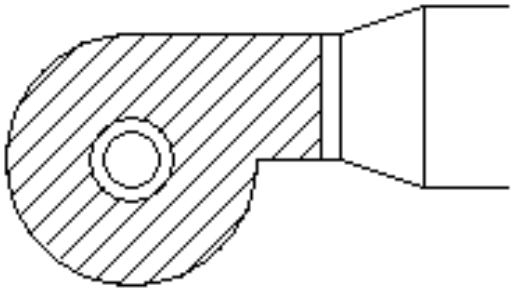


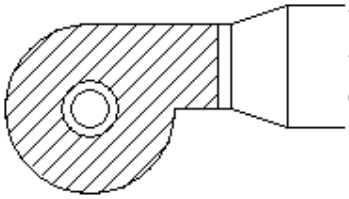
NEW TAB of GREEN BAY, INC.

978 Lakeview Drive
Green Bay, WI 54313
Tel: (920)-434-0840
Fax: (920)-434-0240

TEST, ADJUST AND BALANCE REPORT

SEPTEMBER, 2005

PROJECT	UW STEVENS POINT #04A3K
	BERG GYMNASIUM
	STEVENS POINT, WISCONSIN
ARCHITECT	RAASCH ASSOCIATES
	GREEN BAY, WISCONSIN
ENGINEER	RAASCH ASSOCIATES
	GREEN BAY, WISCONSIN
CONTRACTOR	SCHECK MECHANICAL, INC.
	APPLETON, WISCONSIN



NEW TAB of
GREEN BAY, INC.

CERTIFICATION

PROJECT UW STEVENS POINT #04A3K

ADDRESS STEVENS POINT, WI

THE DATA PRESENTED IN THIS REPORT IS AN EXACT RECORD OF SYSTEM PERFORMANCE AND WAS OBTAINED IN ACCORDANCE WITH NEBB STANDARD PROCEDURES. ANY VARIANCES FROM DESIGN QUANTITIES WHICH EXCEED NEBB TOLERANCES ARE NOTED THROUGHOUT THIS REPORT.

THE AIR DISTRIBUTION SYSTEMS HAVE BEEN TESTED AND BALANCED AND FINAL ADJUSTMENTS HAVE BEEN MADE IN ACCORDANCE WITH NEBB "PROCEDURAL STANDARDS FOR TESTING - ADJUSTING - BALANCING OF ENVIRONMENTAL SYSTEMS" AND THE PROJECT SPECIFICATIONS.

NEBB CONTRACTOR NEW TAB of GREEN BAY, INC.

REG. NO 2949 CERTIFIED BY Ken Sikora DATE SEPTEMBER, 2005

THE HYDRONIC DISTRIBUTION SYSTEMS HAVE BEEN TESTED AND BALANCED AND FINAL ADJUSTMENTS HAVE BEEN MADE IN ACCORDANCE WITH NEBB "PROCEDURAL STANDARDS FOR TESTING - ADJUSTING - BALANCING OF ENVIRONMENTAL SYSTEMS" AND THE PROJECT SPECIFICATIONS.

NEBB CONTRACTOR NEW TAB of GREEN BAY, INC.

REG. NO 2949 CERTIFIED BY Ken Sikora DATE SEPTEMBER, 2005

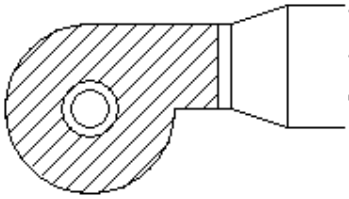
SUBMITTED AND CERTIFIED BY:

NEBB CONTRACTOR NEW TAB of GREEN BAY, INC.

TAB SUPERVISOR Ken Sikora

REG. NO. 2949

DATE SEPTEMBER, 2005



NEW TAB of
GREEN BAY, INC.

