**Report By:**

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

**Report: TAB Report**

**Function: Test, Adjust, & Balance**

**Date: 03/03/2026**

**Completed By: National TAB**

# PROJECT

## 03-02-26 WAWA #7419 SELLERSBURG, IN

7312 APPLELEAF LN

SELLERSBURG, IN 47172

Client

Wawa

260 West Baltimore Pike

Wawa, PA 19063

# National TAB

**Project: 03-02-26 WAWA #7419 SELLERSBURG, IN**

## Table Of Contents

## 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

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 | BOH | 4500 | 4570 | 3775 | 3823 | 725 | 747 | 16.1% | 16.3% | | | | | | |
| RTU-2 | RETAIL | 3400 | 3490 | 2800 | 2918 | 600 | 572 | 17.6% | 16.4% | | | | | | |
| RTU-3 | RETAIL/RR | 2400 | 2432 | 1850 | 1877 | 550 | 555 | 22.9% | 22.8% | | | | | | |
| EF-1 | RESTROOM | | | | | | | | | | | | | 375 | 392 |
| EF-2 | BOH | | | | | | | | | | | | | 1000 | 1039 |
| EF-3 | TRASH | | | | | | | | | | | | | 200 | 208 |
| **TOTALS** | | 10300 | 10492 | 8425 | 8618 | 1875 | 1874 | | | 0 | 0 | 0 | 0 | 1575 | 1639 |

**NET BUILDING AIRFLOW CALCULATION**

| TOTALS | DESIGN | ACTUAL |
|---|---|---|
| TOTAL OA | 1875 | 1874 |
| TOTAL EXHAUST | 1575 | 1639 |
| **NET AIRFLOW** | 300 | 235 |

| DOOR TESTED | BUILDING PRESSURE MEASUREMENTS (IN. H20) |
|---|---|
| FRONT | 0.0053 |
| SIDE | 0.0082 |
| REAR | 0.0096 |
| **AVERAGE** | **0.0077** |

**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

## 03-02-26 WAWA #7419 SELLERSBURG, IN

### CheckList Information

| | | | |
|---|---|---|---|
| **Name :** | 01: RTU's/AHU's | **Status :** | Completed |
| **Assigned Organization :** | National TAB | **Asset :** | |
| **Requesting Organization :** | National TAB | | |
| **Created Date :** | 01/05/2026 - Trinity Dodds - National TAB | | |
| **Completed Date :** | 03/03/2026 - Aaron Cosby - 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?** | 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?** | 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:**<br>RTU1- 77/64 RTU2- 63/51 RTU3- 62/53 | |
| **Heating mode is operational? Record EAT/LAT for each unit:** | Pass |
| **Comment:**<br>RTU1- 71/69 RTU2- 64/60 RTU3- 61/60 | |

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

**Comment:**

RTU1- 69/69 RTU2- 66/66 RTU3- 63/67

# 03-02-26 WAWA #7419 SELLERSBURG, IN

## CheckList Information

| | | | |
|---|---|---|---|
| **Name :** | 02: LENNOX SETUP PARAMETERS | **Status :** | Completed |
| **Assigned Organization :** | National TAB | **Asset :** | |
| **Requesting Organization :** | National TAB | | |
| **Created Date :** | 02/18/2026 - Trinity Dodds - National TAB | | |
| **Completed Date :** | 03/03/2026 - Aaron Cosby - 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: 1200** | 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 100%** | 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:**

RTU1-90% RTU2-87% RTU3-90%

**HEAT CFM VALUE: PER THE HVAC SCHEDULE**

**Comment:**

RTU1- 4500 RTU2- 3400 RTU3- 2400

| | |
|---|---|
| **HIGH COOL CFM VALUE: THE HIGH COOL CFM VALUE** | Pass |
| **Comment:**<br>RTU1- 4500 RTU2- 3400 RTU3- 2400 | |
| **LOW COOL CFM VALUE: MATCH THE HIGH COOL CFM VALUE** | Pass |
| **Comment:**<br>RTU1- 4500 RTU2- 3400 RTU3- 2400 | |
| **VENTILATION CFM VALUE: MATCH THE HIGH COOL CFM VALUE** | |
| **Comment:**<br>RTU1- 4500 RTU2- 3400 RTU3- 2400 | |
| **SET THE POWER EXHAUST ON SETPOINT TO 20% HIGHER THAN THE MINIMUM DAMPER POSITION.** | Pass |
| **Comment:** | |

