



R•O•M SHUTTER

PARTS MANUAL

FM-7.5-118
Rev F
11/09/07

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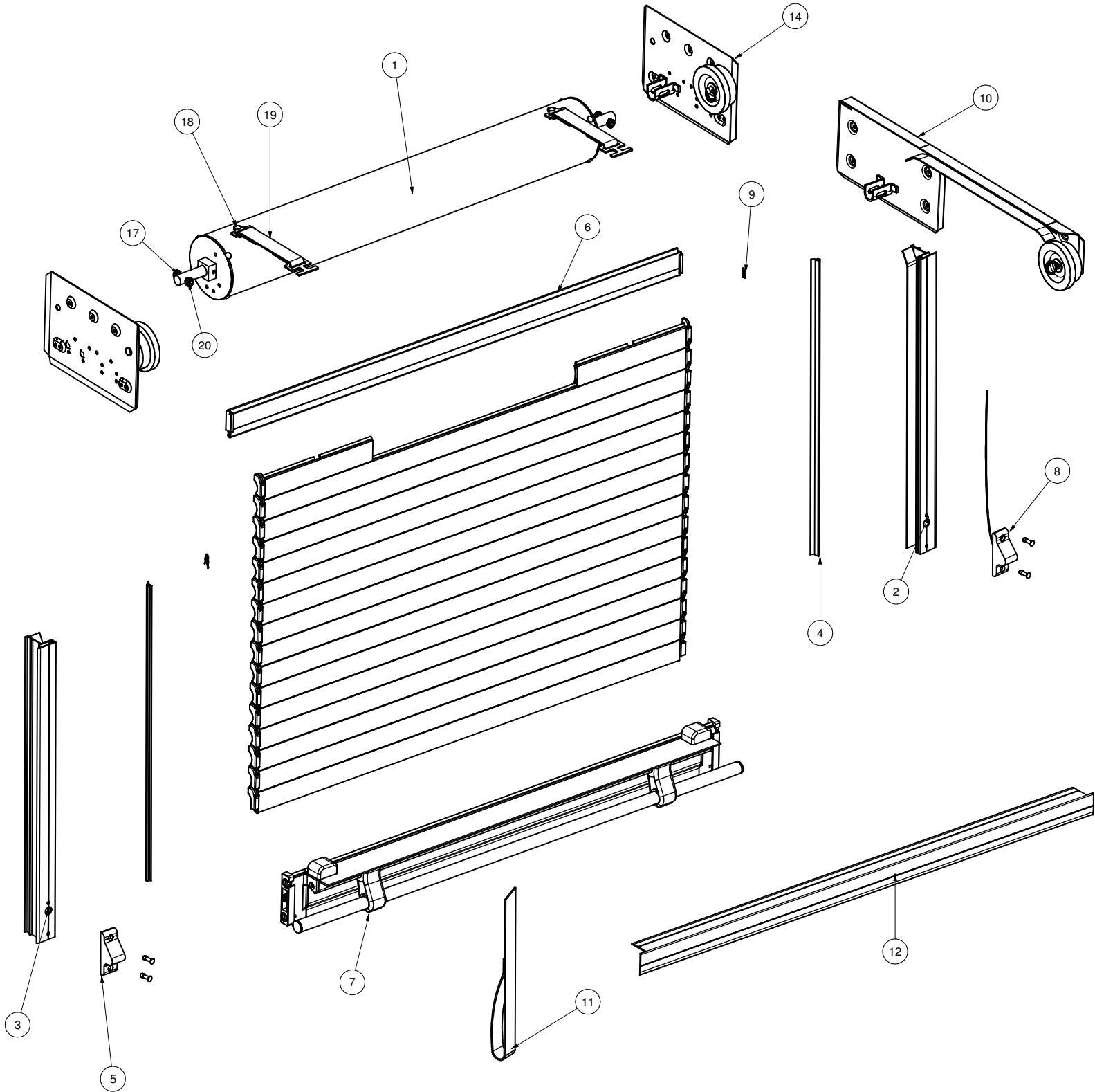


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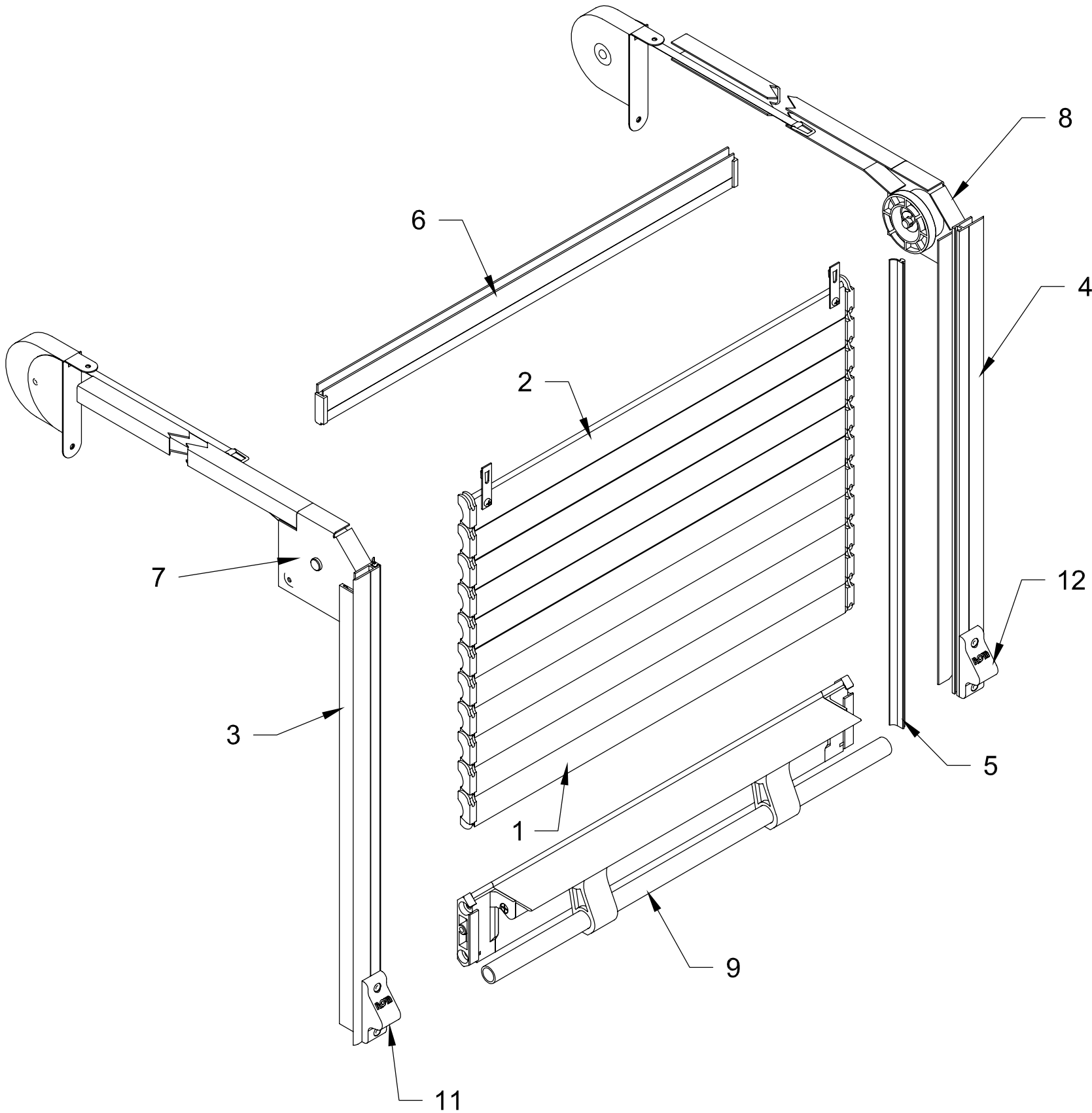
REVISION HISTORY				
LTR	ECN NO	DESCRIPTION	DATE	BY
J	566	UPDATED DRAWING	2/10/05	ARLA
K	551	REPLACED SPRING RETAINER PIN W/ BOLT AND NUT	7/6/2007	ARLA



20	1/4-20 NYL INS STOP NUT ZP	YES	10021	2
19	STRAP ASSY FR W/ T-CLIP	YES	24211	2
18	RIVET 3/16 X .25 GRIP	YES	R00366	2
17	1/4-20 x 1 1/4 HEX HEAD CAP SCR ZP	YES	10174	2
16	SLAT ASSEMBLY, SHUTTER	YES	R00072	1
14	PENNANT PLATES	YES	Call	1
12	CONFIGURABLE SILL PLATE	YES	R00029	1
11	PULL STRAP	YES	R00058	1
10	REAR ROLL PENNANT PLATE	YES	Call	1
9	HAIRPIN CLIP	YES	R00355	2
8	KIT DASS REPLACEMENT	YES	R01078	1
7	BOTTOM RAIL ASSY REPLACEMENT	YES	R00178	1
6	DRIP RAIL ASSEMBLY CONFIGURABLE	YES	R00038	1
5	KIT STRIKER BLOCK REPLACEMENT	YES	R01711	1
4	SIDE SEAL LOW PROFILE	YES	R00095	2
3	TRACK CONFIGURABLE ITEM, LEFT HAND	YES	R00240	1
2	TRACK CONFIGURABLE ITEM, RIGHT HAND	YES	R00240	1
1	OPERATOR ASSY REPLACEMENT	YES	R00163	1
ITEM	DESCRIPTION	SELLABLE	PART	QTY

Parts List				
 6800 E. 163rd Street Belton, MO 64012-5463 (816) 318-8000 (800) 827-3692 Fax (816) 318-8100 www.romcorp.com		SHUTTER		
		SERIES III CONFIGURABLE		
Size	Scale	NTS	Date	3/24/2005
Drawn	ARLA	Checked		
Rev	Item No.	No. of Sheets	Drawing No.	
K	R00150	1	R00150	

