Report By:

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

Report: FINAL TAB REPORT

Function: Test, Adjust, & Balance

Date: 05/22/2025

Completed By: National TAB

PROJECT

04-28-25 CULVERS ROCKMART, GA

1939 NATHAN DEAN PKWY

ROCKMART, GA 30153

Client

Accurex

PO Box 410

Schofield, WI 54476

National TAB

Project: 04-28-25 CULVERS ROCKMART, GA

Table Of Contents

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)
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.

Kitchen Exhaust Hood & Associated Fans
Each kitchen exhaust fan was measured at the hood filter bay utilizing a velocity matrix and a manufacturer's correction factor. Each filter velocity is multiplied by the manufacturer's corrected area. The sum of these readings equals the total flow of the exhaust fans. The total flow of the exhaust was then adjusted to within tolerance of the design flow.

General Exhaust Fans
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.

Issue List

- DOAS AIRFLOW ISSUES
- FAN BACKDRAFT DAMPERS NOT INSTALLED
- HOOD 3 CONDENSATE BAFFLES MISSING

04-28-25 CULVERS ROCKMART, GA

Project Issue Information

Issue Name :	DOAS AIRFLOW ISSUES		
Description :	Both DOAS units are currently running at 60.3 Hz and FLA. With proper OA setpoints, both totals are around 5700 cfm. These tonnage fans are usually scheduled for 6150 cfm and are still barely in design. The returns are too restrictive on these units, as they are intended for majority OA, while they are scheduled for the opposite.		
Created By :	National TAB	**Assigned To :**	National TAB - Ben Searles
Status :	Open		
Priority :	InfoOnly	**Asset Tag :**	
Originated Date :	05/20/2025 - Ben Searles - National TAB		

04-28-25 CULVERS ROCKMART, GA

Project Issue Information

Issue Name : FAN BACKDRAFT DAMPERS NOT INSTALLED

Description : The exhaust fan schedule specifies that all fans should have a backdraft damper. It is not recommended to install in the kitchen fans. Recommend contacting the engineer to determine which fans need the gravity dampers.

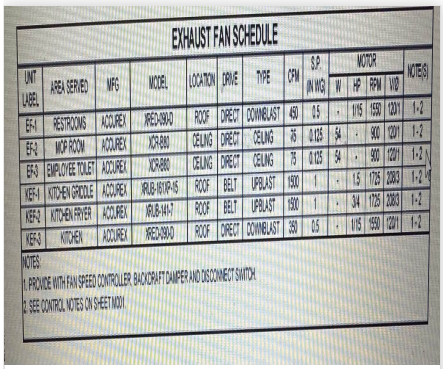
Created By : National TAB **Assigned To :** National TAB - Ben Searles

Status : Open

Priority : Medium **Asset Tag :**

Originated Date : 05/20/2025 - Ben Searles - National TAB

Project Issue File Details



EXHAUST FAN SCHEDULE

UNIT LABEL	AREA (SERVED)	MFG	MODEL	LOCATION	DRIVE	TYPE	CFM	S.P. (IN WG)	MOTOR W	MOTOR HP	MOTOR RPM	MOTOR V/Ø	NOTES
EF-1	RESTROOMS	ACCUREX	XREC-280-D	ROOF	DIRECT	DOWNBLAST	450	0.5	-	1/15	1550	120/1	1 - 2
EF-2	MOP ROOM	ACCUREX	XCF-880	CEILING	DIRECT	CEILING	75	0.125	54	-	900	120/1	1 - 2
EF-3	EMPLOYEE TOILET	ACCUREX	XCF-880	CEILING	DIRECT	CEILING	75	0.125	54	-	900	120/1	1 - 2
KEF-1	KITCHEN GRIDDLE	ACCUREX	XRUB-161XP-VG	ROOF	BELT	UPBLAST	1500	1	-	1.5	1725	208/3	1 - 2
KEF-2	KITCHEN FRYER	ACCUREX	XRUB-141-T	ROOF	BELT	UPBLAST	1200	1	-	3/4	1725	208/3	1 - 2
KEF-3	KITCHEN	ACCUREX	XREC-280-D	ROOF	DIRECT	DOWNBLAST	350	0.5	-	1/15	1550	120/1	1 - 2

