

SCA TISSUE-N. AMERICA

FLAGSTAFF, ARIZONA

Operation & Maintenance Manual

D3LC30CHP Decanter Centrifuge

By

ANDRITZ-Ruthner, Inc.

Job # 681-1098

FACTORY:

ANDRITZ-Ruthner, Inc.
1010 Commercial Blvd. So.
Arlington, TX 76001

SPARE PARTS AND SERVICE:

Contact: Fritz Rabler / Mondo Alvarado
Phone: 817-465-5611
Fax: 817-472-8589
E-Mail: fritzrabler@andritz-arl.com

IMPORTANT

This manual should be read in its entirety before attempting to install, operate or repair the equipment supplied by ANDRITZ. At least one copy must be kept in area of equipment installation and available to operators & maintenance personnel. Failure to follow the instructions contained herein could result in invalidation of warranties or injury to personnel.

This manual is the confidential and proprietary information of ANDRITZ Ruthner. Any party accepting receipt of this manual does so on the express understanding and agreement that it will neither copy, reproduce, disclose to third parties or use this manual for any purpose other than those expressly agreed to by ANDRITZ Ruthner in writing. Such party also agrees to indemnify Andritz Ruthner against any losses or damages suffered by Andritz Ruthner as a result of such parties improper reproduction, disclosure or use of this manual.

DRIVES

Scroll Drive Motor:

Type:	Baldor
Speed:	ECP3774T-4-M24A
Voltage:	1760 RPM
H. Power:	460 VAC
Frequency:	10 Hp
	60 Hz

Bowl Drive Motor:

Type:	BALDOR
Speed:	ECP4104T-4-M24A
Voltage:	1780 RPM
H. Power:	460 V
Frequency:	30 Hp
	60 Hz

BELTS

Type:	"V" Belt - SPB 1900 nb4
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STARTING:

Variable Frequency Drive (VFD)

1.1 TECHNICAL SPECIFICATIONS**MACHINE TYPE:**

Nominal Absolute Speed:
Maximum Safety Absolute Speed:
Maximum Sludge Density:
Relative Speed Range:

D3LC30CHP
3500 rpm
4000 rpm
1.2
0 to 15 rpm

MATERIALS

Bowl:
Scroll:
Tile Assembly:
BOWL in contact with product:
SEALS in contact with product:
Protective Cover
De-aerator Vent

316L SS
316L SS
CS3
316L SS
Buna-N Rubber
Fiberglass and resin
316L

SPEED REDUCER

Cyclo Size/Ratio:
Lubrication:

ZS 218/87
BP PREP 00 grease

REDEX PULLEY

TYPE:
Reduction:
Lubrication:

SR20-3
K=2
oil / Mobil SHC 629

LEVEL ADJUSTMENT:

Level Adjustment Plates:
Conical Bowl Overflow:

164 to 264 mm
216 mm

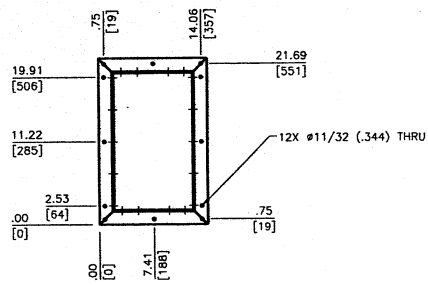
BELTS

SPB 1900 Nb qty. 4

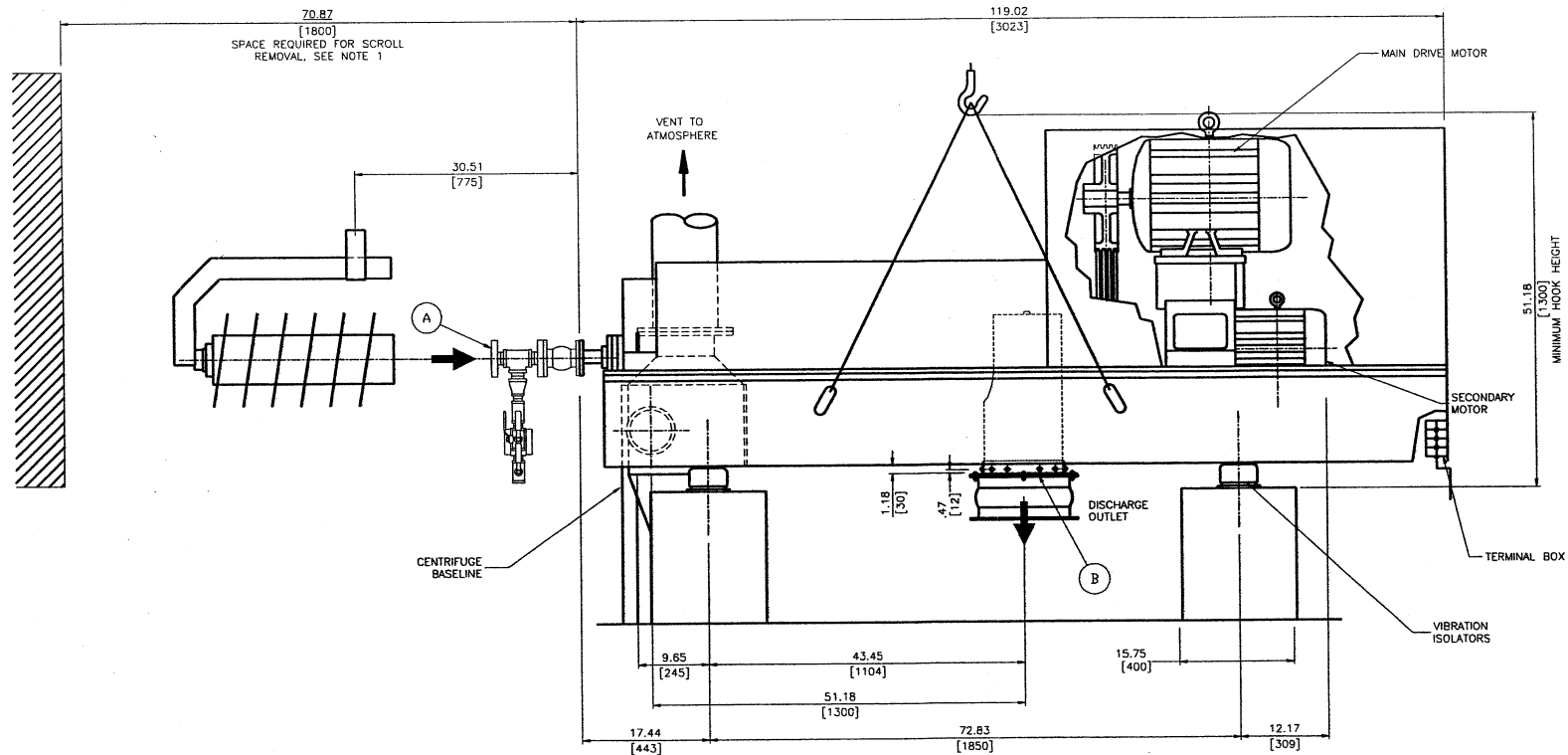