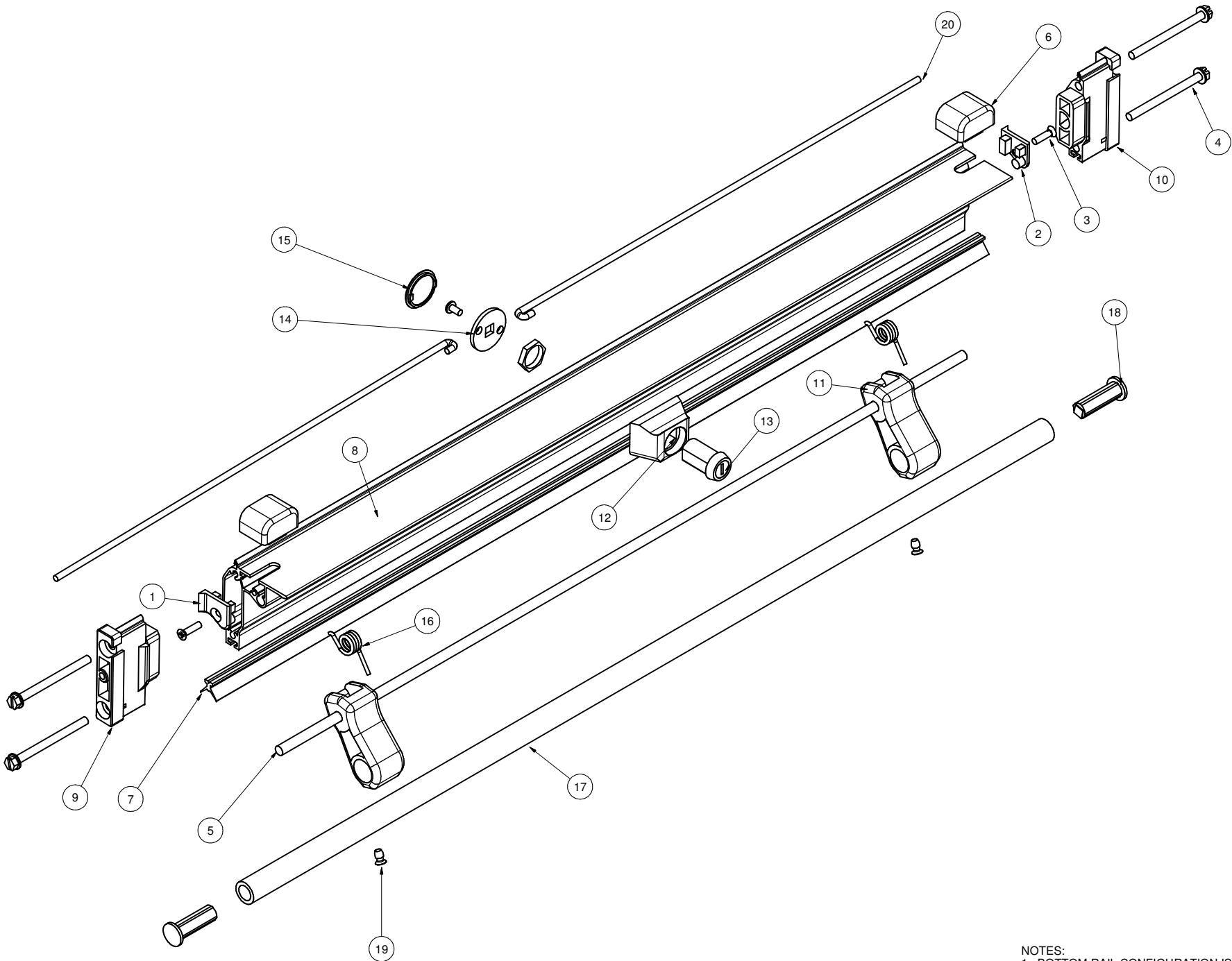
LET	ECN NO	REVISION CHANGES	DATE	BY
A	648	NEW ASSEMBLY DRAWING	11/7/07	ARLA



12	KIT DASS REPLACEMENT	YES	R01078	1
11	KIT STRIKER BLOCK REPLACEMENT	YES	R01711	1
10	SPRING COUNTERBALANCE3	YES	CALL	2
9	BOTTOM RAIL ASSY REPLACEMENT	YES	R00178	1
8	PENNANT PLATE RH MHS	YES	R01028	1
7	PENNANT PLATE LH MHS	YES	R01029	1
6	DRIP RAIL ASSEMBLY CONFIGURABLE	YES	R00038	1
5	SIDE SEAL LOW PROFILE	YES	R00095	2
4	MHS TRACK MACHINED RH	YES	R01032	1
3	MHS TRACK MACHINED LH	YES	R01031	1
2	TOP SLAT SERIES III - MHS	YES	R01030	1
1	SLAT ASSEMBLY SHUTTER	YES	R00072	VAR

NO.	PART NAME	SELLABLE	ITEM	QTY.		
R•O•M CORPORATION Excellence made to order. 6800 E, 163rd Street Belton, MO 64012-5463 (816) 318-8000 (800) 827-3692 Fax (816) 318-8100 www.romcorp.com		SHUTTER				
		SERIES III MINIMUM HEADER				
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Rev. A	Item No. R00150-MHS	Sheet 1 of 1	Drawing No. R00150-MHS			

REVISION HISTORY				
LTR	ECN NO	DESCRIPTION	DATE	BY
D	565	UPDATED DRAWING	12/12/2006	ARLA
E	653	REMOVED GEM LOCK AND ADDED 751 LOCK	6/29/2007	ARLA
F	681	REMOVED CAM FOR GEM LOCK, CH #8 SELLABLE OPT.	10/29/2007	ARLA



- NOTES:
1. BOTTOM RAIL CONFIGURATION IS SHOWN WITH LOCKS.
CONFIGURATIONS ARE AVAILABLE WITHOUT LOCKS.
2. Q2000 BOTTOM RAILS DO NOT HAVE LOCKS OR LIFTBARS.

20	LOCK ROD MACH TO SPEC-3/16 CR RND	YES	24231	2
19	RIVET AD64ABS 3/16X3/8H .125-.25GRP	YES	R00366	2
18	MAGNET RETAINER ASSY	YES	R00011	2
17	LIFT BAR CUT TO LENGTH	YES	R00054	1
16	SPRING PIVOT BLOCK	YES	14029	2
15	LOCK CAP	YES	R00013	1
14	CAM BTM RAIL III / STD LOCKS/1250	YES	10159	1
13	LOCK J236 CAM TYPE SLOT W/DUST CVR (SINGLE CUT KEY)	YES	00236	1
	LOCK 1250 CAM TYPE SLOT W/DUST CVR (DOUBLE CUT KEY)	YES	01250	1
	LOCK 751 CAM TYPE SLOT W/2 KEYS (SINGLE CUT KEY)	YES	R01380	1
12	LOCK MOUNTING BLOCK GRAY NYLON 6	YES	14062	1
11	PIVOT BLOCK III 1-1/4 WIDE BLK NYL	YES	14027	2
10	BTM BLOCK SHORT STD RIGHT	YES	R00219	1
	BTM BLOCK, EXT HEIGHT, RH	YES	R01763	1
	BTM BLOCK NOTCHED RIGHT HAND (POWER LOCK)	YES	R00181	1
	BTM BLOCK EXT HEIGHT RH (POWER LOCK)	YES	R01876	1
9	BTM BLOCK SHORT STD LEFT	YES	R00218	1
	BTM BLOCK EXT HEIGHT LH	YES	R01761	1
	BTM BLOCK NOTCHED LEFT HAND (POWER LOCK)	YES	R00180	1
	BTM BLOCK EXT HEIGHT LH (POWER LOCK)	YES	R01875	1
8	BTM RAIL LIFT BAR MACHINED	NO	R00052	1
7	BOTTOM SEAL	YES	14037	1
6	BUMPER 3/4 HIGH	YES	R00241	2
5	PIVOT ROD CUT TO LENGTH	YES	R00055	1
4	14X2 A SLFTAP HWH SCR SS	YES	R00195	4
3	10X3/4AB PHLFLT HD SHT MTL SCR SS	YES	01068	2
2	END PLUG RIGHT GRAY NYLON 6	YES	1401R	1
1	END PLUG LEFT GRAY NYLON 6	YES	1401L	1
ITEM	DESCRIPTION	SELLABLE	PART	QTY

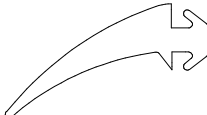
Parts List				
SHUTTER				
BOTTOM RAIL ASSEMBLY REPLACEMENT				
Size	Scale	NTS	Date	12/12/2006
Rev	Item No.	R00178	Sheet	1
	Drawing No.	R00178		

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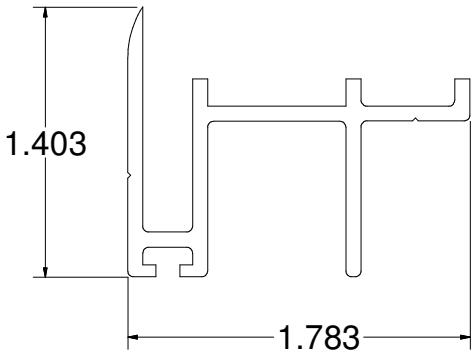
REVISION HISTORY				
LTR	ECN NO	DESCRIPTION	DATE	BY
A	566	NEW DRAWING	11/10/2006	ARLA



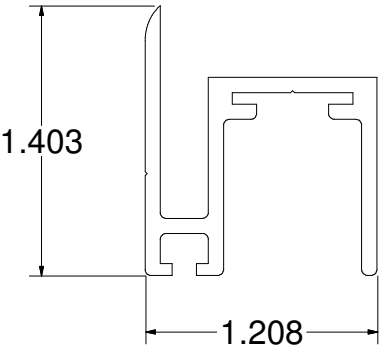
Current side seal
after 4/30/1998



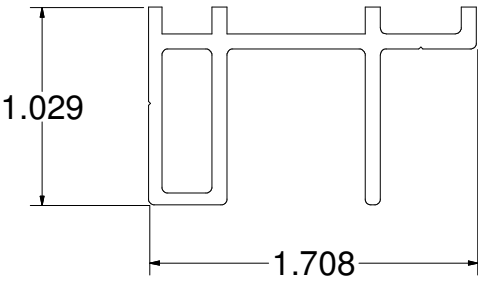
Side seal prior
to 4/30/1998



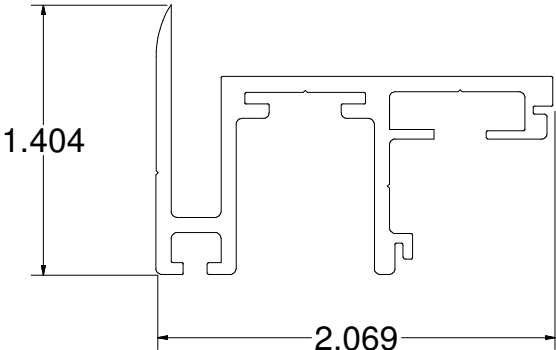
Conventional
(standard)



