Report By:
United Test and Balance, Inc.
7013 Flagler Rd
Nordland, WA 98358

For:
National TAB
1329 E Kemper Rd, Suite 4210
Cincinnati, OH 45246

Report: TAB REPORT

Function: Test, Adjust, & Balance

Date: 09/07/2023

PROJECT

08-14-23 SHAKE SHACK #1434 - SEATTLE. WA (WESTFIELD SOUTHCENTER)

SPACE FC15

SEATTLE , WA 98188

Client

Evergreen Refrigeration LLC

727 SOUTH KENYON ST

SEATTLE, WA 98108

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
FC-1	KITCHEN	3000	2989	3000	2989	0	0	0.0%	0.0%						
MUA-1	HOOD									2228	2185				
KEF-1	HOOD											2785	2848		
TOTALS		3000	2989	3000	2989	0	0			2228	2185	2785	2848	0	0

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	2228	2185
TOTAL EXHAUST	2785	2848
NET AIRFLOW	-557	-663

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H20)
FRONT	
SIDE	
REAR	
AVERAGE	**N/A**

KITCHEN PRESSURIZATION (MUST BE NEGATIVE)

TOTALS	DESIGN	ACTUAL
TOTAL KITCHEN OA	2228	2185
TOTAL KITCHEN EXHAUST	2785	2848
NET AIRFLOW	-557	-663

Report Summary/Remarks

PROJECT: Shake Shack 1434
LOCATION: Tukwila, WA
PROJECT #: 23327

DATE: 9/7/2023
CONTACT: Steve Burns

SYSTEM/UNIT: Report Summary and Remarks

Scope of Work

Includes

The Test and Balance (TAB) scope of work consist of 1 Kitchen Exhaust Fan (KEF), 1 Make-up Air Unit (MAU), 1 Fan Coil Unit (FCU), and the associated inlets/outlets/hoods.

System Posturing & Remarks

Air Apparatus

The FCU was set for design airflow and the associated supply outlets were balanced in full cooling demand. There was no access to the unit discharge in order to obtain a duct traverse. Total CFM was derived by the sum of the Outlet measurements. All final TAB settings and performance measurements were completed and data was recorded on to the appropriate test report forms.

Exhaust Fans

The exhaust fan was energized, measured and set for total airflow. Total CFM was derived as noted on the individual test pages. Final settings and performance measurements were completed and data recorded on to the appropriate test report forms.

Supply Fans

The supply fan was energized, measured and set for total airflow. Total CFM was derived as noted on the individual test pages. Final settings and performance measurements were completed and data recorded on to the appropriate test report forms.

Air Apparatus

PROJECT: Shake Shack 1434
LOCATION: Tukwila, WA
PROJECT #: 23327

DATE: 9/7/2023
CONTACT: Steve Burns

SYSTEM/UNIT: FC-01

Tested By: Guy Nunez
Date: 9/1/2023

Design Airflow (CFM)	
Design Total	3000
Design Grille Total	3000
Design Return	3000
Design Min O/A	0

Unit Design Data	
Submittal Make	Not Provided
Submittal Model #	Not Provided
Submittal Airflow	Not Provided
Sched./Sub. Volts	208
Sched./Sub. Phase	3
Sched./Sub. HP	Not Listed
Submittal BHP	Not Provided
Filter MERV Rating (Sched/Sub)	Not Listed

Design Static Pressures (in wg)	
Design Ext SP	1.0
Submittal Total SP	Not Provided
Submittal Clg Coil Δ SP	Not Provided

Design Temperatures (°F)	
FC-01/Cooling	
Des. Ent. DB (°F)	Not Listed
Des. Ent. WB (°F)	Not Listed
Design LAT DB (°F)	Not Listed
Design LAT WB (°F)	Not Listed

Filter Data	
Condition	Clean
Filter Type	Pleated
MERV Rating	8
Filter Size Set 1 (in)	16x24x2
# Filters Set 1	4
Filter Size Set 2 (in)	-
# Filters Set 2	-

Motor Nameplate Data	
Motor Make	No Access - Embedded Motor
Motor Frame	Not Listed
Motor HP	2.40
Motor RPM	Not Listed
Motor Volts	230
Motor Phase	3
Motor Amps	6.4
Motor S.F.	Not Listed
Motor % PF	Not Listed
Motor % Eff.	Not Listed
Other Motor Data	Above data from unit tag

