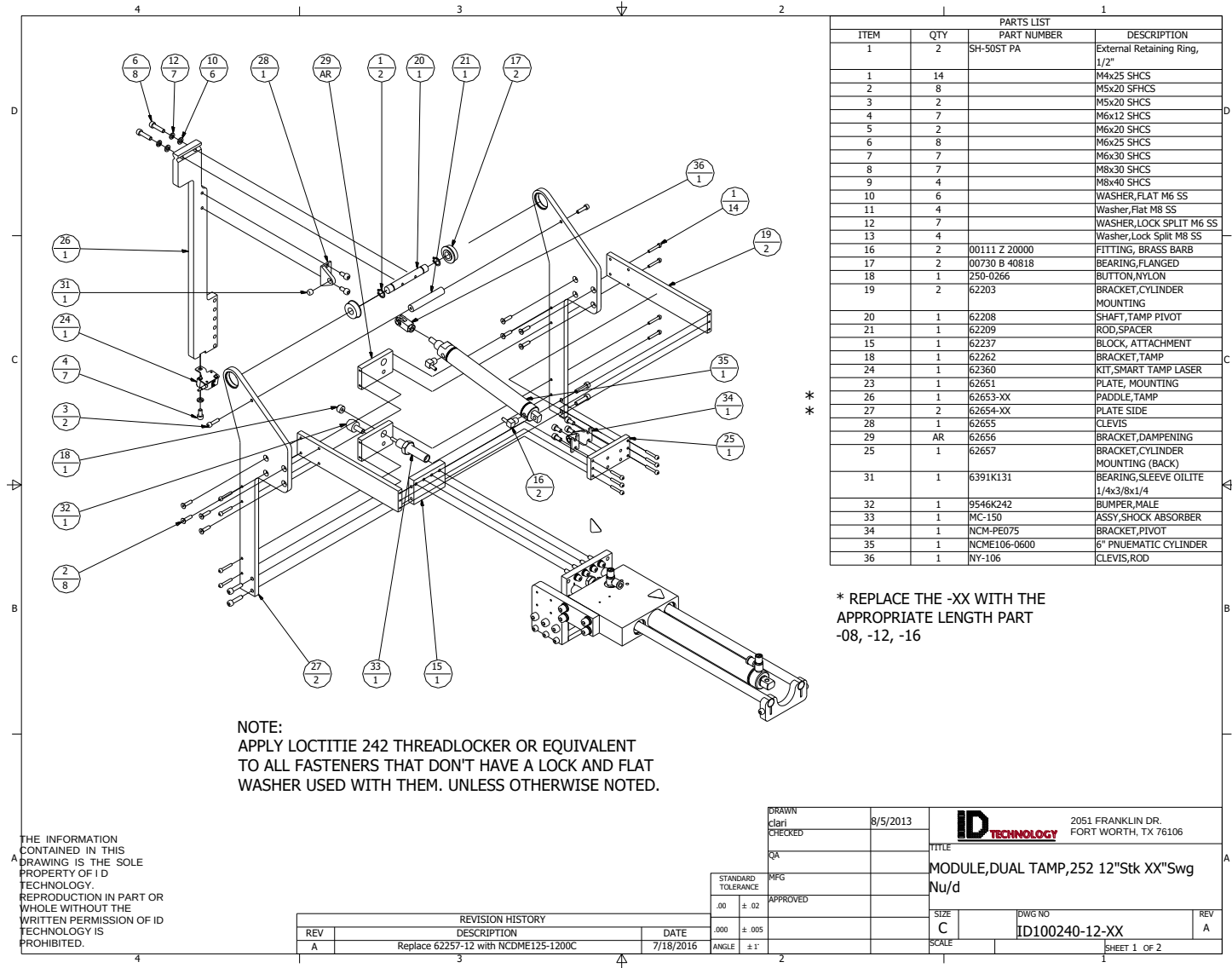
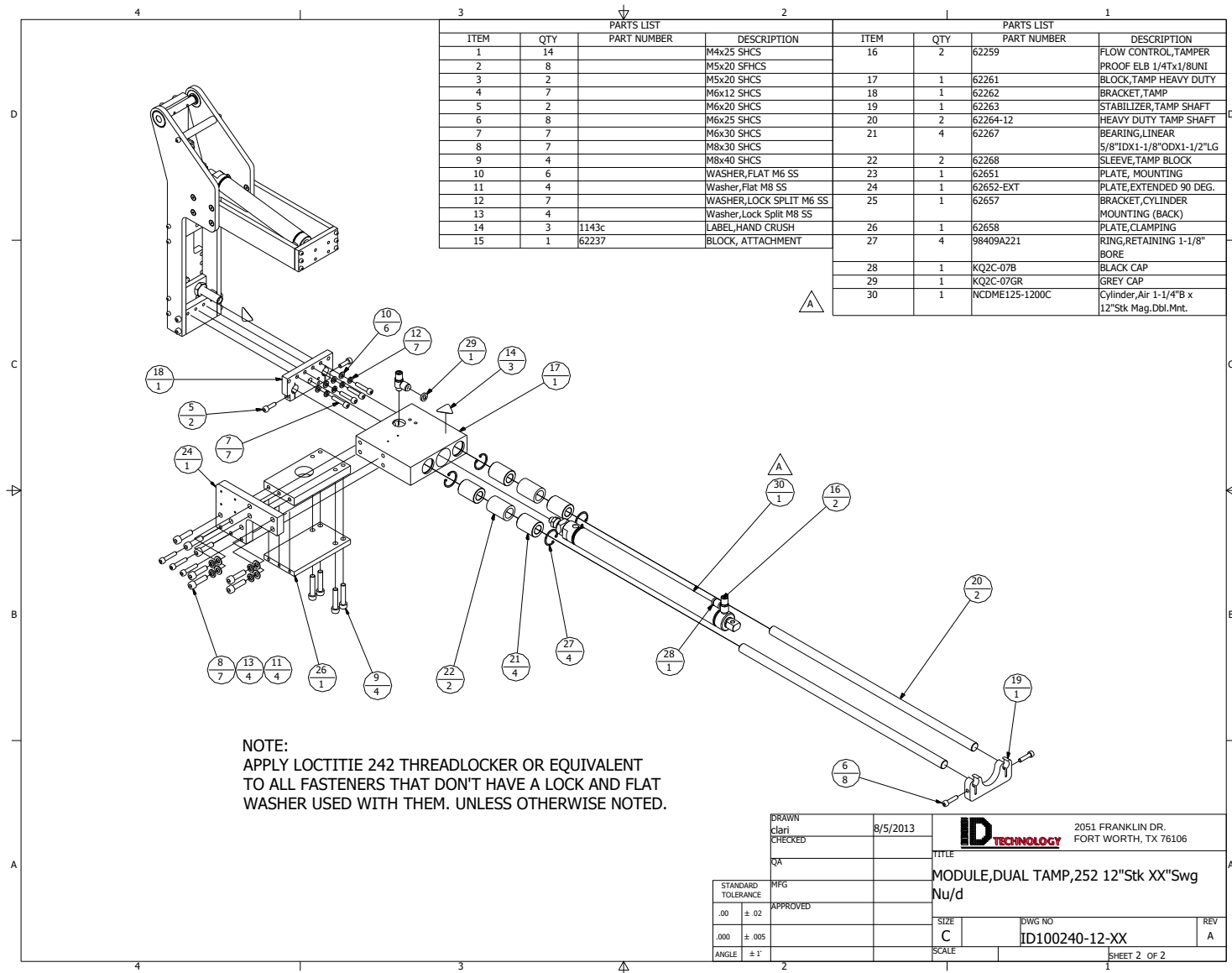
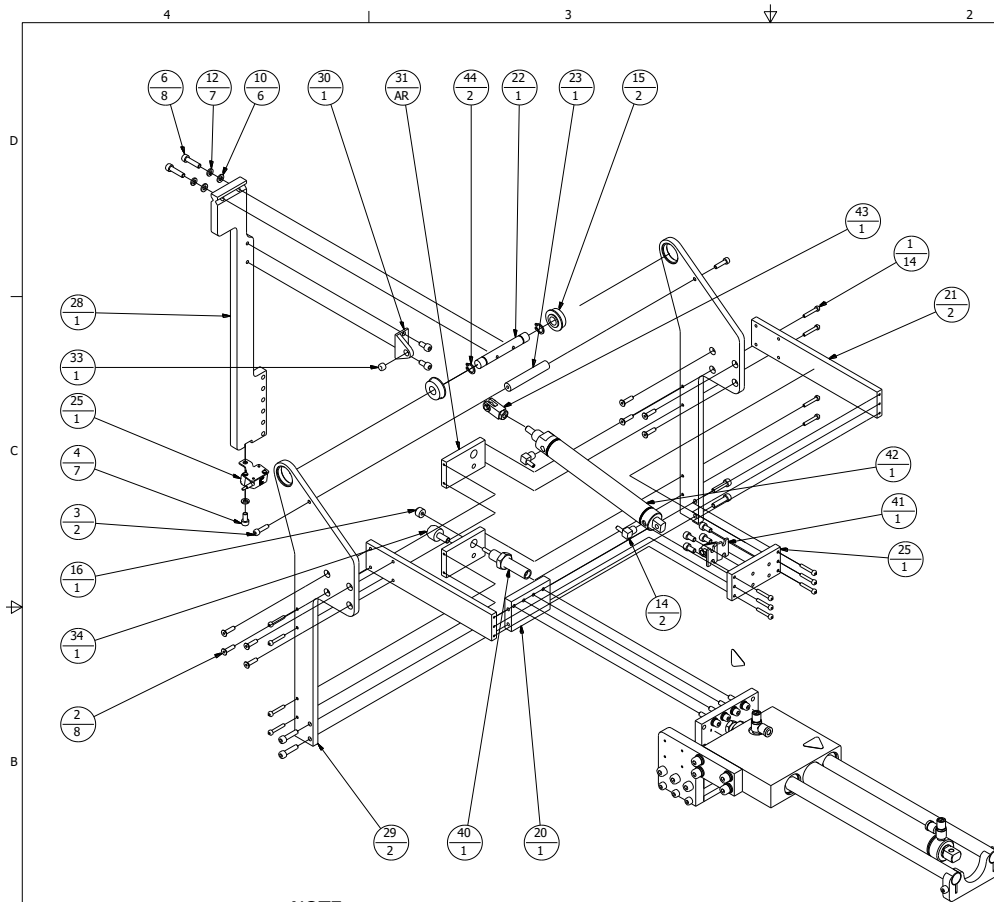


Figure 31: Exploded View, ID100240-12-XX Dual Panel Tamp Assembly NU/ND







NOTE:
APPLY LOCTITE 242 THREADLOCKER OR EQUIVALENT
TO ALL FASTENERS THAT DON'T HAVE A LOCK AND FLAT
WASHER USED WITH THEM. UNLESS OTHERWISE NOTED.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	14		M4x25 SHCS
2	8		M5x20 SFHCS
3	2		M5x20 SHCS
4	7		M6x12 SHCS
5	2		M6x20 SHCS
6	8		M6x25 SHCS
7	7		M6x30 SHCS
8	7		M8x30 SHCS
9	4		M8x40 SHCS
10	6		Washer, Flat M6 SS
11	4		Washer, Flat M8 SS
12	7		Washer, Lock Split M6 SS
13	4		Washer, Lock Split M8 SS
14	2	00111 Z 20000	FITTING, BRASS BARB
15	2	00730 B 40818	BEARING, FLANGED
16	1	250-0266	BUTTON, NYLON
15	2	60856	SLEEVE, TAMP BLOCK
17	1	62103	Lead Wiring Harness
18	1	62104	Valve, Sol 4 Way 24Vdc
19	1	62105	Regulator, Air W/Gauge
21	2	62203	BRACKET, CYLINDER MOUNTING
22	1	62208	SHAFT, TAMP PIVOT
23	1	62209	ROD, SPACER
20	1	62237	BLOCK, ATTACHMENT
25	1	62360	KIT, SMART TAMP LASER
22	1	62360	Kit, Smart Tamp Laser
23	1	62651	PLATE, MOUNTING
28	1	62653-XX	PADDLE, TAMP
29	2	62654-XX	PLATE SIDE
30	1	62655	CLEVIS
31	AR	62656	BRACKET, DAMPENING
25	1	62657	BRACKET, CYLINDER MOUNTING (BACK)
33	1	6391K131	BEARING, SLEEVE OILITE 1/4x3/8x1/4
34	1	9546K242	BUMPER, MALE
27	4	98409A240	RING, RETAINING 1-1/4" BORE
28	4	A-122026-SS	BEARING, LINEAR BALL SS 0.75
29	2	AS2001F-07D	Flow Control, Inline 1/4T Tamperproof
31	1	ID100719	BRACKET, TAMP 3/4" ROD
32	2	ID100720-12	ROD, GUIDE SS .75"x19.5"
40	1	MC-150	ASSY, SHOCK ABSORBER
41	1	NCM-PE075	BRACKET, PIVOT
42	1	NCME106-0600	6" PNEUMATIC CYLINDER
43	1	NY-106	CLEVIS, ROD
44	2	SH-50ST PA	External Retaining Ring, 1/2"

* REPLACE THE -XX WITH THE
APPROPRIATE LENGTH PART
-08, -12, -16

THE INFORMATION
CONTAINED IN THIS
DRAWING IS THE SOLE
PROPERTY OF ID
TECHNOLOGY.
REPRODUCTION IN PART OR
WHOLE WITHOUT THE
WRITTEN PERMISSION OF ID
TECHNOLOGY IS
PROHIBITED.

REVISION HISTORY		
REV	DESCRIPTION	DATE
A	Replace 62257-12 with NCDME125-1200C	7/18/2016
B	UPGRADED FROM 5/8" TO 3/4" GUIDE RODS AND CHANGED TO ROLLER BEARINGS	4/10/2019

STANDARD TOLERANCE
.00 ± .02
.000 ± .005
ANGLE ± 1°

DRAWN	clari	8/5/2013
CHECKED		
QA		
MFG		
APPROVED		
 2051 FRANKLIN DR. FORT WORTH, TX 76106		
TITLE		
MODULE, DUAL TAMP, 252 12"Stk XX"Swg		
Nu/d		
SIZE		DWG NO
C		ID100240-12-XX
SCALE		SHEET 1 OF 2