Recessed



Interior



Integrated Lighting

- Information required at time of order:**
- Location for piece of track required (determined by facing the compartment)
 - Track profile (see above)
 - Finish: satin or painted with paint information
 - Power: Power lock only or Q2000 and side location for lock
 - Door Ajar Switch (DASS) or striker block
 - Side seal type (see above)
 - Prepunched mounting slot
 - Sill plate if required
 - Type of bottom rail: Standard, Btm rail extension or Tall bottom rail
 - Manual lock if required

 6800 E. 163rd Street Belton, MO 64012-5463 (816) 318-8000 (800) 827-3692 Fax (816) 318-8100 www.romcorp.com	SHUTTER							
	TRACK CONFIGURABLE ITEM							
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Size	D	Scale	NTS	Date	11/10/2006	Drawn	arla	Checked
Rev.	A	Item No.	R00240	Sheet	1	Drawing No.	R00240	

REVISION HISTORY				
LTR	ECN NO	DESCRIPTION	DATE	BY
A	566	NEW DRAWING	12/15/2006	ARLA

TWO PIECE
TAPED-ON STYLE

BRUSH SEAL
STYLE

TWO PIECE
SNAP-FIT STYLE

ONE PIECE
STYLE

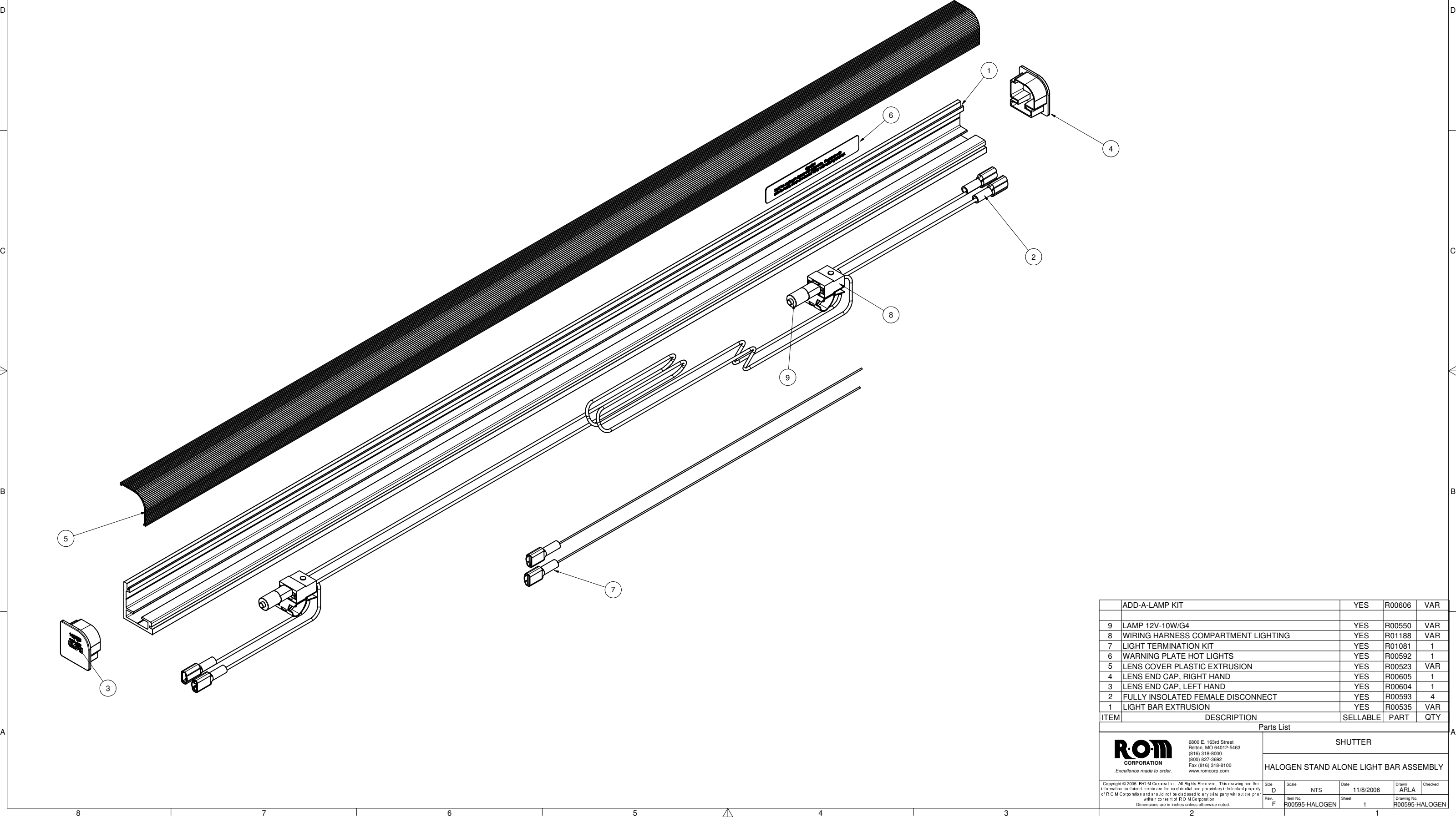
	ONE PIECE STYLE			1
13	OLD STYLE TOP SEAL GRAY		14072	1
12	DRIP RAIL 1 PC ALUMINUM EXTRUSION		14074	1
				1
	BRUSH SEAL STYLE			1
11	BRUSH SEAL		14089	1
10	BRUSH SEAL RETAINER ONLY		R00161	1
				1
	TWO PIECE TAPED-ON STYLE			1
9	TAPE 45 MIL X 1/2" VHB ADHESIVE		R00099	1
8	DRIP RAIL TAPE SEAL RETAINER, ALUMINUM EXTRUSION		14116	1
7	DRIP RAIL TAPE FACING, ALUMINUM EXTRUSION		14117	1
				1
	SEAL OPTIONS FOR TWO PIECE STYLES			1
6	TOP SEAL W/ SINGLE BLADE		R00304	1
5	TOP SEAL EXTRUSION, V DESIGN		14118	1
	TWO PIECE SNAP-FIT STYLE			
4	DRIP RAIL LEFT END CAP, NYLON		R00638	1
3	DRIP RAIL RIGHT END CAP, NYLON		R00639	1
2	DRIP RAIL BASE SNAP, ALUMINUM EXTRUSION		R01233	1
1	DRIP RAIL COVER SNAP, ALUMINUM EXTRUSION		R01234	1
ITEM	DESCRIPTION	SELLABLE	PART	QTY

Parts List

R•O•M CORPORATION <i>Excellence made to order.</i>	6800 E. 163rd Street Belton, MO 64012-5463 (816) 318-8000 (800) 827-3692 Fax (816) 318-8100 www.romcorp.com	SHUTTER			
		DRIP RAIL ASSEMBLY CONFIGURABLE			
Size	Scale	NTS	Date	12/15/2006	Drawn
D					ARLA
Rev	Item No.	Sheet	Drawing No.		Checked
A	R00038	1	R00038		

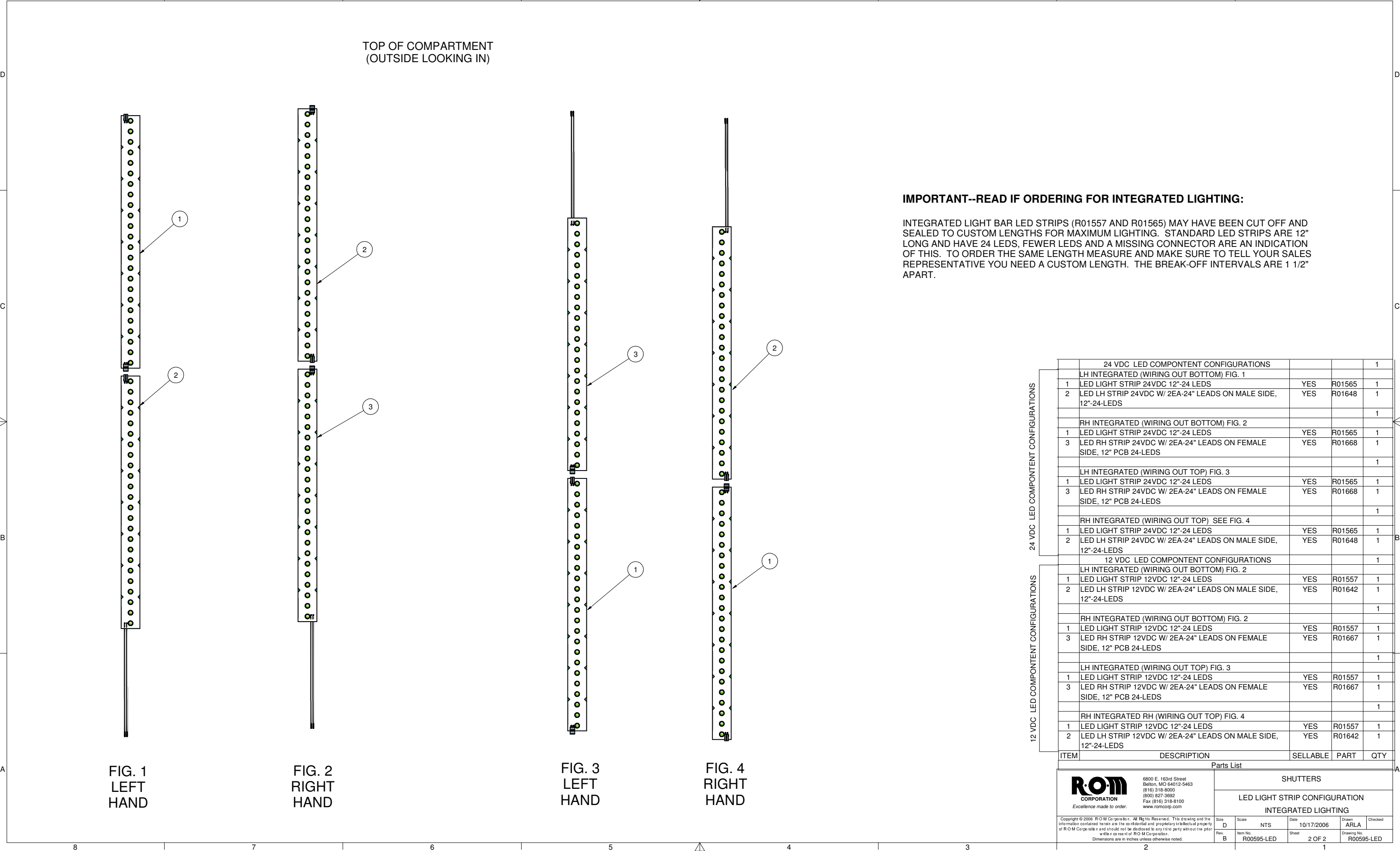
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REVISION HISTORY				
LTR	ECN NO	DESCRIPTION	DATE	BY
F	566	REVISED AND UPDATED DRAWING	11/8/2006	ARLA



