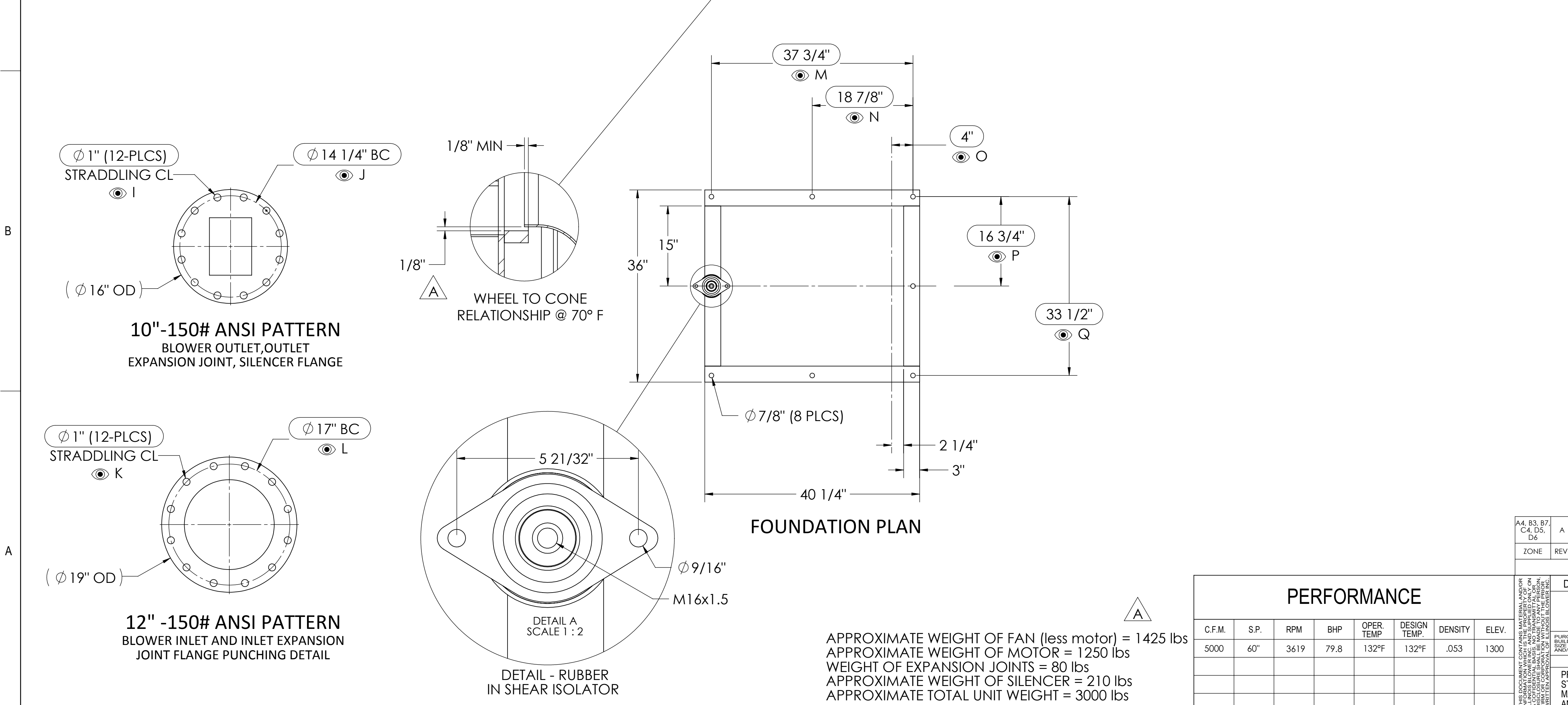


PART / MATERIAL LIST					
QTY	ITEM	NOTE	DESCRIPTION	PART NUMBER	Material
3	1	7	IBI, STD PAINT, 1 COAT AMERON 385	060-0226	SEE BOM
1	2	1	INLET COVER, 453-HPRB	222-0540	SEE BOM
1	3	2	WHL,HPRB,453,35,5,STL,CW,100%	432-0303	SEE BOM
1	4	2	BUSHING,Q,1,2,125,MI	524-0005	PURCHASED
1	5	5	SEAL,SHAFT,DBL LIP,2.9375 DIA,STL	561-0158	SEE BOM
1	6	3	MTR,TEFC,100HP,3600,40STS,3/60/460	574-1226	PURCHASED
1	7	3	SHAFT SLEEVE,MOTOR 2 1/8 X 2 15/16	597-0078	304L SSTL
1	8	4	SIL,OUTLET,10VCIB-V99-SN4350,VAW	624-0307	PURCHASE
1	9	6	EXPANSION JOINT, 10", EPDM, 8 FF	644-0017	PURCHASED
1	10	6	EXPANSION JOINT, 12",EPDM,8 FF	644-0025	PURCHASED
8	11	9	VIB ISO, NOVIBRA RA-350-EM B	694-0020	PURCHASE
1	12	1	PEDESTAL, 453-HPRB	742-0548	SEE BOM
10	13		BOLT,HEX,3/8-16 X 1 1/2,G5 ZINC	814-0010	G5 ZINC
4	14		BOLT,HEX,5/8-11 X 4,G5 STL-ZINC	814-0026	G5 ZINC
12	15		BOLT,HEX,7/8-9 X 2 1/2,G5 ZINC	814-0035	G5 ZINC
24	16		BOLT,HEX,7/8-9 X 3 1/2,G5 ZINC	814-0037	G5 ZINC
4	17		NUT,HEX,5/8-11,G5 STL-ZINC	814-0075	STL
