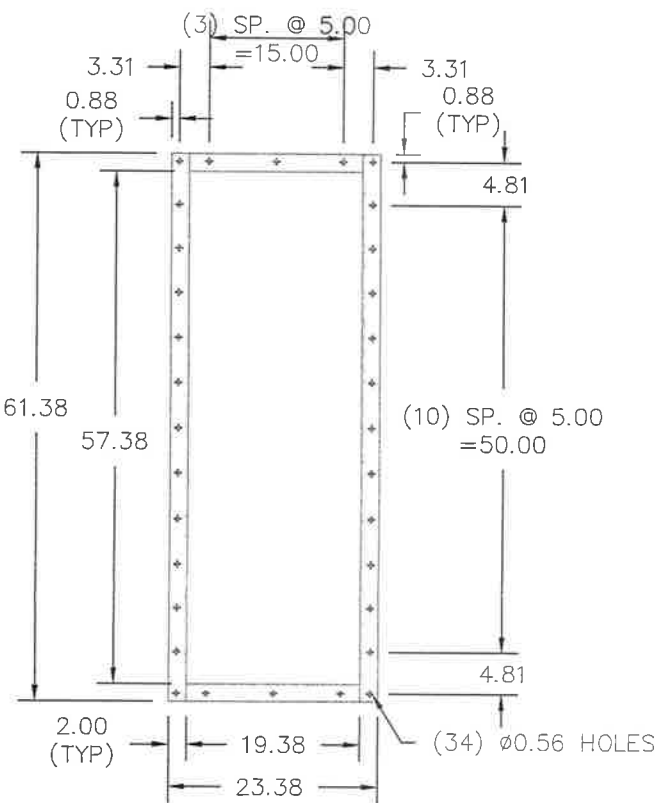


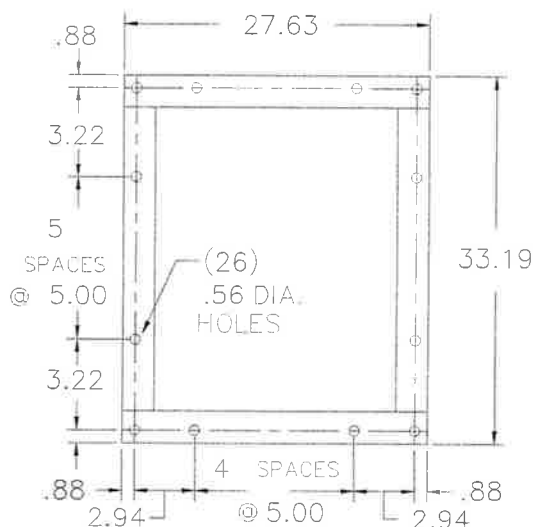
FOUNDATION PLAN TOP VIEW

9	PEDESTAL	AS1000670
8	OUTLET FLANGE 2.00X2.00 (PUNCHED)	SEE DETAIL
7	INLET FUNNEL	BS9752
6	WHEEL (NOT SHOWN)	BS13000
5	BEARINGS 3.438 DIA.	
4	SHAFT 3.437 DIA. W/.88X.44 KEY	
3	FRAME W/ 3.00X4.00 BASE ANGLES	BS10731
2	HOUSING SCROLL .25 THK.	BS9566
1	HOUSING SIDE .25 THK.	BS9566
ITEM	DESCRIPTION	DWG. NO.