Instrument Calibration

PROJECT _____

INSTRUMENT/SERIAL #	APPLICATION	DATES OF USE	CALIBRATION TEST DATE
DWYER / 657350	STATIC PRESSURES	01-16-06	01-10-05
EXTECH / L512292	RPM	01-16-06	01-10-05
FLUKE / 77050205	TEMPERATURES	01-16-06	01-10-05
FLUKE / 61961068R	VOLTS/AMPS	01-16-06	01-10-05
SHORTRIDGE / M92564	DUCT TRAVERSE	01-16-06	01-10-05
SHORTRIDGE / M92564	FLOW HOOD	01-16-06	01-10-05
SHORTRIDGE / M92564	DUCT TRAVERSE	01-16-06	01-10-05
SHORTRIDGE / M92564	FLOW HOOD	01-16-06	01-10-05
/ M93104		01-16-06	
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PROJECT UW STEVENS POINT #04A3K

RE: O.A. and S.A. settings

01 Mode 1 (Min. occ.) with 750 cfm O.A. at 50% each. The Actual is SF-1 at 833 and SF-2 at 772.

02 Mode 2 (Open Gym/PE Class) with 1500 cfm O.A. 100% S.A. The Actual of SF-1 is 1667. SF-2 is 1530.

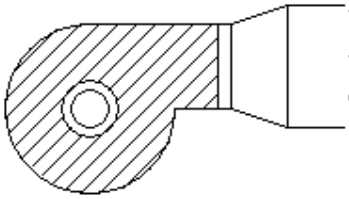
03 Mode 3 (Sporting Event) 5500 cfm O.A. 100% S.A. The actual is SF-1 6115 and SF-2 5665.

04 Mode 4 (Max. Capacity) is 8250 cfm O.A. 100% S.A. The actual is SF-1 9173 cfm and SF-2 85497 cfm.

PROJECT UW STEVENS POINT #04A3K

SUMMARY FOR DSF # 04A3K

01 WE COULD NOT GAIN ACCESS TO THE DUCTWORK BELOW RX-2 AND RX-3 TO DO A DUCT TRAVERSE. THEREFORE, USING RPM AND SP ON THE FAN CURVE; WE DETERMINED THE AIRFLOWL . IN FACT, THE ACTUAL RPM AND SP ARE REASONABLY CLOSE TO THAT SPECIFIED.



NEW TAB of GREEN BAY, INC.

Fan Test Report

PROJECT UW STEVENS POINT #04A3K

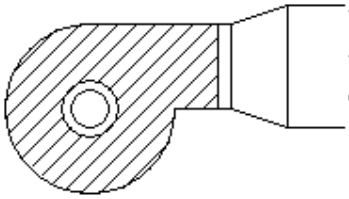
LOCATION STEVENS POINT, WI

FAN DATA	**FAN NO.** RX-1		**FAN NO.** RX-2		**FAN NO.** RX-3	
LOCATION	ROOF		ROOF		ROOF	
SERVICE	EXHAUST		EXHAUST		EXHAUST	
MANUFACTURER	COOK		COOK		COOK	
MODEL NO.	210 HLC		210 HLC		210 HLC	
SERIAL NO.	012S829392/1601		012S829392/1602		012S829392/1603	
TYPE / CLASS	- /		- /		- /	
MOTOR MAKE / STYLE	MARATHON /		MARATHON /		MARATHON /	
MOTOR HP/RPM/FRAME	3/4 / 1725 / 56		3/4 / 1725 / 56		3/4 / 1725 / 56	
VOLTS/PHASE/HERTZ	200 / 3 / 60.		200 / 3 / 60.		200 / 3 / 60.	
F.L. AMPS / S.F.	3.2 / 1.25		3.2 / 1.25		3.2 / 1.25	
MTR SHEAVE MAKE/MODEL	BROWNING /		BROWNING /		BROWNING /	
MTR SHEAVE DIAM/BORE	3-1/4" / 5/8"		3-1/4" / 5/8"		3-1/4" / 5/8"	
FAN SHEAVE MAKE	BROWNING		BROWNING		BROWNING	
FAN SHEAVE DIAM/BORE	5-1/4" / 3/4"		5-1/4" / 3/4"		5-1/4" / 3/4"	
NO. BELTS MAKE/SIZE	1 / GOODYEAR / A50		1 / GOODYEAR / A50		1 / GOODYEAR / A50	
SHEAVE DISTANCE	20"		20"		20"	
BUSHING FILTER	OPEN		OPEN		OPEN	
TEST DATA	**DESIGN**	**ACTUAL**	**DESIGN**	**ACTUAL**	**DESIGN**	**ACTUAL**
CFM (l/s)	4500	4500	4500	4400	4500	4500
FAN RPM	798	807	798	795	798	801
S.P. IN / OUT	- /	.17 / 0	- /	.15 / 0	- /	.18 / 0
TOTAL S.P.	.2	.17	.2	.15	.2	.18
VOLTAGE	200	206/206/207	200	207/207/206	200	207/206/207
AMPERAGE	3.2	2.2/2.2/2.5	3.2	2.1/2.3/2.4	3.2	2.3/2.4/2.5
OUTSIDE AIR O.A.						