36	18		NUT,HEX,7/8-9,G5 STL-ZINC	814-0077	G5 ZINC
10	19		NUT,WIDE FLANGE HEX,3/8-16	814-0100	PUR - G2 STL
4	20		STUD,WELD,3/8-16 X 1,18-8 SS	814-0168	PUR - 18-8 SS
8	21		BOLT,M16-2 X 40,STL,GR5	814-0213	STEEL
24	22		NUT,WIDE FLANGE HEX,1/2-13	814-0303	PUR - G2 STL
4	23		NUT,WIDE FLANGE HEX,3/8-16,18-8 SS	814-0542	PUR - 18-8 SS
20	24		WASHER,FLAT,3/8,G5 ZINC	834-0003	G5 ZINC
24	25		WASHER,FLAT,1/2,G5 ZINC	834-0005	G5 ZINC
8	26		WASHER,FLAT,5/8,G5 ZINC	834-0006	G5 ZINC
72	27		WASHER,FLAT,7/8,G5 ZINC	834-0008	G5 ZINC
4	28		WASHER,LOCK,5/8,STL	834-0015	STL
36	29		WASHER,LOCK,7/8,G5 ZINC	834-0017	G5 ZINC
4	30		WASHER,FLAT,3/8,18-8 SS	834-0029	18-8 SS
8	31		WASHER, LOCK, M16, STL	834-0065	STEEL
1	32		PIPE,NIPPLE,1/8 NPT X 4,STEEL	854-0051	STEEL
1	33		PIPE, FULL COUPLING, 1/8" NPT, STL	854-0064	STL
1	34		NAMEPLT KIT,RUN TEST,ALUM,STAMP	871-0006	SEE BOM
1	35		LABEL, GUARDS	874-0005	PURCH
1	36		LABEL, LOCKOUT	874-0006	PURCH
1	37		NAMEPL KIT,HOSOKAWA,151194 PUR	874-0339	SEE BOM
1	38		GREASE FITTING,1/8 NPT,STRAIGHT	894-0010	PURCHASE
1	39	8	GSK,VINYL FOAM,1	959-0004	PUR



