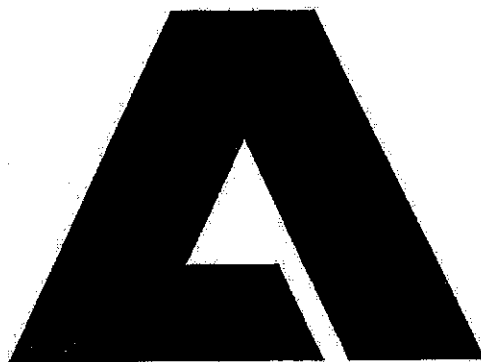




ANDRITZ
RUTHNER, INC.
INTERCONTINENTAL RECYCLING
FITCHBURG, MA
#692-639
3.0M GRAVITY BELT THICKENER
PARTS MANUAL

APPROVED BY: *N. B. [Signature]* 6/21/95

June 9, 1995

ANDRITZ-Ruthner, Inc.

1010 Commercial Blvd. S., Arlington, TX 76017 (817) 465-5611 FAX (817) 472-8589

GRAVITY BELT THICKENER ORIENTATION

TO DETERMINE IF GRAVITY BELT THICKENER IS RIGHT HAND OR LEFT HAND, LOOK FROM FEED INLET (RETENTION TANK) TOWARDS DISCHARGE END. IF THE DRIVE UNIT IS ON YOUR RIGHT HAND SIDE, THEN THE MACHINE IS RIGHT HANDED. IF THE DRIVE UNIT IS ON YOUR LEFT HAND SIDE, THEN THE MACHINE IS LEFT HANDED.

ALL DENOTATIONS OF (RH) OR (LH) IN THIS MANUAL ARE DETERMINED BY THE PARAGRAPH ABOVE, AND THE ILLUSTRATION BELOW.

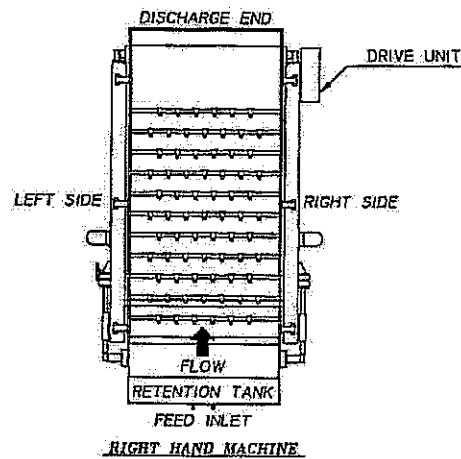
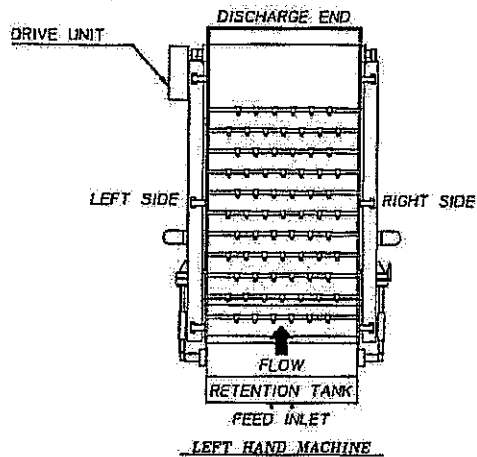
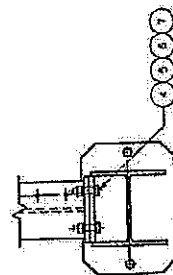
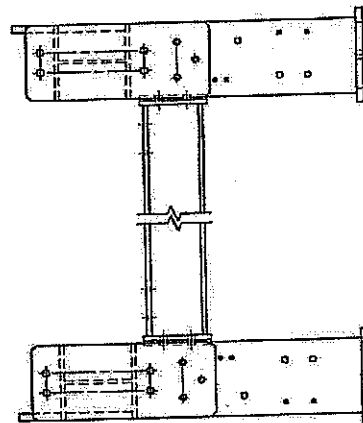
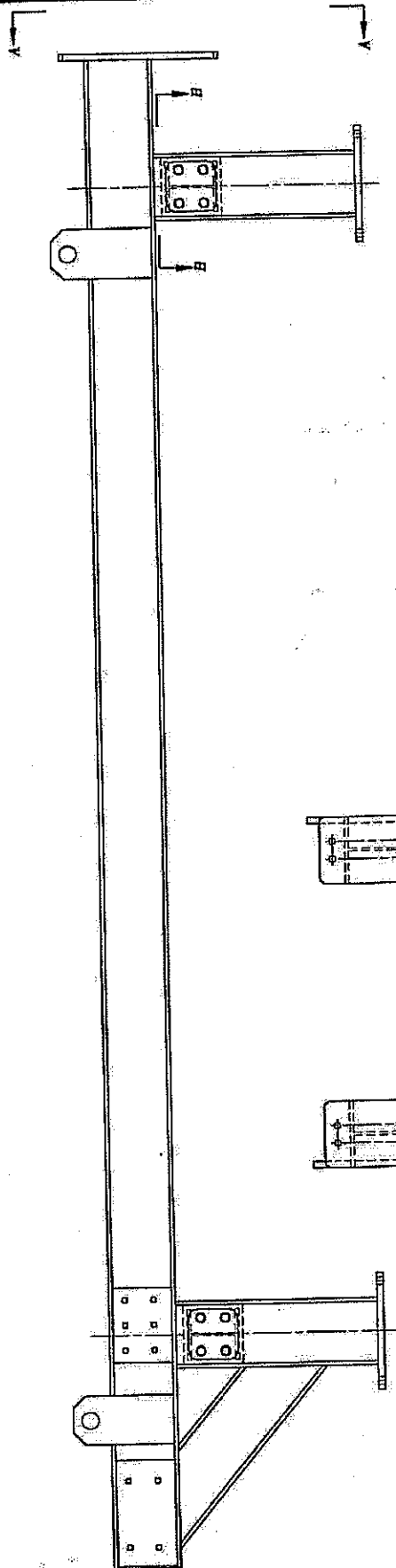
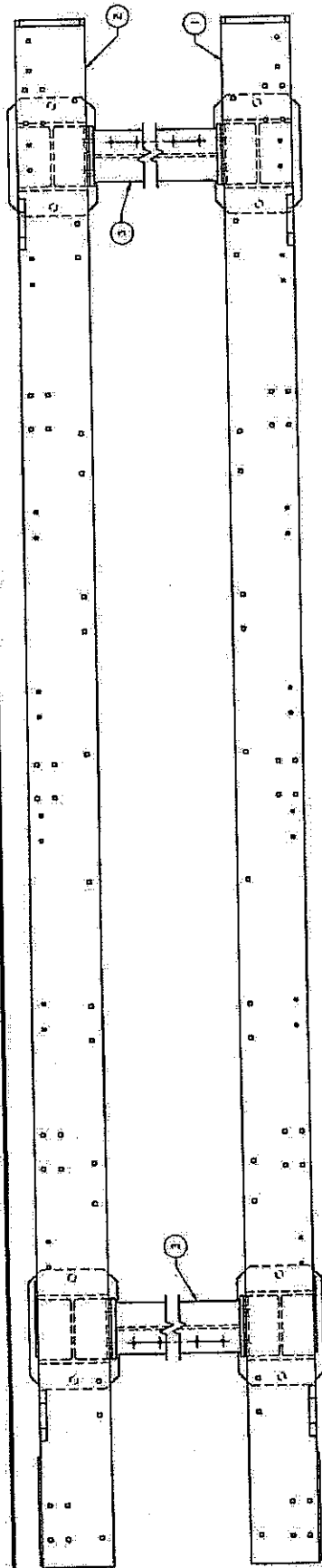


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SPGBT300	Roll Placement Assembly (Roll List)	8
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SECTION B-B
4 PLACES

VIEW A-A

 ANDRITZ RUTHNER, INC.	NAME FRAME ASSEMBLY	DWG. NO. 1 DMM8315E

FRAME ASSEMBLY

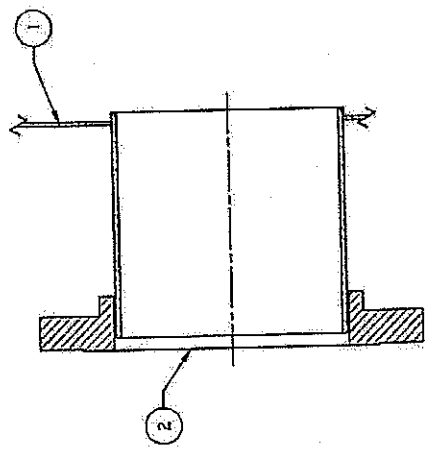
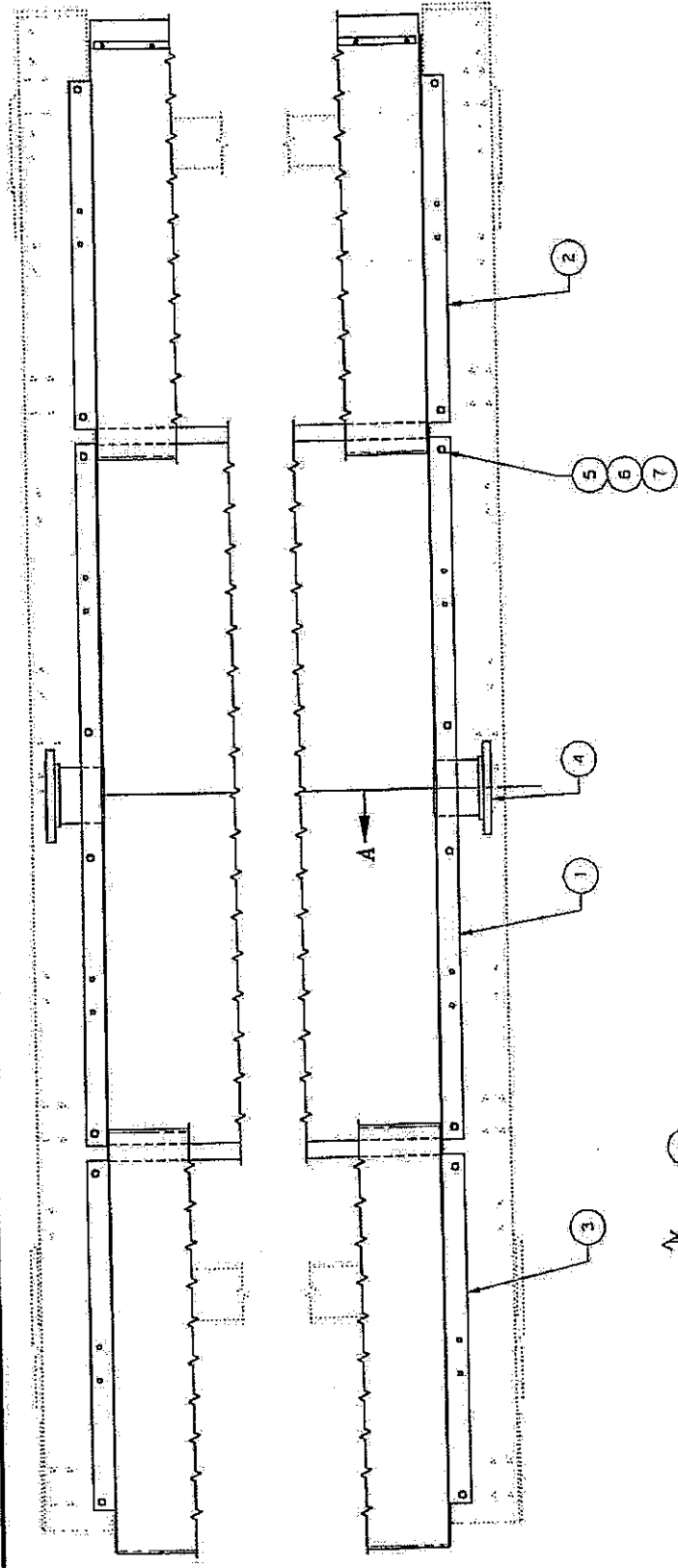
DMM8315E

POSITION

PART NO.

