

Report By:

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SUITE 4210  
CINCINNATI, OH 45246

**NATIONAL**

**TAB**

Comfort. Under control.

**Report: FINAL TAB REPORT**  
**Function: Test, Adjust, & Balance**  
**Date: 11/04/2022**

**PROJECT**  
**10-31 SWEETGREEN - SCHAUMBURG, IL**

1320N. MEACHAM RD

SCHAUMBURG, IL

Client

CORE BUILT CONTRACTING  
2200 GREY AVE  
EVANSTON, IL 60201

# National TAB

Project: 10-31 SWEETGREEN - SCHAUMBURG, IL

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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.

### 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.

The hood capture was tested at the perimeter of the hood and the cook top level with the equipment heat on to ensure satisfactory hood capture and containment.



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## 10-31 SWEETGREEN - SCHAUMBURG, IL

### Project Issue Information

**Issue Name :** EF-1  
**Description :** EF-1 IS NOT RUNNING. SHOWN ON DRAWINGS AS SERVING A HOOD BUT SERVES GRILLE ABOVE THE OVEN.  
**Created By :** National TAB **Assigned To :** National TAB - Will Turnbough  
**Status :** Open  
**Originated Date :** 10/31/2022 - Zack Eismin - National TAB

#### Project Issue File Details



20221031\_143531.jpeg

#### Project Issue Response Details

- **11/08/2022 National TAB - Will Turnbough**
  - PER GC THE FAN GRINDING HAS BEEN RESOLVED AND THE FAN WAS SET TO MAXIMUM SPEED. AIRFLOW WAS NOT REMEASURED BUT BASED ON A FAN LAW CALCULATION THE AIRFLOW IS 875 CFM (86% OF DESIGN)
- **11/03/2022 National TAB - Zack Eismin**
  - FAN WAS POWERED ON. UNIT HAS A SPEED DIAL INSTALLED BUT CANNOT REACH DESIGN BECAUSE EXHAUST FAN MAKES A LOUD GRINDING NOISE WHEN SET ABOVE 6 ON SPEED DIAL. AIRFLOW IS 525 CFM OUT OF 1020 CFM.

### 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	KITCHEN	3200	2837	2700	2375	500	462	15.6%	16.3%						
RTU-2	DINING	3145	3075	2675	2648	470	427	14.9%	13.9%						
RTU-3	DINING	1755	1999	1355	1627	400	372	22.8%	18.6%						
EF-1	HOOD1											1020	525		
EF-2	RESTROOMS													150	163
EF	OFFICE													100	0
<b>TOTALS</b>		8100	7911	6730	6650	1370	1261			0	0	1020	525	250	163

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	1370	1261
TOTAL EXHAUST	1270	688
<b>NET AIRFLOW</b>	100	573

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.0182
SIDE	0.0092
REAR	-
<b>AVERAGE</b>	<b>0.0137</b>

#### 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:



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## 10-31 SWEETGREEN - SCHAUMBURG, IL

### CheckList Information

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

### CheckList Item Details

RTU-1



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RTU-2



20221031\_143516.jpg

RTU-3



20221031\_143519.jpg

EF-1



20221031\_143531.jpg

EF-2



20221031\_150857.jpg

EF

N/A

HOOD-1

N/A

**Notes/Comments :**



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### 10-31 SWEETGREEN - SCHAUMBURG, IL

#### CheckList Information

**Name :** TECH - STEP 1: INITIAL WALKTHROUGH **Status :** NotSubmitted  
**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.	YES
All diffusers and grilles are installed and match design?	NO,DIFFUSER 1 AND 2 FOR RTU1 WERE CONVERTED INTO 1 DIFFUSERS WITH 200 CFM TOTAL AND ARE NOW TAPPED OFF OF RTU-3
All hood filters installed and accounted for?	N/A
Hoods are wired and have power?	N/A
Hood is free of alarms?	N/A
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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### 10-31 SWEETGREEN - SCHAUMBURG, IL

#### CheckList Information

**Name :** TECH - STEP 2: UNIT DATA AND EVAL **Status :** NotSubmitted  
**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?	YES
If direct drive unit is the speed controller working.	N/A
Is gas piping installed and valves turned on?	YES
Unit free of noticeable noise and vibrat	YES

