

**Report By:**

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



**Report: TAB REPORT**  
**Function: Test, Adjust, & Balance**  
**Date: 01/19/2026**  
**Completed By: National TAB**

# PROJECT

**02-02-26 WAWA #7420 SCOTTSBURG, IN**

1215 WEST MCCLAIN AVENUE

SCOTTSBURG, IN 47170

**Client**

Wawa  
260 West Baltimore Pike

Wawa, PA 19063

# National TAB

Project: 02-02-26 WAWA #7420 SCOTTSBURG, IN

## Table Of Contents

<b>Section</b>	<b>Page #</b>
Summary	3
Remarks	4
Checklist	10
AHU/RTU	21
FAN - Exhaust	27
GRD	32



# National TAB

Project: 02-02-26 WAWA #7420 SCOTTSBURG, IN  
Function: Test, Adjust, & Balance

## 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-1 LOW FLOW
- EF-1 MISSING DAMPERS
- RTU-1 MISSING DIFFUSER
- RTU-2 ECONOMIZER
- RTU-2 MISSING DAMPER



**02-02-26 WAWA #7420 SCOTTSBURG, IN**

**Project Issue Information**

**Issue Name :** EF-1 LOW FLOW  
**Description :** EF-1 is exhausting a total is 324cfm out of 375cfm required by design. Issue persists after fully tightening motor pulley to increase fan speed. No duct leakage detected.  
**Created By :** National TAB                      **Assigned To :** National TAB - Noah Stafford  
**Status :** Open  
**Priority :** Medium                                      **Asset Tag :** EF1  
**Originated Date :** 02/05/2026 - Noah Stafford - National TAB



**02-02-26 WAWA #7420 SCOTTSBURG, IN**

**Project Issue Information**

**Issue Name :** EF-1 MISSING DAMPERS  
**Description :** EF-1 (bathroom exhaust) is missing dampers on both grilles. TAB cannot be completed until resolved.  
**Created By :** National TAB                      **Assigned To :** National TAB - Noah Stafford  
**Status :** Open  
**Priority :** Urgent                                      **Asset Tag :** EF1  
**Originated Date :** 02/05/2026 - Noah Stafford - National TAB

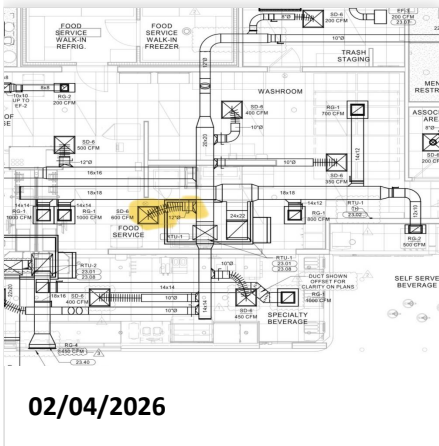


02-02-26 WAWA #7420 SCOTTSBURG, IN

Project Issue Information

**Issue Name :** RTU-1 MISSING DIFFUSER  
**Description :** Diffuser 1-5 on RTU-1 and necessary ductwork are not present. TAB cannot be completed to spec until resolved.  
**Created By :** National TAB                      **Assigned To :** National TAB - Noah Stafford  
**Status :** Open  
**Priority :** High                                      **Asset Tag :**  
**Originated Date :** 02/04/2026 - Noah Stafford - National TAB

Project Issue File Details





**02-02-26 WAWA #7420 SCOTTSBURG, IN**

**Project Issue Information**

**Issue Name :** RTU-2 ECONOMIZER  
**Description :** RTU-2 economizer is not moving and therefore cannot be calibrated to set outdoor air. TAB cannot be completed until resolved.  
**Created By :** National TAB                      **Assigned To :** National TAB - Noah Stafford  
**Status :** Open  
**Priority :** High                                      **Asset Tag :** RTU2  
**Originated Date :** 02/05/2026 - Noah Stafford - National TAB

Project Issue File Details



02/05/2026



02-02-26 WAWA #7420 SCOTTSBURG, IN

Project Issue Information

**Issue Name :** RTU-2 MISSING DAMPER  
**Description :** RTU-2 missing a damper at takeoff. Closing every damper on this takeoff insufficient to redirect flow as needed. TAB cannot be completed until resolved.  
**Created By :** National TAB                      **Assigned To :** National TAB - Noah Stafford  
**Status :** Open  
**Priority :** High                                      **Asset Tag :**  
**Originated Date :** 02/05/2026 - Noah Stafford - National TAB