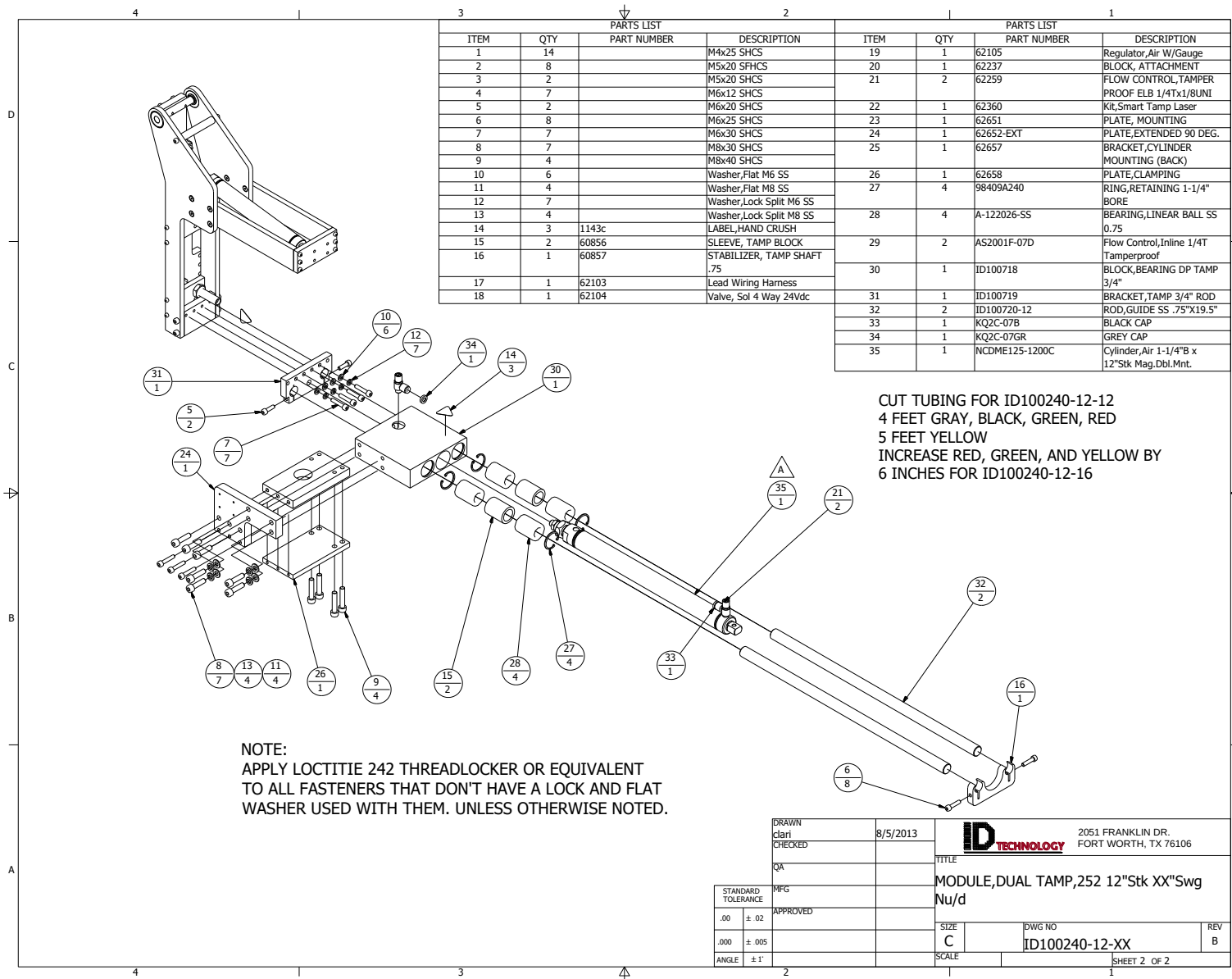
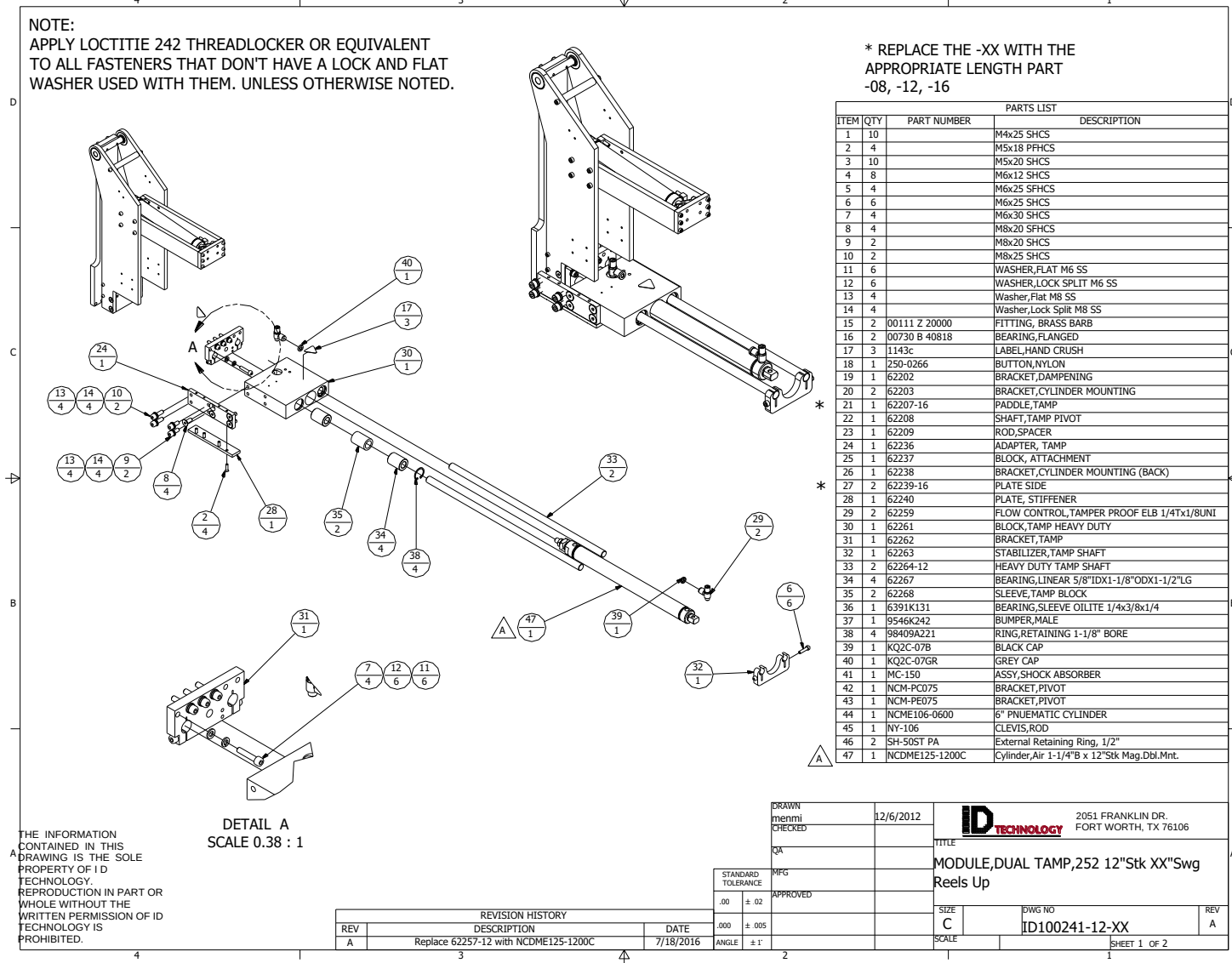
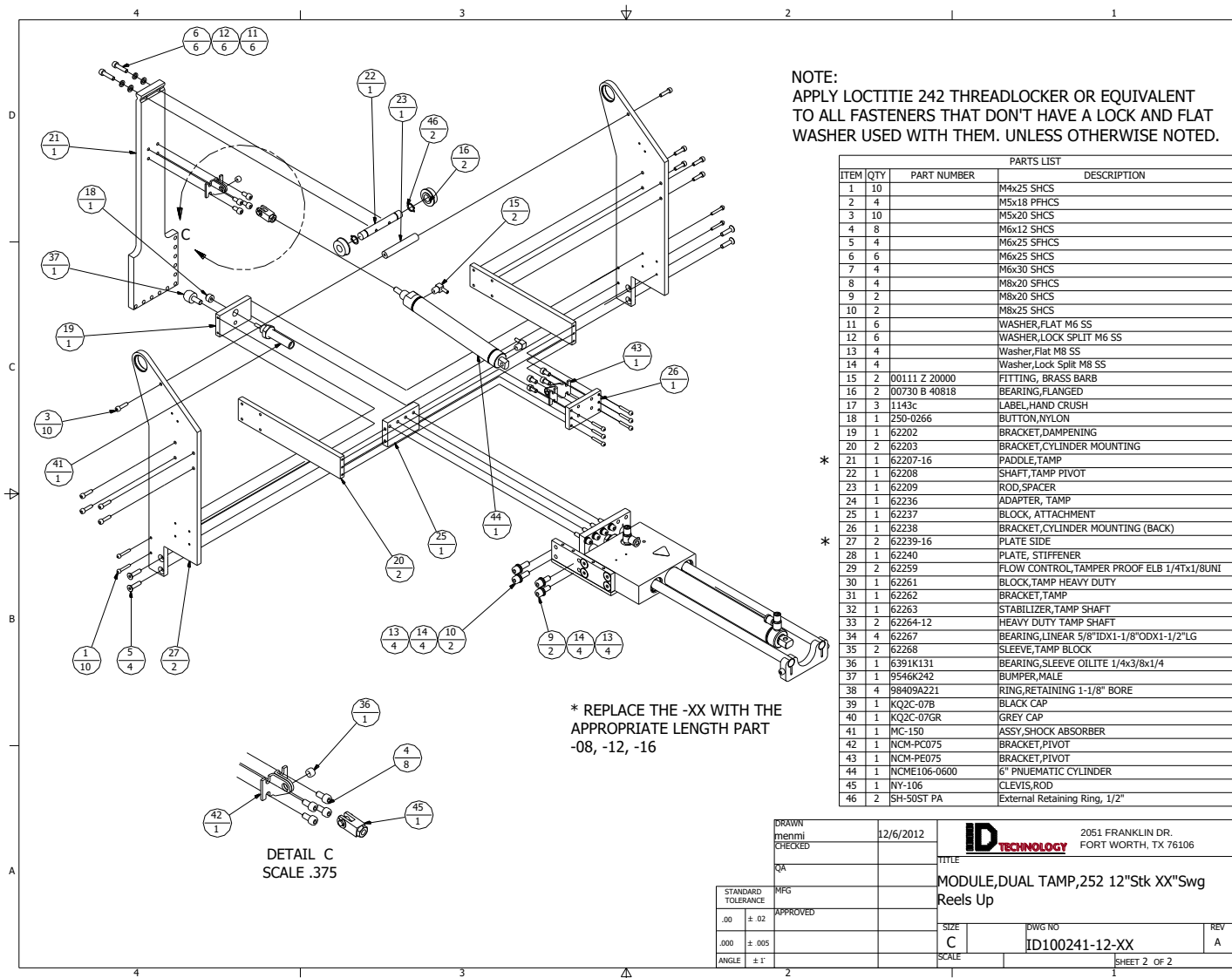
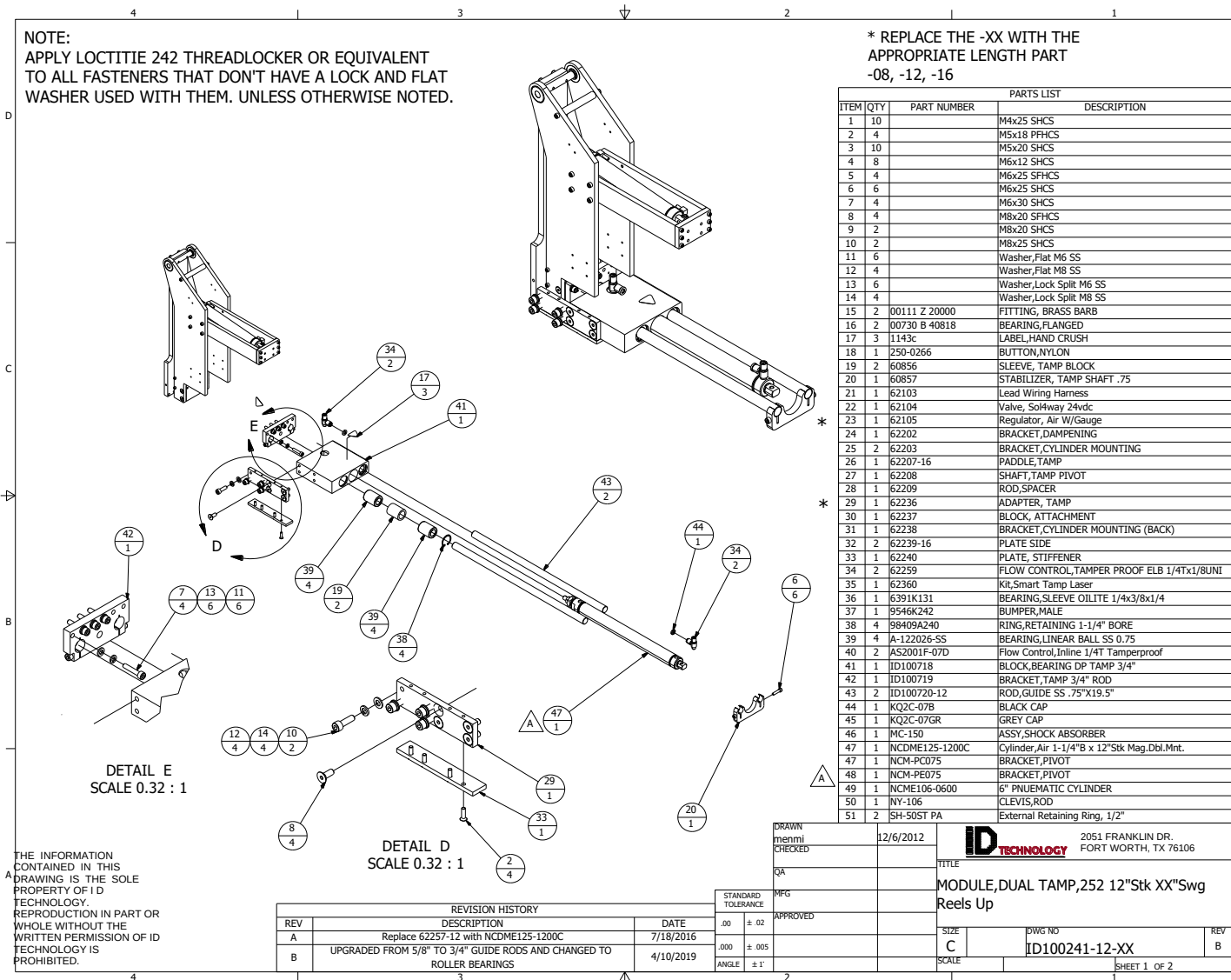


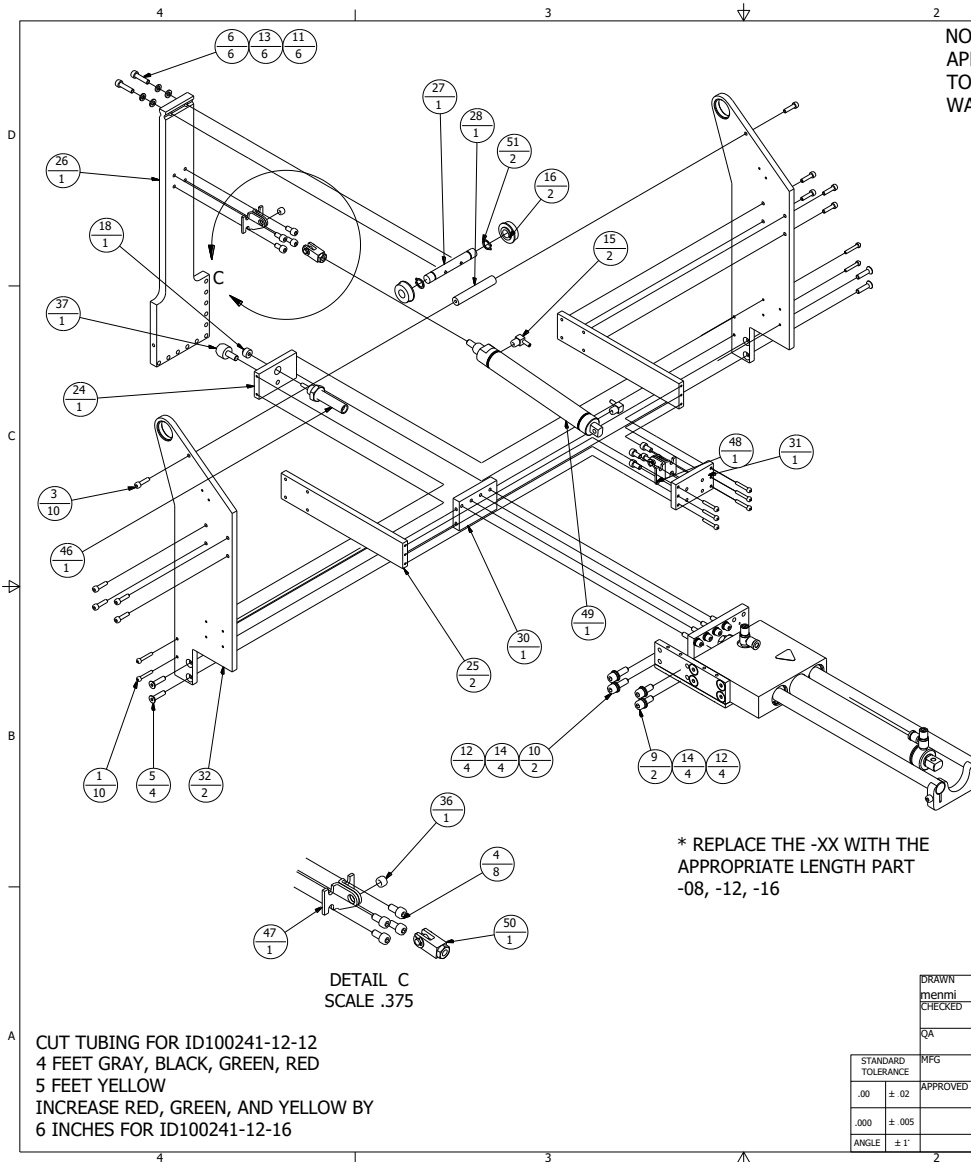
Figure 32: Exploded View, ID100241-12-XX Dual Panel Tamp Assembly Reels Up







4
3
2
1



NOTE:
APPLY LOCTITE 242 THREADLOCKER OR EQUIVALENT TO ALL FASTENERS THAT DON'T HAVE A LOCK AND FLAT WASHER USED WITH THEM. UNLESS OTHERWISE NOTED.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	10		M4x25 SHCS
2	4		M5x18 PFHCS
3	10		M5x20 SHCS
4	8		M6x12 SHCS
5	4		M6x25 SFHCS
6	6		M6x25 SHCS
7	4		M6x30 SHCS
8	4		M8x20 SFHCS
9	2		M8x20 SHCS
10	2		M8x25 SHCS
11	6		Washer, Flat M6 SS
12	4		Washer, Flat M8 SS
13	6		Washer, Lock Split M6 SS
14	4		Washer, Lock Split M8 SS
15	2	00111 Z 20000	FITTING, BRASS BARB
16	2	00730 B 40818	BEARING, FLANGED
17	3	1143C	LABEL, HAND CRUSH
18	1	250-0266	BUTTON, NYLON
19	2	60856	SLEEVE, TAMP BLOCK
20	1	60857	STABILIZER, TAMP SHAFT .75
21	1	62103	Lead Wiring Harness
22	1	62104	Valve, Sol4way 24vdc
23	1	62105	Regulator, Air W/Gauge
24	1	62202	BRACKET, DAMPENING
25	2	62203	BRACKET, CYLINDER MOUNTING
26	1	62207-16	PADDLE, TAMP
27	1	62208	SHAFT, TAMP PIVOT
28	1	62209	ROD, SPACER
29	1	62236	ADAPTER, TAMP
30	1	62237	BLOCK, ATTACHMENT
31	1	62238	BRACKET, CYLINDER MOUNTING (BACK)
32	2	62239-16	PLATE SIDE
33	1	62240	PLATE, STIFFENER
34	2	62259	FLOW CONTROL, TAMPER PROOF ELB 1/4"x1/8"UN
35	1	62360	Kit, Smart Tamp Laser
36	1	6391K131	BEARING, SLEEVE OILITE 1/4"x3/8"x1/4
37	1	9546K242	BUMPER, MALE
38	4	98409A240	RING, RETAINING 1-1/4" BORE
39	4	A-122026-SS	BEARING, LINEAR BALL SS 0.75
40	2	AS2001F-07D	Flow Control, Inline 1/4" Tamperproof
41	1	ID100718	BLOCK, BEARING DP TAMP 3/4"
42	1	ID100719	BRACKET, TAMP 3/4" ROD
43	2	ID100720-12	ROD, GUIDE SS .75"x19.5"
44	1	KQ2C-07B	BLACK CAP
45	1	KQ2C-07GR	GREY CAP
46	1	MC-150	ASSY, SHOCK ABSORBER
47	1	NCM-PC075	BRACKET, PIVOT
48	1	NCM-PE075	BRACKET, PIVOT
49	1	NCME106-0600	6" PNEUMATIC CYLINDER
50	1	NY-106	CLEVIS, ROD
51	2	SH-50ST PA	External Retaining Ring, 1/2"