# 03-02-26 WAWA #7419 SELLERSBURG, IN

## CheckList Information

| | | | |
|---|---|---|---|
| **Name :** | 03: SENSOR WIRING (LENNOX) | **Status :** | Completed |
| **Assigned Organization :** | National TAB | **Asset :** | |
| **Requesting Organization :** | National TAB | | |
| **Created Date :** | 01/05/2026 - Trinity Dodds - National TAB | | |
| **Completed Date :** | 03/03/2026 - Aaron Cosby - 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:** | |
| RTU1- 32% RTU2- 30% RTU3- 35% | |

# 03-02-26 WAWA #7419 SELLERSBURG, IN

## CheckList Information

| | | | |
|---|---|---|---|
| **Name :** | 04: EF'S | **Status :** | Completed |
| **Assigned Organization :** | National TAB | **Asset :** | |
| **Requesting Organization :** | National TAB | | |
| **Created Date :** | 01/05/2026 - Trinity Dodds - National TAB | | |
| **Completed Date :** | 03/03/2026 - Aaron Cosby - 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:** | |

# 03-02-26 WAWA #7419 SELLERSBURG, IN

## CheckList Information

| | | | |
|---|---|---|---|
| **Name :** | 05: CLOSEOUT CHECKS | **Status :** | Completed |
| **Assigned Organization :** | National TAB | **Asset :** | |
| **Requesting Organization :** | National TAB | | |
| **Created Date :** | 01/05/2026 - Trinity Dodds - National TAB | | |
| **Completed Date :** | 03/03/2026 - Aaron Cosby - 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: 03-02-26 WAWA #7419 SELLERSBURG, IN**

## System/Unit: AHU/RTU

**Asset: RTU-1** AREA:BOH

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | LENNOX | LENNOX |
| **Serial Num** | - | 5625H05047 |
| **Model Num** | LGT150H5E | LGT150H5E |
| **Type** | RTU | RTU |
| **Configuration** | VERTICAL | VERTICAL |
| **Num OA Filters 1** | - | 2 |
| **OA Filter Size 1** | - | 15"X22" |
| **Num Final Filter 1** | - | 4 |
| **Final Filter Size 1** | - | 20"X25"X2" |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 4500 | 4570 |
| **MOTOR RPM** | - | 1602 |
| **RA CFM** | 3775 | 3823 |
| **OA CFM** | 725 | 747 |
| **RL Voltage** | - | 211/211/212 |
| **RL Amperage** | - | 6.7/6.3/6.8 |
| **SF System SetPt** | - | 90% |
| **OA Damper Position** | - | 26% |
| **OA Damper Type** | - | ECONOMIZER |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 3.75 | NL |
| **Motor Rpm** | - | 1780 |
| **Phase** | 3 | 3 |
| **Rated Voltage** | 208 | 208 |
| **Rated Amperage** | - | 8.0 |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | -0.80” |
| **Fan Suction SP** | - | -1.15” |
| **Fan Discharge SP** | - | 1.00” |
| **Total ESP** | 0.70" | 1.80" |
| **Fan Total SP** | - | 2.15" |