##### EF's

Rotation is correct?	YES
Belts are tight?	N/A
Grease cup installed on hood fan?	N/A
Hinge kit installed installed on hood fan?	N/A
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?	YES
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
<b>MUA</b>	
Rotation is correct?	N/A
Gas piping is installed and valves are in on position?	N/A
Heater tested and is functional?	N/A
Internal motorized damper is fully opening?	N/A
Motor is operating below the FLA rating?	N/A
Unit free of noticeable noise and vibration?	N/A
<b>HOODS</b>	
Kitchen equipment installed in proper places?	N/A
Can kitchen equipment be turned on for final smoke test?	N/A
<b>DOCUMENTATION</b>	
Have trades/general contractor been notified about any issues and are they created on FaciliBuild?	YES
<b>AIR PURIFICATION INSPECTION</b>	
PHI Air purifiers are installed?	N/A
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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### 10-31 SWEETGREEN - SCHAUMBURG, IL

#### CheckList Information

**Name :** TECH - STEP 3: TEST, ADJUST AND BALANCE **Status :** NotSubmitted

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

**Requesting Organization :** 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".	N/A

**Notes/Comments :**



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### 10-31 SWEETGREEN - SCHAUMBURG, IL

#### CheckList Information

<b>Name :</b>	TECH - STEP 4: FINAL TESTS	<b>Status :</b>	NotSubmitted
<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	OVEN
List smoke candle type used	45 SECONDS
Smoke test capture - Perimeter of hood	75%
Smoke test capture - Top of cooking surface	100%

##### WITNESS

Date test was completed	11/03/2022
TAB tech name / Firm	ZACK /NATIONAL TAB
Site super name / Firm	FERMIN
Owner representative name / Firm (if Applicable)	N/A
Building pressure at front & back doors (All Systems On)	0.0137"

##### 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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## 10-31 SWEETGREEN - SCHAUMBURG, IL

### CheckList Information

<b>Name :</b>	TECH - STEP 4B: HOOD AND OVEN EVALUATION	<b>Status :</b>	NotSubmitted
<b>Assigned Organization :</b>	National TAB	<b>Asset :</b>	
<b>Requesting Organization :</b>	National TAB		

### CheckList Item Details

#### HOOD AND OVEN EVALUATION

Is the oven covered by a hood?	NO
What is the hood overhang over the front of the hood?	N/A
What is hood overhang over the left and right sides of the oven?	N/A
If vertical end panels are specified, are they installed?	N/A
<b>SMOKE TEST AT HOOD</b>	
If oven is capable of turning on, it is required to be turned on for smoke test. Was oven on for smoke test?	N/A
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 %?	75%
Smoke test the oven at the perimeter of the hood - capture %?	N/A

#### IF NO HOOD IS INSTALLED ABOVE THE OVEN

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.

#### SMOKE TEST AT OVEN

Confirm that the internal fan turns on as you open the oven door?	YES
---	-----

Smoke test at the oven doors as you are opening the door - capture %? 75%

Smoke test at the oven doors when the doors are shut - capture %? 100%

**EXHAUST DISCHARGE AND OA INTAKES**

Identify where the exhaust air is discharged and take pictures



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Are there any outside air intakes nearby that would be able to re-entrain the exhaust smoke? Take pictures NO

Are there any building entrances or windows near the exhaust discharge where smoke that will cause smoke to enter unwanted spaces? NO

**Notes/Comments :**

# National TAB

Project: 10-31 SWEETGREEN - SCHAUMBURG, IL

System/Unit: AHU/RTU



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Asset: RTU1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	3517P80921
Model Num	48HCDE09	48HCDE09J2M5A0F1F0
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	35X19
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56HZ
Horsepower	-	NL
Motor Rpm	-	1725
Phase	3	3
Rated Voltage	208	208/230
Rated Amperage	-	6.9/6.7

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VL44
Motor Bore Size	-	5/8"
Motor Sheave SetPt	-	1 TURNS OPEN
Fan Sheave Size	-	AFD74
Fan Sheave Bore	-	1"
Belt CL Distance	-	16"
Num of Belts	-	1
Belt Size	-	A48
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	3000	2837
SF RPM	-	914
RA CFM	2500	2375
OA CFM	500	462
RL Voltage	-	209/210/210
RL Amperage	-	5.6/6.1/5.54
SF Rotation	-	CCW
RA Damper Position	-	80%
Min OA Damper Position	-	20%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	MINIMUM

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.91"
Fan Suction SP	-	-1.26"
Fan Discharge SP	-	0.35"
Total ESP	0.8"	1.26"
Fan Total SP	-	1.61"

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

Completed By: Zack Eismín

Notes:

# National TAB

Project:10-31 SWEETGREEN - SCHAUMBURG, IL

## AHU/RTU



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### Diffuser Supply (GRD)