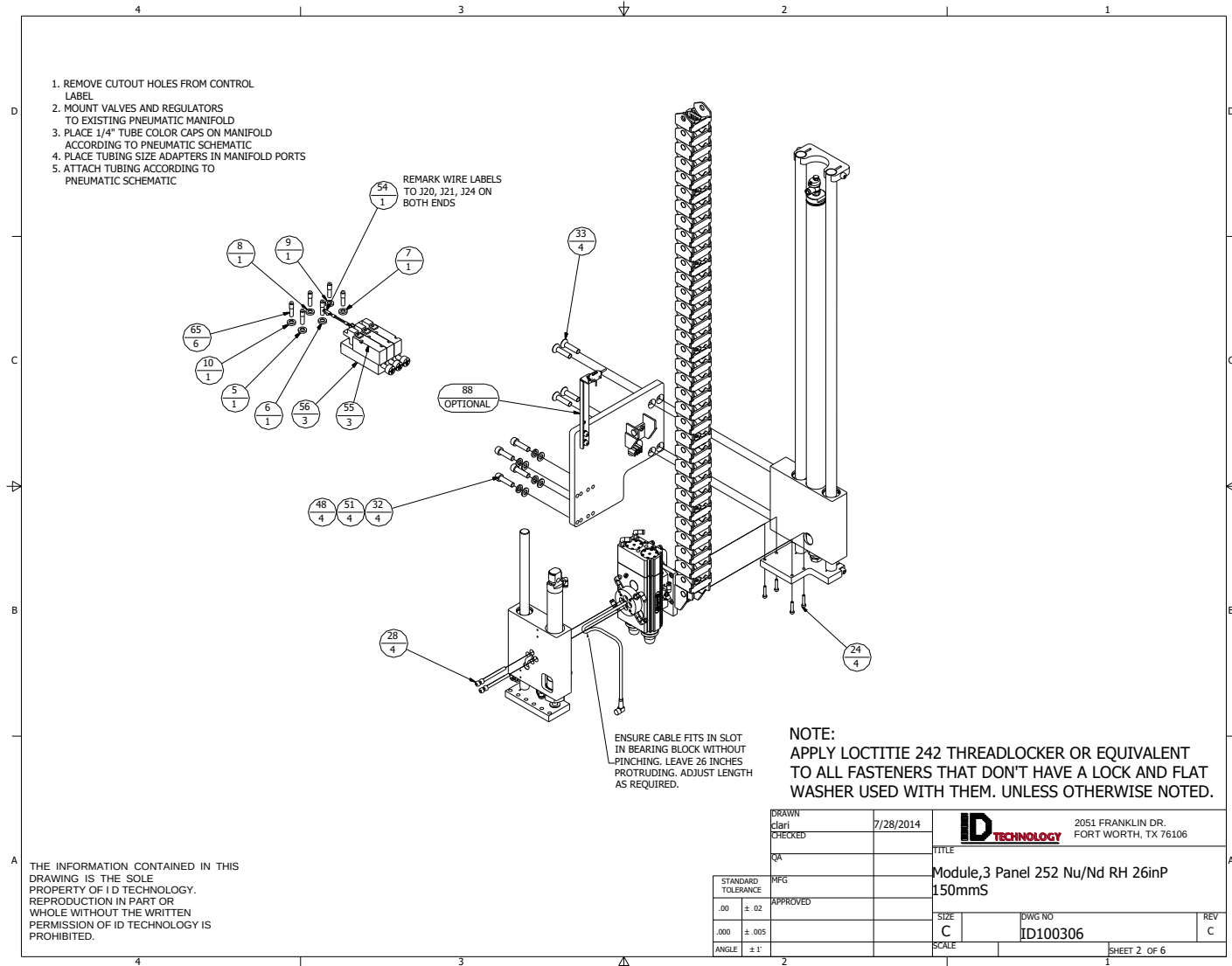
* REPLACE THE -XX WITH THE APPROPRIATE LENGTH PART -08, -12, -16

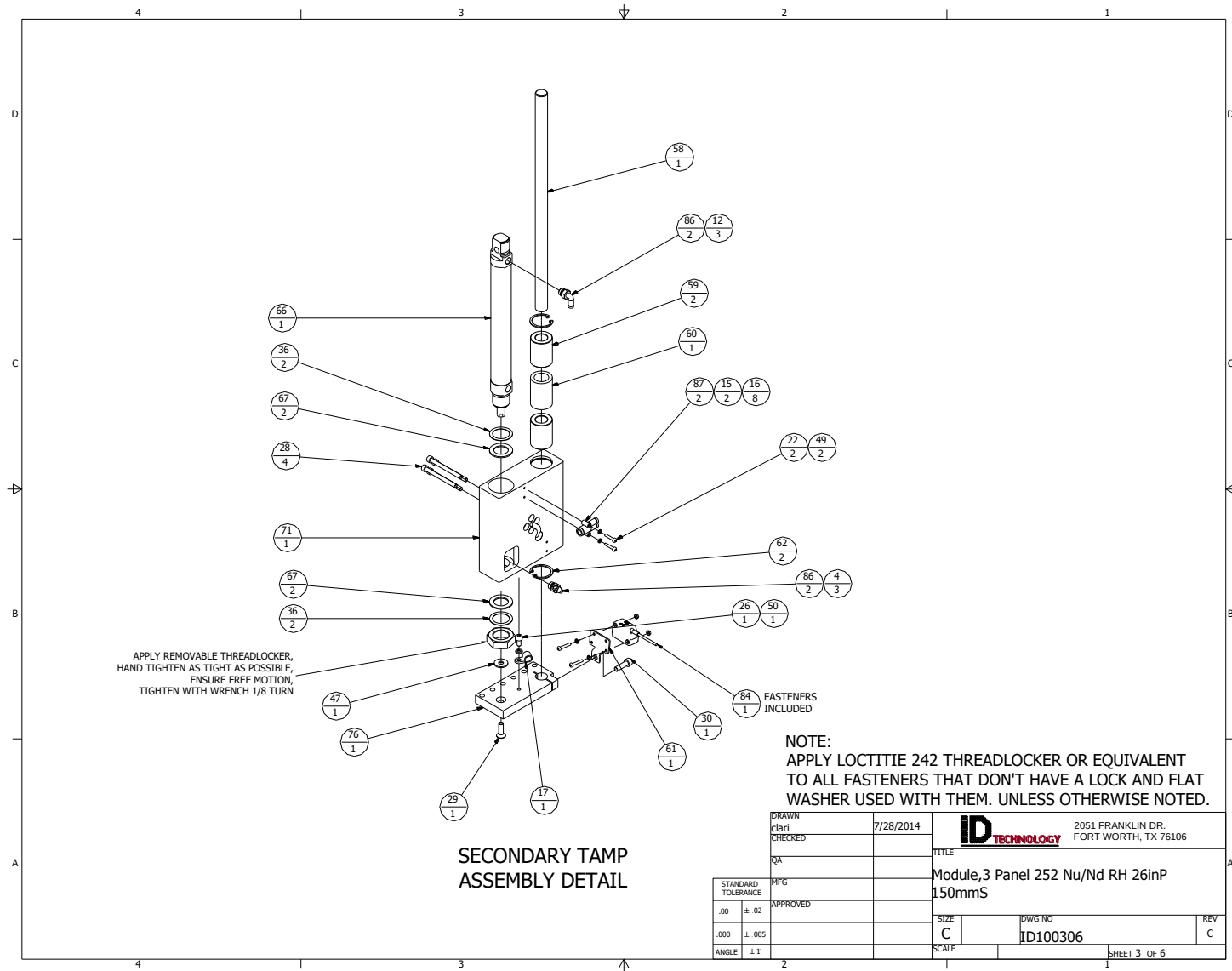
DETAIL C
SCALE .375

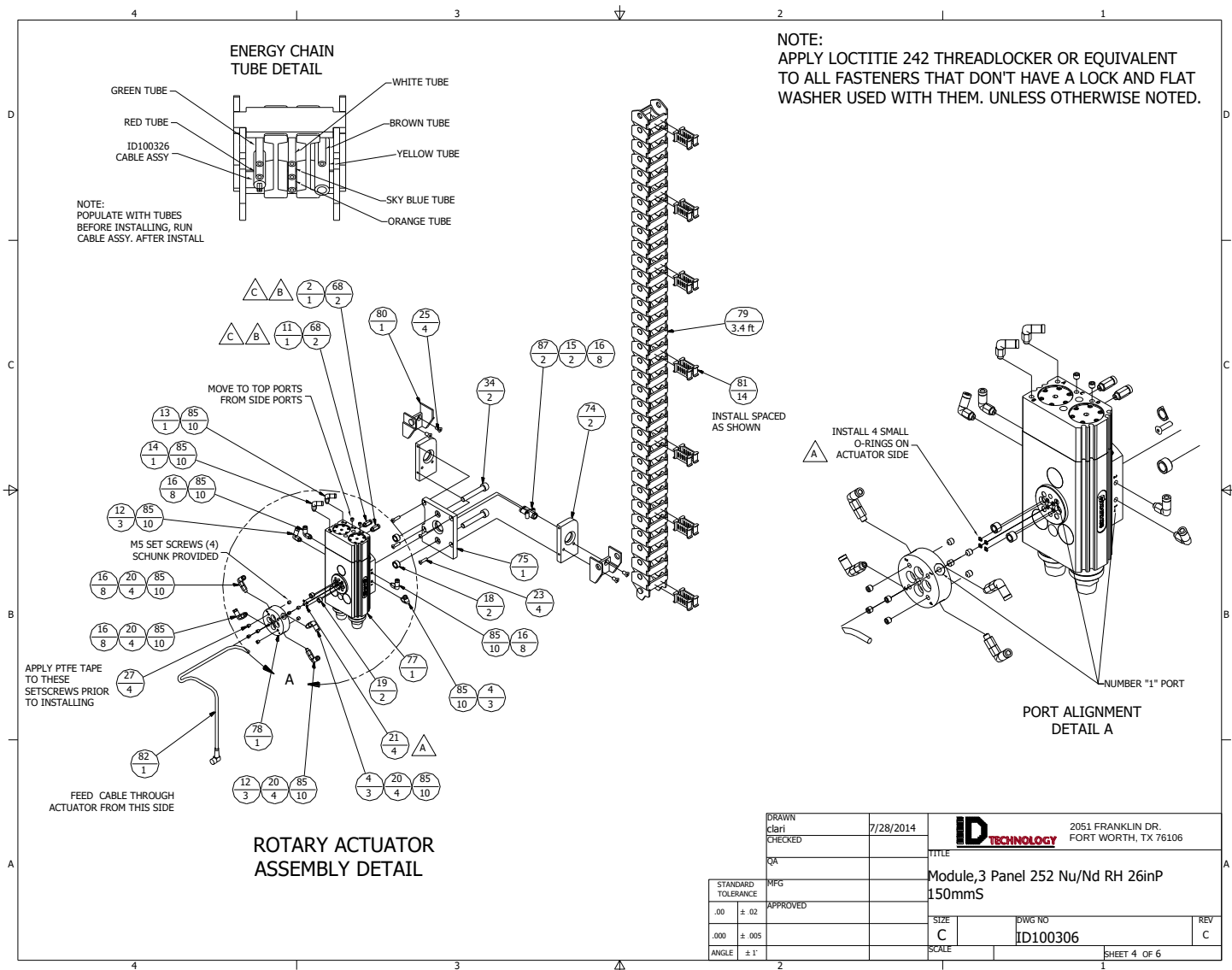
CUT TUBING FOR ID100241-12-12
4 FEET GRAY, BLACK, GREEN, RED
5 FEET YELLOW
INCREASE RED, GREEN, AND YELLOW BY
6 INCHES FOR ID100241-12-16

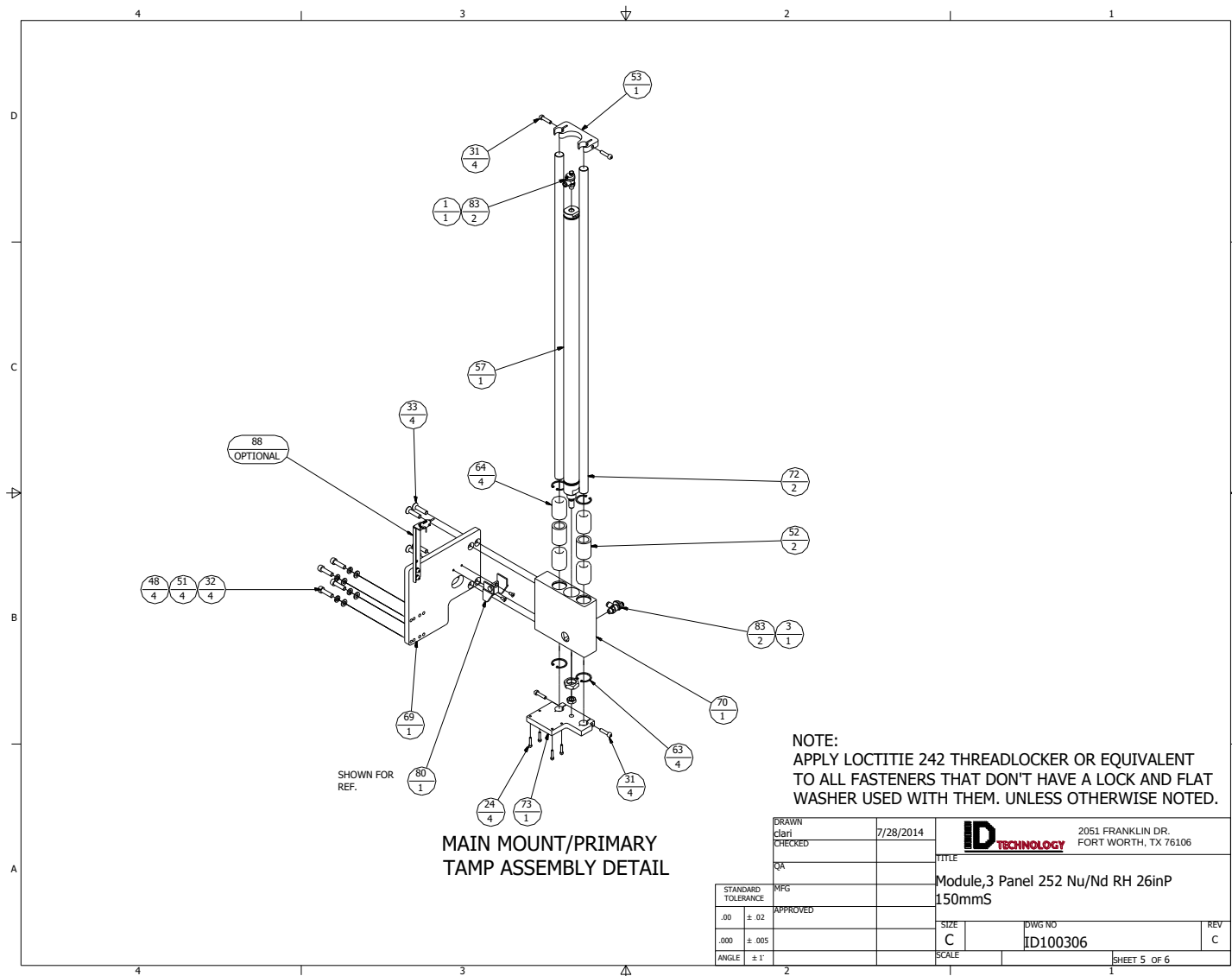
DRAWN	menmi	12/6/2012	 2051 FRANKLIN DR. FORT WORTH, TX 76106
CHECKED			
QA			
STANDARD TOLERANCE .00 ± .02 .000 ± .005 ANGLE ± 1°			TITLE MODULE, DUAL TAMP, 252 12" Stk XX" Swg Reels Up
MFG APPROVED			SIZE C
			DWG NO ID100241-12-XX
			SCALE SHEET 2 OF 2