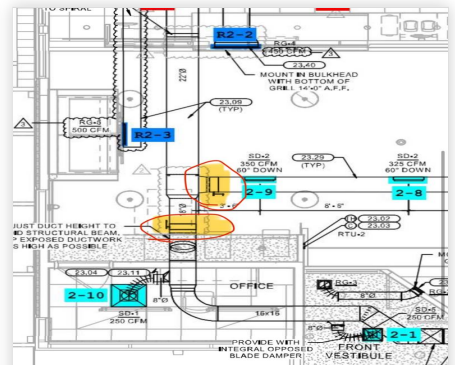
Project Issue File Details



02/05/2026



02/05/2026



02/05/2026

## CheckList List

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



02-02-26 WAWA #7420 SCOTTSBURG, IN

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

<b>All diffusers and grilles are installed and match design?</b>	Fail
--	------

**Comment:**

Back kitchen supply diffuser on RTU-1 is missing. No other related issues.

<b>Clean filters installed?</b>	Pass
---------------------------------	------

**Comment:**

<b>Economizers are assembled and functional?</b>	Fail
--	------

**Comment:**

RTU-2 economizer not responding to control inputs.

<b>Motors are all operating below the FLA rating?</b>	Pass
---	------

**Comment:**

<b>Are belts tight?</b>	N/A
-------------------------	-----

**Comment:**

<b>If direct drive unit is the speed controller working?</b>	Pass
--	------

**Comment:**

<b>Is gas piping installed and valves turned on?</b>	Pass
--	------

**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?**

Fail

**Comment:**

Not marked on RTU-2 due to economizer issue.

**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%?**

Fail

**Comment:**

RTU-1: PASS RTU-2: FAIL RTU-3: PASS

**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:**

N/A

**Comment:**

Ambient temperature too cold to safely test.

**Heating mode is operational? Record EAT/LAT for each unit:**

Pass

**Comment:**

RTU1: 65F EAT/69F LAT RTU2: 63F EAT/67F LAT RTU3: 68F EAT/78F LAT

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

N/A

**Comment:**

Ambient temperature too cold to safely test.



02-02-26 WAWA #7420 SCOTTSBURG, IN

**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 :** 02/05/2026 - Noah Stafford - 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:

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:**

---



02-02-26 WAWA #7420 SCOTTSBURG, IN

**CheckList Information**

**Name :** 03: SENSOR WIRING (LENNOX) **Status :** Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 12/17/2025 - Natasha Louw - National TAB  
**Completed Date :** 02/05/2026 - Noah Stafford - 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:



02-02-26 WAWA #7420 SCOTTSBURG, IN

CheckList Information

**Name :** 04: EF'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

EF's

<b>Rotation is correct?</b>	Pass
-----------------------------	------

**Comment:**

<b>Belts are tight (if applicable)?</b>	Pass
---	------

**Comment:**

<b>Speed controller installed and functional (if applicable)?</b>	N/A
---	-----

**Comment:**

<b>There is no major leakage around base of fan?</b>	Pass
--	------

**Comment:**

<b>Is the motor operating below the motor FLA rating?</b>	Pass
---	------

**Comment:**

<b>Back draft damper installed and can it fully open?</b>	Pass
---	------

**Comment:**

<b>Unit free of noticeable noise and vibration?</b>	Pass
---	------

**Comment:**

---

**Total exhaust flow balanced within +/-5% and grilles are within +/-10%?**

Fail

---

**Comment:**

EF-1: LOW FLOW

---



02-02-26 WAWA #7420 SCOTTSBURG, IN

**CheckList Information**

**Name :** 05: CLOSEOUT CHECKS **Status :** Not Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 12/17/2025 - Natasha Louw - National TAB

**CheckList Item Details**

**SPACE COMFORT**

Is space free of drafting?

Comment:

Is space comfortable in all areas?

Comment:

Is the space free of ventilation noise?