#### RTU1/KITCHEN

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD3	OLO SERVE LINE	CD2	10"	250	1	263	232	232	92.8
SGRD4	OLO SERVE LINE	CD2	10"	250	1	263	239	239	95.6
SGRD5	SERVELINE	CD2	10"	250	1	257	242	242	96.8
SGRD6	SERVELINE	CD2	10"	250	1	231	235	235	94.0
SGRD7	SERVELINE	CD2	10"	250	1	189	241	241	96.4
SGRD8	WAREWASH	CD1	12"	450	1	224	411	411	91.3
SGRD9	COLE PREP	CD1	12"	450	1	515	423	423	94.0
SGRD10	BOH KITCHEN	CD1	12"	450	1	305	417	417	92.7
SGRD11	BOH KITCHEN	CD1	8"	100	1	200	87	87	87.0
SGRD12	OFFICE	CD1	10"	300	1	133	310	310	103.3

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Project: 10-31 SWEETGREEN - SCHAUMBURG, IL

## System/Unit: AHU/RTU



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Asset: RTU2

AREA:DINING

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	3517P80922
Model Num	48HCDE09	48HCDE09J2M5A0F1F0
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	35X19
Num Final Filter 1	-	4
Final Filter Size 1	-	20X20X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56HZ
Horsepower	-	NL
Motor Rpm	-	1725
Phase	3	3
Rated Voltage	208	208/230
Rated Amperage	-	6.9/6.7

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VL44
Motor Bore Size	-	5/8"
Motor Sheave SetPt	-	3 TURN OPEN
Fan Sheave Size	-	AFD74
Fan Sheave Bore	-	1"
Belt CL Distance	-	16"
Num of Belts	-	1
Belt Size	-	A48
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	3145	3075
SF RPM	-	863
RA CFM	2675	2648
OA CFM	470	427
RL Voltage	-	209/210/210
RL Amperage	-	5.10/5.7/4.9
SF Rotation	-	CCW
RA Damper Position	-	80%
Min OA Damper Position	-	20%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	MINIMUM

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.62"
Fan Suction SP	-	-1.09"
Fan Discharge SP	-	0.71"
Total ESP	0.8"	1.33"
Fan Total SP	-	1.80"

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

Completed By: Zack Eismin

Notes:

# National TAB

Project: 10-31 SWEETGREEN - SCHAUMBURG, IL

## AHU/RTU



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### Diffuser Supply (GRD)

#### RTU2/DINING

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DINING	SR1	14/10	390	1	405	384	384	98.5
SGRD2	DINING	SR1	14/10	390	1	328	375	375	96.2
SGRD3	DINING	SR1	14/10	390	1	402	393	393	100.8
SGRD4	DINING	SR1	14/10	390	1	403	387	387	99.2
SGRD5	DINING	SR1	14/10	390	1	322	371	371	95.1
SGRD6	DINING	SR1	14/10	395	1	376	381	381	96.5
SGRD7	DINING	SR1	14/10	400	1	360	365	365	91.3
SGRD8	DINING	SR1	14/10	400	1	387	366	366	91.5
SGRD9	WOMENS RR	SR1	6/6	50	1	117	53	53	106.0

Completed By: Brianna Biggs on

Asset	Notes
SGRD8	MOTOR SHEAVE MAXIMIZED. UNABLE TO INCREASE AIRFLOW FURTHER. DIFFUSER IS SLIGHTLY OUT OF TOLERANCE BUT NOT ANTICIPATED TO CAUSE AN ISSUE.

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Project: 10-31 SWEETGREEN - SCHAUMBURG, IL

## System/Unit: AHU/RTU



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Asset: RTU3

AREA:DINING

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	3317C89298
Model Num	48HCFB06	48HCFB06J2M5A0F1F0
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	28X14
Num Final Filter 1	-	4
Final Filter Size 1	-	16X16X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56HZ
Horsepower	-	NL
Motor Rpm	-	1725
Phase	3	3
Rated Voltage	208	208/230
Rated Amperage	-	8.8/8.6

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VP40
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	5 TURN OPEN
Fan Sheave Size	-	AFD44
Fan Sheave Bore	-	5/8"
Belt CL Distance	-	14"
Num of Belts	-	1
Belt Size	-	A38
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	1755	1999
SF RPM	-	1010
RA CFM	1355	1627
OA CFM	400	372
RL Voltage	-	210/210/211
RL Amperage	-	4.45/4.4/4.13
SF Rotation	-	CCW
RA Damper Position	-	80%
Min OA Damper Position	-	20%
Min OA Damper Type	-	MOTORIZED
OA Enthalpy Setpt	-	MINIMUM

