Report By:

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

Report: TAB Report

Function: Test, Adjust, & Balance

Date: 11/18/2025

Completed By: National TAB

PROJECT

11-10-25 WAWA #6901 RANSON, WV

1740 N Fairfax Blvd

RANSON , WV 25438

Client

Wawa

260 West Baltimore Pike

Wawa, PA 19063

National TAB

Project: 11-10-25 WAWA #6901 RANSON, WV

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Project Summary

Project Summary
The summary below provides a quick understanding of our scope of work and general testing procedures. Enclosed in the report is further detail about your building performance including recommendations, asset data, and pictures. Our focus is to work with the trades to remedy any issues or deficiencies during the actual field balancing and not after the balancing has occurred to achieve a positive environment and outcome. The level of success is determined by the availability of the trades, possible parts needed, or time constraints.

RTU's (Roof Top Units) w/ Diffusers
Each of the RTU's were measured at their terminal devices or via traverse to establish a total flow for that unit. Each RTU was adjusted to within tolerance of the engineer's design flow. Each outlet was then adjusted to within tolerance of the design flow. Outside air was measured by reading the intake air opening with a velocity grid and multiplying by the free area. The outside air damper was adjusted until the airflow was within the design requirements. Any equipment that fell outside of that tolerance is noted throughout the report.

General Exhaust Fans w/ Grilles
The general exhaust fans were measured by reading each air device with a flow hood. The total airflow for each fan is equivalent to the sum of these readings. Fan speed was then adjusted so that the airflow was within tolerance of design. Each terminal device was balanced to within tolerance of the design volume using the installed volume dampers. Any equipment that fell outside of this tolerance is noted throughout the report.

Ceiling Exhaust Fans
The ceiling exhaust fans were measured using a flow hood. If speed adjustment was provided, the fan speed was adjusted to within design tolerance. Any equipment that fell outside of this tolerance is noted throughout the report.

Final Building Tests
After completing the test and balance the final building pressure was measured. It was confirmed that the building pressure fell within acceptable tolerances and that the pressure measurement coincides with the actual and design net airflow. Any deviations from these standards are noted throughout the report

Issue List

- RTU1: Sgrd 1-11 low cfm
- RTU2: Sgrd 2-11 damper not reachable
- RTU2: Sgrd 2-9 stuck damper

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Project Issue Information

Issue Name :	RTU1: Sgrd 1-11 low cfm		
Description :	Airflow low for diffuser, everything else balanced to design.		
Created By :	National TAB	**Assigned To :**	National TAB - Brianna Biggs
Status :	Open		
Priority :	Low	**Asset Tag :**	
Originated Date :	11/13/2025 - Cody Mauro - National TAB		

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Project Issue Information

Issue Name : RTU2: Sgrd 2-11 damper not reachable

Description : Damper is blocked by ceiling fixture, unable to reach arm though pipes and around duct.

Created By : National TAB

Assigned To : National TAB - Brianna Biggs

Status : Open

Priority : InfoOnly

Asset Tag :

Originated Date : 11/12/2025 - Cody Mauro - National TAB

Project Issue File Details

11/12/2025

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Project Issue Information

Issue Name : RTU2: Sgrd 2-9 stuck damper

Description : Face damper closed as tightly as possible, may be stuck. Need to further close to lower cfm.