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)

Comment:

# National TAB

Project: 02-02-26 WAWA #7420 SCOTTSBURG, IN

System/Unit: AHU/RTU



Asset: RTU 1

AREA:FOOD SERVICE

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5625E01960
Model Num	LGT150H5E	LGT150H5E
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	16X24"
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2"

Motor Data		
	Design	Actual
Horsepower	3.75	3.8
Phase	3	3
Rated Voltage	208	208V
Rated Amperage	-	8.0A

Test Data		
	Design	Actual
SF CFM	4500	4312
SF RPM	-	
MOTOR RPM	-	
RA CFM	4000	3804
OA CFM	500	508
RL Voltage	-	
RL Amperage	-	
SF System SetPt	-	97%
OA Damper Position	-	
OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.70"	
Fan Total SP	-	

# National TAB

Project:02-02-26 WAWA #7420 SCOTTSBURG, IN  
AHU/RTU



**Diffuser Supply (GRD)**

**RTU 1/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"	400	1	595	441	441	110.3
SGRD2	FOOD SERVICE	SD-6	10"	400	1	620	553	553	138.3
SGRD3	FOOD SERVICE	SD-6	10"	450	1	665	372	372	82.7
SGRD4	WASHROOM	SD-6	10"	350	1	574	322	322	92.0
SGRD5	FOOD SERVICE	SD-6	12"	600	1	0	0	0	0.0
SGRD6	FOOD SERVICE	SD-6	10"	450	1	373	487	487	108.2
SGRD7	FOOD SERVICE	SD-6	12"	500	1	93	671	671	134.2
SGRD8	FOOD SERVICE	SD-6	12"	500	1	806	515	515	103.0
SGRD9	WASHROOM	SD-6	10"	400	1	476	542	542	135.5
SGRD10	TRASH	SD-6	8"	200	1	313	248	248	124.0
SGRD11	ELECTRICAL	SD-6	10"	250	1	166	161	161	64.4
Total				4500		4681	4312	4312	95.82%

**Diffuser Ret/Exh (GRD)**

**RTU 1/FOOD SERVICE**

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	FOOD SERVICE	RG-2	12X10	500	1	139			-
EGRD2	WASHROOM	RG-1	14X12	700	1	751			-
EGRD3	FOOD SERVICE	RG-1	14X12	800	1	463			-
EGRD4	FOOD SERVICE	RG-1	14X14	1000	1	574			-
EGRD5	FOOD SERVICE	RG-1	14X14	1000	1	555			-
Total				4000		2482	0	0	0%

# National TAB

Project: 02-02-26 WAWA #7420 SCOTTSBURG, IN

System/Unit: AHU/RTU



Asset: RTU2

AREA:RETAIL

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5625D03925
Model Num	LGT102H5E	LGT102H5E
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	2
OA Filter Size 1	-	16X24"
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2"

Motor Data		
	Design	Actual
Horsepower	3.75	3.8
Phase	3	3
Rated Voltage	208	208V
Rated Amperage	-	8.0A

Test Data		
	Design	Actual
SF CFM	3400	3368
RA CFM	2950	
OA CFM	450	
RL Voltage	-	209/210/209V
RL Amperage	-	2.7/2.7/2.7A
SF System SetPt	-	65%
OA Damper Position	-	
OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.54"
Fan Suction SP	-	-0.56"
Fan Discharge SP	-	0.39"
Total ESP	0.50"	1.03"
Fan Total SP	-	1.05"

# National TAB

Project:02-02-26 WAWA #7420 SCOTTSBURG, IN

## 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	ENTRANCE	SD-5	8"	250	1	195	200	200	80.0
SGRD2	RETAIL	SD-2		400	0.71	533	400	400	100.0
SGRD3	RETAIL	SD-2		400	0.71		405	416	104.0
SGRD4	RETAIL	SD-2		400	0.71		420	390	97.5
SGRD5	RETAIL	SD-2		350	0.71	460	380	372	106.3
SGRD6	RETAIL	SD-2		325	0.71		323	330	101.5
SGRD7	RETAIL	SD-2		350	0.71		365	367	104.9
SGRD8	RETAIL	SD-2		325	0.71		366	320	98.5
SGRD9	RETAIL	SD-2		350	0.71		355	350	100.0
SGRD10	OFFICE	SD-1	8"	250	1	191	206	223	89.2
Total				3400		1379	3420	3368	99.06%

### Diffuser Ret/Exh (GRD)

#### RTU2/RETAIL

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	SPECIALITY BEVERAGE	RG-1	14X14	1000					-
EGRD2	RETAIL	RG-4	18X16	450					-
EGRD3	RETAIL	RG-4		500					-
Total				1950		0	0	0	0%

