Report By:

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

Report: INSPECTION REPORT

Function: Test, Adjust, & Balance

Date: 09/25/2024

PROJECT

09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA Blairs Ferry Rd (IA) FSU) NEW STORE

3241 Blairs Ferry Road NE

CEDAR RAPIDS, IA 52402

Client

Chick-fil-A (CFA)

5200 BUFFINGTON ROAD

ATLANTA, GA 30349-2998

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Project: 09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA Blairs Ferry Rd (IA) FSU) NEW STORE

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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.

Inspections and Commissioning Light
The HVAC equipment, ductwork, and other building assets were inspected per Chick Fil A requirements. The results of this inspection is included in checklists within the report. Operational tests were also performed on the HVAC controls to ensure occupied and unoccupied sequence of operation.

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.

Kitchen Exhaust Hood & Associated Fans (Halton)
Each kitchen exhaust fan was measured by taking static pressure at the exhaust plenum and comparing to OEM performance data. The total flow of the exhaust was then adjusted to tolerance of the engineer's design flow.

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 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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Project: 09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

System/Unit: AHU/RTU

Asset: AC1 AREA:KITCHEN

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Serial Num	-	242810680D
Model Num	YSJ300A3S	YSJ300A3S
Type	AC	AC
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	65X17
Num Final Filter 1	-	8
Final Filter Size 1	-	20X24X2

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Horsepower	3.1	3.0
Motor Rpm	-	1850
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	8.8

Test Data		
	Design	**Actual**
SF CFM	8125	8286
SF RPM	-	1424
RA CFM	6375	6582
OA CFM	1750	1704
RL Voltage	-	213/213/213
RL Amperage	-	8.4/8.3/8.6
SF Rotation	-	CORRECT
SF System SetPt	-	77%
RA Damper Position	-	MECHANICALLY LINKED
Min OA Damper Position	-	31%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	5.0

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.31"
Fan Suction SP	-	-1.18"
Fan Discharge SP	-	0.19"
Total ESP	0.80"	0.50"
Fan Total SP	-	1.37"

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

Unit Data - PHOTO LOG

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Project:09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

AHU/RTU

Diffuser Supply (GRD)

AC1/KITCHEN

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	KITCHEN	A	12"	425	1.0	432	437	459	108.0
SGRD2	KITCHEN	A	16"	770	1.0	804	832	780	101.3
SGRD3	KITCHEN	A	16"	770	1.0	843	894	731	94.9
SGRD4	KITCHEN	A	16"	770	1.0	967	983	827	107.4
SGRD5	KITCHEN	A	16"	770	1.0	946	999	788	102.3
SGRD6	KITCHEN	A	16"	770	1.0	491	497	788	102.3
SGRD7	KITCHEN	A	16"	770	1.0	609	636	822	106.8
SGRD8	KITCHEN	A	16"	770	1.0	694	737	815	105.8
SGRD9	KITCHEN	A	16"	770	1.0	727	778	748	97.1
SGRD10	KITCHEN	A	16"	770	1.0	611	634	755	98.1
SGRD11	KITCHEN	A	16"	770	1.0	886	896	773	100.4
Total				8125		8010	8323	8286	101.98%

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Project: 09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

System/Unit: AHU/RTU

Asset: AC2 AREA:DRIVE-THRU

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Serial Num	-	242912972L
Model Num	YSJ150A3S	YSJ150A3S
Type	AC	AC
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	37x24
Num Final Filter 1	-	3
Final Filter Size 1	-	18X24X2
Num Final Filter 2	-	3
Final Filter Size 2	-	18X18X2

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Horsepower	4.6	5.0
Motor Rpm	-	1940
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	11.0

Test Data		
	Design	**Actual**
SF CFM	4375	4380
SF RPM	-	1475
RA CFM	3300	3346
OA CFM	1075	1034
RL Voltage	-	213/213/213
RL Amperage	-	5.2/5.1/5.1
SF Rotation	-	CORRECT
SF System SetPt	-	76%
RA Damper Position	-	MECHANICALLY LINKED
Min OA Damper Position	-	32%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	5.0

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.34"
Fan Suction SP	-	-1.17"
Fan Discharge SP	-	0.36"
Total ESP	0.80"	0.70"
Fan Total SP	-	1.53"

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

Unit Data - PHOTO LOG

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Project:09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

AHU/RTU

Diffuser Supply (GRD)

