

**Report By:**

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**NATIONAL**

**TAB**

Comfort. Under control.

**Report: FINAL TAB REPORT**  
**Function: Test, Adjust, & Balance**  
**Date: 10/03/2022**

# PROJECT

## SWEETGREEN #NYM237 - GARDEN CITY, NY

191 7TH ST ST, B

GARDEN CITY, NY

### Client

DGC Capital Contracting Corp.  
506 South 9th Ave  
Mount Vernon, NY 10550

# National TAB

Project: SWEETGREEN #NYM237 - GARDEN CITY, NY

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## 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.

### Kitchen Exhaust Hood (Type II) & Associated Fans

Each kitchen exhaust fan was measured by traversing the ductwork or ductwork opening at the hood. The total flow of the exhaust fan was then adjusted to tolerance of the design flow. Any EF's 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 of  $-0.02''$  wc to  $+0.02''$  wc and that the pressure measurement coincides with the actual and design net airflow. Any deviations from these standards are noted throughout the report.



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## SWEETGREEN #NYM237 - GARDEN CITY, NY

### Project Issue Information

**Issue Name :** RTU-1

**Description :** RTU-1 SHOWS TO BE A YHC067 IN THE M-SHEETS. IT IS ACTUALLY A YHC092. UNIT IS SCHEDULED FOR 1600 CFM. GRILLES ADD TO 1300 CFM. GC DOES NOT HAVE SUBMITTALS DUE TO UNITS BEING EXISTING.

**Created By :** National TAB

**Assigned To :** National TAB - Will Turnbough

**Status :** Open

**Originated Date :** 09/28/2022 - Wesley John - National TAB

#### Project Issue File Details



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### 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         | DINING      | 2400        | 2588   | 1870        | 2030   | 530          | 558    | 22.1%  | 21.6%  |              |        |              |        |              |        |
| RTU-2         | KITCHEN     | 3000        | 3268   | 2510        | 2766   | 490          | 502    | 16.3%  | 15.4%  |              |        |              |        |              |        |
| KEF-1         | HOOD 1      |             |        |             |        |              |        |        |        |              |        | 725          | 749    |              |        |
| EF-1          | RESTROOM    |             |        |             |        |              |        |        |        |              |        |              |        | 75           | 77     |
| EF-2          | RESTROOM    |             |        |             |        |              |        |        |        |              |        |              |        | 75           | 71     |
| <b>TOTALS</b> |             | 5400        | 5856   | 4380        | 4796   | 1020         | 1060   |        |        | 0            | 0      | 725          | 749    | 150          | 148    |

#### NET BUILDING AIRFLOW CALCULATION

| TOTALS             | DESIGN     | ACTUAL     |
|--------------------|------------|------------|
| TOTAL OA           | 1020       | 1060       |
| TOTAL EXHAUST      | 875        | 897        |
| <b>NET AIRFLOW</b> | <b>145</b> | <b>163</b> |

| DOOR TESTED    | BUILDING PRESSURE MEASUREMENTS (IN. H2O) |
|----------------|--|
| FRONT          | 0.001                                    |
| SIDE           | -  |
| REAR           | 0.001                                    |
| <b>AVERAGE</b> | <b>0.001</b>                             |

#### FINAL CHECKS

- ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✓

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- MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓

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

#### NOTES:

DESIGN FOR RESTROOM FANS NOT GIVEN



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## SWEETGREEN #NYM237 - GARDEN CITY, NY

### CheckList Information

**Name :** TECH - SITE PICTURES **Status :** Submitted  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB

### CheckList Item Details

#### STORE FRONT



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#### RTU-1



Image\_2022\_09\_29T0856...

RTU-2



Image\_2022\_09\_29T0856...

KEF-1



Image\_2022\_09\_29T0856...

HOOD-1



Image\_2022\_09\_29T0856...