NOTES:
1. PROVIDE WITH FAN SPEED CONTROLLER, BACKDRAFT DAMPER AND DISCONNECT SWITCH.
2. SEE CONTROL NOTES ON SHEET M001

05/20/2025

04-28-25 CULVERS ROCKMART, GA

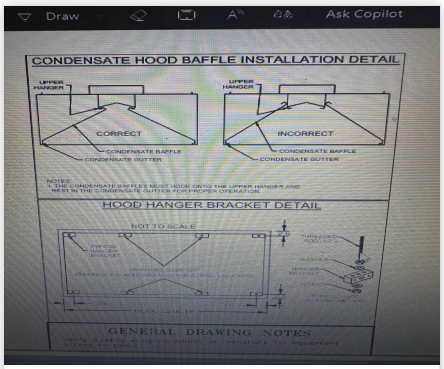
Project Issue Information

Issue Name : HOOD 3 CONDENSATE BAFFLES MISSING
Description : The condensate hood is missing the specified baffle filters.

Created By : National TAB
Assigned To : National TAB - Ben Searles
Status : Open
Priority : Medium
Asset Tag :
Originated Date : 05/20/2025 - Ben Searles - National TAB

Project Issue File Details

05/20/2025



05/20/2025

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	DINING	7000	5799	5000	3759	2000	2040	28.6%	35.2%						
RTU-2	KITCHEN	6800	5761	4800	3658	2000	2103	29.4%	36.5%						
KEF-1	GRIDDLE HOOD											1500	1518		
KEF-2	FRYER HOOD											1500	1499		
KEF-3	KITCHEN HOOD											350	369		
EF-1	RESTROOMS													450	443
EF-2	MOP ROOM													75	69
EF-3	EMPLOYEE RR													75	81
TOTALS		13800	11560	9800	7417	4000	4143			0	0	3350	3386	600	593

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	4000	4143
TOTAL EXHAUST	3950	3979
NET AIRFLOW	50	164

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	0.008
SIDE	0.006
REAR	0.005
AVERAGE	**0.0063**

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

- STEP 1: INITIAL WALKTHRU
- STEP 4: FINAL TESTS
- STEP 2: UNIT DATA AND EVA
- STEP 3: TEST, ADJUST AND BALANCE

04-28-25 CULVERS ROCKMART, GA

CheckList Information

Name :	STEP 1: INITIAL WALKTHRU	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	04/07/2025 - Tara Metcalf - National TAB		
Completed Date :	05/22/2025 - Ben Searles - National TAB		

CheckList Item Details

INITIAL SITE WALKTHROUGH

All diffusers and grilles are installed and match design?	Yes
Comment:	
All hood filters installed and accounted for?	Yes
Comment:	
Hoods are wired and have power?	Yes
Comment:	
Hood is free of alarms?	Yes
Comment:	
Thermostats have power?	Yes
Comment:	

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

Comment:

YES

04-28-25 CULVERS ROCKMART, GA

CheckList Information

Name :	STEP 4: FINAL TESTS	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	04/07/2025 - Tara Metcalf - National TAB		
Completed Date :	05/22/2025 - Ben Searles - National TAB		

CheckList Item Details

FINAL TESTS

HOOD CAPTURE TEST

List equipment turned on for testing

Comment:

ALL EQUIPMENT WAS ON FOR TESTING

List smoke candle type used

Comment:

NO CANDLE WAS USED - TECHNICIAN OBSERVED CAPTURE WHEN THE STORE WAS OPEN AND APPLIANCES WERE IN USE

Smoke test capture - Perimeter of hood

Comment:

100%

Smoke test capture - Top of cooking surface

Comment:

100%

WITNESS

Date test was completed	05/22/2025

Comment:

TAB tech name / Firm

Comment:

BEN S / NTAB

Site super name / Firm

Comment:

Tom Hinson - tom@milescg.net / Miles Construction Group, LLC

Owner representative name / Firm (if Applicable)

Comment:

CULVERS

Building pressure at front & back doors (All Systems On)

Comment:

0.008" / 0.005"

ADDITIONAL

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

Comment:

YES

Thermostats are programmed?	Yes

Comment:

04-28-25 CULVERS ROCKMART, GA

CheckList Information

Name :	STEP 2: UNIT DATA AND EVA	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	04/07/2025 - Tara Metcalf - National TAB		
Completed Date :	05/22/2025 - Ben Searles - 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
Comment:	
DCV Max damper opening position is set to minimum?	Yes
Comment:	
Free cooling enthalpy set point set for lowest setting (Typically "D")	N/A
Comment:	
Motors are all operating below the FLA rating?	Yes
Comment:	

Are belts tight?

