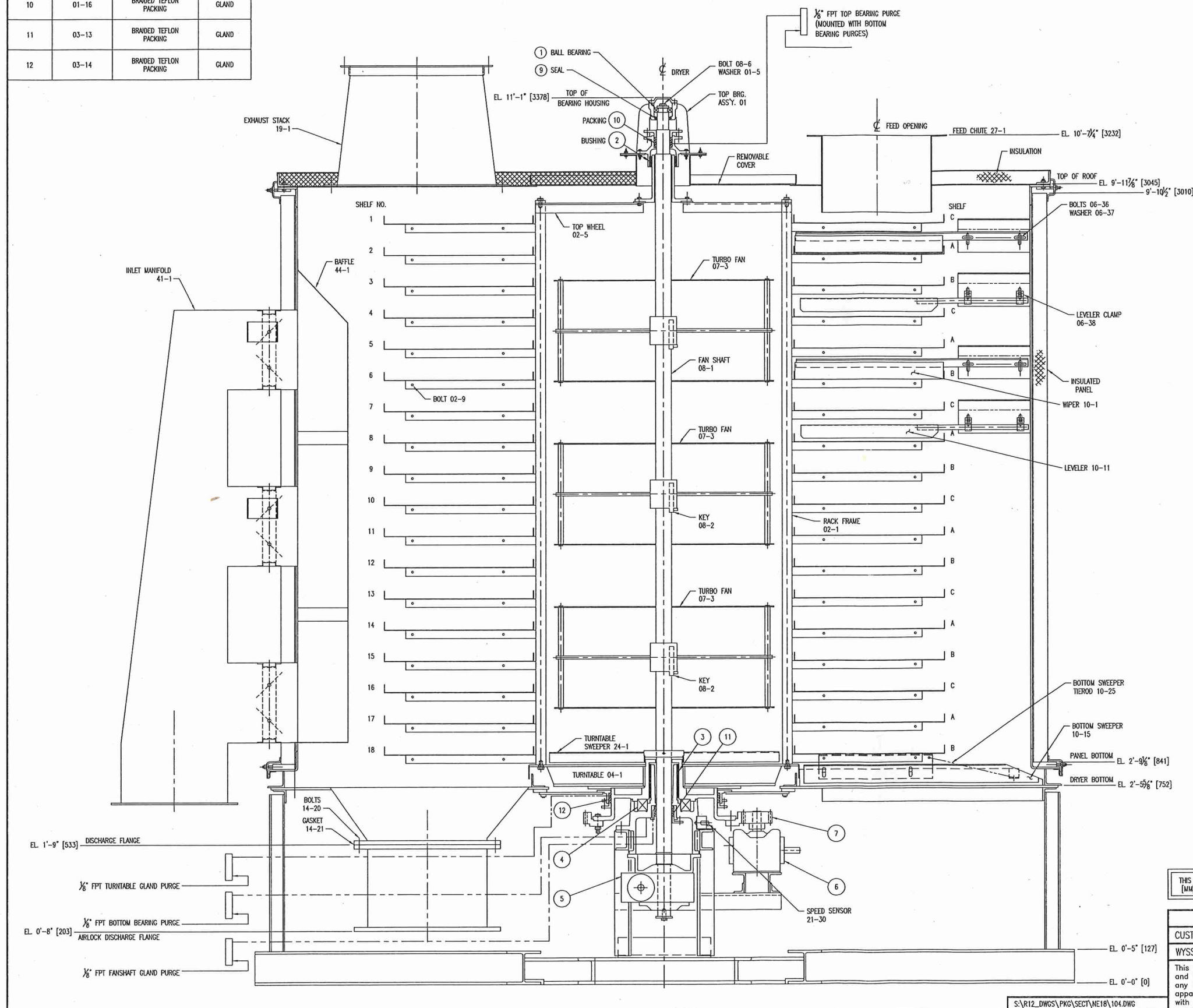


109762

GLANDS AND SEALS			
LOCATION	WYSS. PT. NO.	STYLE	TYPE
9	01-8	LIP SEAL	SEAL
10	01-16	BRAIDED TEFLON PACKING	GLAND
11	03-13	BRAIDED TEFLON PACKING	GLAND
12	03-14	BRAIDED TEFLON PACKING	GLAND

LUBRICATION SCHEDULE					
LOCATION	WYSS. PT. NO.	DESCRIPTION	FREQUENCY	METHOD	LUBRICANT
1	01-7	BALL BEARING	MONTHLY	MANUALLY	LUBRIPLATE
2	01-6	BUSHING	SELF LUBRICATING GRAPHITE		
3	03-7	BUSHING	SELF LUBRICATING GRAPHITE		
4	03-6	THRUST BEARING	DAILY	OIL GAGE	SAE 90
5	21-20	TURBO- FAN REDUCER	SEE MANUFACTURER'S INSTRUCTIONS		
6	21-9	TRAY REDUCER	SEE MANUFACTURER'S INSTRUCTIONS		
7	04-5 & 6	GEAR & PINION	WEEKLY	MANUALLY	LUBRIPLATE
8	21-8	CHAIN	DAILY	MANUALLY	LUBRIPLATE
		MOTORS & INTERMEDIATE DRIVE COMPONENTS	SEE MANUFACTURER'S INSTRUCTIONS		



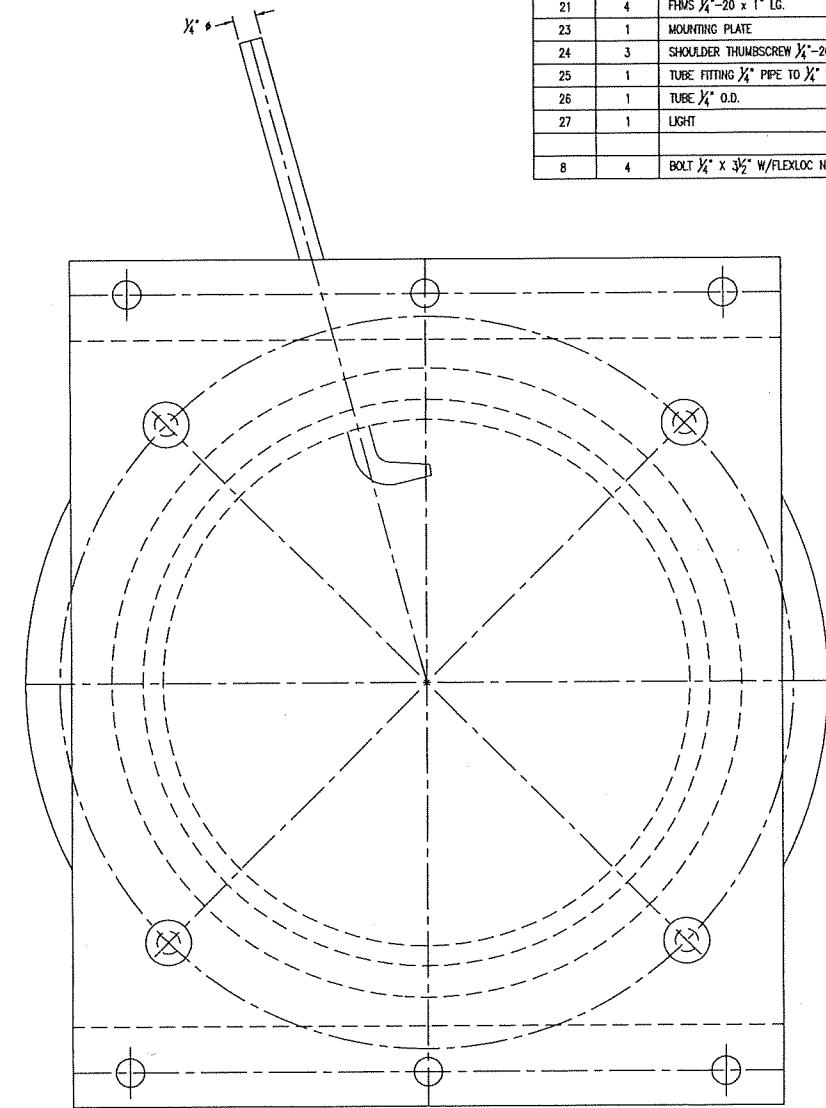
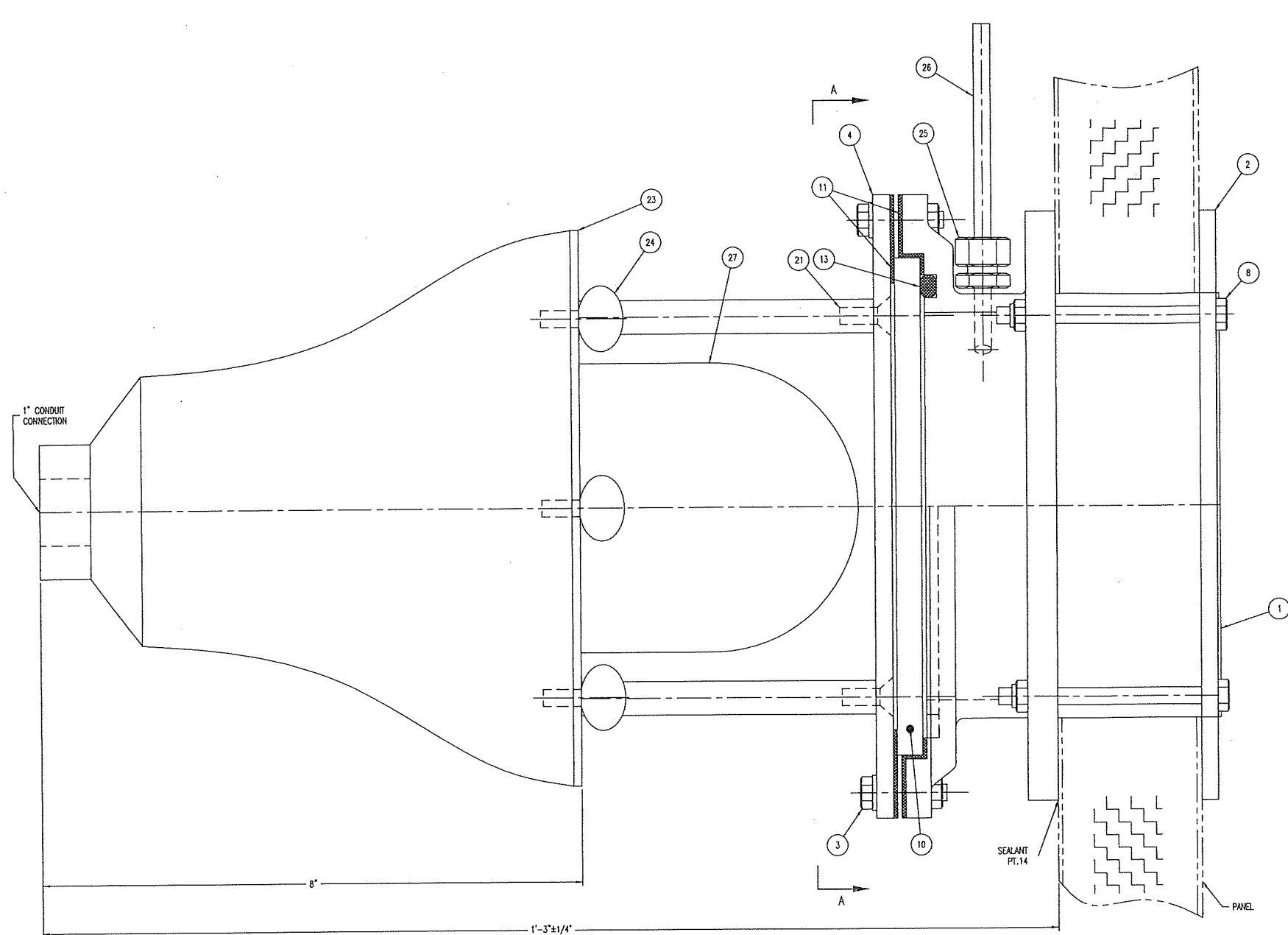
NOTES:

- SEE DRIVE DRAWING J530-021 FOR DRIVE AND GUARD ARRANGEMENT
- SEE GENERAL ASSEMBLY FOR ORIENTATION AND ELEVATION OF DRYER

REV.	BY	DATE	DESCRIPTION	APP'VD.
A	AJS	2-7-07	EXHAUST STACK CONNECTION REVISED	
VERTICAL ASSEMBLY				
WYSSMONT™ COMPANY, Inc.				
FORT LEE, NEW JERSEY				
CUSTOMER P.O. No: 05162			SCALE: 1 1/2" = 1'-0"	REV. DRAWN BY: AJS 11/30/06
WYSSMONT REF. No: (J530)SDP-B06058			DWG. NO. NE18-104	CHECKED BY: GMW 12/4/06
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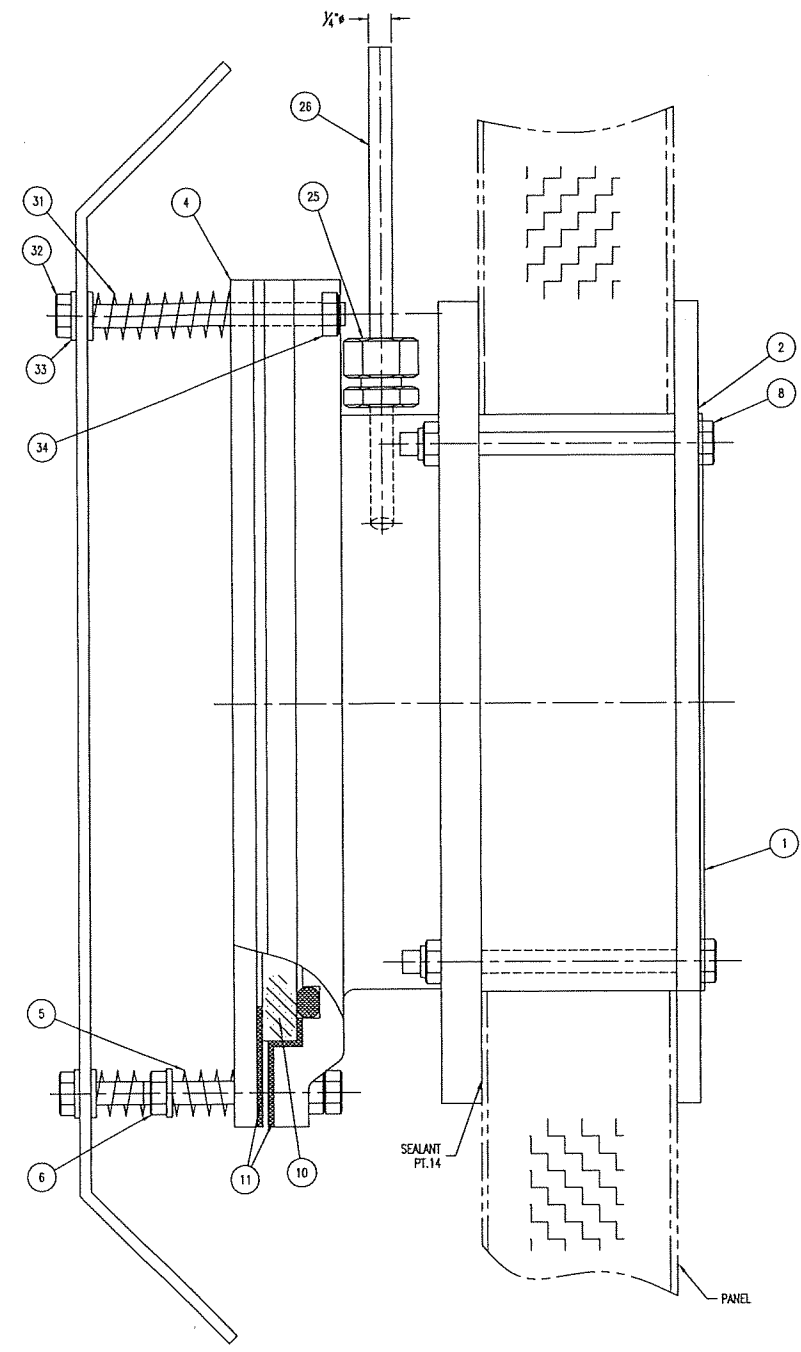
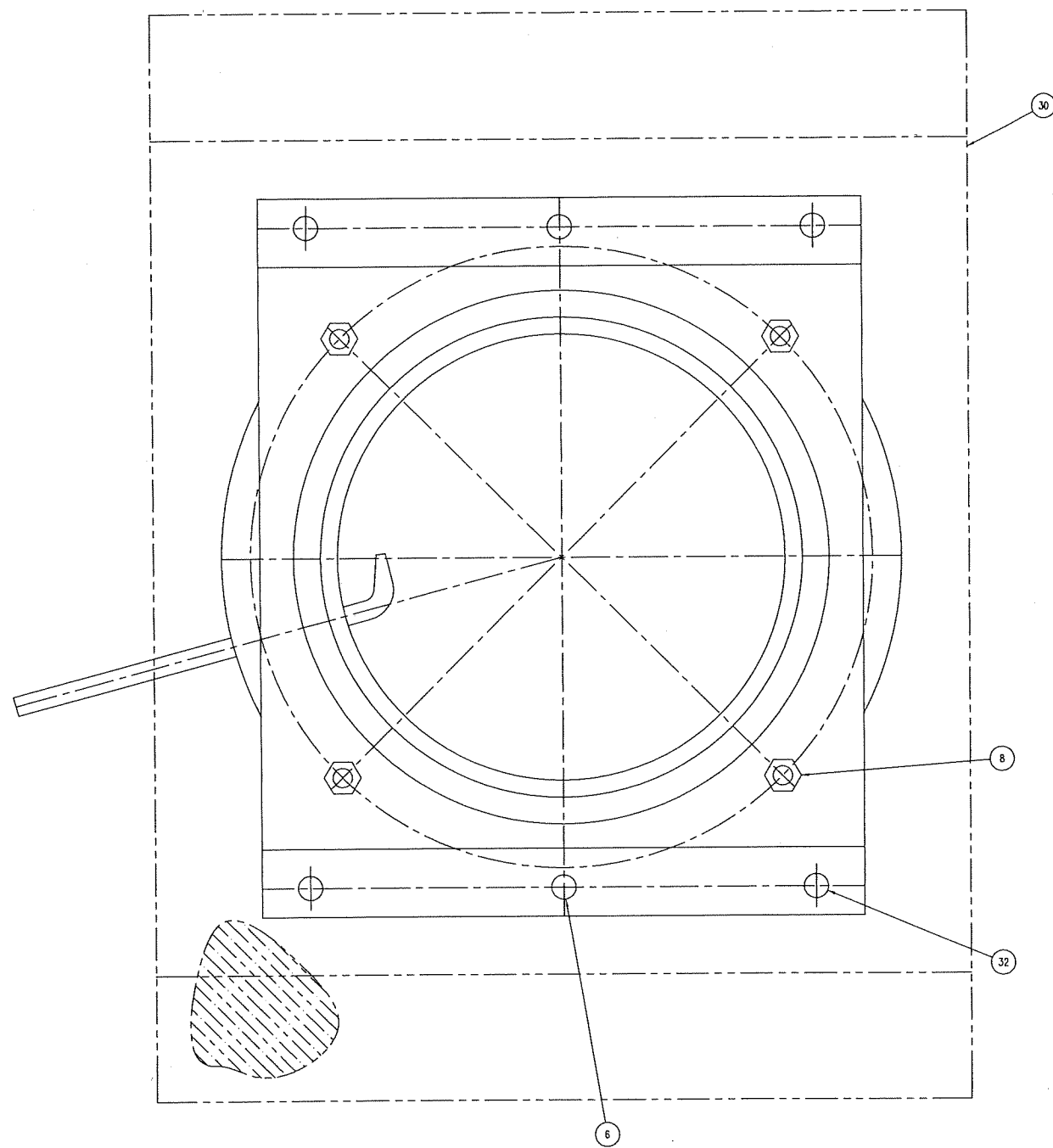
VIEW A-A

LIST OF PARTS				
PART No	QUANTITY	DESCRIPTION		
1	1	CASTING		
2	1	BACKUP PLATE		
3	4	BOLT $\frac{1}{4}$ " x $\frac{1}{2}$ " LG. W/ NUT, WA		ST. ST.
4	1	RETAINING PLATE W/ NAMEPLATE		
10	1	GLASS PLATE		
11	1	ADHESIVE TAPE		TEFLON
13	1	O" RING		TEFLON
21	4	FHWS $\frac{1}{4}$ "-20 x 1" LG.		ST. ST.
23	1	MOUNTING PLATE		
24	3	SHOULDER THUMBSCREW $\frac{1}{4}$ "-20 x $\frac{1}{2}$ " LG.		ST. ST.
25	1	TUBE FITTING $\frac{1}{4}$ " PIPE TO $\frac{1}{4}$ " TUBE		ST. ST.
26	1	TUBE $\frac{1}{4}$ " O.D.		ST. ST.
27	1	LIGHT		
8	4	BOLT $\frac{1}{4}$ " x $\frac{3}{4}$ " W/FLEXLOC NUT		ST. ST.