Created By : National TAB

Assigned To : National TAB - Brianna Biggs

Status : Open

Priority : Medium

Asset Tag :

Originated Date : 11/12/2025 - Cody Mauro - National TAB

Project Issue File Details

11/12/2025

NATIONAL TAB

CORE

AIR BALANCE SCHEDULE

UNIT	AREA SERVED	HVAC SUPPLY		HVAC RETURN		HVAC OUTDOOR		OA %		HOOD MAKE-UP		HOOD EXHAUST		GENERAL EXH.	
		DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
RTU-1	BOH	4500	4118	3800	3381	700	737	15.6%	17.9%						
RTU-2	SALES	3400	3557	3020	3200	380	357	11.2%	10.0%						
RTU-3	FOH	2400	2298	2200	2077	200	221	8.3%	9.6%						
EF-1	RESTROOMS													375	401
EF-2	BOH													400	398
EF-3	TRASH ROOM													200	120
TOTALS		10300	9973	9020	8658	1280	1315			0	0	0	0	975	919

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1280	1315
TOTAL EXHAUST	975	919
NET AIRFLOW	305	396

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	0.008
SIDE	0.006
REAR	0.023
AVERAGE	**0.0123**

FINAL CHECKS

ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✔

MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✔

PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C. ✔

NOTES:

RTU1: Diffuser Sgrd 1-11 low flow. RTU2: Diffuser Sgrd 2-11 damper unable to be closed more, closure would push air to balance rest of diffusers. EF-3 Trash room fan low exhaust.

CheckList List

- 01: RTU's/AHU's
- 02: LENNOX SETUP PARAMETERS
- 03: SENSOR WIRING (LENNOX)
- 04: EF'S
- 05: CLOSEOUT CHECKS

11-10-25 WAWA #6901 RANSON, WV

CheckList Information

Name :	01: RTU's/AHU's	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	11/04/2025 - Trinity Dodds - National TAB		
Completed Date :	11/18/2025 - Ryan Smith - National TAB		

CheckList Item Details

RTU's/AHU's

All diffusers and grilles are installed and match design?	Pass
Comment:	
Clean filters installed?	Pass
Comment:	
Economizers are assembled and functional?	Pass
Comment:	
Motors are all operating below the FLA rating?	Pass
Comment:	
Are belts tight?	N/A
Comment:	
If direct drive unit is the speed controller working?	Pass
Comment:	
Is gas piping installed and valves turned on?	N/A

Comment:

RTUs have electric heating.

Condensate drains are installed?	Fail

Comment:

No drains installed into units

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Unit free of noticeable noise and vibration	Pass

Comment:

Final outside air damper position is marked with permanent marker?	Fail

Comment:

Marked RTU1 & RTU3, ran out of dye.

No alarms present?	Pass

Comment:

Any noticeable duct leakage?	Pass

Comment:

Total supply and OA flows are balanced within +/-5% and supply & return diffusers within +/-10%?	Pass

Comment:

Adjust side wall diffusers on spiral duct that blow towards the coffee island drop-in to prevent issues with it staying at temperature. Fan out of the deflector blades or reduce airflow as necessary to prevent drafting.	N/A

Comment:	
IN TEST MODE, TEST THE FOLLOWING:	
Cooling mode is operational? Record EAT/LAT for each unit:	N/A
Comment: Air temperature measurements in cooling mode were similar to outdoor temperature due to cold weather.	
Heating mode is operational? Record EAT/LAT for each unit:	N/A
Comment: Heating mode not tested.	
Dehumidification mode is operational? (Feel dehumidification coil with your hand. Is it hot?) Record EAT/LAT for each unit:	Pass
Comment:	

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CheckList Information

Name :	02: LENNOX SETUP PARAMETERS	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	11/04/2025 - Trinity Dodds - National TAB		
Completed Date :	11/13/2025 - Cody Mauro - National TAB		

CheckList Item Details

UNIT ID CONFIGURATIONS

BACNET CONFIGURATION: GO TO SETTINGS>GENERAL>CONFIGURATION ID1 POSITION 5 SET TO "N".	Pass
Comment:	
NETWORK CONFIGURATION: GO TO SETUP>NETWORK INTEGRATION, SET TO BACNET IP	Pass
Comment:	
CONTROL MODE: SET CONTROL MODE TO ROOM SENSOR: CO2, TEMP & HUMIDITY (PER UNIT, AS NEEDED).	Pass
Comment:	