AC2/DRIVE-THRU

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	DRIVE THRU	A	16"	875	1.0	713	769	875	100.0
SGRD2	DRIVE THRU	A	16"	875	1.0	848	875	853	97.5
SGRD3	DRIVE THRU	A	16"	875	1.0	820	893	862	98.5
SGRD4	DRIVE THRU	A	16"	875	1.0	846	889	889	101.6
SGRD5	DRIVE THRU	A	16"	875	1.0	873	917	901	103.0
Total				4375		4100	4343	4380	100.11%

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Project: 09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

System/Unit: AHU/RTU

Asset: AC3 AREA:DINING

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Serial Num	-	241610485D
Model Num	YSJ180A3S	YSJ180A3S
Type	AC	AC
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	17X65
Num Final Filter 1	-	8
Final Filter Size 1	-	20X24X2

Motor Data		
	Design	**Actual**
Motor MFG	-	EBMPAPST
Horsepower	3.1	3.0
Motor Rpm	-	1850
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	8.8

Test Data		
	Design	**Actual**
SF CFM	5250	5262
SF RPM	-	1165
RA CFM	3975	3957
OA CFM	1275	1305
RL Voltage	-	213/213/213
RL Amperage	-	4.4/4.4/4.5
SF Rotation	-	CORRECT
SF System SetPt	-	63%
RA Damper Position	-	MECHANICALLY LINKED
Min OA Damper Position	-	22%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	5.0

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.35"
Fan Suction SP	-	-0.84"
Fan Discharge SP	-	0.48"
Total ESP	0.80"	0.83"
Fan Total SP	-	1.32"

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

Unit Data - PHOTO LOG

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Project:09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

AHU/RTU

Diffuser Supply (GRD)

AC3/DINING

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	SERVICE	D	8"	150	1.0	170	195	159	106.0
SGRD2	SERVICE	D	8"	150	1.0	194	224	162	108.0
SGRD3	SERVING	A	10"	325	1.0	320	356	340	104.6
SGRD4	SERVING	A	10"	325	1.0	297	340	316	97.2
SGRD5	ENTRY VESTIBULE	C	12"	400	1.0	470	556	418	104.5
SGRD6	SERVING	A	10"	325	1.0	340	398	320	98.5
SGRD7	DINING	D	10"	250	1.0	283	331	261	104.4
SGRD8	DINING	A	10"	325	1.0	249	273	299	92.0
SGRD9	DINING	A	10"	330	1.0	235	259	316	95.8
SGRD10	DINING	A	10"	330	1.0	251	300	343	103.9
SGRD11	DINING	A	10"	330	1.0	287	322	346	104.8
SGRD12	DINING	A	10"	330	1.0	261	297	343	103.9
SGRD13	DINING	A	10"	325	1.0	218	246	298	91.7
SGRD14	DINING	A	10"	325	1.0	225	273	324	99.7
SGRD15	DINING	A	10"	330	1.0	298	348	324	98.2
SGRD16	EXIT VESTIBULE	C	8"	200	1.0	174	191	198	99.0
SGRD17	DINING	D	10"	250	1.0	153	170	227	90.8
SGRD18	CORRIDOR	A	6"	50	1.0	90	109	55	110.0
SGRD19	MENS RR	J	8"	100	1.0	87	109	105	105.0
SGRD20	WOMENS RR	J	8"	100	1.0	115	122	108	108.0
Total				5250		4717	5419	5262	100.23%

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Project: 09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

System/Unit: AHU/RTU

Asset: AC4 AREA:BOH

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Serial Num	-	242412785L
Model Num	YHC067E3R	YHC067E3R
Type	AC	AC
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	37X24
Num Final Filter 1	-	4
Final Filter Size 1	-	16X25X2

Motor Data		
	Design	**Actual**
Motor MFG	-	GENTEQ
Horsepower	1	1.0
Phase	3	1
Rated Voltage	208	208
Rated Amperage	-	9.40

Test Data		
	Design	**Actual**
SF CFM	1750	1758
SF RPM	-	DD
RA CFM	1325	1361
OA CFM	425	397
RL Voltage	-	213
RL Amperage	-	1.4
SF Rotation	-	CORRECT
SF System SetPt	-	0.7 VDC
RA Damper Position	-	MECHANICALLY LINKED DAMPER
Min OA Damper Position	-	HIGH: 14% MED: 22% LOW: 37%
Min OA Damper Type	-	EONOMIZER
OA Enthalpy Setpt	-	E

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.28"
Fan Suction SP	-	-0.49"
Fan Discharge SP	-	0.16"
Total ESP	0.80"	0.44"
Fan Total SP	-	0.65"

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

Unit Data - PHOTO LOG

tmp_7c184a10_df39_431..