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.43"
Fan Suction SP	-	-0.70"
Fan Discharge SP	-	0.11"
Total ESP	0.8"	0.54"
Fan Total SP	-	0.81"

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

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Notes:

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Project: 10-31 SWEETGREEN - SCHAUMBURG, IL

## AHU/RTU



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### Diffuser Supply (GRD)

#### RTU3/DINING

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DINING	SR1	14/10	585	1	815	602	602	102.9
SGRD2	DINING	SR1	14/10	585	1	806	592	592	101.2
SGRD3	DINING	SR1	14/10	585	1	652	612	612	104.6
SGRD4	-	-	-	200	1	190	193	193	96.5

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Project: 10-31 SWEETGREEN - SCHAUMBURG, IL

System/Unit: FAN - Exhaust



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Asset: EF0

AREA:OFFICE

Unit Data		
	Design	Actual
<b>MFG</b>	BROAN	BROAN
<b>Model Num</b>	L100	L100
<b>Type</b>	CEILING	-
<b>Configuration</b>	VERTICAL	-

Test Data		
	Design	Actual
<b>CFM</b>	100	-
<b>Total ESP</b>	0.7"	-

Motor Data		
	Design	Actual
<b>Phase</b>	1	-
<b>Voltage (rated)</b>	120	-

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Notes: Does not exist

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Project: 10-31 SWEETGREEN - SCHAUMBURG, IL

## System/Unit: FAN - Exhaust



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Asset: EF1

AREA:HOOD1

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	GREENHECK
Model Num	DU85HFA	S-099-4-YS-1-19-X
Serial Num	-	18095015
Type	UPBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	VARI-GREEN
Frame	-	NL
Horsepower	0.75	0.25
Motor Rpm	-	1750
Phase	1	1
Voltage (rated)	120	115/208/230
Amperage (rated)	-	2.85/1.7/1.5A
Service Factor	-	1.25

Test Data		
	Design	Actual
CFM	1020	525
Fan RPM	-	1050
Fan Rotation	-	CCW
Motor RPM	-	1050
System SetPt	-	6
RL Voltage	-	NA
RL Amperage	-	1.43
Total ESP	0.8"	0.31"
Fan Inlet SP	-	-0.31"
Fan Discharge SP	-	ATM

Completed By: Zack Eismin

Notes: SHOWN ON DRAWING AS A HOOD. BUT A GRILLE ABOVE OVEN IS INSTALLED INSTEAD. FAN SPEED IS MAXIMIZED AND UNABLE TO INCREASE AIRFLOW FURTHER. GC RESPONDED ON 11/7 THAT THE ISSUE WAS RESOLVED. AIRFLOW WAS NOT REMEASURED BUT BASED ON FAN LAW AIRFLOW IS 875 CFM.

# National TAB

Project: 10-31 SWEETGREEN - SCHAUMBURG, IL

## System/Unit: FAN - Exhaust



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Asset: EF2

AREA:RESTROOMS

Unit Data		
	Design	Actual
<b>MFG</b>	CAPTIVEAIRE	G-070-DGE117X0D
<b>Model Num</b>	DR12HFA	DR12HFA
<b>Serial Num</b>	-	17786265
<b>Type</b>	DOWBLAST	DOWNBLAST
<b>Configuration</b>	HORIZONTAL	-

Motor Data		
	Design	Actual
<b>Motor MFG</b>	-	GREENHECK
<b>Frame</b>	-	NL
<b>Horsepower</b>	0.25	1/30
<b>Motor Rpm</b>	-	1550
<b>Phase</b>	1	1
<b>Voltage (rated)</b>	120	115
<b>Amperage (rated)</b>	-	1.1
<b>Service Factor</b>	-	NL

Test Data		
	Design	Actual
<b>CFM</b>	150	163
<b>Fan RPM</b>	-	1550
<b>Fan Rotation</b>	-	CCW
<b>Motor RPM</b>	-	1550
<b>System SetPt</b>	-	100%
<b>RL Voltage</b>	-	NA
<b>RL Amperage</b>	-	1.01/1.03/
<b>Total ESP</b>	0.6"	0.21"
<b>Fan Inlet SP</b>	-	-0.21"
<b>Fan Discharge SP</b>	-	ATM

Completed By: Zack Eismin

Notes:

# National TAB

Project: 10-31 SWEETGREEN - SCHAUMBURG, IL

## FAN - Exhaust



Comfort. Under control.

### Diffuser Ret/Exh (GRD)

#### EF2/RESTROOMS

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	MENS RR	ER1	6/6	75	1	81	81	81	108.0
EGRD2	WOMENS RR	ER1	6/6	75	1	82	82	82	109.3

Completed By: Brianna Biggs on

# National TAB

Project: 10-31 SWEETGREEN - SCHAUMBURG, IL

System/Unit: Kitchen Hood Type II



Comfort. Under control.