DESCRIPTION

0	DMM8315E	FRAME ASSEMBLY
1	DMM8316E	FRAME, RIGHT SIDE ASSEMBLY
2	DMM8317E	FRAME, LEFT SIDE ASSEMBLY
3	DMM8331C	CROSSBEAM ASSEMBLY
4	933SXM16x60	HEX BOLT M16 x 60
5	125SXM16	FLAT WASHER M16
6	127SXM16	LOCK WASHER M16
7	934SXM16	HEX NUT M16



SECTION A-A

FILTRATE PAN
ASSEMBLY

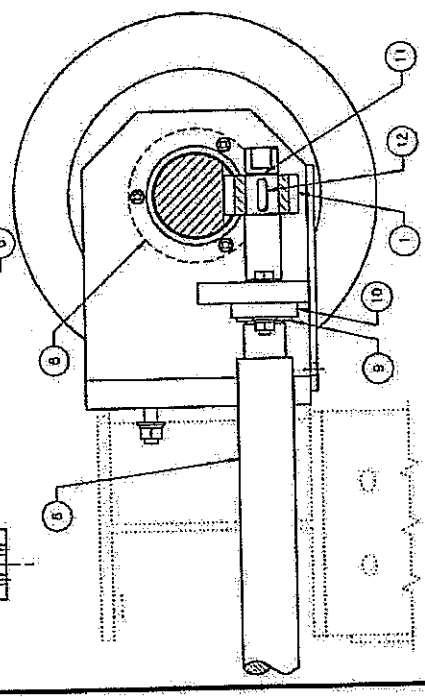
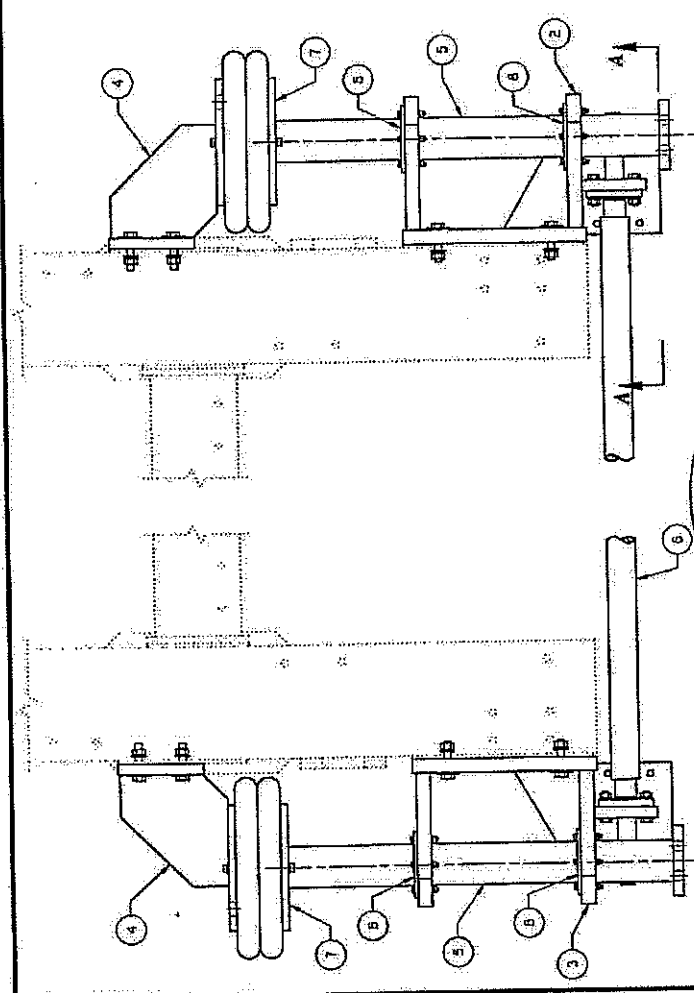
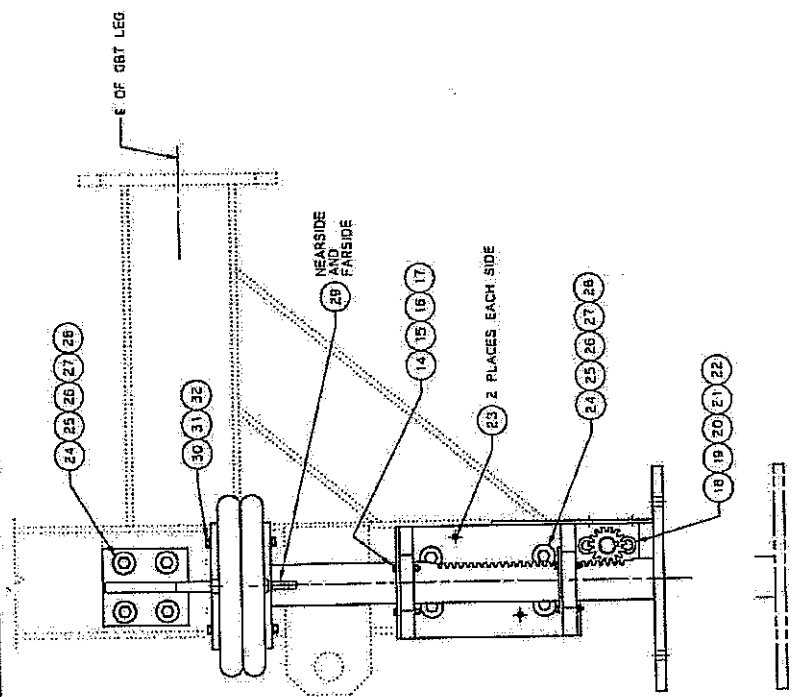


DRP. 100.1 DMM8834E

FILTRATE PAN ASSEMBLY

DMM8834E

<u>POSITION</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
0	DMM8834E	FILTRATE PAN ASSEMBLY
1	DMM8310E	CENTER PAN ASSEMBLY
2	DMM8351E	END PAN ASSEMBLY
3	DMM8352E	END PAN ASSEMBLY
4	DMM8669C	FILTRATE FLANGE
5	933SXM10x30	HEX BOLT M10 x 30
6	125SXM10	FLAT WASHER M10
7	127SXM10	LOCK WASHER M10



SECTION A-A

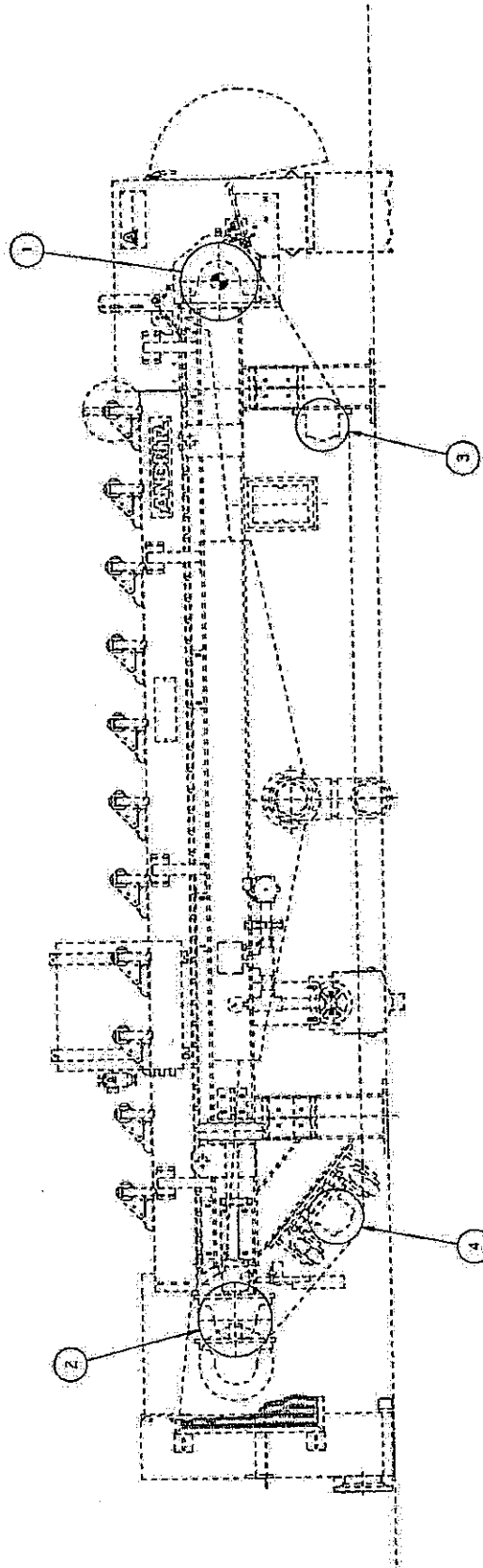
	NAME	BELT TENSION ASSEMBLY
	DWG. NO. 1	DMM8832E
	ANDRITZ ALUTHNER, INC.	

BELT TENSION ASSEMBLY

DMM8832E

<u>POSITION</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
0	DMM8832E	BELT TENSION ASSEMBLY
1	DMM4862B-X	PINION GEAR
2	DMM8289D	TENSION BRACKET ASSEMBLY (RH)
3	DMM8290D	TENSION BRACKET ASSEMBLY (LH)
4	DMM8295C	BELLOW BRACKET ASSEMBLY
5	DMM8299C	TENSION SHAFT ASSEMBLY
6	DMM8302C	PINION GEAR SHAFT ASSEMBLY
7	DMM8304C	BELLOW FLANGE
8	DMM8305C	BUSHING
9	DMM8360C	BUSHING
10	DMM8367C-XL	ADJUSTING PLATE
11	471SX-30	SNAP RING 30 MM EXT.
12	6885A08X7X28	KEY 8 x 7 x 28 LG.
13	AB-22-7180	AIR BELLOW
14	933SXM06x45	HEX BOLT M6 x 45
15	125SXM06	FLAT WASHER M6
16	127SXM06	LOCK WASHER M6
17	934SXM06	HEX NUT M6
18	933SXM10x50	HEX BOLT M10 x 50
19	125SXM10	FLAT WASHER M10
20	9021SXM10	FLAT WASHER M10 (OVER SIZED OD)
21	127SXM10	LOCK WASHER M10
22	934SXM10	HEX NUT M10
23	7977SXM10x75	TAPER PIN M10 x 75
24	933SXM12x60	HEX BOLT M12 x 60
25	125SXM12	FLAT WASHER M12
26	9021SXM12	FLAT WASHER M12 (OVER SIZED OD)
27	127SXM12	LOCK WASHER M12
28	934SXM12	HEX NUT M12
29	7991SXM16x40	FLAT HEAD SOCKET SCREW M16 x 40
30	1821CX3/8X1	HEX BOLT 3/8"-16 UNC x 1" LG.
31	18221X3/8	FLAT WASHER 3/8"
32	18211X3/8	LOCK WASHER 3/8"

1. DRIVE ROLL 14.86" DIA.
2. TENSION ROLL 14.40" DIA.
3. DEFLECTION ROLL 10.40" DIA.
4. TRACKING ROLL 10.40" DIA.



11402
ROLL PLACEMENT
ASSEMBLY

A

DWG. NO. 1
SPGBT300

ANDRITA
LUTHER, INC.