Figure 33: Exploded View, ID100306 Three Panel Tamp Assembly NU/ND



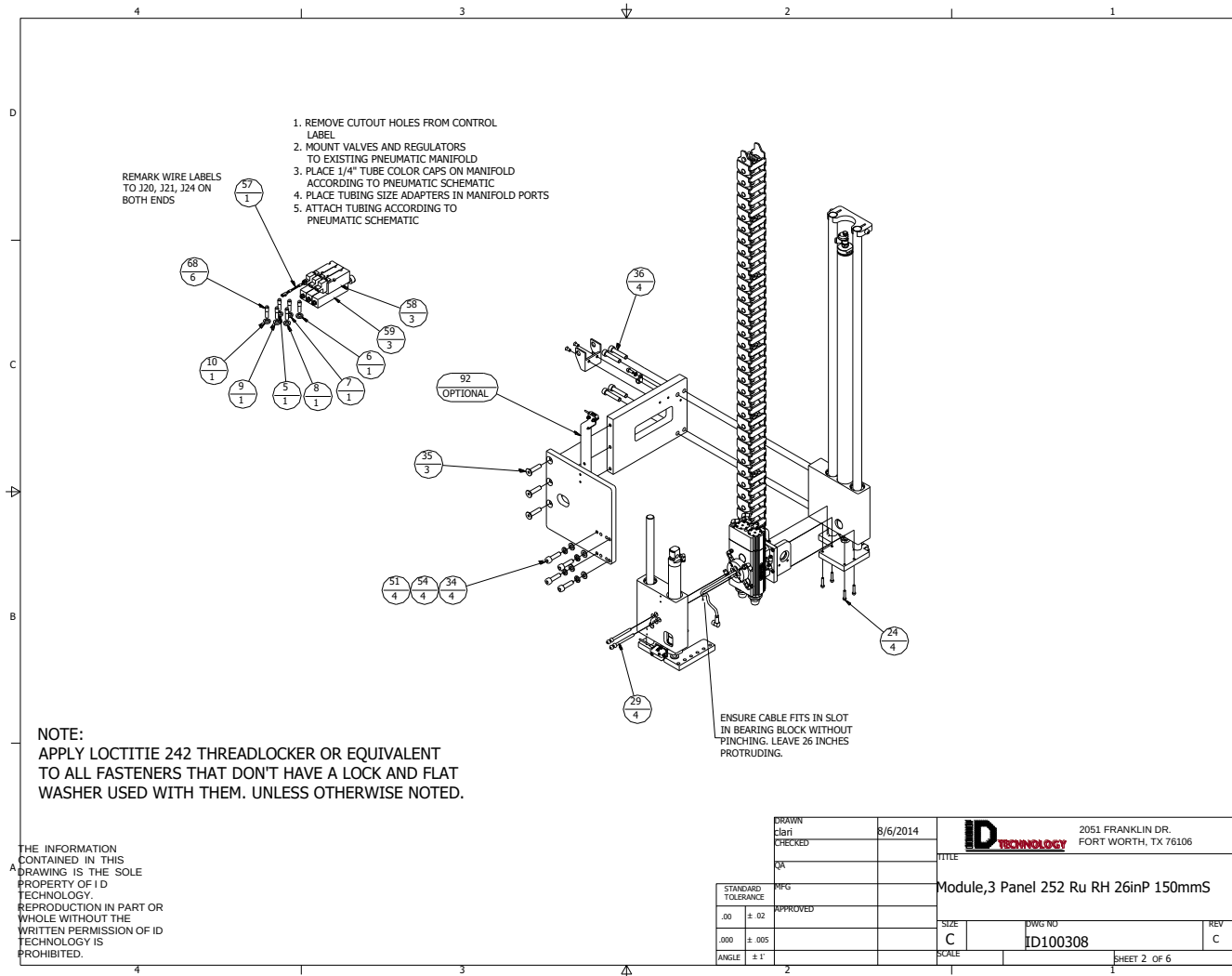


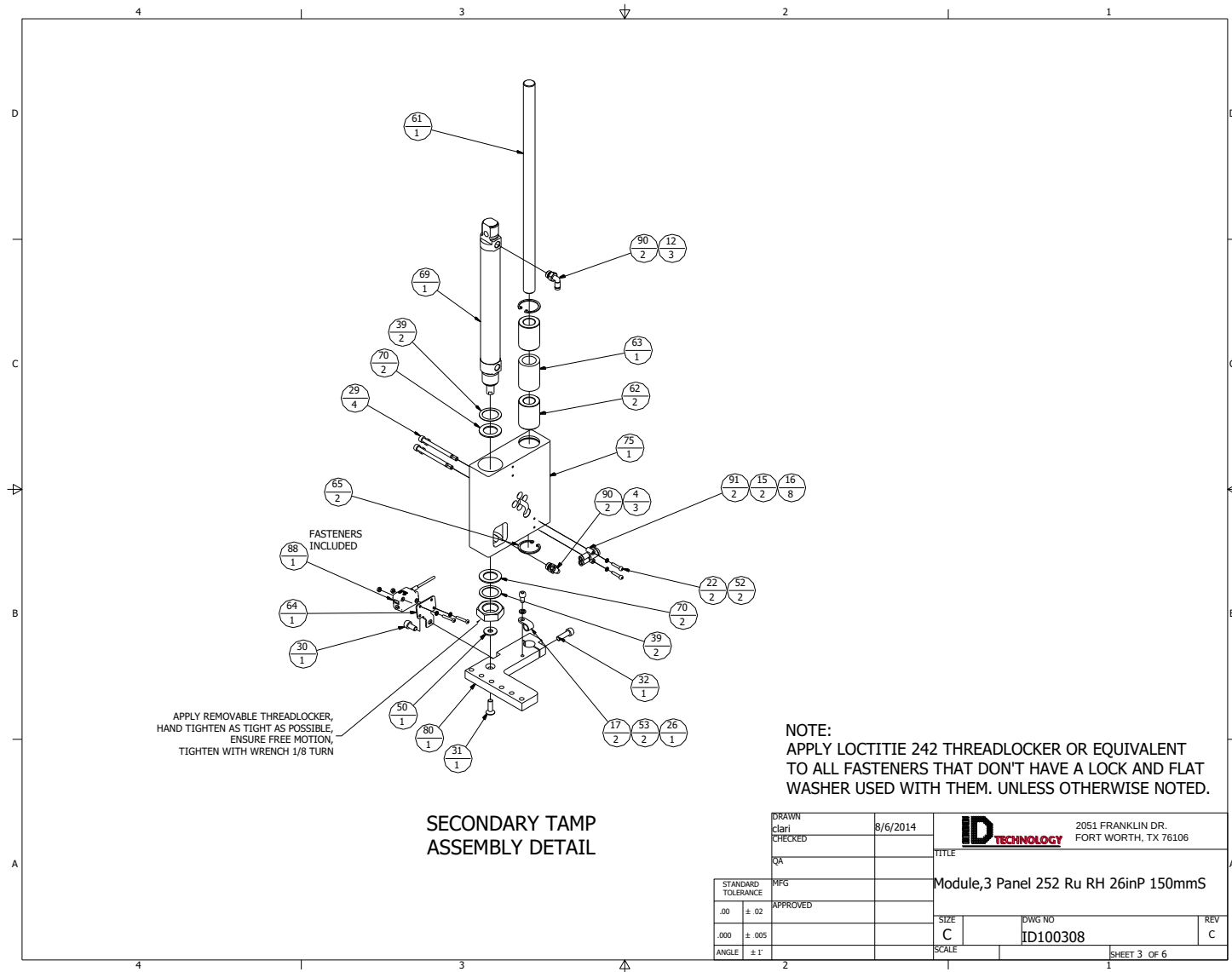


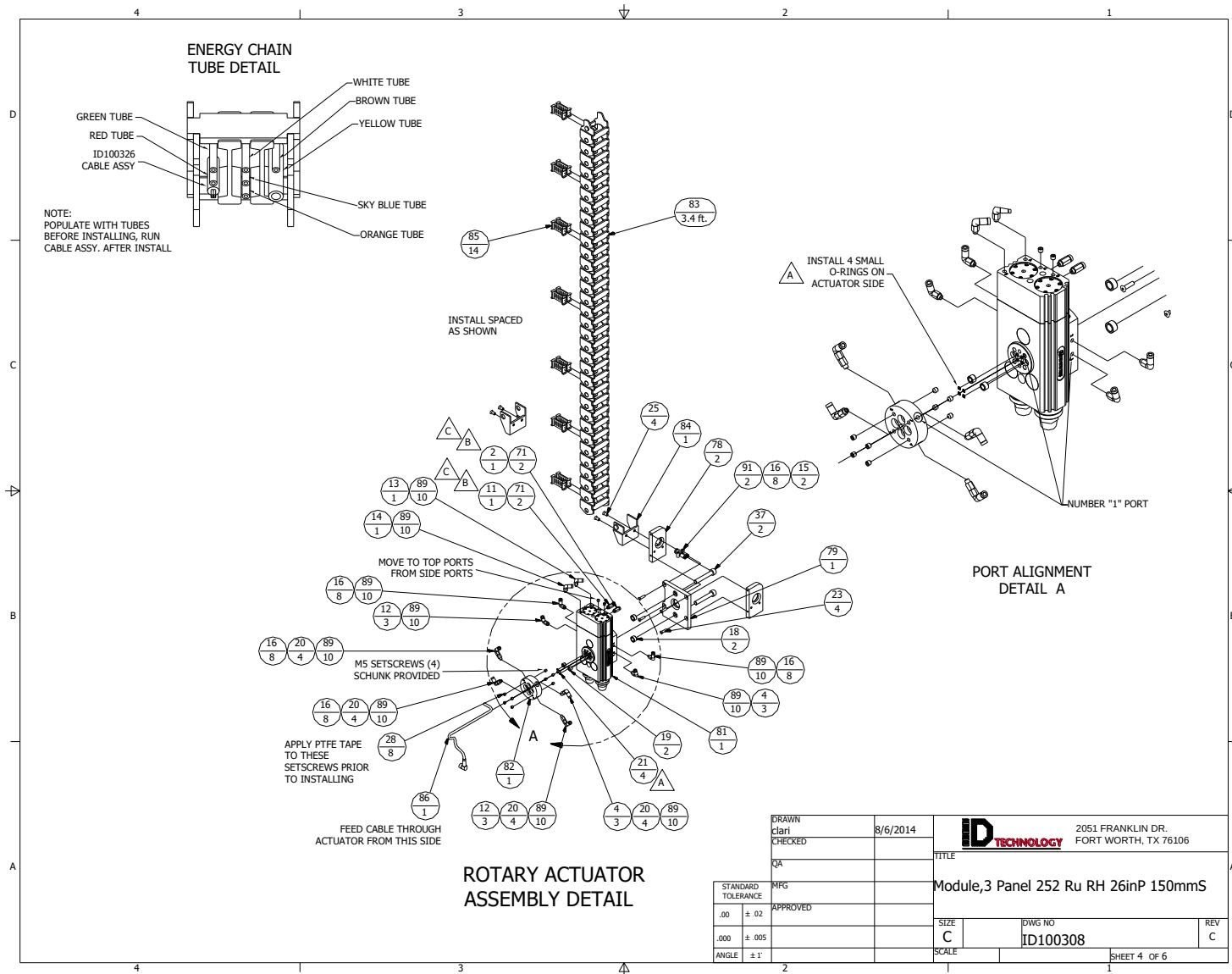


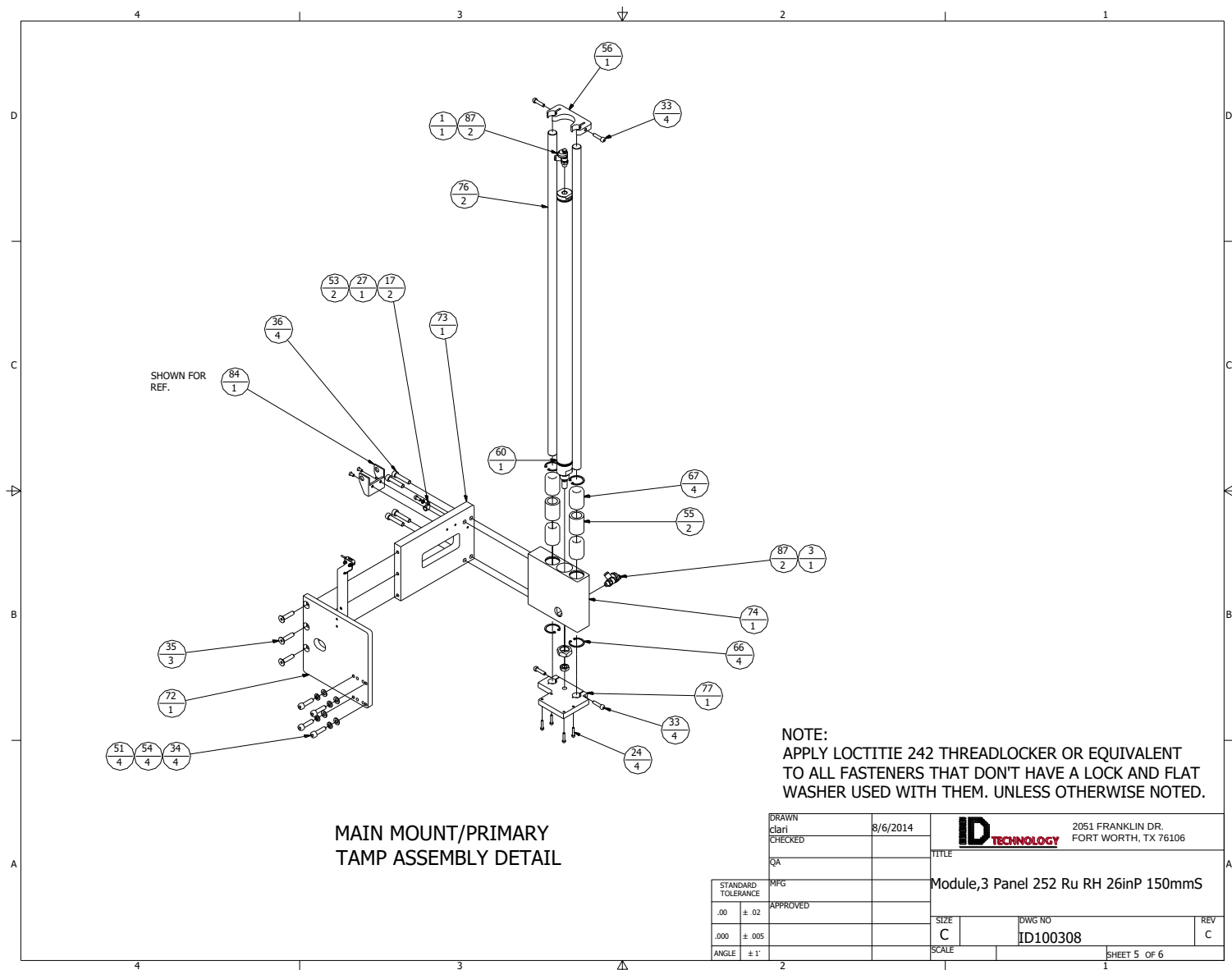
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Figure 34: Exploded View, ID100308 Three Panel Tamp Assembly Reels Up









4				3				2				1			
C				B											
D															
C				B											
C				A											
D															
B															
A															

