Report By:

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

Report: TAB Report

Function: Test, Adjust, & Balance

Date: 12/02/2025

Completed By: National TAB

PROJECT

11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

1694 BLANDING BLVD

MIDDLEBURG, FL 32068

Client

Chipotle Mexican Grill

610 Newport Center Drive, Suite 1100

Newport Beach, CA 92660

National TAB

Project: 11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

Table Of Contents

Project Summary

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.

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. . Any EF's that fell outside of this tolerance is noted throughout the report.

MUA (Make Up Air Unit) w/ PSP
Total flow for the MAU (Make-up Air Unit) unit was measured by readings taken at the discharge of the hood's perforated supply plenum. Readings taken with a velocity matrix were averaged and multiplied by a manufacturer's corrected area. Adjustments to the fan speed were made in order to bring the unit to within design tolerance. Any MUA's that fell outside of this 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.

Issue List

- Diffuser noise
- MAU leak above hood
- RTU2 Economizer

11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

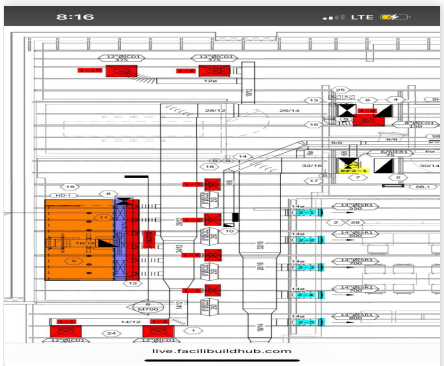
Project Issue Information

Issue Name : Diffuser noise

Description : Diffusers 8 9 and 10 (the office and dishwashing areas) create noise. Possibly due to 4 way deflectors. Not at a level likely to be noticeable or bothersome during store operation. No further action recommended at this time.

Created By :	National TAB	**Assigned To :**	National TAB - Dan Hertenstein
Status :	Open		
Priority :	InfoOnly	**Asset Tag :**	RTU 1
Originated Date :	11/26/2025 - Jackson Gunnels - National TAB		

Project Issue File Details



11/26/2025

11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

Project Issue Information

Issue Name : MAU leak above hood

Description : There is a moderate air leak where the middle PSP riser joins to the hood.

Created By : National TAB

Assigned To : National TAB - Dan Hertenstein

Status : Open

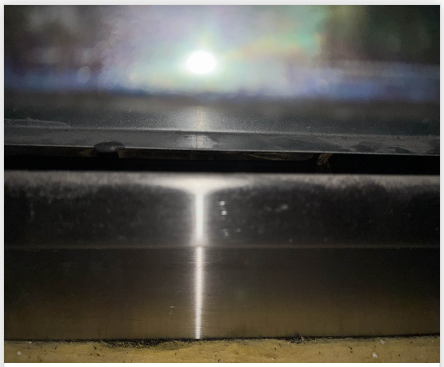
Priority : Urgent

Asset Tag :

Originated Date : 11/26/2025 - Jackson Gunnels - National TAB

Project Issue File Details

11/26/2025



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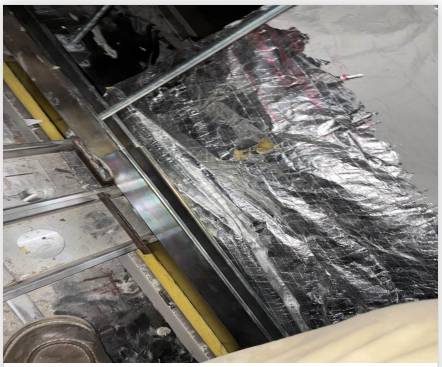

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11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

Project Issue Information

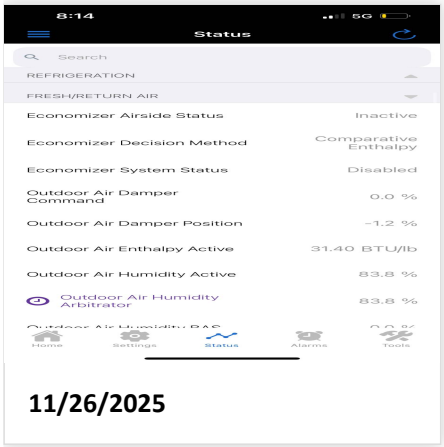
Issue Name : RTU2 Economizer

Description : Unit 2 ECONOMIZER does not respond to commands. Returns value of -1.3. Inspected actuator connector, wiring is correct.

