

**Report By:**

National TAB  
1329 E. KEMPER ROAD  
SUITE 4210  
CINCINNATI, OH 45246



**Report: TAB REPORT**  
**Function: Test, Adjust, & Balance**  
**Date: 03/29/2024**  
**Completed By: National TAB**

# PROJECT

## IBP 3481 - Suite 150 Oceus (Plano, TX)

3481 Plano Parkway

The Colony, TX 75056

**Client**

Billingsley

# National TAB

Project: IBP 3481 - Suite 150 Oceus (Plano, TX)

## Table Of Contents

<b>Section</b>	<b>Page #</b>
Certification	3
Equipment Calibrations	4
Abbreviations	5
GRD Layout	6
Fan Coil	7
Diffuser Supply (GRD)	11



# CERTIFICATION

**PROJECT:** IBP 3481 - Suite 150 Oceus (Plano, TX)

The data presented in this report is a record of system measurements and final adjustments that have been obtained in accordance with the current edition of the NEBB *Procedural Standards for Testing, Adjusting, and Balancing of Environmental Systems*. Any variances from design quantities, which exceed NEBB tolerances, are noted in the Test-Adjust-Balance Report Project Summary.

The air distribution system has been tested and balanced and final adjustments have been made in accordance with NEBB standards and the project specifications.

**NEBB TAB FIRM:** National TAB-Southeast

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**REGISTRATION NO:** 3755

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**CERTIFIED BY:** J. Scott Springer 23312

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**DATE:** 12/2/2024

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The hydronic distribution system has been tested and balanced and final adjustments have been made in accordance with NEBB standards and the project specifications.

**NEBB TAB FIRM:** National TAB-Southeast

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**REGISTRATION NO:** 3086

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**CERTIFIED BY:** J. Scott Springer 23312

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**DATE:**

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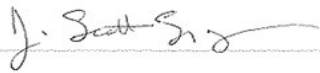
## Submitted and Certified by:

**NEBB TAB FIRM:** National TAB-Southeast

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**TAB PROFESSIONAL:** J. Scott Springer

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**SIGNATURE:** 

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**REGISTRATION NO:** 3755 (NTAB) / 23312

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**CERTIFICATION EXP:** 12/31/2024