REV.	BY	DATE	DESCRIPTION	APP'VD.
CLEAN-SIGHT WINDOW w/LIGHTING FIXTURE				
WYSSMONT™ COMPANY, Inc.				
FORT LEE, NEW JERSEY				
NC.	SCALE: 12"=1'-0"		REV.	DRAWN BY: RK 12/22/04
ent	DWG. NO. WG-X248XL			CHECKED BY:
				APPV'D. BY:

CUSTOMER P.O. No:
WYSSMONT REF. No:
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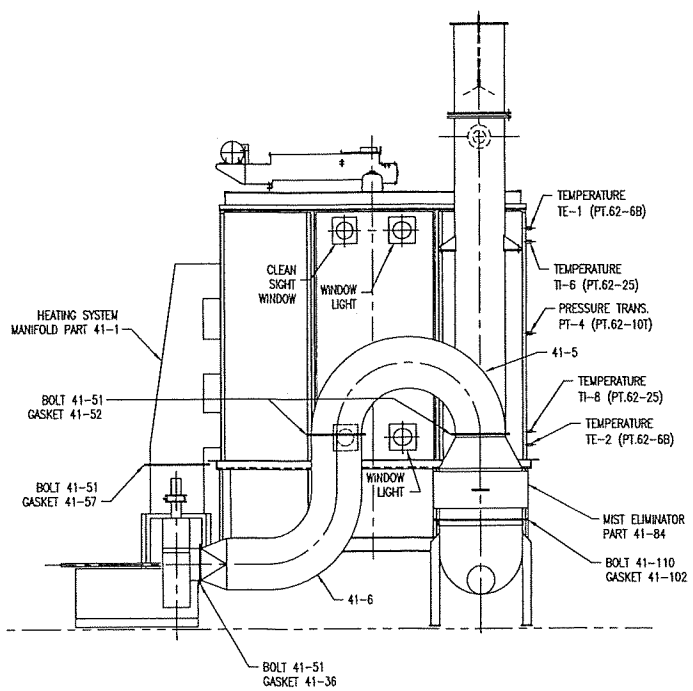
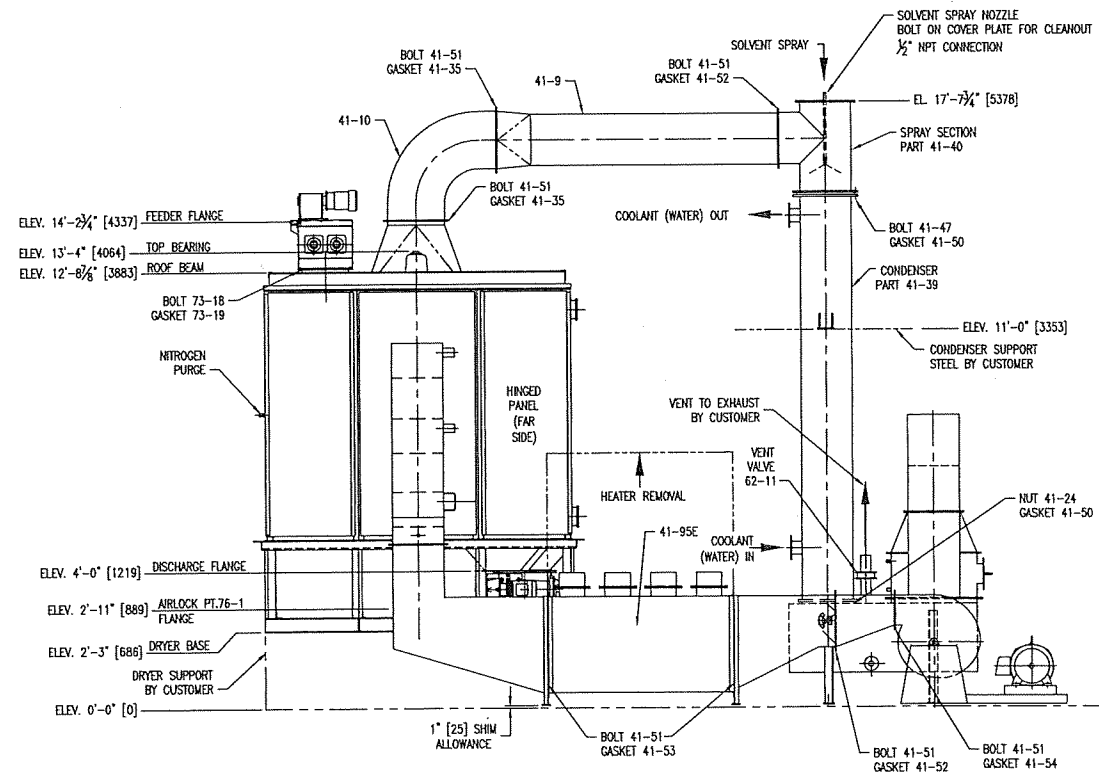
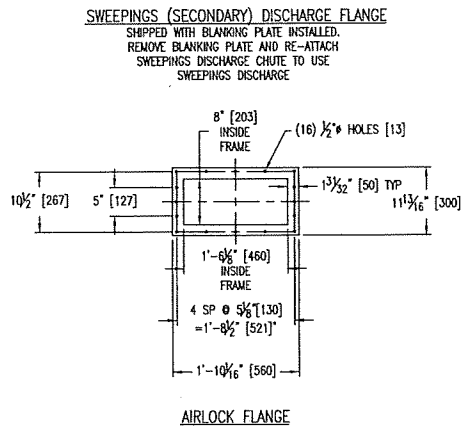
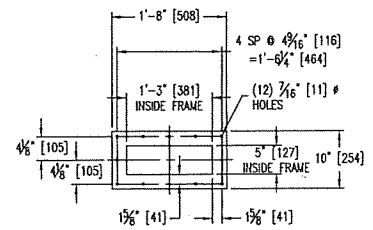
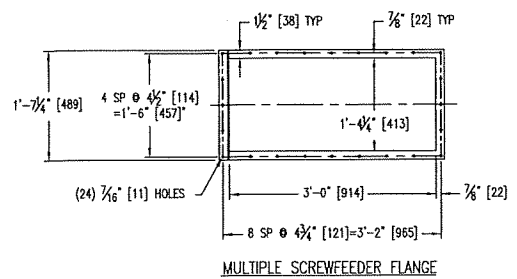
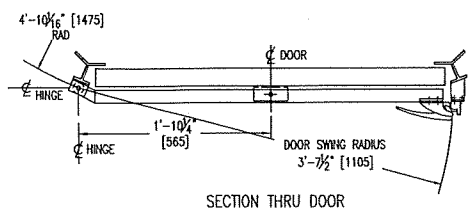
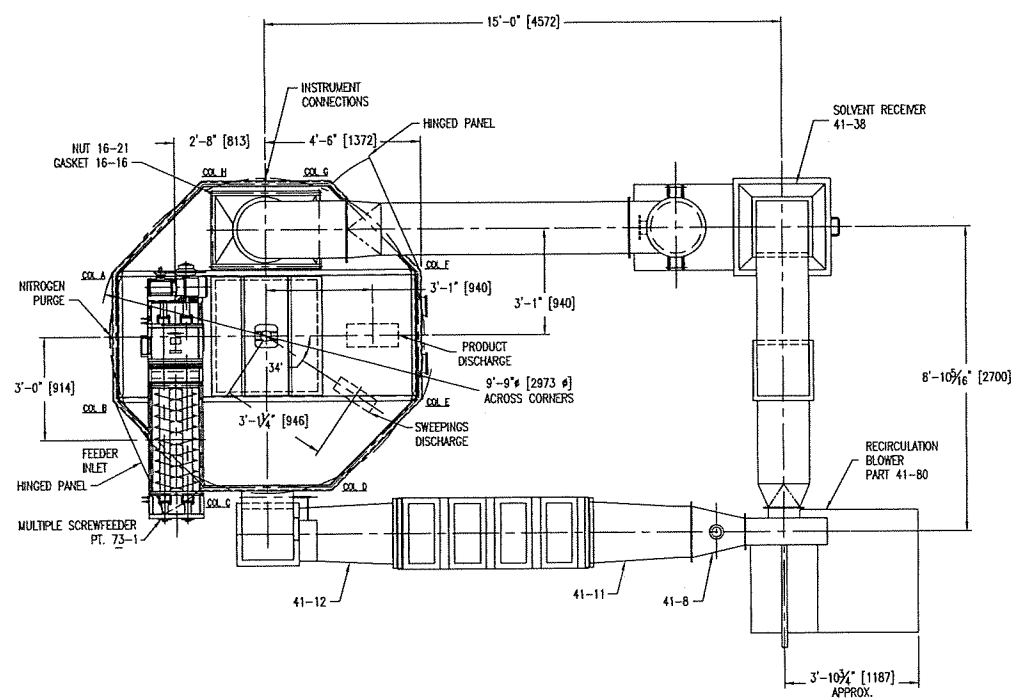


LIST OF PARTS			
PART No	QUANTITY	DESCRIPTION	
1	1	CASTING	
2	1	BACKUP PLATE	
4	1	RETAINING PLATE W/ NAMEPLATE	
5	2	SPRING	
6	2	BOLT $\frac{1}{4}$ " x 2" LG. W/ NUT, WA	ST. ST.
8	4	BOLT $\frac{1}{4}$ " x $3\frac{1}{2}$ " W/FLEXLOC NUT	ST. ST.
10	1	GLASS PLATE	
11	1	ADHESIVE TAPE	TEFLON
13	1	"O" RING	TEFLON
25	1	TUBE FITTING $\frac{1}{4}$ " PIPE TO $\frac{1}{4}$ " TUBE	ST. ST.
26	1	TUBE $\frac{1}{4}$ " O.D.	ST. ST.
30	1	SAFETY SHIELD	
31	4	SPRING	
32	4	BOLT $\frac{1}{4}$ " x 3" LG.	ST. ST.
33	8	WASHER	ST. ST.
34	4	NUT $\frac{1}{4}$ "	ST. ST.

REV.	BY	DATE	DESCRIPTION	APP'VD.
CLEAN-SIGHT WINDOW				
WYSSMONT™ COMPANY, Inc.				
FORT LEE, NEW JERSEY				
SCALE: 12"=1'-0"			REV.	DRAWN BY: RK 12/22/04
DWG. NO. WG-X248			CHECKED BY:	
			APPV'D. BY:	

CUSTOMER P.O. No:
 WYSSMONT REF. No:
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- NOTES:
1. MATERIALS OF CONSTRUCTION - ST 304 PRODUCT CONTACT SURFACES. OTHER INTERNAL PARTS - CARBON STEEL - UNPAINTED. EXTERNAL PARTS - MILD STEEL, PAINTED.
 2. DRYER BOTTOM, DUCTWORK AND MANIFOLD INSULATION BY PURCHASER.
 3. PURCHASER TO PROVIDE FLEXIBLE CONNECTION WITH 1" [25] EXPANSION ALLOWANCE BETWEEN DISCHARGE FLANGE AND RIGIDLY MOUNTED DRY PRODUCT CONVEYING EQUIPMENT, IF ANY.
 4. PURCHASER TO PROVIDE EXPANSION JOINT WITH 1" [25] EXPANSION ALLOWANCE BETWEEN FEEDER FLANGE AND RIGIDLY MOUNTED FEED CONVEYING EQUIPMENT, IF ANY.
 5. ALL MOTORS - 230/460 V, 3 Ph, 60 Hz, TOTALLY ENCL., INVERTER DUTY, EXPLOSION PROOF.
 6. REFERENCE DRAWINGS:

VERTICAL ASSEMBLY	- NE18-04
CONDENSER PT. 41-39	- C18-W0382
RECIRCULATION BLOWER PT. 41-80	- B0229922
P & I	- J530-062
INTERLOCKS	- J530-060
MULTIPLE SCREWFEEDER PT. 73-1	- WSF1554-973
AIRLOCK PT. 76-1	- DRV-GA-3286-1
CONTROL PANEL	- J530-066-1, -2, -3

REV.	BY	DATE	DESCRIPTION	APP'VD.
C	AJS	5-21-07	ADDED INSTRUMENT & PURGE LOCATIONS.	
B	AJS	2-6-07	CORRECTED DUCTWORK, ADDED GASKETS & BOLTS.	
A	AJS	12-14-06	ADDED DOOR BETWEEN COLUMNS B & C	

