Double T Balancing Company, LLC

5910 S. University Blvd.
C-18, #354
Greenwood Village, CO 80121
303-660-0620
NEBB Certified Testing & Balancing

TEST, ADJUST & BALANCE REPORT

DATE
9/16/2025

PROJECT
1632 - Chipotle
Drake Rd. & College Ave.
Fort Collins, CO

ARCHITECT

DESIGN ENGINEER
Blanchard AE Group

CONTRACTED BY
National TAB
1329 E Kemper Rd., STE4210
Cincinnati, OH 45246

TAB FIRM
Double T Balancing Company
5910 S. University Blvd.
Greenwood Village, CO 80121
(303) 660-0620

DOUBLE T BALANCING COMPANY, LLC
5910 S. University Blvd.
C-18, #354
Greenwood Village, CO 80121
Phone: 303-660-0620

NEBB CERTIFIED TESTING & BALANCING

CERTIFICATION PAGE

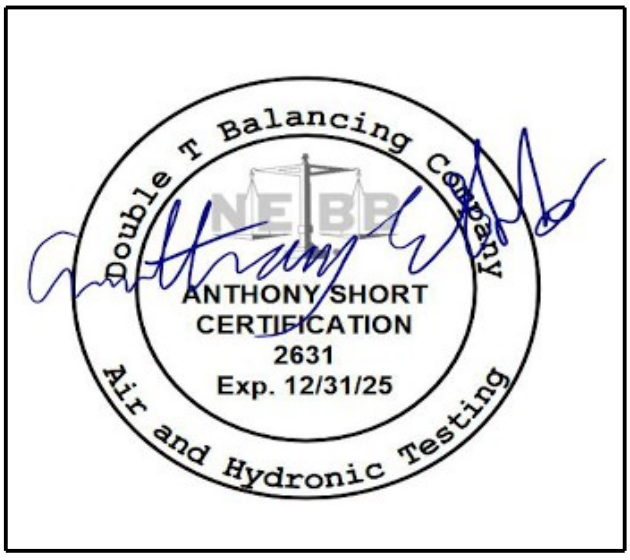
PROJECT NAME: 1632 - Chipotle
ADDRESS: Drake Rd. & College Ave.
Fort Collins, CO

The data presented in this report is a record of system measurements and final adjustments that have been obtained in accordance with the current edition of the NEBB Procedural Standard for Testing, Adjusting and Balancing of Environmental Systems. The measurements shown, and the information given, in this report are
certified to be accurate and complete, at the time and date information was gathered. Any variances from design quantities, which exceed NEBB tolerances, are noted in the TAB report project summary.

NEBB TAB FIRM Double T Balancing Company
REG NO. 2631 CERTIFIED BY Tony Short DATE 9/15/2025

SUBMITTED & CERTIFIED BY:

NEBB TAB FIRM Double T Balancing Company
TAB PROFESSIONAL
REG NO. 2631
CERTIFICATION EXPIRATION DATE 12/31/2025



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NEBB CERTIFIED TESTING & BALANCING

INSTRUMENT CALIBRATION LIST

INSTRUMENT	MANUFACTURER	MODEL / SERIAL #	CALIBRATION DATE	CALIBRATION DUE DATE
Flowhood Meter	Shortridge Instruments	ADM-860 / M97246	7/9/2025	7/9/2026
True RMS Meter	Fluke	325 / 44160325WS	7/9/2025	7/9/2026
Tachometer	Extech	461825 / Q669462	7/10/2025	7/10/2026

Certificate of Accredited and Traceable Calibration

LAERIE Calibration & Metrology Services	Laerie, Inc. Issues this Certificate of Calibration to:	**Certificate Number: 64578.5786**
	Double T Balancing	Customer Purchase Order:
	609 W Littelton Blvd #212 Littleton, CO 80120	Calibration Type: **CAL-2 NEBB**

For Asset: **M97246**

This calibration is traceable to the international system of units(SI), through National Institute of Standards and Technology (NIST).

Guard Banding and TUR Strategy, False-Accept Risk normal distribution and 95% confidence level typical with coverage factor of 2.

Double T Balancing : accepts and understands measurement uncertainties and risk assessment in all measurements involved in calibration.

Manufacturer	Model	Serial Number	Description	Calibrated	Int. MTh's	Re-Cal
Shortridge Instruments	ADM-860	M97246	Airdata Multimeter Electronic Micromanometer	9-Jul-2025	12	**9-Jul-2026**

C-Procedure	Environmental	As-Received Physical Condition(s)
LAP NEBB 2025	73.4°F ±9°F, 40 to 65%RH	1) As-Received Annual maintenance performed, nominal exterior cosmetic wear, exterior cleaned where possible, initial inspection PASS.
Calibration Event:		

2FL: NEBB Compliant Calibration performed published data no adjustments required or performed.

Primary References Traceability Number Used in Calibration

REF	Projected Re-Cal.	Description	REF	Projected Re-Cal.	Description
A727	8/2027	Temp/Humidity Sensor			

Comments:

Laboratory Altitude: 5,063.25 Ft.

56 Gateway Circle Berthoud, Colorado 80513
877-532-7990 970-532-7990 www.laerie.com

Veridical Review By:
L. E. Armfield CEO/President

TCC 2023-8A

Procedure Executed by:
JRN

CALIBRATION LOCATION: Laerie Inc. Laboratory

LAERIE
Calibration & Metrology Services

Calibration Event:	Found-Left NEBB
Manufacturer:	Shortridge Instruments
Model(s):	ADM-860; ADT442; ADT446
S/N(s):	M97246; N/A; N/A
ID(s):	M97246; M12386-TP; W14045-TP
Description(s):	Airdata Multimeter Electronic Micromanometer; Insertion Temperature Probe, -67°F to 250°F; Insertion Temperature Probe, 32°F to 158°F
CAL-DATE:	7/9/2025
CAL-DUE:	7/9/2026
Eng. / Metrologist:	JRN

Calibration Performance Report for:

Double T Balancing

609 W Litteton Blvd, Suite 212

Litteton, CO 80120

Calibration Performed:	% of range	REF inH_2O	Min inH_2O	UUC Ind inH_2O	Max inH_2O	Compilation
Pressure Accuracy ±2% R ± .001 inH_20	0.00	0.000	-0.001	0.0000	0.001	Calibrated
	20.00	10.000	9.799	9.982	10.201	Calibrated
	50.00	25.000	24.499	24.97	25.501	Calibrated
	80.00	40.000	39.199	39.98	40.801	Calibrated

Calibration Performed:	% of range	REF	MIN	UUC	MAX	Compilation
W14045-TP Temperature Accuracy 0 to 200 °F ±.5 % R + 2F	20.00	39.9218 °F	37.72 °F	39.9 °F	42.12 °F	Calibrated
	50.00	99.9347 °F	97.44 °F	99.7 °F	102.43 °F	Calibrated
	80.00	159.9119 °F	157.11 °F	159.7 °F	162.71 °F	Calibrated