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Project:09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

AHU/RTU

Diffuser Supply (GRD)

AC4/BOH

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	RISER ROOM	A	12"	375	1.0	401	353	381	101.6
SGRD2	OFFICE	B	12"	350	1.0	386	328	365	104.3
SGRD3	SERVICE	A	10"	325	1.0	429	378	335	103.1
SGRD4	STORAGE	J	6"	50	1.0	108	92	54	108.0
SGRD5	TEAM MEMBER ROOM	A	12"	325	1.0	267	243	298	91.7
SGRD6	TEAM MEMBER ROOM	A	12"	325	1.0	423	382	325	100.0
Total				1750		2014	1776	1758	100.46%

Diffuser Ret/Exh (GRD)

AC4/BOH

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	RISER ROOM	F	10"	325	1.0	224	326	326	100.3
EGRD2	OFFICE	F	12"	300	1.0	308	297	297	99.0
EGRD3	SERVICE	F	10"	150	1.0	199	154	154	102.7
EGRD4	TEAM MEMBER ROOM	F	12"	550	1.0	515	584	584	106.2
Total				1325		1246	1361	1361	102.72%

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Project: 09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

System/Unit: FAN - Exhaust

Asset: EF1 AREA:HD-1

Unit Data		
	Design	**Actual**
MFG	HALTON	HALTON
Model Num	KEFB-14-CFA	KEFB-14-CFA
Serial Num	-	122682-053
Type	UTILITY	UTILITY
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	WEG
Frame	-	56
Horsepower	0.75	0.75
Motor Rpm	1750	1750
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	6.80
Service Factor	-	1.25

Drive Data	
	Actual
Motor Sheave Size	1VP56
Motor Bore Size	5/8"
Motor Sheave SetPt	3 TURNS OPEN
Fan Sheave Size	MB55
Fan Sheave Bore	1"
Belt CL Distance	8"
Num of Belts	1
Belt Size	BX39

Test Data		
	Design	**Actual**
CFM	1913	1964
Fan RPM	-	1644
Fan Rotation	-	CW, CORRECT
Motor RPM	-	1747
RL Voltage	-	122.8
RL Amperage	-	6.6
Suction ESP	-	-0.517"
Discharge ESP	-	ATM
Total ESP	-	0.517"

Unit Data - PHOTO LOG

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Project: 09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

System/Unit: FAN - Exhaust

Asset: EF2 AREA:HD-2 / HD-3

Unit Data		
	Design	**Actual**
MFG	HALTON	HALTON
Model Num	KEFB-14-CFA	KEFB-14-CFA
Serial Num	-	122682-082
Type	UTILITY	UTILITY
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	WEG
Frame	-	56
Horsepower	0.75	0.75
Motor Rpm	1750	1750
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	6.80
Service Factor	-	1.25

Drive Data	
	Actual
Motor Sheave Size	1VP56
Motor Bore Size	5/8"
Motor Sheave SetPt	3 TURNS OPEN
Fan Sheave Size	MB63
Fan Sheave Bore	1"
Belt CL Distance	8"
Num of Belts	1
Belt Size	BX40

Test Data		
	Design	**Actual**
CFM	1402	1416
Fan RPM	-	1448
Fan Rotation	-	CW, CORRECT
Motor RPM	-	1770
RL Voltage	-	122.6
RL Amperage	-	4.9
Suction ESP	-	-0.75"
Discharge ESP	-	ATM
Total ESP	0.95"	0.75"

Unit Data - PHOTO LOG

tmp_fffd58af_1268_4d7..

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Project: 09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

System/Unit: FAN - Exhaust

Asset: EF3 AREA:RESTROOMS

Unit Data		
	Design	**Actual**
MFG	ACCUREX	ACCUREX
Model Num	XRED-095-VG	XRED-095-VG
Serial Num	-	23617590
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	VARI-GREEN
Horsepower	0.125"	1/6
Motor Rpm	1550	300-1750
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	2.2

Test Data		
	Design	**Actual**
CFM	300	325
Fan RPM	-	DD
Fan Rotation	-	CW, CORRECT
Motor RPM	-	DD
System SetPt	-	"5" ON SPEED CONTROLLER
RL Voltage	-	121.2
RL Amperage	-	0.1
Total ESP	0.375"	0.206"
Fan Inlet SP	-	-0.206"
Fan Discharge SP	-	ATM

Unit Data - PHOTO LOG

tmp_817bc45f_f753_442..

Test Data - PHOTO LOG

tmp_fccf8b97_8a46_4b9..