Drive Data

Final Airflow (CFM)	
Actual Total CFM	2989
Actual Grille Total CFM	2989
Actual Return Air CFM	2989
Actual Min O/A CFM	0
Fan CFM Test Method	Supply Outlet Total
OA Method/Instrument	Not Applicable
OA Ak (sq ft)	-
OA Damper Position	-
RA Damper Position	-

Unit Data	
Make (tag)	Carrier
Model # (tag)	40RFQA08A2A
Serial # (tag)	1823U12334
Location	Ceiling
Unit Discharge	Horizontal
Cooling Coil Location	Unit / Drawthru
Coil Area (sq ft)	Not Accessible
Clg Coil Vel (FPM)	
Fan Service	Supply
Fan Type	Centrifugal (BI)
Fan Discharge	Horizontal
Fan Arrangement	SWSI

Fan Design Data	
Submittal Motor RPM	Not Provided
Submittal Fan RPM	Not Provided

Fan Data	
Actual Fan RPM/Speed	Single Speed
Actual Motor RPM	Not Accessible

Electrical Data	
Measurement Method	V/A Meter
Motor Volts 1	212
Motor Volts 2	212
Motor Volts 3	212
Motor Amps 1	3.9
Motor Amps 2	3.7
Motor Amps 3	3.7
Operating HZ	Internal to ECM
Approx. BHP	1.3
Corr. Nameplate Amps	6.9
Starter Data	Internal to ECM
VFD Reference	Not Applicable

Actual Temperatures (°F)	
FC-01/Cooling	
Outside Air DB	68.5
Outside Air WB	-

Air Apparatus

PROJECT: Shake Shack 1434
LOCATION: Tukwila, WA
PROJECT #: 23327

DATE: 9/7/2023
CONTACT: Steve Burns

SYSTEM/UNIT: FC-01

Tested By: Guy Nunez
Date: 9/1/2023

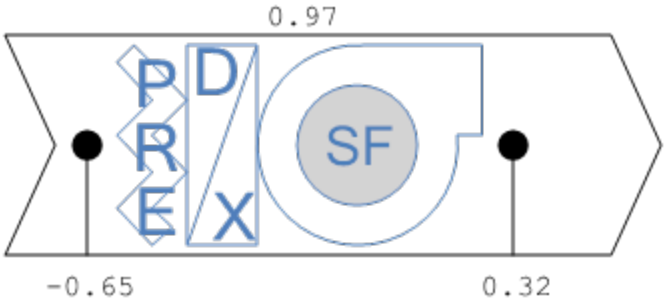
Drive Data	
Drive Type	Direct Drive
Sheave Type	-
Fan Sheave Make	-
Fan Shv Mod# or Size (in)	-
Fan Sheave Bore (in)	-
Motor Sheave Make	-
Mtr Shv Mod# or Size (in)	-
Motor Sheave Bore (in)	-
VP Range	-
Center Distance (in)	-
No of Belts	-
Belt Make	-
Belt Size	-
Other Data	-

Actual Temperatures (°F)	
FC-01/Cooling	
Entering Air DB	73.3
Entering Air WB	-
Leaving Air DB	58.1
Leaving Air WB	-

SYSTEM/UNIT: FC-01/Static Profile

Tested By: Guy Nunez
Date: 8/31/2023

Static Pressure Profile



FC-01 Supply Outlet Summary

System/Unit	Area Served	Type	Size / Area (in)	Design CFM	Prelim CFM	Final CFM	% Final	Instrument	Ak	Open (sq ft)	Final FPM
S-01	100 Open Kitchen	CD	14	550	562	538	98	Capture Hood	1.000	1.000	538
S-02	100 Open Kitchen	CD	14	550	802	524	95	Capture Hood	1.000	1.000	524
S-03	101 Back Kitchen	CD	12	300	517	316	105	Capture Hood	1.000	1.000	316
S-04	101 Back Kitchen	CD	12	300	411	313	104	Capture Hood	1.000	1.000	313
S-05	101 Back Kitchen	CD	14	500	340	492	98	Capture Hood	1.000	1.000	492
S-06	100 Open Kitchen	CD	8	200	97	196	98	Capture Hood	1.000	1.000	196
S-07	100 Open Kitchen	CD	8	200	82	201	101	Capture Hood	1.000	1.000	201
S-08	100 Open Kitchen	CD	8	200	109	198	99	Capture Hood	1.000	1.000	198
S-09	100 Open Kitchen	CD	8	200	108	211	106	Capture Hood	1.000	1.000	211
	Totals:	-	-	**3000**	**3028**	**2989**	**100**	-	-	-	-