TURBO-DRYER® GENERAL ARRANGEMENT

WYSSMONT™ COMPANY, Inc.
FORT LEE, NEW JERSEY

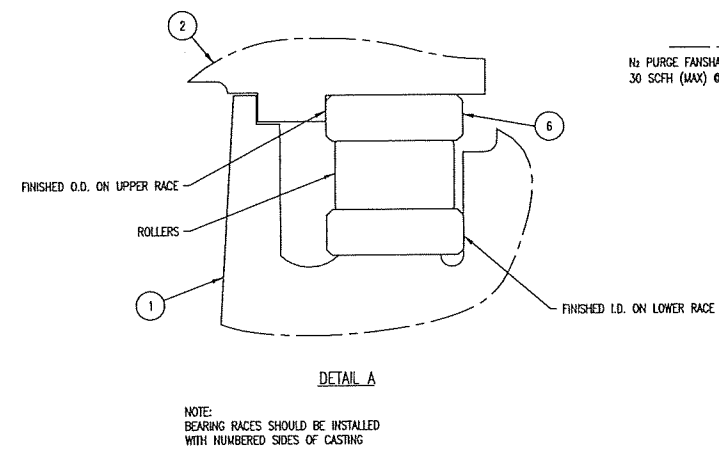
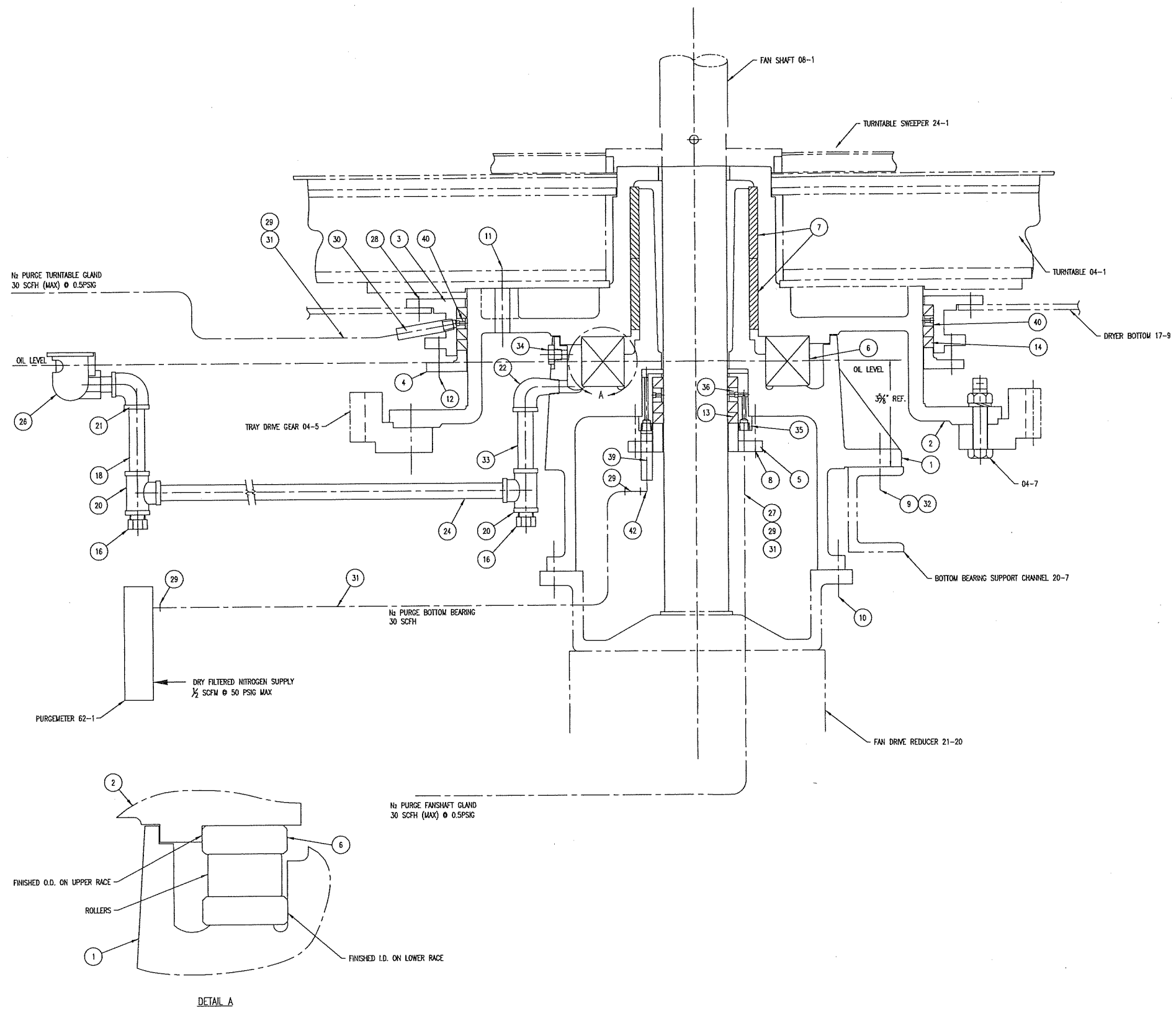
CUSTOMER: SUN DRILLING PRODUCTS
CUSTOMER P.O. No. 05162
WYSSMONT REFERENCE No: (J530) SDP-B06058

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SCALE: 3/8"=1'-0"
DWG. NO. NE18 - 101
REV. C
DRAWN BY: AJS 11/06
CHECKED BY: GMW 12/4/06
APP'VD. BY:

THIS UNIT IS MANUFACTURED IN FEET & INCHES
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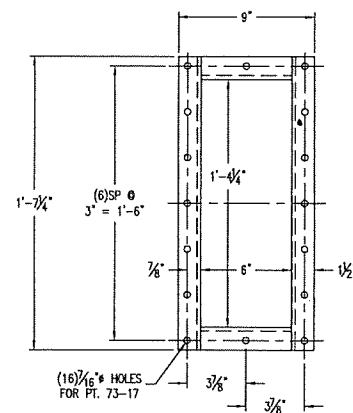
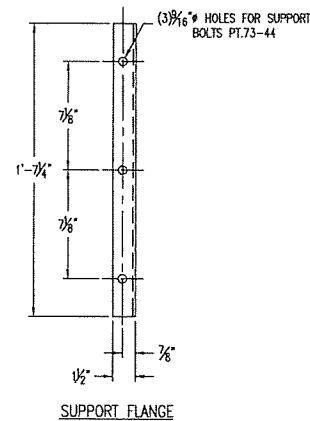
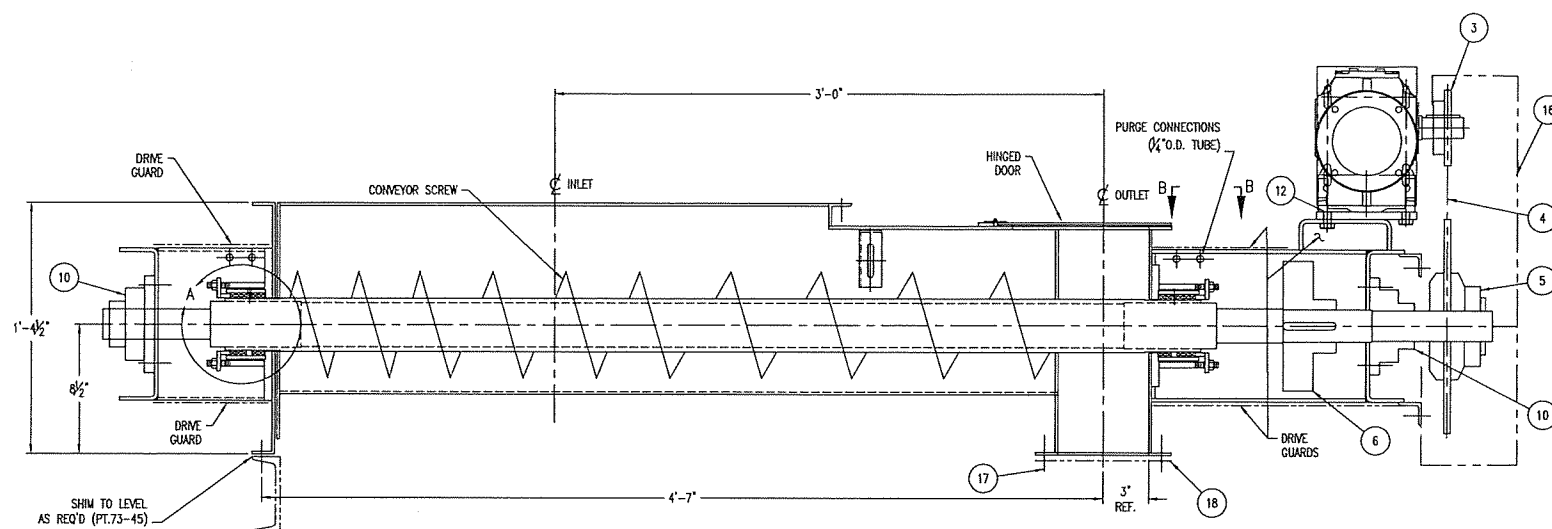
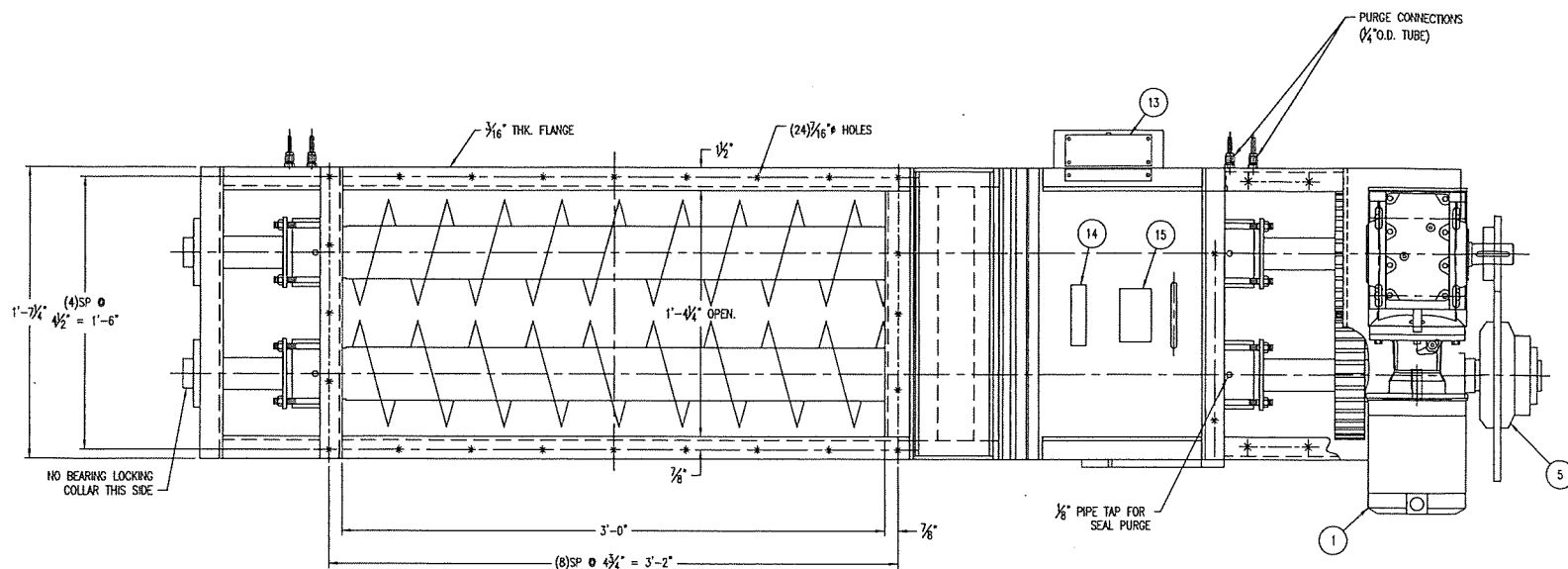
LIST OF PARTS			
PART NO.	REQ'D	DESCRIPTION	REMARKS
1	1	CASTING	N-B-W303-1
2	1	CASTING	N-B-W303-2
3	1	WELDMENT	N-W303-3A
4	1	CASTING	N-B-W303-4
5	1	CASTING	LN-W401-4
6	1	THRUST BEARING	
7	2	BUSHING	
8	2	STUD 5/16" x 2-1/2" W/NUT & JAM NUT	
9	4	BOLT 1/2" x 1 3/4" W/NUT & L.W.	
10	4	HEX HD CAP SCR. 1/2" x 1 1/4" W/L.W.	
11	6	BOLT 1/2" x 2 1/2" W/NUT & L.W.	
12	6	BOLT 5/16" x 2" W/NUT & JAM NUT	
13	1	PACKING	3 RINGS
14	1	PACKING	3 RINGS
16	2	PIPE PLUG 1/4"	
18	1	PIPE NIPPLE 1/4"x2-1/2" LG	
20	2	TEE 1/4"	
21	1	ELBOW 1/4" x 90°	
22	1	STREET ELBOW 1/4" x 90°	
24	1	PIPE 1/4"x4'-3" LG	
26	1	OIL GAUGE AND FILLER	
27	1	ANGLE FITTING 1/8" x 90°	
28	12	CAP SCREW 5/16" x 3/4"	W/L.W.
29	5	TUBE FITTING 1/8" NPT	W/NIPPLE
30	2	TUBE FITTING 1/8" NPT	W/NIPPLE
31	3	TUBE 1/4" O.D. 5'-0" LG	
32	2	DOWEL 5/16" x 1"	
33	1	PIPE NIPPLE 1/4"x2-1/4" LG	
34	1	PIPE PLUG 1/8"	
35	1	BUSHING	
36	1	LANTERN RING	
39	1	NIPPLE 1/8"x2" LG	
40	1	LANTERN RING	
42	1	ELBOW 1/4"	

