

**Report By:**

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



**Report: TAB**

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

**Date: 07/22/2025**

**Completed By: National TAB**

# PROJECT

**07-21-25 WHATABURGER #1610  
GREENWOOD, SC**

262 BYPASS 72 NW

GREENWOOD, SC

## Client

Whataburger Restaurants

300 Concord Plaza Dr

San Antonio, TX 78216

# National TAB

Project: 07-21-25 WHATABURGER #1610 GREENWOOD, SC

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## Issue List

- KEF 1 fire access door missing.



**07-21-25 WHATABURGER #1610 GREENWOOD, SC**

**Project Issue Information**

**Issue Name :** KEF 1 fire access door missing.  
**Description :** KEF 1 fire access door missing which gave hood 1 low flow. Temporary cover in place until door is installed, to get desire flow.  
**Created By :** National TAB                      **Assigned To :** National TAB - Brianna Biggs  
**Status :** Open  
**Priority :** High                                      **Asset Tag :** KEF1  
**Originated Date :** 07/22/2025 - Jearod Ferrette - National TAB

Project Issue File Details



07/22/2025



07/22/2025

### 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	3650	3723	1540	1578	2110	2145	57.8%	57.6%						
RTU-2	DINING	2250	2275	510	498	1740	1777	77.3%	78.1%						
KEF-1	GRILL HOOD											1994	1920		
KEF-2	FRYER HOOD											1216	1185		
EF-1	RESTROOMS													200	199
<b>TOTALS</b>		5900	5998	2050	2076	3850	3922			0	0	3210	3105	200	199

#### NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3850	3922
TOTAL EXHAUST	3410	3304
<b>NET AIRFLOW</b>	<b>440</b>	<b>618</b>

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	-0.005
SIDE	-0.0002
REAR	-0.004
<b>AVERAGE</b>	<b>-0.0031</b>

#### FINAL CHECKS

ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✔

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MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✘

NOTES:

## CheckList List

- 01: RTU's
- 02: EF's
- 03: Hoods
- 04: Final Checks



07-21-25 WHATABURGER #1610 GREENWOOD, SC

CheckList Information

**Name :** 01: RTU's **Status :** Completed

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

**Requesting Organization :** National TAB

**Created Date :** 07/21/2025 - Brianna Biggs - National TAB

**Completed Date :** 07/22/2025 - Jearod Ferrette - National TAB

CheckList Item Details

RTU's/AHU's

<b>Thermostats installed and have power?</b>	Fail
--	------

**Comment:**

T-stats inside units, Main hub isn't connected.

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

**Comment:**

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

**Comment:**

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

**Comment:**

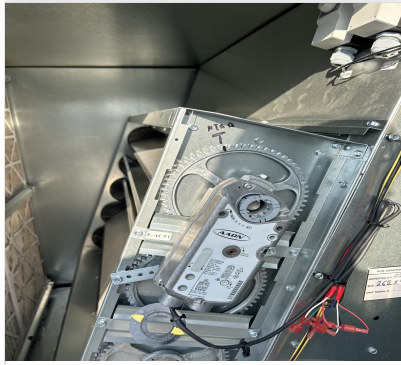
Gas on site but fryer/ grill not on

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

**Comment:**

<b>Final outside air damper position is set manually and marked with permanent marker?</b>	Pass
--	------

**Comment:**



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Supply airflow is 0 to +10%?

Pass

Comment:

Outside airflow is 0 to +10%?

Pass

Comment:

Return balance dampers are confirmed to be 100% open (if installed)?

Pass

Comment:

Screenshot of the GRD marked up with supply and return traverse locations for RTU-1 (Add picture here)

Fail

Comment:

RTU1/2 RETURN DUCT COULD NOT BE TRAVERSED DUE TO MAIN DROP NOT HAVING A RUN 4FT OR STRAIGHT DUCTWORK. NOT ABLE TO ACCURATLY READ.