Asset: HD1

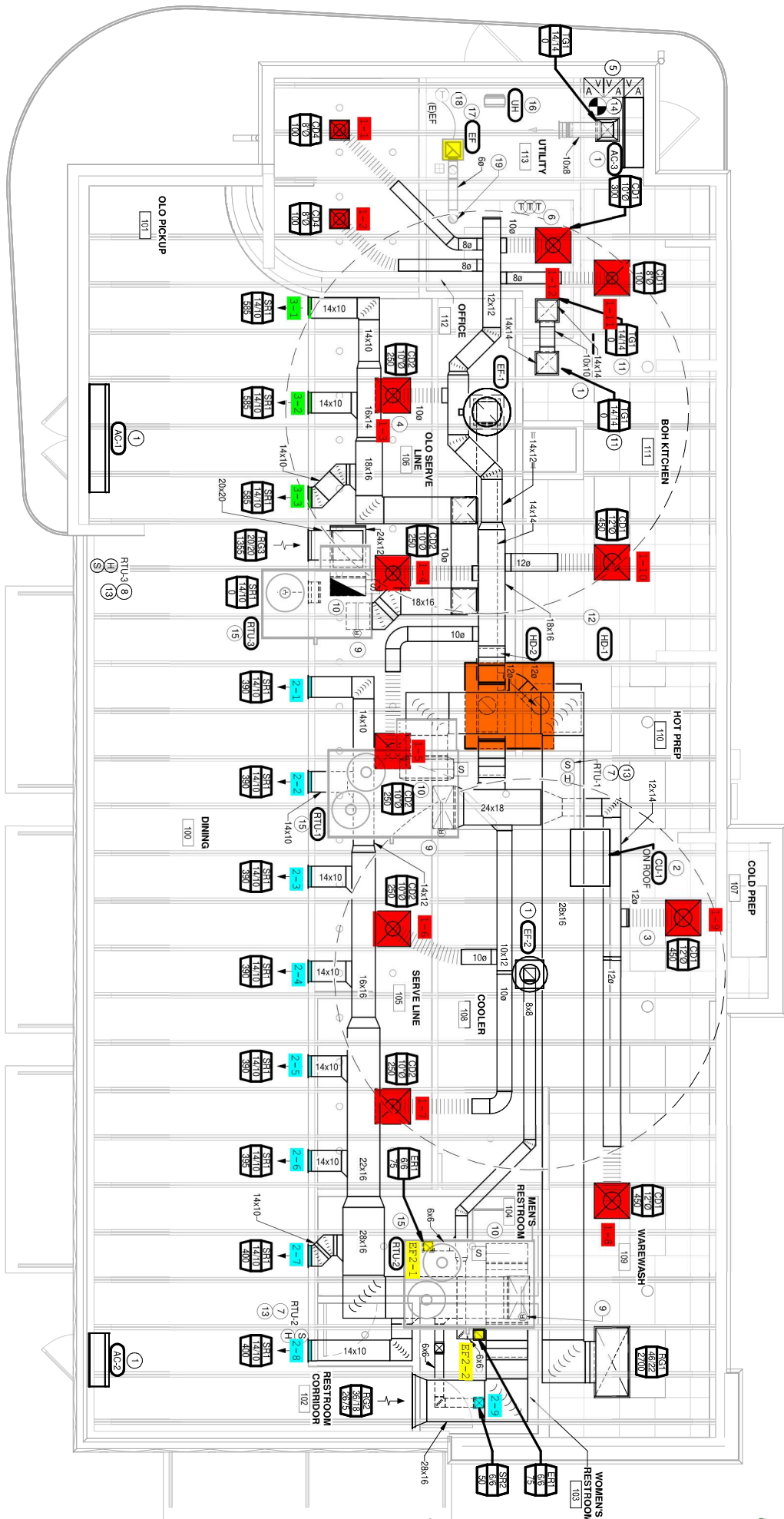
AREA:

Unit Data		
	Design	Actual
<b>MFG</b>	CAPTIVEAIRE	CAPTIVEAIRE
<b>Model Num</b>	6012 VHB	6012 VHB
<b>Type</b>	TYPE II CANOPY	-
<b>Hood length</b>	60"	-
<b>Hood Width</b>	60"	-

Test Data		
	Design	Actual
<b>Exhaust CFM</b>	1020	-

Completed By: Brianna Biggs

Notes: Does not exist



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