* RECOMMENDED SPARE PARTS

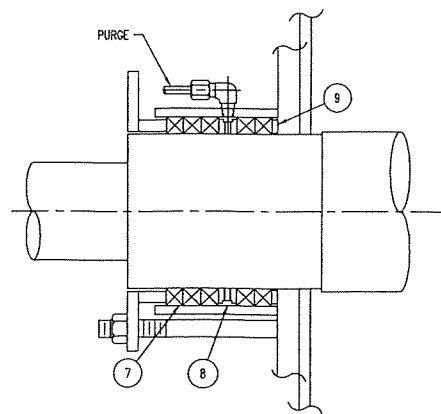
C	AN	12/15/06	REDRAWN ON CAD	12-19-06
REV.	BY	DATE	DESCRIPTION	APP'VD.
BOTTOM BEARING ASSEMBLY				
WYSSMONT™ COMPANY, Inc.				
FORT LEE, NEW JERSEY				
SCALE: 6"=1'-0"		REV.	DRAWN BY: SB 6/17/92	
DWG. NO. N-X403		C	CHECKED BY: 12/17/06	
			APP'VD. BY:	

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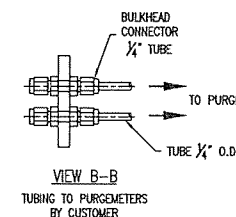
S:\R12_DWG\PKG\03\N-N-X403.DWG



DISCHARGE FLANGE



DETAIL 'A'



S:\R12_DWG\73-MSF\1554\873-B.DWG

LIST OF PARTS

LOC.	REQ'D	PART NO.	DESCRIPTION
1	1	73-1M	MOTOR 1 HP, 1800 RPM, 230/460 V/3 PH/60 HZ, CHEM. DUTY, 143TC FRAME
2	1	73-1R	REDUCER
3	1	73-2	B SPROCKET
4	1	73-3	#60 CHAIN
5	1	73-5	TORQUE LIMIT CLUTCH w/ A-SPROCKET
5A	1	73-5A	TORQUE LIMIT CLUTCH FRICTION DISCS
6	2	73-6	GEAR
7	4	72-24	PACKING (5 RINGS PER GLAND)
8	4	72-9	LANTERN RING
9	4	72-17	WASHER
10	4	73-8	FLANGED CARTRIDGE BEARING
11	4	73-9	BOLT 3/8"-16 X 1" LG.
12	4	73-12	BOLT 1/2" X 2 1/2" LG W/NUT, FW & LW
13	1	71-13	SAFETY INTERLOCK SWITCH, CL. 1, CR. B, C & D, DW. 1
14	1	98-99	NAMEPLATE
15	1	98-97	WARNING TAG
16	1	71-30	DRIVE GUARD
17	16	73-17	BOLT 3/8" X 1" LG w/ NUT
18	1	73-18	GASKET

* RECOMMENDED SPARE PARTS

NOTES:

- MATERIALS OF CONSTRUCTION:
PRODUCT CONTACT PARTS: ST. ST. 304
EXTERIOR SUPPORTS: ST. ST. 304
- SPEED: 2.6 RPM @ 1750 MOTOR RPM
- NITROGEN PURGE: 5-10 SCFH @ 1-10 PSIG EACH PACKING GLAND (BY CUSTOMER)
- CAPACITY: 0.253 CU.FT. PER REV.

REV.	BY	DATE	DESCRIPTION	APP'D.
B	RK/AJS	5/9/07	DWG MODIFIED FOR S67AM143 REDUCER. CORRECTED P.N.'S LOCATIONS 13, 17 & 18, ADDED SHIMS & SUPPORT BOLTS	

MULTI-SCREW FEEDER ASSEMBLY

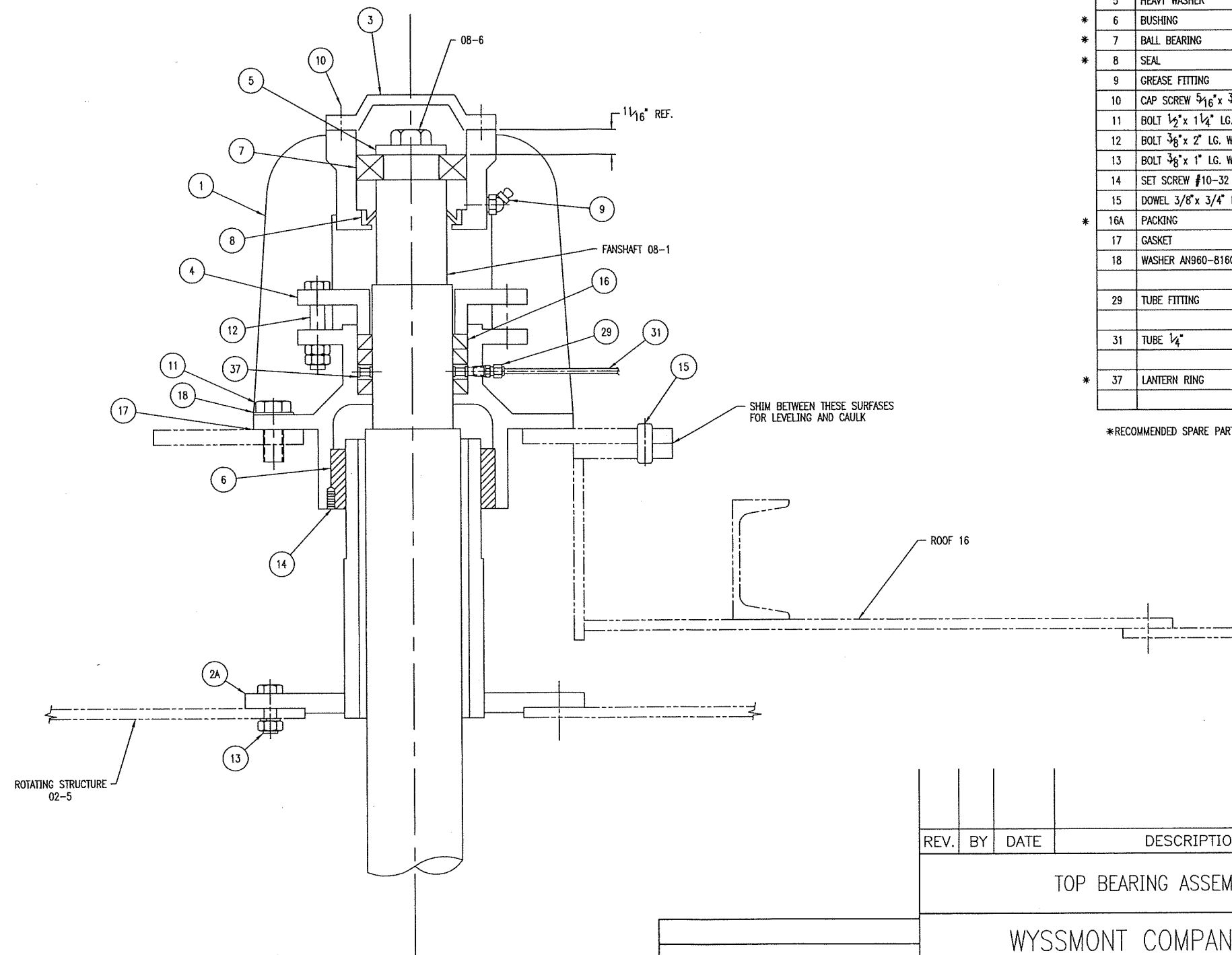
WYSSMONT™ COMPANY, Inc.

FORT LEE, NEW JERSEY

PROJ. NO:
CUST. P.O. NO:
WYSS. REF. NO: (J530) SDP-B06058

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SCALE: 2" & 4"	REV.	DRAWN BY: AJS 2-06, RK 12-06
DWG. NO. MSF1554-873	B	CHECKED BY: GMW 3-28-06
		APP'D. BY:

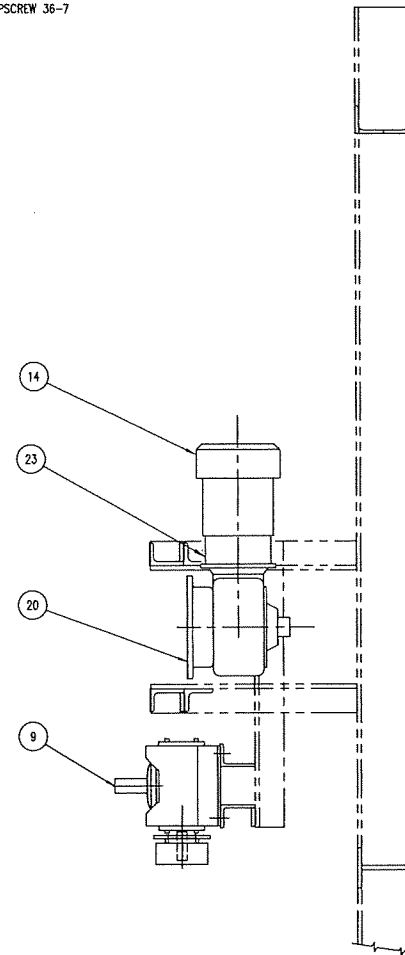
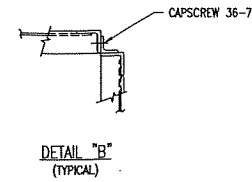