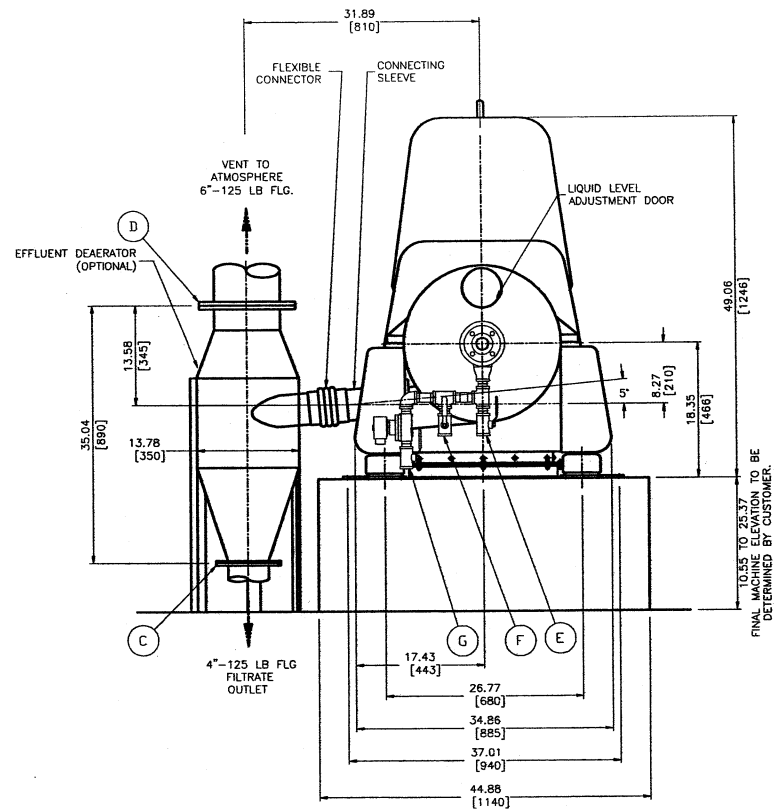
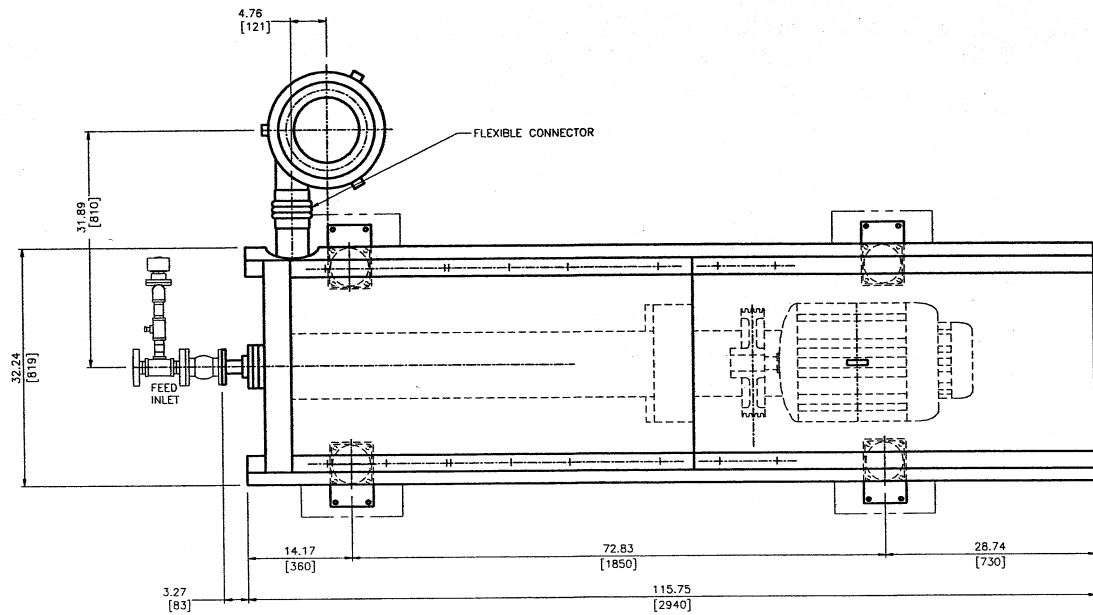
TOTAL DRY WEIGHT:

3822 LBS

PIPING CONNECTIONS		
PORT	SIZE	DESCRIPTION
A	1-1/2"-150 LB ANSI FLANGE	FEED INLET
B	RECTANGULAR 10.81" X 18.44"	SOLIDS DISCHARGE
C	4"-125 LB ANSI FLANGE	FILTRATE OUTLET
D	6"-125 LB ANSI FLANGE	VENT
E	1" NPT	SLUDGE SAMPLE
F	1" NPT	WASHWATER CONNECTION
G	1" NPT	POLYMER CONNECTION



PORT B
FLANGE CONNECTION



NOTES:

- ALL PIPING TO AND FROM MACHINE TO BE COMPLETED WITH FLEXIBLE CONNECTIONS.
- SEE FOUNDATION DETAILS FOR DESIGN LOADS AND CONNECTION DETAILS.

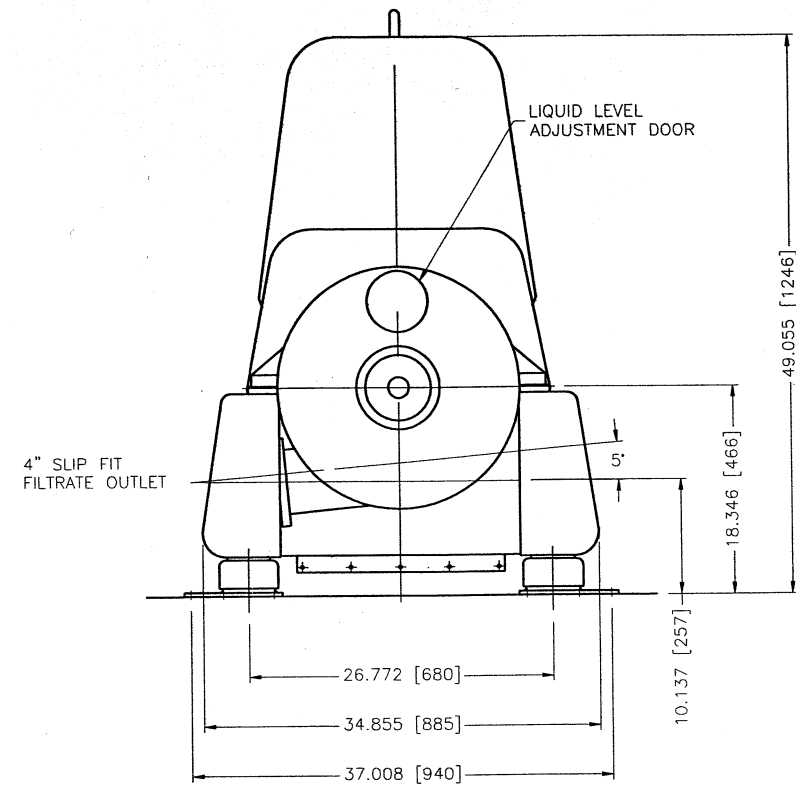
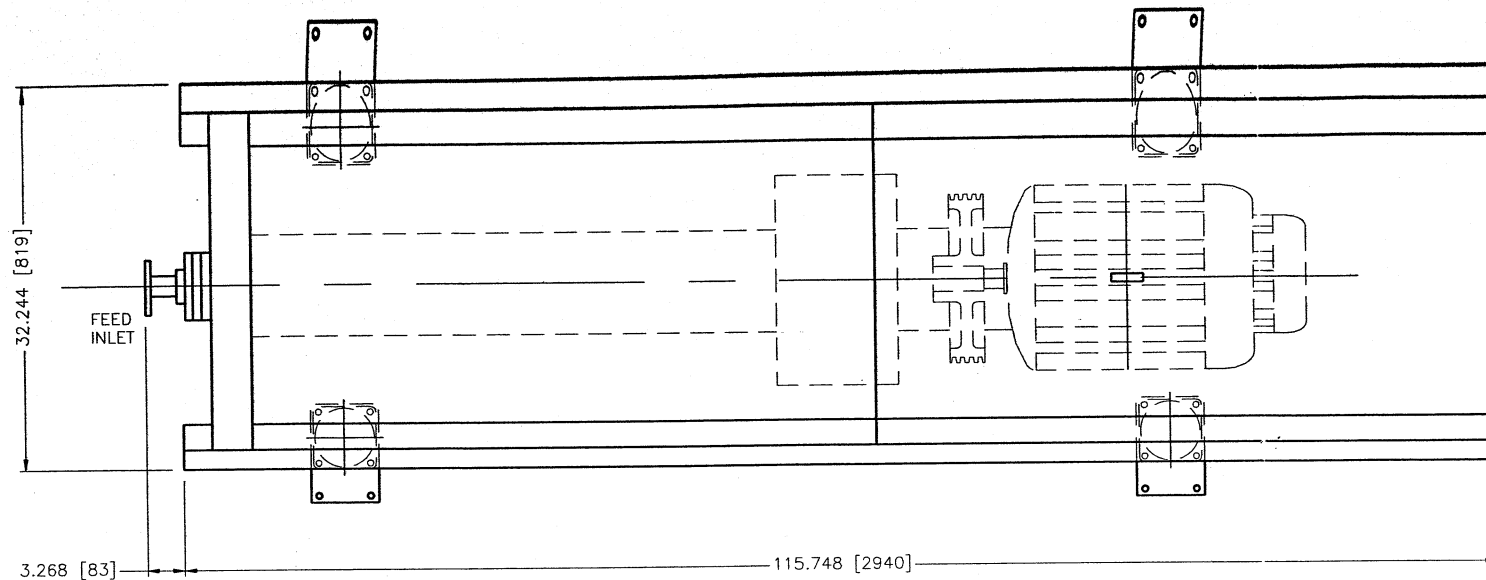
1010 COMMERCIAL BLVD. SOUTH
ARLINGTON, TEXAS 76017
Phone: (817) 485-5611
Telex: (817) 485-5611
FAX: (817) 485-5611
CERTIFIED CORRECT FOR INSTALLATION
BY: BARTOSH DATE: 08/31/01
PROJECT No. 801-1088