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# National TAB

## Testing, Adjusting, and Balancing Equipment



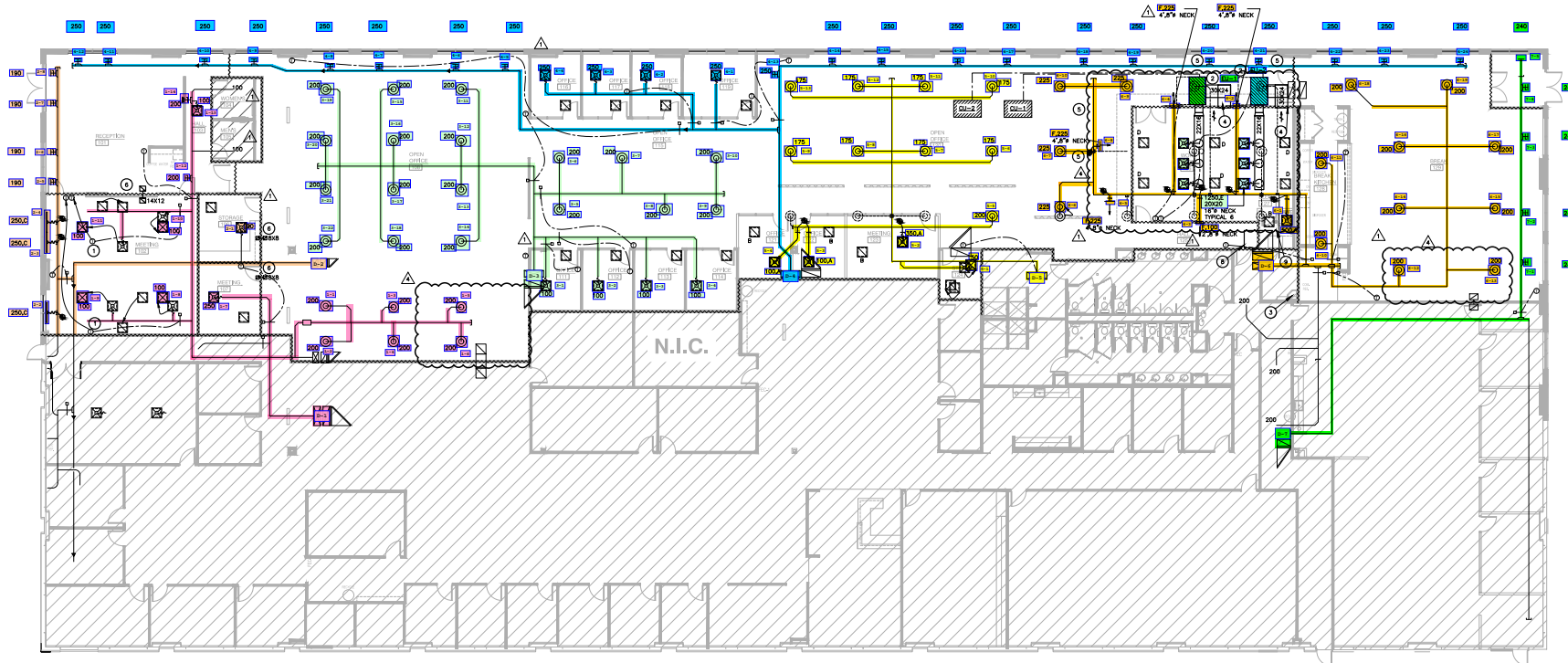
Function		Range	Minimum Accuracy	Instrument Information	Calibration Date	Date Due
AIR	AIR PRESSURE	0 in wg to 10 in wg	2% +/- 0.001 in wg	Shortridge ADM-880C S/N M05066	10/15/2024	10/15/2025
	AIR VELOCITY INSTRUMENT	50 fpm to 3900 fpm	+/- 5 % +/- 7 fpm	Shortridge ADM-880C S/N M05066	10/15/2024	10/15/2025
	DIRECT HOOD READING	100 cfm to 2000 cfm	+/- 3 % +/- 7 cfm	Shortridge Flow Hood	10/15/2024	10/15/2025
TEMPERATURE	AIR METER	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - SRH77A S/N 081820093	10/15/2024	10/15/2025
	AIR PROBE	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - PD1388 7-6 S/N 5028	10/15/2024	10/15/2025
	IMMERSION METER	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - SRH77A S/N 081820093	10/15/2024	10/15/2025
	IMMERSION PROBE	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - PD1388 7-6 S/N 1075	10/15/2024	10/15/2025
	CONTACT METER	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - SRH77A S/N 081820093	10/15/2024	10/15/2025
	CONTACT PROBE	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - PD1388 7-6 S/N 4011	10/15/2024	10/15/2025
HUMIDITY	HUMIDITY PROBE	10 % RH to 90 % RH	3% of reading	Cooper ATKINS - SRH77A S/N 090315046	10/15/2024	10/15/2025
ELECTRICAL	VOLTAGE MEASUREMENT	0 VAC to 600 VAC	2 % reading +/- 5 digits	Dwyer CM-1 - S/N 190800099	10/15/2024	10/15/2025
	AMPERAGE MEASUREMENT	0 Amperers to 100 Amperes	2 % reading +/- 5 digits	Dwyer CM-1 - S/N 190800099	10/15/2024	10/15/2025
ROTATION	ROTATION MEASUREMENT	60 rpm to 5000 rpm	2 % reading 2 rpm	Dwyer TAC-L - S/N S1100123	10/15/2024	10/15/2025
HYDRONIC	PRESSURE MEASUREMENT	-30 in Hg to 200 psi	±2% of reading +/- 1 psi	Dwyer 490W-6 - S/N 01L6NK	6/3/2024	6/3/2025
	DIFFERENTIAL PRESSURE MEASUREMENT	0 psi - 80 psi	±2% of reading +/- 1 psi	Dwyer 490W-6 - S/N 01L6NK	6/3/2024	6/3/2025
DALT	DUCT LEAKAGE	-10" - +10" wc	±1% of reading +/- 0.004" wc	Kanomax DALT 6900 S/N: 080439	3/2024	3/1/2025