PARTS LIST		
NO.	DESCRIPTION	QTY.
1A	CASTING PATT. #LN-W401-1	1
2A	CASTING PATT. #LN-W201-2	1
3	CASTING PATT. #LN-W401-3	1
4A	CASTING PATT. #LN-W401-4	1
5	HEAVY WASHER	1
* 6	BUSHING	1
* 7	BALL BEARING	1
* 8	SEAL	1
9	GREASE FITTING	1
10	CAP SCREW $\frac{5}{16}$ " x $\frac{3}{4}$ " LG.	4
11	BOLT $\frac{1}{2}$ " x $1\frac{1}{4}$ " LG. W/ NUT, L.W. & WA.	4
12	BOLT $\frac{3}{8}$ " x 2" LG. W/ (2) NUTS	2
13	BOLT $\frac{3}{8}$ " x 1" LG. W/ NUT & L.W.	4
14	SET SCREW #10-32 x $\frac{1}{2}$ " LG.	1
15	DOWEL $\frac{3}{8}$ " x $\frac{3}{4}$ " LG.	4
* 16A	PACKING	3
17	GASKET	1
18	WASHER AN960-816C	4
29	TUBE FITTING	2
31	TUBE $\frac{1}{4}$ "	1
* 37	LANTERN RING	1

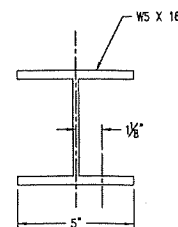
*RECOMMENDED SPARE PARTS

REV.	BY	DATE	DESCRIPTION	APP'VD.
TOP BEARING ASSEMBLY				
WYSSMONT COMPANY, Inc.				
FORT LEE, NEW JERSEY				
SCALE: 6" = 1'-0"			REV.	DRAWN BY: SB 9/1/99
DWG. NO. LN-401D				CHECKED BY: JU 9/1/99
				APPV'D. BY:

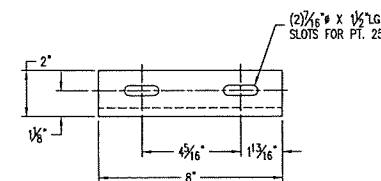
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SECTION A - A



SECTION C - C



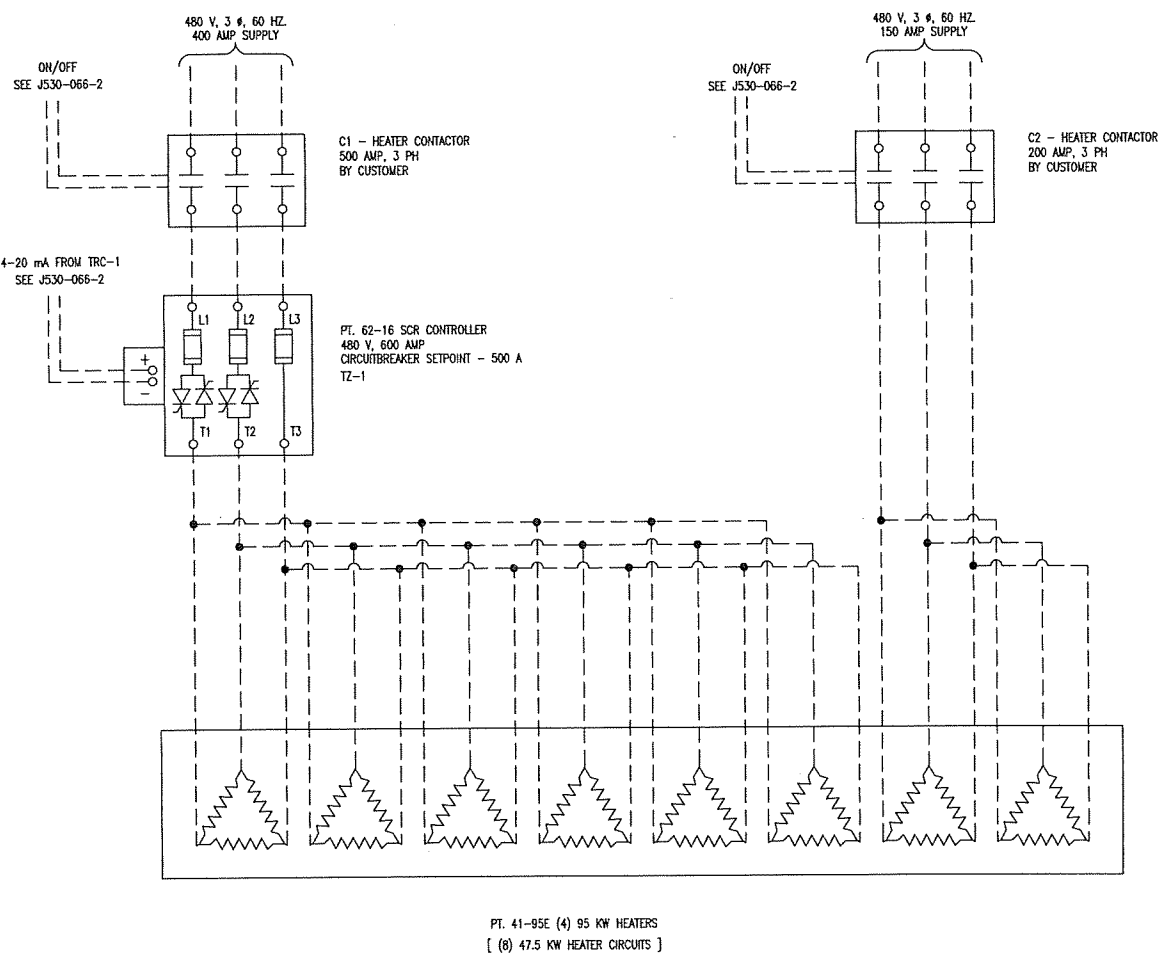
PART NO. 22

LIST OF MATERIAL			
PART	DESCRIPTION	REQ'D	MATERIAL & REMARKS
1E	MOTOR 1/2 HP., 1725 RPM, C-FACE	1	INVERTER DUTY ROCKWELL
1R	REDUCER	1	C-FACE (INPUT) DODGE
1C	VARIABLE FREQ. CONTROLLER	1	PULSE WITH MODULATED BY CUSTOMER
5	TORQUE LIMITING CLUTCH	1	BOSTON MECHANICAL
6	SPROCKET	1	STEEL #40
7	PL. SPROCKET	1	STEEL #40
8	CHAIN	1	STEEL #40
9	REDUCER	1	BALDOR
14	MOTOR 2 HP, 1725 RPM, C-FACE	1	INVERTER DUTY ROCKWELL
14C	VARIABLE FREQ. CONTROLLER	1	PULSE WITH MODULATED BY CUSTOMER
20	REDUCER	1	WINSMITH
22	L 2" x 2" x $\frac{3}{8}$ " x 8'L.G.	2	ST.ST.304
23	CAP. SCR. $\frac{3}{8}$ "-16 x $\frac{7}{8}$ " W/ L.W.	8	ST.ST.
25	BOLT $\frac{3}{8}$ " x 2" W/NUT, WA & L.W.	4	ST.ST.
30	ZERO SPEED SENSOR	1	
30A	ZERO SPEED SENSOR SUPPORT	1	ST.ST.

NOTES:

1. ABOVE PARTS SUPPLIED BY WYSSMONT CO. (UNLESS OTHERWISE NOTED)
2. MOTORS 230/460 V, 3 PHL, 60 HZ TOTALLY ENCLOSED, EXP. PROOF
IF ABOVE DRYER IS ELEVATED THE MAIN BEAMS (A-F & B-D) MUST
BE SUPPORTED FOR TWO-THIRDS THEIR LENGTH AND SUPPORTS ADDED
UNDER THE ENDS OF THE REMAINING BEAMS TO STEADY THE DRYER.
ASSUME 5500# UNIFORM LOAD FOR EACH MAIN SUPPORT (2500 KG EACH).
3. OPERATING SPEEDS:
TRAYS - 4 RPM (RANGE 24-98)
TURBO-FAN - 130 RPM (RANGE 45-175)
5. MOUNTING OF PT'S 30 & 305 - BY CUSTOMER.
SUPPORT PT. 30A - BY WYSSMONT.

A	AJS	2-26-07	PTS. 1 & 14 CHANGED TO EXPL. PROOF, PT. 5 WAS 1" BORE, PT. 7 WAS 29 TEETH, PT. 8 WAS 4"-6"LG. ADDED EXPL. PROOF TO NOTE 2, TRAY OPERATING SPEEDS WERE .97 RPM & RANGE WAS .35 - 1.39.	
REV.	BY	DATE	DESCRIPTION	
APP'VD.				
DRIVES				
WYSSMONT™ COMPANY, Inc.				
FORT LEE, NEW JERSEY				
INC.	SCALE: 1 1/2" = 1'-0"		REV.	DRAWN BY: AJS 12-27-06
ent	DWG. NO. J530-021		A	CHECKED BY: GMW 12-28-06
			APP'VD. BY:	



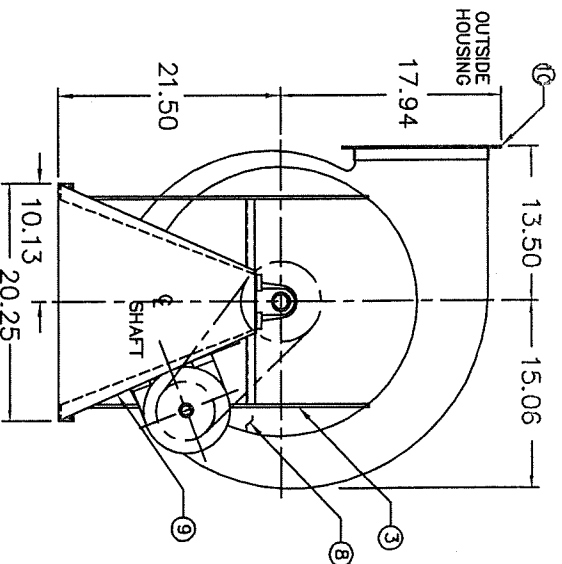
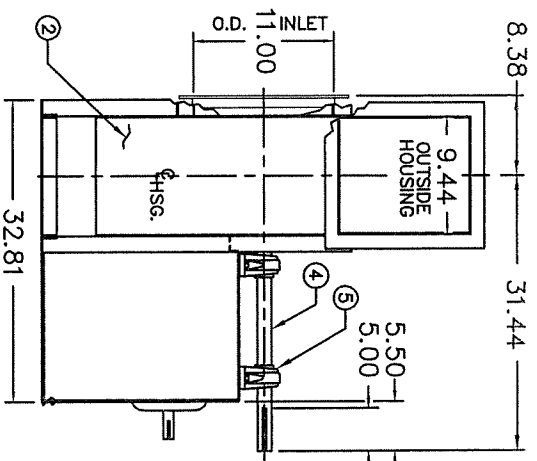
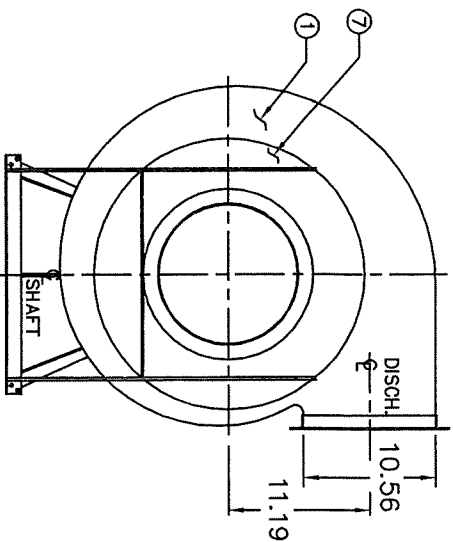
1. SIGNAL LEADS USE 18 - 20 GA. SHIELDED COPPER WIRE.
INSTALL PER INSTRUMENT MANUFACTURER'S INSTRUCTIONS.
DO NOT RUN IN SAME CONDUIT AS POWER WIRING.
2. COMPONENTS EXTERNAL TO PANEL SHOWN IN BROKEN LINES. THOSE
IDENTIFIED BY A PART NO. (i.e. PT. 62-6) BY WYSSMONT.
3. MOTOR STARTERS, INTERLOCKS AND OVERLOADS BY CUSTOMER.
ALL HEATER ELEMENTS AND MOTORS BY WYSSMONT UNLESS OTHERWISE NOTED