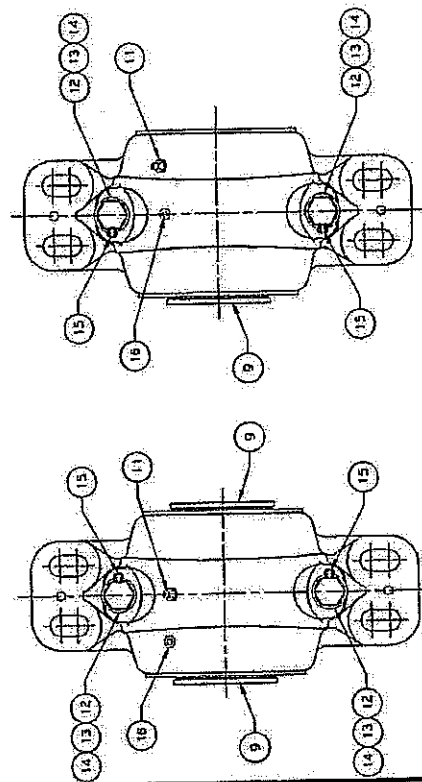
INTERCONTINENTAL, FITCHBURG, MA

#692-639

3.0m GRAVITY BELT THICKENER

ROLL LIST

<u>POS.</u>	<u>DESCRIPTION</u>	<u>PART NO.</u>	<u>BRG/SHAFT DIA.</u>	<u>NO. PER MACHINE</u>
1	DRIVE ROLL 14.66" DIA.	DMM8672E-B	3.1875"	1
2	TENSION ROLL 14.4" DIA.	DMM8689E-B	3.1875"	1
3	DEFLECTION ROLL 10.4" DIA.	DMM8372E-B88	2.1875"	1
3	TRACKING ROLL 10.4" DIA.	DMM8372E-B80	2.1875"	1



A **FIARE**

DWG. NO.: **ANDRITZ**
ROUTNER, INC.

VIEW B-B
BEARING ASSY SHOWN ONLY

VIEW A-A
BEARING ASSY SHOWN ONLY

DRIVE ROLL ASSEMBLY

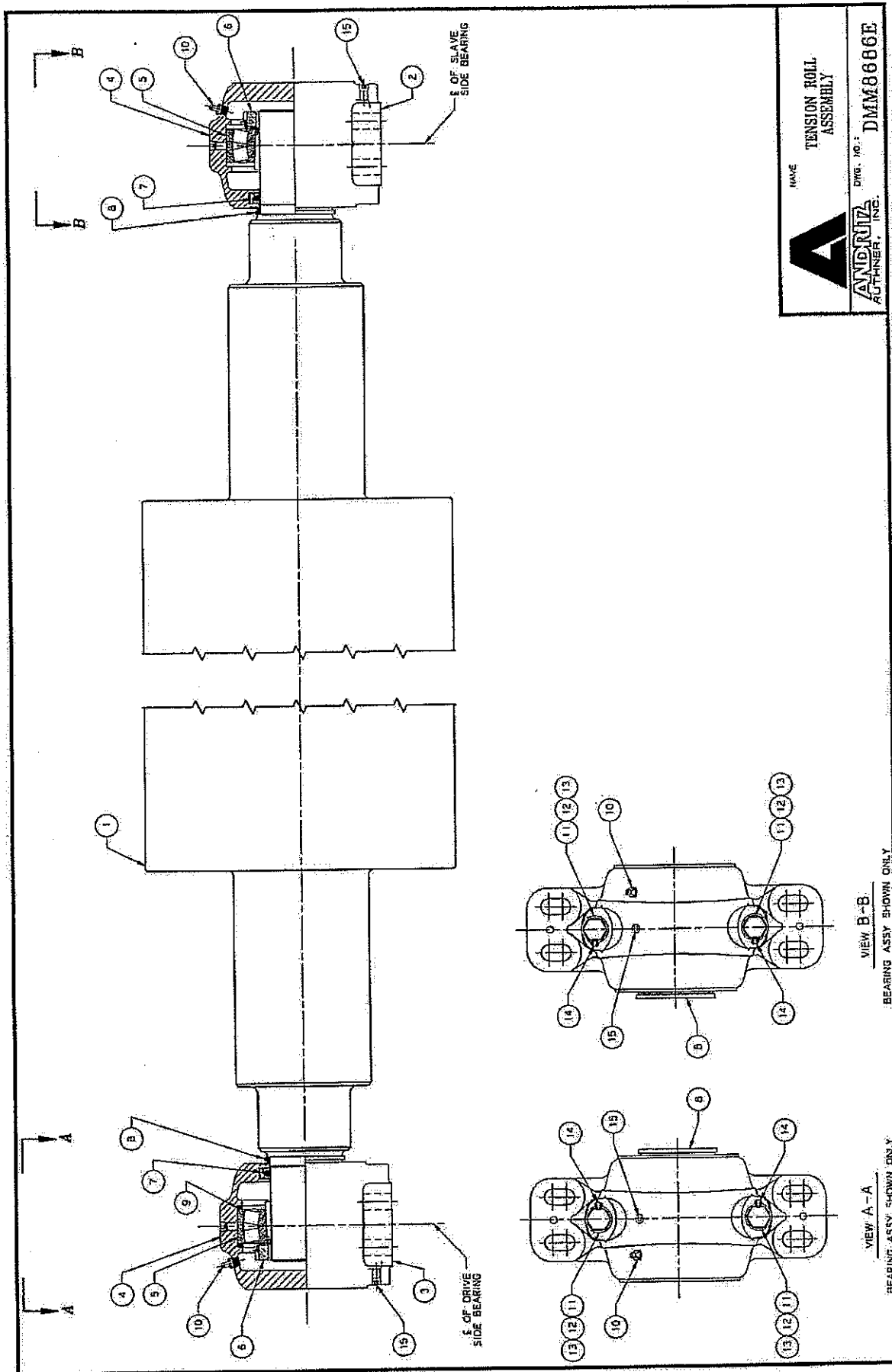
DMM8684E

POSITION

PART NO.

DESCRIPTION

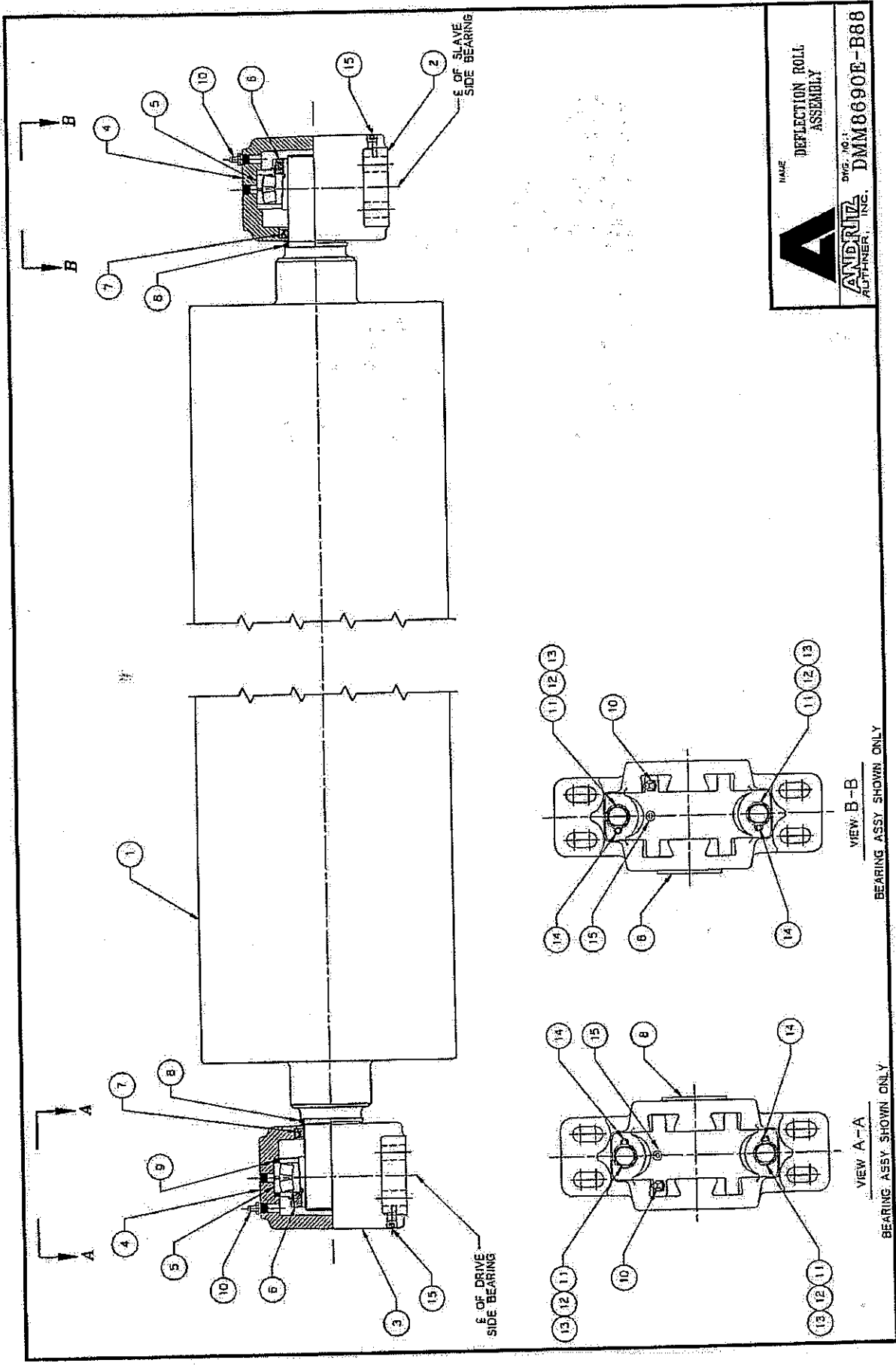
0	DMM8684E	DRIVE ROLL ASSEMBLY
1	DMM8672E-B	14.66" DIA. DRIVE ROLL COVERING
2	BRLBBS226802E	BEARING ASSEMBLY W/O ITEM #10
3	BRLBBS226803	BEARING ASSEMBLY
4	BRLBBY410620	BEARING HOUSING
5	BRLBBY410619	BEARING HOUSING
6	22218CCK/W33	TAPERED BORE SPHERICAL ROLLER BEARING
7	SNW18-3-3/16"	TAPERED ADAPTER ASSEMBLY
8	BRLBLB6851-3T	T-LIP SEAL
9	V80-A	NEOPRENE V-RING SEAL
10	BRLBTD-LB6852-4	FIXING RINGS
11	5000	LUBE FITTING 1/8" NPT
12	933SXM16x90	HEX BOLT M16 x 90
13	127SXM16	LOCK WASHER M16
14	125SXM16	FLAT WASHER M16
15	551SXM10x12	SET SCREW M10 x 12
16	BRLBBS226191	PIPE PLUG 1/8" NPT