Calibration Performed:	% of range	REF	MIN	UUC	MAX	Compilation
M12386-TP Temperature Accuracy 0 to 200 °F ±.5 % R + 2F	20.00	39.9218 °F	37.72 °F	39.7 °F	42.12 °F	Calibrated
	50.00	99.9347 °F	97.44 °F	99.5 °F	102.43 °F	Calibrated
	80.00	159.9119 °F	157.11 °F	159.5 °F	162.71 °F	Calibrated

Calibration Performed:	REF	MIN	UUC	MAX	Compilation
Absolute Pressure ±2% R ± .1 inHg	25.079 inHg	24.477 inHg	25.0 inHg	25.681 inHg	Calibrated

*Absolute pressure is not specified by NEBB. This data is for information only

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End of Report

Certificate of Accredited and Traceable Calibration

LAERIE Calibration & Metrology Services

Laerie, Inc. Issues this Certificate of Calibration to:

Double T Balancing

609 W Littelton Blvd #212 Littleton, CO 80120

Certificate Number: 238101.3072

Customer Purchase Order:

Calibration Type: **CAL-2 NEBB**

For Asset: **44160325WS**

This calibration is traceable to the international system of units(SI), through National Institute of Standards and Technology (NIST).

Guard Banding and TUR Strategy, False-Accept Risk normal distribution and 95% confidence level typical with coverage factor of 2.

Double T Balancing : accepts and understands measurement uncertainties and risk assessment in all measurements involved in calibration.

Manufacturer	Model	Serial Number	Description	Calibrated	Int. MTh's	Re-Cal
Fluke	325	44160325WS	True RMS Clamp Meter	9-Jul-2025	12	**9-Jul-2026**

C-Procedure	Environmental	As-Received Physical Condition(s)
LAP NEBB 2025	73.4°F ±9°F, 40 to 65%RH	1) As-Received Annual maintenance performed, nominal exterior cosmetic wear, exterior cleaned where possible, initial inspection PASS.
Calibration Event:		

2FL: NEBB Compliant Calibration performed published data no adjustments required or performed.

Primary References Traceability Number Used in Calibration

REF	Projected Re-Cal.	Description	REF	Projected Re-Cal.	Description
T0C22	5/2026	Advanced Calibrator			
24E23	7/2025	Clamp Coil			

Comments:

Laboratory Altitude: 5,063.25 Ft.

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Veridical Review By:

L. E. Armfield CEO/President

TCC 2023-8A

Procedure Executed by:

JRN

CALIBRATION LOCATION: Laerie Inc. Laboratory

LAERIE
Calibration & Metrology Services

Calibration Event:	Found-Left NEBB
Manufacturer:	Fluke
Model:	325
S/N:	44160325WS
ID:	44160325WS
Description:	True RMS Clamp Meter
CAL-DATE:	8-Jul-2025
CAL-DUE:	8-Jul-2026
Eng. / Metrologist:	JRN

Calibration Performance Report for:

Double T Balancing

609 W Litteton Blvd, Suite 212
Litteton, CO 80120

Calibration Performed:	Range	REF	Min	UUC Ind	Max	Compilation
AS-FOUND AC Volts Accuracy 60 Hz Range 0-600 VAC	20.0 %	120 VAC	117.1 VAC	119.8 VAC	122.9 VAC	Calibrated
	50.0 %	300 VAC	293.5 VAC	299.8 VAC	306.5 VAC	Calibrated
	80.0 %	480 VAC	469.9 VAC	480.0 VAC	490.1 VAC	Calibrated

Calibration Performed:	Range	REF AAC	Min AAC	UUC Ind AAC	Max AAC	Compilation	Calibrator Setting for 50 Turn Coil
AS-FOUND AC Current Accuracy 60 Hz Range 0-100 AMPS	20.0 %	20.000 AAC	19.1 AAC	20.08 AAC	20.9 AAC	Calibrated	0.4000 AAC
	50.0 %	50.000 AAC	48.5 AAC	50.2 AAC	51.5 AAC	Calibrated	1.0000 AAC
	80.0 %	80.000 AAC	77.9 AAC	80.4 AAC	82.1 AAC	Calibrated	1.6000 AAC

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Certificate of Accredited and Traceable Calibration

LAERIE Calibration & Metrology Services

Laerie, Inc. Issues this Certificate of Calibration to:

Double T Balancing

609 W Littelton Blvd #212 Littleton, CO 80120

Certificate Number: 132298.7498

Customer Purchase Order:

Calibration Type: **CAL-2 NEBB**

For Asset: **Q669462**

This calibration is traceable to the international system of units(SI), through National Institute of Standards and Technology (NIST).

Guard Banding and TUR Strategy, False-Accept Risk normal distribution and 95% confidence level typical with coverage factor of 2.

Double T Balancing : accepts and understands measurement uncertainties and risk assessment in all measurements involved in calibration.

Manufacturer	Model	Serial Number	Description	Calibrated	Int. MTh's	Re-Cal
Extech	461825	Q669462	Photo Tachometer Stroboscope	10-Jul-2025	12	**10-Jul-2026**

C-Procedure	Environmental	As-Received Physical Condition(s)
NEBB 2025	73.4°F ±9°F, 40 to 65%RH	1) As-Received Annual maintenance performed, nominal exterior cosmetic wear, exterior cleaned where possible, initial inspection PASS.
Calibration Event:		

2FL: NEBB Compliant Calibration performed published data no adjustments required or performed.

Primary References Traceability Number Used in Calibration

REF	Projected Re-Cal.	Description	REF	Projected Re-Cal.	Description
8296	11/2026	Laser Strobe			

Comments:

Laboratory Altitude: 5,063.25 Ft.