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Project:09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF3/RESTROOMS

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	WOMENS RR	J	8"	150	1.0	162	162	162	108.0
EGRD2	MENS RR	J	8"	150	1.0	163	163	163	108.7
Total				300		325	325	325	108.33%

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Project: 09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

System/Unit: Kitchen Hood Type I

Asset: HD2 AREA:

Unit Data		
	Design	**Actual**
MFG	HALTON	HALTON
Model Num	KVL-C-IC	KVL-C-IC
Job / Serial Num	-	122682-705
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	42"	42"
Hood Width	34"	34"

Test Data Supply		
	Design	**Actual**
TAB SP	0.29"	0.201" [1]

Test Data Exhaust		
	Design	**Actual**
Filter Size 1	SS FILTERS (KSA)	SS FILTERS (KSA)
Filter Qty 1	2	2
TAB SP	0.295"	0.306"
CFM	701	714

Cooking Equipment	
	Actual
Item 1	FRYER

Unit Data - PHOTO LOG

tmp_08c6edd2_698c_4f6..

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Notes:
[1] REDUCED FOR HOOD PERFORMANCE

Written By: Michael McDonnell on 09/23/2024

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Project: 09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

System/Unit: Kitchen Hood Type I

Asset: HD3 AREA:

Unit Data		
	Design	**Actual**
MFG	HALTON	HALTON
Model Num	KVL-C-IC	KVL-C-IC
Job / Serial Num	-	122682-756
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	42"	42"
Hood Width	34"	34"

Test Data Supply		
	Design	**Actual**
TAB SP	0.29"	0.206" [1]

Test Data Exhaust		
	Design	**Actual**
Filter Size 1	SS FILTERS (KSA)	SS FILTERS (KSA)
Filter Qty 1	2	2
TAB SP	0.295"	0.296"
CFM	701	702

Cooking Equipment	
	Actual
Item 1	FRYER

Unit Data - PHOTO LOG

tmp_c869bfc6_a1c5_495..

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Notes:
[1] REDUCED FOR HOOD PERFORMANCE

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Project: 09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

System/Unit: Kitchen Hood Type I

Asset: HD-L1 AREA:

Unit Data		
	Design	**Actual**
MFG	HALTON	HALTON
Model Num	KCL-2-IC	KCL-2-IC
Job / Serial Num	-	122682-622
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	107"	107"
Hood Width	37"	37"

Test Data Supply		
	Design	**Actual**
TAB SP	0.30"	0.304"

Test Data Exhaust		
	Design	**Actual**
Filter Size 1	SS FILTERS (KSA)	SS FILTERS (KSA)
Filter Qty 1	5	5
TAB SP	0.128"	0.135"
CFM	1204	1236

Cooking Equipment	
	Actual
Item 1	PRESSURE FRYER
Item 2	GRILL

Unit Data - PHOTO LOG

tmp_6f0b2ac9_c18a_4cd..

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National TAB

Project: 09-23-24 CHICK-FIL-A #05649 - CEDAR RAPIDS, IA
Blairs Ferry Rd (IA) FSU) NEW STORE

System/Unit: Kitchen Hood Type I

Asset: HD-R1 AREA:

Unit Data		
	Design	**Actual**
MFG	HALTON	HALTON
Model Num	KCL-2-IC	KCL-2-IC
Job / Serial Num	-	122682-663
Type	TYPE I CANOPY	TYPE I CANOPY
Hood length	37"	37"
Hood Width	63"	63"

Test Data Supply		
	Design	**Actual**
TAB SP	0.30"	0.305"

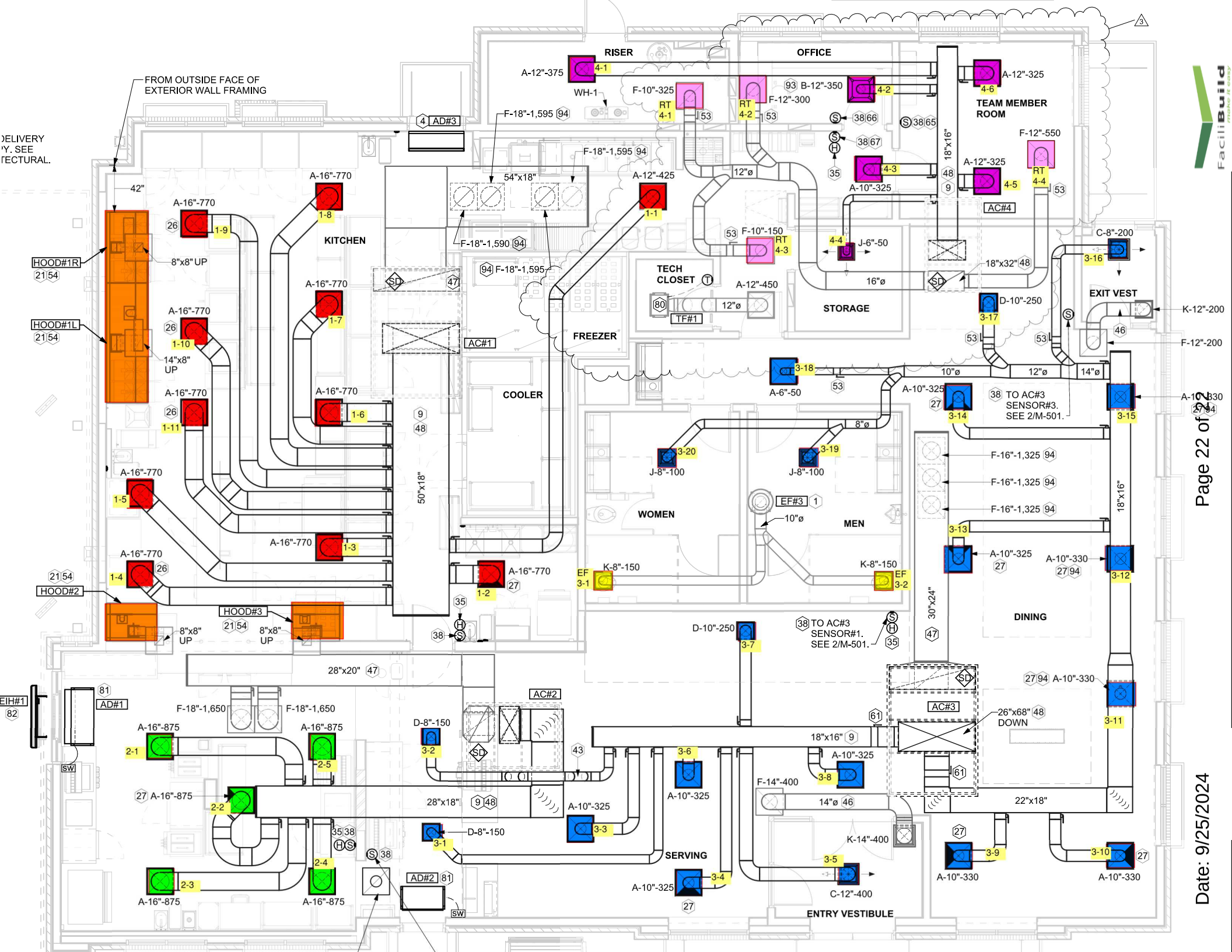
Test Data Exhaust		
	Design	**Actual**
Filter Size 1	SS FILTERS (KSA)	SS FILTERS (KSA)
Filter Qty 1	3	3
TAB SP	0.129"	0.136"
CFM	709	728

Cooking Equipment	
	Actual
Item 1	PRESSURE FRYER

Unit Data - PHOTO LOG

tmp_004d1041_f1aa_453..

Completed By: Michael McDonnell on 09/23/2024


FROM OUTSIDE FACE OF EXTERIOR WALL FRAMING
DELIVERY
Y. SEE
TECTURAL.
RISER
OFFICE
TEAM MEMBER ROOM
KITCHEN
COOLER
FREEZER
TECH CLOSET
STORAGE
EXIT VEST
WOMEN
MEN
DINING
SERVING
ENTRY VESTIBULE
HOOD#1R
HOOD#1L
HOOD#2
HOOD#3
AC#1
AC#2
AC#3
AC#4
AD#1
AD#2
AD#3
EF#3
TF#1
WH-1
A-12"-375
A-12"-325
A-12"-425
A-12"-450
A-10"-325
A-10"-330
A-16"-770
A-16"-875
B-12"-350
F-12"-300
F-12"-550
F-12"-200
F-10"-325
F-10"-150
F-18"-1,595
F-18"-1,590
F-18"-1,650
F-16"-1,325
F-14"-400
D-10"-250
D-8"-150
C-8"-200
C-12"-400
K-12"-200
K-8"-150
K-14"-400
A-6"-50
J-8"-100
J-6"-50
54"x18"
18"x16"
18"x32"
26"x68" DOWN
30"x24"
28"x20"
28"x18"
22"x18"
50"x18"
42"
8"x8" UP
14"x8" UP
TO AC#3 SENSOR#3. SEE 2/M-501.
TO AC#3 SENSOR#1. SEE 2/M-501.
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Date: 9/25/2024