Report By:

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

Report: TAB Report

Function: Test, Adjust, & Balance

Date: 01/20/2026

Completed By: National TAB

PROJECT

01-12-26 WAWA #6618 RICHMOND, VA

7351 IRON BRIDGE ROAD

RICHMOND, VA 23234

Client

Wawa

260 West Baltimore Pike

Wawa, PA 19063

National TAB

Project: 01-12-26 WAWA #6618 RICHMOND, VA

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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

- EF-3 Missing Speed Controller

01-12-26 WAWA #6618 RICHMOND, VA

Project Issue Information

Issue Name : EF-3 Missing Speed Controller

Description : Exhaust fan doesn't have a variable speed controller installed. Fan currently exhausting 240CFM out of 200CFM design. (120%) *Return 2/17* Single phase motor, wired for high speed.

Created By : National TAB

Assigned To : National TAB - Will Turnbough

Status : Open

Priority : Low

Asset Tag :

Originated Date : 01/20/2026 - John Barresi - National TAB

Project Issue Response Details

- **02/25/2026 National TAB - Stephen Tassinaro**
  - This is not expected to cause any issue with comfort and building pressure remains neutral/slightly positive

NATIONAL TAB

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	FOOD SERVICE	4500	4435	3800	3725	700	710	15.6%	16.0%						
RTU-2	RETAIL	3400	3449	3020	3060	380	389	11.2%	11.3%						
RTU-3	FOH	2400	2439	2200	2216	200	223	8.3%	9.1%						
EF-1	RESTROOM													375	349
EF-2	BOH													400	405
EF-3	TRASH													200	240
TOTALS		10300	10323	9020	9001	1280	1322			0	0	0	0	975	994

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1280	1322
TOTAL EXHAUST	975	994
NET AIRFLOW	305	328

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	0.0002
SIDE	0.004
REAR	0.0002
AVERAGE	**0.0015**

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:

CheckList List

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

01-12-26 WAWA #6618 RICHMOND, VA

CheckList Information

Name :	01: RTU's/AHU's	**Status :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	12/17/2025 - Natasha Louw - 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:	
Condensate drains are installed?	Pass
Comment:	
Unit free of noticeable noise and vibration	Pass
Comment:	
Final outside air damper position is marked with permanent marker?	Pass
Comment:	
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.	Pass
Comment:	
IN TEST MODE, TEST THE FOLLOWING:	
Cooling mode is operational? Record EAT/LAT for each unit:	Pass
Comment: RTU-1 EAT 70F LAT 50F RTU-2 EAT 72F LAT 55F RTU-3 EAT 73 LAT 58F	
Heating mode is operational? Record EAT/LAT for each unit:	Pass
Comment: RTU-1 EAT N/A LAT N/A RTU-2 EAT 72F LAT 80F RTU-3 EAT 71F LAT 84F	

Dehumidification mode is operational? (Feel dehumidification coil with your hand. Is it hot?) Record EAT/LAT for each unit:	Pass

Comment:

RTU-1 EAT 69F LAT 63F RTU-2 EAT 70F LAT 65F RTU-3 EAT 72F LAT 68F

01-12-26 WAWA #6618 RICHMOND, VA

CheckList Information

Name :	02: LENNOX SETUP PARAMETERS	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	12/17/2025 - Natasha Louw - National TAB		
Completed Date :	01/14/2026 - John Barresi - 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:

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

Comment:

RTU-1 75% RTU-2 52% RTU-3 71%

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 :**	Not Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	12/17/2025 - Natasha Louw - 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:	

RTU-1 19% RTU-2 55% RTU-3 18% *Readings recorded on different days hence spread in humidity values

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CheckList Information

Name :	04: EF'S	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	12/17/2025 - Natasha Louw - National TAB		
Completed Date :	02/17/2026 - 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)?	Pass
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 :	12/17/2025 - Natasha Louw - National TAB		
Completed Date :	02/17/2026 - 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:	

FRONT 0.004" / SIDE 0.004" / BACK 0.0002"