# National TAB

Project: 02-02-26 WAWA #7420 SCOTTSBURG, IN

System/Unit: AHU/RTU



Asset: RTU3

AREA:FOH

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5625E03665
Model Num	LGT072H5E	LGT072H5E
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	30X16"
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2"

Motor Data		
	Design	Actual
Horsepower	1.5	1.5
Phase	3	3
Rated Voltage	208	208V
Rated Amperage	-	4.4A

Test Data		
	Design	Actual
SF CFM	2400	2350
RA CFM	2075	2035
OA CFM	325	315
RL Voltage	-	211/211/210V
RL Amperage	-	3.5/3.5/3.4A
SF System SetPt	-	89%
OA Damper Position	-	26%
OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.41"
Fan Suction SP	-	-0.60"
Fan Discharge SP	-	0.51"
Total ESP	0.50"	0.92"
Fan Total SP	-	1.11"

Completed By: Noah Stafford on 02/05/2026

Notes:  
SUPPLY DIFFUSER 3-1 NOT PRESENT

Written By: Noah Stafford on 02/05/2026

# National TAB

Project:02-02-26 WAWA #7420 SCOTTSBURG, IN  
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	WALK IN FRIDGE			0	0	0	0	0	-
SGRD2	RETAIL	SD-2		300	0.71		308?	283	94.3
SGRD3	RETAIL	SD-2		150	0.71		231?	173	115.3
SGRD4	RETAIL	SD-2		400	0.71		400?	434	108.5
SGRD5	RETAIL	SD-2		150	0.71		143	143	95.3
SGRD6	RETAIL	SD-2		400	0.71		395	404	101.0
SGRD7	DELIVERY ROOM	SD-6	8"	250	1	182	185	226	90.4
SGRD8	WOMENS RR	SD-5	8"	125	1	136	163	120	96.0
SGRD9	REAR VESTIBULE	SD-5	8"	250	1	174	188	222	88.8
SGRD10	MENS RR	SD-5	8"	175	1	122	133	156	89.1
SGRD11	ASSOCIATES AREA	SD-6	8"	200	1	125	149	189	94.5
Total				2400		739	1356	2350	97.92%

**Diffuser Ret/Exh (GRD)**

**RTU3/FOH**

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	CLOSET	RG-3		125	1	112	112	112	89.6
EGRD2				1950	1	1923	1923	1923	98.6
Total				2075		2035	2035	2035	98.07%

Completed By: Noah Stafford on 02/05/2026

# National TAB

Project: 02-02-26 WAWA #7420 SCOTTSBURG, IN

## 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	-	27886361
Type	DOWBLAST	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	115V
Amperage (rated)	-	3.6A
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	375	324
Fan RPM	-	1210
Fan Rotation	-	CW
Motor RPM	-	
System SetPt	-	100%
RL Voltage	-	115V
RL Amperage	-	3.6A
Total ESP	0.38"	0.24"
Fan Inlet SP	-	-0.24"
Fan Discharge SP	-	ATM

# National TAB

Project:02-02-26 WAWA #7420 SCOTTSBURG, IN

## 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	MENS RR	EG-1	8X8	225	1	148	167	167	74.2
EGRD2	WOMENS RR	EG-1	8X8	150	1	143	157	157	104.7
Total				375		291	324	324	86.4%

# National TAB

Project: 02-02-26 WAWA #7420 SCOTTSBURG, IN

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	-	27886362
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	115V
Amperage (rated)	-	3.6A
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	400	381
Fan RPM	-	1117
Fan Rotation	-	CW
Motor RPM	-	1117
System SetPt	-	100%
RL Voltage	-	112V
RL Amperage	-	3.6A
Total ESP	0.38"	0.19"
Fan Inlet SP	-	-0.19"
Fan Discharge SP	-	ATM

Completed By: Noah Stafford on 02/05/2026

# National TAB

Project:02-02-26 WAWA #7420 SCOTTSBURG, IN

## 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	199	199	199	99.5
EGRD2	BOH	RG-2	8X8	200	1	182	182	182	91.0
Total				400		381	381	381	95.25%