TENSION ROLL ASSEMBLY

DMM8686E

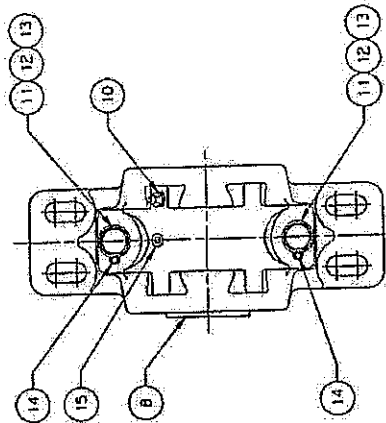
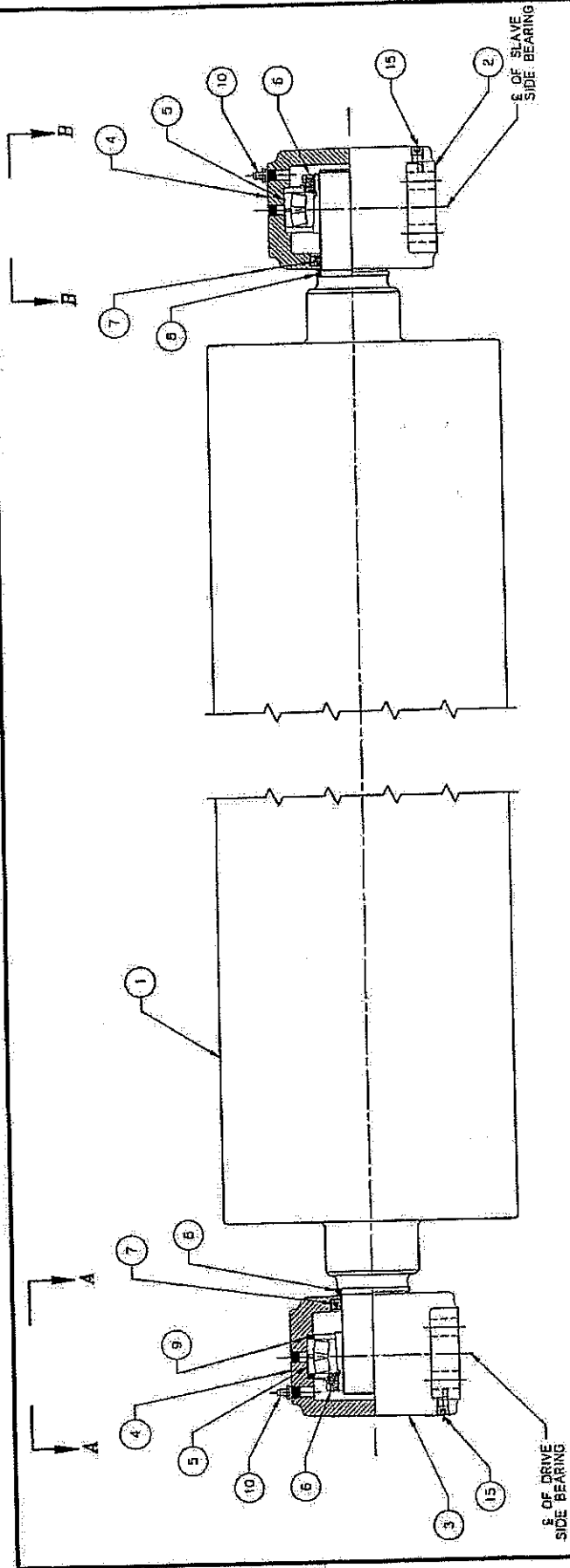
<u>POSITION</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
0	DMM8686E	TENSION ROLL ASSEMBLY
1	DMM8689E-B	14.4" DIA. TENSION ROLL COVERING
2	BRLBBS226802E	BEARING ASSEMBLY W/O ITEM #9
3	BRLBBS226802	BEARING ASSEMBLY
4	BRLBBY410619	BEARING HOUSING
5	22218CCK/W33	TAPERED BORE SPHERICAL ROLLER BEARING
6	SNW18-3-3/16"	TAPERED ADAPTER ASSEMBLY
7	BRLBLB6851-3T	T-LIP SEAL
8	V80-A	NEOPRENE V-RING SEAL
9	BRLBTD-LB6852-4	FIXING RINGS
10	5000	LUBE FITTING 1/8" NPT
11	933SXM16x90	HEX BOLT M16 x 90
12	127SXM16	LOCK WASHER M16
13	125SXM16	FLAT WASHER M16
14	551SXM10x12	SET SCREW M10 x 12
15	BRLBBS226191	PIPE PLUG 1/8" NPT



DEFLECTION ROLL ASSEMBLY

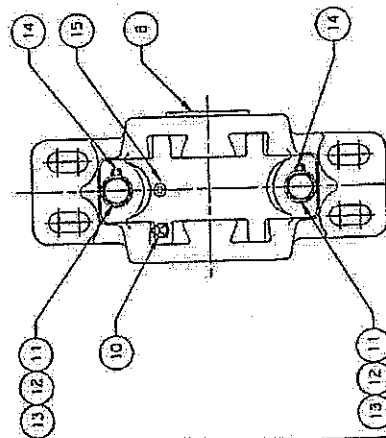
DMM8690E

<u>POSITION</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
0	DMM8690E	TRACKING ROLL ASSEMBLY
1	DMM8372E-B88	10.4" DIA. DEFLECTION ROLL COVERING
2	BRLBBS226801E	BEARING ASSEMBLY W/O ITEM #9
3	BRLBBS226801	BEARING ASSEMBLY
4	BRLBBY410617	BEARING HOUSING
5	22213CCK/W33	TAPERED BORE SPHERICAL ROLLER BEARING
6	SNW13-2-3/16"	TAPERED ADAPTER ASSEMBLY
7	BRLBLB6935-3T	T-LIP SEAL
8	V55-A	NEOPRENE V-RING SEAL
9	BRLBTD-LB6932-4	FIXING RINGS
10	5000	LUBE FITTING 1/8" NPT
11	BRLBBS226191	PIPE PLUG 1/8" NPT
12	933SXM12x70	HEX BOLT M12 x 70
13	125SXM12	FLAT WASHER M12
14	127SXM12	LOCK WASHER M12
15	551SXM10x12	SET SCREW M10 x 12



VIEW B-B

BEARING ASSY SHOWN ONLY



VIEW A-A

BEARING ASSY SHOWN ONLY

114/2
TRACKING ROLL
ASSEMBLY

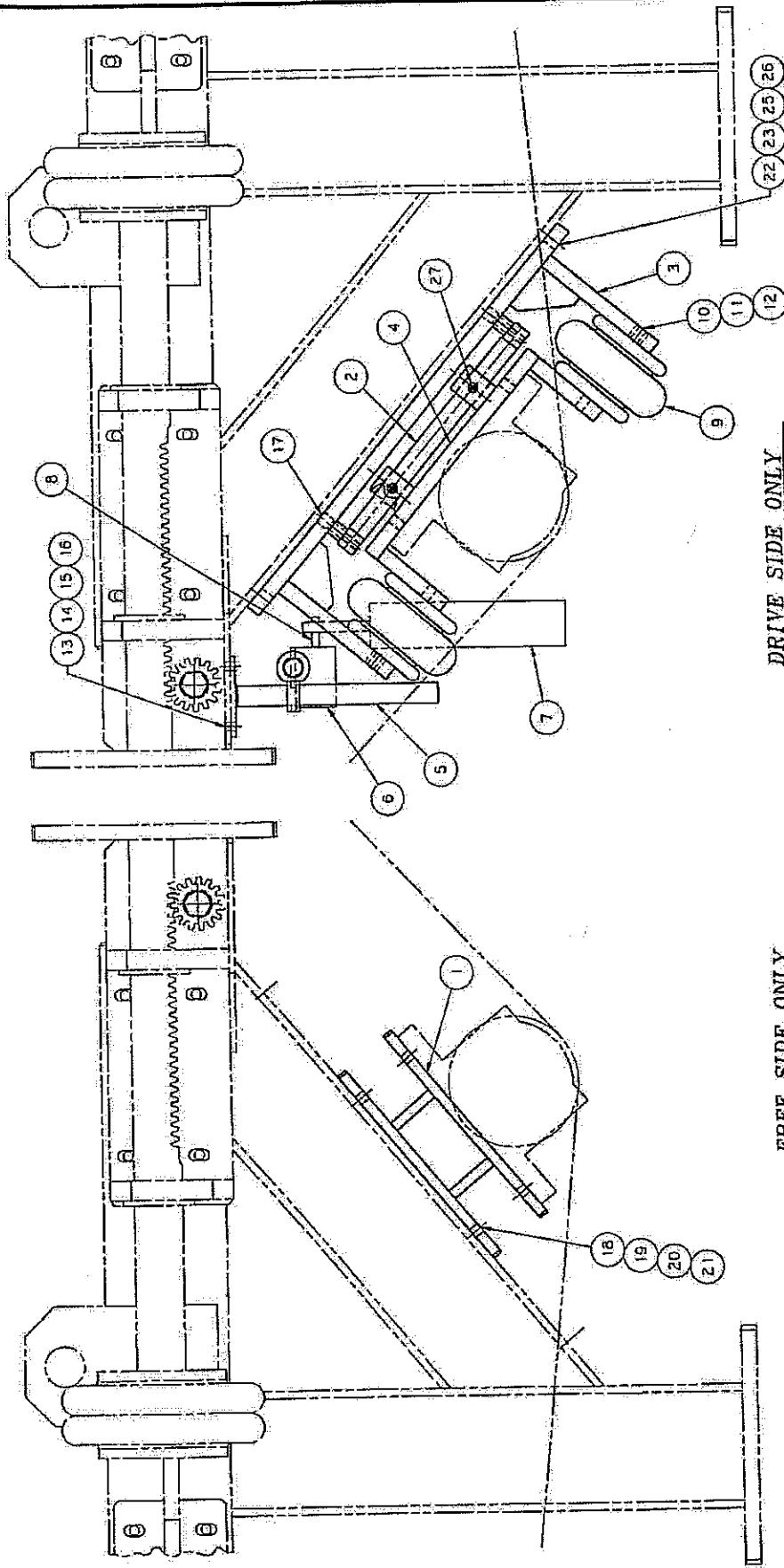


DWG. NO. 1
ANDRITZ
AUTUMER, INC.
DMMB690E-B80

TRACKING ROLL ASSEMBLY

DMM8690E

<u>POSITION</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
0	DMM8690E	TRACKING ROLL ASSEMBLY
1	DMM8372E-B80	10.4" DIA. TRACKING ROLL COVERING
2	BRLBBS226801E	BEARING ASSEMBLY W/O ITEM #9
3	BRLBBS226801	BEARING ASSEMBLY
4	BRLBBY410617	BEARING HOUSING
5	22213CCK/W33	TAPERED BORE SPHERICAL ROLLER BEARING
6	SNW13-2-3/16"	TAPERED ADAPTER ASSEMBLY
7	BRLBLB6935-3T	T-LIP SEAL
8	V55-A	NEOPRENE V-RING SEAL
9	BRLBTD-LB6932-4	FIXING RINGS
10	5000	LUBE FITTING 1/8" NPT
11	BRLBBS226191	PIPE PLUG 1/8" NPT
12	933SXM12x70	HEX BOLT M12 x 70
13	125SXM12	FLAT WASHER M12
14	127SXM12	LOCK WASHER M12
15	551SXM10x12	SET SCREW M10 x 12