National TAB

Project: 01-12-26 WAWA #6618 RICHMOND, VA

System/Unit: AHU/RTU

Asset: RTU1 AREA:FOOD SERVICE

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624L02335
Model Num	LCT150H4E	LCT150H4E
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	14.1875"X23.25"
Num Final Filter 1	-	4
Final Filter Size 1	-	20"X25"X2"

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Frame	-	N/L
Horsepower	3.75	3.75
Motor Rpm	-	1780
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	8.0
Service Factor	-	N/L

Drive Data	
	Actual
Motor Sheave Size	DD
Motor Bore Size	DD
Motor Sheave SetPt	DD
Fan Sheave Size	DD
Fan Sheave Bore	DD
Belt CL Distance	DD
Num of Belts	DD
Belt Size	DD

Test Data		
	Design	**Actual**
SF CFM	4500	4435
SF RPM	-	1335
MOTOR RPM	3800	1335
RA CFM	3800	3725
OA CFM	700	710
RL Voltage	-	214.7/215.4/215.4
RL Amperage	-	3.2/3.1/3.1
SF System SetPt	-	75%
RA Damper Position	-	77%
RA Damper Type	-	ECONOMIZER
OA Damper Position	-	23%
OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.50"
Fan Suction SP	-	-0.81"
Fan Discharge SP	-	0.36"
Total ESP	0.70"	0.86"
Fan Total SP	-	1.17"

Completed By: John Barresi on 01/14/2026

Unit Data - PHOTO LOG

01/14/2026

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01/14/2026

National TAB

Project:01-12-26 WAWA #6618 RICHMOND, VA

AHU/RTU

Diffuser Supply (GRD)

RTU1/FOOD SERVICE

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	FOOD SERVICE	SD-6	10"	425	1	574	442	427	100.5
SGRD2	FOOD SERVICE	SD-6	10"	425	1	470	362	395	92.9
SGRD3	FOOD SERVICE	SD-6	10"	425	1	462	360	390	91.8
SGRD4	FOOD SERVICE	SD-6	10"	425	1	512	396	426	100.2
SGRD5	FOOD SERVICE	SD-6	10"	425	1	585	450	418	98.4
SGRD6	COFFEE	SD-6	12"	500	1	646	509	539	107.8
SGRD7	FOOD SERVICE	SD-6	10"	400	1	631	486	419	104.8
SGRD8	FOOD SERVICE	SD-6	10"	400	1	585	450	401	100.3
SGRD9	FOOD SERVICE	SD-6	10"	400	1	423	328	366	91.5
SGRD10	TRASH	SD-1	10"	300	1	559	423	298	99.3
SGRD11	ELECTRICAL ROOM	SD-1	10"	375	1	382	320	356	94.9
Total				4500		5829	4526	4435	98.56%

Diffuser Ret/Exh (GRD)

RTU1/FOOD SERVICE

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	FOOD SERVICE	RG-1	14"	870	1	747	747	884	101.6
EGRD2	FOOD SERVICE	RG-1	14"	865	1	623	623	738	85.3
EGRD3	FOOD SERVICE	RG-1	14"	865	1	679	679	784	90.6
EGRD4	WASHROOM	RG-1	16X14	1200	1	1114	1114	1319	109.9
Total				3800		3163	3163	3725	98.03%

Asset	Notes	Date	Written By
EGRD2	Correct amount of air is being returned from food service area, minimized adjustments to dampers to not restrict unit.	02/25/2026	Stephen Tassinaro

National TAB

Project: 01-12-26 WAWA #6618 RICHMOND, VA

System/Unit: AHU/RTU

Asset: RTU2 AREA:RETAIL

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624L02663
Model Num	LCT102H4E	LCT102H4E
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	14.1875"X23.25"
Num Final Filter 1	-	4
Final Filter Size 1	-	20"X25"X2"

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Frame	-	N/L
Horsepower	3.75	3.75
Motor Rpm	-	1780
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	8.0
Service Factor	-	N/L

Drive Data	
	Actual
Motor Sheave Size	DD
Motor Bore Size	DD
Motor Sheave SetPt	DD
Fan Sheave Size	DD
Fan Sheave Bore	DD
Belt CL Distance	DD
Num of Belts	DD
Belt Size	DD