Remarks: RX-1: NO ACCESS TO TRAVERSE THE ABOVE THREE FANS. (RX-1,2 & 3) AIRFLOW DETERMINED OFF THE MNFG'S FAN CURVES.

TEST DATE: SEPTEMBER 06, 2005

READINGS BY: Mike Hutchinson



NEW TAB of GREEN BAY, INC.

Fan Test Report

PROJECT UW STEVENS POINT #04A3K

LOCATION STEVENS POINT, WI

FAN DATA	**FAN NO.** RX-4		**FAN NO.** SF-1		**FAN NO.** SF-2	
LOCATION	ROOF		SOUTH M. ROOM		SOUTH M. ROOM	
SERVICE	EXHAUST		-			
MANUFACTURER	COOK		COOK		COOK	
MODEL NO.	402 HLC		365 CAS		365 CAS	
SERIAL NO.	012S829392/2901		012S829392/3901		012S829392/5801	
TYPE / CLASS	- /		- / 1		- / 1	
MOTOR MAKE / STYLE	BALDOR /		BALDOR /		BALDOR /	
MOTOR HP/RPM/FRAME	5 / 1750 / 184T		15 / 1765 / 254T		15 / 1765 / 254T	
VOLTS/PHASE/HERTZ	200 / 3 / 60		200 / 3 / 60		200 / 3 / 60	
F.L. AMPS / S.F.	15 / 1.15		40.7 / 1.15		40.7 / 1.15	
MTR SHEAVE MAKE/MODEL	BROWNING /		BROWNING /		BROWNING /	
MTR SHEAVE DIAM/BORE	6" /		7-1/2" / Q1 1-5/8		7-1/2" / Q1 - 1-7/8"	
FAN SHEAVE MAKE	BROWNING		BROWNING		BROWNING	
FAN SHEAVE DIAM/BORE	15-1/4" / 1-5/16		16-1/2" / Q1-1-15/16		16-1/2" / Q1 1-15/16	
NO. BELTS MAKE/SIZE	2 / GOODYEAR / A92		2 / BROWNING / B133		2 / BROWNING / B133	
SHEAVE DISTANCE	30-1/2"		50"		50"	
BUSHING FILTER	2 TURNS TO OPEN		15/TA/24-24-2		15/TA/24-24-2	
TEST DATA	**DESIGN**	**ACTUAL**	**DESIGN**	**ACTUAL**	**DESIGN**	**ACTUAL**
CFM (l/s)	21000	21010	18800	20904	18800	19363
FAN RPM	504	515	876	637	876	705
S.P. IN / OUT	- /	.47 / 0	- /	.51 / .70	- /	.68 / .81
TOTAL S.P.	.25	.47	2.0	1.21	2.0	1.49
VOLTAGE	200	201/202/200	200	207/208/207	200	207/206/206
AMPERAGE	15	14.9/14.6/13.5	40.7	27.1/26.6/26.5	40.7	26.4/27.6/26.6
OUTSIDE AIR O.A.						

Remarks:

TEST DATE: SEPTEMBER 06, 2005

READINGS BY: Mike Hutchinson

NEW TAB of GREEN BAY, INC.