Comment:

N/A

If direct drive unit is the speed controller working.

Comment:

YES

Is gas piping installed and valves turned on?	Yes

Comment:

Unit free of noticeable noise and vibration	Yes

Comment:

EF's

Rotation is correct?	Yes

Comment:

Belts are tight?

Comment:

N/A

Grease cup installed on hood fan?	Yes

Comment:

Hinge kit installed installed on hood fan?	Yes

Comment:

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

Comment:

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

Comment:

There is no major leakage around base of fan?	Yes

Comment:

Is the motor operating below the motor FLA rating?	Yes

Comment:	
For restroom fan(s) is the back draft damper installed and can it fully open?	Yes
Comment:	
Unit free of noticeable noise and vibration?	Yes
Comment:	
MUA	
Rotation is correct?	N/A
Comment:	
Gas piping is installed and valves are in on position?	N/A
Comment:	
Heater tested and is functional?	N/A
Comment:	
Internal motorized damper is fully opening?	N/A
Comment:	
Motor is operating below the FLA rating?	N/A
Comment:	
Unit free of noticeable noise and vibration?	N/A
Comment:	
HOODS	
Kitchen equipment installed in proper places?	Yes
Comment:	
Can kitchen equipment be turned on for final smoke test?	Yes
Comment:	

DOCUMENTATION	
Have trades/general contractor been notified about any issues and are they created on FaciliBuild?	Yes
Comment:	

04-28-25 CULVERS ROCKMART, GA

CheckList Information

Name :	STEP 3: TEST, ADJUST AND BALANCE	**Status :**	Completed
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		
Created Date :	04/07/2025 - Tara Metcalf - National TAB		
Completed Date :	05/22/2025 - Ben Searles - National TAB		

CheckList Item Details

TEST, ADJUST, AND BALANCE ALL EQUIPMENT:

DURING TESTING MAKE NOTE OF THE FOLLOWING:

Is space free of drafting?	Yes
Comment:	
Is space comfortable in all areas?	Yes
Comment:	
Is the space free of ventilation noise?	Yes
Comment:	

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

Comment:

NA

National TAB

Project: 04-28-25 CULVERS ROCKMART, GA

System/Unit: AHU/RTU

Asset: RTU1 AREA:DINING

Unit Data		
	Design	**Actual**
MFG	LENNOX	CAPTIVAIRE
Serial Num	-	7183191
Model Num	LGH210H4B	CAS-HVAC3-I.400-24-20T
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	4
OA Filter Size 1	-	16X25X2
Num Final Filter 1	-	8
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO
Frame	-	215T
Horsepower	5	10
Motor Rpm	-	1755
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	27

Test Data		
	Design	**Actual**
SF CFM	7000	5799
SF RPM	-	1735
RA CFM	5000	3059
OA CFM	2000	2040
RL Voltage	-	208 CONTROL BOARD
RL Amperage	-	26.8 CONTROL BOARD
SF Rotation	-	CCW
SF System SetPt	-	60.3 HZ
RA Damper Position	-	4.0 VDC
Min OA Damper Position	-	6.0 VDC
Min OA Damper Type	-	ECON

Performance Data		
	Design	**Actual**
Fan Discharge SP	-	0.61”

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

Completed By: Ben Searles on 05/22/2025

Unit Data - PHOTO LOG

05/20/2025

National TAB

Project:04-28-25 CULVERS ROCKMART, GA

AHU/RTU

Diffuser Supply (GRD)