Test Data		
	Design	**Actual**
SF CFM	3400	3449
SF RPM	-	926
MOTOR RPM	-	926
RA CFM	3020	3060
OA CFM	380	389
RL Voltage	-	210.9/211.0/211.3
RL Amperage	-	1.6/1.7/1.6
SF System SetPt	-	52%
RA Damper Position	-	76%
RA Damper Type	-	ECONOMIZER
OA Damper Position	-	24%
OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.19"
Fan Suction SP	-	-0.34"
Fan Discharge SP	-	0.29"
Total ESP	1.00"	0.53"
Fan Total SP	-	0.63"

Completed By: John Barresi on 01/14/2026

Unit Data - PHOTO LOG

01/14/2026

01/14/2026

01/14/2026

National TAB

Project:01-12-26 WAWA #6618 RICHMOND, VA

AHU/RTU

Diffuser Supply (GRD)

RTU2/RETAIL

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	RETAIL	SD-2		275	0.42	102	71	277	100.7
SGRD2	RETAIL	SD-2		275	0.42	775	543	301	109.5
SGRD3	RETAIL	SD-2		300	0.42	745	522	286	95.3
SGRD4	RETAIL	SD-2		275	0.42	402	281	268	97.5
SGRD5	RETAIL	SD-2		275	0.42	409	286	265	96.4
SGRD6	RETAIL	SD-2		275	0.42	240	168	282	102.5
SGRD7	RETAIL	SD-2		275	0.42	194	136	294	106.9
SGRD8	RETAIL	SD-2		275	0.42	184	129	296	107.6
SGRD9	HALLWAY	SD-2		275	0.42	250	175	299	108.7
SGRD10	HALLWAY	SD-1	8"	200	1	338	237	193	96.5
SGRD11	WOMENS RR	SD-5	8"	100	1	248	174	93	93.0
SGRD12	REAR VESTIBULE	SD-5	8"	200	1	261	183	195	97.5
SGRD13	MENS RR	SD-5	8"	150	1	278	195	143	95.3
SGRD14	DELIVERY ROOM	SD-1	8'	250	1	428	300	257	102.8
Total				3400		4854	3400	3449	101.44%

National TAB

Project: 01-12-26 WAWA #6618 RICHMOND, VA

System/Unit: AHU/RTU

Asset: RTU3 AREA:FOH

Unit Data		
	Design	**Actual**
MFG	LENNOX	LENNOX
Serial Num	-	5624L05432
Model Num	LCT072H4E	LCT072H4E
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	27.625"X14.25"
Num Final Filter 1	-	4
Final Filter Size 1	-	20"X20"X2"

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Frame	-	N/L
Horsepower	1.5	1.5
Motor Rpm	-	3300
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	4.4
Service Factor	-	N/L

Drive Data	
	Actual
Motor Sheave Size	DD
Motor Bore Size	DD
Motor Sheave SetPt	DD
Fan Sheave Size	DD
Fan Sheave Bore	DD
Belt CL Distance	DD
Num of Belts	DD
Belt Size	DD

Test Data		
	Design	**Actual**
SF CFM	2400	2439
SF RPM	-	2343
MOTOR RPM	-	2343
RA CFM	2200	2216
OA CFM	200	223
RL Voltage	-	214/214/213
RL Amperage	-	3.1/3.1/3.0
SF System SetPt	-	71%
RA Damper Position	-	81%
RA Damper Type	-	ECONOMIZER
OA Damper Position	-	19%
OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.64”
Fan Suction SP	-	-0.86”
Fan Discharge SP	-	0.57”
Total ESP	0.50"	1.21”
Fan Total SP	-	1.43”