WIRING LEGEND

- COMPONENT CONNECTION
- |— RELAY OR STARTER AUXILIARY CONTACT
- MS2 --- EXTERNAL WIRING (BY CUSTOMER)

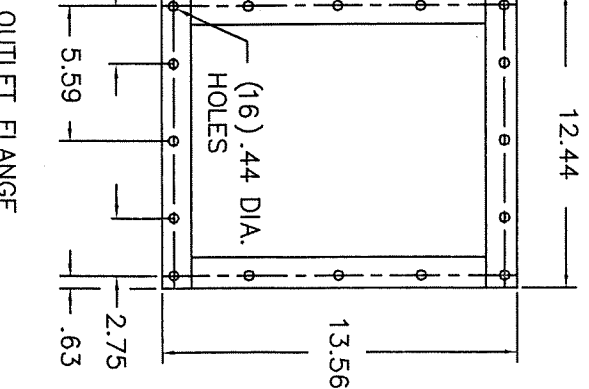
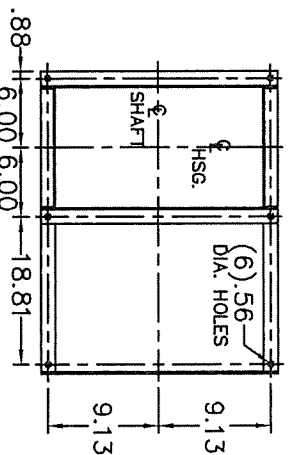
REV.	BY	DATE	DESCRIPTION	APP'VD.
CONTROL PANEL WIRING				
WYSSMONT™ COMPANY, Inc.				
FORT LEE, NEW JERSEY				
CUSTOMER P.O. No: 05162			SCALE: NONE	REV.
WYSSMONT REF. No: (J530) SDP- B06058			DWG. NO.	DRAWN BY: VG 02/15/07
This drawing is the property of WYSSMONT CO. INC. and is not to be reproduced or used to furnish any information for making of drawings or apparatus except where provided for by agreement with said company.			J530-066-4	CHECKED BY: JU
				APPV'D. BY:

S:\R12_DWGS\066\J530066-4.DWG



10	OUTLET FLANGE 1.50 x 1.50 (PUNCHED)	SEE DETAIL
9	PEDESTAL	AS10000669
8	DRIVE PLATE	AS15129
7	INLET ASSEMBLY	BS15126
6	WHEEL (NOT SHOWN)	AS15168
5	BEARINGS 1.688 DIA.	
4	SHAFT 1.687 DIA. W/.38X.19 KWT. SH2901	AS15177
3	FRAME W/ 2.0X2.0 BASE ANGLES	AS15184
2	HOUSING SCROLL 10 GA.	BS15173
1	HOUSING SIDE 10 GA.	BS15173
ITEM	DESCRIPTION	DWG. NO.

BILL OF MATERIALS



INLET FLANGE

OUTLET FLANGE

PERFORMANCE "A"		MOTOR DESCRIPTION	
DENS.	0.071 LB/FT 3		
C.F.M.	2800	TYPE	EXPL PR
S.P.	8	HP	7 1/2 R.P.M. 1800
R.P.M.	2263	MOTOR FRAME	213T
B.H.P.	5.99	PHASE / CYCLE / VOLTAGE	
O.V.	4242	3/60/460	
TEMP:	90 ELEV: 0	FURNISHED BY	TCF
PERFORMANCE "B"		MOUNTED BY	TCF
DENS.	LB/FT 3	DRIVE INFORMATION	
C.F.M.		MTR. SHEAVE	2H3V53
S.P.		MTR BUSHING	H x 1.375
R.P.M.		FAN SHEAVE	2P3V41
B.H.P.		FAN BUSHING	P1 x 1.675
O.V.		BELTS	(2) 3VX475
TEMP:	ELEV:	TYPE	Fixed
WEIGHT:	625	SERVICE FACTOR:	1.5
		FURNISHED BY	TCF
		MOUNTED BY	TCF

- ACCESSORIES
1. ACCESS DOOR-BOLTED
 2. DRAIN 3/4"-NPT W/PLUG
 3. FLANGE-INLET, PUNCHED (SEE DETAIL)
 4. GUARD-BELT, OSHA TYPE -ALUMINUM (NOTE 1)
 5. GUARD-SHAFT & BEARING - ALUMINUM (NOTE 1)
 6. MOTOR IS MARATHON VFD SUITABLE XPF MOTOR
 7. GORETEX GASKETING AT ACCESS DOOR AND INLET PLATE
 8. NOMINALLY LEAKTIGHT CONSTRUCTION PER ENG. STANDARD E2-92
 9. STUFFING BOX TYPE SHAFT SEAL, 304 SS CASING
 10. UNPAINTED CARBON STEEL AIRSTREAM.

- NOTES
1. ALL GUARDS TO BE PAINTED SAFETY YELLOW

	ROTATION WAS CW.	SNN	BAS	01/17/07
A	MOTOR POSITION WAS LEFT			
REVISIONS				
		REV BY	CHKO BY	DATE

TWIN CITY FAN & BLOWER
5959 TRENTON LANE MINNEAPOLIS, MN. 55442
MEMBER OF AIR MOVEMENT AND CONTROL ASSOCIATION

DRN BY	SNN	DATE	1/3/2007	CHKO BY	VSS	DATE	1/3/2007
SCALE = NONE				CERT BY			

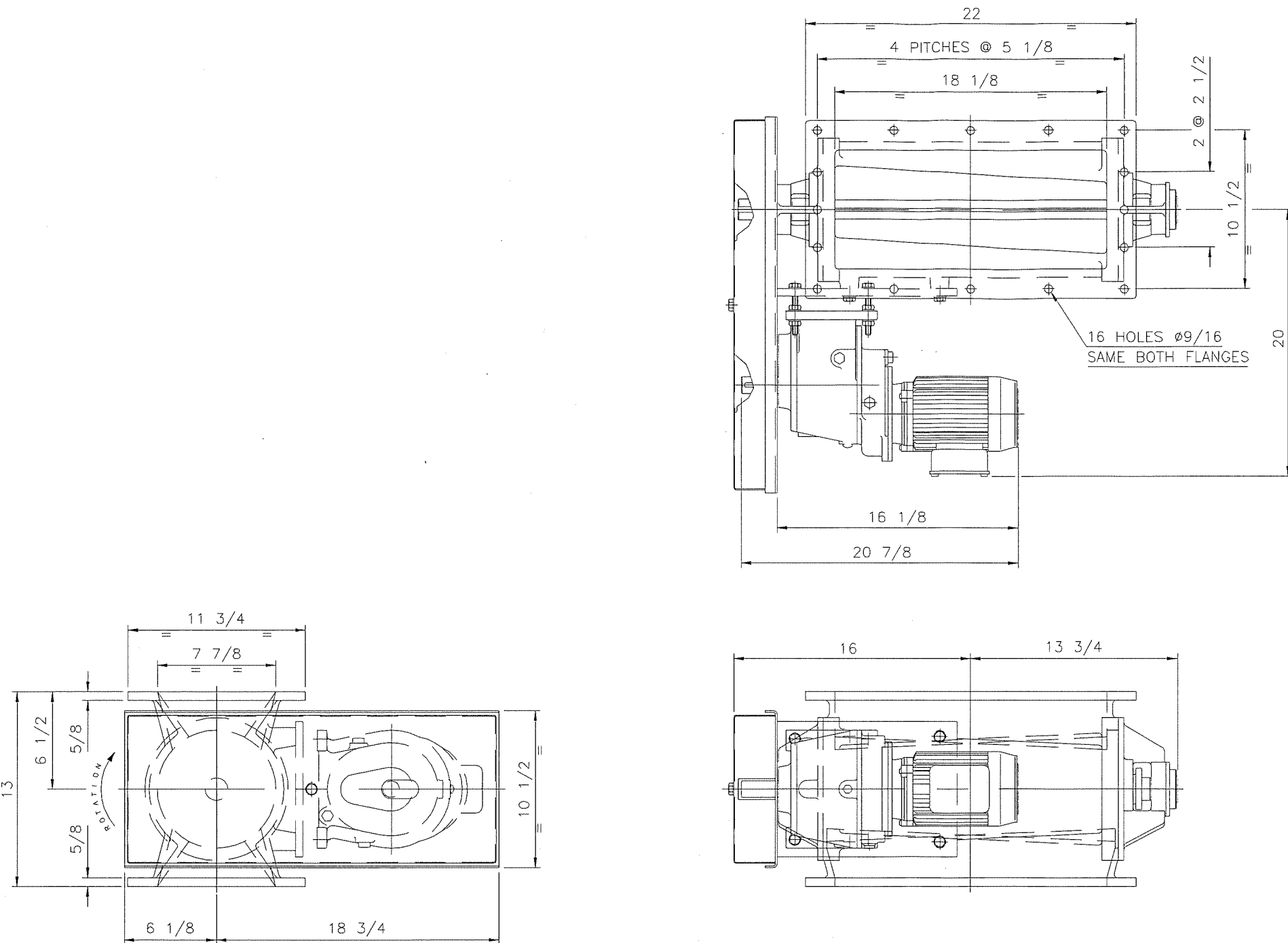
TYPE	ARRANGEMENT	WIDTH	SIZE	CLASS	DISCHARGE
RBA	9A	SW	911	22	THD
ROTATION	ROTATABLE	%WIDTH	%DIA		MOTOR POS
CCW	ROT	100	100		R

CUSTOMER		WYSSMONT CO,INC.	
JOB NAME			
JOB LOCATION			
CONSULTING ENGINEER			
S.O. NUMBER	229922	CUST. P.O. No.	J530-H4
TAG UNIT	RECIRC FAN 41-80 DESIGN		
REV.	A		
ITEM	1		

THE DESIGN SHOWN ON THIS DRAWING IS THE EXCLUSIVE PROPERTY OF TWIN CITY FAN COMPANIES, LTD.
IT IS NOT TO BE REPRODUCED AND NO PARTS ARE TO BE REPRODUCED WITHOUT WRITTEN CONSENT

DRAWING NO. BC 229922

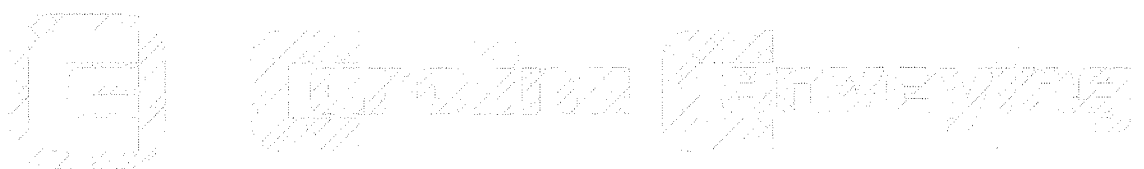
REV. A 1



NOTES:

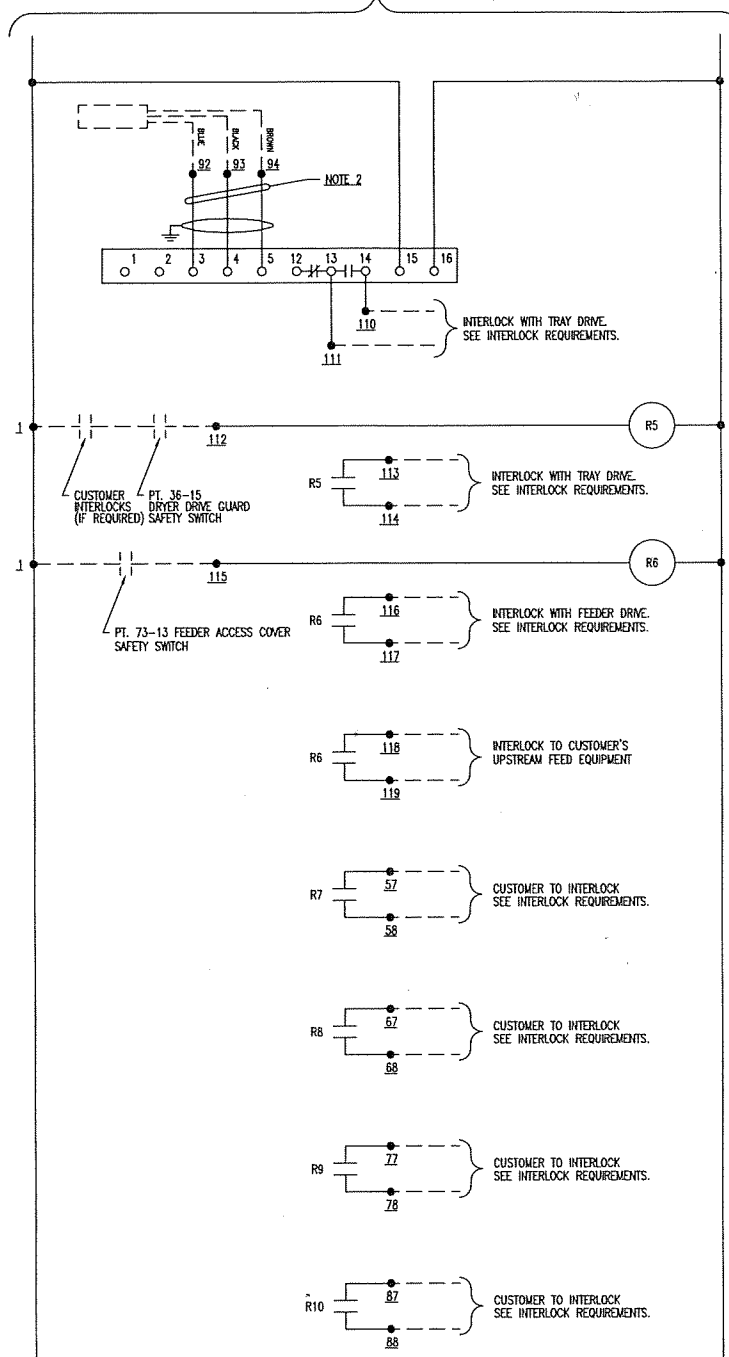
1. BODY: CAST 316 SS
2. END COVER: CAST 316 SS
3. ROTOR: FABRICATED 304 SS, CLOSED END, 8 VANE
4. BEARINGS: OUTBOARD, REGREASABLE
5. SHAFT SEALS: GLAND TYPE WITH TEFLON PACKING
6. SHAFT AIR PURGE: YES
7. GEARBOX: HELICAL TYPE, MODEL TQ10, GEAR RATIO: 57.3:1
8. MOTOR: 1.0 HP 230/460/3/60 1750 RPM, EXPLOSION PROOF, MARATHON G841
9. CHAIN GUARD: MILD STEEL, SAFETY YELLOW
10. VALVE SPEED: 10 RPM
11. DRIVE:
DRIVE CHAIN: ANSI SIZE 50
ROTOR SPROCKET: 50-36T
ROTOR BUSHING: 2012-1 1/4"
GEARBOX SPROCKET: 50-12T BORED 1 1/8"
12. MAXIMUM TEMPERATURE: 350 F
13. PAINT: EPOXY ON NON-SS
14. NUMBER REQUIRED: 1

* VALVE INLETS AND OUTLETS MUST BE FULLY GUARDED TO PREVENT INJURY

				CLIENT WYSSMONT PO#J350-AL2			TITLE 8"X18" RECT DROP THRU ROTARY AIRLOCK & DRIVE CERTIFIED DRAWING			
		CAROLINA CONVEYING INC BEAVERDAM INDUSTRIAL PARK 162 GREAT OAK DRIVE, CANTON, NC 28716 Tel : (828) 235-1005 Fax : (828) 235-1006		This drawing is the property of Carolina Conveying and is loaned subject to the condition that it shall not be reproduced, copied, loaned or submitted to others without our consent.			DRAWING No.			
							SCALE N.T.S.		DRV-GA-3286-1	
							DRAWN	CHECKED	APPROVED	
				PCG						
AMENDMENTS						22DEC06		ISSUE 1		

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CONTINUED FROM DWG. J530-066-2



PT. 21-30 TRAY DRIVE MOTION SENSOR

PT. 66-10 TRAY DRIVE UNDERSPEED SWITCH
SET FUNCTION SW. 0 POS. III.
SET SWITCH POINT (POT 1) 0 APPROX. 50 PPM.
OUTPUT RELAY IS ENERGIZED
WITH DRIVE SPEED ABOVE SETPOINT.

PLUG-IN RELAY
3PDT, 5 AMP.

PLUG-IN RELAY
3PDT, 5 AMP.

INTERLOCK WITH FEEDER DRIVE.
SEE INTERLOCK REQUIREMENTS.

INTERLOCK TO CUSTOMER'S
UPSTREAM FEED EQUIPMENT

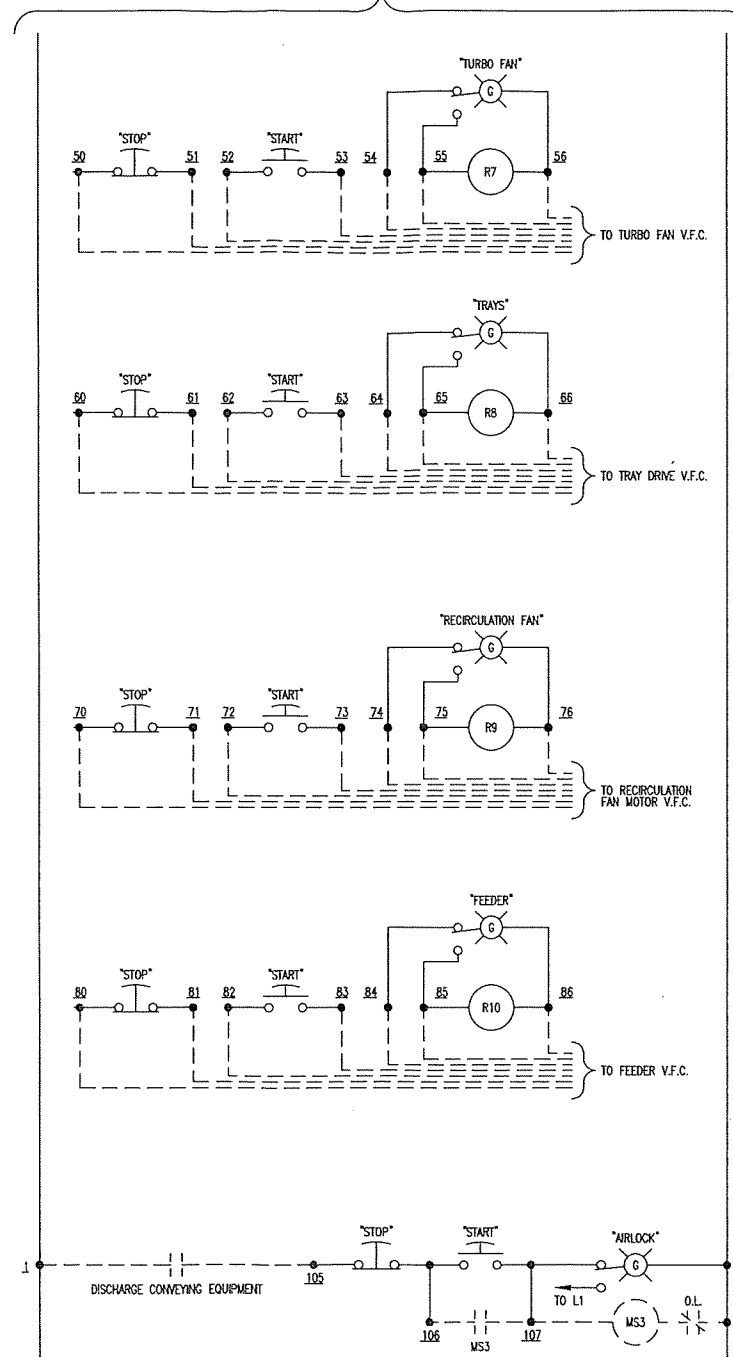
CUSTOMER TO INTERLOCK
SEE INTERLOCK REQUIREMENTS.

CUSTOMER TO INTERLOCK
SEE INTERLOCK REQUIREMENTS.

CUSTOMER TO INTERLOCK

CUSTOMER TO INTERLOCK

CONTINUED FROM LEFT



PLUG-IN RELAY
3PDT, 5 AMP.

TURBO FAN PUSHBUTTONS AND RUN LIGHT.
CUSTOMER TO PROVIDE V.F.C. FOR
2 H.P., 230/460 V, 3 Ph INVERTER DUTY MOTOR.
SEE INTERLOCK REQUIREMENTS.

PLUG-IN RELAY
3PDT, 5 AMP.

TRAY DRIVE PUSHBUTTONS AND RUN LIGHT
CUSTOMER TO PROVIDE V.F.C. FOR
1/2 H.P., 230/460 V, 3 Ph INVERTER DUTY MOTOR
SEE INTERLOCK REQUIREMENTS.

PLUG-IN RELAY
3PDT, 5 AMP.

RECIRCULATION FAN PUSHBUTTONS AND RUN LIGHT
CUSTOMER TO PROMDE V.F.C. FOR
7.5 H.P., 460 V, 3 Ph MOTOR

PLUG-IN RELAY
3PDT, 5 AMP.

MULTI SCREW FEEDER PUSHBUTTONS AND RUN LIGHT
CUSTOMER TO PROVIDE V.F.C. FOR
1 H.P., 230/460 V, 3 Ph INVERTER DUTY MOTOR
SEE INTERLOCK REQUIREMENTS.

AIRLOCK PUSHBUTTONS AND RUN LIGHT
CUSTOMER TO STARTER FOR
1 H.P. 230/460 V, 3 Ph MOTOR

B	VG	4-11-07	TERMINALS 57, 58, 67, 68, 77, 78, 87, 88 ADDED	
A	VG	3-26-07	R7, R8, R9 ADDED	
REV.	BY	DATE	DESCRIPTION	APP'VD.

CONTROL PANEL WIRING

WYSSMONT™ COMPANY, Inc.

FORT LEE, NEW JERSEY

CUSTOMER P.O. No: 05162

WYSSMONT REF. No: (J530) SDP-B06058

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NC. SCALE: NONE

DWG. NO.
J530-066-3

REV.

REV.	
	B

DRAWN BY: VG 02/07/07

CHECKED BY: JH

APPV'D. BY:

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