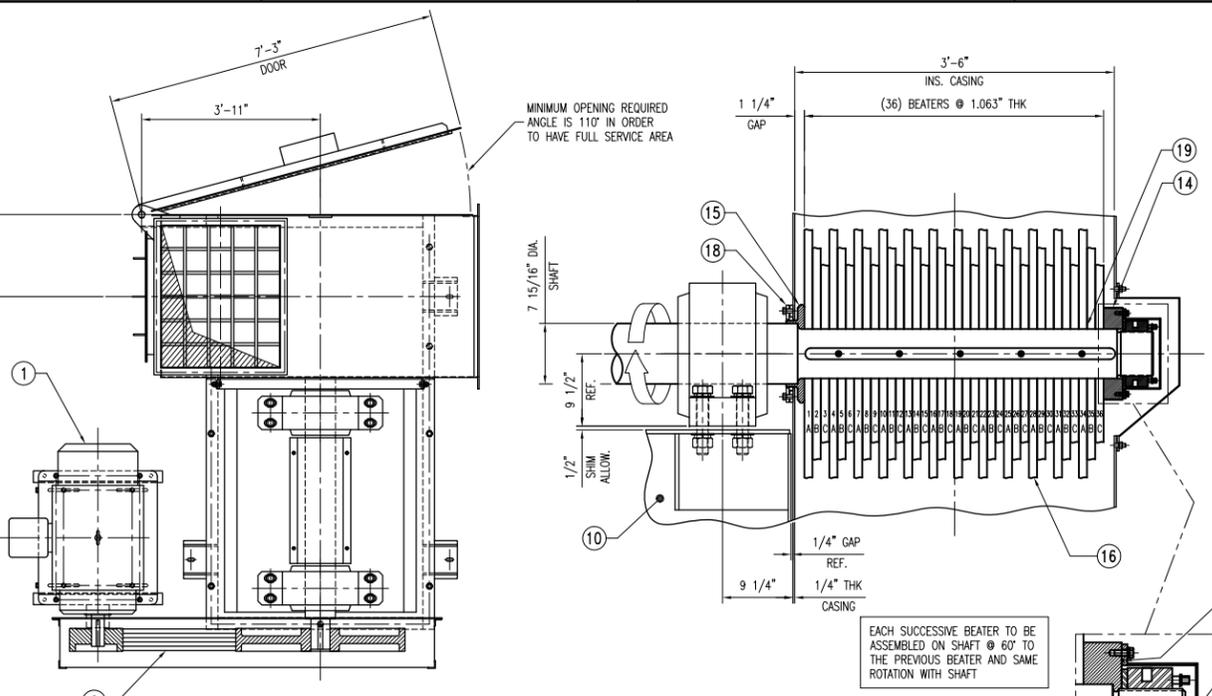
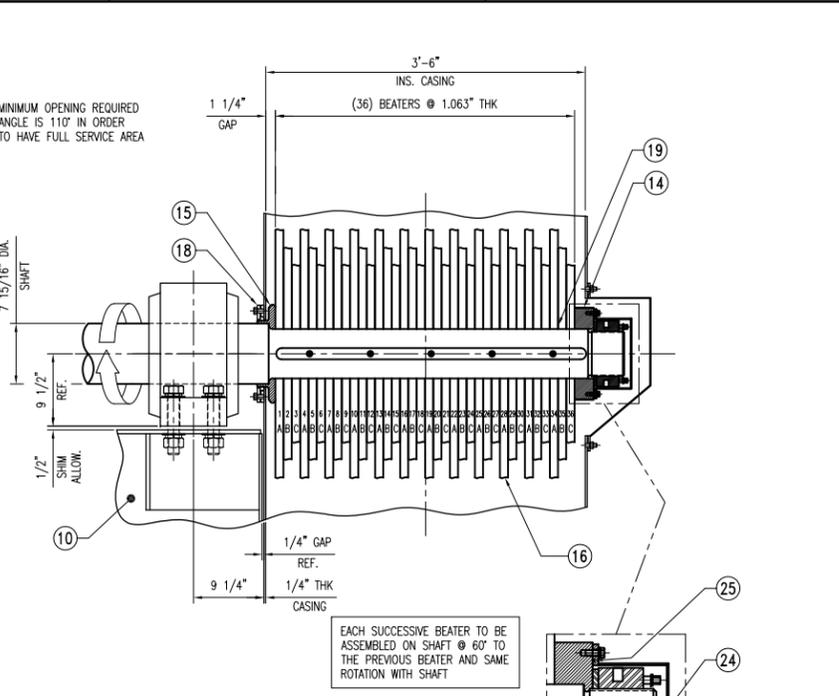