Notes/Comments :



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## SWEETGREEN #NYM237 - GARDEN CITY, NY

### CheckList Information

**Name :** TECH - STEP 1: INITIAL WALKTHROUGH **Status :** Submitted

**Assigned Organization :** National TAB **Asset :**

**Requesting Organization :** National TAB

### CheckList Item Details

#### INITIAL SITE WALKTHROUGH

|   |  |
|---|--|
| Review Plan Review Checklist, has it been signed off and meets our standards to start balancing? If not contact processor to ensure job is ready. | GRILLES DELAYED IN SHIPPING. WILL OKAYED STARTING WORK WITHOUT BALANCING INDIVIDUAL GRILLES. |
| All diffusers and grilles are installed and match design?   | NO   |
| All hood filters installed and accounted for?   | N/A  |
| Hoods are wired and have power?   | YES  |
| Hood is free of alarms?   | YES  |
| Thermostats have power?   | YES  |
| Have trades/general contractor been notified about any issues and are they created on FaciliBuild?  | YES  |

#### Notes/Comments :



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## SWEETGREEN #NYM237 - GARDEN CITY, NY

### CheckList Information

**Name :** TECH - STEP 2: UNIT DATA AND EVAL **Status :** Submitted

**Assigned Organization :** National TAB **Asset :**

**Requesting Organization :** National TAB

### CheckList Item Details

#### UNIT DATA AND EVALUATION WHILE GATHERING UNIT DATA CHECK THE FOLLOWING:

##### RTU's/AHU's

|  |  |
|--|--|
| Economizers are assembled and functional?                              | YES  |
| DCV Max damper opening position is set to minimum?                     | YES  |
| Free cooling enthalpy set point set for lowest setting (Typically "D") | YES  |
| Motors are all operating below the FLA rating?                         | YES  |
| Are belts tight?   | N/A  |
| If direct drive unit is the speed controller working.                  | YES  |
| Is gas piping installed and valves turned on?                          | GAS PIPING IS INSTALLED BUT VALVES ARE KEPT OFF DUE TO GAS NOT YET BEING TURNED ON TO SWEETGREEN SPACE.  |
| Unit free of noticeable noise and vibrat                               | YES  |
| Issue  | CURRENT EVAPORATOR COIL FILTERS ARE WRONG SIZE AND ARE NOT ADEQUATELY COVERING COIL. RTUS CURRENTLY HAVE (5) 20x25x2 FILTERS. CORRECT SIZES ARE (3) 20x25x2 AND (3) 20x20x2 FILTERS. |



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Issue

RTU-1 OUTSIDE AIR FILTER IS CORRODING.



Image\_2022\_09\_29T0915...

Issue

BOTH RTU CONDENSER COILS ARE DIRTY.



Image\_2022\_09\_29T0914...

EF's

Rotation is correct?

YES

|   |  |
|---|--|
| Belts are tight?  | N/A  |
| Grease cup installed on hood fan?   | N/A HOOD FAN SERVES TYPE II HOOD.                  |
| Hinge kit installed installed on hood fan?  | NO. UNABLE TO TAKE STATIC PRESSURE READING AT FAN. |
| Lean fan back. Is grease duct installation adequate and is duct ran all the way to the base of the fan? | N/A  |
| Flex conduit is long enough so that fan can be completely tilted back?                                  | N/A  |
| There is no major leakage around base of fan?   | YES  |
| Is the motor operating below the motor FLA rating?  | YES  |
| For restroom fan(s) is the back draft damper installed and can it fully open?                           | YES  |
| Unit free of noticeable noise and vibration?  | YES  |

### HOODS

|  |  |
|--|--|
| Kitchen equipment installed in proper places?            | YES  |
| Can kitchen equipment be turned on for final smoke test? | NO. ELECTRICAL CORD TO OVEN IS NOT YET INSTALLED |



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### DOCUMENTATION

|  |     |
|--|-----|
| Have trades/general contractor been notified about any issues and are they created on FaciliBuild? | YES |
|--|-----|

### AIR PURIFICATION INSPECTION

|   |   |
|---|---|
| PHI Air purifiers are installed?                                    | PHI UNITS ARE PRESENT BUT NOT YET INSTALLED BY MECHANICAL CONTRACTOR. |
| Are they installed after the evaporator coil or in the supply duct? | N/A   |

|  |     |
|--|-----|
| Are they powered?  | N/A |
| If PKG installed inside of the blower compartment, is the wiring exposed to UV light protected with split loom or conduit? | N/A |
| If Reme Halo, is it installed so that the air flow arrow is pointing correct direction?                                    | N/A |
| Is a UV warning sticker installed?   | N/A |
| Take picture of each air purifier and include in the report  | N/A |

**Notes/Comments :**

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### SWEETGREEN #NYM237 - GARDEN CITY, NY