	ADD-A-LAMP KIT	YES	R00606	VAR
9	LAMP 12V-10W/G4	YES	R00550	VAR
8	WIRING HARNESS COMPARTMENT LIGHTING	YES	R01188	VAR
7	LIGHT TERMINATION KIT	YES	R01081	1
6	WARNING PLATE HOT LIGHTS	YES	R00592	1
5	LENS COVER PLASTIC EXTRUSION	YES	R00523	VAR
4	LENS END CAP, RIGHT HAND	YES	R00605	1
3	LENS END CAP, LEFT HAND	YES	R00604	1
2	FULLY INSOLATED FEMALE DISCONNECT	YES	R00593	4
1	LIGHT BAR EXTRUSION	YES	R00535	VAR
ITEM	DESCRIPTION	SELLABLE	PART	QTY

Parts List					
SHUTTER					
HALOGEN STAND ALONE LIGHT BAR ASSEMBLY					
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Rev. F	Item No. R00595-HALOGEN	Sheet 1	Drawing No. R00595-HALOGEN		



IMPORTANT--READ IF ORDERING FOR INTEGRATED LIGHTING:

INTEGRATED LIGHT BAR LED STRIPS (R01557 AND R01565) MAY HAVE BEEN CUT OFF AND SEALED TO CUSTOM LENGTHS FOR MAXIMUM LIGHTING. STANDARD LED STRIPS ARE 12" LONG AND HAVE 24 LEDS, FEWER LEDS AND A MISSING CONNECTOR ARE AN INDICATION OF THIS. TO ORDER THE SAME LENGTH MEASURE AND MAKE SURE TO TELL YOUR SALES REPRESENTATIVE YOU NEED A CUSTOM LENGTH. THE BREAK-OFF INTERVALS ARE 1 1/2" APART.

24 VDC LED COMPONENT CONFIGURATIONS	24 VDC LED COMPONENT CONFIGURATIONS				1
	LH INTEGRATED (WIRING OUT BOTTOM) FIG. 1				
	1	LED LIGHT STRIP 24VDC 12"-24 LEDS	YES	R01565	1
	2	LED LH STRIP 24VDC W/ 2EA-24" LEADS ON MALE SIDE, 12"-24-LEDS	YES	R01648	1
					1
	RH INTEGRATED (WIRING OUT BOTTOM) FIG. 2				
	1	LED LIGHT STRIP 24VDC 12"-24 LEDS	YES	R01565	1
	3	LED RH STRIP 24VDC W/ 2EA-24" LEADS ON FEMALE SIDE, 12" PCB 24-LEDS	YES	R01668	1
					1
	LH INTEGRATED (WIRING OUT TOP) FIG. 3				
	1	LED LIGHT STRIP 24VDC 12"-24 LEDS	YES	R01565	1
	3	LED RH STRIP 24VDC W/ 2EA-24" LEADS ON FEMALE SIDE, 12" PCB 24-LEDS	YES	R01668	1
					1
	RH INTEGRATED (WIRING OUT TOP) SEE FIG. 4				
	1	LED LIGHT STRIP 24VDC 12"-24 LEDS	YES	R01565	1
	2	LED LH STRIP 24VDC W/ 2EA-24" LEADS ON MALE SIDE, 12"-24-LEDS	YES	R01648	1
12 VDC LED COMPONENT CONFIGURATIONS	12 VDC LED COMPONENT CONFIGURATIONS				1
	LH INTEGRATED (WIRING OUT BOTTOM) FIG. 2				
	1	LED LIGHT STRIP 12VDC 12"-24 LEDS	YES	R01557	1
	2	LED LH STRIP 12VDC W/ 2EA-24" LEADS ON MALE SIDE, 12"-24-LEDS	YES	R01642	1
					1
	RH INTEGRATED (WIRING OUT BOTTOM) FIG. 2				
	1	LED LIGHT STRIP 12VDC 12"-24 LEDS	YES	R01557	1
	3	LED RH STRIP 12VDC W/ 2EA-24" LEADS ON FEMALE SIDE, 12" PCB 24-LEDS	YES	R01667	1
					1
	LH INTEGRATED (WIRING OUT TOP) FIG. 3				
	1	LED LIGHT STRIP 12VDC 12"-24 LEDS	YES	R01557	1
	3	LED RH STRIP 12VDC W/ 2EA-24" LEADS ON FEMALE SIDE, 12" PCB 24-LEDS	YES	R01667	1
					1
	RH INTEGRATED RH (WIRING OUT TOP) FIG. 4				
	1	LED LIGHT STRIP 12VDC 12"-24 LEDS	YES	R01557	1
	2	LED LH STRIP 12VDC W/ 2EA-24" LEADS ON MALE SIDE, 12"-24-LEDS	YES	R01642	1
ITEM DESCRIPTION SELLABLE PART QTY					
Parts List					
SHUTTERS					
LED LIGHT STRIP CONFIGURATION					
INTEGRATED LIGHTING					
Size D	Scale NTS	Date 10/17/2006	Drawn ARLA	Checked	
Rev B	Item No. R00595-LED	Sheet 2 OF 2	Drawing No. R00595-LED		

REVISION HISTORY				
LTR	ECN NO	DESCRIPTION	DATE	BY
A	566	NEW DRAWING	10/17/2006	ARLA
B	646	UPDATED PART DESCRIPTIONS ON PARTS WITH LEADS	5/21/2007	ARLA

TOP OF COMPARTMENT
(OUTSIDE LOOKING IN)