Completed By: Cody Mauro on 02/17/2026

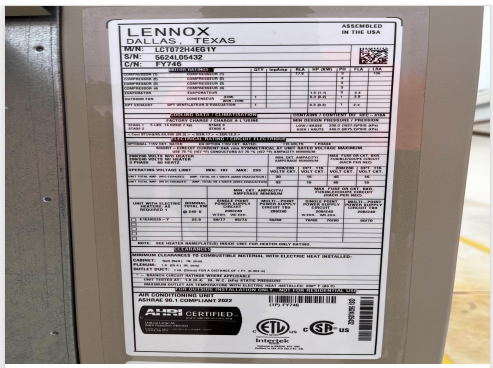
Notes:
Total supply traversed 2439CFM

Written By: Stephen Tassinaro on 02/25/2026

Unit Data - PHOTO LOG

01/14/2026

01/14/2026



01/14/2026

National TAB

Project:01-12-26 WAWA #6618 RICHMOND, VA

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	FOH	SD-2		450	0.42	495	421	451	100.2
SGRD2	FOH	SD-2		450	0.42	518	440	468	104.0
SGRD3	FOH	SD-2		450	0.42	598	508	473	105.1
SGRD4	FOH	SD-2		450	0.42	189	161	482	107.1
SGRD5	VESTIBULE	SD-5	8"	250	1	283	241	235	94.0
SGRD6	ASSOCIATES ROOM	SD-1	8"	200	1	391	332	194	97.0
SGRD7	OFFICE	SD-1	8"	150	1	341	290	136	90.7
Total				2400		2815	2393	2439	101.63%

National TAB

Project: 01-12-26 WAWA #6618 RICHMOND, VA

System/Unit: FAN - Exhaust

Asset: EF1 AREA:RESTROOM

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	GB-098-6	GB-098-6
Serial Num	-	27401618 25G
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

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

Test Data		
	Design	**Actual**
CFM	375	349
Fan RPM	-	1087
Fan Rotation	-	CW
Motor RPM	-	1755
System SetPt	-	2.5 TURNS OUT
RL Voltage	-	N/A
RL Amperage	-	N/A
Total ESP	0.38"	0.12”
Fan Inlet SP	-	-0.12”
Fan Discharge SP	-	ATM

Completed By: John Barresi on 01/14/2026

Unit Data - PHOTO LOG

01/14/2026

01/14/2026

National TAB

Project:01-12-26 WAWA #6618 RICHMOND, VA

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	WOMENS RR	EG-1	8X8	150	1	203	145	145	96.7
EGRD2	MENS RR	EG-1	8X8	225	1	179	204	204	90.7
Total				375		382	349	349	93.07%

National TAB

Project: 01-12-26 WAWA #6618 RICHMOND, VA

System/Unit: FAN - Exhaust

Asset: EF2 AREA:BOH

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	GB-098-6	GB-098-6
Serial Num	-	28377282 25L
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	VARI-GREEN
Frame	-	N/L
Horsepower	0.167	0.25
Motor Rpm	-	1750
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	2.85
Service Factor	-	1.25

Test Data		
	Design	**Actual**
CFM	400	405
Fan RPM	-	1103
Fan Rotation	-	CW
Motor RPM	-	1103
System SetPt	-	6.3
RL Voltage	-	N/A
RL Amperage	-	N/A
Total ESP	0.38"	0.14”
Fan Inlet SP	-	-0.14”
Fan Discharge SP	-	ATM

Completed By: John Barresi on 01/14/2026

Unit Data - PHOTO LOG

01/14/2026

01/14/2026

National TAB

Project:01-12-26 WAWA #6618 RICHMOND, VA

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	1	290	207	207	103.5
EGRD2	BOH	RG-2	8X8	200	0.66	279	198	198	99.0
Total				400		569	405	405	101.25%

National TAB

Project: 01-12-26 WAWA #6618 RICHMOND, VA

System/Unit: FAN - Exhaust

Asset: EF3 AREA:TRASH

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	SP-B200	SP-B200
Serial Num	-	200281279-006425F
Type	CEILING	CEILING
Configuration	HORIZONTAL	HORIZONTAL