RTU1/DINING

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	DINING	A3	8"	150	1	187	139	134	89.3
SGRD2	DINING	A1	10"	300	1	398	314	253	84.3
SGRD3	DINING	A1	10"	300	1	335	125	249	83.0
SGRD4	DINING	A1	8"	150	1	30	134	129	86.0
SGRD5	DINING	A1	8"	150	1	16	153	130	86.7
SGRD6	DINING	A1	10"	225	1	346	258	187	83.1
SGRD7	DINING	A1	10"	225	1	0	221	189	84.0
SGRD8	DINING	A1	10"	225	1	46	143	192	85.3
SGRD9	DINING	A1	10"	225	1	19	234	193	85.8
SGRD10	DINING	A1	10"	225	1	29	199	187	83.1
SGRD11	DINING	A1	10"	225	1	44	198	194	86.2
SGRD12	DINING	A1	10"	225	1	264	245	185	82.2
SGRD13	DINING	A1	10"	225	1	251	233	188	83.6
SGRD14	DINING	A1	10"	225	1	250	244	190	84.4
SGRD15	DINING	A1	10"	225	1	256	243	188	83.6
SGRD16	DINING	A1	8"	150	1	196	183	131	87.3
SGRD17	DINING	A1	10"	300	1	245	229	257	85.7
SGRD18	DINING	A1	8"	150	1	-	159	120	80.0
SGRD19	DINING	A1	10"	225	1	290	261	179	79.6
SGRD20	DINING	A1	12"	500	1	238	223	363	72.6
SGRD21	DINING	A1	8"	200	1	128	126	133	66.5
SGRD22	DINING	A1	10"	350	1	201	28	294	84.0
SGRD23	DINING	A1	12"	450	1	414	391	369	82.0
SGRD24	DINING	A5	10"	350	1	262	261	290	82.9
SGRD25	DINING	A5	10"	350	1	118	96	289	82.6
SGRD26	DINING	A5	10"	350	1	349	276	302	86.3
SGRD27	DINING	A3	8"	150	1	169	136	143	95.3
SGRD28	DINING	A3	8"	150	1	167	122	141	94.0
Total				6975		5248	5574	5799	83.14%

National TAB

Project: 04-28-25 CULVERS ROCKMART, GA

System/Unit: AHU/RTU

Asset: RTU2 AREA:KITCHEN

Unit Data		
	Design	**Actual**
MFG	LENNOX	CAPTIVAIRE
Serial Num	-	7183191
Model Num	LGH210H4B	CAS-HVAC3-I.400-24-20T
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	4
OA Filter Size 1	-	16X25
Num Final Filter 1	-	8
Final Filter Size 1	-	20X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO
Frame	-	215T
Horsepower	5	10
Motor Rpm	-	1755
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	27

Test Data		
	Design	**Actual**
SF CFM	6800	5761
SF RPM	-	1735
RA CFM	4800	3658
OA CFM	2000	2103
RL Voltage	-	209 CONTROL BOARD
RL Amperage	-	26.4 CONTROL BOARD
SF Rotation	-	CCW
SF System SetPt	-	60.3 HZ
RA Damper Position	-	3.9 VDC
Min OA Damper Position	-	6.1 VDC
Min OA Damper Type	-	ECON

Performance Data		
	Design	**Actual**
Fan Discharge SP	-	0.52”
Total ESP	.80"	

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

Completed By: Ben Searles on 05/22/2025

Unit Data - PHOTO LOG

05/20/2025

National TAB

Project:04-28-25 CULVERS ROCKMART, GA

AHU/RTU

Diffuser Supply (GRD)

RTU2/KITCHEN

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	KITCHEN	A1	12"	600	1	262	277	489	81.5
SGRD2	KITCHEN	A1	12"	600	1	92	98	461	76.8
SGRD3	KITCHEN	A1	12"	600	1	567	635	482	80.3
SGRD4	KITCHEN	A5	10"	600	1	471	527	491	81.8
SGRD5	KITCHEN	A4	10"	300	1	55	44	263	87.7
SGRD6	KITCHEN	A4	10"	300	1	50	49	247	82.3
SGRD7	KITCHEN	A4	12"	400	1	178	606	366	91.5
SGRD8	KITCHEN	A4	12"	400	1	530	194	381	95.3
SGRD9	KITCHEN	A4	12"	400	1	180	700	365	91.3
SGRD10	KITCHEN	A5	12"	600	1	272	302	554	92.3
SGRD11	KITCHEN	A3	12"	200	1	640	367	189	94.5
SGRD12	KITCHEN	A4	10"	375	1	147	162	341	90.9
SGRD13	KITCHEN	A4	6"	400	1	184	520	358	89.5
SGRD14	KITCHEN	A4	10"	400	1	484	522	342	85.5
SGRD15	KITCHEN	A4	6"	300	1	481	461	298	99.3
SGRD16	KITCHEN	A4	6"	75	1	133	141	80	106.7
SGRD17	KITCHEN	A1	6"	50	1	131	149	54	108.0
Total				6600		4857	5754	5761	87.29%