Completed By: Aaron Cosby on 03/03/2026

## Unit Data - PHOTO LOG

**03/04/2026**

# National TAB

**Project:03-02-26 WAWA #7419 SELLERSBURG, IN**

## AHU/RTU

### Diffuser Supply (GRD)

**RTU-1/BOH**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| SGRD1 | SPECIALTY BEVERAGE | SD-6 | 10" | 450 | 1 | 659 | 659 | 477 | 106.0 |
| SGRD2 | SPECIALTY BEVERAGE | SD-6 | 10" | 400 | 1 | 635 | 635 | 423 | 105.8 |
| SGRD3 | SPECIALTY BEVERAGE | SD-6 | 10" | 400 | 1 | 661 | 661 | 404 | 101.0 |
| SGRD4 | BOH | SD-6 | 10" | 450 | 1 | 316 | 316 | 472 | 104.9 |
| SGRD5 | BOH | SD-6 | 12" | 500 | 1 | 477 | 477 | 518 | 103.6 |
| SGRD6 | BOH | SD-6 | 12" | 500 | 1 | 408 | 408 | 508 | 101.6 |
| SGRD7 | FOOD SERVICE | SD-6 | 12" | 600 | 1 | 524 | 524 | 589 | 98.2 |
| SGRD8 | WASHROOM | SD-6 | 10" | 350 | 1 | 354 | 354 | 359 | 102.6 |
| SGRD9 | WASHROOM | SD-6 | 10" | 400 | 1 | 353 | 353 | 398 | 99.5 |
| SGRD10 | TRASH STAGING | SD-6 | 8" | 200 | 1 | 318 | 318 | 188 | 94.0 |
| SGRD11 | ELECTRICAL RM | SD-6 | 10" | 250 | 1 | 322 | 234 | 234 | 93.6 |
| Total | | | | 4500 | | 5027 | 4939 | 4570 | 101.56% |

### Diffuser Ret/Exh (GRD)

**RTU-1/BOH**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| EGRD1 | FOOD SERVICE | RG-1 | 14X14 | 1000 | 1 | 1043 | 1043 | 1043 | 104.3 |
| EGRD2 | FOOD SERVICE | RG-1 | 14X14 | 1000 | 1 | 1022 | 1022 | 1022 | 102.2 |
| EGRD3 | FOOD SERVICE | RG-1 | 14X12 | 675 | 1 | 680 | 680 | 680 | 100.7 |
| EGRD4 | WASHROOM | RG-1 | 14X12 | 600 | 1 | 651 | 651 | 651 | 108.5 |
| EGRD5 | FOOD SERVICE | RG-2 | 12X10 | 500 | 1 | 487 | 487 | 487 | 97.4 |
| Total | | | | 3775 | | 3883 | 3883 | 3883 | 102.86% |

# National TAB

**Project: 03-02-26 WAWA #7419 SELLERSBURG, IN**

## System/Unit: AHU/RTU

**Asset: RTU-2** AREA:SALES/OFFICE

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | LENNOX | LENNOX |
| **Serial Num** | - | 5625H02107 |
| **Model Num** | LGT102H5E | LGT102H5E |
| **Type** | RTU | RTU |
| **Configuration** | VERTICAL | VERTICAL |
| **Num OA Filters 1** | - | 2 |
| **OA Filter Size 1** | - | 15”X22” |
| **Num Final Filter 1** | - | 4 |
| **Final Filter Size 1** | - | 20”X25”X2” |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 3400 | 3490 |
| **MOTOR RPM** | - | 1602 |
| **RA CFM** | 2800 | 3103 |
| **OA CFM** | 600 | 572 |
| **RL Voltage** | - | 210/210/211 |
| **RL Amperage** | - | 6.8/6.5/6.7 |
| **SF System SetPt** | - | 87% |
| **OA Damper Position** | - | 22% |
| **OA Damper Type** | - | ECONOMIZER |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 3.75 | NL |
| **Motor Rpm** | - | 1780 |
| **Phase** | 3 | 3 |
| **Rated Voltage** | 208 | 208 |
| **Rated Amperage** | - | 8.0 |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | -0.68” |
| **Fan Suction SP** | - | -1.00” |
| **Fan Discharge SP** | - | 1.25” |
| **Total ESP** | 0.50" | 1.93" |
| **Fan Total SP** | - | 2.25" |