BILL OF MATERIALS



INLET BOX FLANGE



OUTLET FLANGE

ACCESSORIES

- ACCESS DOOR-BOLTED
- DRAIN-3/4" NPT
- SHAFT SEAL-STD TYPE
- SPLIT HOUSING-PIE SHAPED
- SPARK RESISTANT CONST.-TYPE C
- FAN INLET FLANGE, PUNCHED PER AC10520
- GUARD-BELT, OSHA TYPE - (NOTE 1)
- GUARD-SHAFT & BEARING - (NOTE 1)
- BASE-UNITARY (NO ISOLATORS) PER BC234050-002-01
- EXTENDED GREASE FITTINGS
- DO NOT PAINT AIRSTREAM - COAT WITH OIL
- PILOT HOLES IN BEARINGS FOR FIELD DOWELING BY OTHERS
- SPCL PAINT-ENTIRE UNIT PER CUST. SPEC.
- WHEEL SHROUD 304 SS
- DETACHED INLET BOX (BOLT ON) 360° TOP DOWN INTAKE PER BC1002143 w/ACCESS DOOR-BLTD & w/DRAIN 3/4" NPT
- MOTOR SLIDE RAILS (BUILT IN) WYMORE RAILS PER AS15849

NOTES

- PAINT ALL GUARDS SAFETY YELLOW
- CONED TO 3500 FPM BY OTHERS

BELT CENTERS

MIN	59.6
MAX	66.9
ACTUAL	

REVISIONS



TWIN CITY FAN & BLOWER

5959 TRENTON LANE MINNEAPOLIS, MN. 55442  
MEMBER OF AIR MOVEMENT AND CONTROL ASSOCIATION

DRN BY	KSJ	DATE	4/5/07	CHKD BY	KJ	DATE	4/5/07
SCALE	= NONE			CERT BY		DATE	

TYPE	ARRANGEMENT	WIDTH	SIZE	CLASS	DISCHARGE
HIB	1	SW	360	24	THD
ROTATION	ROTATABLE	%WIDTH	%DIA		MOTOR POS.
CPW	Non-Rot	100	100		W

REF #	DRAWING NO.	REV.	ITEM
BC9986E	BF 234050	-	2

PERFORMANCE "A"		MOTOR DESCRIPTION	
DENS.	0.065 LB/FT 3	TYPE	TEFC
C.F.M.	26211	HP	150 R.P.M. 1800
S.P.	21.3	MOTOR FRAME	445T
R.P.M.	1990	PHASE / CYCLE / VOLTAGE	3/60/460
B.H.P.	113.46	FURNISHED BY	Others
O.V.	NOTE 2	MOUNTED BY	TCF
TEMP:	140 ELEV: 107	DRIVE INFORMATION	
DENS.	LB/FT 3	MTR. SHEAVE	
C.F.M.		MTR. BUSHING	
S.P.		FAN SHEAVE	
R.P.M.		FAN BUSHING	
B.H.P.		BELTS	
O.V.		TYPE	Fixed
TEMP:	ELEV:	SERVICE FACTOR:	1.5
WEIGHT:	5833	FURNISHED BY	TCF
		MOUNTED BY	TCF

DRAWING NO. BF 234050

CUSTOMER BARR-ROSIN INC.