National TAB

Project: 04-28-25 CULVERS ROCKMART, GA

System/Unit: FAN - Exhaust

Asset: EF1 AREA:RESTROOMS

Unit Data		
	Design	**Actual**
MFG	ACCUREX	ACCUREX
Model Num	XRED-090-D	XRED-090-D
Serial Num	-	26137917
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	VARI-GREEN
Frame	-	N/L
Horsepower	-	1/10
Motor Rpm	-	1750
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	1.38
Service Factor	-	N/L

Test Data		
	Design	**Actual**
CFM	450	443
Fan Rotation	-	CCW
System SetPt	-	6 DIAL
RL Voltage	-	[1]
RL Amperage	-	[1]
Total ESP	-	0.16”
Fan Inlet SP	-	-0.16”
Fan Discharge SP	-	ATM

Completed By: Ben Searles on 05/22/2025

Notes:
[1] LIGHTSWITCH STYLE CONTROLLER - UNABLE TO READ VOLTS AND AMPS

Written By: Ben Searles on 05/22/2025

Unit Data - PHOTO LOG

05/22/2025

National TAB

Project: 04-28-25 CULVERS ROCKMART, GA

System/Unit: FAN - Exhaust

Asset: EF2 AREA:MOP ROOM

Unit Data		
	Design	**Actual**
MFG	ACCUREX	ACCUREX
Model Num	XCR-B80	XCR-B80
Serial Num	-	26036197
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	**Actual**
CFM	75	69
Fan Rotation	-	CCW
System SetPt	-	HIGH

Motor Data		
	Design	**Actual**
Motor MFG	-	GREENHECK
Frame	-	N/L
Horsepower	-	N/L
Motor Rpm	-	900
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	0.16
Service Factor	-	N/L

Completed By: Ben Searles on 05/20/2025

Unit Data - PHOTO LOG

05/20/2025

National TAB

Project: 04-28-25 CULVERS ROCKMART, GA

System/Unit: FAN - Exhaust

Asset: EF3 AREA:EMPLOYEE RR

Unit Data		
	Design	**Actual**
MFG	ACCUREX	ACCUREX
Model Num	XCR-B80	XCR-B80
Serial Num	-	26036196
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Test Data		
	Design	**Actual**
CFM	75	81
Fan Rotation	-	CCW
System SetPt	-	MED-HIGH

Motor Data		
	Design	**Actual**
Motor MFG	-	GREENHECK
Frame	-	N/L
Horsepower	-	N/L
Motor Rpm	-	900
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	0.16
Service Factor	-	N/L

Completed By: Ben Searles on 05/20/2025

Unit Data - PHOTO LOG

05/20/2025

National TAB

Project: 04-28-25 CULVERS ROCKMART, GA

System/Unit: FAN - Exhaust

Asset: KEF1 AREA:GRIDDLE HOOD FAN

Unit Data		
	Design	**Actual**
MFG	ACCUREX	ACCUREX
Model Num	XRUB-161XP-15	XCUE-140-10-VG
Serial Num	-	26137925
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	VARI-GREEN
Frame	-	N/L
Horsepower	1.5	1
Motor Rpm	1725	1750
Phase	3	1
Voltage (rated)	208	115
Amperage (rated)	-	11.5
Service Factor	-	N/L

Test Data		
	Design	**Actual**
CFM	1500	1518
Fan RPM	-	1085
Fan Rotation	-	CCW
Motor RPM	-	1085
RL Voltage	-	121
RL Amperage	-	7.2
Suction ESP	-	-0.76"
Discharge ESP	-	ATM
Total ESP	1.00"	0.76"

Completed By: Ben Searles on 05/20/2025

Unit Data - PHOTO LOG

05/20/2025

National TAB

Project: 04-28-25 CULVERS ROCKMART, GA

System/Unit: FAN - Exhaust

Asset: KEF2 AREA:FRYER HOOD FAN

Unit Data		
	Design	**Actual**
MFG	ACCUREX	ACCUREX
Model Num	XRUB-141-7	XCUE-140-10-VG
Serial Num	-	26137927
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	VARI-GREEN
Frame	-	N/L
Horsepower	.75	1
Motor Rpm	1725	1750
Phase	3	1
Voltage (rated)	208	115
Amperage (rated)	-	11.5
Service Factor	-	N/L

Test Data		
	Design	**Actual**
CFM	1500	1499
Fan RPM	-	1138
Fan Rotation	-	CCW
Motor RPM	-	1138
RL Voltage	-	120
RL Amperage	-	7.8
Suction ESP	-	-0.88"
Discharge ESP	-	ATM
Total ESP	1.00"	0.88"