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Veridical Review By:

L. E. Armfield CEO/President

TCC 2023-8A

Procedure Executed by:

JCR

CALIBRATION LOCATION: Laerie Inc. Laboratory

LAERIE
Calibration & Metrology Service

Calibration Event:	Found-Left
Manufacturer:	Extech
Model:	461825
Serial Number:	Q669462
UUC ID:	Q669462
UUC Description:	Photo Tachometer Stropboscope
Technician	JCR
Calibration Date	10-Jul-2025
Calibration Due Date	10-Jul-2026

Calibration Performance Report For:

Double T Balancing
609 W Littlton Blvd #212
Littleton, CO 80120

Photo Tachometer

Reference	UUC	NEBB Accuracy	Compilation
625.0 rpm	625 rpm	± 14.5 rpm	pass
1250.0 rpm	1250 rpm	± 27.0 rpm	pass
2500.0 rpm	2500 rpm	± 52.0 rpm	pass
4000.0 rpm	4000 rpm	± 82.0 rpm	pass

Stoboscope

Reference	UUC	NEBB Accuracy	
639.1 rpm	639.1 rpm	± 14.78 rpm	pass
1753.8 rpm	1753.0 rpm	± 37.08 rpm	pass
2045.5 rpm	2045.0 rpm	± 42.91 rpm	pass
3972.8 rpm	3972.0 rpm	± 81.46 rpm	pass

END OF REPORT

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NEBB CERTIFIED TESTING & BALANCING

ABBREVIATIONS LIST

ABBREVIATIONS	
AHU	AIR HANDLING UNIT
AMP	AMPERAGE
AFMS	AIR FLOW MONITORING STATION
ATM	ATMOSPHERE
BD	BALANCING DAMPER
BHP	BRAKE HORSE POWER
BTU	BRITISH THERMAL UNIT
BTUh	BTU PER HOUR
BV	BALANCING VALVE
CF	CORRECTION FACTOR (Ak)
CFLA	CORRECTED FULL LOAD AMPS
CFM	CUBIC FEET PER MINUTE
CV	CONSTANT VOLUME
DB	DRY BULB
D.D.	DIRECT DRIVE
DFC	DAMPER FULLY CLOSED
DWO	DAMPER WIDE OPEN
EF	EXHAUST FAN
EG	EXHAUST GRILLE
ER	EXHAUST REGISTER
ESP	EXTERNAL STATIC PRESSURE
EA	EXHAUST AIR
F	FAN
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FPM	FEET PER MINUTE
GPM	GALLONS PER MINUTE
LS	LINEAR SLOT
MBH	1000 BTU PER HOUR
MVD	MANUAL VOLUME DAMPER
N/A	NOT APPLICABLE
N/ACC	NO REASONABLE ACCESS
NDI	NO DAMPER INSTALLED
N.G.	NOT GIVEN
NF	NO FLOW
NPSH	NET POSITIVE SUCTION HEAD
NPSHA	NPSH AVAILABLE
NPSHR	NPSH REQUIRED
OA	OUTSIDE AIR
OBD	OPPOSED BLADE DAMPER
OED	OPEN ENDED DUCT
P	PUMP
PD	PRESSURE DROP
PH	PHASE
PSI	POUNDS PER SQUARE INCH
PSIA	PSI ABSOLUTE
PSIG	PSI GAUGE
RA	RETURN AIR
RAF	RETURN AIR FAN
RG	RETURN GRILLE
RPM	ROTATIONS PER MINUTE
RR	RETURN REGISTER
SA	SUPPLY AIR
SD	SPLITTER DAMPER
SG	SUPPLY GRILLE
SP	STATIC PRESSURE
SR	SUPPLY REGISTER
TB	TERMINAL BOX
TD	TEMPERATURE DIFFERENTIAL
TDH	TOTAL DYNAMIC HEAD
TP	THERMALLY PROTECTED
TSP	TOTAL STATIC PRESSURE
WB	WET BULB
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VEL	VELOCITY

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NEBB CERTIFIED TESTING & BALANCING

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NEBB CERTIFIED TESTING & BALANCING

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NEBB CERTIFIED TESTING & BALANCING

Project Summary

Project: 1632 - Chipotle

Item No.	Device	Description	Page Number
		Outside air CFM for both RTU's is the difference between the actual measured supply air CFM, minus the actual measured return air CFM.	
	RTU-1	*Initially running at 123% of design. After adjusting the motor sheave and the manual dampers, the system was set for design airflow.*	
	RTU-2	*Initially running at 116% of design. After adjusting the motor sheave and the manual dampers, the system was set for design airflow.*	
	MAU-1	*Initially running at 117% of design. After adjusting the VFD , the system was set for design airflow.*	
	EF-1	*Initially running at 125% of design. After adjusting the VFD , the system was set for design airflow.*	
	EF-2	*Initially running at 274% of design. After adjusting the speed controller, the system was set for design airflow.*	

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NEBB CERTIFIED TESTING & BALANCING

AIR APPARATUS TEST REPORT

PROJECT NAME:	1632 - Chipotle					
EQUIPMENT / SYSTEM:	RTU-1					
UNIT INFORMATION						
		DESIGN		***ACTUAL***		
MANUFACTURER		CARRIER		Carrier		
MODEL #		48HCRD08		48HCRD08B2M5		
SERIAL #		N/G		4822P68892		
LOCATION / SERVICE		KITCHEN		KITCHEN		
FAN INFORMATION						
		DESIGN		***ACTUAL***		
Total Airflow (CFM)		3,000		3,073		
Total of Terminals (CFM)		3,000		3,073		
Return Airflow (CFM)		2,250		2,291		
Outside Airflow (CFM)		750		782		
Total Static Pressure (in. w.g.)		N/G		0.97		
External Static Pressure (in. w.g.)		0.80		0.81		
Fan Speed (RPM / Setpoint)				D.D. / SINGLE SPEED		
VFD Speed (Hz)				N/A		
OA Damper Postion (% Open)				4%		
MOTOR INFORMATION						
		DESIGN / NAMEPLATE		***ACTUAL***		
Manufacturer / Frame - Nameplate				Marathon / 56HZ		
Horse Power (HP)				-		
Brake Horse Power (BHP)				-		
Volts	Phase	208	3	211	212	212
Full Load Amps		6.9 - 6.7		4.48	4.45	4.52
Corrected Nameplate Amps		-		-		
Motor Speed (RPM / Setting)		1,725		1,725		
Service Factor		1.15		1.15		
Current Overload Size/Setting		-		Single Speed		
DRIVE INFORMATION						
		DESIGN		***ACTUAL***		
Motor Sheave OD				VL44		
Motor Sheave Bore Size				0.625		
Motor Sheave Adjustment (PD)				5 TO		
Fan Sheave OD				AFD74		
Fan Sheave Bore Size				1		
Belt Size (Inches) and Quantity				A48		
Center to Center Distance (Inches)				16.9		
FILTER INFORMATION						
DESIGN (MERV Rating)		***BANK #1 Style/Size(Qty)***		***BANK #2 Style/Size(Qty)***		
Mesh		4 - 20x20x2		-		