Figure 35: Exploded View, ID100334 Three Panel Tamp Home Sensor

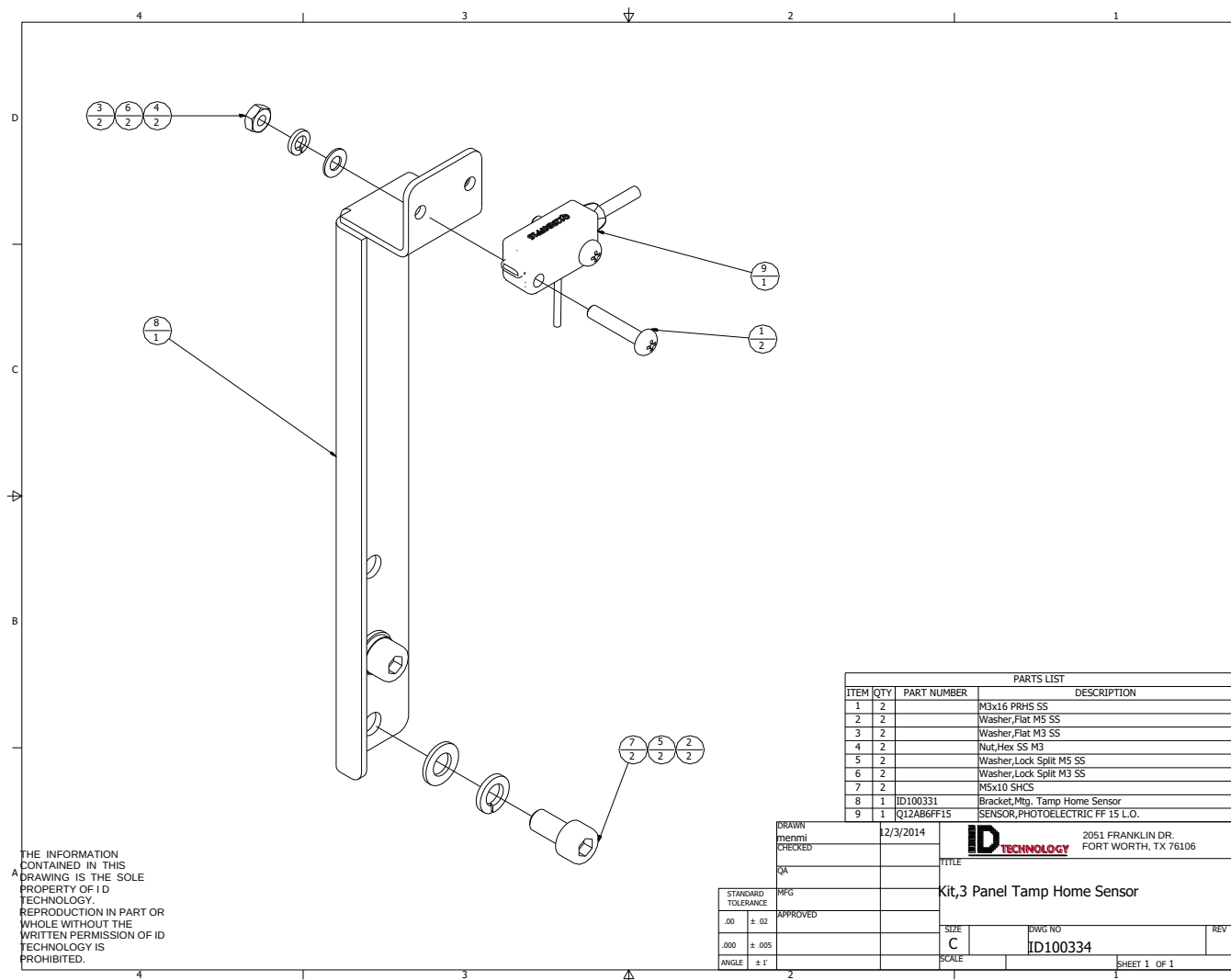
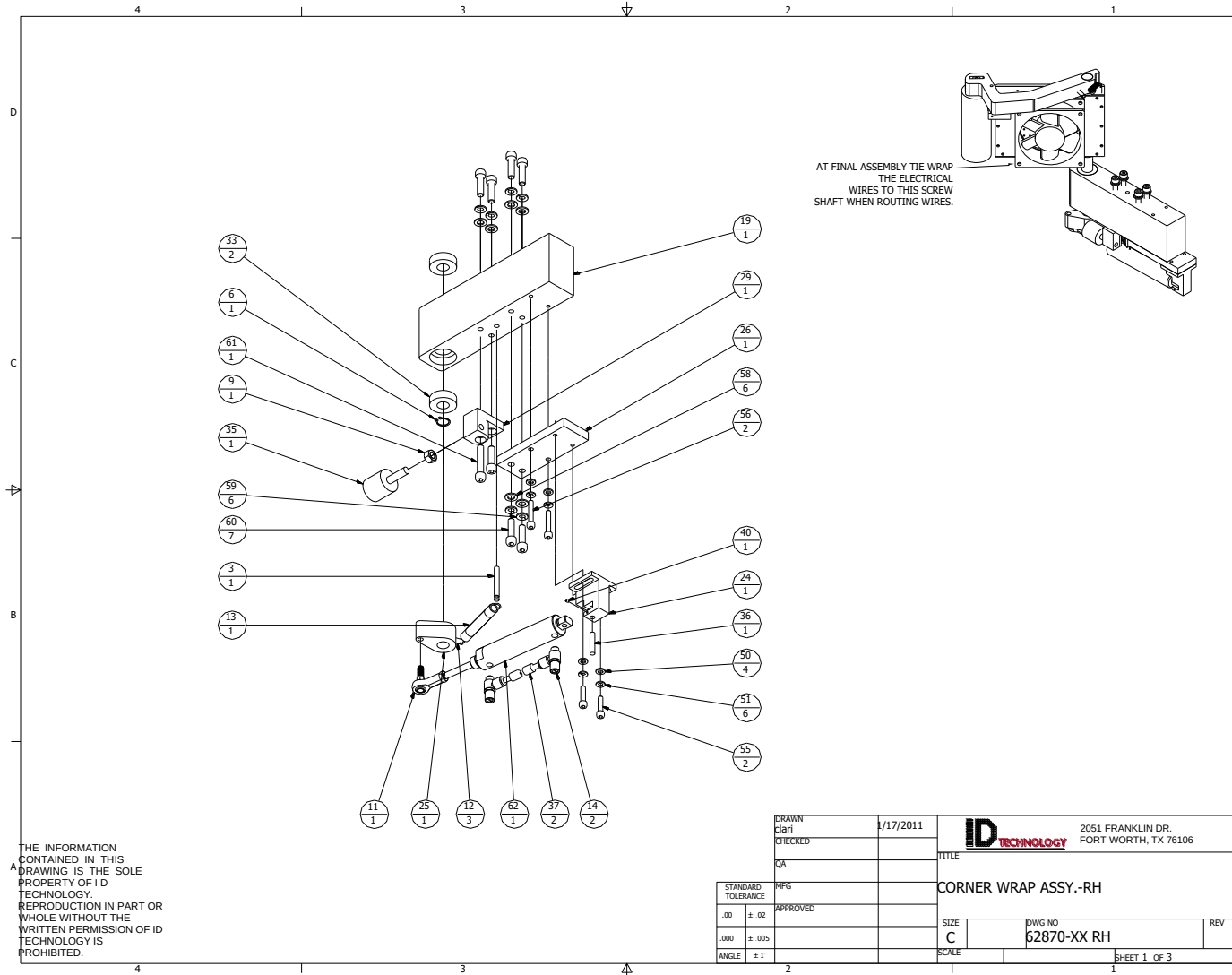
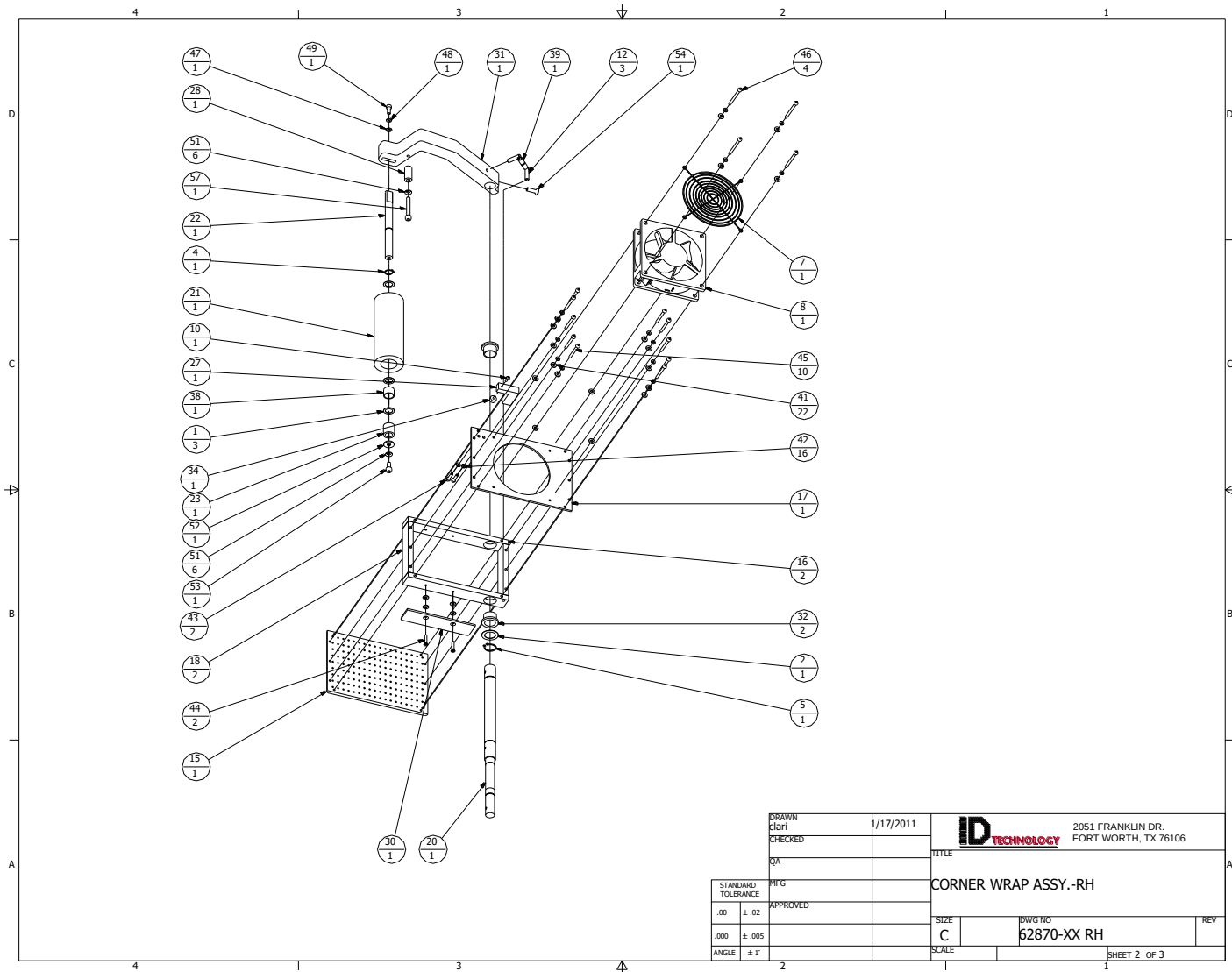




Figure 37: Exploded View, 62870-XX Corner Wrap Assembly





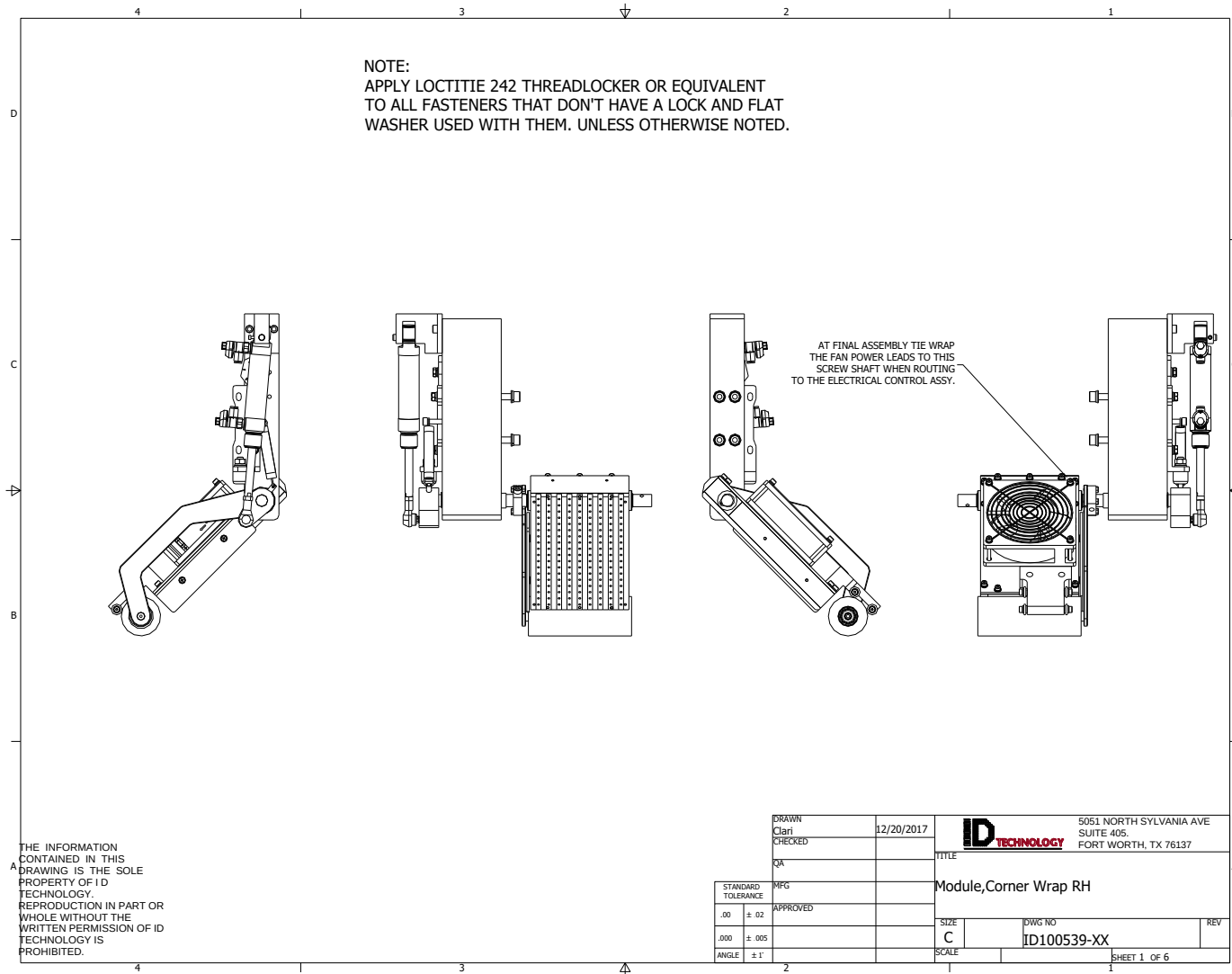
D	4				3				2				1			
C																
B																
A																

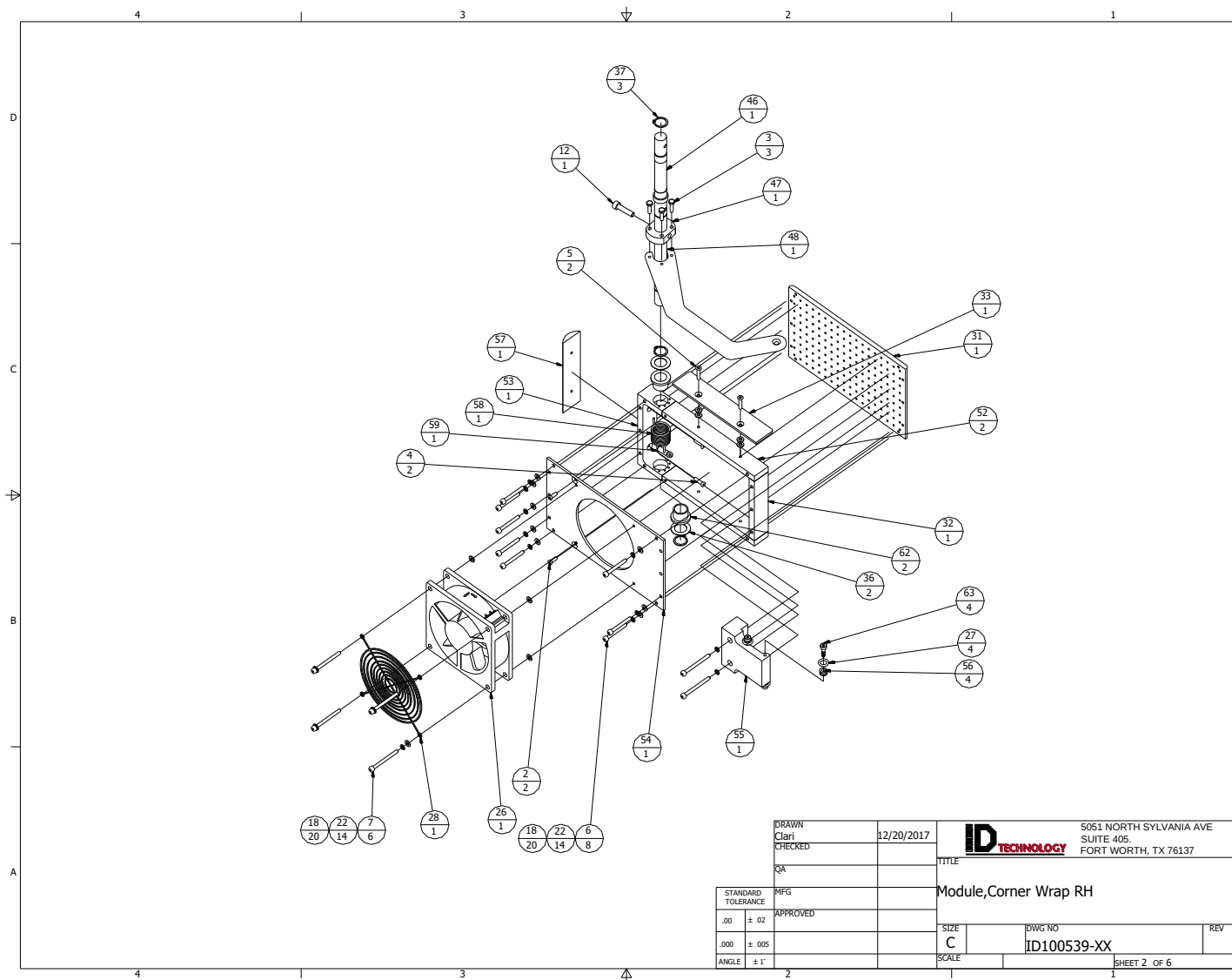
PARTS LIST				PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	3		1/2" X 0.010 SHIM	34	1	9541K8	BUMPER,RUBBER
2	1		3/4 X 0.025 SHIM	35	1	9546K66	BUMPER,MALE (RED)
3	1		DRIVE PIN (SPRING)	36	1	98380a546	PIN,DOWEL 1/4" X 1.5" S/S
4	1		External Retaining Ring, 1/2"	37	2	AN10-C07	Silencer,1/4" Tube
5	1		External Retaining Ring, 3/4"	38	1	C0720-055-0620S	COMPRESSION SPRING
6	1		External Retaining Ring, 5/8"	39	1	E0300-31-1000	SPRING,EXTENSION
7	1	19155K96	COVER, FAN	40	1	M3x5	Hexagon Socket Set Screw - Cone Point
8	1	1939K26	FAN (24VDC) (100 CFM)	41	22	M4	Plain washer
9	1	3/8 - 16	Hex Nut	42	16	M4	Spring Washer
10	1	6 - 32x3/8	Phil Pan Head Machine Screw	43	2	M4x16	Socket Head Cap Screw
11	1	6072K32	BALL JOINT,HD	44	2	M4x20	Phil Flat Head Machine Screw
12	3	62027	PIN, SPRING ANCHOR	45	10	M4x35	Socket Head Cap Screw
13	1	62028	SPRING,EXTENSION	46	4	M4x45	Socket Head Cap Screw
14	2	62259	FLOW CONTROL,TAMPER PROOF ELB 1/4Tx1/8UNI	47	1	M5	Plain washers
15	1	62871-XX	GRID	48	1	M5	Spring Washer
16	2	62872-XX	PLATE,SIDE	49	1	M5x12	Socket Head Cap Screw
17	1	62873-XX	PLATE,TOP	50	4	M6	Plain washers
18	2	62874	PLATE,END	51	6	M6	Spring Washer
19	1	62875	BLOCK,MOUNT	52	1	M6 Fender Washer	WASHER, FENDER M6
20	1	62876	SHAFT,MAIN	53	1	M6x12	Socket Head Cap Screw
21	1	62877	ROLLER	54	1	M6x20	Hex Socket Flat Head Cap Screw
22	1	62878	SHAFT,ROLLER	55	2	M6x25	Socket Head Cap Screw
23	1	62879	SPACER	56	2	M6x35	Socket Head Cap Screw
24	1	62880	PIVOT,CYLINDER	57	1	M6x40	Socket Head Cap Screw
25	1	62881	ARM,ROCKER	58	6	M8	Plain washer
26	1	62882	PLATE,ADJUSTMENT	59	6	M8	Spring Washer
27	1	62883	GRID,STOP BLOCK	60	7	M8x30	Socket Head Cap Screw
28	1	62884	GRID,STOP PIN	61	1	M8x45	Socket Head Cap Screw
29	1	62885	BLOCK,BUMPER	62	1	NCME106-0200C	AIR CYLINDER, 2" STROKE 1-1/16" DIA.
30	1	62886-XX	BOX SHOE				
31	1	62887-XX	ARM,ROLLER				
32	2	6338K472	BUSHING,FLANGE 3/4x7/8x5/8x1-1/8x1/8				
33	2	90500-88	BEARING,SHAFT				