## Abbreviation List

A = Area (ft <sup>2</sup> )	S.F. = Service Factor
AHU = Air Handling Unit	SF = Supply Fan
A <sub>k</sub> = Effective Area	SP = Static Pressure
BHP = Brake Horsepower (IP) HP	SR = Supply Register
Btu = British Thermal Unit	T = Temperature
Btu/h = Btuh = BTUH = BTU/Hour	T <sub>ma</sub> = Mixed Air Temperature
CL = Center Distance (used in belt formula)	T <sub>oa</sub> = Outside Air Temperature
CD = Ceiling Diffuser	T <sub>ra</sub> = Return Air Temperature
CF = Correction Factor	H = Head (in wc, ft wc, psi)
CFM = Volumetric Flow: Cubic Feet Per Minute	h = Enthalpy
CO <sub>2</sub> = Carbon Dioxide	HP = Horsepower
CO = Carbon Monoxide	hr = Hour
C <sub>v</sub> = Flow Constant	K <sub>v</sub> = Flow constant (SI)
d = Diameter (in.) IP	kW = Kilowatt = 1000 Watts
Δ = Difference or Change (Final - Initial)	LAT = Leaving Air Temperature
DB = Dry Bulb	lb = Pounds
EA = Exhaust Air	LWT = Leaving Water Temperature
EAT = Entering Air Temperature	ma = Mixed Air
EF = Exhaust Fan	MIN = Minimum
Eff = Efficiency	MAX = Maximum
EG = Exhaust Grille	N/A = Not Applicable
ESP = External Static Pressure	NA = No Access
EWT = Entering Water Temperature	NL = Not Listed
°F = Degrees Fahrenheit, °F	NPSHA = Net Positive Suction Head Available
FPB = Fan Powered Box	NS = Not Specified
FLA = Full Load Amps	OA = Outside Air
fpm = Feet per Minute (fpm)	OAT = Outside Air Temperature
ft = Foot	PD = Sheave Pitch Diameter
gal = Gallons	P.D. = Pressure Drop
GPM = Gallons Per Minute (GPM)	PF = Power Factor
h = Enthalpy (BTU/lb dry air)	SG = Supply Grille
P = Pressure	SR = Supply Register
ppm = parts per million	TP = Total Pressure
psi = Pounds Per Square Inch	T <sub>ra</sub> = Return Air Temperature
psid = PSI Differential	TS = Tip Speed (fpm) IP, (m/s) SI
r = Radius (in)	TSP = Total Static Pressure
% <sub>ra</sub> = % of Return Air	V = Velocity
RA = Return Air	VAV = Variable Air Volume
RAT = Return Air Temperature	VD = Volume Damper
RF = Return Fan	VFD = Variable Frequency Drive
RG = Return Grille	W = Watt
RH = Relative Humidity	WB = Wet Bulb
RPM = Revolutions Per Minute	wg = wc = water gauge = water column
RTU = Roof Top Unit	WHP = Water Horsepower (IP)
SA = Supply Air	ω = Humidity Ratio

**NOTES BY SYMBOL ☉ :**

1. RELOCATE EXISTING THERMOSTAT TO NEW LOCATION AS SHOWN ON PLAN. CONFIRM THAT THE THERMOSTATS ARE ASSIGNED WITH THE REL AS SHOWN ON THE DRAWING BEFORE RELOCATING AND ARE IN WORKING ORDER.
2. AC UNIT TO BE SUSPENDED FROM STRUCTURE WITH ISOLATION SPRINGS. REFER TO PLUMBING SHEET FOR WATER REQUIREMENTS. PROVIDE A GALVANIZED SHEET METAL SECONDARY DRAIN PAN THAT IS A MINIMUM OF 3" LARGER ON EACH SIDE THAN ANY DIMENSION OF THE UNIT AND MUST EXTEND UNDER THE CONDENSATE PANS.
3. ROUTE ALL CONDENSATE FROM AC UNITS TO MOP SINK.
4. PROVIDE A FULL SIZE INTERNALLY LINED OUTLET AND INLET DUCT FROM EVAPORATOR AS SHOWN ON DRAWINGS.
5. HUMIDIFIER CONNECTION: PROVIDE 1/2" COLD WATER WITH SHUTOFF AND SIZING VALVE AND EXTEND 1/4" CORNER TURNING TO WALL. PROVIDE REDUCED PRESSURE ZONE ASSEMBLY (RPZ) EQUAL TO WAITS 009 SERIES. EXTEND WATER LINE TO NEAREST DOMESTIC COLD WATER LINE 3/4" OR LARGER.
6. PROVIDE ACoustically LINED RETURN AIR BOOT THRU WALL TO DECK AS HIGH AS POSSIBLE ABOVE CEILING WITH INLET ELBOW AND OUTLET 90° ELBOW FACING UPWARD. SEE FPD PLANS. REFER TO DETAIL SHEET M01 FOR MORE INFORMATION.
7. ALL OUTDOOR CONDENSING UNITS TO BE LOCATED ON ROOF. EXACT LOCATION TO BE COORDINATED WITH BUILDING ENGINEER AND CONTRACTOR. LENGTH OF PIPE MUST NOT EXCEED MANUFACTURER'S SPECIFICATIONS.
8. EXTEND EXISTING RETURN DUCT SIZE BEYOND NEW WALLS TO DECK.
9. ENSURE THE RETURN AIR CAN ESCAPE THE PLENUM AND THE WALLS TO DECK DO NOT ENCLOSE THIS ROOM.