DRIVE SIDE ONLY

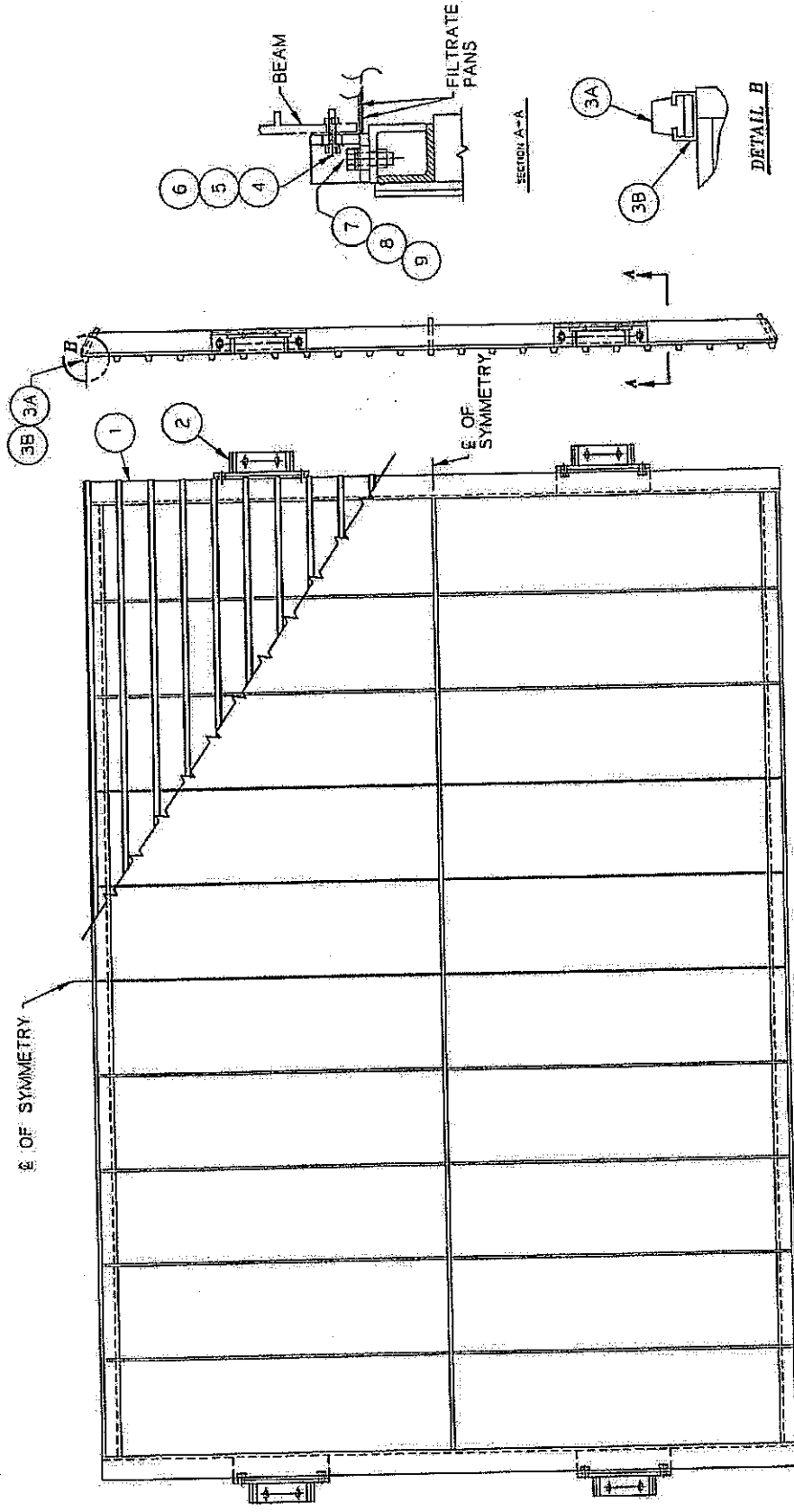
FREE SIDE ONLY

	TRACKING DEVICE ASSEMBLY	DMM8481D
	DWG. NO. 1	DWG. NO. 2
	RUTHNER, INC.	

TRACKING DEVICE ASSEMBLY

DMM8481E

<u>POSITION</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
0	DMM8481D	TRACKING DEVICE ASSEMBLY
1	DMM8255C	FREE SIDE BEARING MOUNT
2	DMM9086B-01-XL	YOKE SLIDE SHAFT
3	DMM8483C	TRACKING DEVICE BASE
4	DMM9085C	TRACKING DEVICE BEARING YOKE
5	DMM9495C	LOWER TRACKING VALVE STAND ASSEMBLY
6	E260	JUD - AUTOMATIC CONTROL VALVE
7	E261	JUD - SENSOR PALM
8	E262	JUD - SENSOR PALM ARM
9	AY131	AIR BELLOWS
10	1821CX0.4x1.5	HEX BOLT 3/8" - 16 x 1-1/2" LG.
11	18211X0.4	LOCK WASHER 3/8"
12	18221X0.4	FLAT WASHER 3/8"
13	933SXM10x30	HEX BOLT M10 x 30
14	125SXM10	FLAT WASHER M10
15	127SXM10	LOCK WASHER M10
16	934SXM10	HEX NUT M10
17	6912SXM10x45	LOW HEAD SOCKET CAP SCREW M10 x 45
18	933SXM12x35	HEX BOLT M12 x 35
19	125SXM12	FLAT WASHER M12
20	127SXM12	LOCK WASHER M12
21	934SXM12	HEX NUT M12
22	933SXM16x60	HEX BOLT M16 x 60
23	125SXM16	FLAT WASHER M16
24	9021SXM16	FLAT WASHER M16 (OVERSIZED OD)
25	127SXM16	LOCK WASHER M16
26	934SXM16	HEX NUT M16
27	5000	GREASE ZERT 1/8" NPT



NAME: GRID ASSEMBLY

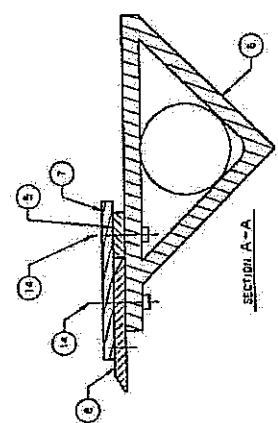
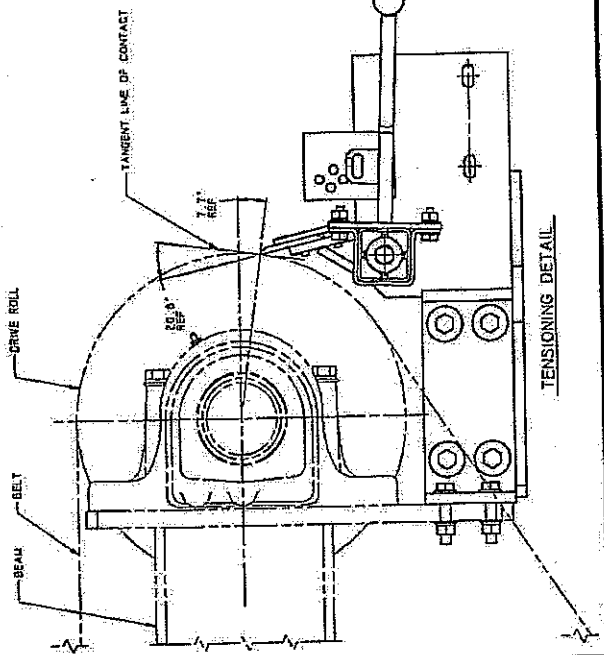
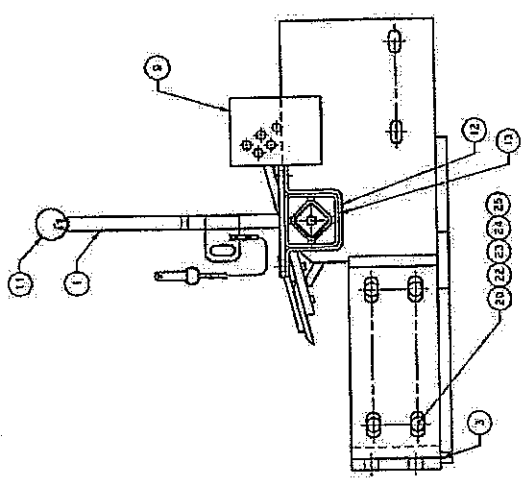
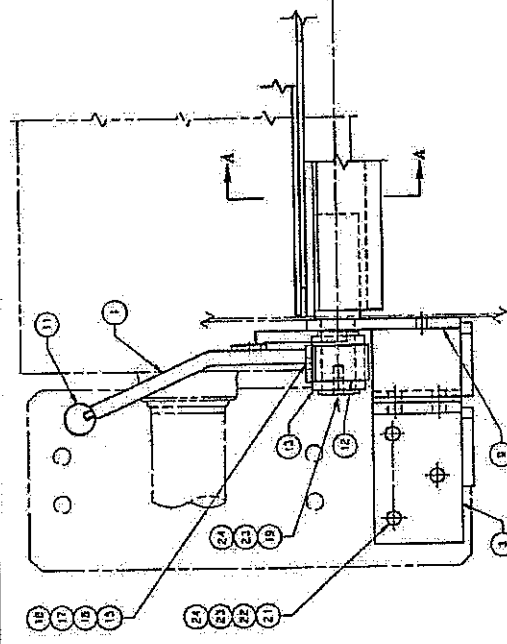
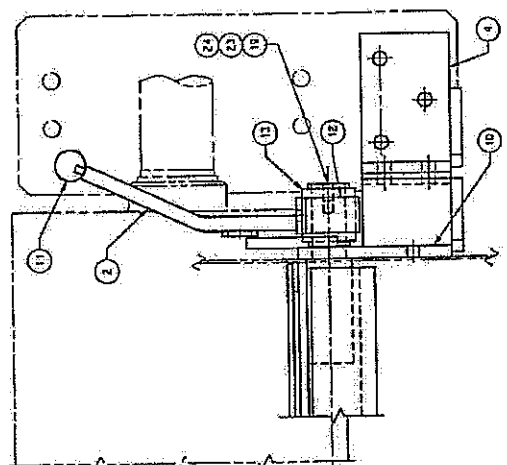
DWG. NO.: DMM8375E



GRATING ASSEMBLY

DMM8373E

<u>POSITION</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
0	DMM8375E	GRATING ASSEMBLY
1	DMM8376E	GRID ASSEMBLY
2	DMM8381C	GRID BRACKET
3	GDGR1100-144	FLAT FACE GUIDE
4	933SXM10x50	HEX BOLT M10 x 50
5	9021SXM10	FLAT WASHER M10 (OVER SIZED OD)
6	127SXM10	LOCK WASHER M10
7	933SXM16x50	HEX BOLT M16 x 50
8	125SXM16	FLAT WASHER M16
9	127SXM16	LOCK WASHER M16