#### CheckList Information

|                                  |   |                 |           |
|----------------------------------|---|-----------------|-----------|
| <b>Name :</b>                    | TECH - STEP 3: TEST, ADJUST AND BALANCE | <b>Status :</b> | Submitted |
| <b>Assigned Organization :</b>   | National TAB                            | <b>Asset :</b>  |           |
| <b>Requesting Organization :</b> | National TAB                            |                 |           |

#### CheckList Item Details

**TEST, ADJUST, AND BALANCE ALL EQUIPMENT:**

**DURING TESTING MAKE NOTE OF THE FOLLOWING:**

Is space free of drafting? YES

Is space comfortable in all areas? YES

Is the space free of ventilation noise? YES

If deviations from design were necessary to resolve 1-3 what were they? Otherwise put "NA".

**Notes/Comments :**



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### SWEETGREEN #NYM237 - GARDEN CITY, NY

#### CheckList Information

|                                  |                            |                 |           |
|----------------------------------|----------------------------|-----------------|-----------|
| <b>Name :</b>                    | TECH - STEP 4: FINAL TESTS | <b>Status :</b> | Submitted |
| <b>Assigned Organization :</b>   | National TAB               | <b>Asset :</b>  |           |
| <b>Requesting Organization :</b> | National TAB               |                 |           |

#### CheckList Item Details

##### FINAL TESTS

##### HOOD CAPTURE TEST

|   |                           |
|---|---------------------------|
| List equipment turned on for testing        | NONE                      |
| List smoke candle type used                 | 45 SECOND SMOKE CARTRIDGE |
| Smoke test capture - Perimeter of hood      | 100%                      |
| Smoke test capture - Top of cooking surface | 100%                      |

##### WITNESS

|  |                            |
|--|----------------------------|
| Date test was completed                                  | 9/29/2022                  |
| TAB tech name / Firm                                     | WESLEY JOHN / NATIONAL TAB |
| Site super name / Firm                                   | DANIEL AHERN / DGC CAPITAL |
| Owner representative name / Firm (if Applicable)         | N/A                        |
| Building pressure at front & back doors (All Systems On) | FRONT 0.001" / BACK 0.001" |

##### ADDITIONAL

|   |     |
|---|-----|
| Do actual net building airflow, design net building airflow, and pressure coincide? If not why? (All three should either be positive or negative) | YES |
| Thermostats are programmed?   | YES |

##### Notes/Comments :





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## SWEETGREEN #NYM237 - GARDEN CITY, NY

### CheckList Information


**Name :** TECH - STEP 4B: HOOD AND OVEN EVALUATION **Status :** Submitted

**Assigned Organization :** National TAB **Asset :**

**Requesting Organization :** National TAB

### CheckList Item Details

#### HOOD AND OVEN EVALUATION

|  |   |
|--|---|
| Is the oven covered by a hood?   | YES   |
| What is the hood overhang over the front of the hood?  | 21 1/2"   |
| What is hood overhang over the left and right sides of the oven?   | LEFT 16 1/2" RIGHT 6" UNABLE TO COMPLETELY CENTER OVEN UNDER FAN DUE TO DRAIN BEHIND OVEN. OVEN IS MOVED AS FAR LEFT AS POSSIBLE. |
|                           |   |
| Image_2022_09_29T0943...   |   |
| If vertical end panels are specified, are they installed?  | NOT SPECIFIED   |
| SMOKE TEST AT HOOD   | 100%  |
| If oven is capable of turning on, it is required to be turned on for smoke test. Was oven on for smoke test? | NOT CAPABLE OF TURNING ON. ELECTRICAL CORDS NOT YET INSTALLED.  |



Image\_2022\_09\_29T0924...

|  |   |
|--|---|
| Smoke test the oven at the flue on the top of the hood - Capture %?  | 100%  |
| Smoke test the oven at perimeter of the oven - capture %?  | 100%  |
| Smoke test the oven at the perimeter of the hood - capture %?  | 100%  |
| <b>IF NO HOOD IS INSTALLED ABOVE THE OVEN</b>  |   |
| If no hood is installed above the oven, and it is only a grille, smoke test at the top of the oven at the flue and note the capture %. If smoke capture is very poor, hold the candle up by the grille after a few seconds so that the smoke alarms don't get set off. | N/A   |
| <b>SMOKE TEST AT OVEN</b>  |   |
| Confirm that the internal fan turns on as you open the oven door?  | OVEN IS NOT CAPABLE OF TURNING ON AT TIME OF BALANCE.         |
| Smoke test at the oven doors as you are opening the door - capture %?  | N/A   |
| Smoke test at the oven doors when the doors are shut - capture %?  | N/A   |
| <b>EXHAUST DISCHARGE AND OA INTAKES</b>  |   |
| Identify where the exhaust air is discharged and take pictures   | EXHAUST AIR IS DISCHARGED THROUGH EF-1 UPBLAST CONFIGURATION. |



Image\_2022\_09\_29T0943...