① LEVEL 1 MECHANICAL PLAN  
SCALE: 1/8" = 1'-0"

**REVISION SUMMARY:**

- ROOMS REMOVED BY ARCHITECT HAVE BEEN RETURNED TO EXISTING CONDITIONS.
- REMOVED TWO AC UNITS - REVISED DUCT/DIFFUSER LAYOUT.



PROJECT NUMBER: 85064  
DRAWN BY: TERRY  
CHECKED BY: TERRY  
DATE: 08/14/2024

3481 PLANO PARKWAY  
SUITE #150  
OCEUS

3481 PLANO PARKWAY  
SUITE #150  
THE COLONY, TX 75056

NO.	REVISION	DATE

CLIENT REVIEW SIGNATURE: 08/14/2024  
CONTRACTOR REVIEW SIGNATURE: 08/14/2024  
REVISED DATE: 08/14/2024

DRAWING TITLE:  
LEVEL 01 MECHANICAL PLAN

DRAWING NUMBER:  
**M2.01**



# National TAB

Project: IBP 3481 - Suite 150 Oceus (Plano, TX)

## System/Unit: Fan Coil



Asset: EU-1

AREA:

Unit Data		
	Design	Actual
MFG	NA	VERTIV
Model Num	NA	MMD96ENAJEL50AEB
Serial Num	-	Y24B001908
Configuration	HORIZONTAL	HORIZONTAL
Num Filters Size 1	-	1
Filter Size 1	-	25X20X4

Test Data		
	Design	Actual
SFAN CFM	3750	4093
SFAN RPM	-	859
RL Voltage	-	494/492/494
RL Amperage	-	3.1/3.2/3.1
RA CFM	3750	4093
OA CFM	0	0

Motor Data		
	Design	Actual
Motor MFG	-	U.S. MOTORS
Frame	-	56HZ
Horsepower	-	2.00
Motor Rpm	-	1750
Phase	3	3
Voltage (rated)	460	460
Amperage (rated)	-	3.1
Service Factor	-	1.15

Performance Data		
	Design	Actual
Suction ESP	-	-0.11
Discharge ESP	-	0.32
Total ESP	0.50	0.43

Drive Data	
	Actual
Motor Sheave Size	1VP50
Motor Bore Size	7/8"
Fan Sheave Size	BK95H
Fan Sheave Bore	1"
Belt CL Distance	16"
Num of Belts	1
Belt Size	B52

Completed By: Bayley Morvant on 04/03/2024

# National TAB

Project: IBP 3481 - Suite 150 Oceus (Plano, TX)

## Fan Coil



**Diffuser Supply (GRD)**

**EU-1/**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
FC1-SGRD1	126	E	16	1250	1706	1366	109.3
FC1-SGRD2	126	E	16	1250	1255	1355	108.4
FC1-SGRD3	126	E	16	1250	1172	1372	109.8
Total				3750	4133	4093	109.15%

Completed By: Bayley Morvant on 04/03/2024

# National TAB

Project: IBP 3481 - Suite 150 Oceus (Plano, TX)

## System/Unit: Fan Coil



Asset: EU-2

AREA:

Unit Data		
	Design	Actual
MFG	NA	VERTVI
Model Num	NA	MMD96ENAJEL50AEB
Serial Num	-	Y24B001887
Configuration	HORIZONTAL	HORIZONTAL
Num Filters Size 1	-	1
Filter Size 1	-	25X20X4

Test Data		
	Design	Actual
SFAN CFM	370	4043
SFAN RPM	-	842
RL Voltage	-	494/493/491
RL Amperage	-	3.1/3.0/3.1
RA CFM	3750	4043
OA CFM	0	0

Motor Data		
	Design	Actual
Motor MFG	-	U.S. MOTORS
Frame	-	56HZ
Horsepower	-	2.00
Motor Rpm	-	1750
Phase	3	3
Voltage (rated)	460	460
Amperage (rated)	-	3.1
Service Factor	-	1.15

Performance Data		
	Design	Actual
Suction ESP	-	-0.12
Discharge ESP	-	0.48
Total ESP	0.50	0.60

Drive Data	
	Actual
Motor Sheave Size	1VP50
Motor Bore Size	7/8"
Fan Sheave Size	BK95H
Fan Sheave Bore	1"
Belt CL Distance	16"
Num of Belts	1
Belt Size	B52

Completed By: Bayley Morvant on 04/03/2024

# National TAB

Project: IBP 3481 - Suite 150 Oceus (Plano, TX)

## Fan Coil



**Diffuser Supply (GRD)**

**EU-2/**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
FC2-SGRD1	126	E	16	1250	1376	1376	110.1
FC2-SGRD2	126	E	16	1250	1321	1321	105.7
FC2-SGRD3	126	E	16	1250	1346	1346	107.7
Total				3750	4043	4043	107.81%

Completed By: Bayley Morvant on 04/03/2024

# National TAB

Project: IBP 3481 - Suite 150 Oceus (Plano, TX)



**Diffuser Supply (GRD)**

**EU-1/**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
FC1-SGRD1	126	E	16	1250	1706	1366	109.3
FC1-SGRD2	126	E	16	1250	1255	1355	108.4
FC1-SGRD3	126	E	16	1250	1172	1372	109.8
Total				3750	4133	4093	109.15%

Completed By: Bayley Morvant on 04/03/2024

**EU-2/**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
FC2-SGRD1	126	E	16	1250	1376	1376	110.1
FC2-SGRD2	126	E	16	1250	1321	1321	105.7
FC2-SGRD3	126	E	16	1250	1346	1346	107.7
Total				3750	4043	4043	107.81%

Completed By: Bayley Morvant on 04/03/2024

**D-1/**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	108	SD	10	200	145	145	72.5
SGRD2	108	SD	10	200	141	141	70.5
SGRD3	108	SD	10	200	162	162	81.0
SGRD4	108	SD	10	200	157	157	78.5
SGRD5	108	SD	10	200	133	133	66.5
SGRD6	108	SD	10	200	145	145	72.5
SGRD7	107	SD	8	250	173	251	100.4
SGRD8	102	SD	8	100	71	98	98.0
SGRD9	102	SD	8	100	71	101	101.0
SGRD10	102	SD	8	100	56	90	90.0
SGRD11	102	SD	8	100	97	109	109.0
SGRD12	101	SD	12"X14"	200	58	58	29.0
SGRD13	103	SD	8	100	33	33	33.0
SGRD14	101	SD	10"X12"	200	65	65	32.5
Total				2350	1507	1688	71.83%

Completed By: Bayley Morvant on 04/01/2024

Asset	Notes	Date	Written By
SGRD1	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant
SGRD2	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant
SGRD3	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant
SGRD4	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/02/2024	Bayley Morvant
SGRD5	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant
SGRD6	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant
SGRD12	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant
SGRD13	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant
SGRD14	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant

**D-2/**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	106	SD	8	90	86	86	95.6
SGRD2	102	C	10	250	163	246	98.4
SGRD3	102	C	10	250	117	162	64.8
SGRD4	102	C	10	250	68	85	34.0
SGRD5	101	SD	10"X12"	190	105	105	55.3
SGRD6	101	SD	10"X12"	190	129	129	67.9
SGRD7	101	SD	10"X12"	190	137	137	72.1
SGRD8	101	SD	10"X12"	190	153	153	80.5
Total				1600	958	1103	68.94%