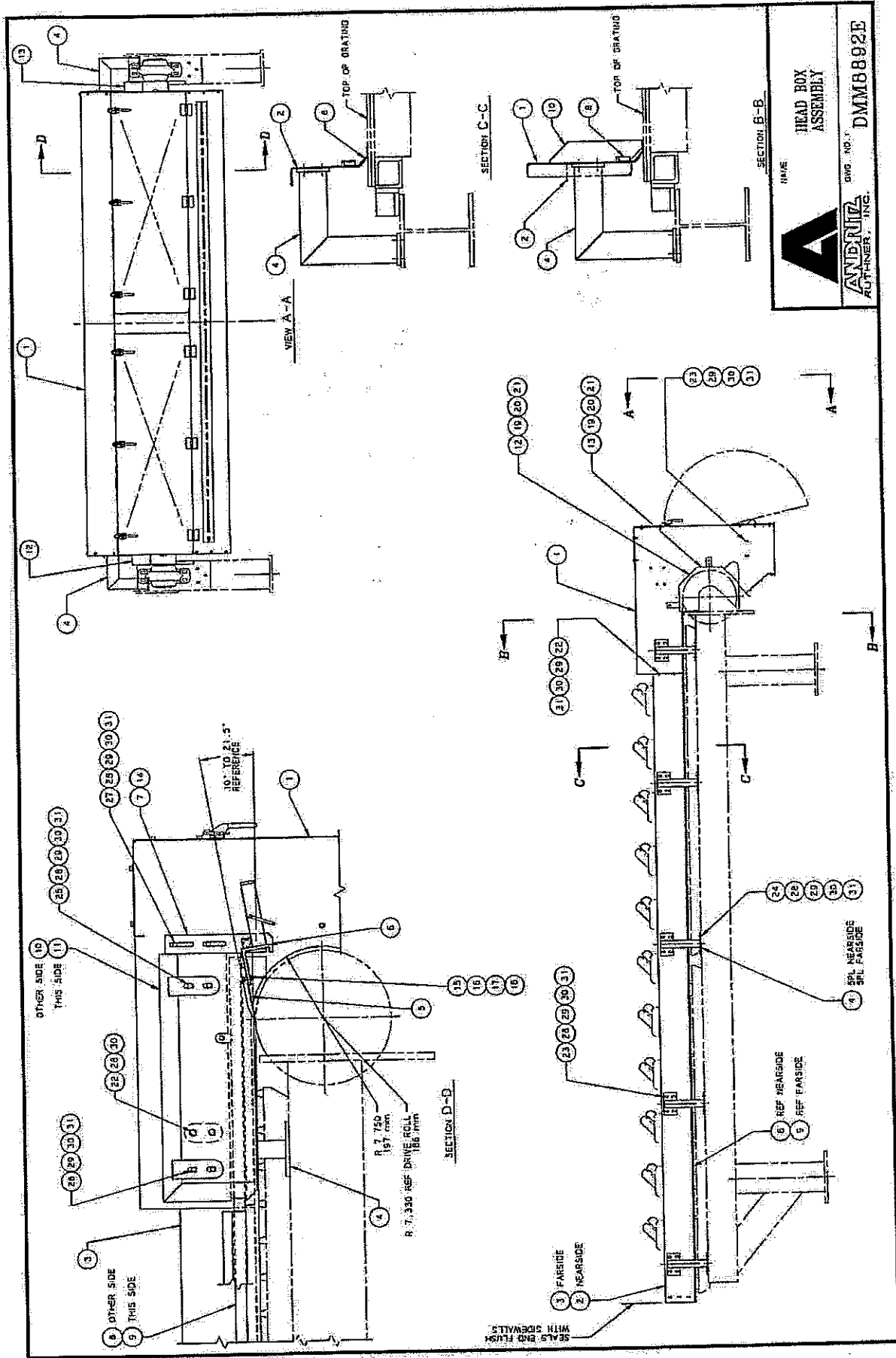



ANDRITZ
 ALTMANN & CO. INC.
 NAME DRIVE ROLL
 DOCTOR ASSEMBLY
 DWG. NO. 1 DMM88836E

DRIVE ROLL DOCTOR ASSEMBLY

DMM8836E

<u>POSITION</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
0	DMM8836E	DRIVE ROLL DOCTOR ASSEMBLY
1	DMM8408C	HANDLE ASSEMBLY (RH)
2	DMM8409C	HANDLE ASSEMBLY (LH)
3	DMM8634C	BRACKET ASSEMBLY (RH)
4	DMM8635C	BRACKET ASSEMBLY (LH)
5	DMM8697C-XL	DOCTOR RETAINER
6	DMM8837C	DOCTOR ANGLE ASSEMBLY
7	DMM8838D-01-XL	DOCTOR CLEAT
8	DMM8839C	DOCTOR BLADE
9	DMM8840C	PLATE ASSEMBLY (RH)
10	DMM8841C	PLATE ASSEMBLY (LH)
11	HL6046K19	KNOB, BLACK PLASTIC 1-3/8" DIA. BALL
12	CLAMP101005	LOVEJOY-ROSTA TYPE BR38
13	RSU38x60	LOVEJOY-ROSTA RUBBER SUSPENSION UNIT
14	7991SXM08x25	FLAT HEAD SOCKET SCREW M8 x 25
15	933SXM10x30	HEX BOLT M10 x 30
16	125SXM10	FLAT WASHER M10
17	127SXM10	LOCK WASHER M10
18	934SXM10	HEX NUT M10
19	933SXM12x20	HEX BOLT M12 x 20
20	933SXM12x50	HEX BOLT M12 x 50
21	933SXM12x60	HEX BOLT M12 x 60
22	125SXM12	FLAT WASHER M12
23	9021SXM12	FLAT WASHER M12 (OVER SIZED OD)
24	127SXM12	LOCK WASHER M12
25	934SXM12	HEX NUT M12



ANDRITZ
ROTHER, INC.

DWG. NO. 1

DMMB892E

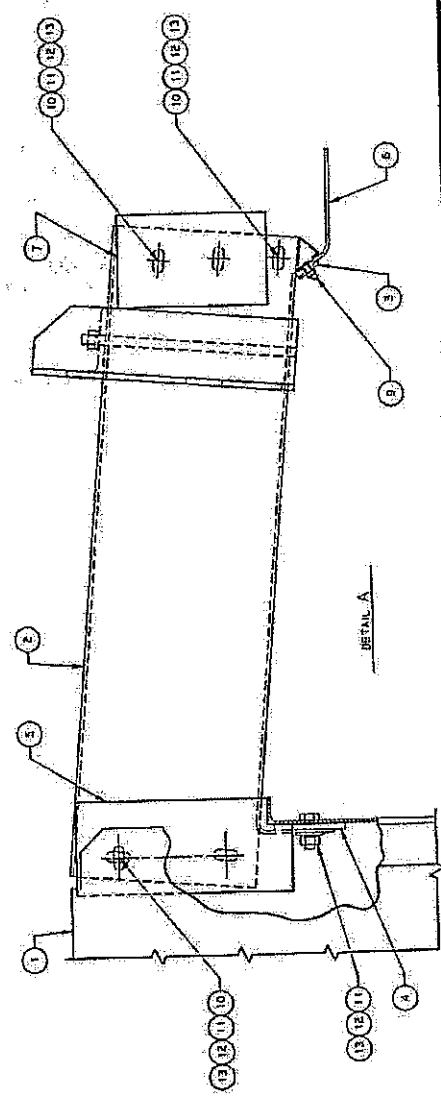
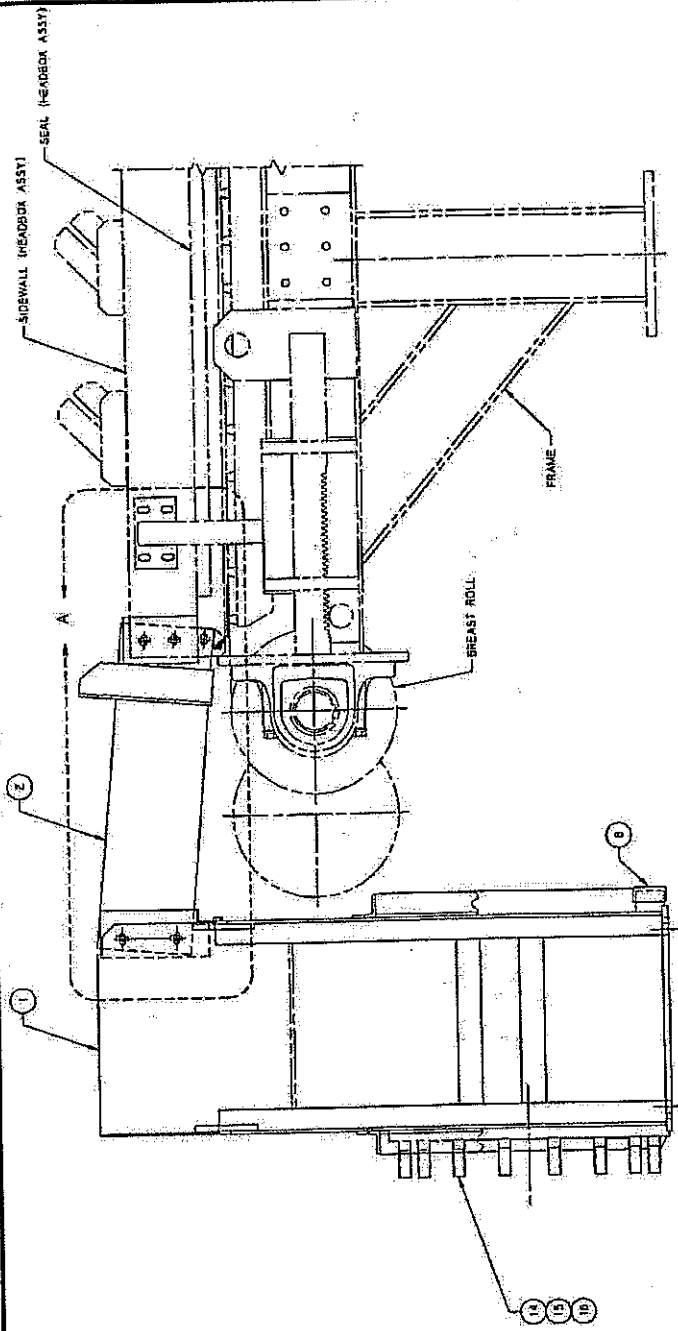
NAME

HEAD BOX ASSEMBLY

HEAD BOX ASSEMBLY

DMM8892E

<u>POSITION</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
0	DMM8892E	HEAD BOX ASSEMBLY
1	DMM8415D	DISCHARGE CHUTE ASSEMBLY
2	DMM8424D	SIDEWALL ASSEMBLY (RH)
3	DMM8425D	SIDEWALL ASSEMBLY (LH)
4	DMM8429D	SIDE BRACKET
5	DMM8430C	PRIMARY DOCTOR BLADE
6	DMM8894C	PRIMARY DOCTOR ANGLE
7	DMM8433C	PRIMARY DOCTOR SUPPORT
8	DMM8434C	SEAL (RH)
9	DMM8450C	SEAL (LH)
10	DMM8435D	BLOCK (RH)
11	DMM8436D	BLOCK (LH)
12	DMM8437D	DRIVE ROLL GUARD (RH)
13	DMM8438D	DRIVE ROLL GUARD (LH)
14	DMM8890C-XL	PRIMARY DOCTOR SUPPORT
15	933SXM06x30	HEX BOLT M6 x 30
16	125SXM06	FLAT WASHER M6
17	127SXM06	LOCK WASHER M6
18	934SXM06	HEX NUT M6
19	933SXM08x20	HEX BOLT M8 x 20
20	125SXM08	FLAT WASHER M8
21	127SXM08	LOCK WASHER M8
22	933SXM10x30	HEX BOLT M10 x 30
23	933SXM10x30	HEX BOLT M10 x 30
24	933SXM10x35	HEX BOLT M10 x 35
25	933SXM10x55	HEX BOLT M10 x 55
26	931SXM10x65	HEX BOLT M10 x 65
27	931SXM10x80	HEX BOLT M10 x 80
28	125SXM10	FLAT WASHER M10
29	9021SXM10	FLAT WASHER M10 (OVER SIZED OD)
30	127SXM10	LOCK WASHER M10
31	934SXM10	HEX NUT M10




ANDRITZ
 RUTHNER, INC.

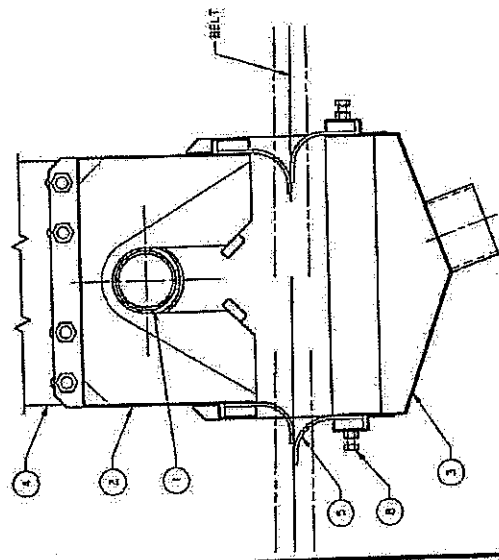
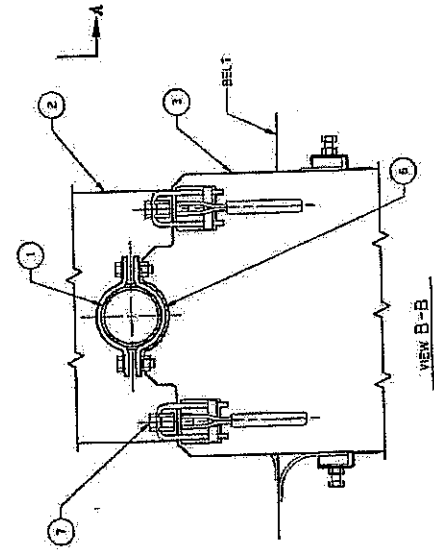
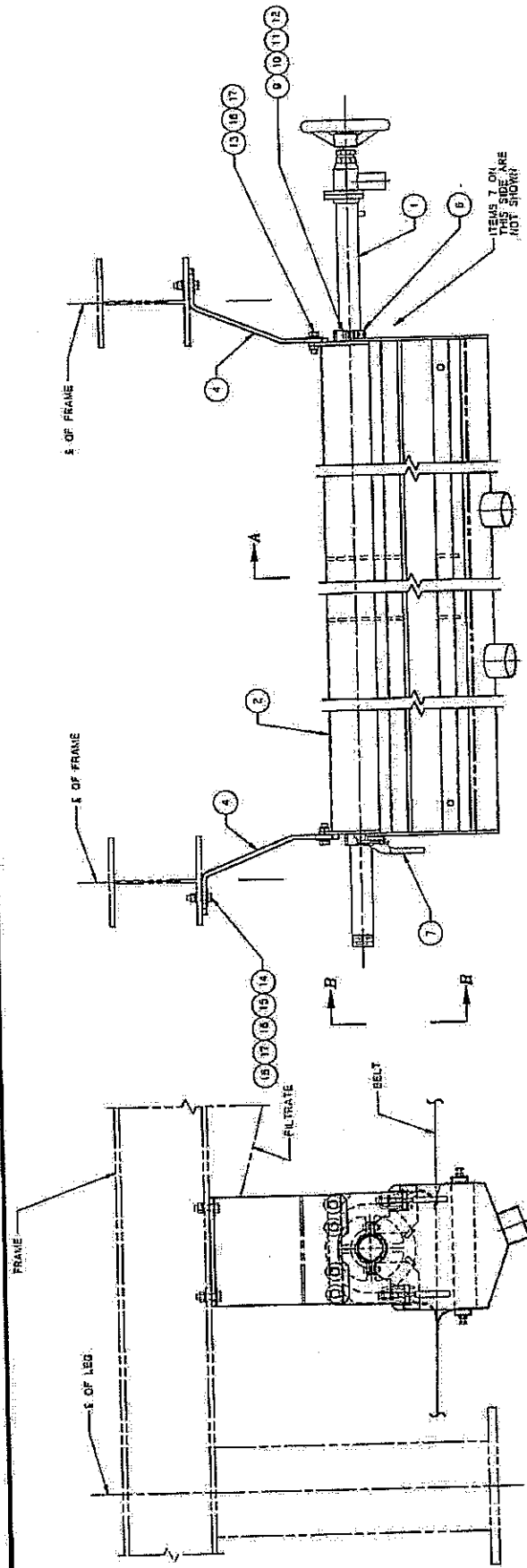
RETENTION TANK/
 CHUTE ASSEMBLY