Air Apparatus

PROJECT: Shake Shack 1434
LOCATION: Tukwila, WA
PROJECT #: 23327

DATE: 9/7/2023
CONTACT: Steve Burns

SYSTEM/UNIT: MAU-01

Tested By: Guy Nunez
Date: 8/31/2023

Design Airflow (CFM)	
Design Total	2228
Design Grille Total	2228
Design Return	0
Design Min O/A	2228

Unit Design Data	
Submittal Make	Not Provided
Submittal Model #	Not Provided
Submittal Airflow	Not Provided
Sched./Sub. Volts	460
Sched./Sub. Phase	3
Sched./Sub. HP	3.0
Submittal BHP	Not Provided
Filter MERV Rating (Sched/Sub)	Not Listed

Design Static Pressures (in wg)	
Design Ext SP	2.0
Submittal Total SP	Not Provided
Submittal Clg Coil Δ SP	Not Provided

Filter Data	
Condition	Clean
Filter Type	Manufacturer Specific
MERV Rating	Manufacturer Specific
Filter Size Set 1 (in)	Manufacturer Specific
# Filters Set 1	Manufacturer Specific
Filter Size Set 2 (in)	-
# Filters Set 2	-

Motor Nameplate Data	
Motor Make	TECO
Motor Frame	182T
Motor HP	3.00
Motor RPM	1755
Motor Volts	460
Motor Phase	3

Final Airflow (CFM)	
Actual Total CFM	2185
Actual Grille Total CFM	See Kitchen Hood Sheets
Actual Return Air CFM	0
Actual Min O/A CFM	2185
Fan CFM Test Method	See Kitchen Hood Sheets
OA Method/Instrument	-
OA Ak (sq ft)	-
OA Damper Position	-
RA Damper Position	-

Unit Data	
Make (tag)	CaptiveAire
Model # (tag)	A2-D.250-20D-MPU
Serial # (tag)	5904158
Location	Roof
Unit Discharge	Horizontal
Cooling Coil Location	Unit / Blowthru
Coil Area (sq ft)	Not Accessible
Clg Coil Vel (FPM)	
Fan Service	Make-Up Air
Fan Type	Centrifugal (BI)
Fan Discharge	Horizontal
Fan Arrangement	SWSI

Fan Design Data	
Submittal Motor RPM	Not Provided
Submittal Fan RPM	Not Provided

Fan Data	
Actual Fan RPM/Speed	Single Speed
Actual Motor RPM	Not Accessible

Electrical Data	
Measurement Method	VFD Display
Motor Volts 1	Not Accessible
Motor Volts 2	-

Air Apparatus

PROJECT: Shake Shack 1434
LOCATION: Tukwila, WA
PROJECT #: 23327

DATE: 9/7/2023
CONTACT: Steve Burns

SYSTEM/UNIT: MAU-01

Tested By: Guy Nunez
Date: 8/31/2023

Motor Nameplate Data	
Motor Amps	8.6
Motor S.F.	1.15
Motor % PF	89.5
Motor % Eff.	87.5
Other Motor Data	-

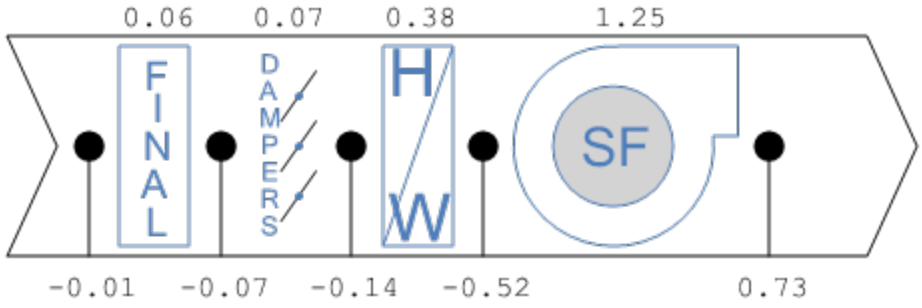
Drive Data	
Drive Type	Direct Drive
Sheave Type	-
Fan Sheave Make	-
Fan Shv Mod# or Size (in)	-
Fan Sheave Bore (in)	-
Motor Sheave Make	-
Mtr Shv Mod# or Size (in)	-
Motor Sheave Bore (in)	-
VP Range	-
Center Distance (in)	-
No of Belts	-
Belt Make	-
Belt Size	-
Other Data	-