Completed By: Aaron Cosby on 03/03/2026

## Unit Data - PHOTO LOG

**03/04/2026**

# National TAB

**Project:03-02-26 WAWA #7419 SELLERSBURG, IN**

## AHU/RTU

### Diffuser Supply (GRD)

**RTU-2/SALES/OFFICE**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| SGRD1 | RETAIL | SD-2 | 14" | 400 | 0.48 | 420 | 422 | 412 | 103.0 |
| SGRD2 | RETAIL | SD-2 | 14" | 400 | 0.48 | 437 | 436 | 420 | 105.0 |
| SGRD3 | RETAIL | SD-2 | 16" | 400 | 0.48 | 400 | 404 | 400 | 100.0 |
| SGRD4 | FRONT VEST | SD-5 | 8" | 250 | 0.48 | 421 | 266 | 266 | 106.4 |
| SGRD5 | OFFICE | SD-1 | 8" | 250 | 1 | 460 | 264 | 264 | 105.6 |
| SGRD6 | RETAIL | SD-2 | 16" | 350 | 0.48 | 378 | 355 | 355 | 101.4 |
| SGRD7 | RETAIL | SD-2 | 16" | 325 | 0.48 | 401 | 334 | 334 | 102.8 |
| SGRD8 | RETAIL | SD-2 | 16" | 350 | 0.48 | 390 | 359 | 359 | 102.6 |
| SGRD9 | RETAIL | SD-2 | 12" | 325 | 0.48 | 377 | 332 | 332 | 102.2 |
| SGRD10 | RETAIL | SD-2 | 12" | 350 | 0.48 | 399 | 348 | 348 | 99.4 |
| Total | | | | 3400 | | 4083 | 3520 | 3490 | 102.65% |

### Diffuser Ret/Exh (GRD)

**RTU-2/SALES/OFFICE**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| EGRD1 | RETAIL | RG-5 | 12" | 500 | 1 | 534 | 534 | 534 | 106.8 |
| EGRD2 | RETAIL | RG-4 | 18X16 | 1450 | 2 | 1480 | 1480 | 1480 | 102.1 |
| EGRD3 | SPECIALTY BEVERAGE | RG-1 | 14X14 | 850 | 1.36 | 867 | 867 | 867 | 102.0 |
| Total | | | | 2800 | | 2881 | 2881 | 2881 | 102.89% |

# National TAB

**Project: 03-02-26 WAWA #7419 SELLERSBURG, IN**

## System/Unit: AHU/RTU

**Asset: RTU-3** AREA:SALES/RR

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | LENNOX | LENNOX |
| **Serial Num** | - | 5625H04777 |
| **Model Num** | LGT072H5E | LGT072H5E |
| **Type** | RTU | RTU |
| **Configuration** | VERTICAL | VERTICAL |
| **Num OA Filters 1** | - | 1 |
| **OA Filter Size 1** | - | 29”X13” |
| **Num Final Filter 1** | - | 4 |
| **Final Filter Size 1** | - | 20”X20”X2” |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 1.5 | NL |
| **Motor Rpm** | - | NL |
| **Phase** | 3 | 3 |
| **Rated Voltage** | 208 | 208 |
| **Rated Amperage** | - | 4.4 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **SF CFM** | 2400 | 2432 |
| **RA CFM** | 1850 | 1877 |
| **OA CFM** | 550 | 555 |
| **RL Voltage** | - | 211/211/212 |
| **RL Amperage** | - | 3.1/3.2/3.2 |
| **SF System SetPt** | - | 90% |
| **OA Damper Position** | - | 16% |
| **OA Damper Type** | - | ECONOMIZER |

| Performance Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MA Plenum SP** | - | -0.24” |
| **Fan Suction SP** | - | -0.42” |
| **Fan Discharge SP** | - | 0.64” |
| **Total ESP** | 0.50" | 0.88" |
| **Fan Total SP** | - | 1.06" |

Completed By: Aaron Cosby on 03/03/2026

Notes:
Supply diffuser 1 capped as per REV.2

Written By: Aaron Cosby on 03/03/2026

## Unit Data - PHOTO LOG

**03/04/2026**

### Diffuser Supply (GRD)

**RTU-3/SALES/RR**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| SGRD2 | RETAIL | SD-2 | 16" | 300 | 0.25 | 233 | 290 | 290 | 96.7 |
| SGRD3 | RETAIL | SD-2 | 16" | 150 | 0.25 | 348 | 159 | 159 | 106.0 |
| SGRD4 | RETAIL | SD-2 | 16" | 400 | 0.25 | 255 | 386 | 386 | 96.5 |
| SGRD5 | RETAIL | SD-2 | 16" | 150 | 0.25 | 282 | 162 | 162 | 108.0 |
| SGRD6 | RETAIL | SD-2 | 16" | 400 | 0.25 | 351 | 391 | 391 | 97.8 |
| SGRD7 | DELIVERY ROOM | SD-6 | 8" | 250 | 1 | 228 | 248 | 248 | 99.2 |
| SGRD8 | WOMEN'S RR | SD-5 | 8" | 125 | 1 | 243 | 131 | 131 | 104.8 |
| SGRD9 | ASSOCIATE AREA | SD-6 | 8" | 200 | 1 | 154 | 204 | 204 | 102.0 |
| SGRD10 | MEN'S RR | SD-5 | 8" | 175 | 1 | 240 | 189 | 189 | 108.0 |
| SGRD11 | REAR VEST | SD-5 | 8" | 250 | 1 | 228 | 272 | 272 | 108.8 |
| Total | | | | 2400 | | 2562 | 2432 | 2432 | 101.33% |