- NOTES:
- HOUSING TO BE CONSTRUCTED FROM A36 HRS, CONTINUOUSLY WELDED SUITABLY BRACED CONSTRUCTION. WHEEL TO BE REMOVABLE THROUGH INLET. PEDESTAL TO BE CONSTRUCTED OF A36-HRS CONTINUOUSLY WELDED CONSTRUCTION.
 - WHEEL ASSEMBLY TO BE CONSTRUCTED FROM A572, CONTINUOUSLY WELDED CONSTRUCTION. WHEEL TO BE INTERFERENCE FIT ONTO MOTOR SHAFT WITH A TAPER LOCK BUSHING. WHEEL WEIGHT=169 lbs. WK² = 152.55 LB-FT²
 - MOTOR TO BE TECO MAX-E1, 100-HP, 3600-RPM, 3/60/460, PREMIUM EFF, 40STS FRAME, TEFC-ENCLOSURE, SUITABLE FOR VFD.
 - OUTLET SILENCER TO BE A VAW (or equal) MODEL 10-VCIB-V99 OUTLET SILENCER. CONSTRUCTED OF CARBON STEEL.
 - SHAFT SEAL TO BE ILLINOIS BLOWER LIP SEAL.
 - EXPANSION JOINTS TO BE GENERAL RUBBER (or equal) TYPE 1015, EPDM, SINGLE ARCH.
 - COATING TO BE ILLINOIS BLOWER, INC. STANDARD 2-PART EPOXY ON ALL CARBON STEEL COMPONENTS. SURFACE PREP TO BE SSPC-SP6.
 - GASKETING MATERIAL TO BE ILLINOIS BLOWER, INC. POLY FOAM
 - VIBRATION ISOLATORS TO BE NOVIBRA (or equal) RUBBER-IN-SHEAR RA-350
 - TAGGING INFORMATION-
IBI SO #151194
PO #62698
CFM 5000
SP 60
EXHAUST FAN

ZONE	REV.	DESCRIPTION	DATE	APPROVED
A4, B3, B7, C4, D5, D6	A	REDRAWN IN SOLIDWORKS. ADD CTQ'S, ADD BOM ITEMS AND BALLOONS. ø18", 34 23/32, 58 7/8, 1/8, WERE ø20, 35 3/16, 59 7/8, 3/16. REV WEIGHTS; NOTE 2 WAS FITTED TO HUB BOLTING END CAP AND SAFETY WIRE. ADD NOTE 9; REV PERFORMANCE 3619; 79.8, 132(2), .053 WERE 3595, 79.8, 120(2), .054	3/9/2016	SMB

PERFORMANCE	
C.F.M.	S.P.
5000	60"

DO NOT SCALE DRAWING	TOLERANCE UNLESS OTHERWISE SPECIFIED
FRACTIONAL ±1/16	
DECIMAL ±.06	
ANGULAR ±0°-30' (.5°)	

C.F.M.	S.P.	RPM	BHP	OPER. TEMP	DESIGN TEMP.	DENSITY	ELEV.
5000	60"	3619	79.8	132°F	132°F	.053	1300

illinois blower, inc.	750 Industrial Drive, Cary, Illinois 60013
CUSTOMER: HOSOKAWA MICRON POWDER SYSTEMS	CUSTOMER P.O. #62698
TITLE: SIZE 453-HPRB, A/4, CW-TH, 100%, DIA 35.5	IBI SERIAL NUMBER 151194
SCALE: NONE	DATE: 12/29/15
DRAWN: DSG	APPROD: DSG
	DATE: 12/29/15
	SCALE: NONE

APPROXIMATE WEIGHT OF FAN (less motor) = 1425 lbs
 APPROXIMATE WEIGHT OF MOTOR = 1250 lbs
 WEIGHT OF EXPANSION JOINTS = 80 lbs
 APPROXIMATE WEIGHT OF SILENCER = 210 lbs
 APPROXIMATE TOTAL UNIT WEIGHT = 3000 lbs