Electrical Data	
Motor Volts 3	-
Motor Amps 1	3.0
Motor Amps 2	-
Motor Amps 3	-
Operating HZ	43.00
Approx. BHP	
Corr. Nameplate Amps	
Starter Data	Internal to VFD
VFD Reference	Internal to VFD

SYSTEM/UNIT: MAU-01/Static Profile

Tested By: Guy Nunez
Date: 8/31/2023

Static Pressure Profile



Air Apparatus

PROJECT: Shake Shack 1434
LOCATION: Tukwila, WA
PROJECT #: 23327

DATE: 9/7/2023
CONTACT: Steve Burns

SYSTEM/UNIT: MAU-01/Kitchen Hood - Supply

Tested By: Guy Nunez
Date: 8/31/2023

Design Airflow (CFM)	
Des. Make-up Air	2228
Halton Design SP	Not Provided

Final Airflow (CFM)	
Act. Make-up Air	2185
Halton Actual SP	-

Filter Data	
MUA Filter (Type 1)	Manufacturer Specific
Qty MUA Filter (Type 1)	Manufacturer Specific
MUA Filter (Type 2)	-
Qty MUA Filter (Type 2)	-

Test Data	
PSP Length (in)	187
PSP Width (in)	12"
Correction Factor	0.83
Total MA Ak (sq ft)	12.93
Avg. MA Velocity (FPM)	169

Kitchen Hood Information	
Manufacturer	Captive Aire
Test Method	Perforated Supply

Fan

PROJECT: Shake Shack 1434
LOCATION: Tukwila, WA
PROJECT #: 23327

DATE: 9/7/2023
CONTACT: Steve Burns

SYSTEM/UNIT: KEF-01

Tested By: Guy Nunez
Date: 8/31/2023

Design Airflow (CFM)	
Design Airflow	2785
Design Grille Airflow	2785

Unit Design Data	
Submittal Make	Not Provided
Submittal Model #	Not Provided
Submittal Airflow	Not Provided
Sched./Sub. Volts	460
Sched./Sub. Phase	3
Sched./Sub. HP	3.0
Submittal BHP	Not Provided

Design Static Pressures (in wg)	
Design External SP	2.0
Submittal Total SP	Not Provided

Motor Nameplate Data	
Motor Make (tag)	TECO
Motor Frame (tag)	182T
Motor HP (tag)	3
Motor RPM (tag)	1755
Motor Volts (tag)	460
Motor Phase (tag)	3
Motor Amps (tag)	4.3
Motor S.F. (tag)	1.15
Mtr % PF (tag)	87.5
Mtr % Eff. (tag)	89.5
Other Motor Data	-

Drive Data	
Drive Type	Direct Drive
Sheave Type	-
Fan Sheave Make	-
Fan Shv Mod# or Size (in)	-
Fan Sheave Bore (in.)	-
Motor Sheave Make	-

Final Airflow (CFM)	
Actual Airflow	2848
Actual Grille Airflow	See KEH 1 and KEH 2
Fan CFM Test Method	See KEH 1 and KEH 2
Test Method Ak (sq ft)	See KEH 1 and KEH 2

Unit Data	
Make (tag)	Captive Aire
Model # (tag)	DU180HFA
Serial # (tag)	5904158
Unit Location	Roof
Unit Discharge	Upblast
Fan Service	Exhaust
Fan Type	Centrifugal (BI)
Fan Discharge	Upblast
Fan Arrangement	SWSI

Fan Design Data	
Submittal Motor RPM	Not Provided
Submittal Fan RPM	Not Provided

Fan Data	
Actual Fan RPM/Speed	Not Accessible
Actual Motor RPM	Not Accessible
Speed Cont. Position	Not Applicable