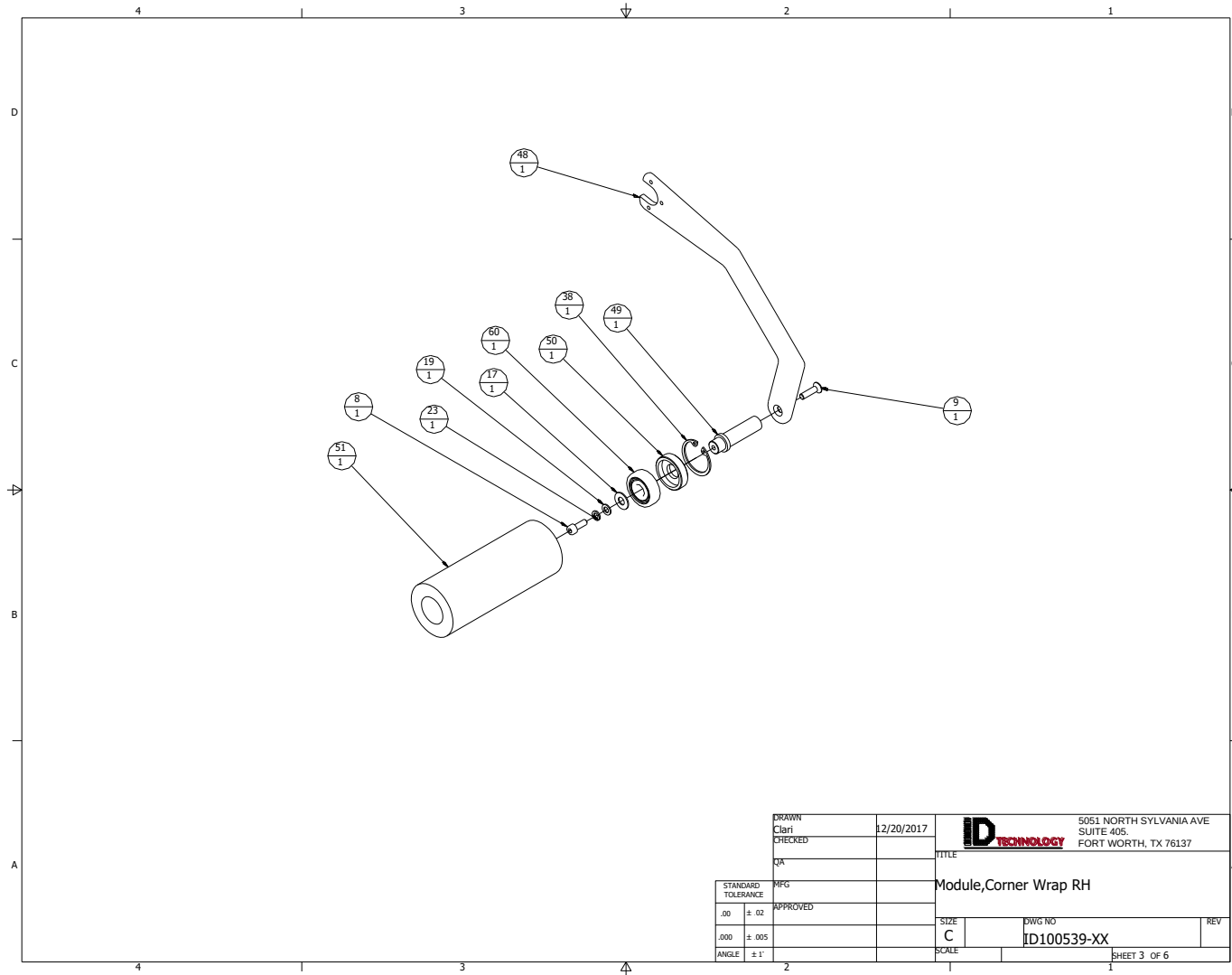
* REPLACE THE -XX WITH THE APPROPRIATE LENGTH NUMBER.
i.e. -08, -10, -12

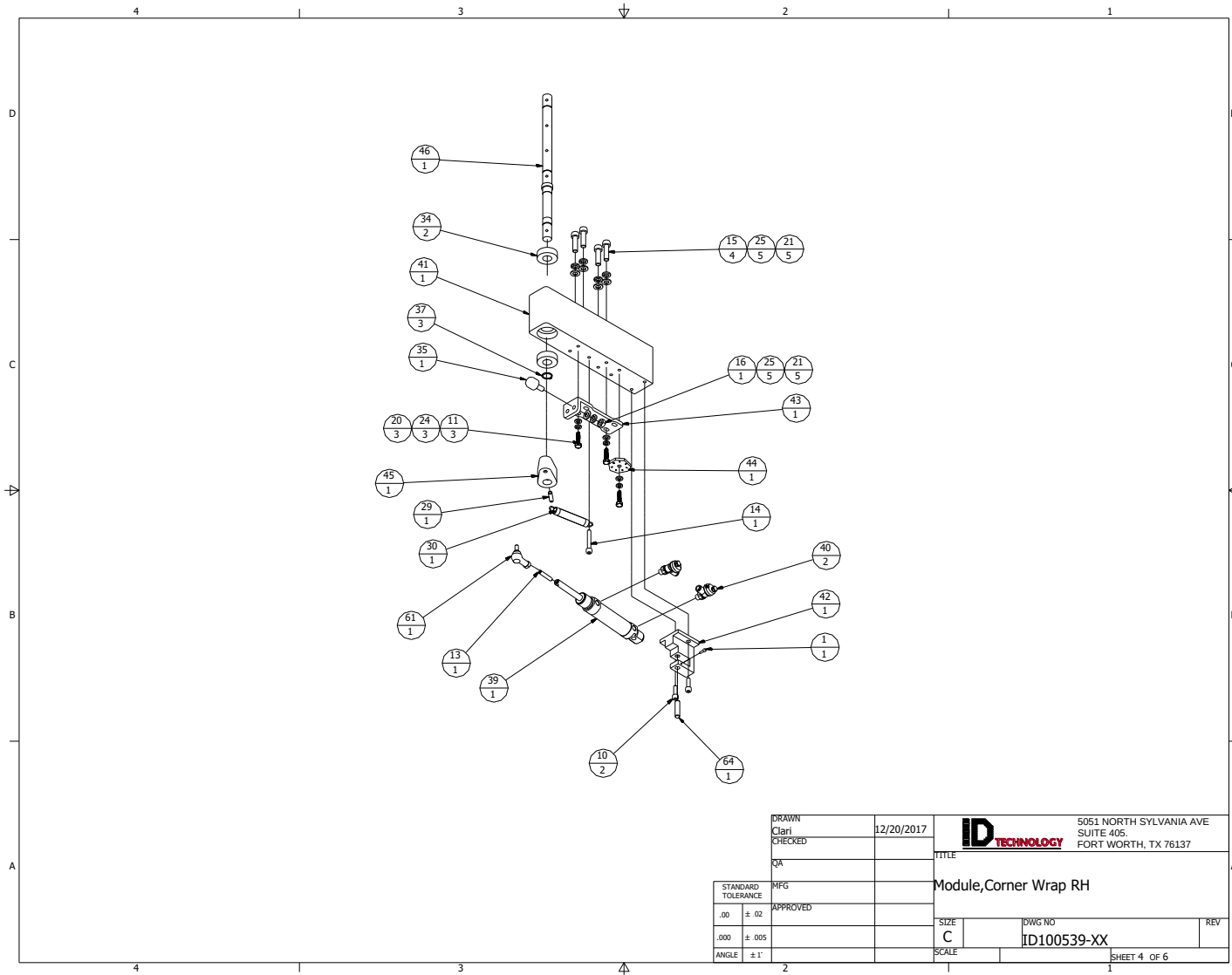
DRAWN		1/17/2011		ID TECHNOLOGY		2051 FRANKLIN DR. FORT WORTH, TX 76106	
CHECKED				TITLE			
QA				CORNER WRAP ASSY.-RH			
STANDARD TOLERANCE		MFG		APPROVED		REV	
.00 ± .02				SIZE		DWG NO	
.000 ± .005				C		62870-XX RH	
ANGLE ± 1°				SCALE		SHEET 3 OF 3	

Figure 38: Exploded View, ID100539-XX Centerline Corner Wrap Assembly









PARTS LIST				PARTS LIST				PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1		M3x10 SHCS	22	14		Washer,Lock Split M4 SS	43	1	ID100543	Block,Stop Mounting/Setting
2	2		M4x12 PFHCS	23	1		Washer,Lock Split M5 SS	44	1	ID100544	Wheel,Index Stop Position
3	3		M4x16 HHCS	24	3		Washer,Lock Split M6 SS	45	1	ID100545	Cam,Stop
4	2		M4x16 SFHCS	25	5		Washer,Lock Split M8 SS	46	1	ID100546	Shaft,Pivot
5	2		M4x20 PFHCS	26	1	1939K26	FAN (24VDC) (100 CFM)	47	1	ID100547	Hub,Pivot Arm
6	8		M4x35 SHCS	27	4	5308T167	O-Ring,Dash #109	48	1	ID100548-XX	Arm,Pivot
7	6		M4x45 SHCS	28	1	592-1070	COVER, FAN	49	1	ID100549	Shaft,Roller Pivot
8	1		M5x14 SHCS	29	1	62027	PIIN, SPRING ANCHOR	50	1	ID100550	Ring,Pivot Limiting
9	1		M5x20 SFHCS	30	1	62028	SPRING,EXTENSION	51	1	ID100551	Roller,Pivot 2"Dia. x 5.25"Lg.
10	2		M6x20 SHCS	31	1	62871-XX	GRID				
11	3		M6x25 HHCS	32	1	62874	PLATE,END	52	2	ID100552-XX	Plate,Side
12	1		M6x25 SHCS	33	1	62886-XX	BOX SHOE	53	1	ID100553	Block,Pivot
13	1		M6x30 SSS FLAT SS	34	2	90500-88	BEARING,SHAFT	54	1	ID100554-XX	Plate,Top
14	1		M6x40 SHCS	35	1	9546K242	BUMPER,Urethane M8 Male	55	1	ID100555	Block,Stop Quad Roller
15	4		M8x30 SHCS	36	2	98126A618	5/8 X 0.025 SHIM	56	4	ID100556	Hub,O-Ring Roller
16	1		Nut,Hex M8 SS	37	3	98410A126	Ring,External Retaining, 5/8"	57	1	ID100557	Deflector, Label Path
17	1		Washer,Flat 1/4" SS				Ring,Internal Retaining 32mm	58	1	ID100559	Spring,Torsion Axial Leg Mods
18	20		Washer,Flat M4 SS	38	1	98455A129	Cylinder,Air 25mm B 45mm Stk	59	1	ID100560	Spring Anchor,1/4-20 x 7/8"Lg
19	1		Washer,Flat M5 SS	39	1	ID100260-045	Flow Control,Elb. w/Ind 1/4T 1/8NPT	60	1	ID100561	Bearing,Self-Aligning 12mm X 32mm X 10mm
20	3		Washer,Flat M6 SS				Block,Mounting	61	1	ID100562	Ball Joint Linkage,M6 M/F Thd
21	5		Washer,Flat M8 SS	40	2	ID100327	Mount,Cylinder Pivot	62	2	ID100563	Bushing,Flange 5/8x3/4x5/8x1x1/8
				41	1	ID100541		63	4	ID100564	Screw,Shoulder SS 3/16x1/4, 8-32x3/8
				42	1	ID100542		64	1	ID100565	Dowel Pin,8mm x 30mm 316SS

* REPLACE THE -XX WITH THE APPROPRIATE LENGTH NUMBER.
i.e. -08, -10, -12

DRAWN		12/20/2017		5051 NORTH SYLVANIA AVE	
Clari				SUITE 405.	
CHECKED				FORT WORTH, TX 76137	
QA				TITLE	
MFG				Module,Corner Wrap RH	
APPROVED				SIZE	
.00 ± .02				DWG NO	
.000 ± .005				ID100539-XX	
ANGLE ± 1°				SCALE	
				SHEET 5 OF 6	

