

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 9908897
Insp Area: 1

Site Address: 331 J ST SAC
Parcel No: 006-0024-052

Floors 1 + 2

Sub-Type: ACOM
Housing (Y/N): N

CONTRACTOR
COMMERCIAL MECHANICAL SERV
2439 FRONEST
WEST SAC, CA 40338

OWNER
WONG CENTER
331 J ST #110
SACRAMENTO CA 95814

ARCHITECT

**Nature of Work: MECHANICAL UPGRADES:REPLACE ROOFTOP CHILLER, REBUILD/REPAIR
1ST AND 2ND FLR FAN COILS,UPGRADE FRESH AIR SYSTEM**

CONSTRUCTION LENDING AGENCY : I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class 38 License Number 2242022 Date 12/1 Contractor Signature [Signature]

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code, any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00).

I am the owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code. The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I am the owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code). The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor licensed pursuant to the Contractors License Law.

I am exempt under Sec. _____ B & PC for this reason: _____

Date _____ Owner Signature [Signature]

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of an improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date _____ Applicant Agent Signature [Signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier [Signature] Policy Number WC 2-161-037510-019 Exp Date 1-1-00

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date _____ Applicant Signature [Signature]

WARNING - FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

CITY OF SACRAMENTO

APPLICATION FOR COMMERCIAL BUILDING PERMIT

DEVELOPMENT SERVICES DIVISION
 PERMIT SERVICES SECTION
 1231 I Street, Rm. 200
 Sacramento, CA 95814 (916) 264-7619 FAX 264-7046

ACTIVITY # 9908897 Insp. Area C

ADDRESS 331 "J" STREET (The Wong Center) FLOORS 1 & 2
 PARCEL # 006-0024-052-000 Suite ←

Applicant MUST complete ALL Unshaded areas

CONTACT		LICENSED CONTRACTOR Lic No. #	
Name <u>PATRICIA BARWARD, A.I.A.</u>		Name <u>To be arranged</u>	
Address <u>4777 AUBURN BLVD., Suite 200</u>		Address _____	
Phone <u>348-2870</u> FAX <u>348-2872</u>		Phone _____ FAX _____	
E-mail <u>pbarward@pbai.net</u>		E-mail _____	
ARCHITECT/ENGINEER		OWNER	
Name <u>SAME AS ABOVE</u>		Name <u>Wong Benevolent Association</u>	
Address _____		Address _____	
Phone _____ FAX _____		Phone _____ FAX _____	
E-mail _____		E-mail _____	

→ Will permittee have any employees on the jobsite? No Yes → INSURANCE CO: _____
 → WORKER'S COMPENSATION POLICY # _____ EXPIRATION DATE: _____

NATURE OF WORK IN DETAIL: replace rooftop chiller, rebuild/repair 1st/2nd floor fan coils, upgrade fresh air system
\$150,000

OCCUPANT/TENANT: THE WONG CENTER VALUATION: \$200,000

FLOOD STATUS:		S.C.A.T. <u>X1</u>		PARTIAL PERMIT ISSUED FOR \$0,000						
JOB DESCRIPTION		BLDG	SHELL	APT	TI()	REM <input checked="" type="checkbox"/>	SW	FIRE	ADD	OTH
INSPECTION DISCIPLINES		<input checked="" type="checkbox"/> BLDG	<input checked="" type="checkbox"/> MECH	<input checked="" type="checkbox"/> PLUMB	<input checked="" type="checkbox"/> ELEC	SITE		FIRE		
# Stories	1st flr Area	Total Area	Use Zone	Occp Group	Const type	Fire Req <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Fed Code	Vio. File		
<u>B</u>	<u>L</u>	<u>P</u>	<u>M</u>	<u>B/R III-N</u>	<u>F</u>	<input checked="" type="checkbox"/> SPR <input type="checkbox"/> ALARM	<u>15/04</u>	[H]	[Quad]	
						<u>NONE</u>	<u>D</u>	PW	UTIL	

COMMENTS: see plan SW.