INDIVIDUAL PARAMETER CONFIGURATIONS (MECHANICAL CONTRACTOR TO DEFINE / AS APPLICABLE):

PARAMETER 105 DEHUMID MODE: 7 NO CONDITIONS	Pass
Comment:	
PARAMETER 106 DEHUMID SETPOINT: 50, THIS IS A CENTERED SET POINT (+/-)	Yes
Comment:	
PARAMETER 107 DEHUMID DEADBAND: 3 (DEFAULT) THIS IS THE ACTUAL +/- VALUE	Pass

Comment:

PARAMETER 117 CO2 DAMPER MAX OPEN: 50%	Pass

Comment:

PARAMETER 118 CO2 START OPEN PPM: 1500	Pass

Comment:

PARAMETER 119 CO2 MAX OPEN PPM: 1500	Pass

Comment:

PARAMETER 137 OCCHET SET POINT: 68 (BACK UP)	Pass

Comment:

PARAMETER 131 SET TO THE SAME % AS THE MINMIUM OA DAMPER SETPOINT	Pass

Comment:

PARAMETER 139 OCC COOLING SET POINT: 72 (BACK UP)	Pass

Comment:

PARAMETER 154 OCC BLOWER MODE: ON-CONTINUOUS 1	Pass

Comment:

CFM VALUES / MSAV FAN SPEEDS (AIR BALANCER TO DEFINE / IF APPLICABLE):

OA DAMPER SET TO SAME POSITION IN ALL FAN SPEEDS?	Pass

Comment:

RTU1: 17% RTU2: 28% RTU3: 18%

ALL FAN SPEEDS SET TO THE SAME CFM VALUE (ENTER SETPOINTS BELOW)	Pass

Comment:

RTU1: 97% RTU2: 72% RTU3: 90%

HEAT CFM VALUE: PER THE HVAC SCHEDULE	Pass

Comment:

HIGH COOL CFM VALUE: THE HIGH COOL CFM VALUE	Pass
Comment:	
LOW COOL CFM VALUE: MATCH THE HIGH COOL CFM VALUE	Pass
Comment:	
VENTILATION CFM VALUE: MATCH THE HIGH COOL CFM VALUE	Pass
Comment:	

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CheckList Information

Name :	03: SENSOR WIRING (LENNOX)	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	11/04/2025 - Trinity Dodds - National TAB		
Completed Date :	11/13/2025 - Cody Mauro - National TAB		

CheckList Item Details

COMBINATION TEMPERATURE/HUMIDITY SENSOR

Sensors are installed where shown on the drawing?	Pass
Comment:	
2 conductor shielded cable has one wire landed to Vin, one to GND, and the shield wire is not connected.	Pass
Comment:	
For second shielded cable, one wire is landed to Vout and the shield wire is not connected.	Pass
Comment:	
Verify that the CORE or Prodigy controller is sensing a relative humidity (record the reading)	Pass
Comment:	
47% humidity for all units	

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CheckList Information

Name :	04: EF'S	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	11/04/2025 - Trinity Dodds - National TAB		
Completed Date :	11/13/2025 - Cody Mauro - National TAB		

CheckList Item Details

EF's

Rotation is correct?	Pass
Comment:	
Belts are tight (if applicable)?	Pass
Comment:	
Speed controller installed and functional (if applicable)?	N/A
Comment:	
There is no major leakage around base of fan?	Pass
Comment:	
Is the motor operating below the motor FLA rating?	Pass
Comment:	
Back draft damper installed and can it fully open?	Pass
Comment:	
Unit free of noticeable noise and vibration?	Pass

Comment:	
Total exhaust flow balanced within +/-5% and grilles are within +/-10%?	Pass
Comment:	

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CheckList Information

Name :	05: CLOSEOUT CHECKS	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	11/04/2025 - Trinity Dodds - National TAB		
Completed Date :	11/13/2025 - Cody Mauro - National TAB		