### Diffuser Ret/Exh (GRD)

**RTU-3/SALES/RR**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| EGRD1 | RETAIL | RG-3 | 24X20 | 1725 | 3.33 | 1718 | 1718 | 1718 | 99.6 |
| EGRD2 | HALLWAY CLOSET | RG-3 | 8X8 | 125 | 1 | 135 | 135 | 135 | 108.0 |
| Total | | | | 1850 | | 1853 | 1853 | 1853 | 100.16% |

# National TAB

**Project: 03-02-26 WAWA #7419 SELLERSBURG, IN**

## System/Unit: FAN - Exhaust

**Asset: EF-1** AREA:RESTROOMS

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | GREENHECK | GREENHECK |
| **Model Num** | GB-098-6 | GB-098-6 |
| **Serial Num** | - | 27988452 |
| **Type** | DOWNBLAST | DOWNBLAST |
| **Configuration** | VERTICAL | VERTICAL |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.167 | 0.167 |
| **Motor Rpm** | - | 1725 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 120 | 115 |
| **Amperage (rated)** | - | 3.8 |
| **Service Factor** | - | 1.35 |

| Drive Data | |
|---|---|
| | **Actual** |
| **Motor Sheave Size** | 3” |
| **Motor Bore Size** | 0.75” |
| **Motor Sheave SetPt** | 4 TURNS OUT |
| **Fan Sheave Size** | 3.5” |
| **Fan Sheave Bore** | 1” |
| **Belt CL Distance** | 5” |
| **Num of Belts** | 1 |
| **Belt Size** | 3L-180 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 375 | 392 |
| **Fan RPM** | - | 1303 |
| **Fan Rotation** | - | CW |
| **Motor RPM** | - | 1748 |
| **RL Voltage** | - | 115 |
| **RL Amperage** | - | 2.7 |
| **Suction ESP** | - | -0.23” |
| **Discharge ESP** | - | ATM |
| **Total ESP** | 0.38" | 0.23” |

Completed By: Aaron Cosby on 03/03/2026

## Unit Data - PHOTO LOG

**03/04/2026**

# National TAB

**Project:03-02-26 WAWA #7419 SELLERSBURG, IN**

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-1/RESTROOMS**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| EGRD1 | MEN'S RR | EG-1 | 8X8 | 225 | 1 | 158 | 232 | 232 | 103.1 |
| EGRD2 | WOMEN'S RR | EG-1 | 8X8 | 150 | 1 | 168 | 160 | 160 | 106.7 |
| Total | | | | 375 | | 326 | 392 | 392 | 104.53% |

# National TAB

**Project: 03-02-26 WAWA #7419 SELLERSBURG, IN**

## System/Unit: FAN - Exhaust

**Asset: EF-2** AREA:BOH

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | GREENHECK | GREENHECK |
| **Model Num** | GB-098-6 | G-120-4-V6 |
| **Serial Num** | - | 28681356 |
| **Type** | DOWNBLAST | DOWNBLAST |
| **Configuration** | VERTICAL | VERTICAL |

| Motor Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **Horsepower** | 0.167 | 0.25 |
| **Motor Rpm** | - | 1750 |
| **Phase** | 1 | 1 |
| **Voltage (rated)** | 120 | 115 |
| **Amperage (rated)** | - | 2.85 |

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 1000 | 1039 |
| **RL Voltage** | - | 115 |
| **RL Amperage** | - | 2.1 |
| **Suction ESP** | - | -0.38” |
| **Discharge ESP** | - | ATM |
| **Total ESP** | - | 0.38” |