REGIONAL SANITATION FEES? Yes No HEALTH DEPARTMENT? Yes No
 WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS? Provided Faxed



FAN TEST SHEET

AREA SERVED 2nd FLOOR

INSTALLED EQUIPMENT

MOTOR NAMEPLATE DATA

MFG	BALDOR		
HP	2	V	208
PH	3	SF	1.15
FLA	6.1	RPM	1725
MOTOR FRAME #	145T		
SHEAVE DATA: MOTOR (1)			
DIA	1VP68	SHAFT	7/8"
ADJ P.D.	MIN	FIXED	-
BELT CENTER LINE	14 1/2"		

FAN NAMEPLATE DATA

MFG	WESTING HOUSE		
MODEL	NL		
TYPE	"		
SIZE	"		
SERIAL #	"		
SHEAVE DATA: FAN (1)			
DIA	BC128	SHAFT	1"
BELTS	(1) B58		
DIRECT DRIVE	<input type="checkbox"/>		

SCHEDULED/SUBMITTED DATA

FAN CFM	5400
TSP / ESP	1.25
RPM	NL
BHP	"
R.A.	"
O.A. CFM	"

DESIGN OUTLET/INLET

TOTAL CFM	4550
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TESTED OUTLET/INLET

TOTAL CFM	4645
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TRAVERSE TOTAL

TOTAL CFM	NT
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MOTOR TEST DATA

VOLTS	210
AMPS	6.0 / 6.1 / 6.1
RPM	1740
BHP	1.99
SPEED SET.	-

FAN TEST DATA

RPM	744
SP-	.22
SP+	.39
TSP / ESP	.61
FILTER SP	.13
CFM TOTAL	4645
CFM RA	100%
CFM OA MIN.	-

ROOM NO.	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	REQUIRED		TESTED		
					FPM VEL	CFM	FPM VEL	CFM	
	1	CD	24x24			300		310	
	2	"	"			400		380	
	3	"	"			300		295	
	4	"	"			400		360	
	5	"	"			300		300	
	6	"	"			400		390	(2)
	7	"	"			300		330	
	8	"	"			"		325	
	9	"	"			"		280	(2)
	10	"	"			"		285	
	11	"	"			"		270	
	12	"	"			"		270	
	13	"	"			"		600	(2)
	14	"	"			"		250	
						-----		-----	
				TOTAL		4550		4645	

Remarks:

(1) TYPICAL OF 2 SHEEVES

(2) NO VD. ADJUSTED WITH OBDS WHERE POSSIBLE.



FAN TEST SHEET

AREA SERVED 1st FLOOR

INSTALLED EQUIPMENT

MOTOR NAMEPLATE DATA

MFG	BALDOR		
HP	1.5	V	208
PH	3	SF	1.15
FLA	4.8	RPM	1740
MOTOR FRAME #	145T		
SHEAVE DATA: MOTOR			
DIA	1B50SDS	SHAFT	7/8"
ADJ P.D.	-	FIXED	YES
BELT CENTER LINE	20"		

FAN NAMEPLATE DATA

MFG	WESTING HOUSE		
MODEL	NL		
TYPE	"		
SIZE	"		
SERIAL #	"		
SHEAVE DATA: FAN			
DIA	BC128	SHAFT	1"
BELTS	(1) B111		
DIRECT DRIVE	<input type="checkbox"/>		

SCHEDULED/SUBMITTED DATA

FAN CFM	5540
TSP / ESP	1.25
RPM	NL
BHP	"
R.A.	"
O.A. CFM	SEE OA1

DESIGN OUTLET/INLET

TOTAL CFM	3200
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TESTED OUTLET/INLET

TOTAL CFM	3095
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TRAVERSE TOTAL

TOTAL CFM	NT
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MOTOR TEST DATA

VOLTS	212
AMPS	5.3 / 4.3 / 4.5
RPM	N/A
BHP	1.46
SPEED SET.	-

FAN TEST DATA

RPM	742
SP-	.29
SP+	.23
TSP / ESP	.52
FILTER SP	.28
CFM TOTAL	309.5
CFM RA	100%
CFM OA MIN.	SEE OA1

ROOM NO.	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	REQUIRED		TESTED		
					FPM VEL	CFM	FPM VEL	CFM	
NL	1	CD	24x24			400		400	
"	2	"	"			"		415	
"	3	"	"			"		400	
"	4	"	"			"		400	
"	5	"	"			"		400	
"	6	"	"			"		420	
"	7	"	"			"		270	(1)
"	8	"	"			"		390	
						----		----	
				TOTAL		3200		3095	

Remarks:

(1) 8"Ø DUCT. ATTEMPTS TO PROPORTION RESULTED IN LOSS OF SYSTEM AIR & EXCESSIVE NOISE.