Electrical Data	
Measurement Method	V/A Meter
Motor Volts 1	461
Motor Volts 2	461
Motor Volts 3	461
Motor Amps 1	3.7
Motor Amps 2	3.7
Motor Amps 3	3.7
Operating HZ	47.9
Starter Data	Internal to VFD
Approx. BHP	2.59

Fan

PROJECT: Shake Shack 1434
LOCATION: Tukwila, WA
PROJECT #: 23327

DATE: 9/7/2023
CONTACT: Steve Burns

SYSTEM/UNIT: KEF-01

Tested By: Guy Nunez
Date: 8/31/2023

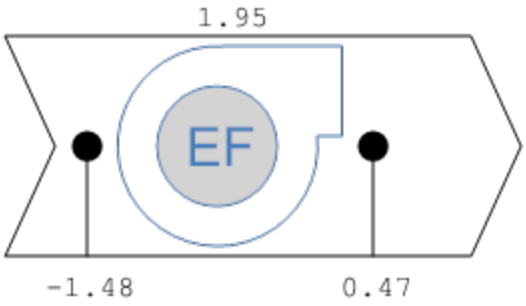
Drive Data	
Mtr Shv Mod# or Size (in)	-
Motor Sheave Bore (in.)	-
VP Range	-
Center Distance (in.)	-
No of Belts	-
Belt Make	-
Belt Size	-
Other Data	-

Electrical Data	
Corr. Nameplate Amps	4.3

SYSTEM/UNIT: KEF-01/Static Profile

Tested By: Guy Nunez
Date: 8/31/2023

Static Pressure Profile



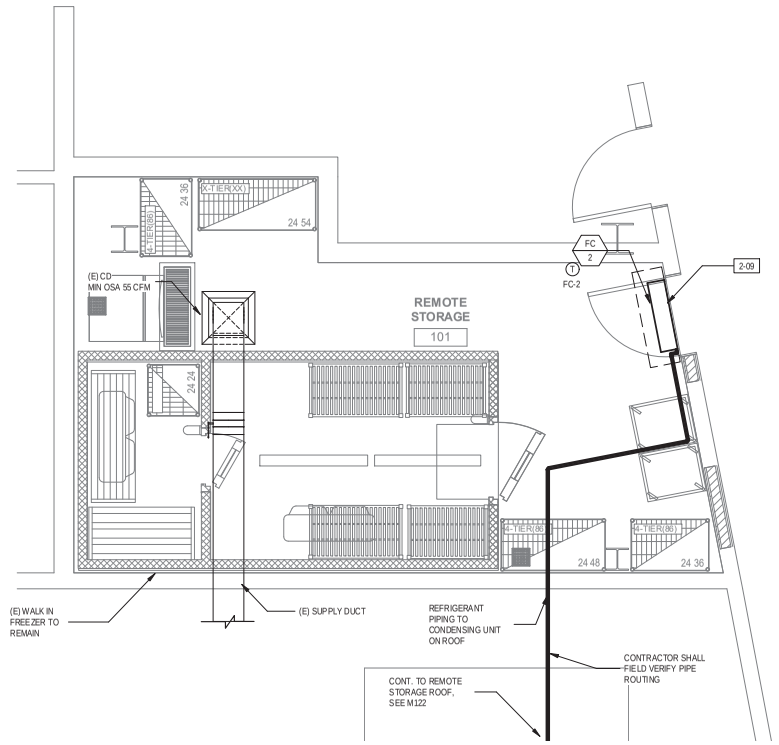
SYSTEM/UNIT: KEF-01/Kitchen Hood - Exhaust