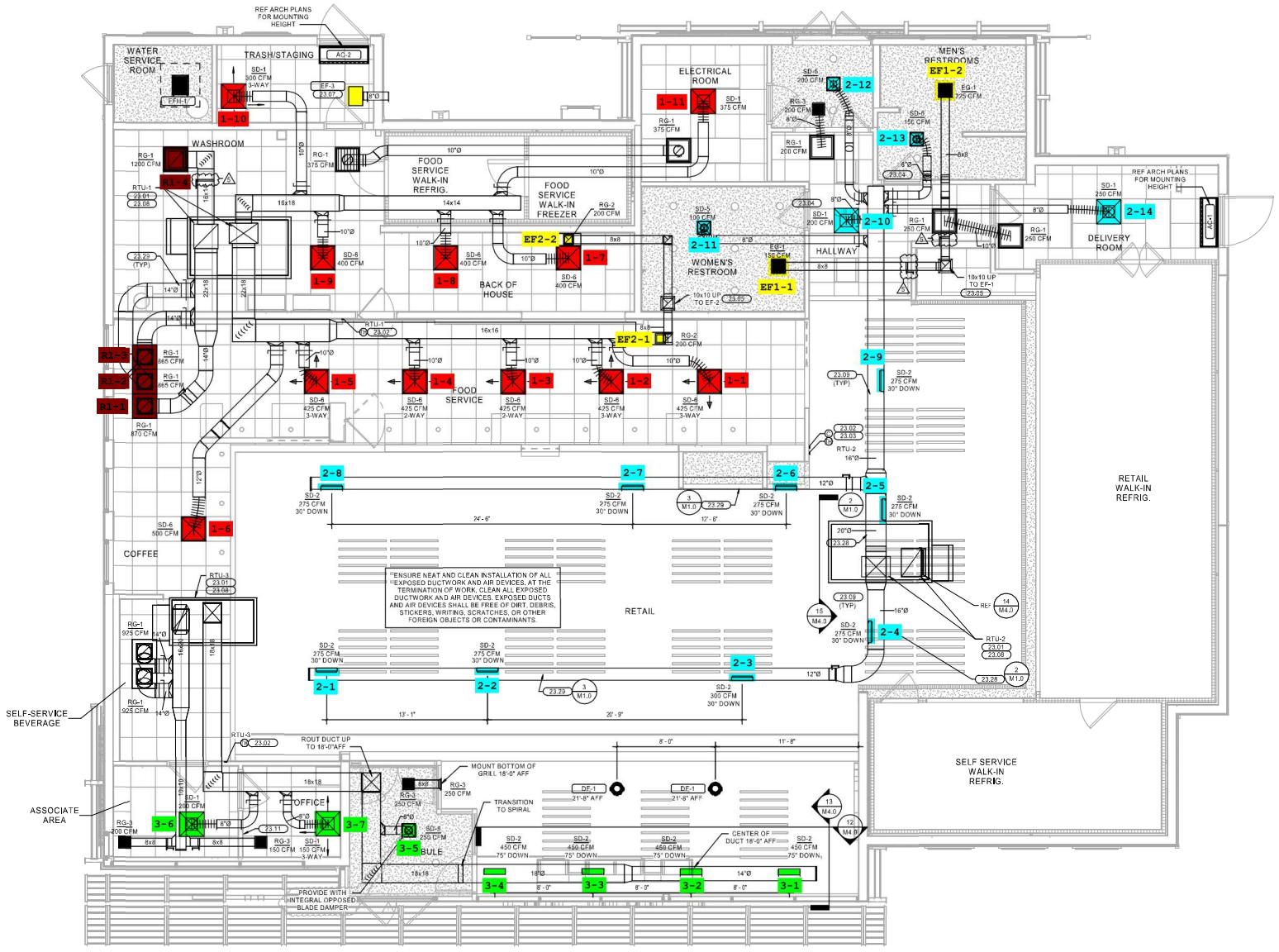
Motor Data		
	Design	**Actual**
Motor MFG	-	GREENHECK
Frame	-	N/L
Horsepower	0.167	0.033
Motor Rpm	-	1000
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	2.7
Service Factor	-	N/L

Test Data		
	Design	**Actual**
CFM	200	240
Fan RPM	-	1000
Fan Rotation	-	CCW
Motor RPM	-	1000
System SetPt	-	100%
RL Voltage	-	N/A
RL Amperage	-	N/A
Total ESP	0.50"	0.05"
Fan Inlet SP	-	-0.05"
Fan Discharge SP	-	ATM

Completed By: John Barresi on 01/14/2026

Unit Data - PHOTO LOG

01/14/2026



1 HVAC FLOOR PLAN
1/4" = 1'-0"