FAN TEST SHEET

AREA SERVED 1ST FLOOR

INSTALLED EQUIPMENT

MOTOR NAMEPLATE DATA

MFG	BALDOR		
HP	1.5	V	208
PH	3	SF	-
FLA	4.8	RPM	1470
MOTOR FRAME #	145T		
SHEAVE DATA: MOTOR (1)			
DIA	-	SHAFT	7/8"
ADJ P.D.	-	FIXED	BK52
BELT CENTER LINE	14"		

FAN NAMEPLATE DATA

MFG	WESTING HOUSE		
MODEL	NL		
TYPE	"		
SIZE	"		
SERIAL #	NL		
SHEAVE DATA: FAN (1)			
DIA	2-BK52	SHAFT	7/8"
BELTS	(2) B56		
DIRECT DRIVE	<input type="checkbox"/>		

SCHEDULED/SUBMITTED DATA

FAN CFM	4250
TSP / ESP	1.25"
RPM	-
BHP	-
R.A.	-
O.A. CFM	SEE OA1

DESIGN OUTLET/INLET

TOTAL CFM	2200
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TESTED OUTLET/INLET

TOTAL CFM	2340
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TRAVERSE TOTAL

TOTAL CFM	NT
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MOTOR TEST DATA

VOLTS	210
AMPS	3.9 / 4.5 / 4.7
RPM	1750
BHP	-
SPEED SET.	-

FAN TEST DATA

RPM	678
SP-	.10"
SP+	.25"
TSP / ESP	.35"
FILTER SP	.05"
CFM TOTAL	2340
CFM RA	100%
CFM OA MIN.	SEE OA1

ROOM NO.	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	REQUIRED		TESTED	
					FPM VEL	CFM	FPM VEL	CFM
	1	CD	24x24				400	
	2	"	"				"	430
	3	"	"				"	430
	4	"	"			NI	NOT	INSTALLED
	5	"	"			200		200(2)
	6	"	"			800		880
						-----		-----
				TOTAL	SUPPLY	2200		2340

Remarks:

- (1) DOUBLE FAN UNIT.
- (2) VD FULLY CLOSED.



FAN TEST SHEET

AREA SERVED 1ST FLOOR

INSTALLED EQUIPMENT

MOTOR NAMEPLATE DATA

MFG	BALDOR		
HP	2	V	208
PH	3	SF	1.15
FLA	6.1	RPM	1725
MOTOR FRAME #	145T		
SHEAVE DATA: MOTOR (1)			
DIA	B52SDS	SHAFT	7/8"
ADJ P.D.	-	FIXED	YES
BELT CENTER LINE	12 1/2"		

FAN NAMEPLATE DATA

MFG	WESTING HOUSE		
MODEL	NL		
TYPE	"		
SIZE	"		
SERIAL #	"		
SHEAVE DATA: FAN (1)			
DIA	BC128	SHAFT	1"
BELTS	(1) B58		
DIRECT DRIVE	<input type="checkbox"/>		

SCHEDULED/SUBMITTED DATA

FAN CFM	4250
TSP / ESP	1.50"
RPM	NL
BHP	"
R.A.	"
O.A. CFM	"

DESIGN OUTLET/INLET

TOTAL CFM	4000
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TESTED OUTLET/INLET

TOTAL CFM	4075
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TRAVERSE TOTAL

TOTAL CFM	NT
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MOTOR TEST DATA

VOLTS	213
AMPS	5.7 / 5.6 / 5.5
RPM	1753
BHP	1.84
SPEED SET.	-

FAN TEST DATA

RPM	677
SP-	.18
SP+	.46
TSP / ESP	.64
FILTER SP	.08
CFM TOTAL	4075
CFM RA	100%
CFM OA MIN.	-

ROOM NO.	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	REQUIRED		TESTED			
					FPM VEL	CFM	FPM VEL	CFM		
	1	CD	24x24			500		530		
	2	"	"			"		500		
	3	"	"			"		500		
	4	"	"			"		520		
	5	"	"			"		520		
	6	"	"			"		500		
	7	"	"			300		290		
	8	"	"			"		295		
	9	"	"			400		420		
						-----		-----		
					TOTAL		4000		4075	

Remarks:

(1) TYPICAL OF 2 SHEEVES



FAN TEST SHEET

AREA SERVED 2nd FLOOR

INSTALLED EQUIPMENT

MOTOR NAMEPLATE DATA

MFG	BALDOR		
HP	3	V	208
PH	3	SF	1.15
FLA	9.3	RPM	1760
MOTOR FRAME #	182T		
SHEAVE DATA: MOTOR (1)			
DIA	1B52SDS	SHAFT	1 1/8"
ADJ.P.D.	-	FIXED	YES
BELT CENTER LINE	12 1/2"		

SCHEDULED/SUBMITTED DATA

FAN CFM	6050
TSP / ESP	1.50
RPM	NL
BHP	"
R.A.	"
O.A. CFM	"

MOTOR TEST DATA

VOLTS	213
AMPS	9.0 / 8.9 / 8.6
RPM	1768
BHP	2.85
SPEED SET.	-

FAN NAMEPLATE DATA

MFG	WESTING HOUSE		
MODEL	NL		
TYPE	"		
SIZE	"		
SERIAL #	"		
SHEAVE DATA: FAN (1)			
DIA	B1110	SHAFT	1"
BELTS	(1) B64		
DIRECT DRIVE	<input type="checkbox"/>		

DESIGN OUTLET/INLET

TOTAL CFM	3500
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TESTED OUTLET/INLET

TOTAL CFM	3350
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TRAVERSE TOTAL

TOTAL CFM	NT
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FAN TEST DATA

RPM	867
SP-	.12
SP+	.35
TSP / ESP	.47
FILTER SP	.12
CFM TOTAL	3350
CFM RA	100%
CFM OA MIN.	-

ROOM NO.	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	REQUIRED		TESTED		
					FPM VEL	CFM	FPM VEL	CFM	
	1	CD	24x24			300	270		
	2	"	"			"	300		
	3	"	"			"	235	(2)	
	4	"	"			400	380		
	5	"	"			300	280		
	6	"	"			"	310		
	7	"	"			"	270	(3)	
	8	"	"			"	315		
	9	"	"			400	410		
	10	"	"			300	290		
	11	"	"			"	280		
						-----	-----		
				TOTAL		3500	3350		

Remarks:

(1) TYPICAL OF 2 SHEEVES

(2) VD IS FULLY OPEN

(3) VD IS JUST ABOVE THE DIFFUSER. HIGHER VOLUME RESULTS IN EXCESSIVE NOISE.



FAN TEST SHEET

AREA SERVED 2nd

INSTALLED EQUIPMENT

MOTOR NAMEPLATE DATA

MFG	BALDOR		
HP	2	V	208
PH	3	SF	1.15
FLA	6.1	RPM	1725
MOTOR FRAME #	145T		
SHEAVE DATA: MOTOR (1)			
DIA	BK52H	SHAFT	7/8"
ADJ.P.D.	-	FIXED	YES
BELT CENTER LINE	15"		

SCHEDULED/SUBMITTED DATA

FAN CFM	4250
TSP / ESP	1.50
RPM	NL
BHP	"
R.A.	"
O.A. CFM	"

MOTOR TEST DATA

VOLTS	213
AMPS	5.6 / 5.8 / 5.7
RPM	1753
BHP	1.88
SPEED SET.	-

FAN NAMEPLATE DATA (1)

MFG	WESTING HOUSE		
MODEL	NL		
TYPE	"		
SIZE	"		
SERIAL #	"		
SHEAVE DATA: FAN			
DIA	B128	SHAFT	1"
BELTS	(1) B58		
DIRECT DRIVE	<input type="checkbox"/>		

DESIGN OUTLET/INLET

TOTAL CFM	3760
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TESTED OUTLET/INLET

TOTAL CFM	3750
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TRAVERSE TOTAL

TOTAL CFM	NT
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FAN TEST DATA

RPM	681
SP-	.29
SP+	.42
TSP / ESP	.71
FILTER SP	.10
CFM TOTAL	3750
CFM RA	100%
CFM OA MIN.	-

ROOM NO.	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	REQUIRED		TESTED	
					FPM VEL	CFM	FPM VEL	CFM
	1	CD	24x24			250	250	
	2	"	"			"	250	
	3	"	"			380	400	
	4	"	"			215	210	
	5	"	"			400	410	
	6	"	"			100	100	
	7	"	"			"	105	
	8	"	"			620	560	
	9	"	"			375	400	
	10	"	"			220	215	
	11	"	"			"	220	
	12	"	"			"	225	
	13	"	"			195	195	
	14	"	"			215	210	
						-----	-----	
				TOTAL		3760	3750	