ANCHOR BOLT PLAN



PLAN VIEW



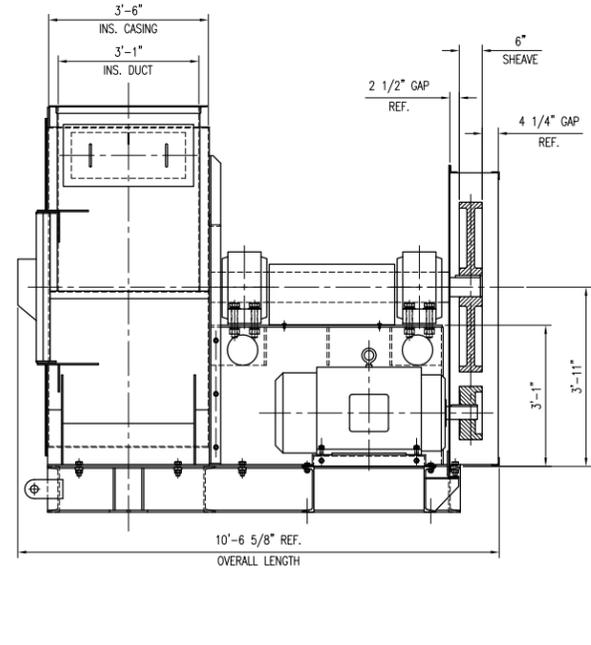
PARTIAL SECTION OF BEATER ASSEMBLY
SCALE: 2x

THIS TABLE TO BE FILLED BY FABRICATOR AND GIVEN TO BRI INSPECTION OR PROJECT ENGINEER PRIOR TO RELEASE FOR SHIPMENT

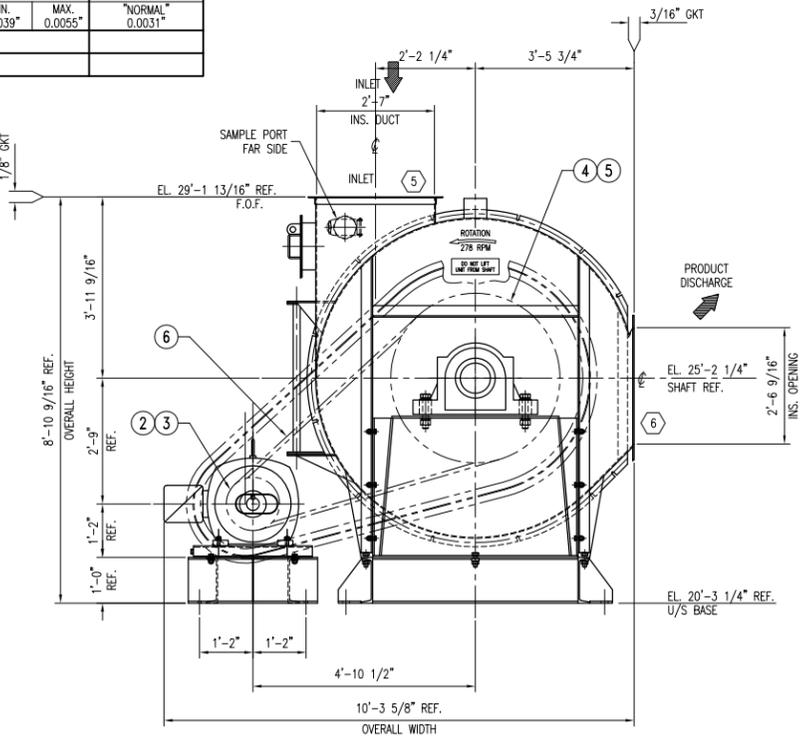
MOUNTING OF SPHERICAL ROLLER BEARINGS						
ITEM CODE	MEASURED	RADIAL INTERNAL CLEARANCE UNMOUNTED		REDUCTION IN RADIAL INTERNAL CLEARANCE		MINIMUM PERMISSIBLE RESIDUAL CLEARANCE "NORMAL" 0.0031"
		MIN. 0.0071"	MAX. 0.0098"	MIN. 0.0039"	MAX. 0.0055"	
7	MEASURED					
8	MEASURED					