Completed By: Ben Searles on 05/02/2025

Unit Data - PHOTO LOG

05/20/2025

National TAB

Project: 04-28-25 CULVERS ROCKMART, GA

System/Unit: FAN - Exhaust

Asset: KEF3 AREA:KITCHEN HOOD FAN

Unit Data		
	Design	**Actual**
MFG	ACCUREX	ACCUREX
Model Num	XRED-090-D	XRED-090-D
Serial Num	-	26137928
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	MCMILLAN ELECTRIC
Frame	-	N/L
Horsepower	.15	1/8
Motor Rpm	1550	1550
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	2.6
Service Factor	-	N/L

Test Data		
	Design	**Actual**
CFM	350	369
Fan Rotation	-	CCW
System SetPt	-	MEDIUM
RL Voltage	-	121
RL Amperage	-	2.5
Total ESP	0.50"	0.39"
Fan Inlet SP	-	-0.39"
Fan Discharge SP	-	ATM

Completed By: Ben Searles on 05/22/2025

Notes:
SPEED CONTROLLER INSTALLED AT THE DISHWASHER

Written By: Ben Searles on 05/22/2025

Unit Data - PHOTO LOG

05/20/2025

National TAB

Project: 04-28-25 CULVERS ROCKMART, GA

System/Unit: Kitchen Hood Type I

Asset: HD1 AREA:GRIDDLE HOOD

Unit Data		
	Design	**Actual**
MFG	CAPTIVAIRE	CAPTIVAIRE
Model Num	XGEP-64-S	XGEP-64-S
Job / Serial Num	-	26135583
Type	TYPE I - LOW PROXIMITY	TYPE I - LOW PROXIMITY
Hood length	64"	64"
Hood Width	23"	23"

Test Data Exhaust		
	Design	**Actual**
Filter Type	X-TRACTOR SPARK	X-TRACTOR SPARK
Filter Size 1	16X16	16X16
Filter Qty 1	4	4
Filter AK factor size 1	1.53	1.53
Filter Total AK Area	6.12	6.12
Filter1 FPM	-	273
Filter2 FPM	-	215
Filter3 FPM	-	239
Filter4 FPM	-	265
Filter Ave FPM(corr)	-	248
CFM	1500	1518

Cooking Equipment	
	Actual
Item 1	GRIDDLE

Completed By: Ben Searles on 05/20/2025

Unit Data - PHOTO LOG

05/20/2025

National TAB

Project: 04-28-25 CULVERS ROCKMART, GA

System/Unit: Kitchen Hood Type I

Asset: HD2 AREA:FRYER HOOD

Unit Data		
	Design	**Actual**
MFG	CAPTIVAIRE	CAPTIVAIRE
Model Num	XXEP-83-S	XXEP-83-S
Job / Serial Num	-	26135578
Type	TYPE I - LOW PROXIMITY	TYPE I - LOW PROXIMITY
Hood length	83"	83"
Hood Width	23"	23"

Test Data Exhaust		
	Design	**Actual**
Filter Type	X-TRACTOR SPARK	X-TRACTOR SPARK
Filter Size 1	16X16	16X16
Filter Qty 1	5	5
Filter AK factor size 1	1.53	1.53
Filter Total AK Area	7.65	7.65
Filter1 FPM	-	209
Filter2 FPM	-	191
Filter3 FPM	-	192
Filter4 FPM	-	189
Filter5 FPM	-	201
Filter Ave FPM(corr)	-	196
CFM	1500	1499

Cooking Equipment	
	Actual
Item 1	OPEN FRYER
Item 2	OPEN FRYER

Completed By: Ben Searles on 05/20/2025

Unit Data - PHOTO LOG

05/20/2025

National TAB

Project: 04-28-25 CULVERS ROCKMART, GA

System/Unit: Kitchen Hood Type II

Asset: HD(Type2)1 AREA:HOOD #3

Unit Data		
	Design	**Actual**
MFG	ACCUREX	ACCUREX
Model Num	XD3-42-S	XD3-42-S
Serial Num	-	26135574
Type	TYPE II - CANOPY	TYPE II - CANOPY
Hood length	42"	42"
Hood Width	42"	42"