Completed By: Bayley Morvant on 04/01/2024

Asset	Notes	Date	Written By
SGRD3	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant
SGRD4	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant
SGRD5	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant
SGRD6	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant
SGRD7	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant
SGRD8	DAMPER WAS 100% OPEN DURING TIME OF TEST. UNABLE TO FORCE FURTHER AIRFLOW TO DIFFUSER.	04/01/2024	Bayley Morvant

D-3/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	111	SD	8	100	123	109	109.0
SGRD2	112	SD	8	100	126	104	104.0
SGRD3	113	SD	8	100	118	105	105.0
SGRD4	114	SD	8	100	130	102	102.0
SGRD5	115	SD	10	200	206	206	103.0
SGRD6	115	SD	10	200	191	191	95.5
SGRD7	115	SD	10	200	211	211	105.5
SGRD8	115	SD	10	200	198	198	99.0
SGRD9	115	SD	10	200	199	199	99.5
SGRD10	115	SD	10	200	199	199	99.5
SGRD11	108	SD	10	200	188	188	94.0
SGRD12	108	SD	10	200	185	185	92.5
SGRD13	108	SD	10	200	181	181	90.5
SGRD14	108	SD	10	200	187	187	93.5
SGRD15	108	SD	10	200	189	189	94.5
SGRD16	108	SD	10	200	193	193	96.5
SGRD17	108	SD	10	200	198	198	99.0
SGRD18	108	SD	10	200	200	200	100.0
SGRD19	108	SD	10	200	194	194	97.0
SGRD20	108	SD	10	200	191	191	95.5
SGRD21	108	SD	10	200	206	206	103.0
SGRD22	108	SD	10	200	195	195	97.5
Total				4000	4008	3931	98.28%

Completed By: Bayley Morvant on 04/01/2024

D-4/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	119	SD	10	250	266	266	106.4
SGRD2	118	SD	10	250	112	101	40.4
SGRD3	117	SD	10	250	66	56	22.4
SGRD4	116	SD	10	250	40	133	53.2
SGRD5	108	SD	10x12	250	179	179	71.6
SGRD6	108	SD	10x12	250	165	165	66.0
SGRD7	108	SD	10x12	250	153	153	61.2
SGRD8	108	SD	10x12	250	161	161	64.4
SGRD9	108	SD	10x12	250	174	174	69.6
SGRD10	108	SD	10x12	250	160	160	64.0
SGRD11	101	SD	10x12	250	158	158	63.2
SGRD12	101	SD	10x12	250	167	167	66.8
SGRD13	120	SD	10X12	250	141	141	56.4
SGRD14	120	SD	10X12	250	159	159	63.6
SGRD15	120	SD	10X12	250	133	133	53.2
SGRD16	120	SD	10X12	250	164	164	65.6
SGRD17	120	SD	10X12	250	140	140	56.0
SGRD18	120	SD	10X12	250	137	137	54.8
SGRD19	120	SD	10X12	250	154	154	61.6
SGRD20	125	SD	10X12	250	166	166	66.4
SGRD21	125	SD	10X12	250	150	150	60.0
SGRD22	129	SD	10X12	250	142	142	56.8
SGRD23	129	SD	10X12	250	156	156	62.4
SGRD24	129	SD	10X12	250	148	148	59.2
SGRD25	119	S4	8	100	83	83	83.0
SGRD26	119	S3	8	200	91	91	45.5
SGRD27	118	S4	8	100	54	50	50.0
SGRD28	117	S4	8	100	49	49	49.0
SGRD29	117	S4	8	100	45	50	50.0
SGRD30	116	S4	8	100	62	51	51.0
Total				6700	3975	4037	60.25%

Completed By: Bayley Morvant on 04/03/2024



**D-5/**

<b>Asset</b>							
<b>Asset Name</b>	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>CFM(1)</b>	<b>FINAL CFM</b>	<b>% to design</b>
SGRD1	124	SD	8	50	76	50	100.0
SGRD2	123	A	10	350	234	315	90.0
SGRD3	122	A	8	100	77	104	104.0
SGRD4	121	A	8	100	87	91	91.0
SGRD5	120	SD	8	200	144	184	92.0
SGRD6	120	SD	8	175	168	183	104.6
SGRD7	120	SD	8	175	191	160	91.4
SGRD8	120	SD	8	175	182	158	90.3
SGRD9	120	SD	8	175	157	179	102.3
SGRD10	120	SD	8	175	146	166	94.9
SGRD11	120	SD	8	175	154	162	92.6
SGRD12	120	SD	8	175	198	159	90.9
SGRD13	120	SD	8	175	138	164	93.7
Total				2200	1952	2075	94.32%