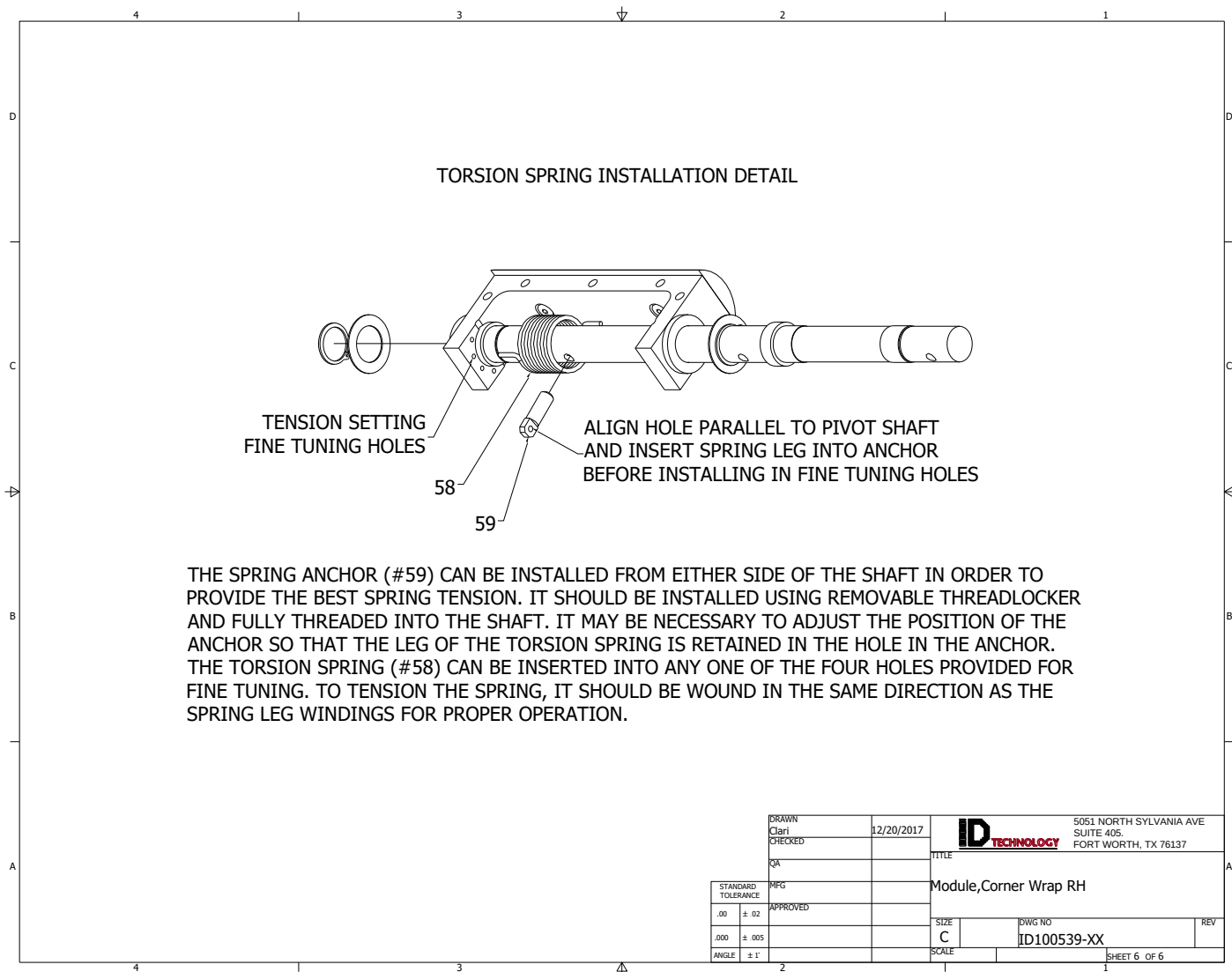


Figure 39: Exploded View, 252N Assembly ID100060/ID100065

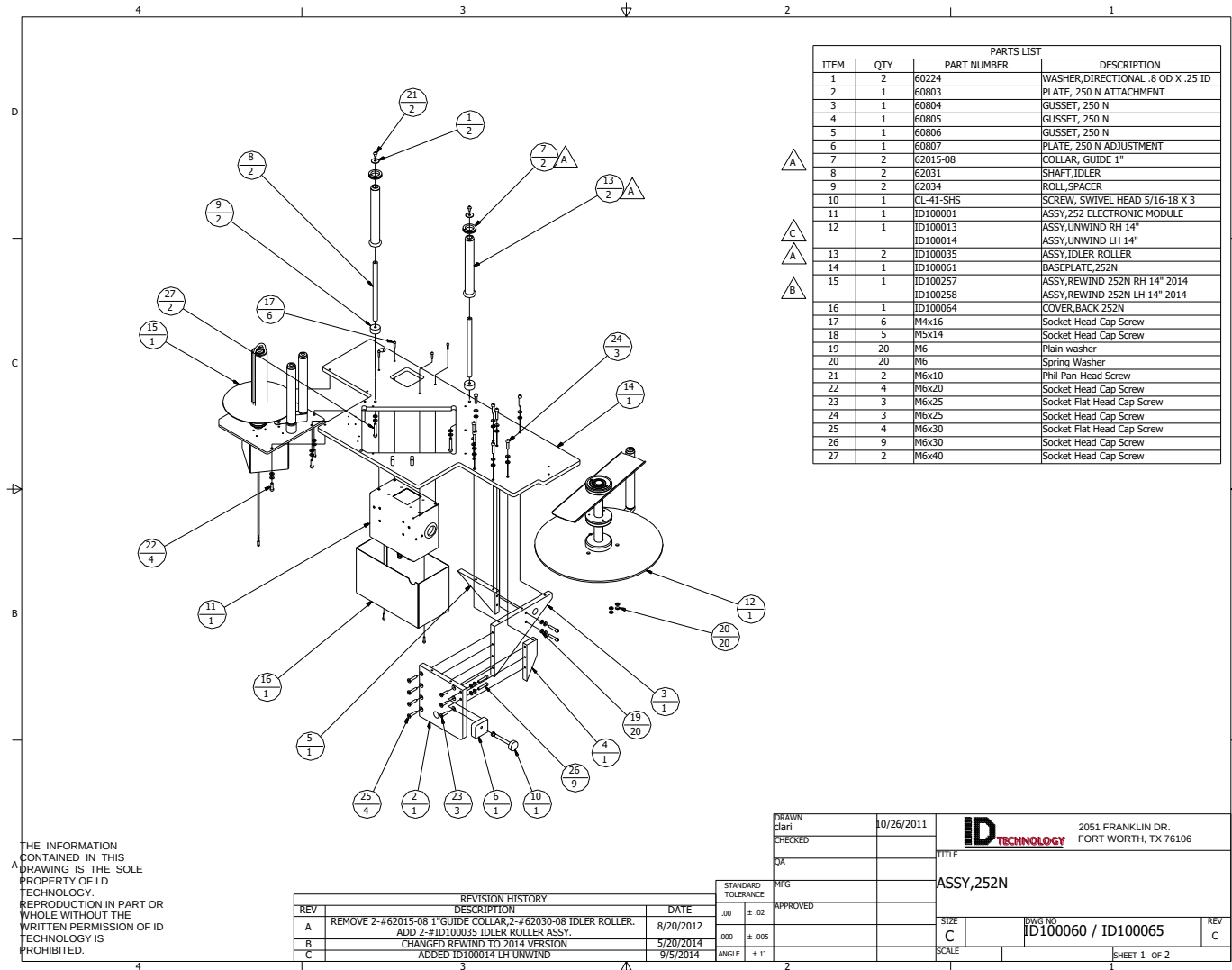


Figure 40: Exploded View, 252N 2014 Rewind Assembly ID100257/ID100258

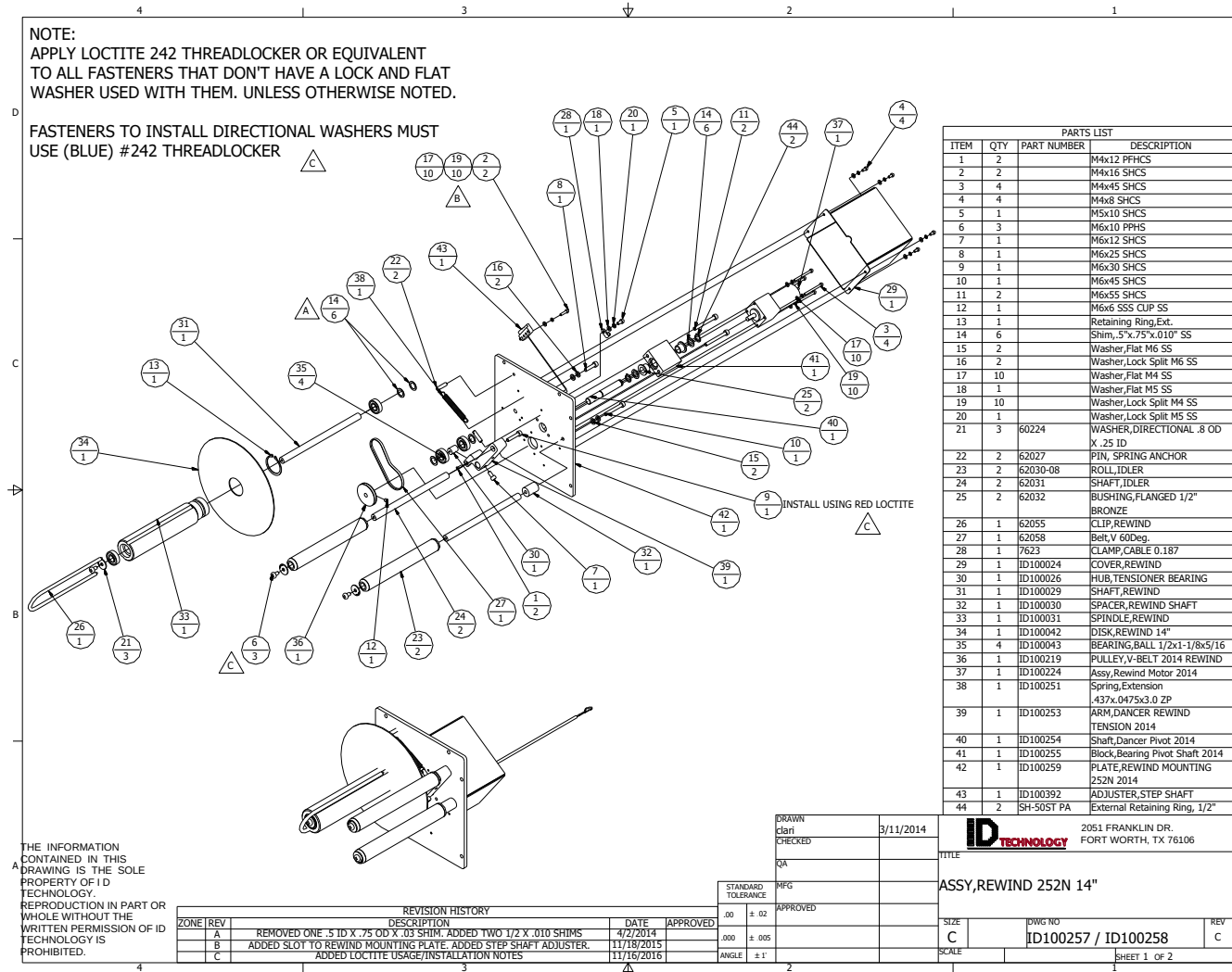
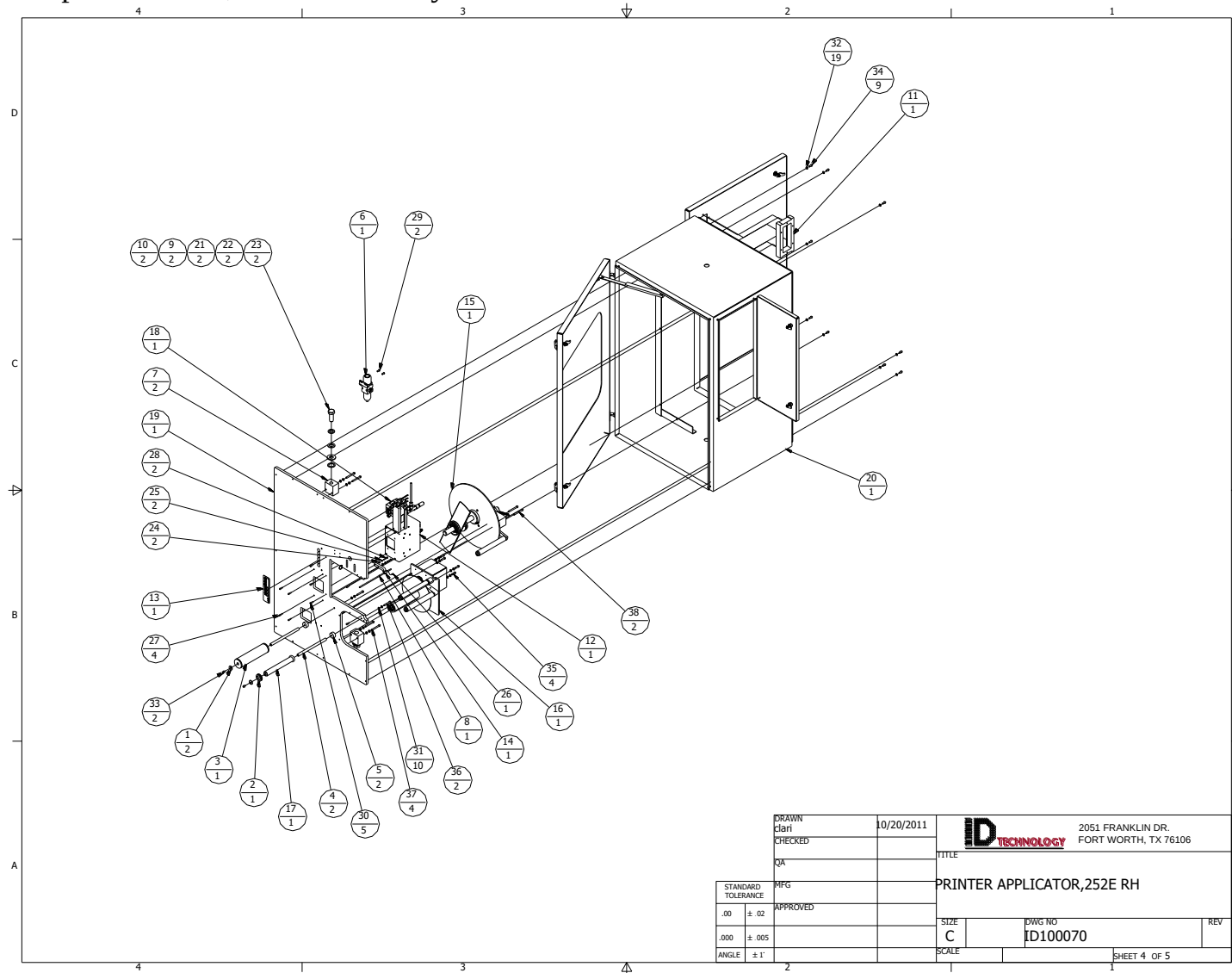


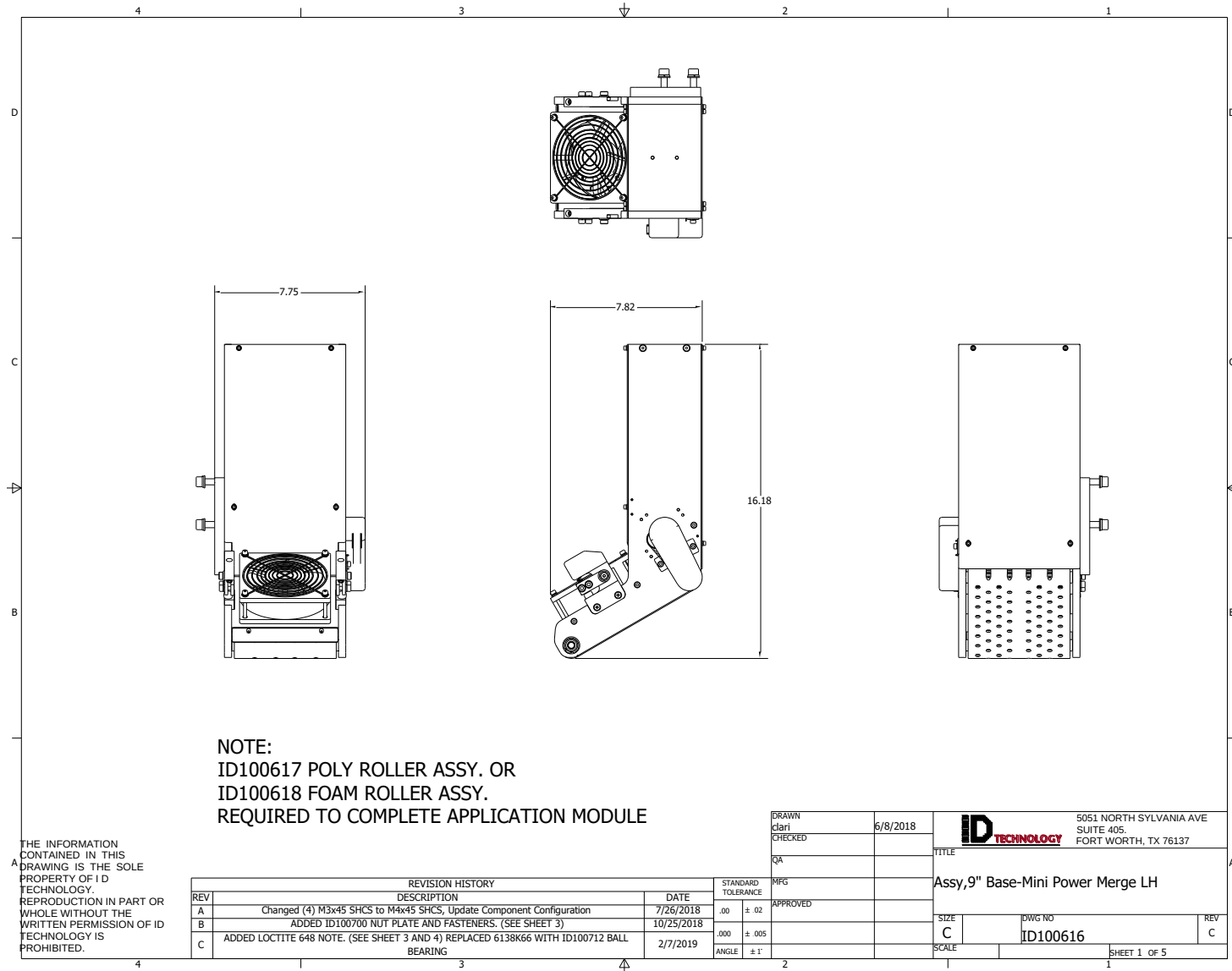
Figure 41: Exploded View, 252E Assembly ID100070