CheckList Item Details

SPACE COMFORT	
Is space free of drafting?	Pass
Comment:	
Is space comfortable in all areas?	Pass
Comment:	
Is the space free of ventilation noise?	Pass
Comment:	
BUILDING PRESSURE	
Do actual net building airflow, design net building airflow, and pressure coincide? If not why? (All three should either be positive or negative)	Pass
Comment:	

National TAB

Project: 11-10-25 WAWA #6901 RANSON, WV

System/Unit: AHU/RTU

Asset: RTU1 AREA:BOH

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624L03274
Model Num	LCT150H4E	LCT150H4EN2Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	24X14
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Phase	3	3
Rated Voltage	208	200
Rated Amperage	-	8.0

Test Data		
	Design	**Actual**
SF CFM	4500	4118
RA CFM	3800	3381
OA CFM	700	737
RL Voltage	-	208
RL Amperage	-	7.8
SF System SetPt	-	97%
RA Damper Position	-	83%
RA Damper Type	-	ECON
OA Damper Position	-	17%
OA Damper Type	-	ECON

Performance Data		
	Design	**Actual**
MA Plenum SP	-	0.76"
Fan Suction SP	-	1.18"
Fan Discharge SP	-	0.89"
Total ESP	0.70"	1.65”
Fan Total SP	-	2.07"

Completed By: Cody Mauro on 11/12/2025

Unit Data - PHOTO LOG

11/13/2025

National TAB

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AHU/RTU

Diffuser Supply (GRD)

RTU1/BOH

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	ELECTRICAL ROOM	SD-1	10"	375		291	343	343	91.5
SGRD2	COFFEE	SD-6	12"	500		586	459	459	91.8
SGRD3	FOOD SERVICE	SD-6	10"	425		574	388	388	91.3
SGRD4	FOOD SERVICE	SD-6	10"	425		414	390	390	91.8
SGRD5	FOOD SERVICE	SD-6	10"	425		361	421	421	99.1
SGRD6	FOOD SERVICE	SD-6	10"	425		324	392	392	92.2
SGRD7	FOOD SERVICE	SD-6	10"	425		424	412	412	96.9
SGRD8	BOH	SD-6	10"	400		316	360	360	90.0
SGRD9	BOH	SD-6	10"	400		323	372	372	93.0
SGRD10	BOH	SD-6	10"	400		512	361	361	90.3
SGRD11	TRASH	SD-1	10"	300		194	220	220	73.3
Total				4500		4319	4118	4118	91.51%

Diffuser Ret/Exh (GRD)

RTU1/BOH

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	FOOD SERVICE	RG-1	14"	860				845	98.3
EGRD2	FOOD SERVICE	RG-1	14"	870				467	53.7
EGRD3	FOOD SERVICE	RG-1	14"	870				462	53.1
EGRD4	WASHROOM	RG-1	16X14	1200				495	41.3
Total				3800		0	0	2269	59.71%

Completed By: Cody Mauro on 11/13/2025

Asset	Notes	Date	Written By
SGRD11	DIFFUSER SET LOW TO MATCH DEFFICIENCY IN EXHAUST FAN (EF3)	11/18/2025	Ryan Smith

National TAB

Project: 11-10-25 WAWA #6901 RANSON, WV

System/Unit: AHU/RTU

Asset: RTU2 AREA:SALES

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624K03959
Model Num	LCT102H4E	LCT102H4ES1Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	24X14
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Phase	3	3
Rated Voltage	208	200
Rated Amperage	-	8.7

Test Data		
	Design	**Actual**
SF CFM	3400	3557
RA CFM	3020	3203
OA CFM	380	357
RL Voltage	-	208
RL Amperage	-	3.6
SF System SetPt	-	72%
RA Damper Position	-	72%
RA Damper Type	-	ECON
OA Damper Position	-	28%
OA Damper Type	-	ECON

Performance Data		
	Design	**Actual**
MA Plenum SP	-	0.32"
Fan Suction SP	-	0.62"
Fan Discharge SP	-	0.72"
Total ESP	1.00"	1.04”
Fan Total SP	-	1.34"

Completed By: Cody Mauro on 11/12/2025

Notes:
SRGD 2-9 face damper closed as tightly as possible. SGRD 2-11 damper inaccessible due to ceiling fixture.