Tested By: Guy Nunez
Date: 8/31/2023

Design Airflow (CFM)	
Design Exhaust CFM	2785
Halton Design SP	Not Provided

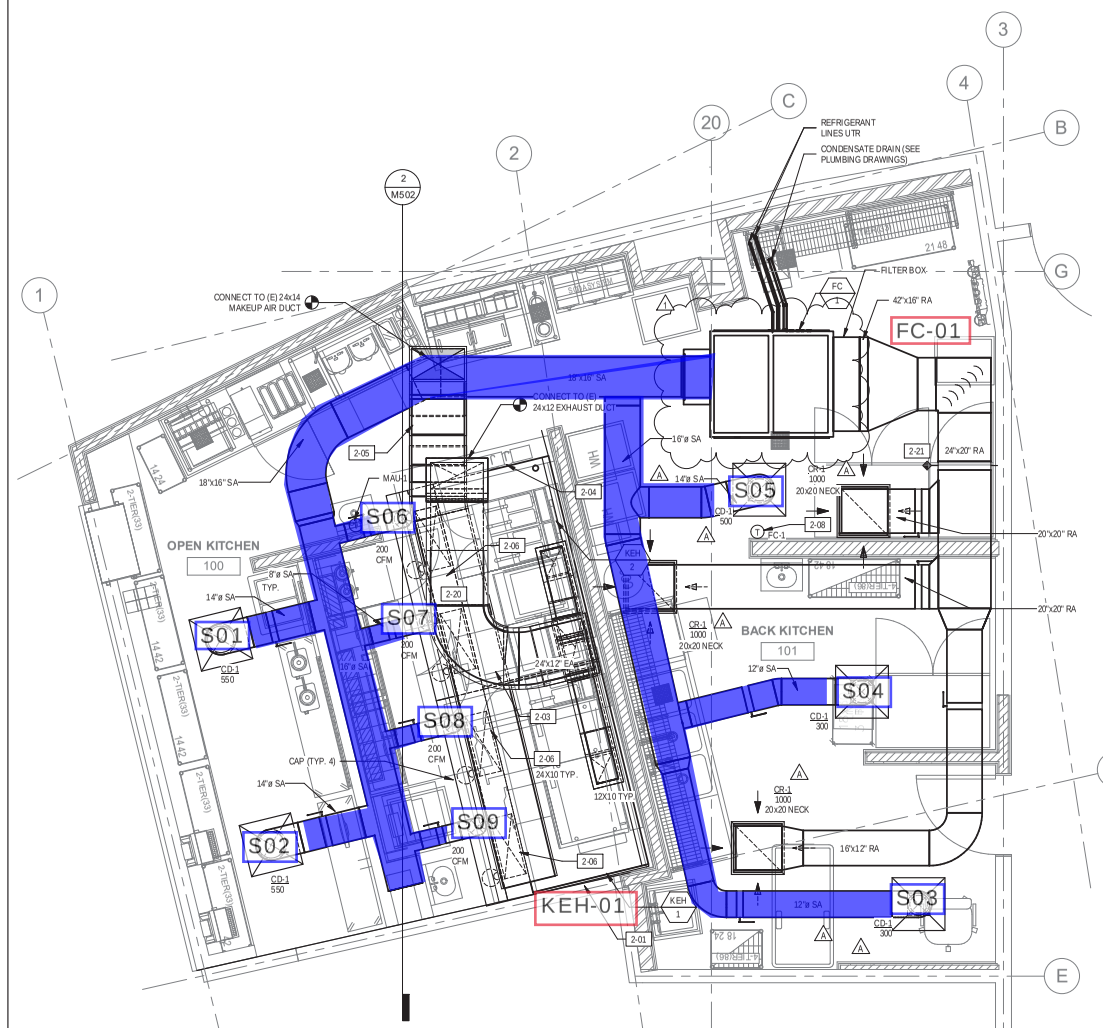
Final Airflow (CFM)	
Actual Exhaust CFM	2848
Halton Actual SP	-

Kitchen Hood Information	
Service	Cooking Surface
Manufacturer	Captive Aire
Model Number	5430 ND-2
Serial Number	5904158
Test Method	Filters



MECHANICAL 1ST FLOOR REMOTE STORAGE - DUCTWORK REMODEL 2

SCALE: 3/8" = 1'-0"



MECHANICAL 1ST FLOOR KITCHEN - DUCTWORK REMODEL 1

SCALE: 3/8" = 1'-0"

REMODEL KEY NOTES

201 KITCHEN HOOD AND HOOD FIRE SUPPRESSION CABINET FURNISHED BY CAPTIVEAIRE AND INSTALLED BY CONTRACTOR. REFER TO KITCHEN EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION. HOOD FIRE ALARM CONNECTION INSTALLED BY FIRE ALARM CONTRACTOR. COORDINATE EQUIPMENT FIRE PROTECTION REQUIREMENTS WITH THE FIRE PROTECTION CONTRACTORS PRIOR TO INSTALLATION.