Rectangular Duct Traverse Test Report

PROJECT UW STEVENS POINT #04A3K SYSTEM/UNIT RX-4

LOCATION STEVENS POINT, WI SERVICE

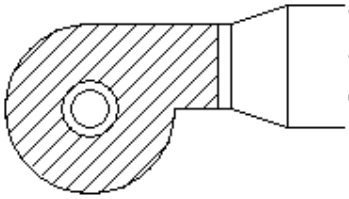
ALTITUDE DENSITY CORR. FACTOR 1.0

DUCT				REQUIRED				ACTUAL			
S.P.		AIR TEMP				SCFM(SL/S)				SCFM(SL/S)	
SIZE	141 x 39	AREA	38.19	FPM(M/S)	550	CFM(L/S)	21000	FPM(M/S)	530	CFM(L/S)	20245

	DISTANCE FROM DUCT EDGE	6-3/8	19-1/4	32	44-7/8	57-5/8	70-1/2	83-3/8	96-1/8	109	121-3/4	134-5/8
DISTANCE FROM BOTTOM	POS	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
2-3/4	**1**	456	477	539	510	645	683	357	455	539		
8-3/8	**2**	442	509	486	488	647	747	374	477	566		
13-7/8	**3**	436	512	560	569	640	720	414	484	556		
19-1/2	**4**	446	481	509	604	629	668	433	498	529		
25-1/8	**5**											
30-5/8	**6**											
36-1/4	**7**											
	8											
	9											
	10											
	11											
	VELOCITY SUB-TOTALS	1780	1979	2094	2171	2561	2818	1578	1914	2190		

Remarks:

TEST DATE: 06-09-05 READINGS BY: Mike Hutchinson



NEW TAB of GREEN BAY, INC.

Air Outlet (Flow Hood) Test Report

PROJECT UW STEVENS POINT #04A3K SYSTEM/UNIT RX-4

OUTLET MANUFACTURER _____ TEST APPARATUS _____

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	% OF DSGN
	NO.	TYPE	SIZE	AIRFLOW CFM	AIRFLOW CFM		AIRFLOW CFM	
RX-4								
GYM 100	01	GR	48X40	7000	6500		6860	
GYM 100	02	GR	48X40	7000	8390		7340	
GYM 100	03	GR	48X40	7000	6310		6810	
			TOTAL	21000	21200		21010	

TEST DATE: SEPTEMBER 14, 2005 READINGS BY: MIKE HUTCHINSON

NEW TAB of GREEN BAY, INC.

Rectangular Duct Traverse Test Report

PROJECT UW STEVENS POINT #04A3K SYSTEM/UNIT SF-1

LOCATION STEVENS POINT, WI SERVICE

ALTITUDE DENSITY CORR. FACTOR 1.0

DUCT				REQUIRED				ACTUAL			
S.P.		AIR TEMP				SCFM(SL/S)				SCFM(SL/S)	
SIZE	119 x 72	AREA	59.50	FPM(M/S)	316	CFM(L/S)	18800	FPM(M/S)	447	CFM(L/S)	26614

DISTANCE FROM DUCT EDGE		5-3/8	16-1/4	27	37-7/8	48-5/8	59-1/2	70-3/8	81-1/8	92	102-3/4	113-5/8
DISTANCE FROM BOTTOM	POS	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
3-1/4	**1**	443	563	561	422	604	533	391	361	461	499	
9-7/8	**2**	498	547	513	506	454	522	453	469	445	518	
16-3/8	**3**	472	488	435	406	447	541	456	512	337	571	
22-7/8	**4**	328	424	475	509	454	460	512	494	475	483	
29-1/2	**5**	432	305	472	373	471	259	394	425	331	440	
36	**6**	330	321	339	353	361	392	431	446	501	420	
42-1/2	**7**											
49-1/8	**8**											
55-5/8	**9**											
62-1/8	**10**											
68-3/4	**11**											
VELOCITY SUB-TOTALS		2503	2648	2795	2569	2791	2707	2637	2707	2550	2931	

Remarks: ABOVE READINGS TAKEN AT 60 HZ OR 811 FAN RPM. FINAL DESIGN AIR FLOW IS 41 HZ, VIA THE VFD. NOTIFIED JOHNSON CONTROLS TO SET.