Written By: Cody Mauro on 11/14/2025

Unit Data - PHOTO LOG

11/13/2025

Diffuser Supply (GRD)

RTU2/SALES

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	RETAIL	SD-2	12"	275	0.66	611	279	279	101.5
SGRD2	RETAIL	SD-2	12"	275	0.66	380	286	286	104.0
SGRD3	RETAIL	SD-2	12"	300	0.66	329	274	274	91.3
SGRD4	RETAIL	SD-2	20"	275	0.66	518	285	285	103.6
SGRD5	RETAIL	SD-2	20"	275	0.66	462	260	260	94.5
SGRD6	RETAIL	SD-2	12"	275	0.66	357	290	290	105.5
SGRD7	RETAIL	SD-2	12"	275	0.66	363	276	276	100.4
SGRD8	RETAIL	SD-2	12"	275	0.66	378	278	278	101.1
SGRD9	RETAIL	SD-2	16"	275	0.66	459	310	310	112.7
SGRD10	HALLWAY	SD-1	8"	200		157	172	172	86.0
SGRD11	WOMEN'S RR	SD-5	8"	100		336	258	258	258.0
SGRD12	REAR VEST	SD-5	8"	200		238	221	221	110.5
SGRD13	MEN'S RR	SD-5	8"	150		340	157	157	104.7
SGRD14	DELIVERY ROOM	SD-1	8"	250		189	205	205	82.0
Total				3400		5117	3551	3551	104.44%

Diffuser Ret/Exh (GRD)

RTU2/SALES

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1			24X20	3020					-
Total				3020		0	0	0	0%

National TAB

Project: 11-10-25 WAWA #6901 RANSON, WV

System/Unit: AHU/RTU

Asset: RTU3 AREA:FOH

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624K03089
Model Num	LCT072H4E	LCT072H4EQ1Y
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	30X14
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	4.4

Test Data		
	Design	**Actual**
SF CFM	2400	2298
RA CFM	2200	2077
OA CFM	200	221
RL Voltage	-	207
RL Amperage	-	3.2
SF System SetPt	-	90%
RA Damper Position	-	82%
RA Damper Type	-	ECON
OA Damper Position	-	18%
OA Damper Type	-	ECON

Performance Data		
	Design	**Actual**
MA Plenum SP	-	0.54"
Fan Suction SP	-	0.75"
Fan Discharge SP	-	0.70"
Total ESP	0.50"	1.24”
Fan Total SP	-	1.45"

Completed By: Cody Mauro on 11/13/2025

Unit Data - PHOTO LOG

11/13/2025

National TAB

Project:11-10-25 WAWA #6901 RANSON, WV

AHU/RTU

Diffuser Supply (GRD)

RTU3/FOH

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	ENTRY VEST	SD-5	8"	250	0.65	221	225	225	90.0
SGRD2	RETAIL	SD-2	18"	450	0.65	425	447	447	99.3
SGRD3	RETAIL	SD-2	18"	450	0.65	430	457	457	101.6
SGRD4	RETAIL	SD-2	14"	450	0.65	386	392	392	87.1
SGRD5	RETAIL	SD-2	14"	450	0.65	410	418	418	92.9
SGRD6	ASSOCIATE AREA	SD-1	8"	200		193	212	212	106.0
SGRD7	OFFICE	SD-1	8"	150	193	212	147	147	98.0
Total				2400		2277	2298	2298	95.75%