Technician(s): Tony Short Date: 9/16/2025

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Phone: 303-660-0620

NEBB CERTIFIED TESTING & BALANCING

AIR OUTLET TEST REPORT

PROJECT NAME:	1632 - Chipotle
EQUIPMENT / SYSTEM:	RTU-1

OUTLET SUMMARY

Area Served	FH / RVA / TRV	ATI #	Outlet Type	Size LxW / D	AK	Design FPM	Design CFM	Initial FPM	Initial CFM	Final FPM	Final CFM	Final %	Notes
SUPPLY	FH	1	CD	6"	1.0	*50*	50		**155**		**51**	102%	
	FH	2	CD	8"	1.0	*150*	**150**		**218**		**155**	103%	
	FH	3	CD	10"	1.0	*200*	**200**		**329**		**201**	101%	
	FH	4	CD	10"	1.0	*200*	**200**		**309**		**196**	98%	
	FH	5	CD	10"	1.0	*300*	**300**		**302**		**317**	106%	
	FH	6	CD	10"	1.0	*300*	**300**		**305**		**323**	108%	
	FH	7	CD	10"	1.0	*300*	300		**320**		**328**	109%	
	FH	8	CD	8"	1.0	*200*	**200**		**260**		**210**	105%	
	FH	9	CD	8"	1.0	*200*	**200**		**218**		**191**	96%	
	FH	10	CD	8"	1.0	*200*	**200**		**163**		**188**	94%	
	FH	11	CD	8"	1.0	*200*	**200**		**144**		**185**	93%	
	VEL	12	TRA	6X159	1.0	*700*	**700**		**954**		**728**	104%	
							3000		**3677**		**3073**	102%	
												-	
RETURN	FH	1	RG		1.0	*2250*	**2250**		**1408**		**2291**	102%	
												-	
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RVA = Rotating Vane Anemometer : FH = Flow Hood : TRV = Traverse

Comments: _____

Technician(s): Tony Short Date: 9/15/2025

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Greenwood Village, CO 80121
Phone: 303-660-0620

NEBB CERTIFIED TESTING & BALANCING

RECTANGLE DUCT TRAVERSE TEST REPORT

PROJECT NAME:	1632 - Chipotle											
EQUIPMENT / SYSTEM:	RTU-1 REGISTER #12											
DUCT TRAVERSE INFORMATION												
Duct Zone:	HOOD SUPPLY FROM RTU-1				Required CFM:	700			Required FPM:	106		
Duct Size:	6	X	159	WxH"	Area:	6.63			Static Pressure:	N/A		
Instrument:	VELGRID		Corr.	1	Altitude:	N/A			Temperature:	N/A		
DUCT TRAVERSE MEASUREMENTS												
Velocity Total (FPM):	1,428				Velocity Average (FPM):	110			Actual Airflow (CFM):	**728**		

POS	1	2	3	4	5	6	7	8	9	10	11	Distance Height
1	56	117	38	120	118	121	137	99	136	151		0
2								109	104	122		#VALUE!
3												#VALUE!
4												#VALUE!
5												#VALUE!
6												#VALUE!
7												#VALUE!
8												#VALUE!
9												#VALUE!
10												#VALUE!
11												#VALUE!
Distance Width	0	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	Inches
Totals	56	117	38	120	118	121	137	208	240	273	0	

Comments: _____

_____

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_____

Technician(s): Tony Short Date: 9/15/2025

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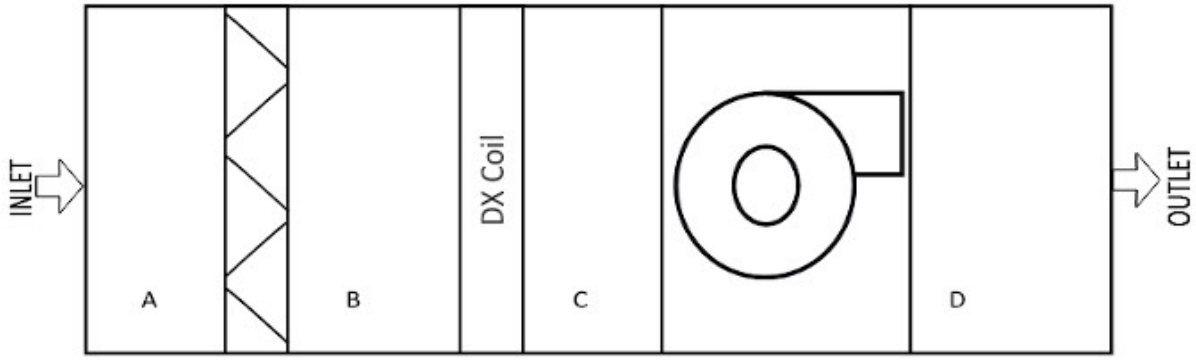
NEBB CERTIFIED TESTING & BALANCING

STATIC PRESSURE PROFILE

PROJECT NAME:	1632 - Chipotle
EQUIPMENT / SYSTEM:	RTU-1
SYSTEM INFORMATION	
Static Pressure Profile Setup:	FILTER, COIL, FAN
Design Airflow (CFM)	3000
Measured Airflow (CFM)	3073



	ESP:		**0.81**				**TSP:**		**0.97**		
STATIC PRESSURE READINGS (in. w.g.)											
Location	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**
Supply	-0.46	-0.51	-0.62	0.35							

Comments: _____

_____

_____

Technician(s): Tony Short Date: 9/16/2025

DOUBLE T BALANCING COMPANY, LLC
5910 S. University Blvd.
C-18, #354
Greenwood Village, CO 80121
Phone: 303-660-0620

NEBB CERTIFIED TESTING & BALANCING

AIR APPARATUS TEST REPORT

PROJECT NAME:	1632 - Chipotle					
EQUIPMENT / SYSTEM:	RTU-2					
UNIT INFORMATION						
		DESIGN		***ACTUAL***		
MANUFACTURER		CARRIER		Carrier		
MODEL #		48HCRD08		48HCRD08B2M5		
SERIAL #		N/G		3222P61114		
LOCATION / SERVICE		DINING		DINING		
FAN INFORMATION						
		DESIGN		***ACTUAL***		
Total Airflow (CFM)		3,000		3,051		
Total of Terminals (CFM)		3,000		3,051		
Return Airflow (CFM)		2,250		2,280		
Outside Airflow (CFM)		750		771		
Total Static Pressure (in. w.g.)		N/G		0.98		
External Static Pressure (in. w.g.)		0.80		0.80		
Fan Speed (RPM / Setpoint)				D.D. / SINGLE SPEED		
VFD Speed (Hz)				N/A		
OA Damper Postion (% Open)				4%		
MOTOR INFORMATION						
		DESIGN / NAMEPLATE		***ACTUAL***		
Manufacturer / Frame - Nameplate				Marathon / 56HZ		
Horse Power (HP)				-		
Brake Horse Power (BHP)				1.50		
Volts	Phase	208	3	211	212	212
Full Load Amps		6.9 - 6.7		4.17	4.28	4.25
Corrected Nameplate Amps		-		-		
Motor Speed (RPM / Setting)		1,725		1,725		
Service Factor		1.15		1.15		
Current Overload Size/Setting		-		Single Speed		
DRIVE INFORMATION						
		DESIGN		***ACTUAL***		
Motor Sheave OD				VL44		
Motor Sheave Bore Size				0.625		
Motor Sheave Adjustment (PD)				5 TO		
Fan Sheave OD				AFD74		
Fan Sheave Bore Size				1		
Belt Size (Inches) and Quantity				A48		
Center to Center Distance (Inches)				16.9		
FILTER INFORMATION						
DESIGN (MERV Rating)		***BANK #1 Style/Size(Qty)***		***BANK #2 Style/Size(Qty)***		
Mesh		4 - 20x20x2		-		