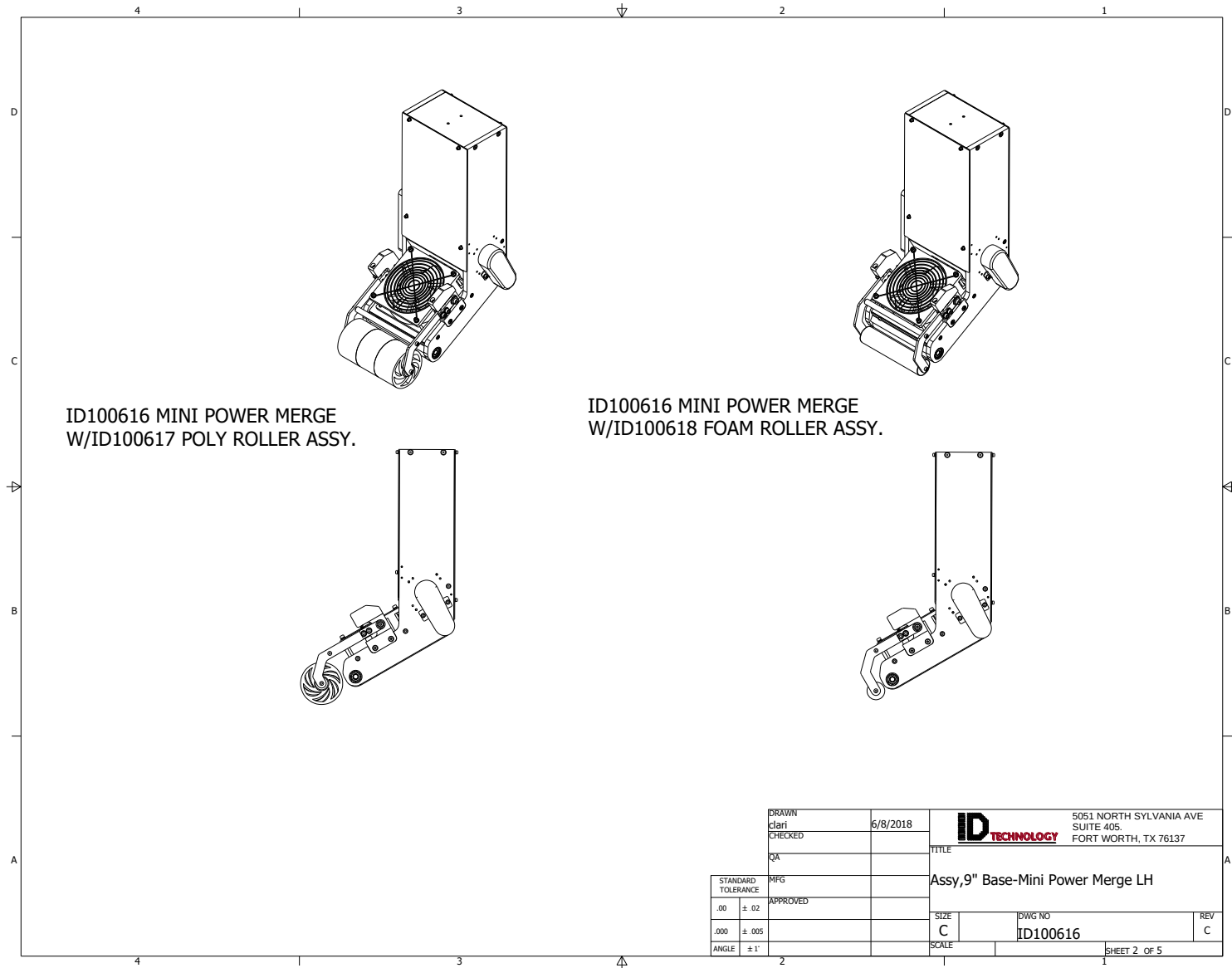


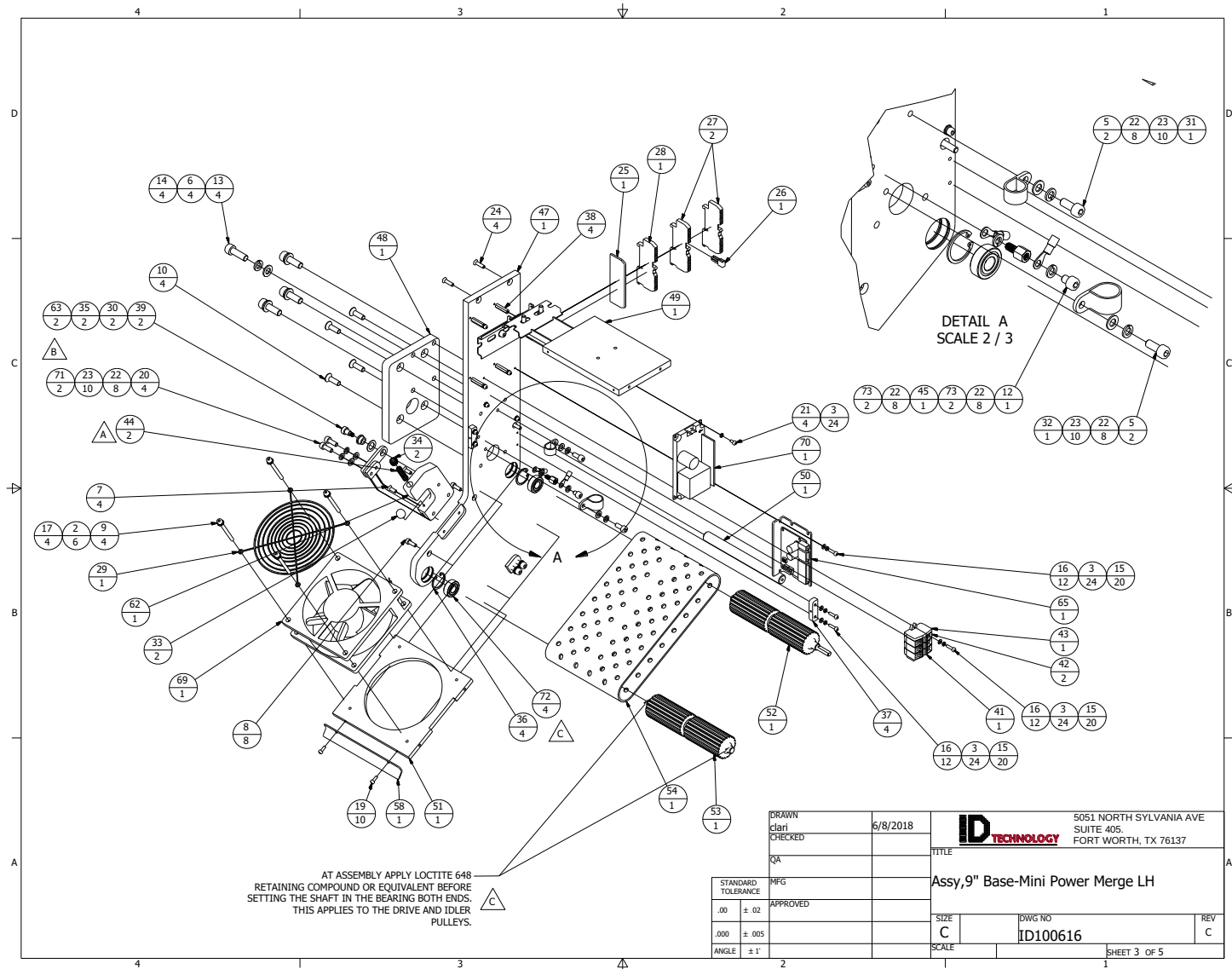
PARTS LIST				PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	60224	WASHER,DIRECTIONAL .8 OD X .25 ID	20	1	ID100072	ASSY, ENCLOSURE 252E RH
2	1	62015-08	COLLAR, GUIDE 1"	21	2	M20	Plain Washer
3	1	62030-16	ROLL,IDLER	22	2	M20	Spring Washer
4	2	62031	SHAFT,IDLER	23	2	M20x50	Hex-Head Bolt
5	2	62034	ROLL,SPACER	24	2	M4	Plain washer
6	1	62120	FILTER REGULATOR ASSEMBLY	25	2	M4	Spring Washer
7	2	62162	BLOCK,TRUNION	26	1	M4x10	Socket Head Cap Screw
8	1	62180	TUBE,AIR ASSIST	27	4	M4x16	Socket Head Cap Screw
9	2	92141A056	WASHER,PLAIN 3/4" S.S.	28	2	M4x25	Socket Head Cap Screw
10	2	93303A113	WASHER,ARAMID FIBER 1 x 1-1/2 x .062	29	2	M5x12	Socket Head Cap Screw
11	1	CF24 12	CABLE GLAND, RECTANGULAR ROTEX	30	5	M5x14	Socket Head Cap Screw
12	1	ID100001	ASSY,252 ELECTRONIC MODULE	31	10	M6	Plain washer
13	1	ID100009	NAMEPLATE,252 RH	32	19	M6	Spring Washer
14	1	ID100011	BRACKET,AIR ASSIST	33	2	M6x10	Pozidriv Pan Head Screw
15	1	ID100013	ASSY,UNWIND RH 14"	34	9	M6x12	Socket Head Cap Screw
16	1	ID100021	ASSY,REWIND 252RH 14"	35	4	M6x20	Socket Head Cap Screw
17	1	ID100035	ASSY,IDLER ROLLER	36	2	M6x40	Socket Head Cap Screw
18	1	ID100037	ASSY,PNEUMATICS 252RH	37	4	M6x55	Socket Head Cap Screw
19	1	ID100071	PLATE, BASE 252E	38	2	M6x60	Socket Head Cap Screw

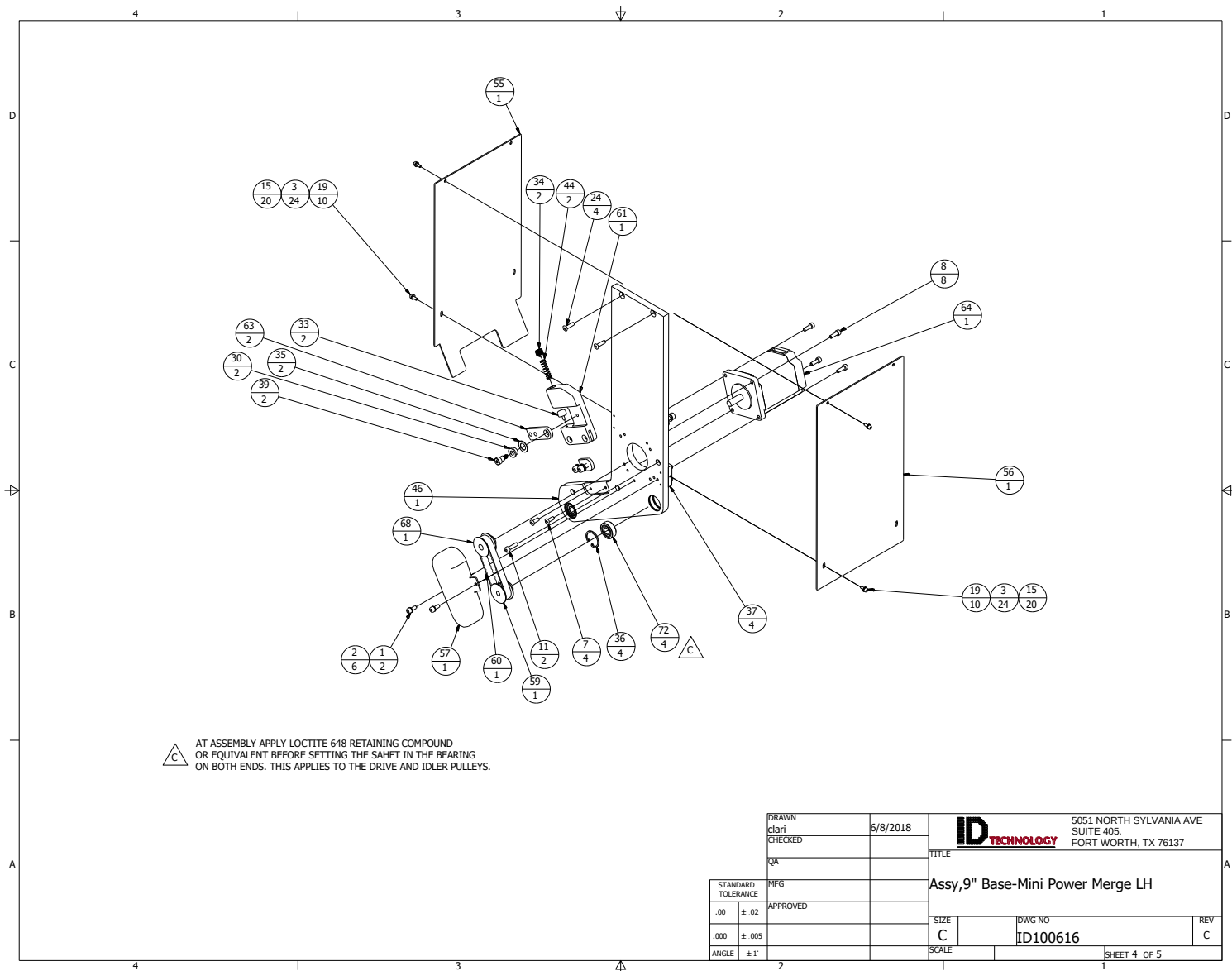
DRAWN clari		10/20/2011				2051 FRANKLIN DR. FORT WORTH, TX 76106	
CHECKED						TITLE	
QA						PRINTER APPLICATOR,252E RH	
MFG							
APPROVED							
.00 ± .02							
.000 ± .005							
ANGLE ± 1°							

Figure 42: Exploded View, Mini Power Merge ID100616/ID100642









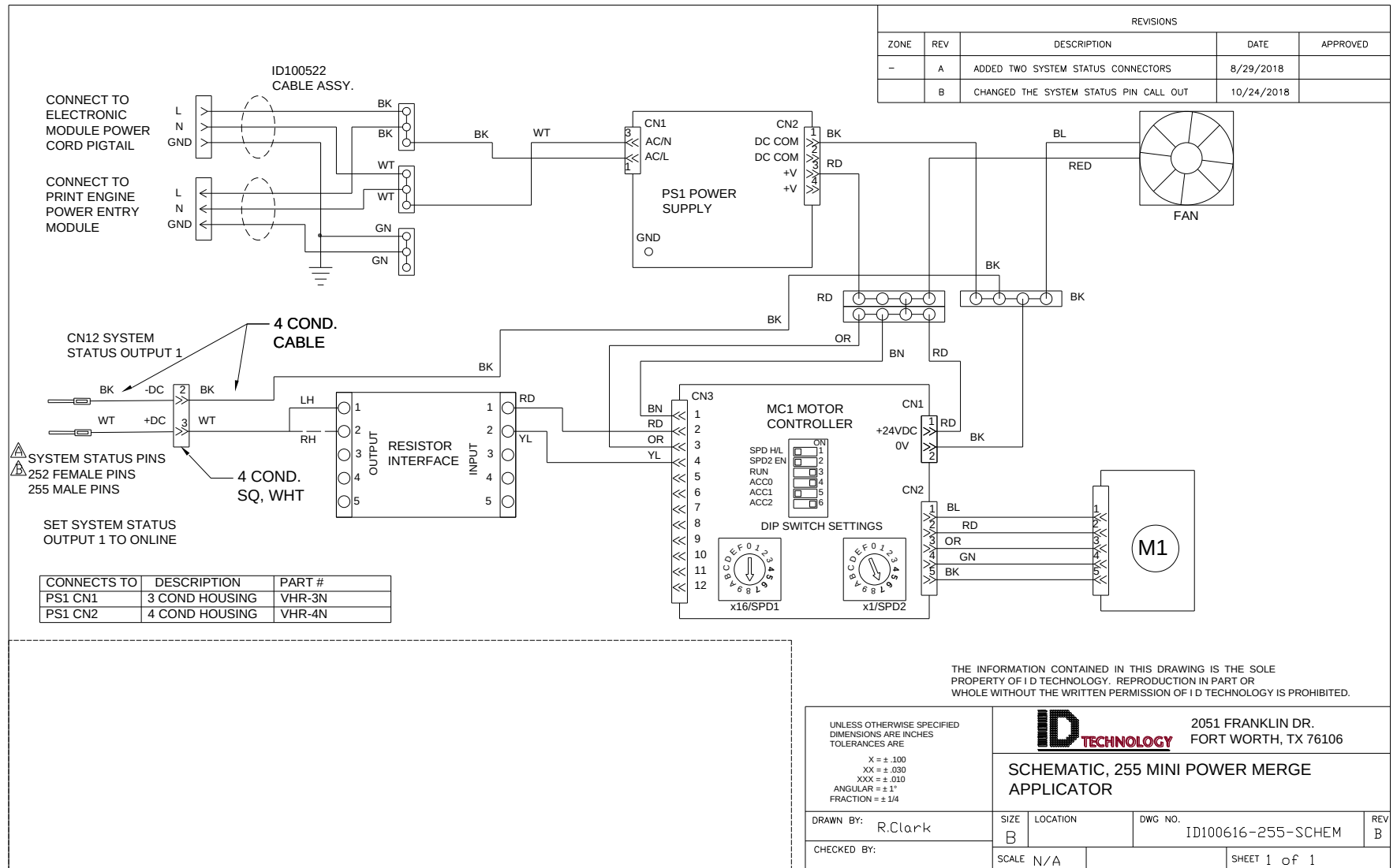


Figure 43: Installation Instructions, 62130 Main Air Cutoff Assembly

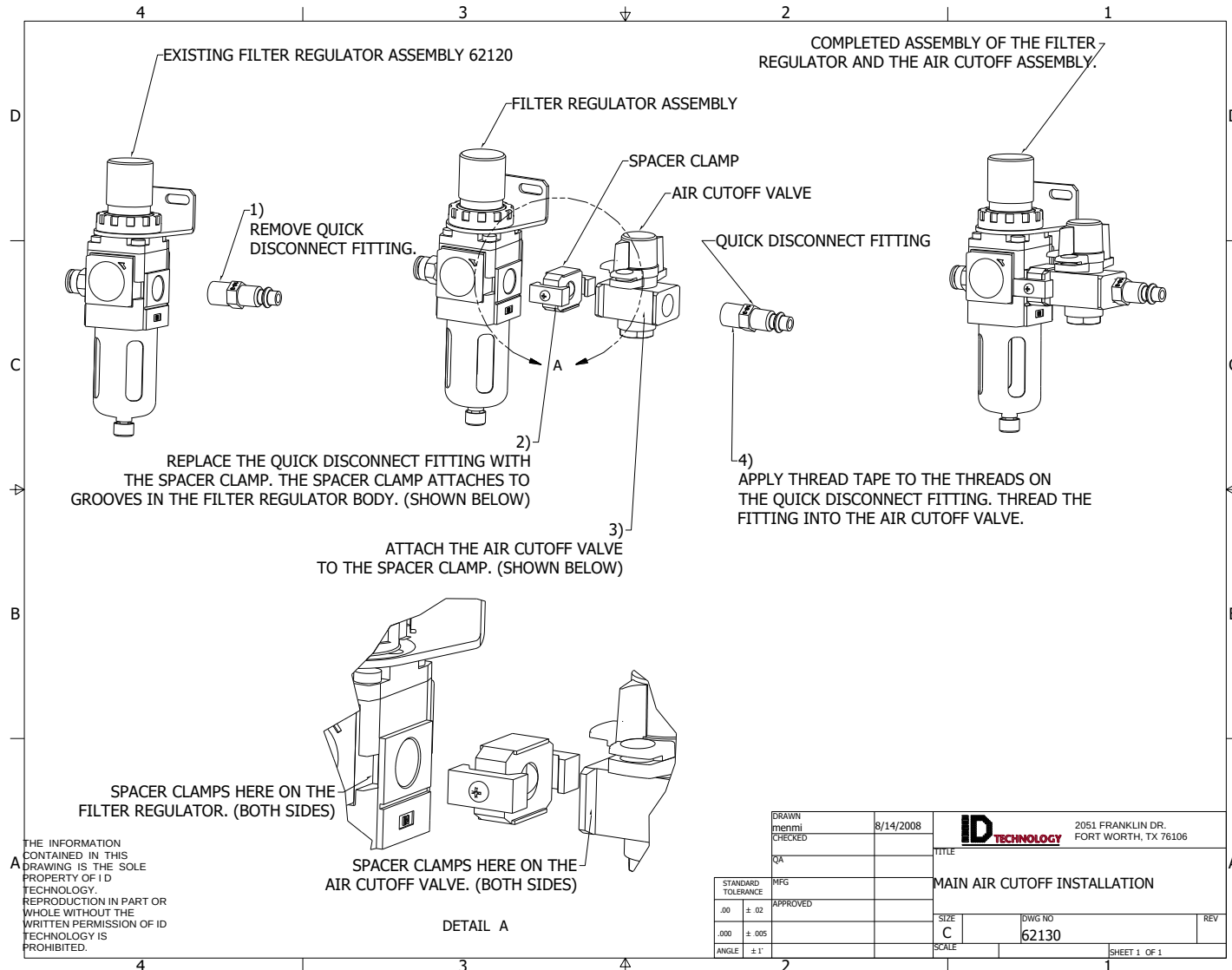


Figure 44: Installation Instructions, 62150 Water Separator Assembly