Created By :	National TAB	**Assigned To :**	National TAB - Dan Hertenstein
Status :	Open		
Priority :	Urgent	**Asset Tag :**	RTU2

Originated Date : 11/26/2025 - Jackson Gunnels - National TAB

Project Issue File Details



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	KITCHEN	3500	3499	3000	2981	500	518	14.3%	14.8%						
RTU-2	DINING	4400	4394	3400	4268	1000	126	22.7%	2.9%						
MUA-1	KITCHEN HD									1300	1353				
EF-1	KITCHEN HD											2550	2479		
EF-2	RESTROOM													150	153
TOTALS		7900	7893	6400	7249	1500	644			1300	1353	2550	2479	150	153

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2800	1997
TOTAL EXHAUST	2700	2632
NET AIRFLOW	100	-635

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	-0.051
SIDE	-0.05
REAR	-0.052
AVERAGE	**-0.051**

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:

RTU2 economizer non-functional.

National TAB

Project: 11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

System/Unit: AHU/RTU

Asset: RTU 1 AREA:KITCHEN

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Serial Num	-	25133000L
Model Num	YSJ120	YSJ120A3SOL0AH0C0A2A1
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	36X14.25
Num Final Filter 1	-	3
Final Filter Size 1	-	16X20X2
Num Final Filter 2	-	2
Final Filter Size 2	-	18X20X2

Motor Data		
	Design	**Actual**
Horsepower	-	3.0
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	8.8

Drive Data	
	Actual
Motor Sheave SetPt	DIRECT DRIVE

Test Data		
	Design	**Actual**
SF CFM	3500	3501
SF RPM	-	1263
RA CFM	3000	2981
OA CFM	500	518
RL Voltage	-	204/207/206
RL Amperage	8.8	3.5/3.5/3.5
SF Rotation	-	CORRECT
SF System SetPt	-	68.3
RA Damper Position	-	90%
Min OA Damper Position	-	10%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	28 BTU/LB

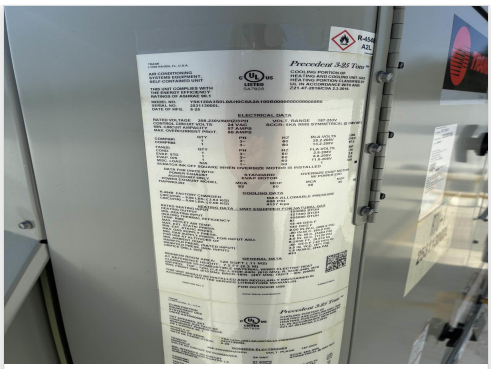
Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.52”
Fan Suction SP	-	-0.89”
Fan Discharge SP	-	0.78”
Total ESP	0.80"	1.3
Fan Total SP	-	1.67

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

Completed By: Jackson Gunnels on 11/30/2025

Unit Data - PHOTO LOG

11/30/2025



11/30/2025

National TAB

Project:11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

AHU/RTU

Diffuser Supply (GRD)

RTU 1/KITCHEN

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	KITCHEN	CD1	12"	450	1	652	520	487	108.2
SGRD2	KITCHEN	CD1	12"	450	1	457	534	466	103.6
SGRD3	KITCHEN	CD2	8"	250	1	188	290	268	107.2
SGRD4	KITCHEN	CD2	8"	250	1	205	293	271	108.4
SGRD5	KITCHEN HD	ACPSP	165X6	696	5.363	697	697	671	96.4
SGRD6	KITCHEN	CD2	8"	250	1	253	266	241	96.4
SGRD7	KITCHEN	CD2	8"	250	1	194	251	242	96.8
SGRD8	OFFICE	CD1	8"	150	1	183	147	149	99.3
SGRD9	BOH	CD1	12"	375	1	644	371	360	96.0
SGRD10	BOH	CD1	12"	375	1	503	346	346	92.3
Total				3496		3976	3715	3501	100.14%