Technician(s): Tony Short Date: 9/16/2025

DOUBLE T BALANCING COMPANY, LLC
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Greenwood Village, CO 80121
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NEBB CERTIFIED TESTING & BALANCING

AIR OUTLET TEST REPORT

PROJECT NAME:	1632 - Chipotle
EQUIPMENT / SYSTEM:	RTU-2

OUTLET SUMMARY

Area Served	FH / RVA / TRV	ATI #	Outlet Type	Size LxW / D	AK	Design FPM	Design CFM	Initial FPM	Initial CFM	Final FPM	Final CFM	Final %	Notes
SUPPLY	FH	1	SW	18X6	1.0	*300*	300		**336**		**310**	103%	
	FH	2	SW	18X6	1.0	*300*	**300**		**458**		**318**	106%	
	FH	3	SW	10"	1.0	*400*	**400**		**288**		**362**	91%	
	FH	4	SW	10"	1.0	*350*	**350**		**311**		**374**	107%	
	FH	5	SW	10"	1.0	*400*	**400**		**378**		**439**	110%	
	FH	6	SW	10"	1.0	*300*	**300**		**368**		**315**	105%	
	FH	7	SW	10"	1.0	*300*	300		**468**		**290**	97%	
	FH	8	SW	10"	1.0	*300*	**300**		**349**		**287**	96%	
	FH	9	SW	10"	1.0	*250*	**250**		**252**		**254**	102%	
	FH	10	CD	8"	1.0	*50*	**50**		**173**		**53**	106%	
	FH	11	SW	6X6	1.0	*50*	**50**		**100**		**49**	98%	
							3000		**3481**		**3051**	102%	
												-	
RETURN	FH	1	RG		1.0	*2250*	**2250**		**1628**		**2280**	101%	
												-	
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RVA = Rotating Vane Anemometer : FH = Flow Hood : TRV = Traverse

Comments: _____

Technician(s): Tony Short Date: 9/16/2025

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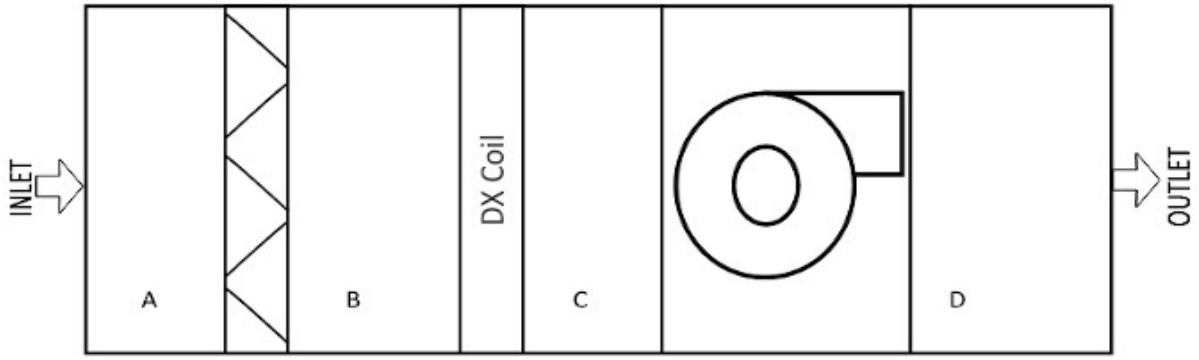
NEBB CERTIFIED TESTING & BALANCING

STATIC PRESSURE PROFILE

PROJECT NAME:	1632 - Chipotle
EQUIPMENT / SYSTEM:	RTU-2
SYSTEM INFORMATION	
Static Pressure Profile Setup:	FILTER, COIL, FAN
Design Airflow (CFM)	3000
Measured Airflow (CFM)	3051



	ESP:	**0.80**	**TSP:**	**0.98**

STATIC PRESSURE READINGS (in. w.g.)

Location	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**
Supply	-0.44	-0.50	-0.62	0.36							

Comments: _____

Technician(s): Tony Short Date: 9/16/2025

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NEBB CERTIFIED TESTING & BALANCING

FAN TEST REPORT

PROJECT NAME:	1632 - Chipotle					
EQUIPMENT / SYSTEM:	MAU-1					
UNIT INFORMATION						
		DESIGN			***ACTUAL***	
MANUFACTURER		CAPTIVE AIRE			CAPTIVE AIRE	
MODEL #		A1-D.250-15D			A1-D.250-15D	
SERIAL #		N.G.			Job 7307558 Fan #3	
LOCATION / SERVICE		KITCHEN			KITCHEN	
FAN INFORMATION						
		DESIGN			***ACTUAL***	
Total Airflow (CFM)		1,300			1,338	
Total of Terminal Airflows (CFM)		-			-	
External Static Pressure		0.5 in.w.g.			0.43 in.w.g.	
SP Reading - Intake					-0.3 in.w.g.	
SP Reading - Discharge					0.13 in.w.g.	
Fan Speed (RPM / Setpoint)					D.D. / 40.3 HZ	
MOTOR INFORMATION						
		DESIGN / NAMEPLATE			***ACTUAL***	
Manufacturer / Frame - Nameplate					TECO / 143T	
Horse Power (HP)		1.00			1.00	
Brake Horse Power (BHP)		0.53			0.60	
Volts	Phase	208	3		212	212	211
Full Load Amps		2.90			1.70	1.70	1.70
Corrected Nameplate Amps		-			2.85	
Motor Speed (RPM / Setting)		1,615			1,740	
Service Factor		-			1.15	
Current Overload Size/Setting		-			40.3 HZ	
DRIVE INFORMATION						
		DESIGN			***ACTUAL***	
Motor Sheave OD		N.G.			D.D.	
Motor Sheave Bore Size		N.G.			D.D.	
Motor Sheave Adjustment (PD)		N.G.			D.D.	
Fan Sheave OD		N.G.			D.D.	
Fan Sheave Bore Size		N.G.			D.D.	
Belt Size (Inches) and Quantity		N.G.			D.D.	
Center to Center Distance (Inches)		N.G.			D.D.	