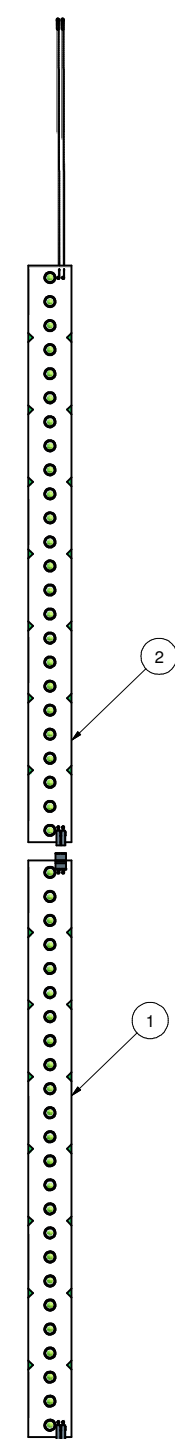


FIG. 1
LEFT
HAND

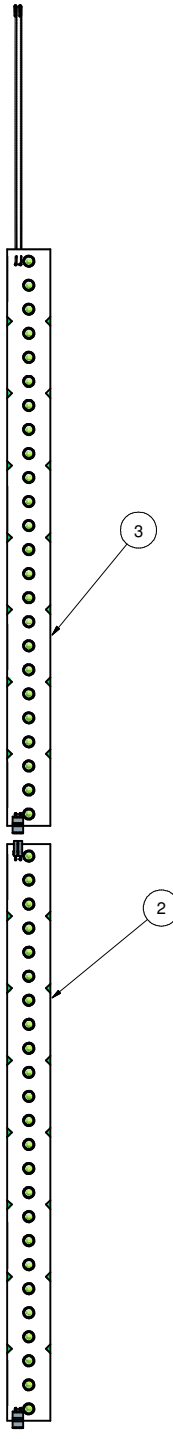


FIG. 2
RIGHT
HAND

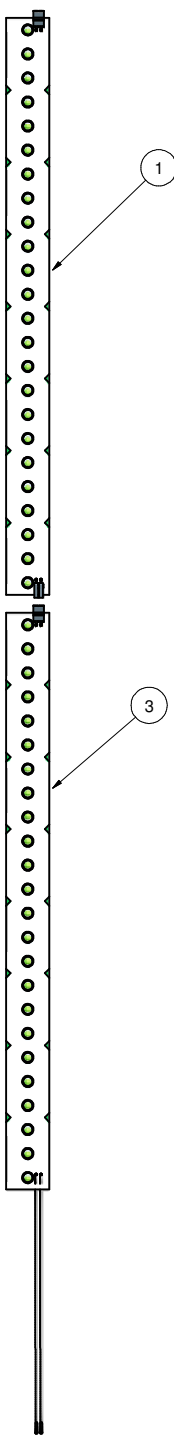


FIG. 3
LEFT
HAND

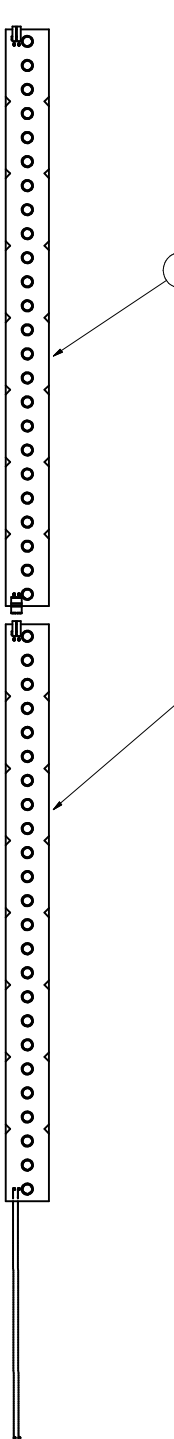


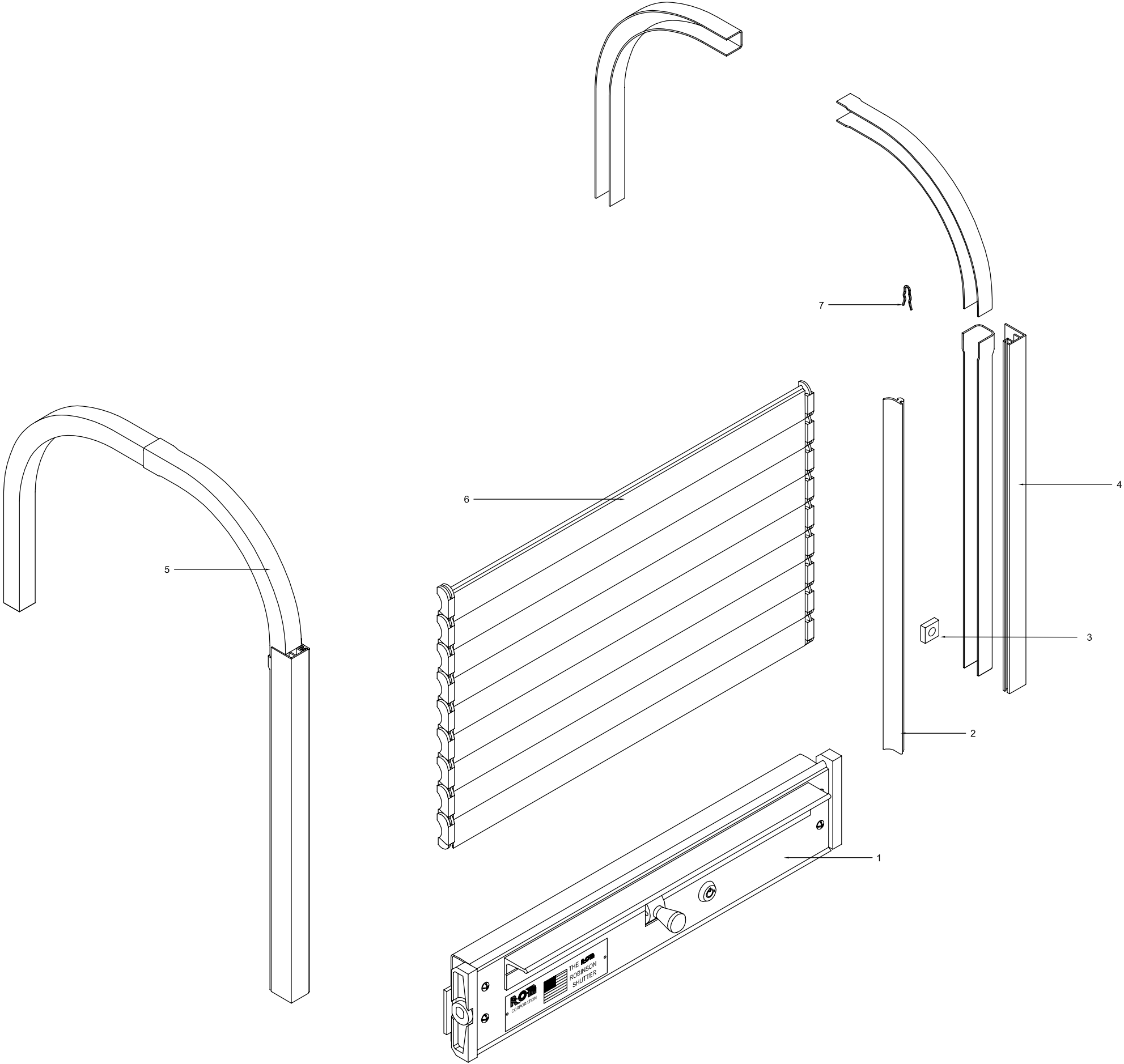
FIG. 4
RIGHT
HAND

24 VDC LED COMPONENT CONFIGURATIONS				
	RH STAND ALONE LIGHTING (WIRING OUT BOTTOM) FIG. 4			1
1	LED LIGHT STRIP 24VDC 12"-24 LEDS	YES	R01565	1
2	LED LH STRIP 24VDC W/ 2EA-24" LEADS ON MALE SIDE, 12"-24-LEDS	YES	R01648	1
	LH STAND ALONE LIGHTING (WIRING OUT BOTTOM) FIG. 3			
1	LED LIGHT STRIP 24VDC 12"-24 LEDS	YES	R01565	1
3	LED RH STRIP 24VDC W/ 2EA-24" LEADS ON FEMALE SIDE, 12" PCB 24-LEDS	YES	R01668	1
	RH STAND ALONE LIGHTING (WIRING OUT TOP) FIG. 2			
1	LED LIGHT STRIP 24VDC 12"-24 LEDS	YES	R01565	1
3	LED RH STRIP 24VDC W/ 2EA-24" LEADS ON FEMALE SIDE, 12" PCB 24-LEDS	YES	R01668	1
	LH STAND ALONE LIGHTING (WIRING OUT TOP) FIG. 1			
1	LED LIGHT STRIP 24VDC 12"-24 LEDS	YES	R01565	1
2	LED LH STRIP 24VDC W/ 2EA-24" LEADS ON MALE SIDE, 12"-24-LEDS	YES	R01648	1
	12 VDC LED COMPONENT CONFIGURATIONS			1
	RH STAND ALONE LIGHTING (WIRING OUT BOTTOM) FIG. 4			
1	LED LIGHT STRIP 12VDC 12"-24 LEDS	YES	R01557	1
2	LED LH STRIP 12VDC W/ 2EA-24" LEADS ON MALE SIDE, 12"-24-LEDS	YES	R01642	1
	LH STAND ALONE LIGHTING (WIRING OUT BOTTOM) FIG. 3			
1	LED LIGHT STRIP 12VDC 12"-24 LEDS	YES	R01557	1
3	LED RH STRIP 12VDC W/ 2EA-24" LEADS ON FEMALE SIDE, 12" PCB 24-LEDS	YES	R01667	1
	RH STAND ALONE LIGHTING (WIRING OUT TOP) FIG. 2			
1	LED LIGHT STRIP 12VDC 12"-24 LEDS	YES	R01557	1
3	LED RH STRIP 12VDC W/ 2EA-24" LEADS ON FEMALE SIDE, 12" PCB 24-LEDS	YES	R01667	1
	LH STAND ALONE LIGHTING (WIRING OUT TOP) FIG. 1			
1	LED LIGHT STRIP 12VDC 12"-24 LEDS	YES	R01557	1
2	LED LH STRIP 12VDC W/ 2EA-24" LEADS ON MALE SIDE, 12"-24-LEDS	YES	R01642	1
ITEM	DESCRIPTION	SELLABLE	PART	QTY

Parts List				
SHUTTERS				
LED LIGHT STRIP CONFIGURATION STAND ALONE LIGHTING				
Size D	Scale NTS	Date 10/17/2006	Drawn ARLA	Checked
Rev. B	Item No. R00595-LED	Sheet 1 of 2	Drawing No. R00595-LED	

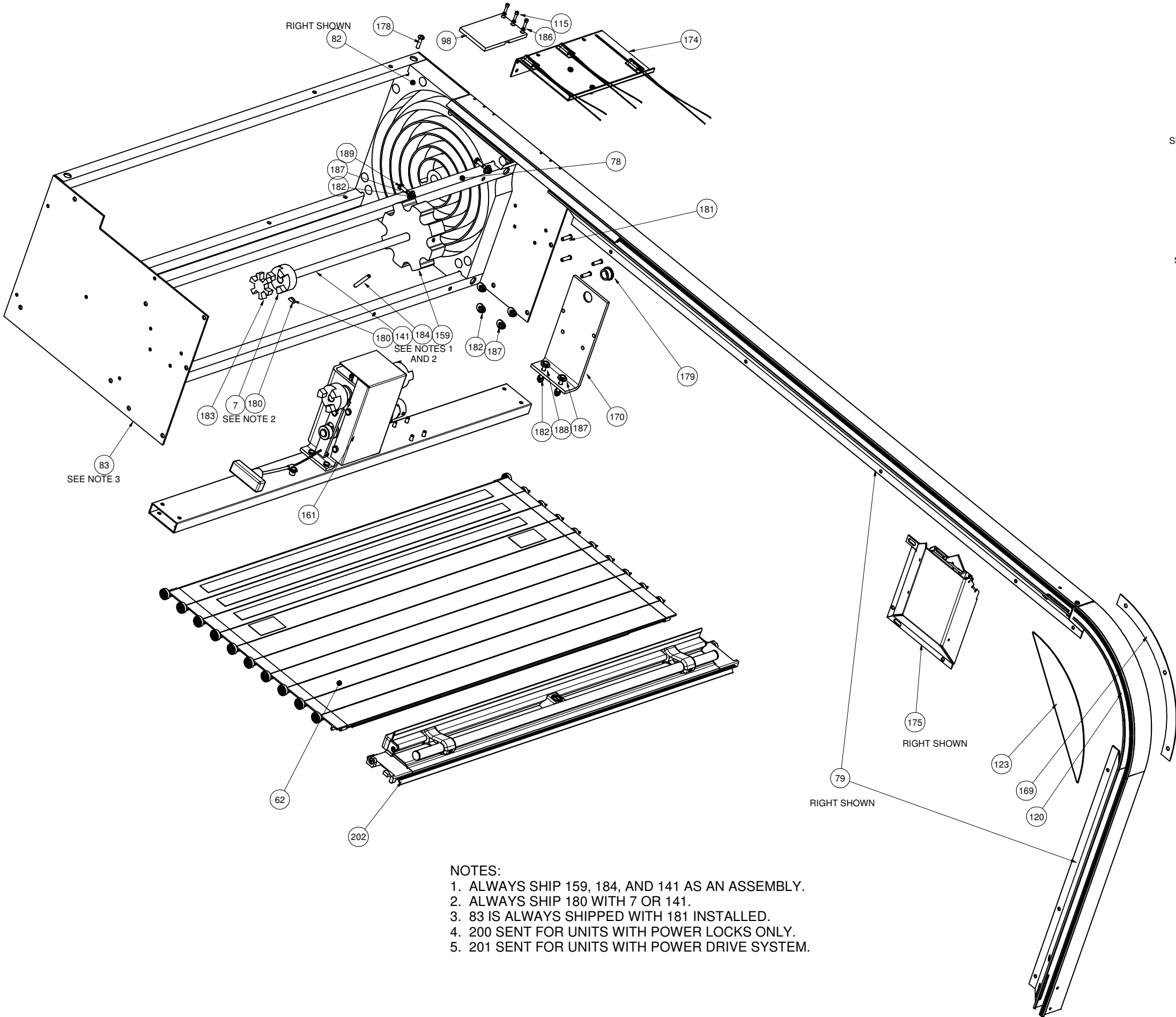
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Dimensions are in inches unless otherwise noted.