Completed By: Aaron Cosby on 03/03/2026

Notes:
Max speed(10) on potentiometer

Written By: Aaron Cosby on 03/03/2026

## Unit Data - PHOTO LOG

**03/04/2026**

**03/04/2026**

# National TAB

**Project:03-02-26 WAWA #7419 SELLERSBURG, IN**

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-2/BOH**

| Asset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Asset Name** | **Location** | **Type** | **Size** | **DESIGN CFM** | **AK** | **CFM(1)** | **CFM(2)** | **FINAL CFM** | **% to design** |
| EGRD1 | BOH | RG-2 | 8X8 | 200 | 1.19 | 188 | 188 | 188 | 94.0 |
| EGRD2 | BOH | RG-2 | 10X10 | 400 | 1.19 | 421 | 421 | 421 | 105.3 |
| EGRD3 | FOOD SERVICE | RG-2 | 10X10 | 400 | 1.19 | 430 | 430 | 430 | 107.5 |
| Total | | | | 1000 | | 1039 | 1039 | 1039 | 103.9% |

# National TAB

**Project: 03-02-26 WAWA #7419 SELLERSBURG, IN**

## System/Unit: FAN - Exhaust

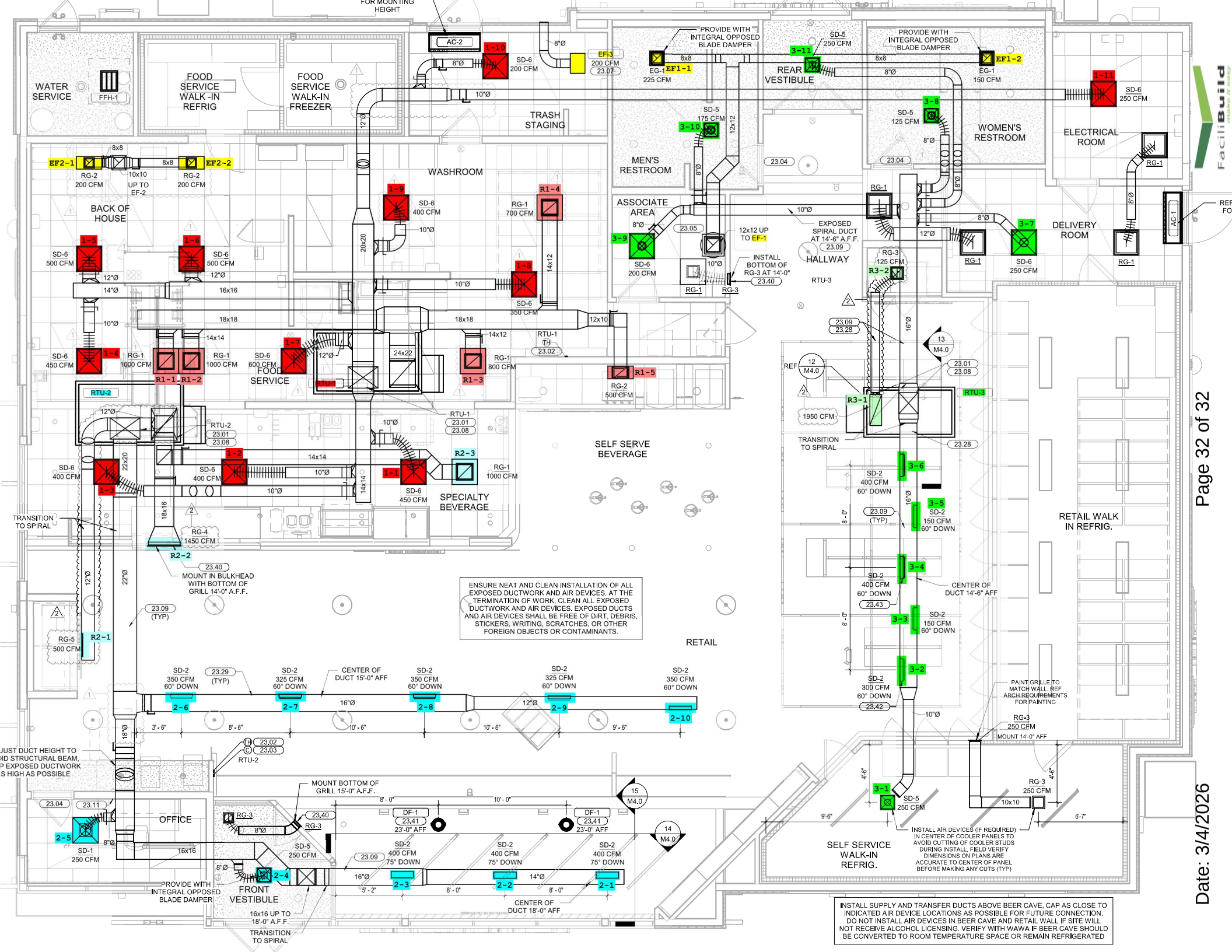
**Asset: EF-3** AREA:TRASH STAGING

| Unit Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **MFG** | GREENHECK | GREENHECK |
| **Model Num** | SP-B200 | SP-B200 |
| **Serial Num** | - | 182561453 |
| **Type** | CEILING | CEILING |
| **Configuration** | VERTICAL | VERTICAL |

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

| Test Data | | |
|---|---|---|
| | **Design** | **Actual** |
| **CFM** | 200 | 208 |
| **RL Voltage** | - | 115 |
| **RL Amperage** | - | 2.3 |
| **Total ESP** | 0.50" | NA |
| **Fan Inlet SP** | - | NA |
| **Fan Discharge SP** | - | ATM |

Completed By: Aaron Cosby on 03/02/2026


WATER SERVICE
FFH-1
FOOD SERVICE WALK -IN REFRIG