Are there any outside air intakes nearby that would be able to re-entrain the exhaust smoke? Take pictures

ALL NEARBY DUCTS ARE EXHAUST



Image\_2022\_09\_29T0943...

Are there any building entrances or windows near the exhaust discharge where smoke that will cause smoke to enter unwanted spaces?

NO. EXHAUST FANS AND OUTLETS ARE SEPARATED FROM RTUS BY WALL ON ROOF.



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Notes/Comments :

# National TAB

Project: SWEETGREEN #NYM237 - GARDEN CITY, NY

System/Unit: AHU/RTU



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Asset: RTU1

AREA:DINING

| Unit Data           |             |                |
|---------------------|-------------|----------------|
|                     | Design      | Actual         |
| MFG                 | TRANE       | TRANE          |
| Serial Num          | -           | 111210208L     |
| Model Num           | YHC067E4RYA | YHC092E3RHA0BC |
| Type                | RTU         | RTU            |
| Configuration       | VERTICAL    | VERTICAL       |
| Num OA Filters 1    | -           | 1              |
| OA Filter Size 1    | -           | 16X36          |
| Num Final Filter 1  | -           | 3              |
| Final Filter Size 1 | -           | 20X25X2        |
| Num Final Filter 2  | -           | 3              |
| Final Filter Size 2 | -           | 20X20X2        |

| Motor Data     |        |           |
|----------------|--------|-----------|
|                | Design | Actual    |
| Motor MFG      | -      | EBM PAPST |
| Frame          | -      | NL        |
| Horsepower     | 1      | 2800 W    |
| Motor Rpm      | -      | 1700      |
| Phase          | 3      | 3         |
| Rated Voltage  | 208    | 200       |
| Rated Amperage | -      | 8.5       |

| Drive Data         |        |              |
|--------------------|--------|--------------|
|                    | Design | Actual       |
| Motor Sheave Size  | -      | DIRECT DRIVE |
| Motor Bore Size    | -      | DIRECT DRIVE |
| Motor Sheave SetPt | -      | DIRECT DRIVE |
| Fan Sheave Size    | -      | DIRECT DRIVE |
| Fan Sheave Bore    | -      | DIRECT DRIVE |
| Belt CL Distance   | -      | DIRECT DRIVE |
| Num of Belts       | -      | DIRECT DRIVE |
| Belt Size          | -      | DIRECT DRIVE |
| Belt Alignment     | -      | DIRECT DRIVE |

| Test Data              |        |              |
|------------------------|--------|--------------|
|                        | Design | Actual       |
| SF CFM                 | 2400   | 2588         |
| SF RPM                 | -      | DIRECT DRIVE |
| RA CFM                 | 1870   | 2030         |
| OA CFM                 | 530    | 558          |
| RL Voltage             | -      | 220/220/2200 |
| RL Amperage            | -      | 1.9/1.6/1.8  |
| SF Rotation            | -      | CCW          |
| RA Damper Position     | -      | OPEN         |
| Min OA Damper Position | -      | CLOSED       |

| Performance Data |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| MA Plenum SP     | -      | -0.48" |
| Fan Suction SP   | -      | -0.50" |
| Fan Discharge SP | -      | 0.52"  |
| Total ESP        | 0.50"  | 1.00"  |
| Fan Total SP     | -      | 1.02"  |

| General                    |        |        |
|----------------------------|--------|--------|
|                            | Design | Actual |
| Fan Rotation Correct       | -      | YES    |
| Unit Filters Clean         | -      | YES    |
| Condensate Drain Installed | -      | YES    |

Completed By: Wesley John

Notes:

# National TAB

Project: SWEETGREEN #NYM237 - GARDEN CITY, NY

## System/Unit: AHU/RTU



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Asset: RTU2

AREA:KITCHEN

| Unit Data           |             |                |
|---------------------|-------------|----------------|
|                     | Design      | Actual         |
| MFG                 | TRANE       | TRANE          |
| Serial Num          | -           | 111210208L     |
| Model Num           | YHC092F3RMA | YHC092E3RHA0BC |
| Type                | RTU         | RTU            |
| Configuration       | VERTICAL    | VERTICAL       |
| Num OA Filters 1    | -           | 1              |
| OA Filter Size 1    | -           | 16X36          |
| Num Final Filter 1  | -           | 3              |
| Final Filter Size 1 | -           | 20X25X2        |
| Num Final Filter 2  | -           | 3              |
| Final Filter Size 2 | -           | 20X20X2        |

| Motor Data     |        |           |
|----------------|--------|-----------|
|                | Design | Actual    |
| Motor MFG      | -      | EBM PAPST |
| Frame          | -      | NL        |
| Horsepower     | 2.75   | 2800 W    |
| Motor Rpm      | -      | 1700      |
| Phase          | 3      | 3         |
| Rated Voltage  | 208    | 200       |
| Rated Amperage | -      | 8.5       |

| Drive Data         |        |              |
|--------------------|--------|--------------|
|                    | Design | Actual       |
| Motor Sheave Size  | -      | DIRECT DRIVE |
| Motor Bore Size    | -      | DIRECT DRIVE |
| Motor Sheave SetPt | -      | DIRECT DRIVE |
| Fan Sheave Size    | -      | DIRECT DRIVE |
| Fan Sheave Bore    | -      | DIRECT DRIVE |
| Belt CL Distance   | -      | DIRECT DRIVE |
| Num of Belts       | -      | DIRECT DRIVE |
| Belt Size          | -      | DIRECT DRIVE |
| Belt Alignment     | -      | DIRECT DRIVE |

| Test Data              |        |              |
|------------------------|--------|--------------|
|                        | Design | Actual       |
| SF CFM                 | 3000   | 3268         |
| SF RPM                 | -      | DIRECT DRIVE |
| RA CFM                 | 2510   | 2766         |
| OA CFM                 | 490    | 502          |
| RL Voltage             | -      | 219/220/220  |
| RL Amperage            | -      | 4.5/4.5/4.3  |
| SF Rotation            | -      | CCW          |
| RA Damper Position     | -      | 16 1/2"      |
| Min OA Damper Position | -      | 1/2"         |

| Performance Data |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| MA Plenum SP     | -      | -0.58" |
| Fan Suction SP   | -      | -0.74" |
| Fan Discharge SP | -      | 0.64"  |
| Total ESP        | 0.50"  | 1.22"  |
| Fan Total SP     | -      | 1.38"  |

| General                    |        |        |
|----------------------------|--------|--------|
|                            | Design | Actual |
| Fan Rotation Correct       | -      | YES    |
| Unit Filters Clean         | -      | YES    |
| Condensate Drain Installed | -      | YES    |

Completed By: Wesley John

Notes:

# National TAB

Project: SWEETGREEN #NYM237 - GARDEN CITY, NY

System/Unit: FAN - Exhaust



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Asset: EF1

AREA:RESTROOM

| Unit Data     |             |             |
|---------------|-------------|-------------|
|               | Design      | Actual      |
| MFG           | NA          | NL          |
| Model Num     | NA          | BPT13-14MG  |
| Serial Num    | -           | 175630      |
| Type          | CENTRIFUGAL | CENTRIFUGAL |
| Configuration | CEILING     | CELING      |

| Test Data    |        |              |
|--------------|--------|--------------|
|              | Design | Actual       |
| CFM          | 75     | 77           |
| Fan RPM      | -      | DIRECT DRIVE |
| Fan Rotation | -      | CW           |
| Motor RPM    | -      | DIRECT DRIVE |
| RL Voltage   | -      | 124          |
| RL Amperage  | -      | 0.14         |

| Motor Data       |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| Motor MFG        | -      | NL     |
| Frame            | -      | NL     |
| Horsepower       | -      | NL     |
| Motor Rpm        | -      | NL     |
| Phase            | -      | 1      |
| Voltage (rated)  | -      | 120    |
| Amperage (rated) | -      | 0.18   |
| Service Factor   | -      | NL     |

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Project: SWEETGREEN #NYM237 - GARDEN CITY, NY