LET	ECN NO	REVISION CHANGES	DATE	BY
B	N/A	ADDED HAIRPIN CLIP	5/11/99	DWW
C	150	UPDATED SIDE SEAL PER CURRENT STYLE	5/1/02	CMS
D	648	UPDATED BOM	6/1/07	ARLA



7	HAIRPIN CLIP EXTERNAL ZP WW406	YES	R00355	2
6	SLAT ASSEMBLY SHUTTER	YES	R00072	1
5	AUTOLATCH TRACK ASSEMBLY, REPLACEMENT	YES	R00074	2
4	SIDE SEAL RETAINER CUT TO LENGTH	YES	R00064	VAR
3	LOCK BLOCK GEM LOCK 1/4 X 3/4	YES	14054	1
2	SIDE SEAL GRAY UV STAB GR 201-64	YES	14091	VAR
1	BOTTOM RAIL ASSY REPLACEMENT	YES	R00178	1
NO.	PART NAME	SELLABLE	ITEM	QTY.
 6800 E. 163rd Street Belton, MO 64012-5463 (816) 318-8000 (800) 827-3692 Fax (816) 318-8100 www.romcorp.com Excellence made to order.		SHUTTER		
		AUTOLATCH		
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Size	Scale	Date	Drawn	Checked
D	=,1	4/1/96	CMS	
Rev.	Item No.	Sheet	Drawing No.	
	R00151	1 of 1	R00151	

REVISION HISTORY				
LTR	ECN NO	DESCRIPTION	DATE	BY
A	666	RELEASE	10/31/2007	MDG



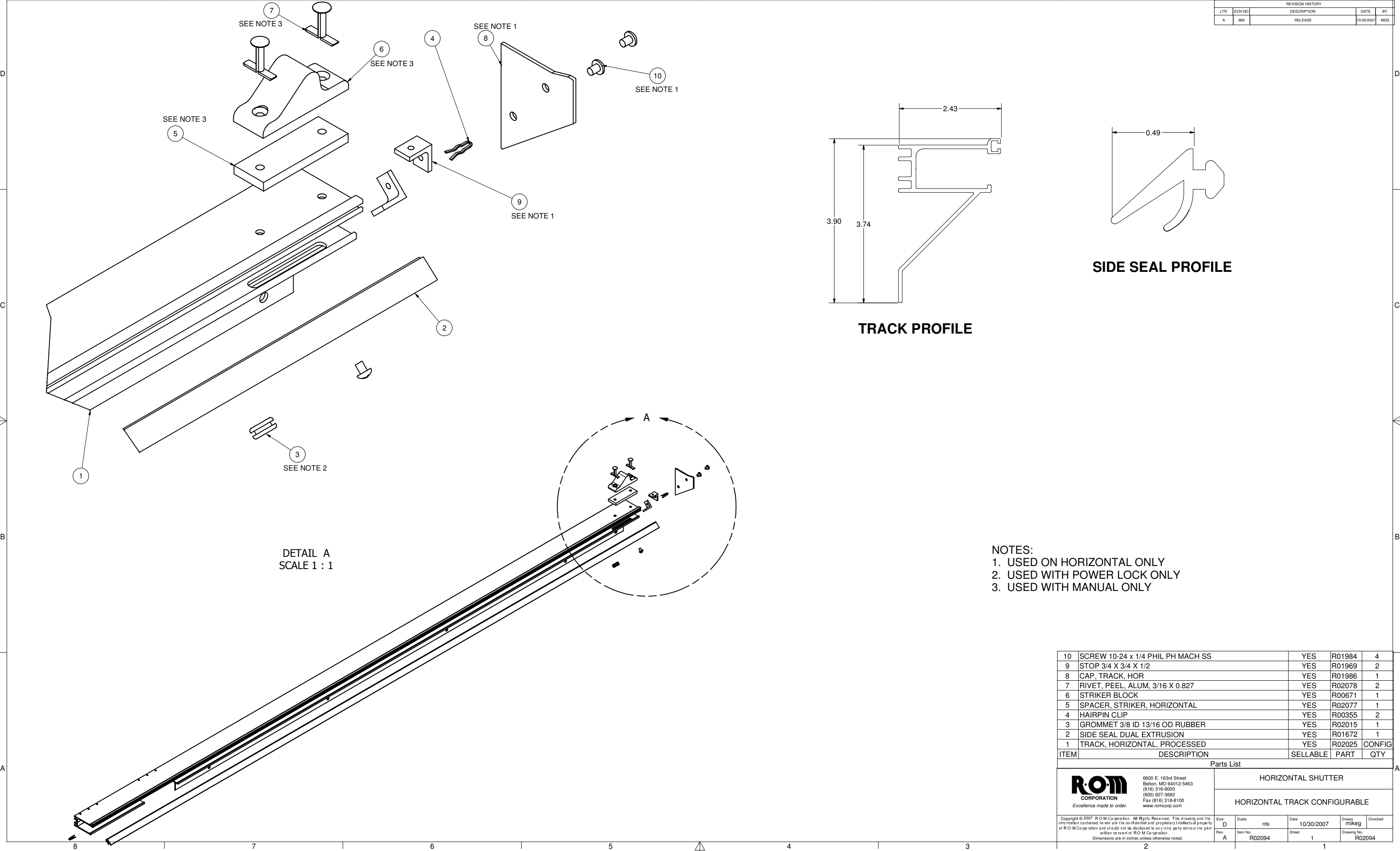
- NOTES:
- 1. ALWAYS SHIP 159, 184, AND 141 AS AN ASSEMBLY.
 - 2. ALWAYS SHIP 180 WITH 7 OR 141.
 - 3. 83 IS ALWAYS SHIPPED WITH 181 INSTALLED.
 - 4. 200 SENT FOR UNITS WITH POWER LOCKS ONLY.
 - 5. 201 SENT FOR UNITS WITH POWER DRIVE SYSTEM.

202	HORIZONTAL BOTTOM RAIL CONFIGURABLE	YES	R02111	1
201	CONTROL MODULE, HORIZONTAL	YES	R01543	1
200	POWER LOCK MODULE	YES	R00787	1
189	1/4-20 X 1 1/2 HEX HD CAP SCREW ZP		R01887	2
188	Hex Cap Screw 1/4-20 X 1-3/4		R00514	2
187	WASHER 1/4SAE 1/16X9/32IDX5/8OD ZPA		10030	8
186	WASHER #8 SPLIT LOCK SS	YES	R01958	6
184	TENSION PIN 1/4 X 2 PLAIN	YES	10057	2
183	Spider, Coupling L090 Series	YES	R01594	2
182	1/4-20 NYL INS STOP NUT ZP	YES	10021	10 OR 18
181	Stud, Clinch 1/4-20x1"	YES	R01538	10 OR 18
180	KEY (WOODRUFF #605) 3/16	YES	R02036	2
179	BEARING, 5/8IDX7/8ODX1/2LG	YES	R02033	2
178	SCREW 1/4-20 x 1 TCS PHIL PAN TypeF SS	YES	R01990	6 OR 8
175	POWER LOCK ASSY, RIGHT, HOR	YES	R01980	1
	POWER LOCK ASSY, LEFT, HOR		R01981	
174	SENSOR ASSY, HORIZONTAL	YES	R02087	1
170	MOUNTING PLATE	YES	R02042	2
169	SPACER, RADIUS, HOR	YES	R02044	2
161	DRIVE ASSY, HORIZONTAL	YES	R01983	1
159	8 TOOTH SPROCKET, MOLDED	YES	R02093	2
141	SHAFT, EXTENSION, HOR	YES	R01987	2
123	TRACK, RADIUS, FILLER, HOR	YES	R02046	2
120	TRACK, RADIUS, HOR	YES	R02045	2
115	SCREW, #8 x 5/8 SHCS SS	YES	R01927	6
98	STOP, LINED	YES	R02051	2
	PLATE, MOUNTING, MANUAL, E, HOR	YES	R01995	2
	PLATE, MOUNTING, MANUAL, D, HOR	YES	R01996	2
	PLATE, MOUNTING, MANUAL, C, HOR	YES	R01997	2
	PLATE, MOUNTING, MANUAL, B, HOR	YES	R01998	2
	PLATE, MOUNTING, POWER, E, HOR	YES	R01991	2
	PLATE, MOUNTING, POWER, D, HOR	YES	R01992	2
	PLATE, MOUNTING, POWER, C, HOR	YES	R01993	2
83	PLATE, MOUNTING, POWER, B, HOR	YES	R01994	2
	SPIRAL PLATE, E, LEFT	YES	R01953	1
	SPIRAL PLATE, E, RIGHT	YES	R01952	1
	SPIRAL PLATE, D, LEFT	YES	R01951	1
	SPIRAL PLATE, D, RIGHT	YES	R01950	1
	SPIRAL PLATE, C, LEFT	YES	R01949	1
	SPIRAL PLATE, C, RIGHT	YES	R01948	1
	SPIRAL PLATE, B, LEFT	YES	R01947	1
82	SPIRAL PLATE, B, RIGHT	YES	R01946	1
79	TRACK, CONFIGURABLE	YES	R02094	CONFIG
78	TUBE W/BKT HOLES, SPIRAL ASSY, HOR SEE ENGINEERING	YES	R01989, R02086	4
62	HORIZONTAL SLAT CONFIGURABLE	YES	R02112	1
7	COUPLING, SERIES 90, 5/8 BORE	YES	R02031	2
ITEM	DESCRIPTION	SELLABLE	PART	QTY

Parts List				
HORIZONTAL SHUTTER				
HORIZONTAL SHUTTER V2				
Size	Scale	NTS	Date	10/31/2007
Drawn	Mikeg	Checked		
Rev	Item No.	Sheet	1	Drawing No.
A	R02089			R02089

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REVISION HISTORY				
LTR	ECN NO	DESCRIPTION	DATE	BY
A	686	RELEASE	10/30/2007	MOG

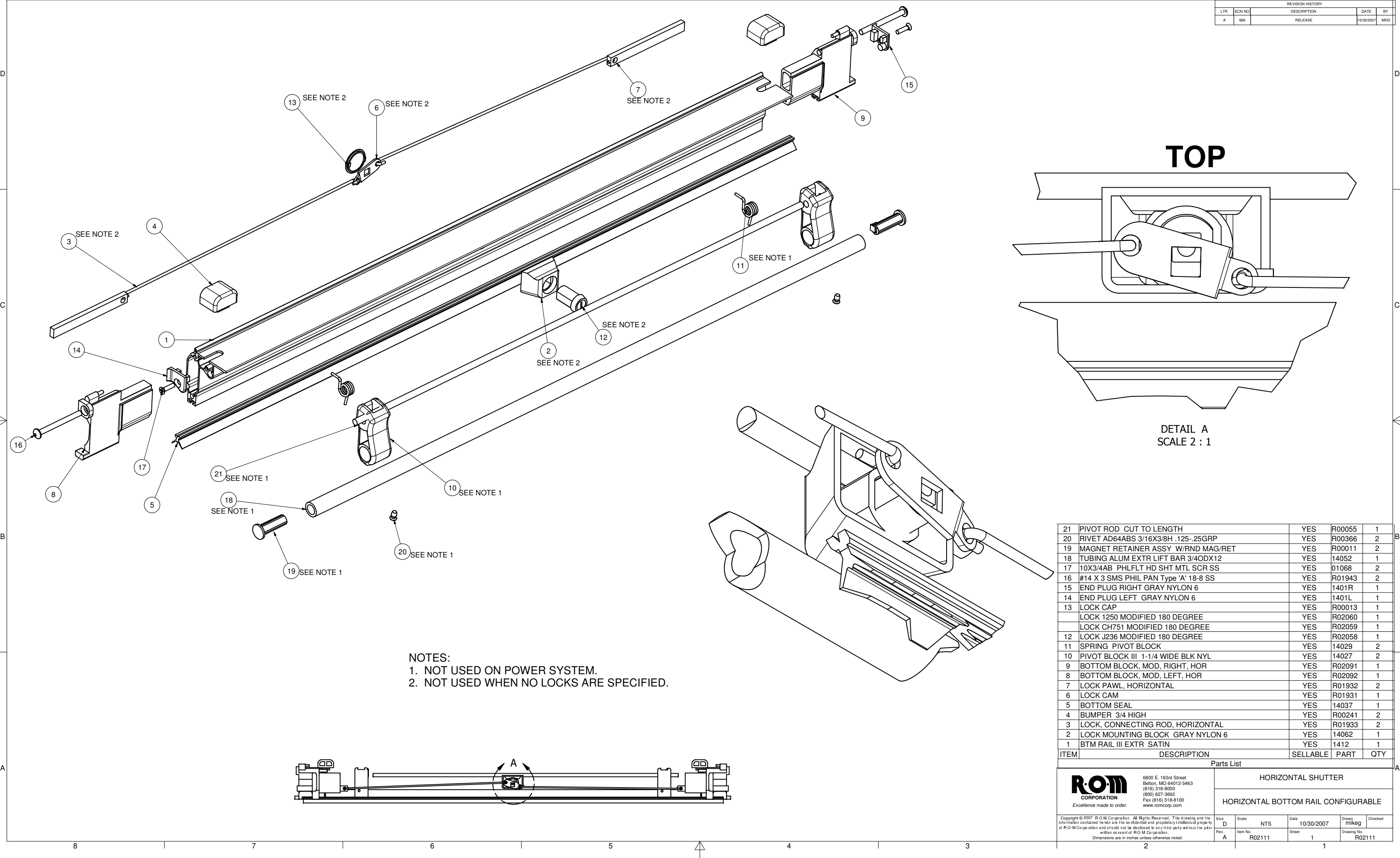


- NOTES:
- 1. USED ON HORIZONTAL ONLY
 - 2. USED WITH POWER LOCK ONLY
 - 3. USED WITH MANUAL ONLY

10	SCREW 10-24 x 1/4 PHIL PH MACH SS	YES	R01984	4
9	STOP 3/4 X 3/4 X 1/2	YES	R01969	2
8	CAP. TRACK, HOR	YES	R01986	1
7	RIVET, PEEL, ALUM, 3/16 X 0.827	YES	R02078	2
6	STRIKER BLOCK	YES	R00671	1
5	SPACER, STRIKER, HORIZONTAL	YES	R02077	1
4	HAIRPIN CLIP	YES	R00355	2
3	GROMMET 3/8 ID 13/16 OD RUBBER	YES	R02015	1
2	SIDE SEAL DUAL EXTRUSION	YES	R01672	1
1	TRACK, HORIZONTAL, PROCESSED	YES	R02025	CONFIG
ITEM	DESCRIPTION	SELLABLE	PART	QTY

Parts List					
 6800 E. 163rd Street Belton, MO 64012-5463 (816) 318-8000 (800) 827-3692 Fax (816) 318-8100 www.romcorp.com			HORIZONTAL SHUTTER		
			HORIZONTAL TRACK CONFIGURABLE		
Size	Scale	nts	Date	Drawn	Checked
D			10/30/2007	mikeg	
Rev	Item No.	Sheet	Drawing No.		
A	R02094	1	R02094		

LTR		ECN NO	REVISION HISTORY		DATE	BY
A		686	RELEASE		10/30/2007	MDG

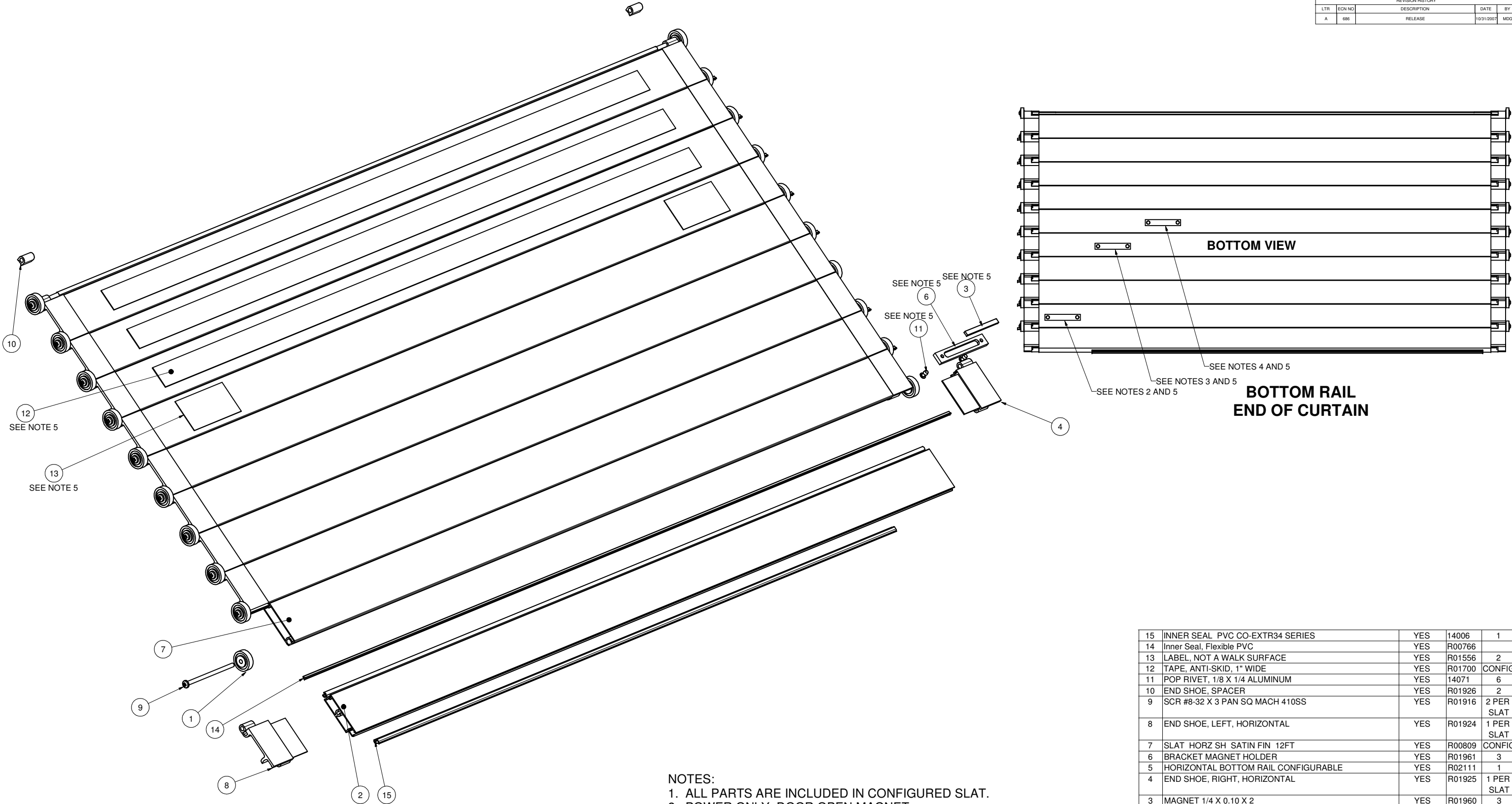


NOTES:
1. NOT USED ON POWER SYSTEM.
2. NOT USED WHEN NO LOCKS ARE SPECIFIED.

21	PIVOT ROD CUT TO LENGTH	YES	R00055	1
20	RIVET AD64ABS 3/16X3/8H .125-.25GRP	YES	R00366	2
19	MAGNET RETAINER ASSY W/RND MAG/RET	YES	R00011	2
18	TUBING ALUM EXTR LIFT BAR 3/4ODX12	YES	14052	1
17	10X3/4AB PHLFLT HD SHT MTL SCR SS	YES	01068	2
16	#14 X 3 SMS PHIL PAN Type 'A' 18-8 SS	YES	R01943	2
15	END PLUG RIGHT GRAY NYLON 6	YES	1401R	1
14	END PLUG LEFT GRAY NYLON 6	YES	1401L	1
13	LOCK CAP	YES	R00013	1
	LOCK 1250 MODIFIED 180 DEGREE	YES	R02060	1
	LOCK CH751 MODIFIED 180 DEGREE	YES	R02059	1
12	LOCK J236 MODIFIED 180 DEGREE	YES	R02058	1
11	SPRING PIVOT BLOCK	YES	14029	2
10	PIVOT BLOCK III 1-1/4 WIDE BLK NYL	YES	14027	2
9	BOTTOM BLOCK, MOD, RIGHT, HOR	YES	R02091	1
8	BOTTOM BLOCK, MOD, LEFT, HOR	YES	R02092	1
7	LOCK PAWL, HORIZONTAL	YES	R01932	2
6	LOCK CAM	YES	R01931	1
5	BOTTOM SEAL	YES	14037	1
4	BUMPER 3/4 HIGH	YES	R00241	2
3	LOCK, CONNECTING ROD, HORIZONTAL	YES	R01933	2
2	LOCK MOUNTING BLOCK GRAY NYLON 6	YES	14062	1
1	BTM RAIL III EXTR SATIN	YES	1412	1
ITEM	DESCRIPTION	SELLABLE	PART	QTY

Parts List		HORIZONTAL SHUTTER			
		HORIZONTAL BOTTOM RAIL CONFIGURABLE			
 6800 E. 163rd Street Belton, MO 64012-5463 (816) 318-8000 (800) 827-3692 Fax (816) 318-8100 www.romcorp.com		Size	Scale	Date	Drawn
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Rev	Item No.	Sheet	1	Drawing No.	Checked
A	R02111	1		R02111	

REVISION HISTORY				
LTR	ECN NO	DESCRIPTION	DATE	BY
A	686	RELEASE	10/31/2007	MDG



- NOTES:
- 1. ALL PARTS ARE INCLUDED IN CONFIGURED SLAT.
 - 2. POWER ONLY, DOOR OPEN MAGNET.
 - 3. POWER ONLY, DOOR CLOSED MAGNET.
 - 4. POWER ONLY, DOOR AJAR MAGNET (NOT SYSTEM).
 - 5. SHIPPED LOOSE ON REPLACEMENTS.