Comments: _____

Technician(s): Tony Short Date: 9/15/2025

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NEBB CERTIFIED TESTING & BALANCING

RECTANGLE DUCT TRAVERSE TEST REPORT

PROJECT NAME:	1632 - Chipotle											
EQUIPMENT / SYSTEM:	MAU-1											
DUCT TRAVERSE INFORMATION												
Duct Zone:	MAX SUPPLY AIR				Required CFM:	1300			Required FPM:	131		
Duct Size:	9	X	159	WxH"	Area:	9.94			Static Pressure:	N/A		
Instrument:	VELGRID		Corr.	1	Altitude:	N/A			Temperature:	N/A		
DUCT TRAVERSE MEASUREMENTS												
Velocity Total (FPM):	1,750		Velocity Average (FPM):	135			Actual Airflow (CFM):	**1,338**				

POS	1	2	3	4	5	6	7	8	9	10	11	Distance Height
1	145	115	133	148	157	99	138	112	155	146		0
2								151	133	118		#VALUE!
3												#VALUE!
4												#VALUE!
5												#VALUE!
6												#VALUE!
7												#VALUE!
8												#VALUE!
9												#VALUE!
10												#VALUE!
11												#VALUE!
Distance Width	0	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	Inches
Totals	145	115	133	148	157	99	138	263	288	264	0	

Comments: _____

_____

_____

_____

Technician(s): Tony Short Date: 9/15/2025

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NEBB CERTIFIED TESTING & BALANCING

FAN TEST REPORT

PROJECT NAME:	1632 - Chipotle						
EQUIPMENT / SYSTEM:	EF-1						
UNIT INFORMATION							
		DESIGN			***ACTUAL***		
MANUFACTURER		CAPTIVE AIRE			Captive Aire		
MODEL #		DU180HFA			DU180HFA		
SERIAL #		N.G.			Job 7307558 Fan #1		
LOCATION / SERVICE		KITCHEN			KITCHEN		
FAN INFORMATION							
		DESIGN			***ACTUAL***		
Total Airflow (CFM)		2,550			2,568		
Total of Terminal Airflows (CFM)		-			-		
External Static Pressure		1.45 in.w.g.			0.37 in.w.g.		
SP Reading - Intake					-0.37 in.w.g.		
SP Reading - Discharge					ATM		
Fan Speed (RPM / Setpoint)					D.D. / 55.9 HZ		
MOTOR INFORMATION							
		DESIGN / NAMEPLATE			***ACTUAL***		
Manufacturer / Frame - Nameplate					Westinghouse / 184T		
Horse Power (HP)		2.00			2.00		
Brake Horse Power (BHP)		1.28			1.67		
Volts	Phase	208	3		211	212	212
Full Load Amps		6.56			4.80	4.80	4.80
Corrected Nameplate Amps		-			6.45		
Motor Speed (RPM / Setting)		1,302			1,165		
Service Factor		-			1.15		
Current Overload Size/Setting		-			55.9 HZ		
DRIVE INFORMATION							
		DESIGN			***ACTUAL***		
Motor Sheave OD		N.G.			D.D.		
Motor Sheave Bore Size		N.G.			D.D.		
Motor Sheave Adjustment (PD)		N.G.			D.D.		
Fan Sheave OD		N.G.			D.D.		
Fan Sheave Bore Size		N.G.			D.D.		
Belt Size (Inches) and Quantity		N.G.			D.D.		
Center to Center Distance (Inches)		N.G.			D.D.		

Comments: _____

Technician(s): Tony Short Date: 9/15/2025

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NEBB CERTIFIED TESTING & BALANCING

RECTANGLE DUCT TRAVERSE TEST REPORT

PROJECT NAME:	1632 - Chipotle											
EQUIPMENT / SYSTEM:	EF-1											
DUCT TRAVERSE INFORMATION												
Duct Zone:	TOTAL EXHAUST AIR				Required CFM:	2550		Required FPM:	210			
Duct Size:		X		WxH"	Area:	12.15		Static Pressure:	-0.37 in.w.g.			
Instrument:	VELGRID		Corr.	1.2	Altitude:	N/A		Temperature:	N/A			
DUCT TRAVERSE MEASUREMENTS												
Velocity Total (FPM):	1,585		Velocity Average (FPM):	176			Actual Airflow (CFM):	**2,568**				

POS	1	2	3	4	5	6	7	8	9	10	11	Distance Height
1	160	181	177	181	192	192	178	158	166			
2												#VALUE!
3												#VALUE!
4												#VALUE!
5												#VALUE!
6												#VALUE!
7												#VALUE!
8												#VALUE!
9												#VALUE!
10												#VALUE!
11												#VALUE!
Distance Width		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	Inches
Totals	160	181	177	181	192	192	178	158	166	0	0	

Comments: 9 Baffles at 16x16 with an area of 1.35 sqft. each.
Corrected area of 12.15 sqft.

Technician(s): Tony Short Date: 9/15/2025

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NEBB CERTIFIED TESTING & BALANCING

FAN TEST REPORT

PROJECT NAME:	1632 - Chipotle					
EQUIPMENT / SYSTEM:	EF-2					
UNIT INFORMATION						
		DESIGN			***ACTUAL***	
MANUFACTURER		CAPTIVE AIRE			CAPTIVE AIRE	
MODEL #		DR12HFA			DR12HFA	
SERIAL #		N.G.			Job 7307558 Fan #2	
LOCATION / SERVICE		RESTROOMS			RESTROOMS	
FAN INFORMATION						
		DESIGN			***ACTUAL***	
Total Airflow (CFM)		150			148	
Total of Terminal Airflows (CFM)		-			-	
External Static Pressure		0.6 in.w.g.			NAC	
SP Reading - Intake					NAC	
SP Reading - Discharge					ATM	
Fan Speed (RPM / Setpoint)					D.D. / 30% SPEED	
MOTOR INFORMATION						
		DESIGN / NAMEPLATE			***ACTUAL***	
Manufacturer / Frame - Nameplate					TelecoGreen	
Horse Power (HP)		0.25			0.25	
Brake Horse Power (BHP)		0.10			0.02	
Volts	Phase	115	1		121	
Full Load Amps		2.90			0.18	
Corrected Nameplate Amps		-			2.76	
Motor Speed (RPM / Setting)		1,402			1,800	
Service Factor		-			N/G	
Current Overload Size/Setting		-			30% SPEED	
DRIVE INFORMATION						
		DESIGN			***ACTUAL***	
Motor Sheave OD		N.G.			D.D.	
Motor Sheave Bore Size		N.G.			D.D.	
Motor Sheave Adjustment (PD)		N.G.			D.D.	
Fan Sheave OD		N.G.			D.D.	
Fan Sheave Bore Size		N.G.			D.D.	
Belt Size (Inches) and Quantity		N.G.			D.D.	
Center to Center Distance (Inches)		N.G.			D.D.	

Comments: _____

Technician(s): Tony Short Date: 9/15/2025

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NEBB CERTIFIED TESTING & BALANCING

AIR INLET TEST REPORT

PROJECT NAME:	1632 - Chipotle
EQUIPMENT / SYSTEM:	EF-2

INLET SUMMARY

Area Served	FH / RVA / TRV	ATI #	Outlet Type	Size LxW / D	AK	Design FPM	Design CFM	Initial FPM	Initial CFM	Final FPM	Final CFM	Final %	Notes
EXHAUST	FH	1	EG		1.0	*75*	75		222		78	104%	
	FH	2	EG		1.0	*75*	75		190		70	93%	
							150		412		148	99%	

RVA = Rotating Vane Anemometer : FH = Flow Hood : TRV = Traverse

Comments: _____

Technician(s): Tony Short Date: 9/15/2025

HVAC PLAN NOTES

1 SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING MOUNTED EQUIPMENT LOCATION. TYPICAL.

2 PAINT DUCTWORK VISIBLE THROUGH DINING ROOM SUPPLY REGISTERS BLACK. TYPICAL.

3 PENETRATIONS THROUGH SHEAR WALL SHALL BE LIMITED TO 10" DIAMETER (OR A GROUP OF PENETRATIONS ALL CONTAINED WITHIN 10" DIAMETER). IF LARGER PENETRATIONS OR GROUPS OF PENETRATIONS ARE REQUIRED COORDINATE WITH STRUCTURAL ENGINEER FOR APPROPRIATE BRACING. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATION.

4 20/16 DUCT UP THROUGH ROOF TO RTU-1 SIDE RETURN CONNECTION. RTU-1 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-1 OPERATION.

5 20/16 DUCT UP THROUGH ROOF TO RTU-2 SIDE RETURN CONNECTION. RTU-2 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-2 OPERATION.

6 24/16 DUCT UP FROM BUILDING SUPPLY THROUGH ROOF. TRANSITION TO RTU-1 SUPPLY CONNECTION IN ROOF CURB.

7 24/16 DUCT UP THROUGH ROOF FROM BUILDING SUPPLY TO RTU-2 SIDE SUPPLY CONNECTION.

8 14/14 DUCT UP THROUGH ROOF. TRANSITION TO MAU-1 SUPPLY CONNECTION IN ROOF CURB.

9 24/10 DUCT UP FROM HOOD THROUGH ROOF TO EF-1 COMPLIANT WITH NFPA 96. PROVIDE RADIUSED ELBOWS WITH AN INSIDE RADIUS OF 0.5W AT ELBOWS IN GREASE DUCT.

10 8/6 DUCT UP THROUGH ROOF TO EF-2.

11 28/6 DUCT DOWN TO MAKEUP AIR PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL FOR 3.

12 8" DIA. DUCT DOWN TO AC PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL. CAP UNUSED DUCT CONNECTIONS.

13 INSTALL SINGLE-GANG VERTICAL J-BOX FOR GRIDPOINT THERMOSTATS FURNISHED BY TEMS FOR RTU-1 AND RTU-2 AT THIS LOCATION AT 48" AFF. COORDINATE WITH ELECTRICAL SWITCHING IN THIS AREA. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.

14 INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-1 AT THIS LOCATION 72" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.

15 INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-2 AT THIS LOCATION 66" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.

16 INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-1 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.

17 INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-2 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.

18 INSTALL REMOTE TEMPERATURE SENSOR FOR HOOD HD-1 AT THIS LOCATION 72" AFF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE (2) #18 G. THERMISTOR CABLE FROM TEMPERATURE SENSOR TO HOOD CONTROL PANEL.

19 INSTALL KITCHEN HOOD, HD-1. SUPPORT HOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL HOOD ACCORDING TO THE REQUIREMENTS OF ITS LISTING, IN COMPLIANCE WITH NFPA 96, THE BUILDING CODE, AND AUTHORITIES HAVING JURISDICTION. HOOD SHALL HAVE AN INTEGRAL DUCT COLLAR TEMPERATURE SENSOR TO AUTOMATICALLY ENERGIZE THE EXHAUST AND MAKEUP AIR FANS IF COOKING TEMPERATURES ARE DETECTED. EXHAUST DUCT SYSTEM TO BE WELDED OR FACTORY-MANUFACTURED WATER AND AIR TIGHT. INSTALL CLEANOUTS PER CODE AND AS SHOWN. INSTALL HOOD PER DETAILS 2, 4, AND 9/M700. CHIPOTLE WILL PROVIDE AN INDEPENDENT TESTING AGENCY FOR TESTING THE INTEGRITY OF THE GREASE DUCT SYSTEM.

HVAC PLAN NOTES

20 INSTALL REMOTE CONDENSING UNIT FOR WALK-IN COOLER ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE CONDENSING UNIT. CUT 2-1/2" HOLE IN WALK-IN COOLER ROOF FOR REFRIGERANT LINE SET AND SEAL PER THE COOLER MANUFACTURER'S INSTALLATION INSTRUCTIONS AFTER LINE SET IS INSTALLED.

21 INSTALL REMOTE CONDENSER FOR ICE MACHINE ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. SEAL PIPING PENETRATIONS THROUGH ROOF. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE REMOTE CONDENSER. IF REFRIGERANT PIPING TO ICE MAKER IS EXPOSED TO PUBLIC VIEW CONCEAL WITHIN A STAINLESS STEEL SHROUD AS SHOWN IN THE ARCHITECTURAL DRAWINGS.

22 INSTALL ROOFTOP EQUIPMENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.

23 INSTALL EXHAUST FAN EF-1 PER DETAIL 5/M700 AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL GREASE VIROGUARD SYSTEM FURNISHED BY CHIPOTLE ON EXHAUST FAN, EF-1.

24 PROVIDE SUPPLY DIFFUSER CONNECTION TO SUPPLY SYSTEM PER DETAIL 1/M700. TYPICAL.

25 PROVIDE AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET. WIRE A UNIT BACK TO EACH SMOKE DETECTOR. MOUNT UNIT 60" AFF. TYPICAL.

26 INSTALL REME HALO AIR PURIFIER FURNISHED BY TUV IN RTU PER DETAIL 6/M700. SEE ELECTRICAL DRAWINGS FOR POWER CONNECTION INFORMATION. INSTALL UV WARNING STICKERS ON FACE OF ENCLOSURE PER DETAIL AND ON ANY RTU ACCESS DOOR(S) THROUGH WHICH THE REME HALO WOULD BE VISIBLE IF OPENED.