Screenshot of the GRD marked up with supply and return traverse locations for RTU-2 (Add picture here)

Fail

Comment:

RTU1/2 RETURN DUCT COULD NOT BE TRAVERSED DUE TO MAIN DROP NOT HAVING A RUN 4FT OR STRAIGHT DUCTWORK. NOT ABLE TO ACCURATLY READ.

For each unit supply, is the flow hood reading within 10% of the final traverse reading? If not do you feel any major points of leakage

Fail

Comment:

RTU1/2 RETURN DUCT COULD NOT BE TRAVERSED DUE TO MAIN DROP NOT HAVING A RUN 4FT OR STRAIGHT DUCTWORK. NOT ABLE TO ACCURATLY READ.

For each unit return, is the flow hood reading within 10% of the final traverse reading? If not do you feel any major points of leakage

Fail

**Comment:**

RTU1/2 RETURN DUCT COULD NOT BE TRAVERSED DUE TO MAIN DROP NOT HAVING A RUN 4FT OR STRAIGHT DUCTWORK.  
NOT ABLE TO ACCURATLY READ.



07-21-25 WHATABURGER #1610 GREENWOOD, SC

CheckList Information

**Name :** 02: EF's **Status :** Completed

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

**Requesting Organization :** National TAB

**Created Date :** 07/21/2025 - Brianna Biggs - National TAB

**Completed Date :** 07/21/2025 - Jearod Ferrette - National TAB

CheckList Item Details

EF's

Rotation is correct?	Pass
----------------------	------

Comment:

Belts are tight?	N/A
------------------	-----

Comment:

Hinge kit installed installed on hood fan?	Pass
--	------

Comment:

Lean fan back. Is grease duct installation adequate and is duct ran all the way to the base of the fan?	Pass
---	------

Comment:

Flex conduit is long enough so that fan can be completely tilted back?	Pass
--	------

Comment:

There is no major leakage around base of fan?	Pass
---	------

Comment:

Is the motor operating below the motor FLA rating?

Pass

Comment:

For restroom fan(s) is the back draft damper installed and can it fully open?

Pass

Comment:

Unit free of noticeable noise and vibration?

Pass

Comment:

Exhaust airflow is 0 to +10%?

Fail

Comment:

KEF-1 MOTOR IS UNDER SIZED. MSET CALLS FOR 1 HP BUT HAS 3/4HP INSTALLED. CURRENTLY GETTING 1128 CFMS BUT NEEDS 1994 CFMS. (56%) OF DESGIN.



07-21-25 WHATABURGER #1610 GREENWOOD, SC

CheckList Information

**Name :** 03: Hoods **Status :** Completed

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

**Requesting Organization :** National TAB

**Created Date :** 07/21/2025 - Brianna Biggs - National TAB

**Completed Date :** 07/21/2025 - Jearod Ferrette - National TAB

CheckList Item Details

HOODS

All hood filters installed and accounted for? Pass

Comment:

Hoods are wired and have power? Pass

Comment:

Hood is free of alarms? Pass

Comment:

Hood is free of damage? Pass

Comment:

Quarter or full vertical end panels are installed if specified? Pass

Comment:



07-21-25 WHATABURGER #1610 GREENWOOD, SC

CheckList Information

**Name :** 04: Final Checks **Status :** Completed

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

**Requesting Organization :** National TAB

**Created Date :** 07/21/2025 - Brianna Biggs - National TAB

**Completed Date :** 07/22/2025 - Jearod Ferrette - National TAB

CheckList Item Details

**FINAL CHECKS**

**Is space free of drafting?** Pass

**Comment:**

**Is space comfortable in all areas?** Pass

**Comment:**

**Is the space free of ventilation noise?** Pass

**Comment:**

**List kitchen equipment turned on for testing**

**Comment:**

UNABLE TO TURN KITCHEN EQUIPMENT FOR TEST

**List smoke candle type used**

**Comment:**

SMOKE EMITTER

**HOOD CAPTURE TEST**

**Smoke test capture % - Perimeter of hood**

**Comment:**

HOOD-1 100% HOOD-2 100%

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**Smoke test capture % - Top of cooking surface**

**Comment:**

HOOD-1 100% HOOD-2 100%

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**WITNESS**

**Date test was completed**

07/22/2025

**Comment:**

---

**TAB tech name / Firm**

**Comment:**

JEAROD FERRETTE/ NTAB

---

**Site super name / Firm**

**Comment:**

Michael

---

**Owner representative name / Firm (if Applicable)**

**Comment:**

NA

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**BUILDING PRESSURE**

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**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:**

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**Is the building pressure at least +0.02"? If not, do you see any obvious areas of external building that aren't sealed?**

Fail

**Comment:**

Missing fire access door on KEF1, temp door in place. All units are on, no obvious area to speak of. Front door -0.005, Side -0.0002, Rear -0.004

# National TAB

Project: 07-21-25 WHATABURGER #1610 GREENWOOD, SC

System/Unit: AHU/RTU



Asset: RTU1

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	202506-BNGN122916
Model Num	NA	RNA-018-C-A-8-BAB04-CB1L0
Num OA Filters 1	-	3
OA Filter Size 1	-	20X25X1
Num Final Filter 1	-	6
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	213/5T
Horsepower	3	3
Motor Rpm	-	1175
Phase	3	3
Rated Voltage	208	230
Rated Amperage	-	8.32

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

Test Data		
	Design	Actual
SF CFM	3650	3723
SF RPM	-	DD/53HZ
MOTOR RPM	-	DD/53HZ
RA CFM	1540	1578
OA CFM	2110	2145
RL Voltage	-	206 VFD
RL Amperage	-	10.6 VFD
SF System SetPt	-	53HZ
RA Damper Position	-	1.5"
Min OA Damper Position	-	1.25
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.28"
Fan Suction SP	-	-0.65"
Fan Discharge SP	-	0.60"
Total ESP	0.75"	0.88"
Fan Total SP	-	1.25"

General	
	Actual
Unit free of Damage	YES
Fan Rotation Correct	YES
Unit Filters Clean	YES
Condensate Drain Installed	YES

Completed By: Jearod Ferrette on 07/22/2025

## Unit Data - PHOTO LOG



07/21/2025

# National TAB

Project:07-21-25 WHATABURGER #1610 GREENWOOD, SC

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU1/KITCHEN

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	DRIVE THRU AREA	G4	12"	400	1	429	343	407	101.8
SGRD2	DRIVE THRU AREA	G4	12"	400	1	451	354	419	104.8
SGRD3	KITCHEN	G4	12"	400	1	242	364	406	101.5
SGRD4	KITCHEN	G4	12"	400	1	432	400	400	100.0
SGRD5	KITCHEN	G4	12"	400	1	165	427	405	101.3
SGRD6	KITCHEN	G4	12"	400	1	432	400	409	102.3
SGRD7	KITCHEN	G4	12"	400	1	550	405	405	101.3
SGRD8	KITCHEN	G2	8"	200	1	208	192	209	104.5
SGRD9	CORRIDOR	G3	10"	250	1	277	255	255	102.0
SGRD10	OFFICE	B1	6"	50	1	122	110	51	102.0
SGRD11	DELIVERY	G3	10"	250	1	316	292	256	102.4
SGRD12	STORAGE	E1	7.25X5.25	100	0.264	128	110	101	101.0
Total				3650		3752	3652	3723	102%

# National TAB

Project: 07-21-25 WHATABURGER #1610 GREENWOOD, SC

System/Unit: AHU/RTU



Asset: RTU2

AREA:DINING

Unit Data		
	Design	Actual
MFG	NA	AAON
Serial Num	-	202504- ANGK122850
Model Num	NA	RN-013-8-0- GB04-3F9
Num OA Filters 1	-	2
OA Filter Size 1	-	20X25X1
Num Final Filter 1	-	4
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	184
Horsepower	2	2
Motor Rpm	-	1175
Phase	3	3
Rated Voltage	208	230
Rated Amperage	-	6.8

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

Test Data		
	Design	Actual
SF CFM	2250	2275
SF RPM	-	DD/ 57%
MOTOR RPM	-	DD/57%
RA CFM	510	498
OA CFM	1740	1777
RL Voltage	-	230VFD
RL Amperage	-	8.6VFD
SF System SetPt	-	57HZ
RA Damper Position	-	0.4
Min OA Damper Position	-	0.6
Min OA Damper Type	-	ECON

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.22"
Fan Suction SP	-	-0.48"
Fan Discharge SP	-	0.23"
Total ESP	0.75"	0.45"
Fan Total SP	-	0.71"

General	
	Actual
Unit free of Damage	YES
Fan Rotation Correct	YES
Unit Filters Clean	YES
Condensate Drain Installed	YES

Completed By: Jearod Ferrette on 07/22/2025

## Unit Data - PHOTO LOG



07/21/2025

# National TAB

Project:07-21-25 WHATABURGER #1610 GREENWOOD, SC

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU2/DINING

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	ENTRY	P1	8"	150	0.45			151	100.7
SGRD2	ENTRY	P1	8"	150	0.45			154	102.7
SGRD3	DINING	A2	8"	200	1			203	101.5
SGRD4	SERVING AREA	H1	8"	200	0.71			201	100.5
SGRD5	SERVING AREA	A2	8"	200	1	1226	1226	205	102.5
SGRD6	DINING	A2	8"	200	1	220	220	202	101.0
SGRD7	DINING	A2	8"	200	1	162	162	198	99.0
SGRD8	DINING	A2	8"	200	1	272	270	202	101.0
SGRD9	DINING	A2	8"	200	1	196	897	199	99.5
SGRD10	DINING	P1	8"	150	0.45	142		153	102.0
SGRD11	DINING	P1	8"	150	0.45	185		152	101.3
SGRD12	DINING	P1	8"	150	0.45	150		155	103.3
SGRD13	RESTROOM 104	B1	6"	50	1	87		51	102.0
SGRD14	RESTROOM 103	B1	6"	50	1	89		49	98.0
Total				2250		2729	2775	2275	101.11%

# National TAB

Project:07-21-25 WHATABURGER #1610 GREENWOOD, SC



## Diffuser Supply (GRD)

### RTU1/KITCHEN

Asset										
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design	VEL(1)
SGRD1	DRIVE THRU AREA	G4	12"	400	1	429	343	407	101.8	
SGRD2	DRIVE THRU AREA	G4	12"	400	1	451	354	419	104.8	
SGRD3	KITCHEN	G4	12"	400	1	242	364	406	101.5	
SGRD4	KITCHEN	G4	12"	400	1	432	400	400	100.0	
SGRD5	KITCHEN	G4	12"	400	1	165	427	405	101.3	
SGRD6	KITCHEN	G4	12"	400	1	432	400	409	102.3	
SGRD7	KITCHEN	G4	12"	400	1	550	405	405	101.3	
SGRD8	KITCHEN	G2	8"	200	1	208	192	209	104.5	
SGRD9	CORRIDOR	G3	10"	250	1	277	255	255	102.0	
SGRD10	OFFICE	B1	6"	50	1	122	110	51	102.0	
SGRD11	DELIVERY	G3	10"	250	1	316	292	256	102.4	
SGRD12	STORAGE	E1	7.25X5.25	100	0.264	128	110	101	101.0	
Total				3650		3752	3652	3723	102%	