Dwg. No. 1
 DMM8452E

RETENTION TANK & CHUTE ASSEMBLY

DMM8452E

<u>POSITION</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
0	DMM8452E	RETENTION TANK & CHUTE ASSEMBLY
1	DMM8453E	RETENTION TANK ASSEMBLY
2	DMM8486E	CHUTE ASSEMBLY
3	DMM8487C	CHUTE CLEAT
4	DMM8488C-01	SEAL, TANK
5	DMM8489C-01	SEAL, TANK
6	DMM8490C-01	SEAL, TANK
7	DMM8140C-01	SEAL, TANK
8	PICAT2.0CFN	2" SCH. 40 PIPE CAP
9	963SXM06x20	FLAT HEAD SCREW M6 x 20
10	933SXM10x30	HEX BOLT M10 x 30
11	9021SXM10	FLAT WASHER M10 (OVER SIZED OD)
12	127SXM10	LOCK WASHER M10
13	934SXM10	HEX NUT M10
14	18221X1	FLAT WASHER 1"
15	18211X1	LOCK WASHER 1"
16	1822CX1	HEX NUT 1"-8



NAME: BELT SHOWER ASSEMBLY

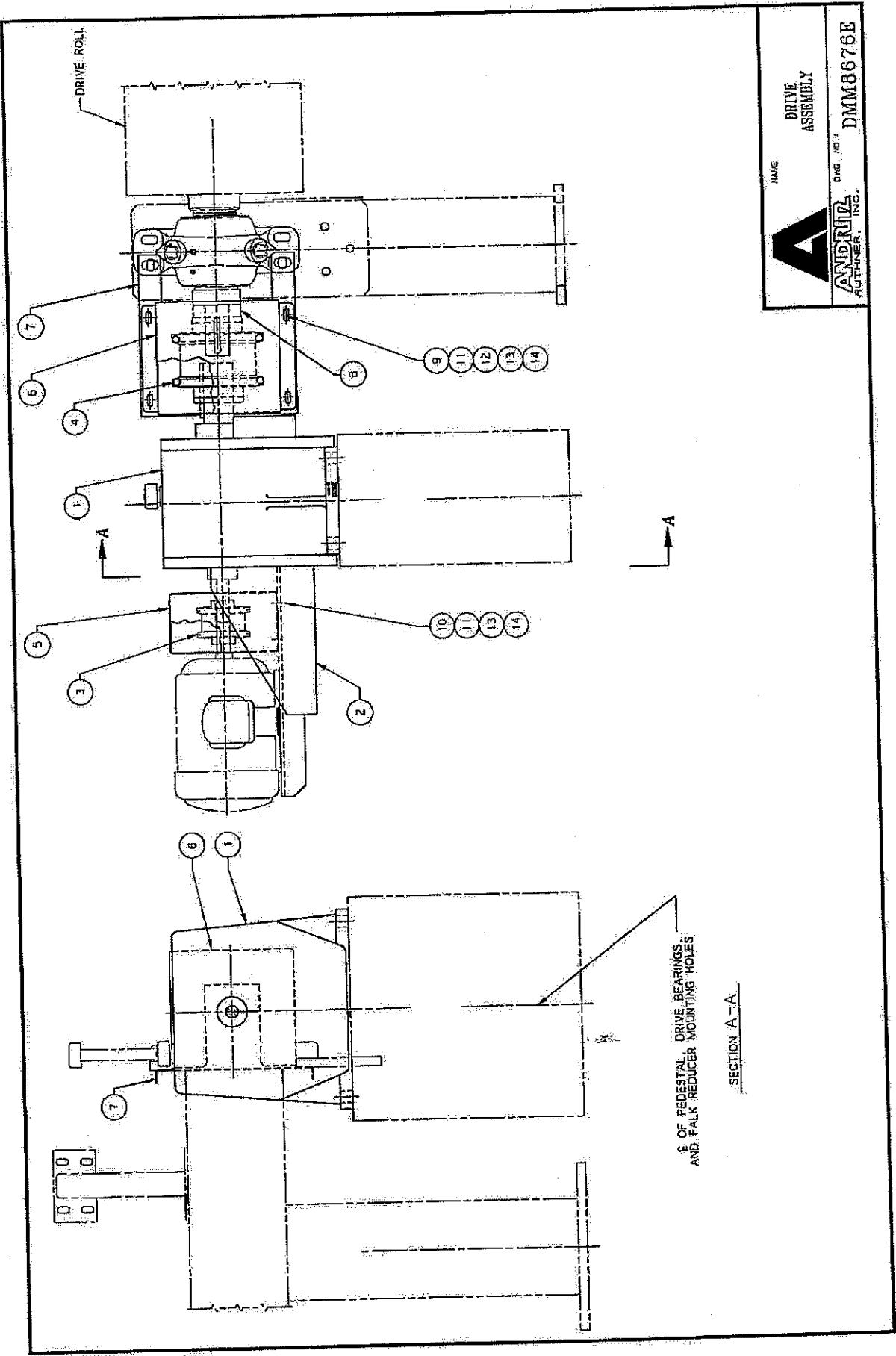
DWG. NO.: DMM8501E

ANDRUITZ AUTHNER, INC.

BELT SHOWER ASSEMBLY

DMM8501E

<u>POSITION</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
0	DMM8501E	BELT SHOWER ASSEMBLY
1	DMM4620B-016	SHOWER PIPE
2	DMM8502E	UPPER SHOWER BOX
3	DMM8503E	LOWER SHOWER BOX
4	DMM8504D-01	SHOWER BRACKET
5	DMM8506C	SEAL, SHOWER
6	DMM8507C-01-XL	SHOWER CLAMP
7	LATC331SS	LATCH ACTION CLAMP
8	933SXM08x16	HEX BOLT M8 x 16
9	933SXM08x30	HEX BOLT M8 x 30
10	125SXM08	FLAT WASHER M8
11	127SXM08	LOCK WASHER M8
12	934SXM08	HEX NUT M8
13	933SXM12x40	HEX BOLT M12 x 40
14	933SXM12x40	HEX BOLT M12 x 40
15	125SXM12	FLAT WASHER M12
16	9021SXM12	FLAT WASHER M12 (OVER SIZED OD)
17	127SXM12	LOCK WASHER M12
18	934SXM12	HEX NUT M12



NAME
A
DRIVE
ASSEMBLY

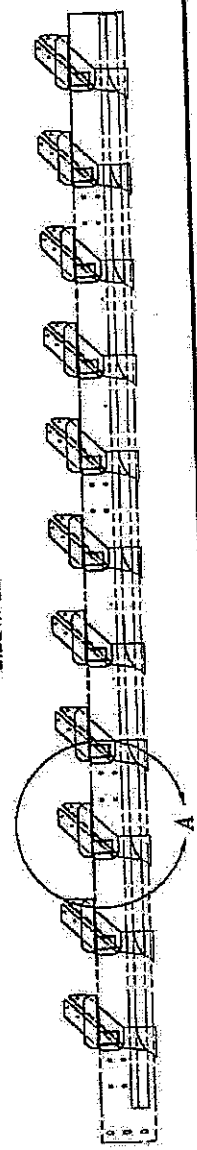
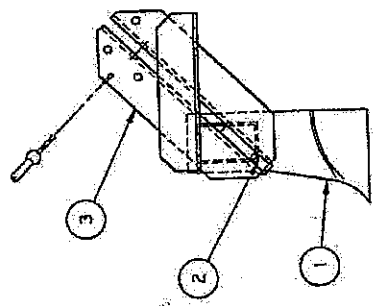
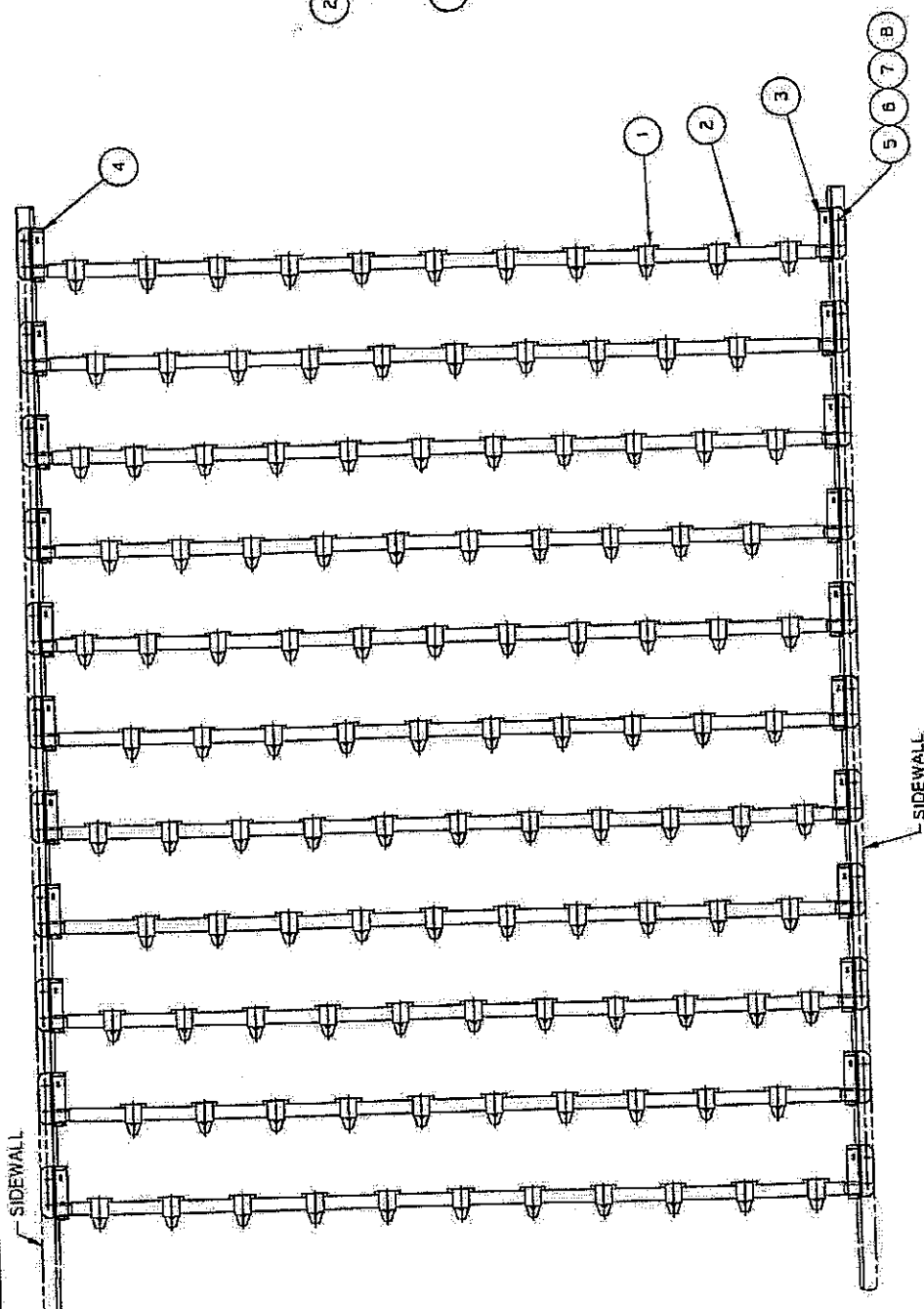
DWG. NO. 1
ANDRUP
FURNER, INC.
DMM8676E