Remarks:



FAN TEST SHEET

AREA SERVED 1ST FLOOR

INSTALLED EQUIPMENT

MOTOR NAMEPLATE DATA

MFG	BALDOR		
HP	2	V	208
PH	3	SP	1.15
FLA	6.1	RPM	1725
MOTOR FRAME #	145T		
SHEAVE DATA: MOTOR (1)			
DIA	BK62H	SHAFT	7/8"
ADJ.P.D.	-	FIXED	YES
BELT CENTER LINE	14"		

SCHEDULED/SUBMITTED DATA

FAN CFM	4960
TSP / ESP	1.5
RPM	NL
BHP	"
R.A.	"
O.A. CFM	"

MOTOR TEST DATA

VOLTS	212
AMPS	5.4 / 5.6 / 5.5
RPM	1741
BHP	1.80
SPEED SET.	-

FAN NAMEPLATE DATA

MFG	WESTING HOUSE		
MODEL	NL		
TYPE	"		
SIZE	"		
SERIAL #	"		
SHEAVE DATA: FAN (1)			
DIA	BC128	SHAFT	1"
BELTS	(1) B58		
DIRECT DRIVE	<input type="checkbox"/>		

DESIGN OUTLET/INLET

TOTAL CFM	3850
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TESTED OUTLET/INLET

TOTAL CFM	3845
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TRAVERSE TOTAL

TOTAL CFM	NT
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FAN TEST DATA

RPM	703
SP-	.28
SP+	.38
TSP / ESP	.66
FILTER SP	.10
CFM TOTAL	3930
CFM RA	100%
CFM OA MIN.	-

ROOM NO.	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	REQUIRED		TESTED		
					FPM VEL	CFM	FPM VEL	CFM	
	1	CD	24x24			250		255	
	2	"	"			"		260	
	3	"	"			500		480	
	4	"	"			250		270	
	5	"	"			"		285	
	6	"	"			400		370	
	7	"	"			"		400	
	8	"	"			"		440	
	9	"	"			"		410	
	10	"	"			"		400	
	11	"	"			350		275	(2)
						-----		-----	
				TOTAL		3850		3845	

Remarks:

(1) TYPICAL OF 2 SHEEVES (2) 8"Ø DUCT. SEE NOTE PAGE 1



FAN TEST SHEET

AREA SERVED 2nd FLOOR

INSTALLED EQUIPMENT

MOTOR NAMEPLATE DATA

MFG	BALDOR		
HP	1 1/2	V	208
PH	3	SF	1.15
FLA	4.8	RPM	1725
MOTOR FRAME #	145T		
SHEAVE DATA: MOTOR (1)			
DIA	BK52	SHAFT	7/8"
ADJ P.D.	-	FIXED	YES
BELT CENTER LINE	13 1/2"		

SCHEDULED/SUBMITTED DATA

FAN CFM	4250
TSP / ESP	1.25
RPM	NL
BHP	"
R.A.	"
O.A. CFM	"

MOTOR TEST DATA

VOLTS	212
AMPS	3.8 / 3.6 / 3.7
RPM	1765
BHP	1.13
SPEED SET.	-

DESIGN OUTLET/INLET

TOTAL CFM	2900
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TESTED OUTLET/INLET

TOTAL CFM	2990
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TRAVERSE TOTAL

TOTAL CFM	NT
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FAN TEST DATA

RPM	671
SP-	.19
SP+	.36
TSP / ESP	.55
FILTER SP	.12
CFM TOTAL	2990
CFM RA	100%
CFM OA MIN.	-

FAN NAMEPLATE DATA

MFG	WESTING HOUSE		
MODEL	NL		
TYPE	"		
SIZE	"		
SERIAL #	"		
SHEAVE DATA: FAN (1)			
DIA	BC128	SHAFT	1"
BELTS	(1) B59		
DIRECT DRIVE	<input type="checkbox"/>		

ROOM NO.	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	REQUIRED		TESTED	
					FPM VEL	CFM	FPM VEL	CFM
	1	CD	24x24			300		330
	2	"	"			"		315
	3	"	"			"		330
	4	"	"			400		410
	5	"	"			"		410
	6	"	"			"		405
	7	"	"			"		370
	8	"	"			"		420
						-----		-----
				TOTAL		2900		2990

Remarks:

(1) TYPICAL OF 2 SHEEVES