Diffuser Ret/Exh (GRD)

RTU3/FOH

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	SELF-SERVICE BEVERAGE	RG-1	14"	925				414	44.8
EGRD2	SELF-SERVICE BEVERAGE	RG-1	14"	925				401	43.4
EGRD3	ASSOCIATE AREA	RG-3	8X8	200				101	50.5
EGRD4	OFFICE	RG-3	8X8	150				51	34.0
Total				2200		0	0	967	43.95%

National TAB

Project: 11-10-25 WAWA #6901 RANSON, WV

System/Unit: FAN - Exhaust

Asset: EF1 AREA:RESTROOM

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	GB-098-6	GB-098-6119XQD
Serial Num	-	27935974
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	**Actual**
CFM	375	401
Fan Rotation	-	CW
Suction ESP	-	-0.25"
Discharge ESP	-	ATM
Total ESP	0.38"	0.25”

Motor Data		
	Design	**Actual**
Motor MFG	-	LEESON
Frame	-	48Y
Horsepower	0.167	1/6
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	3.6
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	2 1/2”
Motor Bore Size	1/2”
Motor Sheave SetPt	60Hz
Fan Sheave Size	3”
Fan Sheave Bore	3/4”
Belt CL Distance	5”
Num of Belts	1
Belt Size	3L-180

Completed By: Cody Mauro on 11/13/2025

Unit Data - PHOTO LOG

11/13/2025

National TAB

Project:11-10-25 WAWA #6901 RANSON, WV

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF1/RESTROOM

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	MEN'S RR	EG-1	8X8	150		169	169	169	112.7
EGRD2	WOMEN'S RR	EG-1	8X8	225		232	232	232	103.1
Total				375		401	401	401	106.93%

Completed By: Cody Mauro on 11/13/2025

National TAB

Project: 11-10-25 WAWA #6901 RANSON, WV

System/Unit: FAN - Exhaust

Asset: EF2 AREA:BOH

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	GB-098-6	GB-098-6119XQD
Serial Num	-	27935975
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	**Actual**
CFM	400	398
Fan Rotation	-	CW
Suction ESP	-	-0.20"
Discharge ESP	-	ATM
Total ESP	0.38"	0.20”

Motor Data		
	Design	**Actual**
Motor MFG	-	LEESON
Frame	-	48Y
Horsepower	0.167	1/6
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	3.6
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	2 1/2”
Motor Bore Size	1/2”
Motor Sheave SetPt	60Hz
Fan Sheave Size	3”
Fan Sheave Bore	3/4”
Belt CL Distance	5”
Num of Belts	1
Belt Size	3L-180

Completed By: Cody Mauro on 11/13/2025

Unit Data - PHOTO LOG

11/13/2025

National TAB

Project:11-10-25 WAWA #6901 RANSON, WV

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF2/BOH

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	BOH	RG-2	8X8	200		195	195	195	97.5
EGRD2	BOH	RG-2	8X8	200		203	203	203	101.5
Total				400		398	398	398	99.5%

National TAB

Project: 11-10-25 WAWA #6901 RANSON, WV

System/Unit: FAN - Exhaust

Asset: EF3 AREA:TRASH ROOM

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	SP-B200	SP-B200
Serial Num	-	NL
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	**Actual**
CFM	200	120
Fan Rotation	-	CCW
System SetPt	-	60Hz

Motor Data		
	Design	**Actual**
Motor MFG	-	NL
Frame	-	NL
Horsepower	0.167	NL
Motor Rpm	-	NL
Phase	1	NL
Voltage (rated)	120	NL
Amperage (rated)	-	NL
Service Factor	-	NL