15	INNER SEAL PVC CO-EXTR34 SERIES	YES	14006	1
14	Inner Seal, Flexible PVC	YES	R00766	
13	LABEL, NOT A WALK SURFACE	YES	R01556	2
12	TAPE, ANTI-SKID, 1" WIDE	YES	R01700	CONFIG
11	POP RIVET, 1/8 X 1/4 ALUMINUM	YES	14071	6
10	END SHOE, SPACER	YES	R01926	2
9	SCR #8-32 X 3 PAN SQ MACH 410SS	YES	R01916	2 PER SLAT
8	END SHOE, LEFT, HORIZONTAL	YES	R01924	1 PER SLAT
7	SLAT HORZ SH SATIN FIN 12FT	YES	R00809	CONFIG
6	BRACKET MAGNET HOLDER	YES	R01961	3
5	HORIZONTAL BOTTOM RAIL CONFIGURABLE	YES	R02111	1
4	END SHOE, RIGHT, HORIZONTAL	YES	R01925	1 PER SLAT
3	MAGNET 1/4 X 0.10 X 2	YES	R01960	3
2	ADAPTOR SLAT, HORIZONTAL, CUT TO LENGTH	YES	R01874	CONFIG
1	BEARING, ROLLER 7/8" DIA.	YES	R00888	2 PER SLAT
ITEM	DESCRIPTION	SELLABLE	PART	QTY

Parts List				
HORIZONTAL SHUTTER				
HORIZONTAL SLAT CONFIGURABLE				
Size	Scale	NTS	Date	10/31/2007
Rev	Item No.	Sheet	1	Drawing No.
A	R02112	1		R02112

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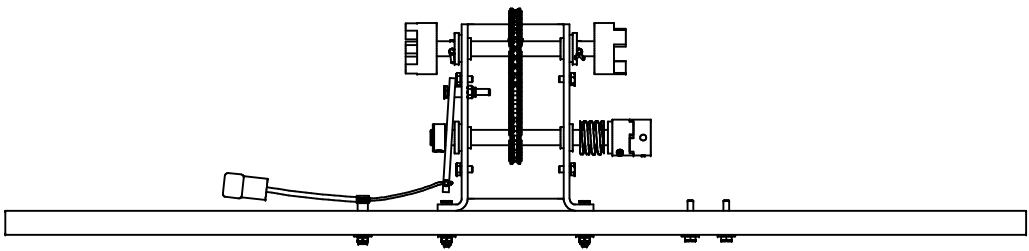
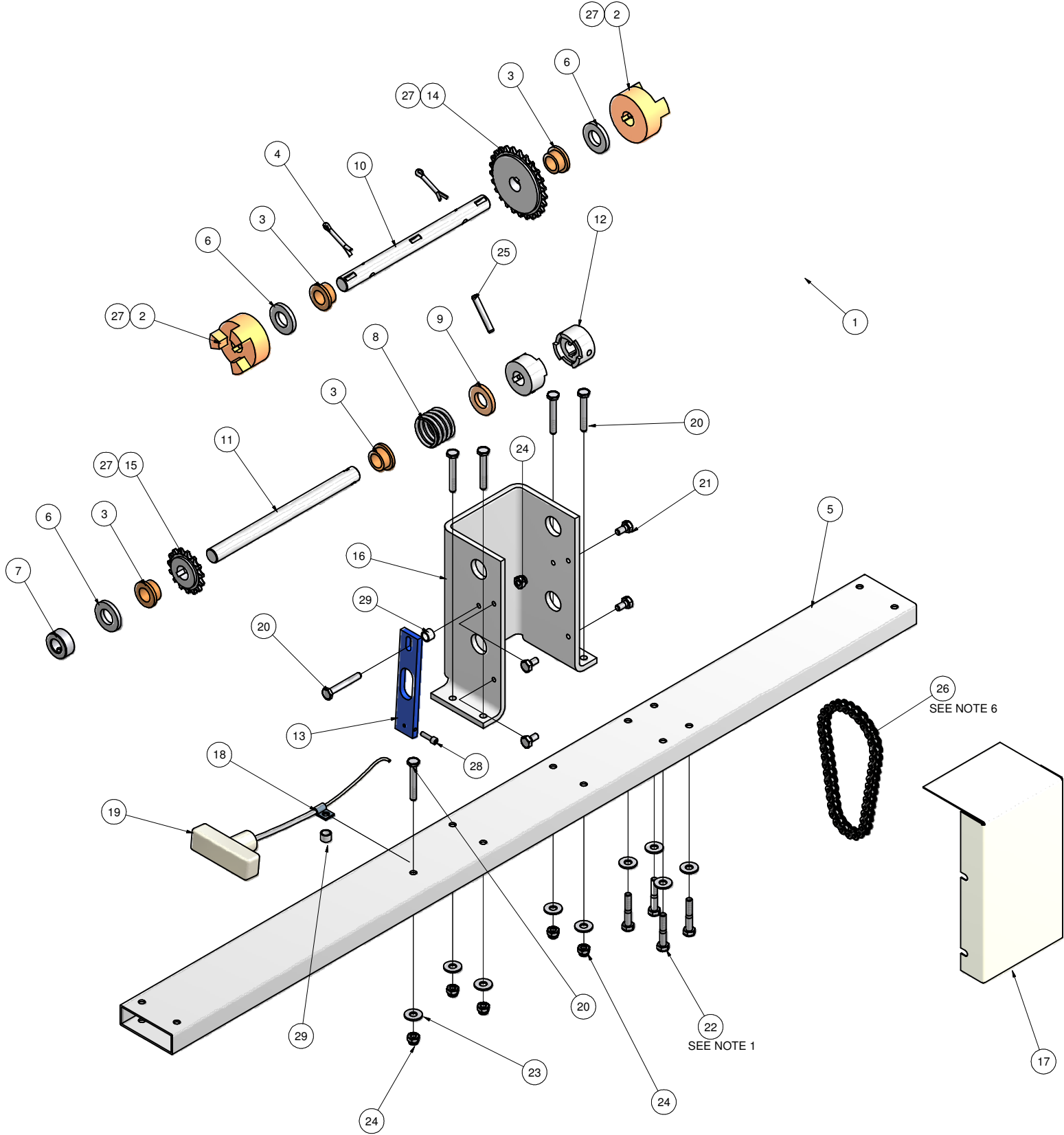
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HORIZONTAL SHUTTER

HORIZONTAL SLAT CONFIGURABLE

REVISION HISTORY				
LTR	ECN NO	DESCRIPTION	DATE	BY
A	N/A	PART CREATION	8/7/2007	BAM
B	665	ADDED SPACERS	9/13/2007	MDG



29	SPACER, .438OD X 5/16 LONG, HOR	YES	R02090	2
28	SCREW, #8 x 5/8 SHCS SS	YES	R01927	1
27	KEY (WOODRUFF #605) 3/16	YES	R02036	4
26	CHAIN, 35 GA (39 LINKS) + MASTER LINK (R02049)	YES	R02048	1
25	Pin - Slotted Spring 1/4 X 1-5/8	YES	R00263	1
24	1/4-20 NYL INS STOP NUT ZP	YES	10021	6
23	WASHER 1/4SAE 1/16X9/32IDX5/8OD ZPA	YES	10030	9
22	1/4-20 X 1 1/2 HEX HD CAP SCREW ZP	YES	R01887	4
21	1/4-20 X 1/2 HEX HD CAP SCR SS	YES	10094	4
20	1/4-20 X 1 3/4 HHCS GR5 ZP	YES	R00519	6
19	CABLE PUSH PULL 20FT HORIZONTAL	YES	R01921	1
18	CABLE MOUNTING CLIP, HORIZONTAL	YES	R01922	1
17	GUARD, HORIZONTAL	YES	R02076	1
16	BKT, DRIVE ASSY, HOR	YES	R02047	1
15	SPROCKET, 35GA, 15 TOOTH, 5/8ID, HOR	YES	R02034	1
14	SPROCKET, 35GA, 25 TOOTH, 5/8ID, HOR	YES	R02061	1
13	PIVOT ARM, HORIZONTAL	YES	R02026	1
12	CLUTCH JAW	YES	R02038	2
11	SHAFT, DRIVE, BOTTOM, HOR	YES	R02028	1
10	SHAFT, DRIVE, TOP, HOR	YES	R02027	1
9	BEARING, THRUST, 5/8IDX1ODX1/8THK	YES	R02035	1
8	TROLLEY SPRING STAINLESS	YES	R00943	1
7	COLLAR, 5/8 ID	YES	R02037	1
6	WASHER THRUST 5/8 SAE 18-8 SS	YES	14036	3
5	TUBE, MOTOR MOUNT, HOR	YES	R02040	1
4	COTTER PIN, 5/32 X 1-1/4, SS	YES	R02032	2
3	BEARING, 5/8IDX7/8ODX1/2LG	YES	R02033	4
2	COUPLING, SERIES 90, 5/8 BORE	YES	R02031	2
1	MOTOR AND GEAR BOX, 3/16 HP HORIZONTAL	YES	R02024	1
NO.	DESCRIPTION	SELLABLE	ITEM	QTY.

- NOTES:
1. APPLY RED LOCK TITE TO SCREW THREADS.
 2. REAM BEARINGS TO .628 IF SHAFTS DO NOT INSTALL SMOOTHLY.
 3. ALIGN KEY SLOT OF BOTTOM SHAFT WITH KEYWAY OF TOP SHAFT.
 4. COUPLINGS, CLUTCHES, COLLAR SHOULD BE ALIGNED WITH END OF SHAFTS.
 5. ATTACH CABLE TO TUBE WITH WIRE TIES AFTER TESTING OPERATION.
 6. 19 OUTER LINKS, 20 INNER LINKS.

Parts List		HORIZONTAL SHUTTER			
		DRIVE ASSY, HORIZONTAL			
Size	Scale	NTS	Date	8/7/2007	Drawn
D					BAM
Rev	Item No.	Sheet	1	Drawing No.	R01983
A	R01983				

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