ESTIMATED WEIGHT IN LBS.
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
FABRICATION TOLERANCES
XXX.000 ANGLES 1" HOLE .020
MACHINING TOLERANCES
XXX.000 ANGLES 1" HOLE .020
MILL FINISH ALL OVER

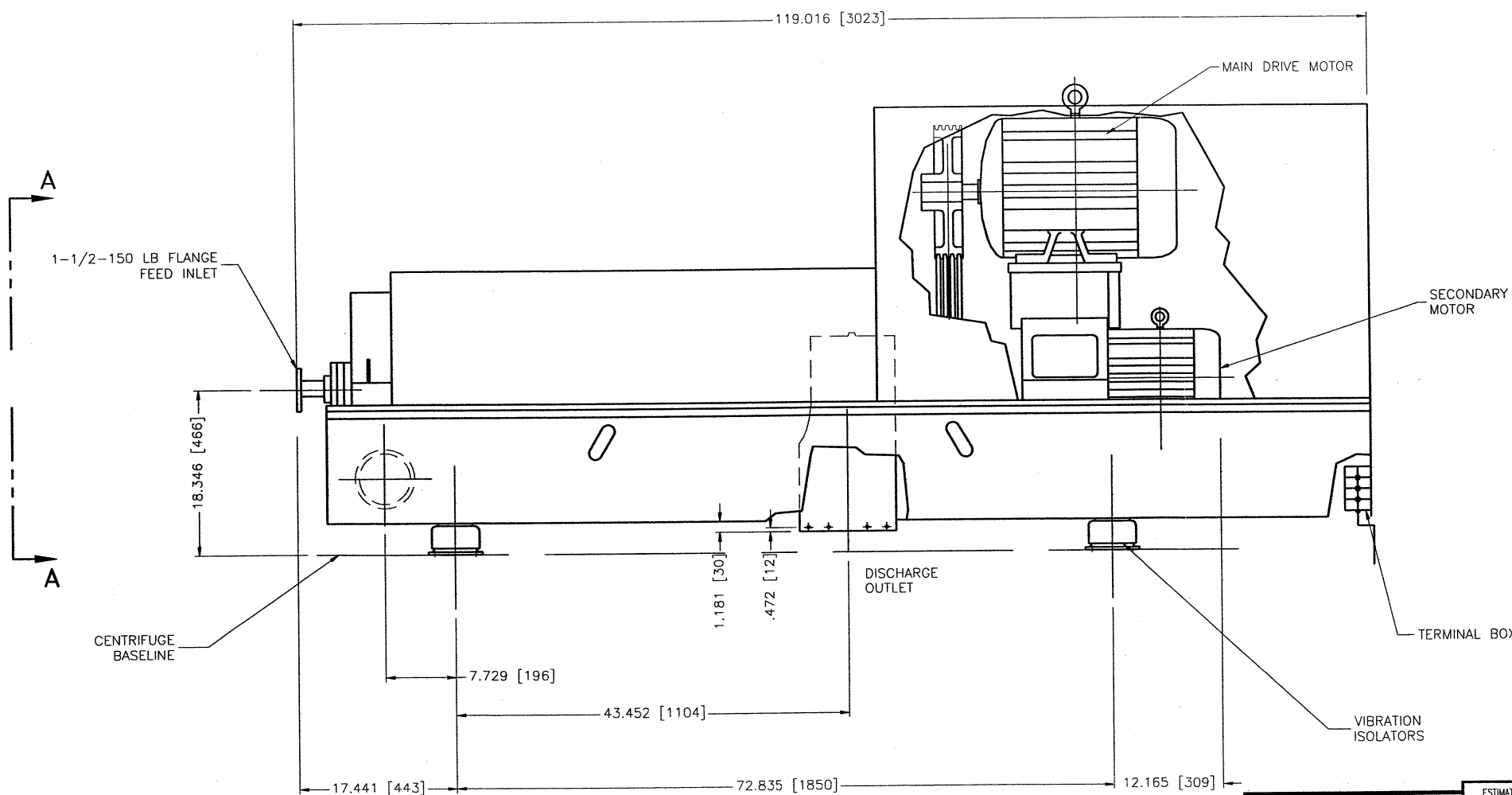
DRAWN BY: SM
DATE: 05/11/01
CHECKED BY: DATE
APPROVED BY: DATE
THIRD ANGLE PROJECTION

ANDRITZ-ROTHNER, INC.
1010 COMMERCIAL BLVD. SOUTH
ARLINGTON, TEXAS 76001
PHONE: (817) 485-5611

TITLE
D3L CENTRIFUGE
GENERAL ARRANGEMENT
SIZE
DRAWING NUMBER
E M6811098-21
SCALE
1/8" = 1'-0"
SHEET 1 OF 1



VIEW A-A



REV	EIR	REVISION	BY	APVD	DATE
1		CERTIFIED	TB	JB	08/31/01

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PROJECT No. 681-1098

THESE DWGS. REFLECT CUSTOMER'S CHANGES
AND APPROVAL ON PREVIOUS DWG. TRANSMITTALS

ESTIMATED WEIGHT IN LBS:
DRAWN BY: SM
DATE: 05/11/01
CHECKED BY: DATE
APPROVED BY: DATE

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

FABRICATION TOLERANCES
.XXX±.040 ANG±1° HOLE±.020

MACHINING TOLERANCES
.XXX±.005 ANG±.5° HOLE±.020

MILL FINISH ALL OVER

THIRD ANGLE PROJECTION

ANDRITZ

ANDRITZ-RUTHNER, INC.
1010 COMMERCIAL BLVD. SOUTH
ARLINGTON, TEXAS 76001
PHONE: (817) 465-5611

TITLE
SCA TISSUE - NORTH AMERICA
D3L CENTRIFUGE
GENERAL ELEVATIONS/PLAN

SIZE
D

DRAWING NUMBER
M6811098-1

SCALE
1/8

FILE
M6811098-1

SHEET 1 OF 1

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