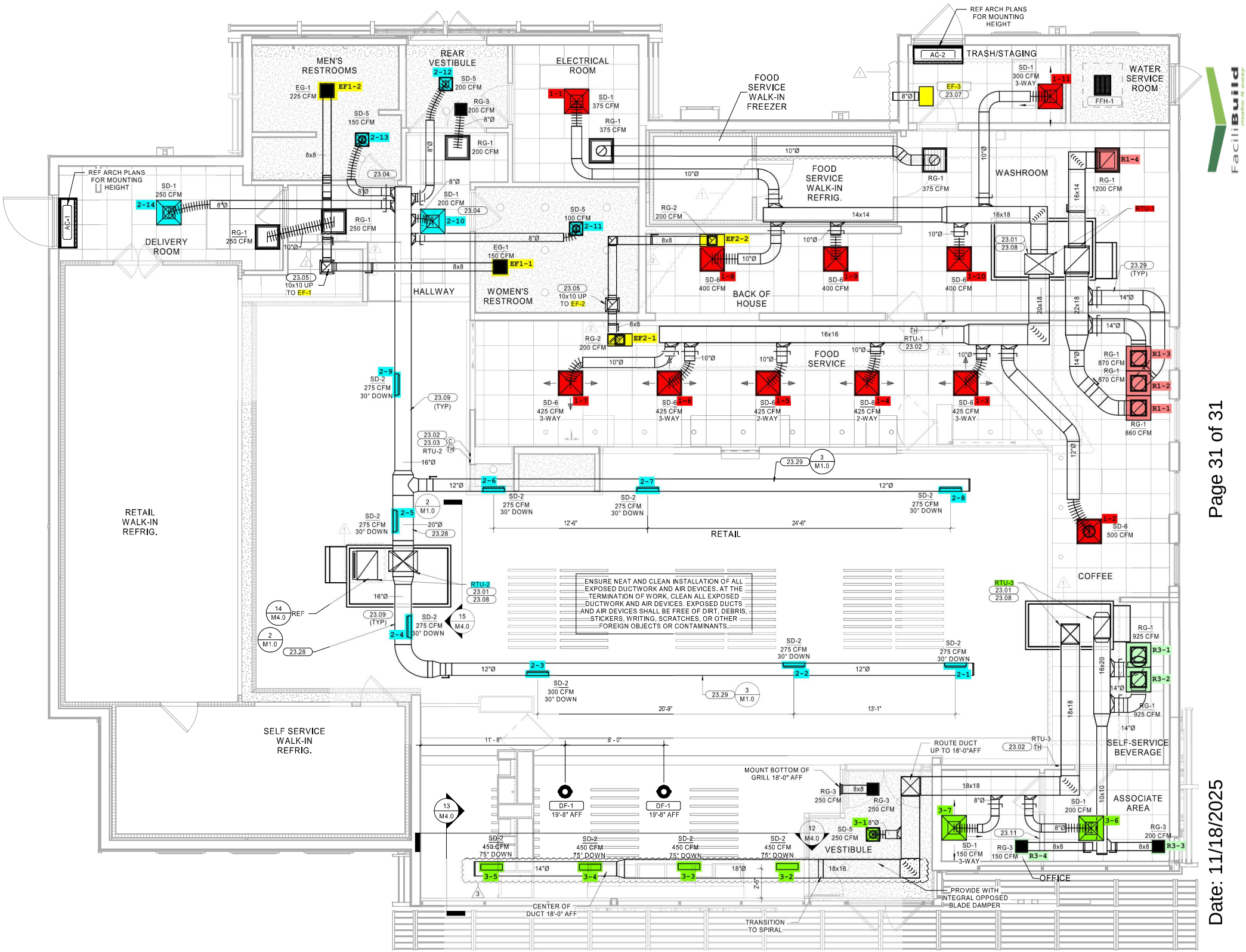
Completed By: Cody Mauro on 11/13/2025

Notes:
Airflow is low and fan adjustment is not accessible.
Fan info not available.

Written By: Ryan Smith on 11/18/2025

Unit Data - PHOTO LOG

11/13/2025



Date: 11/18/2025