203 PROVIDE TYPE 1 GREASE EXHAUST DUCT FROM KITCHEN EXHAUST HOOD TO EXISTING DUCTWORK UP TO NEW KITCHEN EXHAUST FAN. GREASE DUCT TO BE WRAPPED WITH FIRE WRAP TO MAINTAIN 0" CLEARANCE TO COMBUSTIBLE. DUCT SHALL BE SLOPED NO LESS THAN 1/4" VERTICAL PER 12" HORIZONTAL BACK TO THE KITCHEN HOOD.

204 INSTALL HOOD FIRE SUPPRESSION MANUAL PULL STATION. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH FIRE MARSHALL AND LOCAL CODE REQUIREMENTS.

205 PROVIDE MAKEUP AIR DUCTWORK FROM HOOD TO (E) DUCT, UP TO ROOF.

206 PROVIDE 24X10 SUPPLY DUCT DROP TO CONNECT TO EXISTING MAKEUP AIR SUPPLY RISER UP TO NEW MAKEUP AIR UNIT. BALANCE EACH CONNECTION TO AIRFLOW INDICATED ON THE HOOD MANUFACTURER DRAWINGS.

208 MOUNT THERMOSTAT AT 48" ABOVE FINISHED FLOOR. COORDINATE WITH ARCHITECT FOR EXACT LOCATION.

209 PROVIDE NEW FAN COIL UNIT AND MANUFACTURER THERMOSTAT. PIPING SHALL BE RUN FROM FAN COIL TO CONDENSING UNIT ON THE ROOF.

220 PROVIDE MIN 12X12 DUCT CLEANOUTS ON UN HORIZONTAL EXHAUST DUCTWORK EVERY 20 FEET AND NOT LESS THAN 10 FEET FROM ANY CHANGES IN DIRECTION GREATER THAN 45 DEGREES. FOR ACCESS DOOR CONSTRUCTION REQUIREMENTS SEE IMC 506.3.8.

221 PROVIDE DUCT SMOKE DETECTOR. SEE FIRE PROTECTION DRAWINGS FOR MORE INFORMATION

GENERAL NOTES

1. WHERE ENCLOSURES ARE NOT REQUIRED, HOOD, GREASE REMOVAL DEVICES, EXHAUST FANS, AND DUCTS SHALL HAVE A CLEARANCE OF NOT LESS THAN 18 INCHES TO COMBUSTIBLE MATERIAL, 3 INCHES TO LIMITED-COMBUSTIBLE MATERIAL, AND 0 INCHES TO NONCOMBUSTIBLE MATERIAL.

2. TENANT SHALL HAVE ALL ROOF TOP UNITS AND EQUIPMENT LABELED WITH TENANT NAME, SPACE NUMBER & EQUIPMENT IDENTIFIER - I.E. RTU-1, EF-1, ETC. IN ACCORDANCE WITH LANDLORD'S STANDARD PROJECT DETAILS.

3. TENANT'S ROOFTOP AND SUSPENDED HVAC EQUIPMENT MUST BE SUPPORTED IN STRICT ACCORDANCE WITH LANDLORD'S STANDARD PROJECT DETAILS. THE TENANT IS RESPONSIBLE FOR VERIFYING THAT THE EXISTING STRUCTURAL ROOF FRAMING MEMBERS ARE PROPERLY SIZED AND SPACED TO ACCOMMODATE TENANT'S EQUIPMENT AS LOCATED BY TENANT'S DRAWINGS. IF TENANT'S EQUIPMENT OR OTHER CUPPORTED LOADS EXCEED THE MAXIMUM ALLOWED BY LANDLORD'S STANDARD PROJECT DETAILS OR, IF IN THE LANDLORD'S OPINION, SUCH LOADS REQUIRE SUPPLEMENTAL STRUCTURAL ANALYSIS, TENANT SHALL, AT TENANT'S EXPENSE, EMPLOY A STRUCTURAL ENGINEER, LICENSED IN THE AREA OF JURISDICTION WHERE THE WORK IS TO BE PERFORMINED, TO EVALUATE AND DESIGN THE REQUIRED SUPPORT NECESSARY TO MAINTAIN THE STRUCTURAL INTEGRITY OF LANDLORD'S INVESTMENT. ALL STRUCTURAL CALCULATIONS AND MODIFICATIONS ARE SUBJECT TO A PEER REVIEW OF TENANT'S PLANS FROM LANDLORD'S STRUCTURAL ENGINEER OF RECORD, UNDER CONTRACT WITH THE TENANT, AT TENANT'S EXPENSE.

4. ALL WORK AFFECTING OR PERTAINING TO THE ROOF, INCLUDING ROOF PENETRATION AND INSTALLATION OF STRUCTURAL SUPPORTS, CURBING, AND FLASHING ON OR TO THE ROOF, SHALL BE PERFORMED IN ACCORDANCE WITH LANDLORD'S STANDARD PROJECT DETAILS. ALL ROOF WORK, INCLUDING CUTTING OF THE ROOF MEMBRANE, REPAIR, OR MAINTENANCE OF SUCH WORK SHALL ONLY BE PERFORMED BY THE LANDLORD'S DESIGNATED ROOF CONTRACTOR UNDER CONTRACT WITH THE TENANT, AT TENANT'S EXPENSE.

5. TENANT'S CONTRACTOR WILL BE REQUIRED TO PHYSICALLY LAY OUT ALL ROOF TOP EQUIPMENT FOR LANDLORD'S RETAIL DELIVERY MANAGER'S REVIEW AND APPROVAL PRIOR TO ANY NEW PENETRATIONS BEING MADE OR THE INSTALLATION OF ANY EQUIPMENT. ALL EXHAUST DUCTS MUST BE A MINIMUM OF 10'-0" AWAY (OR MORE) FROM THE NEAREST INTAKES. EQUIPMENT SHALL NOT BE INSTALLED ON SLEEPERS - PREMANUFACTURED CURBS ONLY.

6. ALL GREASE DUCT ACCESS/CLEAN OUT DOORS TO BE DUCTMATE ULTIMATE DOOR® WELD ON U.L. RATED GREASE DUCT DOORS. ALL ACCESS/CLEAN OUT DOORS FOR GREASE DUCT TO BE PURCHASED FROM OWNER NATIONAL ACCOUNT VENDOR ENVIROMATIC. ALL GREASE DUCT TO BE WATER LEAK TESTED BY ENVIROMATIC AT THE MECHANICAL CONTRACTORS EXPENSE. CONTACT OWNER NATIONAL ACCOUNT VENDOR: DON PFLEDERER 1-800-325-8476 INSPECTIONS@ENVIROMATIC.COM

7. THE BUILDING'S HVAC SYSTEMS SHALL BE BALANCED BY NATIONAL TAB (NO EXCEPTIONS) AND CONTRACTED BY THE GENERAL CONTRACTOR. CONTACT: WILL TURNBOUGH WILL@NATIONALTAB.COM 855-682-6822 EXT.704

zebra
ZEBRA ARCHITECTURE, PLLC.
14614 N KIERLAND BLVD. SUITE N 300
SCOTTSDALE, ARIZONA 85254
PHONE: 480.912.1169 zbr.global.co.uk

INFRASTRUCTURE FACTOR CONSULTING, INC.
2361 Rosecrans Ave. Suite 358, El Segundo, CA 90245
P: 310.725.1500 F: 310.725.0215 www.iFactor.com

STORE NO: 1431

SHAKE SHACK
SOUTHCENTER MALL
2800 SOUTHCENTER MALL PLACE FC01
TUKWILA, WA 98188

REVISION

△	DATE	DESCRIPTION
	02/17/23	PERMIT/ BID SET
A	4/10/2	
1	4/24/2	

STATUS:

FIELD VERIFICATION:
The contractor shall verify all figured dimensions and condition at the project site and notify Zebra Architecture, PLLC. of any dimensional errors, or omissions or discrepancies before beginning or fabricating any work. Do not scale these drawings.

SHEET NAME:
MECHANICAL OVERALL REMODEL 1ST FLOOR PLAN

DATE:	PROJECT NO:
02/10/23	36138
DRAWN: EJ	SCALE: 3/8" = 1'-0"

SHEET NO:
M112