BILL OF MATERIAL				
ITEM	QTY	DESCRIPTION	MANUFACTURER	PART No.
* 1	1	ELECTRIC MOTOR 150 HP @ 900 RPM, TEFC, 449T FRAME, 460/3/60 3 3/8" SHAFT DIA., 7/8" SQUARE x 6 7/8" LONG KEY, CONNECTION BOX @ 9 O'CLOCK POSITION (FACING SHAFT), C/W NEMA SLIDING BASE	TECO	T.B.A.
* 2	1	8V V-BELT 5 GROOVES TAPER-LOCK SHEAVE, 14.0" OUT. DIA. 5/8V14.0-4040, FOR #4040 TAPER-LOCK BUSHING ("DRIVER", 107 Lb)	DODGE	110960
* 3	1	TAPER-LOCK BUSHING 4040 WITH 3 3/8" BORE AND 7/8" KW ("DRIVER")	DODGE	117333
* 4	1	8V V-BELT 5 GROOVES TAPER-LOCK SHEAVE, 44.5" OUT. DIA. 5/8V44.5-5050, FOR #5050 TAPER-LOCK BUSHING ("DRIVER", 367 Lb)	DODGE	110047
* 5	1	TAPER-LOCK BUSHING 5050 WITH 5" BORE AND 1 1/4"x1/4" KW ("DRIVEN")	DODGE	117464
* 6	5	D-V WEDGE BELT 8V2240 (C/C DISTANCE 64.2")	DODGE	107207
* 7	1	FLOAT BEARING PILLOW BLOCK, 7 15/16" DIA., C/W GREASE FITTING	SKF	SAF22544/7-15/16
* 8	1	HELD BEARING PILLOW BLOCK, 7 15/16" DIA., C/W GREASE FITTING AND FIXING RING	SKF	SAF22544/7-15/16
9	1	DISINTEGRATOR CASING	FABRICATOR	DISC-11-01
10	1	BEARING PEDESTAL	FABRICATOR	DISC-11-04
11	1	DISINTEGRATOR BASE	FABRICATOR	DISC-11-06
12	1	SHAFT GUARD	FABRICATOR	DISC-11-07
13	1	BELT GUARD	FABRICATOR	DISC-11-07
* 14	1	FRONT SPACER 1'-0" OD x 2 1/2" THK. ST. STL 304L	FABRICATOR	DISC-11-05
* 15	1	REAR SPACER WITH SEAL COLLAR ST. STL 304L	FABRICATOR	DISC-11-05
* 16	1	DISINTEGRATOR SHAFT AND BEATER	FABRICATOR	DISC-11-05
17	1	DISINTEGRATOR DOOR	FABRICATOR	DISC-11-03
18	1	SHAFT SEAL	FABRICATOR	DISC-11-03
* 19	29	BEATER SHIM	FABRICATOR	DISC-11-05
20	8	3/8-16 x 1" LG HEX. HD CAP SCREW, SS18-8 (McMaster-Carr)	FABRICATOR	92240A624
21	8	3/8 SAE FLAT WASHER, SS 18-8 (McMaster-Carr)	FABRICATOR	96659A108
22	8	3/8 HELICAL LOCK WASHER, SS 18-8 (McMaster-Carr)	FABRICATOR	92146A031
* 23	1	TORQUENUT	SUPERBOLT	MT-02383
24	1	TORQUENUT END CAP	FABRICATOR	DISC-11-05
25	1	O-RING-AS568A-272, VITON, 75 DURO, 9.484 ID x 0.139" DIA. McMaster-Carr	FABRICATOR	9464K569