### RTU2/DINING

Asset										
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design	VEL(1)
SGRD1	ENTRY	P1	8"	150	0.45			151	100.7	
SGRD2	ENTRY	P1	8"	150	0.45			154	102.7	
SGRD3	DINING	A2	8"	200	1			203	101.5	
SGRD4	SERVING AREA	H1	8"	200	0.71			201	100.5	
SGRD5	SERVING AREA	A2	8"	200	1	1226	1226	205	102.5	
SGRD6	DINING	A2	8"	200	1	220	220	202	101.0	
SGRD7	DINING	A2	8"	200	1	162	162	198	99.0	
SGRD8	DINING	A2	8"	200	1	272	270	202	101.0	
SGRD9	DINING	A2	8"	200	1	196	897	199	99.5	
SGRD10	DINING	P1	8"	150	0.45	142		153	102.0	
SGRD11	DINING	P1	8"	150	0.45	185		152	101.3	
SGRD12	DINING	P1	8"	150	0.45	150		155	103.3	
SGRD13	RESTROOM 104	B1	6"	50	1	87		51	102.0	
SGRD14	RESTROOM 103	B1	6"	50	1	89		49	98.0	
Total				2250		2729	2775	2275	101.11%	

### TRAVERSEs/

Asset										
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design	VEL(1)
RETURN TRAVERSE RTU-1	-	-	50X20	1540	-	-	-	-	-	(1)
RETURN TRAVERSE RTU-2	-	-	20X20	510	-	-	-	-	-	(1)
SUPPLY TRAVERSE RTU-1	-	-	24X22	3650	-	-	-	-	-	(1)
SUPPLY TRAVERSE RTU-2	-	-	22X16	2250	-	-	-	-	-	(1)
Total				7950				0	0%	



# National TAB

Project: 07-21-25 WHATABURGER #1610 GREENWOOD, SC

## System/Unit: FAN - Exhaust



Asset: EF1

AREA:

Unit Data		
	Design	Actual
MFG	GREENHECK	GREENHECK
Model Num	G-080-VG	G-080-VG
Serial Num	-	26421435
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	VARI-GREEN
Frame	-	NA
Horsepower	0.10	0.10
Motor Rpm	-	1750
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	0.73
Service Factor	-	1

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

Test Data		
	Design	Actual
CFM	200	199
Fan RPM	1514	DD/ SET TO 5
Fan Rotation	-	CW
Motor RPM	-	DD
RL Voltage	-	206
RL Amperage	-	2.4
Suction ESP	-	-0.06"
Discharge ESP	-	ATMO
Total ESP	0.50"	0.06"

Completed By: Jearod Ferrette on 07/21/2025

### Unit Data - PHOTO LOG



07/21/2025

# National TAB

Project:07-21-25 WHATABURGER #1610 GREENWOOD, SC

## FAN - Exhaust



### Diffuser Ret/Exh (GRD)

EF1/

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	RESTROOM 103	F1	6X6	100	1	185	143	101	101.0
EGRD2	RESTROOM 104	F1	6X6	100	1	193	165	98	98.0
Total				200		378	308	199	99.5%

# National TAB

Project: 07-21-25 WHATABURGER #1610 GREENWOOD, SC

System/Unit: FAN - Exhaust



Asset: KEF1

AREA:

Unit Data		
	Design	Actual
MFG	GREENHECK	GREENHECK
Model Num	CUE-140-VG	CUE-140-VG
Serial Num	-	26423982
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	Actual
CFM	1994	1920
Fan RPM	1519	DD/ SET 7
Fan Rotation	-	CW
Motor RPM	-	DD/ SET 7
RL Voltage	-	206/207/206
RL Amperage	-	4.3/4.4
Suction ESP	-	-0.60"
Discharge ESP	-	ATMO
Total ESP	1.0"	0.60"

Motor Data		
	Design	Actual
Motor MFG	-	VARI-GREEN
Frame	-	NA
Horsepower	1	3/4
Motor Rpm	-	1750
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	4.8
Service Factor	-	1

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

Completed By: Jearod Ferrette on 07/22/2025

## Unit Data - PHOTO LOG



07/21/2025

# National TAB

Project: 07-21-25 WHATABURGER #1610 GREENWOOD, SC

System/Unit: FAN - Exhaust



Asset: KEF2

AREA:

Unit Data		
	Design	Actual
MFG	GREENHECK	GREENHECK
Model Num	CUE-120-VG	CUE-120-VG
Serial Num	-	26423983
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	VARI
Frame	-	NA
Horsepower	0.50	0.50
Motor Rpm	-	1750
Phase	-	1
Voltage (rated)	-	208
Amperage (rated)	-	3.2
Service Factor	-	1

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

Test Data		
	Design	Actual
CFM	1216	1185
Fan RPM	1539	DD/ SET 6.8
Fan Rotation	-	CW
Motor RPM	-	DD/ SET 6.8
RL Voltage	-	206/207/206
RL Amperage	-	2.6/2.8/.2.6
Suction ESP	-	-0.46"
Discharge ESP	-	ATMO
Total ESP	0.75"	0.46"

Completed By: Jearod Ferrette on 07/21/2025

Notes:  
MOTOR SET 7.5/10

Written By: Jearod Ferrette on 07/21/2025

## Unit Data - PHOTO LOG



07/21/2025

# National TAB

Project: 07-21-25 WHATABURGER #1610 GREENWOOD, SC

## System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:GRILL

Unit Data		
	Design	Actual
MFG	H&K DALLAS	H&K DALLAS
Model Num	MH16346	MH16346
Job / Serial Num	-	8160531-001
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	86"	86"
Hood Width	55"	55"

Test Data Exhaust		
	Design	Actual
Filter Type	SS BAFFLE	SS BAFFLE
Filter Size 1	12X20	12X20
Filter Qty 1	8	8
Filter AK factor size 1	1.5	1.5
Filter Total AK Area	12	12
Filter1 FPM	-	132
Filter2 FPM	-	167
Filter3 FPM	-	170
Filter4 FPM	-	149
Filter5 FPM	-	153
Filter6 FPM	-	167
Filter7 FPM	-	174
Filter8 FPM	-	166
Filter Ave FPM(corr)	-	160
CFM	1994	1920

Cooking Equipment	
	Actual
Item 1	GRILL

Completed By: Jearod Ferrette on 07/22/2025

**Unit Data - PHOTO LOG**



**07/21/2025**



**07/21/2025**

# National TAB

Project: 07-21-25 WHATABURGER #1610 GREENWOOD, SC

System/Unit: Kitchen Hood Type I



Asset: HD2

AREA:FRY HOOD

Unit Data		
	Design	Actual
MFG	H&K DALLAS	H&K DALLAS
Model Num	MH16346	MH16346
Job / Serial Num	-	8157824-001
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	73"	73"
Hood Width	22"	22"

Test Data Exhaust		
	Design	Actual
Filter Type	SS BAFFLE	SS BAFFLE
Filter Size 1	12X20	11.5X19.5
Filter Size 2	12X16	15.75X11.5
Filter Qty 1	1	1
Filter Qty 2	3	3
Filter AK factor size 1	1.5	1.5
Filters AK factor size 2	1.16	1.16
Filter Total AK Area	4.98	4.98
Filter1 FPM	-	245
Filter2 FPM	-	225
Filter3 FPM	-	260
Filter4 FPM	-	222
Filter Ave FPM(corr)	-	238
CFM	1216	1185

Cooking Equipment	
	Actual
Item 1	FRYER

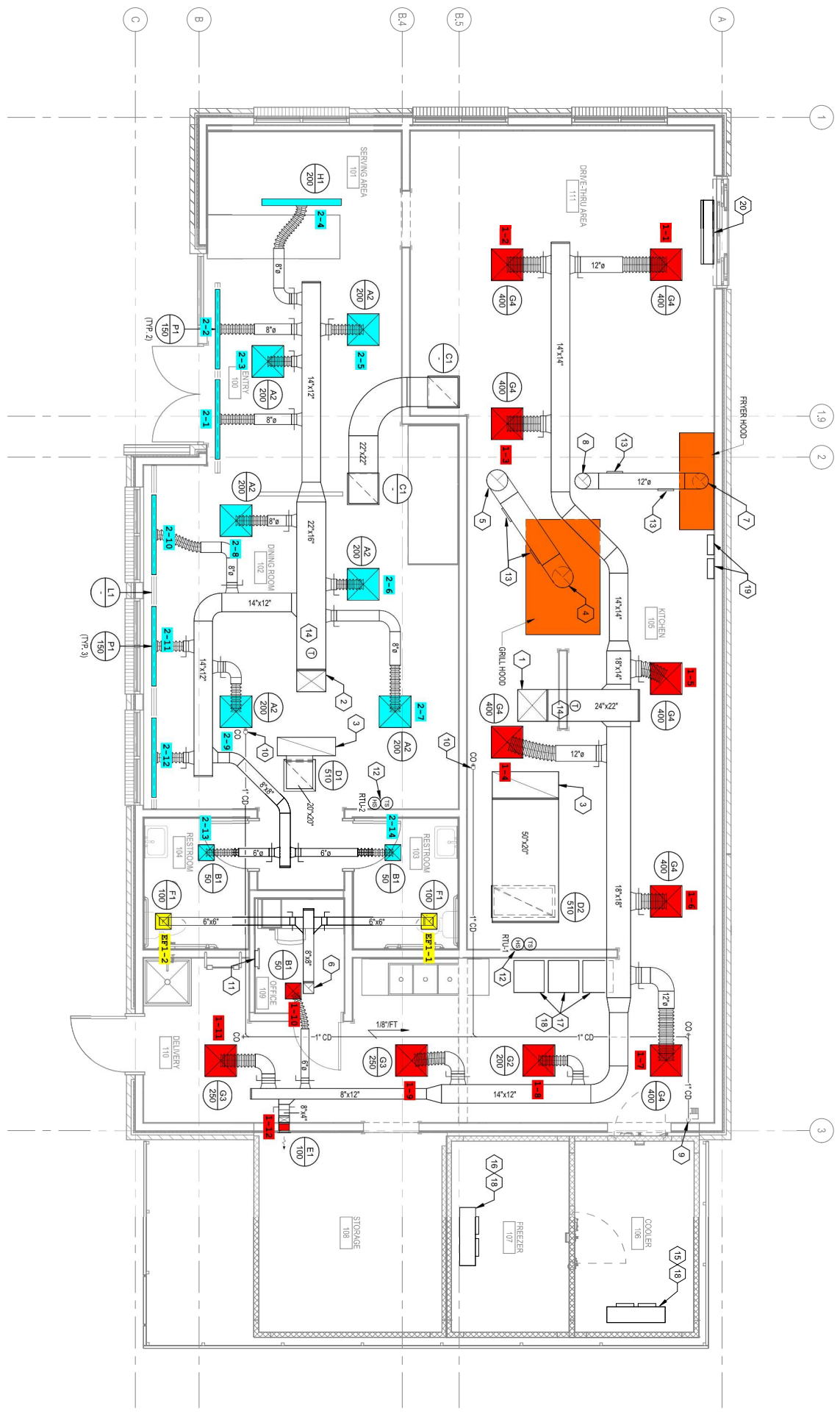
Completed By: Jearod Ferrette on 07/22/2025

## Unit Data - PHOTO LOG



07/21/2025

**M1**  
MECHANICAL FLOOR PLAN  
1/4" = 1'-0"



19) REFER TO ANNOT. 5'S FOR MOUNTING ON WALL, CROWN MOULD, STATION WITH OWNER, ARCHITECT,  
AND OTHER TRADES. REFER TO DETAILS AND SPECIFICATIONS.  
20) AIR CURTAIN MOUNTED ON WALL, FINISHED BY OWNER, INSTALLED BY MFC IN COORDINATION WITH GC.