Completed By: Bayley Morvant on 04/03/2024

**D-6/**

<b>Asset</b>							
<b>Asset Name</b>	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>CFM(1)</b>	<b>FINAL CFM</b>	<b>% to design</b>
SGRD1	127	A	12	500	506	506	101.2
SGRD2	125	C	8	225	211	211	93.8
SGRD3	125	C	10	100	92	92	92.0
SGRD4	125	C	10	225	203	203	90.2
SGRD5	120	SD	10	225	207	207	92.0
SGRD6	120	SD	10	225	204	204	90.7
SGRD7	120	SD	10	225	225	225	100.0
SGRD8	120	SD	10	225	239	239	106.2
SGRD9	120	SD	10	225	215	215	95.6
SGRD10	128	SD	10	200	219	219	109.5
SGRD11	128	SD	10	200	784	784	392.0
SGRD12	129	SD	8	200	206	182	91.0
SGRD13	129	SD	8	200	233	189	94.5
SGRD14	129	SD	8	200	267	189	94.5
SGRD15	129	SD	8	200	263	180	90.0
SGRD16	129	SD	8	200	229	218	109.0
SGRD17	129	SD	8	200	244	180	90.0
SGRD18	129	SD	8	200	226	220	110.0
SGRD19	129	SD	8	200	228	210	105.0
Total				4175	5001	4673	111.93%

Completed By: Bayley Morvant on 04/02/2024

<b>Asset</b>	<b>Notes</b>	<b>Date</b>	<b>Written By</b>
SGRD11	NO ASSET MADE FOR OTHER DIFFUSER ON THIS SYSTEM. DIFFUSER #10: INITIAL CFM: 542 EXISTING DUCT, NO DAMPER ON DIFFUSER 6-11. ZONE DAMPER AREA IS GETTING 331% OF DESIGN AIRFLOW. NO ACCESS TO CONTROLS TO TRY AND ADJUST TOTAL AIRFLOW.	04/02/2024	Bayley Morvant

**D-7/**

<b>Asset</b>							
<b>Asset Name</b>	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>CFM(1)</b>	<b>FINAL CFM</b>	<b>% to design</b>
SGRD1	129	SD	12X14	240	353	353	147.1
SGRD2	129	SD	12X14	240	346	346	144.2
SGRD3	129	SD	12X14	240	368	368	153.3
SGRD4	129	SD	12X14	240	359	359	149.6
SGRD5	129	SD	12X14	240	351	351	146.3
Total				1200	1777	1777	148.08%

Completed By: Bayley Morvant on 04/02/2024

Asset	Notes	Date	Written By
SGRD1	ZONE DAMPER AREA IS GETTING 148% OF DESIGN AIRFLOW. NO ACCESS TO CONTROLS TO TRY AND ADJUST TOTAL AIRFLOW.	04/02/2024	Bayley Morvant
SGRD2	ZONE DAMPER AREA IS GETTING 148% OF DESIGN AIRFLOW. NO ACCESS TO CONTROLS TO TRY AND ADJUST TOTAL AIRFLOW.	04/02/2024	Bayley Morvant
SGRD3	ZONE DAMPER AREA IS GETTING 148% OF DESIGN AIRFLOW. NO ACCESS TO CONTROLS TO TRY AND ADJUST TOTAL AIRFLOW.	04/02/2024	Bayley Morvant
SGRD4	ZONE DAMPER AREA IS GETTING 148% OF DESIGN AIRFLOW. NO ACCESS TO CONTROLS TO TRY AND ADJUST TOTAL AIRFLOW.	04/02/2024	Bayley Morvant
SGRD5	ZONE DAMPER AREA IS GETTING 148% OF DESIGN AIRFLOW. NO ACCESS TO CONTROLS TO TRY AND ADJUST TOTAL AIRFLOW.	04/02/2024	Bayley Morvant