## System/Unit: FAN - Exhaust



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Asset: EF2

AREA:

| Unit Data     |             |             |
|---------------|-------------|-------------|
|               | Design      | Actual      |
| MFG           | NA          | NL          |
| Model Num     | NA          | BPT13-14MG  |
| Serial Num    | -           | 175630      |
| Type          | CENTRIFUGAL | CENTRIFUGAL |
| Configuration | CEILING     | CEILING     |

| Test Data    |        |              |
|--------------|--------|--------------|
|              | Design | Actual       |
| CFM          | 75     | 71           |
| Fan RPM      | -      | DIRECT DRIVE |
| Fan Rotation | -      | CW           |
| Motor RPM    | -      | DIRECT DRIVE |
| RL Voltage   | -      | 124          |
| RL Amperage  | -      | 0.13         |

| Motor Data       |        |        |
|------------------|--------|--------|
|                  | Design | Actual |
| Motor MFG        | -      | NL     |
| Frame            | -      | NL     |
| Horsepower       | -      | NL     |
| Motor Rpm        | -      | NL     |
| Phase            | -      | 1      |
| Voltage (rated)  | -      | 120    |
| Amperage (rated) | -      | 0.14   |
| Service Factor   | -      | NL     |

Completed By: Wesley John

Notes:

# National TAB

Project: SWEETGREEN #NYM237 - GARDEN CITY, NY

## System/Unit: FAN - Exhaust



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Asset: KEF1

AREA:HOOD 1

| Unit Data            |             |              |
|----------------------|-------------|--------------|
|                      | Design      | Actual       |
| <b>MFG</b>           | CAPTIVEAIRE | CAPTIVE-AIRE |
| <b>Model Num</b>     | DU50HFA     | DU50HFA      |
| <b>Serial Num</b>    | -           | 5497074      |
| <b>Type</b>          | UPBLAST     | CENTRIFUGAL  |
| <b>Configuration</b> | VERTICAL    | UPBLAST      |

| Motor Data              |        |        |
|-------------------------|--------|--------|
|                         | Design | Actual |
| <b>Motor MFG</b>        | -      | HSSA   |
| <b>Frame</b>            | -      | NL     |
| <b>Horsepower</b>       | 0.50   | 0.50   |
| <b>Motor Rpm</b>        | -      | 1725   |
| <b>Phase</b>            | 3      | 3      |
| <b>Voltage (rated)</b>  | 208    | 208    |
| <b>Amperage (rated)</b> | -      | 2.0    |
| <b>Service Factor</b>   | -      | 1.25   |

| Test Data               |        |         |
|-------------------------|--------|---------|
|                         | Design | Actual  |
| <b>CFM</b>              | 725    | 749     |
| <b>Fan RPM</b>          | 1419   | 1092    |
| <b>Fan Rotation</b>     | -      | CCW     |
| <b>Motor RPM</b>        | -      | 1092    |
| <b>System SetPt</b>     | -      | 38.0 Hz |
| <b>RL Voltage</b>       | -      | 90      |
| <b>RL Amperage</b>      | -      | 1.3     |
| <b>Total ESP</b>        | 1.0"   | NA      |
| <b>Fan Inlet SP</b>     | -      | NA      |
| <b>Fan Discharge SP</b> | -      | ATM     |

Completed By: Wesley John

Notes:

# National TAB

Project: SWEETGREEN #NYM237 - GARDEN CITY, NY

System/Unit: Kitchen Hood Type II



Comfort. Under control.

Asset: HD(Type2)1

AREA:

| Unit Data          |                       |                |
|--------------------|-----------------------|----------------|
|                    | Design                | Actual         |
| <b>MFG</b>         | CAPTIVEAIRE           | CAPTIVE-AIRE   |
| <b>Model Num</b>   | 6024 VHB              | 6024 VHB       |
| <b>Serial Num</b>  | -                     | 5497074        |
| <b>Type</b>        | TYPE II LOW PROXIMITY | TYPE II CANOPY |
| <b>Hood length</b> | 56"                   | 56"            |
| <b>Hood Width</b>  | 60"                   | 60"            |

| Test Data          |        |        |
|--------------------|--------|--------|
|                    | Design | Actual |
| <b>Exhaust CFM</b> | 725    | 749    |

Completed By: Wesley John

Notes:

