Comfort. Under control.

02-06-23 RED ROBIN GLENDALE AZ

CheckList Information

Name :	TECH - STEP 1: INITIAL WALKTHROUGH	**Status :**	NotSubmitted
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		

CheckList Item Details

INITIAL SITE WALKTHROUGH

All diffusers and grilles are installed and match design?	
All hood filters installed and accounted for?	
Hoods are wired and have power?	
Hood is free of alarms?	
Thermostats have power?	
Have trades/general contractor been notified about any issues and are they created on FaciliBuild?	

Notes/Comments :

Comfort. Under control.

02-06-23 RED ROBIN GLENDALE AZ

CheckList Information

Name :	TECH - STEP 2: UNIT DATA AND EVAL	**Status :**	NotSubmitted
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		

CheckList Item Details

UNIT DATA AND EVALUATION WHILE GATHERING UNIT DATA CHECK THE FOLLOWING:	
RTU's/AHU's	
Economizers are assembled and functional?	
DCV Max damper opening position is set to minimum?	
Free cooling enthalpy set point set for lowest setting (Typically "D")	
Motors are all operating below the FLA rating?	
Are belts tight?	
If direct drive unit is the speed controller working.	
Is gas piping installed and valves turned on?	
Unit free of noticeable noise and vibration	
EF's	
Rotation is correct?	
Belts are tight?	
Grease cup installed on hood fan?	
Hinge kit installed installed on hood fan?	
Lean fan back. Is grease duct installation adequate and is duct ran all the way to the base of the fan?	

Flex conduit is long enough so that fan can be completely tilted back?	
There is no major leakage around base of fan?	
Is the motor operating below the motor FLA rating?	
For restroom fan(s) is the back draft damper installed and can it fully open?	
Unit free of noticeable noise and vibration?	
MUA	
Rotation is correct?	
Gas piping is installed and valves are in on position?	
Heater tested and is functional?	
Internal motorized damper is fully opening?	
Motor is operating below the FLA rating?	
Unit free of noticeable noise and vibration?	
HOODS	
Kitchen equipment installed in proper places?	
Can kitchen equipment be turned on for final smoke test?	
DOCUMENTATION	
Have trades/general contractor been notified about any issues and are they created on FaciliBuild?	

Notes/Comments :

Comfort. Under control.

02-06-23 RED ROBIN GLENDALE AZ

CheckList Information

Name :	TECH - STEP 3: TEST, ADJUST AND BALANCE	**Status :**	NotSubmitted
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		

CheckList Item Details

TEST, ADJUST, AND BALANCE ALL EQUIPMENT:

DURING TESTING MAKE NOTE OF THE FOLLOWING:

Is space free of drafting?	
Is space comfortable in all areas?	
Is the space free of ventilation noise?	
If deviations from design were necessary to resolve 1-3 what were they? Otherwise put "NA".	

Notes/Comments :

Comfort. Under control.

02-06-23 RED ROBIN GLENDALE AZ

CheckList Information

Name :	TECH - STEP 4: FINAL TESTS	**Status :**	NotSubmitted
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		

CheckList Item Details

FINAL TESTS	
HOOD CAPTURE TEST	
List equipment turned on for testing	
List smoke candle type used	
Smoke test capture - Perimeter of hood	
Smoke test capture - Top of cooking surface	
WITNESS	
Date test was completed	
TAB tech name / Firm	
Site super name / Firm	
Owner representative name / Firm (if Applicable)	
Building pressure at front & back doors (All Systems On)	
ADDITIONAL	
Do actual net building airflow, design net building airflow, and pressure coincide? If not why? (All three should either be positive or negative)	
Thermostats are programmed?	

Notes/Comments :

Comfort. Under control.

02-06-23 RED ROBIN GLENDALE AZ

CheckList Information

Name :	TECH - STEP 5: FINAL DOCUMENTATION	**Status :**	NotSubmitted
Assigned Organization :	National TAB	**Asset :**	
Requesting Organization :	National TAB		

CheckList Item Details

FINAL DOCUMENTATION

Marked Data capture complete for all assets?	
Picture file sent to processing team or uploaded?	
Balance schedule complete and uploaded?	
Prelim report generated and reviewed?	

Notes/Comments :

National TAB

Project: 02-06-23 RED ROBIN GLENDALE AZ

System/Unit: AHU/RTU

Comfort. Under control.

Asset: DOAS1 AREA:

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Serial Num	-	
Model Num	CASTRU3-I4.400-20T-DOAS	CASTRU3-I4.400-20T-DOAS
Type	DOAS	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	3	
Rated Voltage	208	
Rated Amperage	-	

Drive Data		
	Design	**Actual**
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt Size	-	
Belt Alignment	-	

Test Data		
	Design	**Actual**
SF CFM	4900	
SF RPM	-	
RA CFM	4900	
OA CFM	0	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.5	
Fan Total SP	-	

General		
	Design	**Actual**
Fan Rotation Correct	-	
Unit Filters Clean	-	
Condensate Drain Installed	-	

Completed By: Wale Odofin

Notes:

National TAB

Project:02-06-23 RED ROBIN GLENDALE AZ

AHU/RTU

Comfort. Under control.

Diffuser Supply (GRD)

DOAS1/

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	TO- GO	CSD2	10"	310					-
SGRD2	COOKLINE	CSD3	10"	300					-
SGRD3	EXPO	CSD2	12'	470					-
SGRD4	EXPO	CSD2	12"	460					-
SGRD5	COOKLINE	CSD3	10"	300					-
SGRD6	EXPO	CSD2	12"	470					-
SGRD7	COOKLINE	CSD3	10"	300					-
SGRD8	WASH	CSD3	10"	300					-
SGRD9	FOOD PREP	CSD3	12"'	460					-
SGRD10	RECEIVING	CSD2	12"	460					-
SGRD11	RECEIVING	CSD2	12"	435					-
SGRD12	OFFICE	CSD2	12"	435					-
SGRD13	FIRE RISER	CSD2	8"	200					-

Completed By: Wale Odofin on

National TAB

Project: 02-06-23 RED ROBIN GLENDALE AZ

System/Unit: AHU/RTU

Comfort. Under control.

Asset: RTU1 AREA:DINING

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Serial Num	-	
Model Num	CASTRU-I.300-20-12.5T-DOAS	CASTRU-I.300-20-12.5T-DOAS
Type	DOAS	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	3	
Rated Voltage	208	
Rated Amperage	-	

Drive Data		
	Design	**Actual**
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt Size	-	
Belt Alignment	-	

Test Data		
	Design	**Actual**
SF CFM	4800	
SF RPM	-	
RA CFM	2920	
OA CFM	1880	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.5	
Fan Total SP	-	

General		
	Design	**Actual**
Fan Rotation Correct	-	
Unit Filters Clean	-	
Condensate Drain Installed	-	

Completed By: Wale Odofin

Notes:

National TAB

Project:02-06-23 RED ROBIN GLENDALE AZ

AHU/RTU

Comfort. Under control.

Diffuser Supply (GRD)

RTU1/DINING

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	DINING	CSD2	12"	425					-
SGRD2	DINING	CSD2	12"	425					-
SGRD3	DINING	CSD2	12"	425					-
SGRD4	DINING	CSD2	12"	425					-
SGRD5	DINING	CSD2	12"	425					-
SGRD6	DINING	PSD3	8"	165					-
SGRD7	DINING	PSD3	8"	165					-
SGRD8	DINING	PSD3	8"	165					-
SGRD9	DINING	PSD3	8"	165					-
SGRD10	DINING	PSD3	8"	165					-
SGRD11	DINING	CSD2	12"	425					-
SGRD12	DINING	CSD2	12"	425					-
SGRD13	DINING	CSD2	12"	425					-
SGRD14	DINING	CSD2	12"	425					-
SGRD15	HALL	CSD1	6"	75					-
SGRD16	RESTROOM	CSD1	6"	75					-

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National TAB

Project: 02-06-23 RED ROBIN GLENDALE AZ

System/Unit: AHU/RTU

Comfort. Under control.

Asset: RTU2 AREA:KITHCHEN

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE `	CAPTIVEAIRE `
Serial Num	-	
Model Num	CASTRU-I-150-15.6T-DOAS	CASTRU-I-150-15.6T-DOAS
Type	DOAS	
Configuration	VERTICAL	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	3	
Rated Voltage	208	
Rated Amperage	-	

Drive Data		
	Design	**Actual**
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt Size	-	
Belt Alignment	-	

Test Data		
	Design	**Actual**
SF CFM	2500	
SF RPM	-	
RA CFM	1890	
OA CFM	610	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.5	
Fan Total SP	-	

General		
	Design	**Actual**
Fan Rotation Correct	-	
Unit Filters Clean	-	
Condensate Drain Installed	-	

Completed By: Wale Odofin

Notes:

National TAB

Project:02-06-23 RED ROBIN GLENDALE AZ

AHU/RTU

Comfort. Under control.

Diffuser Supply (GRD)

RTU2/KITHCHEN

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
SGRD1	VESTIBLE	CSD1	6"	100					-
SGRD2	ENTRY	CSD2	8"	200					-
SGRD3	ENTRY	CSD2	8"	200					-
SGRD4	LOUNGE	CSD2	8"	200					-
SGRD5	LOUNGE	CSD2	8"	200					-
SGRD6	LOUNGE	CSD2	8"	200					-
SGRD7	LOUNGE	CSD2	8"	200					-
SGRD8	LOUNGE	CSD2	8"	150					-
SGRD9	LOUNGE	CSD2	8"	200					-
SGRD10	BAR	CSD2	8"	200					-
SGRD11	BAR	CSD2	8"	200					-
SGRD12	BAR	CSD2	8"	200					-

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National TAB

Project: 02-06-23 RED ROBIN GLENDALE AZ

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF1 AREA:

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	CASRE20DD	CASRE20DD
Serial Num	-	
Type	UTILITY	
Configuration	VERTICAL	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	3	
Voltage (rated)	208	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	**Actual**
CFM	3500	
Fan RPM	1449	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	2.0"	
Fan Inlet SP	-	
Fan Discharge SP	-	

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Notes:

National TAB

Project: 02-06-23 RED ROBIN GLENDALE AZ

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF2 AREA:

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU180HFA	DU180HFA
Serial Num	-	
Type	UPBLAST	
Configuration	VERTICAL	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	3	
Voltage (rated)	208	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	**Actual**
CFM	2063	
Fan RPM	1155	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	1.5"	
Fan Inlet SP	-	
Fan Discharge SP	-	

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Notes:

National TAB

Project: 02-06-23 RED ROBIN GLENDALE AZ

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF3 AREA:

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DR33HFA	DR33HFA
Serial Num	-	
Type	DOWNBLAST	
Configuration	VERTICAL	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	**Actual**
CFM	900	
Fan RPM	1593	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.4"	
Fan Inlet SP	-	
Fan Discharge SP	-	

Completed By: Wale Odofin

Notes:

National TAB

Project: 02-06-23 RED ROBIN GLENDALE AZ

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF4 AREA:

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DR12HFA	DR12HFA
Serial Num	-	
Type	DOWNBLAST	
Configuration	VERTICAL	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	**Actual**
CFM	300	
Fan RPM	1415	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.619"	
Fan Inlet SP	-	
Fan Discharge SP	-	

Completed By: Wale Odofin

Notes:

National TAB

Project:02-06-23 RED ROBIN GLENDALE AZ

FAN - Exhaust

Comfort. Under control.

Diffuser Ret/Exh (GRD)

EF4/

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
EGRD1	W. RESTROOM	CEG1	6X6	150					-
EGRD2	M. RESTROOM	CEG1	6X6	150					-

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National TAB

Project: 02-06-23 RED ROBIN GLENDALE AZ

System/Unit: Kitchen Hood Type I

Comfort. Under control.

Asset: HD1 AREA:

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5430ND-2	5430ND-2
Job / Serial Num	-	
Type	TYPE I CANOPY	
Hood length	110"	
Hood Width	54"	

Test Data Exhaust		
	Design	**Actual**
Filter Type	CAPTRATE SOLO.	
Filter Size 1	16X20	
Filter Size 2	-	
Filter Qty 1	6	
Filter Qty 2	-	
Filter AK factor size 1	2.08	
Filters AK factor size 2	-	
Filter Total AK Area	12.48	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	2063	

Cooking Equipment		
	Design	**Actual**
Item 1	-	
Item 2	-	

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Notes:

National TAB

Project: 02-06-23 RED ROBIN GLENDALE AZ

System/Unit: Kitchen Hood Type I

Comfort. Under control.

Asset: HD2 AREA:

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	5430ND-2	5430ND-2
Job / Serial Num	-	
Type	TYPE I CANOPY	
Hood length	168"	
Hood Width	54"	

Test Data Exhaust		
	Design	**Actual**
Filter Type	CAPTRATE SOLO	
Filter Size 1	16X20	
Filter Size 2	-	
Filter Qty 1	10	
Filter Qty 2	-	
Filter AK factor size 1	2.08	
Filters AK factor size 2	-	
Filter Total AK Area	20.8	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	3500	

Cooking Equipment		
	Design	**Actual**
Item 1	-	
Item 2	-	

Completed By: Wale Odofin

Notes:

National TAB

Project: 02-06-23 RED ROBIN GLENDALE AZ

System/Unit: Kitchen Hood Type II

Comfort. Under control.

Asset: HD3 AREA:

Unit Data		
	Design	**Actual**
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	4224 VHB-G	4224 VHB-G
Serial Num	-	
Type	TYPE II CANOPY	
Hood length	72"	
Hood Width	42"	

Test Data		
	Design	**Actual**
Exhaust CFM	900	

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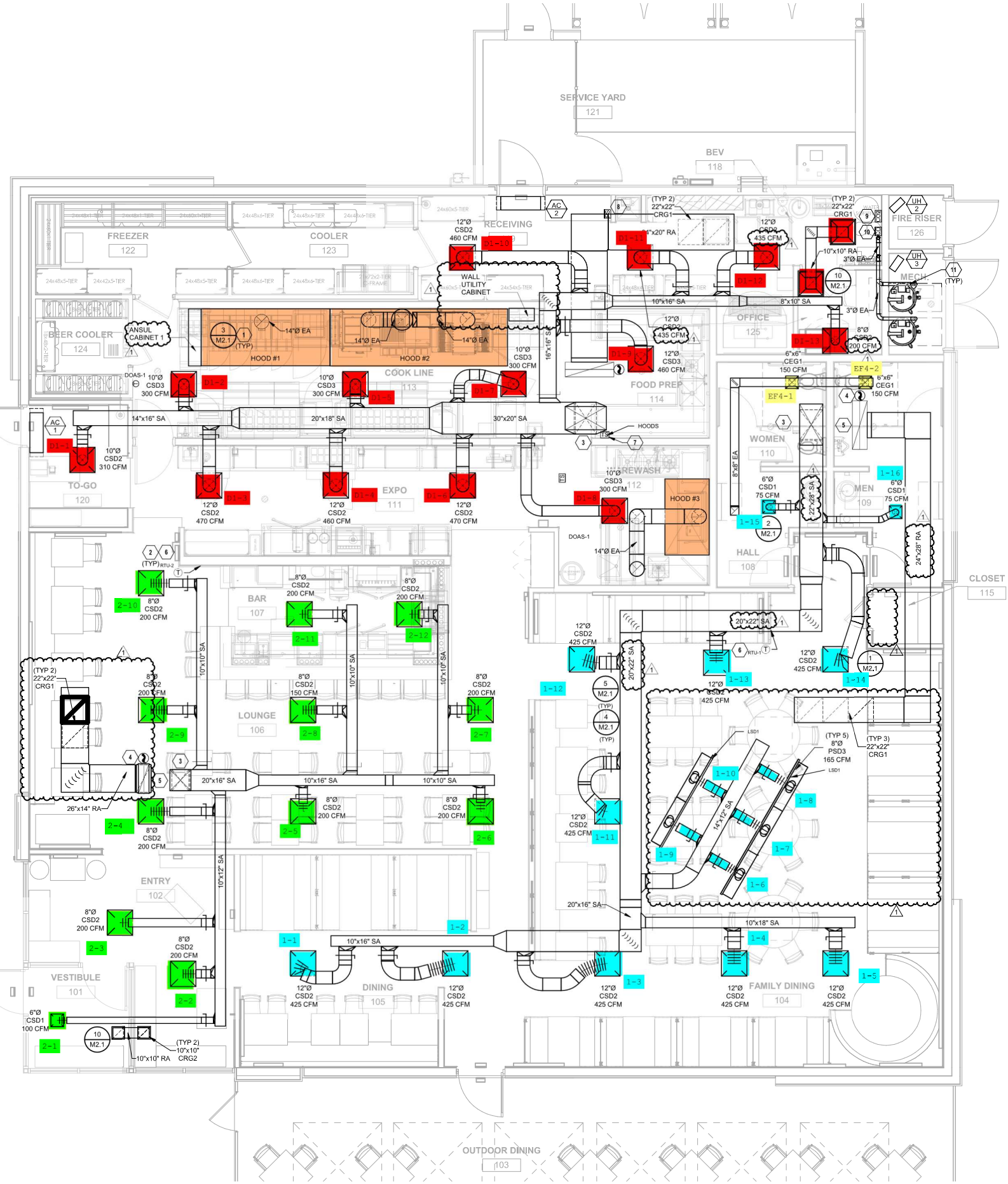
Notes:


SERVICE YARD
121
BEV
118
FREEZER
122
COOLER
123
RECEIVING
FIRE RISER
126
BEER COOLER
124
ANSUL CABINET 1
WALL UTILITY CABINET
MECH.
OFFICE
125
HOOD #1
HOOD #2
COOK LINE
113
FOOD PREP
114
HOODS
TO-GO
120
EXPO
111
DISHWASH
112
HOOD #3
WOMEN
110
MEN
109
HALL
108
CLOSET
115
BAR
107
LOUNGE
106
ENTRY
102
VESTIBULE
101
DINING
105
FAMILY DINING
104
OUTDOOR DINING
103