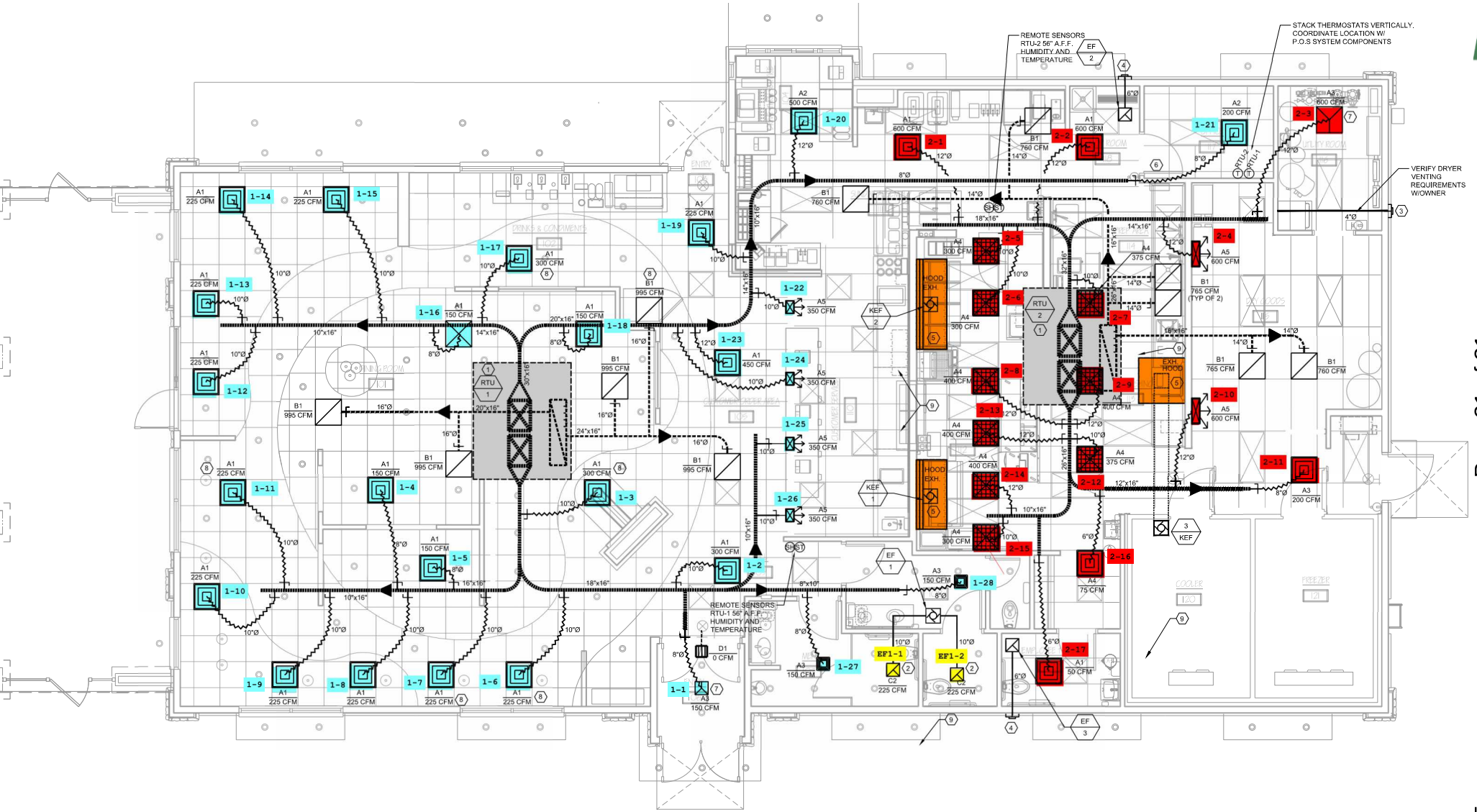
Test Data		
	Design	**Actual**
Exhaust VEL(corr)	-	1086
Exhaust CFM	350	369

Cooking Equipment	
	Actual
Item 1	DISHWASHER

Completed By: Ben Searles on 05/22/2025

Unit Data - PHOTO LOG

05/20/2025



H.V.A.C. LEGEND:

- SUPPLY DIFFUSER
- RETURN AIR GRILLE

H.V.A.C. KEYNOTES:

1. ROUTE FULL SIZE PVC CONDENSATE DRAIN LINE FROM RTU V... P-TRAP TO NEAREST ROOF DRAIN OR GUTTER.
2. ROUTE GALV. STEEL EXHAUST DUCT FROM EXHAUST GRILLE ... FAN AT ROOF.

Date: 5/22/2025