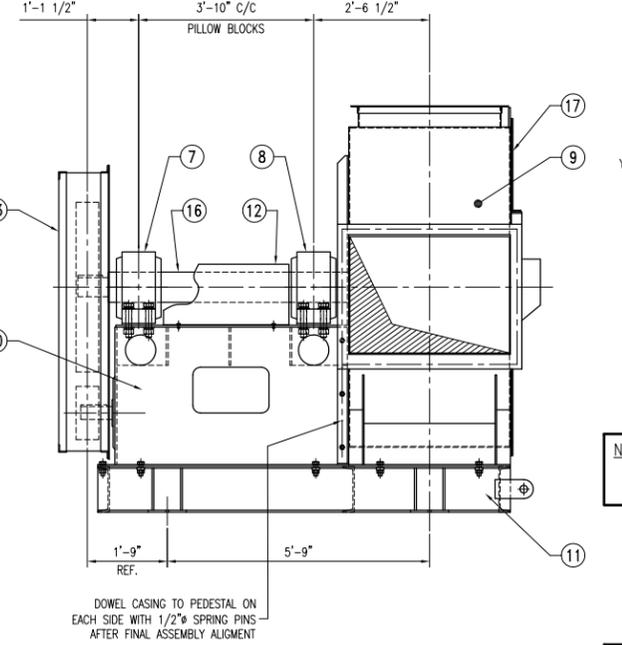
ITEMS IDENTIFIED WITH AN ASTERISK "*" WILL BE SUPPLIED BY BRI FOR INSTALLATION BY FABRICATOR.



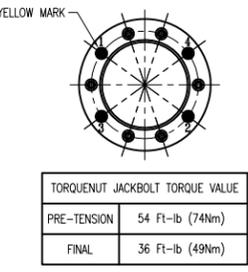
LEFT SIDE VIEW



ELEVATION VIEW
SHEAVES AND BELT GUARD SHOWN IN PHANTOM LINES FOR CLARITY



RIGHT SIDE VIEW



NOTE: REFER TO O&M MANUAL FOR TORQUENUT JACKBOLT INSTALLATION PROCEDURE.

- NOTES
- BEARINGS TO BE LUBRICATED WITH SHELL ALVANIA R3 GREASE. FREE SPACE IN BEARING AND HOUSING SHOULD ONLY BE PARTLY FILLED WITH GREASE (30 TO 40%). BEARING SEAL PROCEDURE INSTALLATION TO BE CAREFULLY FOLLOWED DURING PILLOW BLOCK ASSEMBLY.
 - THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS DISC-11-01 @ DISC-11-09.
 - GAP CLEARANCE BETWEEN BEATER TIPS AND CASING TO BE 3/8" ± 1/16" THROUGHOUT THE WHOLE WIDTH OF CASING.
 - USE SHEAR BLOCK C/W ADJUSTABLE BOLT ON EACH SIDE OF BEARING OR DOWEL BEARING DOWN WITH 3/8" SPRINGS AFTER SHAFT AND BEATERS ALIGNMENT.
 - FILL PEDESTAL AND BASE WITH CONCRETE AFTER ALL EQUIPMENT HAS BEEN INSTALLED AND ALIGNED.
 - REFER TO SPECIFICATIONS DISC-001 AND FTS-001 FOR FABRICATION AND INSPECTION.
 - TIGHTEN BEARING TO PERMISSIBLE RESIDUAL CLEARANCE SHOWN IN "MOUNTING OF SPHERICAL ROLLER BEARING" TABLE.
 - ESTIMATED TOTAL WEIGHT, INCLUDING MOTOR, SLIDING BASE, BEARINGS AND SHEAVES: 17,500 LBS
WK2 = (T.B.A.) LBS-SQ.FT (SHEAVES NOT INCLUDED).
 - OPERATING SPEED: 278 RPM.

84" DIA. x 42" WIDE COLD DISINTEGRATOR
GENERAL ARRANGEMENT

SCALE	1/2" = 1'-0"	1 : 24
DRAWN	JT	2008.MAR.27
CHECKED	JT	2008.MAR.27
APPROVED	YMG	2008.MAR.27
DWG NO	2409-DISC-11-00	REV
		A

REV. BY	DATE	CHECKED	APPROVED	REV. BY	DATE	CHECKED	APPROVED	REV. BY	DATE	CHECKED	APPROVED	REV. BY	DATE	CHECKED	APPROVED	REV. BY	DATE	CHECKED	APPROVED