JOB NAME BARR-ROSIN DRAWING NUMBER

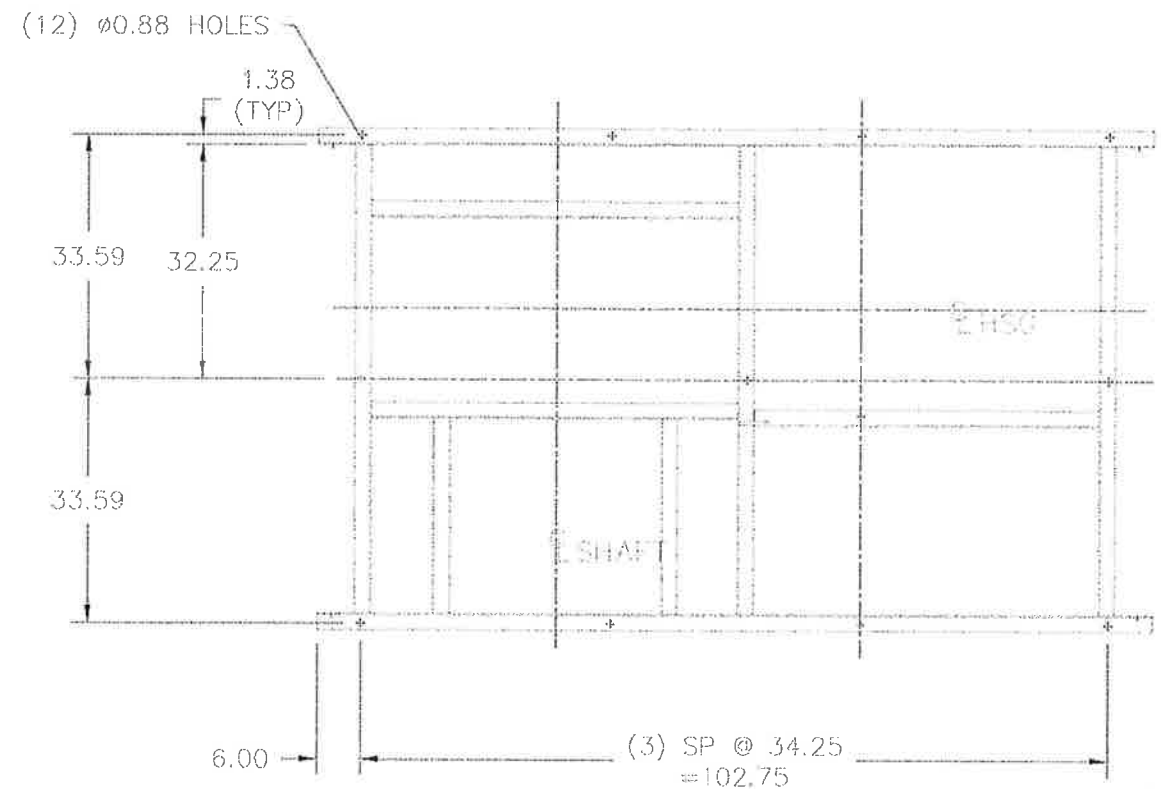
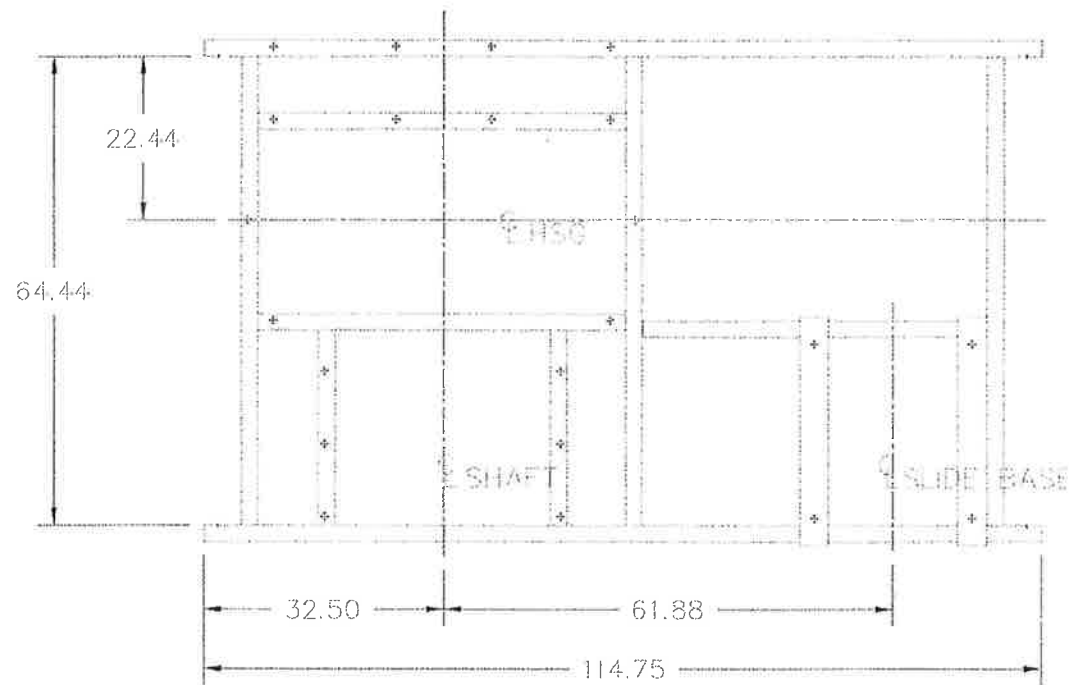
JOB LOCATION 2409 - FANL - 11 - 01 REV A