FOOD SERVICE WALK-IN FREEZER
TRASH STAGING
WASHROOM
BACK OF HOUSE
FOOD SERVICE
SELF SERVE BEVERAGE
SPECIALTY BEVERAGE
RETAIL
OFFICE
FRONT VESTIBULE
REAR VESTIBULE
MEN'S RESTROOM
WOMEN'S RESTROOM
ELECTRICAL ROOM
ASSOCIATE AREA
HALLWAY
DELIVERY ROOM
RETAIL WALK IN REFRIG.
SELF SERVICE WALK-IN REFRIG.
AC-2
EF-3
200 CFM
EF1-1
EF1-2
EF2-1
EF2-2
RTU-1
RTU-2
RTU-3
PROVIDE WITH INTEGRAL OPPOSED BLADE DAMPER
EXPOSED SPIRAL DUCT AT 14'-6" A.F.F.
INSTALL BOTTOM OF RG-3 AT 14'-0"
12x12 UP TO EF-1
TRANSITION TO SPIRAL
MOUNT IN BULKHEAD WITH BOTTOM OF GRILL 14'-0" A.F.F.
CENTER OF DUCT 14'-6" AFF
CENTER OF DUCT 15'-0" AFF
CENTER OF DUCT 18'-0" AFF
MOUNT BOTTOM OF GRILL 15'-0" A.F.F.
PAINT GRILLE TO MATCH WALL. REF ARCH REQUIREMENTS FOR PAINTING
MOUNT 14'-0" AFF
INSTALL AIR DEVICES (IF REQUIRED) IN CENTER OF COOLER PANELS TO AVOID CUTTING OF COOLER STUDS DURING INSTALL. FIELD VERIFY DIMENSIONS ON PLANS ARE ACCURATE TO CENTER OF PANEL BEFORE MAKING ANY CUTS (TYP)
ENSURE NEAT AND CLEAN INSTALLATION OF ALL EXPOSED DUCTWORK AND AIR DEVICES. AT THE TERMINATION OF WORK, CLEAN ALL EXPOSED DUCTWORK AND AIR DEVICES. EXPOSED DUCTS AND AIR DEVICES SHALL BE FREE OF DIRT, DEBRIS, STICKERS, WRITING, SCRATCHES, OR OTHER FOREIGN OBJECTS OR CONTAMINANTS.
INSTALL SUPPLY AND TRANSFER DUCTS ABOVE BEER CAVE, CAP AS CLOSE TO INDICATED AIR DEVICE LOCATIONS AS POSSIBLE FOR FUTURE CONNECTION. DO NOT INSTALL AIR DEVICES IN BEER CAVE AND RETAIL WALL IF SITE WILL NOT RECEIVE ALCOHOL LICENSING. VERIFY WITH WAWA IF BEER CAVE SHOULD BE CONVERTED TO ROOM TEMPERATURE SPACE OR REMAIN REFRIGERATED



Date: 3/4/2026