DRIVE ASSEMBLY

DMM8676E

<u>POSITION</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
0	DMM8676E	DRIVE ASSEMBLY
1	*	DRIVE, FALK 1050FZ3
2	*	MOTOR MOUNTING FRAME SUPP. w/ ITEM #1
3	*	HIGH SPEED COUPLING, FALK 1040T10
4	*	LOW SPEED COUPLING, FALK 1080T10
5	DMM8184D-XL	HIGH SPEED COUPLING GUARD
6	DMM8678D-XL	LOW SPEED COUPLING GUARD
7	DMM8679D-XL	GUARD BRACKET
8	DMM8630C	SPACER
9	933SXM08X20	HEX BOLT, M8 X 20
10	933SXM08X25	HEX BOLT M8 x 25
11	125SXM08	FLAT WASHER M8
12	9021SXM08	FLATWASHER, M8
13	127SXM08	LOCKWASHER, M8
14	934SXM08	HEX NUT M8

* - SEE MOTOR DRIVE LIST, PAGE 35.



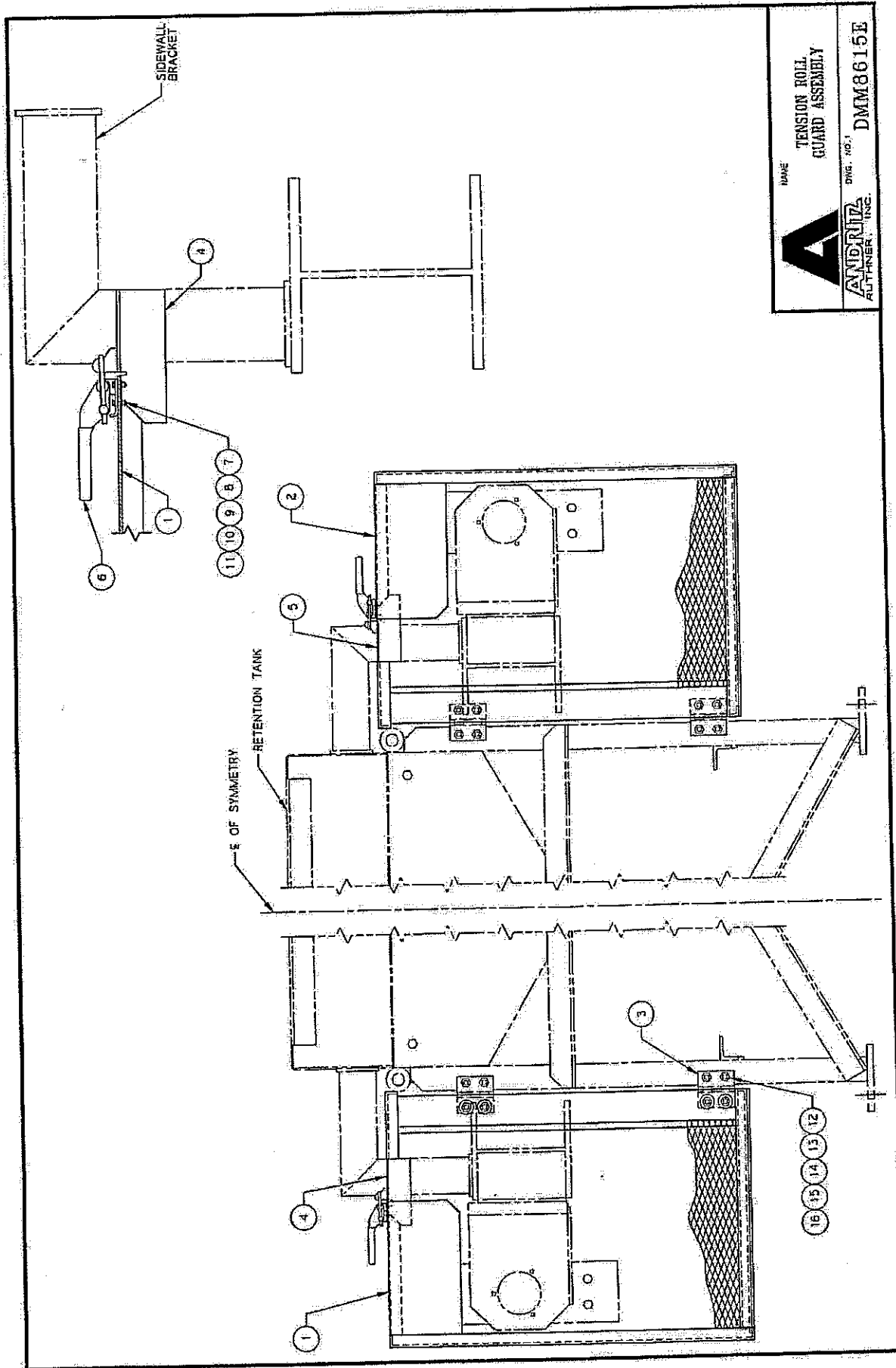

ANDRITZ
 PULP & PAPER
 EQUIPMENT, INC.

NAME: **FLOW CHICANE ASSEMBLY**
 DWG. NO.: **DDM8606E**

FLOW CHICANE ASSEMBLY

DMM8606E

<u>POSITION</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
0	DMM8606E	FLOW CHICANE ASSEMBLY
1	DMM3525D	FLOW CHICANE
2	DMM8609D	SUPPORT BAR ASSEMBLY
3	DMM8607D	SIDE SUPPORT BRACKET (RH)
4	DMM8608D	SIDE SUPPORT BRACKET (LH)
5	933SXM08x25	HEX BOLT M8 x 25
6	125SXM08	FLAT WASHER M8
7	127SXM08	LOCK WASHER M8
8	934SXM08	HEX NUT M8




ANDRITZ
 RUTHNER, INC.

NAME: TENSION ROLL
 GUARD ASSEMBLY
 Dwg. NO.: DMM8615E

TENSION ROLL GUARD ASSEMBLY

DMM8615E

POSITION

PART NO.

DESCRIPTION

0	DMM8615E	TENSION ROLL CHUTE ASSEMBLY
1	DMM8616E	GUARD FRAME ASSEMBLY (RH)
2	DMM8617E	GUARD FRAME ASSEMBLY (LH)
3	DMM8593C-O1	HINGE
4	DMM8594C	GUARD ANGLE
5	DMM8595C	GUARD ANGLE
6	LATC331SS	LATCH ACTION CLAMP
7	933SXM06x25	HEX BOLT M6 x 25
8	125SXM06	FLAT WASHER M6
9	9021SXM06	FLAT WASHER M6 (OVER SIZED OD)
10	127SXM06	LOCK WASHER M6
11	934SXM06	HEX NUT M6
12	933SXM10x30	HEX BOLT M10 x 30
13	125SXM10	FLAT WASHER M10
14	9021SXM10	FLAT WASHER M10 (OVER SIZED OD)
15	127SXM10	LOCK WASHER M10
16	934SXM10	HEX NUT M10
17	TUHST.25T-T24LP	THERMOPLASTIC HOSE
18	TUBCT.12FN.25T	BULKHEAD FEMALE CONNECT
19	TUCOT.25T.12MN	CONNECTOR, MALE

INTERCONTINENTAL/FITCHBURG

#692-639

3.0m GRAVITY BELT THICKENER MOTOR DRIVE LIST

MAIN BELT DRIVE:

REDUCER: BY ANDRITZ

RDCR-5-24
FALK HORIZONTAL CONCENTRIC SHAFT MOTOR REDUCER
WITH MOTOR MOUNT SCOOP
TYPE: 52-1050FZ3
GEAR RATIO: 47.08:1
OUTPUT RPM: 37 @ 1750 RPM INPUT
BELT SPEED RANGE: 40 TO 170 FPM
AGMA II RATED

MOTOR: BY CUSTOMER

5 HP, 1750 RPM, 575 VAC, 3 PHASE, 60 HZ, FOOT MOUNTED, 184T FRAME,
1.15 SERVICE FACTOR, TEFC, NEMA DESIGN B, CLASS F INSULATION, 40 °C AMBIENT
CONTINUOUS DUTY, CORROSIVE DUTY, ENERGY EFFICIENT

HIGH SPEED COUPLING:

CPLG-FLEX-93
ATRA FLEX A-1
BORE 1.625" REDUCER SIDE
BORE 1.125" MOTOR SIDE

LOW SPEED COUPLING:

CPLG-FLEX-94
ATRA FLEX A-4
BORE 2.0" MACHINE SIDE
BORE 2.5" REDUCER SIDE

VFD: BY CUSTOMER

5 HP, 575 VAC 3 PHASE IN AND OUT, CONSTANT TORQUE,
ENCLOSURE RATED FOR THE LOCATION OF INSTALLATION, 15 TO 80 HZ RANGE

RECOMMENDED SPARE PARTS LIST
FOR
ANDRITZ 3.0m GRAVITY BELT THICKENER
JOB NO.: 692-639

<u>DESCRIPTION</u>	<u>PART NO.</u>	<u>QUANTITY</u>
<u>BELT:</u>		
TOP	I124X4556093C	1
<u>HEAD BOX SEALS:</u>		
SIDE WALL-RH	DMM8434C	1
SIDE WALL-LH	DMM8450C	1
INLET WALL	DMM8490C-01	1
<u>SHOWER SEAL:</u>		
	DMM8506C	4
<u>DOCTOR BLADES:</u>		
DRIVE ROLL	DMM8839C	1
HEADBOX	DMM8430C	1
<u>WEAR STRIPS:</u>		
GRAVITY ZONE (TOTAL)	GDGR1100-144	92
<u>DRIVE ROLL BEARING ASSEMBLY:</u>		
BEARING	22218CCK/W33	1
V-RING		1
FIXING RING	BRLBTD-LB6852-4	1
T-LIP SEAL	BRLBLB6851-3T	1
BEARING HOUSING (THRU)	BRLBBY410620	1
BEARING HOUSING (CLOSED)	BRLBBY410619	1
<u>TENSION ROLL BEARING ASSEMBLY:</u>		
BEARING	22218CCK/W33	1
V-RING	V80-A	1
FIXING RING	BRLBTD-LB6852-4	1
T-LIP SEAL	BRLBLB6935-3T	1
BEARING HOUSING	BRLBBY410619	1
<u>DEFLECTION/TRACKING ROLL BEARING ASSEMBLY:</u>		
BEARING	22213CCK/W33	1
V-RING	V55-A	1
FIXING RING	BRLBTD-LB6932-4	1
T-LIP SEAL	BRLBLB6851-3T	1
BEARING HOUSING	BRLBBY410617	1
<u>AIR BELLOWS:</u>		
BELT TRACKING	AY131	1
BELT TENSION	AB-22-7180	1
<u>BELT REGULATING:</u>		
CONTROL VALVE	E260	1
CONTROL VALVE ARM	E262	1
CONTROL VALVE PADDLE	E261	1