# National TAB

Project: 02-02-26 WAWA #7420 SCOTTSBURG, IN

System/Unit: FAN - Exhaust



Asset: EF3

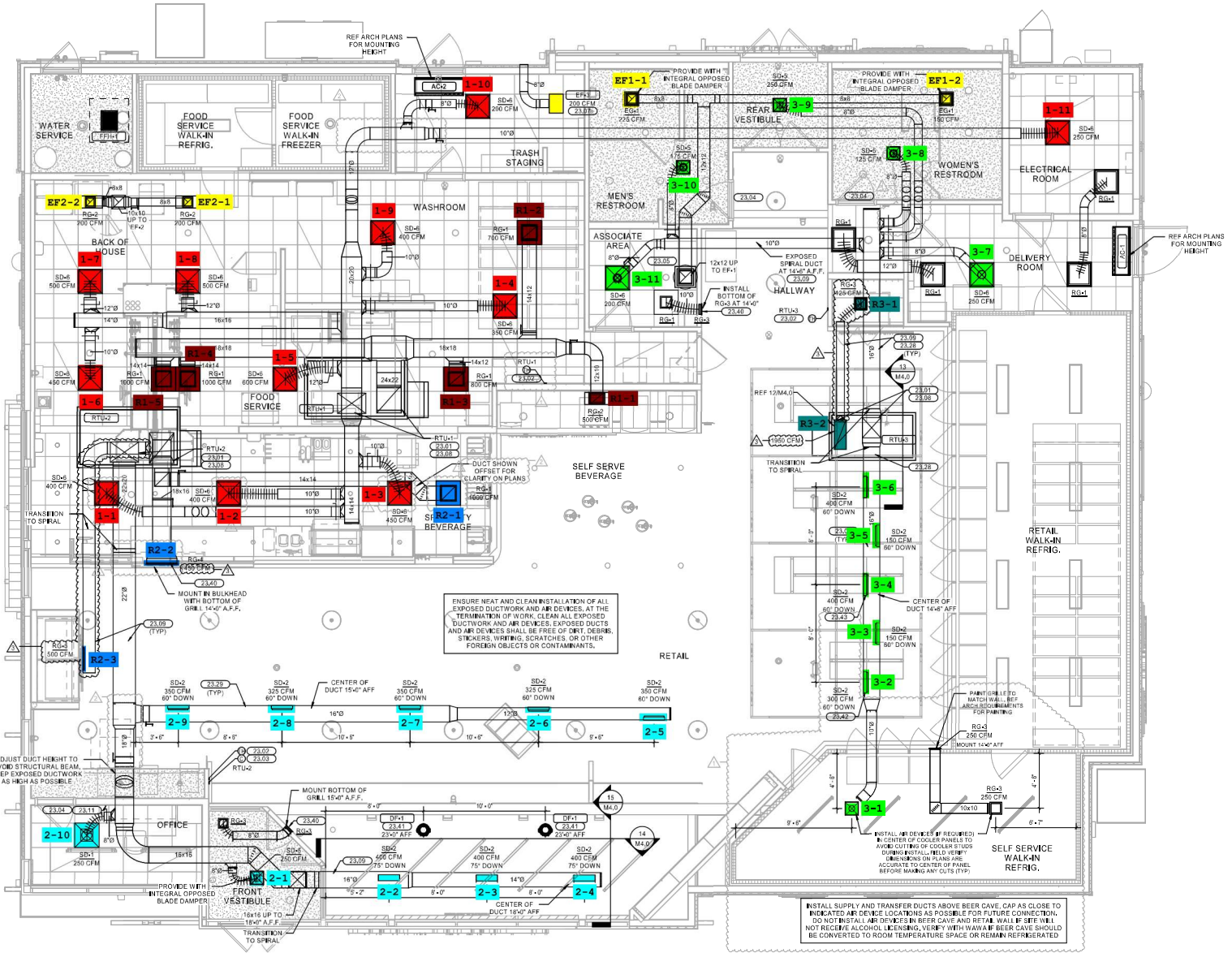
AREA:TRASH

Unit Data		
	Design	Actual
MFG	GREENHECK	GREENHECK
Model Num	SP-B200	SP-B200
Serial Num	-	202915149-0044
Type	CEILING	CEILING
Configuration	HORIZONTAL	HORIZONTAL

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Frame	-	
Horsepower	0.167	0.033
Motor Rpm	-	1000
Phase	1	1
Voltage (rated)	120	115V
Amperage (rated)	-	2.7A

Test Data		
	Design	Actual
CFM	200	218
Fan Rotation	-	CW
System SetPt	-	100%
RL Voltage	-	115V
RL Amperage	-	2.21A
Total ESP	0.50"	0.22"
Fan Inlet SP	-	-0.22"
Fan Discharge SP	-	ATM

Completed By: Noah Stafford on 02/04/2026



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