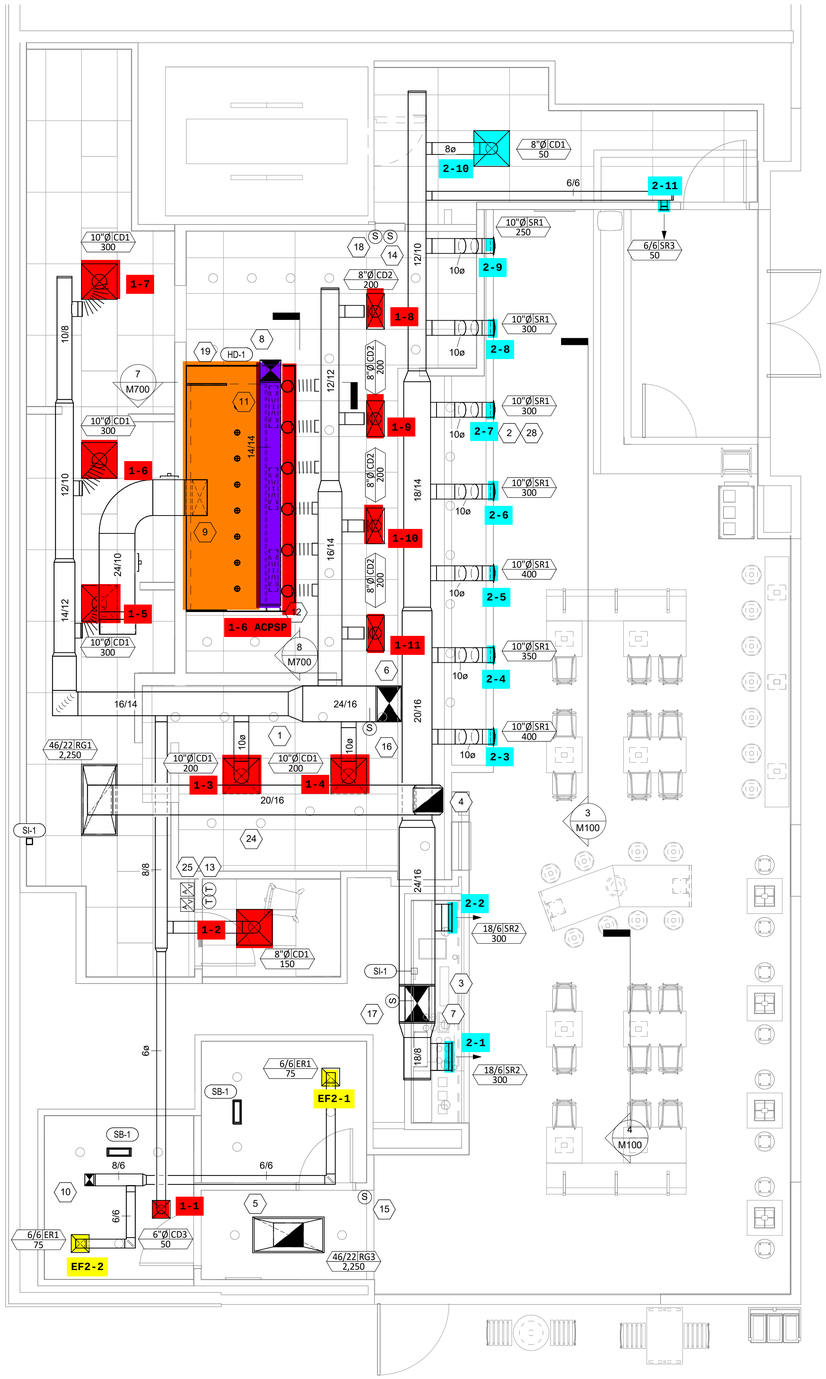
27 MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER FLUE TERMINATION AND OUTSIDE AIR INTAKES. MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER COMBUSTION AIR INTAKE AND EXHAUST FAN EF-1 DISCHARGE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION ON WATER HEATER FLUE AND COMBUSTION AIR TERMINATIONS.

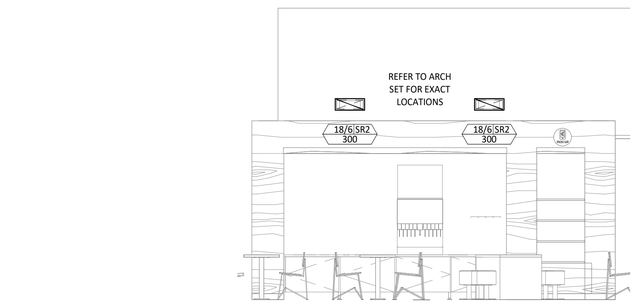
28 ADJUST SUPPLY REGISTERS SO THAT SUPPLY AIR HITS WALL ON OPPOSITE SIDE OF ROOM AT APPROXIMATELY 7' AFF WITH NO DRAFTS FELT IN THE DINING ROOM.

29 REFER TO DRAWING 1/THIS SHEET FOR CONTINUATION OF DUCTWORK.

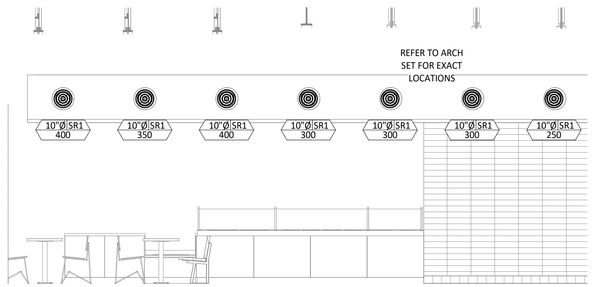
30 PROVIDE EXTERIOR DUCT PER DETAIL 10/M700.

31 INSTALL ROOFTOP UNIT ON EXISTING CURB PER MANUFACTURERS INSTALL INSTRUCTIONS AND STRUCTURAL DRAWINGS. FIELD VERIFY EXACT LOCATION ON EXISTING CURB.

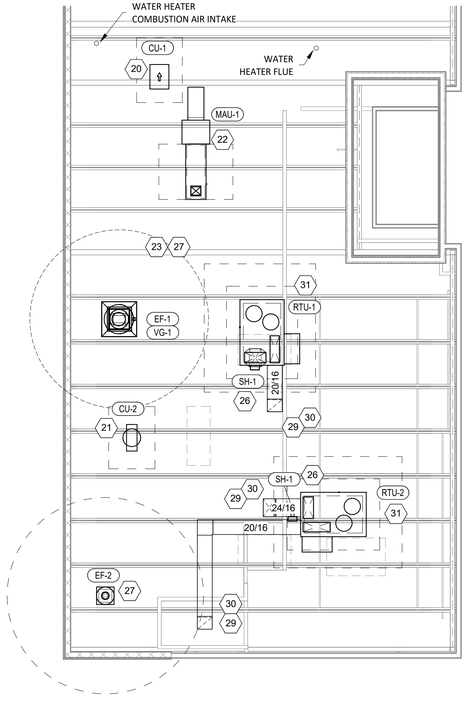




4 M100 **HVAC DINING ROOM SECTION**
1/4" = 1'-0"



3 M100 **HVAC DINING ROOM SECTION**
1/4" = 1'-0"



2 M100 **HVAC ROOF PLAN**
1/8" = 1'-0"

1 M100 **HVAC FLOOR PLAN**
1/4" = 1'-0"

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1.10.2025

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PHOTO GALLERY

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EQUIPMENT / SYSTEM:	