CONSULTING ENGINEER

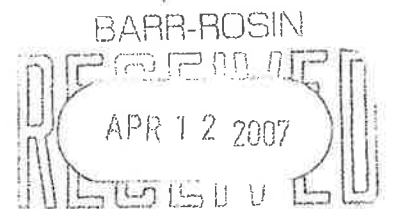
S.O. NUMBER 234050 CUST. P.O. No. 2409/44

TAG UNIT FANL/11

THE DESIGN SHOWN ON THIS DRAWING IS THE EXCLUSIVE PROPERTY OF TWIN CITY FAN COMPANIES, LTD.  
IT IS NOT TO BE USED FOR ANY PURPOSE OR ITS CONTENTS DISCLOSED WITHOUT OUR WRITTEN CONSENT.



SECTION A-A  
(FOUNDATION PLAN VIEW)



BARR-ROSIN DRAWING NUMBER  
2409 - FANC - 11 - 02 REV A




FAN WEIGHTS		BELT CENTERS		TYPE	ARRANGEMENT	WIDTH	SIZE	CLASS	DISCHARGE
FAN	2370	MIN	59.6	HIB	1	SW	360	24	THD
MOTOR	1627	MAX	66.9	ROTATION	ROTATABLE	%WIDTH	%DIA		MOTOR POS.
BASE	694	ACTUAL	-	CCW	-	100	100		W

MTR. SHEAVE	-
MTR. BUSHING	-
FAN SHEAVE	-
FAN BUSHING	-
BELTS	-
TYPE	FIXED
SERVICE FACTOR:	1.5
FURNISHED BY	TCF
MOUNTED BY	TCF

TYPE	TEFC STD. EFF.
HP	150
R.P.M.	1800
MOTOR FRAME	445T
PHASE / CYCLE / VOLTAGE	3/60/460
FURNISHED BY	OTHERS
MOUNTED BY	TCF

CUSTOMER	BARR-ROSIN, INC.
JOB NAME	BRI 2409/44
JOB LOCATION	-
CONSULTING ENGINEER	-
S.O. NUMBER	234050
CUST. P.O. No.	2409/44
TAG UNIT	FANC/11
THE DESIGN SHOWN ON THIS DRAWING IS THE EXCLUSIVE PROPERTY OF TWIN CITY FAN COMPANIES, LTD. IT IS NOT TO BE USED FOR ANY PURPOSE OR ITS CONTENTS DISCLOSED WITHOUT OUR WRITTEN CONSENT.	

DRAWN BY	KSJ
DATE	4/5/07
CHKD BY	KJ
DATE	4/5/07
PART NO.	-
MATERIAL	-
FILE	234050-002-01

 <b>Twin City Fan Companies, Ltd.</b> Aerovent • Fiber-Aire • TC Axial • TC Ventco • Twin City Fan & Blower Member of Air Movement and Control Association 5959 Trenton Lane - Minneapolis, MN 55442-3238					<b>TITLE</b> UNITARY BASE ASSEMBLY				
SCALE	NTS	DRAWING NO.	BC234050	ROW	002	ITEM	01	REV.	-

C:\DOCUMENTS\BARRAD\234050-002-01.dwg 2007/04/10 9:55:27 AM Carole Baradis