National TAB

Project: 11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

System/Unit: AHU/RTU

Asset: RTU2 AREA:DINING

Unit Data		
	Design	**Actual**
MFG	TRANE	TRANE
Serial Num	-	25312141L
Model Num	YSJ150	YSJ150A3S0M0AH0C0A2A100B
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	36X14.25
Num Final Filter 1	-	3
Final Filter Size 1	-	16X20X2
Num Final Filter 2	-	2
Final Filter Size 2	-	18X20X2

Motor Data		
	Design	**Actual**
Horsepower	-	5.0
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	11.0

Drive Data	
	Actual
Motor Sheave SetPt	DIRECT DRIVE

Test Data		
	Design	**Actual**
SF CFM	4400	4394
SF RPM	-	1322
RA CFM	3400	4268
OA CFM	1000	126
RL Voltage	-	205/206/206
RL Amperage	-	4.25/4.15/4.21
SF Rotation	-	CORRECT
SF System SetPt	-	68.1
RA Damper Position	-	100
Min OA Damper Position	-	0
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	28 BTU/LB

Performance Data		
	Design	**Actual**
MA Plenum SP	-	-0.54”
Fan Suction SP	-	-0.84
Fan Discharge SP	-	0.64”
Total ESP	0.80"	
Fan Total SP	-	

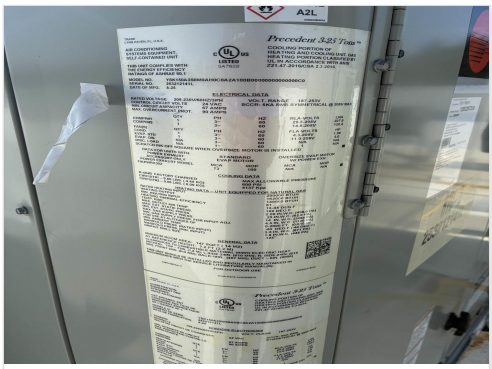
General	
	Actual
Fan Rotation Correct	CORRECT
Unit Filters Clean	CLEAN
Condensate Drain Installed	YES

Completed By: Jackson Gunnels on 11/30/2025

Notes:
Economizer non-functional

Written By: Jackson Gunnels on 11/25/2025

Unit Data - PHOTO LOG



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National TAB

Project:11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

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	DINING	SR1	14"	550	1	533	686	546	99.3
SGRD2	DINING	SR1	14"	600	1	663	736	658	109.7
SGRD3	DINING	SR1	14"	700	1	799	855	706	100.9
SGRD4	DINING	SR1	14"	700	1	887	695	648	92.6
SGRD5	DINING	SR1	14"	800	1	912	934	806	100.8
SGRD6	DINING	SR2	18/6	500	1.405	390	422	494	98.8
SGRD7	DINING	SR2	18/6	500	1.405	491	530	485	97.0
SGRD8	RESTROOM	CD3	6"	50	1	70	60	51	102.0
Total				4400		4745	4918	4394	99.86%

Asset	Notes	Date	Written By
SGRD6	Unable to read with hood. Read with velgrid and traversed to establish k factor of 1.405.	11/25/2025	Jackson Gunnels
SGRD7	Unable to read with hood. Read with velgrid and traversed to establish k factor of 1.405.	11/25/2025	Jackson Gunnels

National TAB

Project: 11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

System/Unit: FAN - Exhaust

Asset: EF1 AREA:KITCHEN HD

Unit Data		
	Design	**Actual**
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	DU180HFA	DU180HFA
Serial Num	-	7431687
Type	UPBLAST	CENTRIFUGAL
Configuration	VERTICAL	UPBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO-WESTINGHOUSE
Frame	-	184T
Horsepower	2.00	2.00
Motor Rpm	-	1165
Phase	3	3
Voltage (rated)	208	230
Amperage (rated)	-	6.56
Service Factor	-	1.15

Test Data		
	Design	**Actual**
CFM	2550	2479
Fan RPM	1220	1133
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	55.7
RL Voltage	-	121
RL Amperage	-	5.2
Total ESP	1.450"	0.91"
Fan Inlet SP	-	-0.91"
Fan Discharge SP	-	ATM”

Completed By: Jackson Gunnels on 11/25/2025

Unit Data - PHOTO LOG

11/30/2025

11/30/2025

Motor Data - PHOTO LOG

11/30/2025

National TAB

Project: 11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

System/Unit: FAN - Exhaust

Asset: EF2 AREA:RESTROOM

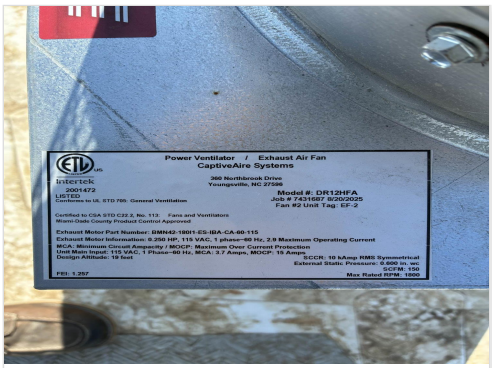
Unit Data		
	Design	**Actual**
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	DR12HFA	DR12HFA
Serial Num	-	7431687
Type	DOWNBLAST	CENTRIFUGAL
Configuration	VERTICAL	DOWNBLAST

Motor Data		
	Design	**Actual**
Motor MFG	-	TELCO-GREEN
Horsepower	0.250	0.250
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	2.9

Test Data		
	Design	**Actual**
CFM	150	153
Fan RPM	1282	738
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	40
RL Voltage	-	120
RL Amperage	-	0.3
Total ESP	0.600"	0.11"
Fan Inlet SP	-	-0.11”
Fan Discharge SP	-	ATM

Completed By: Jackson Gunnels on 11/30/2025

Unit Data - PHOTO LOG



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Motor Data - PHOTO LOG

11/30/2025

11/30/2025

National TAB

Project:11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

FAN - Exhaust

Diffuser Ret/Exh (GRD)

EF2/RESTROOM

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	RESTROOM	ER1	6/6	75	1	132	128	79	105.3
EGRD2	RESTROOM	ER1	6/6	75	1	120	120	74	98.7
Total				150		252	248	153	102%

National TAB

Project: 11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

System/Unit: FAN - Supply

Asset: MAU 1 AREA:KITCHEN HD

Unit Data		
	Design	**Actual**
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	A1-D.250-15D	A1-D.250-15D
Serial Num	-	7431687
Type	MAU	MAU
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	**Actual**
Motor MFG	-	TECO-WESTINGHOUSE
Frame	-	143T
Horsepower	1.00	1.00
Motor Rpm	-	1740
Phase	3	3
Voltage (rated)	208	230
Amperage (rated)	-	2.9
Service Factor	-	1.15

Gas Heat		
	Design	**Actual**
Heater Operates (y/n)	-	y
Flame Status (pass/fail)	-	Pass
Inlet Air Temp SetPt	55	55
Discharge Air Temp SetPt	60	60
Air Flow Switch SP Actual	-	0.344

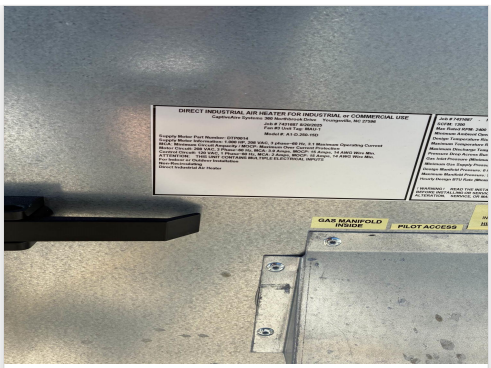
Test Data		
	Design	**Actual**
CFM	1300	1353
SF RPM	1546	1108
Motor RPM	-	DIRECT DRIVE
SF System SetPt	-	43
RL Voltage	-	116
RL Amperage	-	2.1
Total ESP	-	0.35”
Fan Discharge SP	-	ATM

General	
	Actual
Fan Rotation Correct	CORRECT

Completed By: Jackson Gunnels on 11/30/2025

Unit Data - PHOTO LOG

11/30/2025



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Motor Data - PHOTO LOG

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Project: 11-24-25 CHIPOTLE #5571 MIDDLEBURG, FL

System/Unit: Kitchen Hood Type I

Asset: HD1 AREA:KITCHEN

Unit Data		
	Design	**Actual**
MFG	CAPTIVE-AIRE	CAPTIVE-AIRE
Model Num	5424 ND-2-ACPSP-F	5424 ND-2-ACPSP-F
Job / Serial Num	-	7431687
Type	TYPE 1 CANOPY	TYPE 1 CANOPY
Hood length	153"	153'
Hood Width	54"	54"
Supply Plenum Type	-	ACPSP
Supply Plenum Width	9"	9'
Supply Plenum Length	165"	165"

Test Data Exhaust		
	Design	**Actual**
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLO
Filter Size 1	16X16	16X16
Filter Qty 1	9	9
Filter AK factor size 1	1.62	1.62
Filter Total AK Area	14.58	14.58
Filter1 FPM	-	158
Filter2 FPM	-	155
Filter3 FPM	-	163
Filter4 FPM	-	186
Filter5 FPM	-	192
Filter6 FPM	-	191
Filter7 FPM	-	183
Filter8 FPM	-	159
Filter9 FPM	-	147
Filter Ave FPM(corr)	-	170
CFM	2550	2479

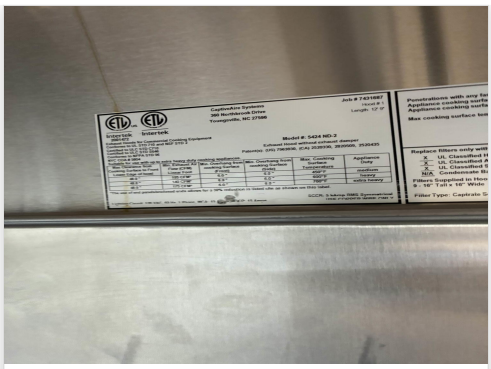
Cooking Equipment	
	Actual
Item 1	CLAMSHELL GRILL
Item 2	STOVE
Item 3	RICE COOKER
Item 4	FRYER

Test Data Supply		
	Design	**Actual**
Total Area	10.31	10.31
Kv factor (Vel)	0.81	0.81
Num of Readings	-	9
Reading1 FPM	-	127
Reading2 FPM	-	162
Reading3 FPM	-	148
Reading4 FPM	-	126
Reading5 FPM	-	139
Reading6 FPM	-	151
Reading7 FPM	-	192
Reading8 FPM	-	193
Reading9 FPM	-	218
Ave FPM(corr)	-	162
CFM	1300	1353

Completed By: Jackson Gunnels on 11/30/2025

Unit Data - PHOTO LOG

11/30/2025



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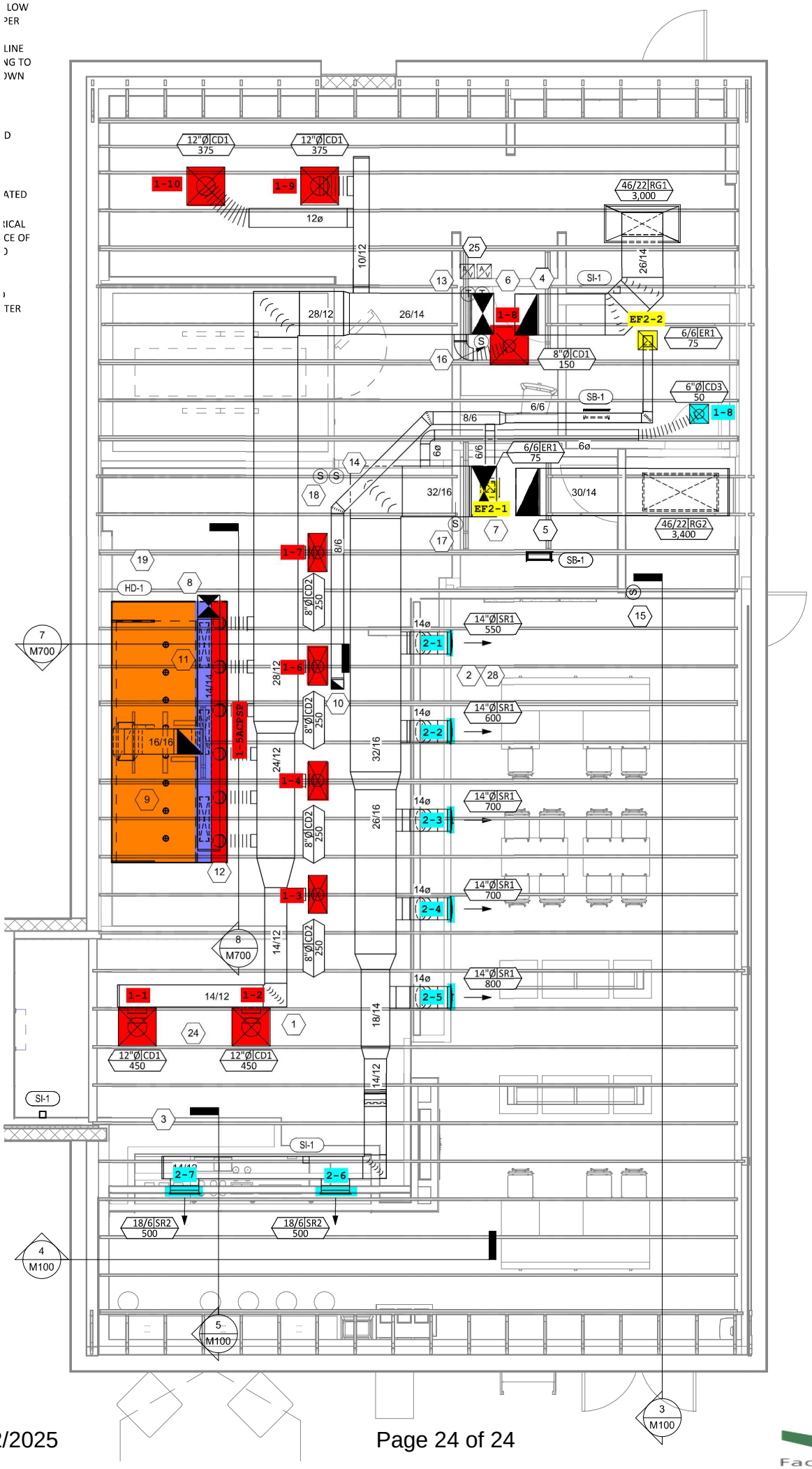
12"Ø CD1 375
12"Ø CD1 375
1-10
1-9
12ø
10/12
46/22 RG1 3,000
26/14
25
13
6
4
SI-1
28/12
26/14
1-8
EF2-2
6/6 ER1 75
16
8"Ø CD1 150
SB-1
6"Ø CD3 50
1-8
6/6
8/6
6ø
6/6
6/6 ER1 75
6ø
14
18
32/16
EF2-1
30/14
46/22 RG2 3,400
7
5
17
SB-1
19
HD-1
8
1-7
8/6
8"Ø CD2 250
15
14ø
14"Ø SR1 550
2-1
7 M700
11
28/12
1-6
2
28
10
14ø
14"Ø SR1 600
2-2
1-5ACPSP
16/16
24/12
32/16
1-4
9
14ø
14"Ø SR1 700
2-3
26/16
12
1-3
14ø
14"Ø SR1 700
2-4
8 M700
14/12
14ø
14"Ø SR1 800
2-5
1-1
14/12
1-2
18/14
24
1
12"Ø CD1 450
12"Ø CD1 450
14/12
SI-1
3
SI-1
2-7
2-6
18/6 SR2 500
18/6 SR2 500
4 M100
5 M100
3 M100