TEST DATE: 06-09-05 READINGS BY: Mike Hutchinson

NEW TAB of GREEN BAY, INC.

Air Outlet (Flow Hood) Test Report

PROJECT UW STEVENS POINT #04A3K SYSTEM/UNIT SF-1

OUTLET MANUFACTURER _____ TEST APPARATUS _____

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	% OF DSGN
	NO.	TYPE	SIZE	AIRFLOW CFM	AIRFLOW CFM		AIRFLOW CFM	
SF-1 / R.A.								
GYM 100	01	RA	48X72	9400	8269		8269	
GYM 100	02	RA	48X72	9400	8455		8455	
			TOTAL	18800	16724		16724	
	THE FINAL R.A. OF 16724 CFM, PLUS THE REQUIRED O.A., WILL EQUAL THE FINAL S.A. CFM OF 20904.							

SF-1 / S.A.								
GYM 100	01	SA	48X72	9400	14312		10975	
GYM 100	02	SA	48X72	9400	12302		9929	
			TOTAL	18800	26614		20904	

TEST DATE: SEPTEMBER 14, 2005 READINGS BY: MIKE HUTCHINSON

NEW TAB of GREEN BAY, INC.

Rectangular Duct Traverse Test Report

PROJECT UW STEVENS POINT #04A3K SYSTEM/UNIT SF-2

LOCATION STEVENS POINT, WI SERVICE

ALTITUDE DENSITY CORR. FACTOR 1.0

DUCT				REQUIRED				ACTUAL			
S.P.		AIR TEMP				SCFM(SL/S)				SCFM(SL/S)	
SIZE	119 x 72	AREA	59.50	FPM(M/S)	316	CFM(L/S)	18800	FPM(M/S)	372	CFM(L/S)	22110

	DISTANCE FROM DUCT EDGE	5-3/8	16-1/4	27	37-7/8	48-5/8	59-1/2	70-3/8	81-1/8	92	102-3/4	113-5/8
DISTANCE FROM BOTTOM	POS	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
3-1/4	**1**	321	317	310	310	225	296	445	390	435	526	
9-7/8	**2**	210	317	394	320	471	439	432	428	487	664	
16-3/8	**3**	299	335	307	327	316	475	442	486	425	576	
22-7/8	**4**	329	332	365	397	407	415	376	325	434	376	
29-1/2	**5**	215	256	386	359	404	271	472	520	488	415	
36	**6**	221	224	156	220	376	370	263	414	294	491	
42-1/2	**7**											
49-1/8	**8**											
55-5/8	**9**											
62-1/8	**10**											
68-3/4	**11**											
	VELOCITY SUB-TOTALS	1595	1781	1918	1933	2199	2266	2430	2563	2563	3048	

Remarks: ABOVE READINGS TAKEN AT 60 HZ OR 805 FAN RPM. FINAL DESIGN AIR FLOW IS 49 HZ, VIA THE VFD . NOTIFIED JOHNSON CONTROLS TO SET.

TEST DATE: 06-09-05 READINGS BY: Mike Hutchinson

NEW TAB of GREEN BAY, INC.

Air Outlet (Flow Hood) Test Report

PROJECT UW STEVENS POINT #04A3K SYSTEM/UNIT SF-2

OUTLET MANUFACTURER _____ TEST APPARATUS _____

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	% OF DSGN
	NO.	TYPE	SIZE	AIRFLOW CFM	AIRFLOW CFM		AIRFLOW CFM	
SA-2 / S.A.								
GYM 100	01	48X72		9400	11094		9980	
GYM 100	02	48X72		9400	11016		9382	
			TOTAL	18800	22110		19362	

SF-2 / R.A.								
GYM 100	01	RA	48X72	9400	7688		7688	
GYM 100	02	RA	48X72	9400	7801		7801	
			TOTAL	18800	15489		15489	
	THE FINAL R.A. OF 15489 CFM, PLUS THE REQUIRED O.A., WILL EQUAL THE FINAL S.A. CFM OF 19362.							

TEST DATE: SEPTEMBER 14, 2005 READINGS BY: MIKE HUTCHINSON