

# TAB Punch List for CFA 5308

Prepared by Will T

Aug 6, 2024

## Description

14 tasks in this report.

## Contents

#140 [CNTL 515] [NEW] OCC/UNOCC hood sequence.....	2
#139 [DUCT 499] [NEW] CRITICAL (MISC) – Diffuser low on airflow .....	4
#138 [UNIT 499] [NEW] CRITICAL (MISC) – AC5 airflow is above design.....	7
#137 [UNIT 523] [NEW] Trane powered exhaust.....	9
#136 [EXHA 506] [NEW] Exhaust fan discharge nozzle.....	10
#135 [UNIT 510] [NEW] Gas inlet grommet.....	12
#134 [UNIT 501] [NEW] Equipment low voltage diagrams.....	14
#133 [UNIT 504] [NEW] Equipment Fresh Air Tempering.....	17
#132 [HOOD 999] [NEW] (MISC) Adjustment slider missing screw.....	19
#131 [EXHA 507] [NEW] Exhaust fan drain line.....	21
#130 [EXHA 511] [NEW] Grease exhaust duct curb cap.....	23
#129 [CNTL 509] [NEW] Ansul pull labeling.....	26
#128 [CNTL 508] [NEW] Controls labeling.....	28
#127 [UNIT 517] [NEW] Condensate piping construction.....	32

## #140 [CNTL 515] [NEW] OCC/UNOCC hood sequence.

**Status**

Pending

**Start Date**

Aug 1, 2024

**Type**

Planned Work

**Created**

Aug 1, 2024 9:39 AM  
jacobd@nationaltab.com

**List**

5.1 Test & Balance Review

**Last Updated**

Aug 1, 2024 11:26 AM

**Description**

Store occupied / unoccupied switch does not properly alter hood sequence. This is causing a big negative pressure overnight that the building is trying to compensate for, causing condensation on the inside.

**Comments**

EC talked with tech support and discovered that hood panel was not programmed from factory. This has been corrected and status is changed to pending.

Jacob Davidson Aug 1, 2024

**Photos**



IMG\_8446

Jacob Davidson

Aug 1, 2024 9:39 AM



IMG\_8448

Jacob Davidson

Aug 1, 2024 9:39 AM



IMG\_8447

Jacob Davidson

Aug 1, 2024 9:39 AM

## #139 [DUCT 499] [NEW] CRITICAL (MISC) – Diffuser low on airflow

**Status**

Open

**Start Date**

Jul 31, 2024

**Type**

Planned Work

**Created**

Jul 31, 2024 4:24 PM  
jacobd@nationaltab.com

**List**

5.1 Test & Balance Review

**Last Updated**

Jul 31, 2024 4:25 PM

**Description**

Diffuser 11 on AC2 has low airflow at 140CFM of 225CFM design. The damper has been checked and is fully open. There are also no problems with the duct or flex. The diffuser is in the middle of the dining area where it is not anticipated to affect comfort levels in the space.

**Photos**



IMG\_8436

Jacob Davidson

Jul 31, 2024 4:24 PM



IMG\_8437

Jacob Davidson

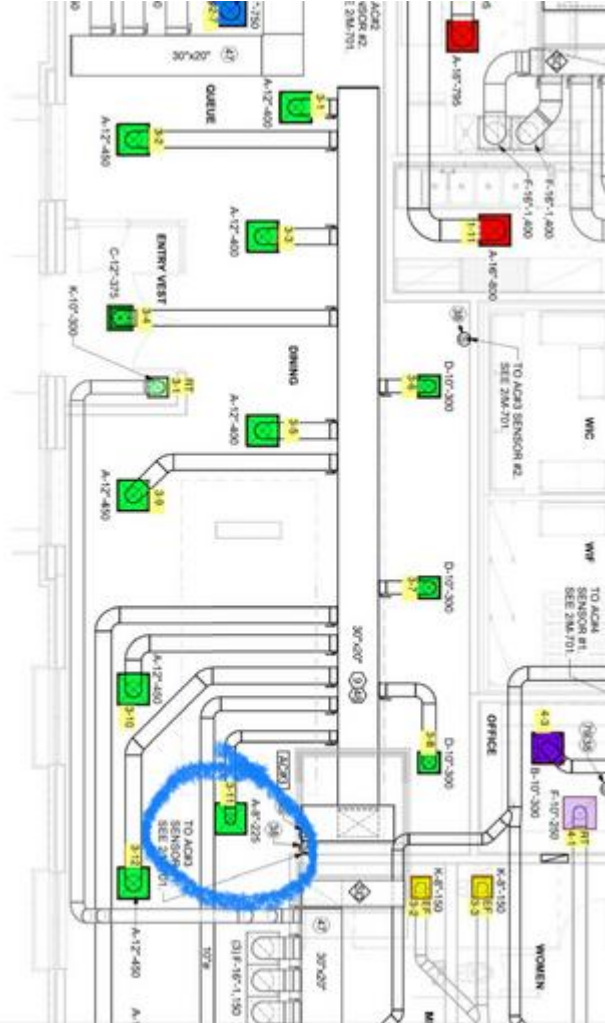
Jul 31, 2024 4:24 PM



IMG\_8434

Jacob Davidson

Jul 31, 2024 4:24 PM



IMG\_8435

Jacob Davidson

Jul 31, 2024 4:24 PM

## #138 [UNIT 499] [NEW] CRITICAL (MISC) – AC5 airflow is above design

**Status**

Open

**Start Date**

Jul 31, 2024

**Type**

Planned Work

**Created**

Jul 31, 2024 10:41 AM  
jacobd@nationaltab.com

**List**

5.1 Test & Balance Review

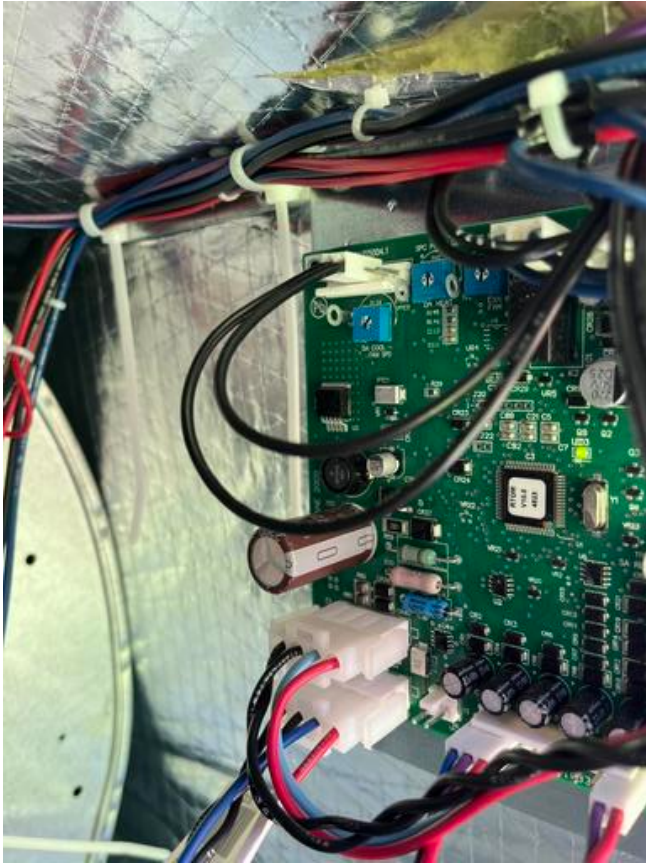
**Last Updated**

Aug 6, 2024 1:28 PM

**Description**

At high speed it is scheduled for 1200 CFM and it is getting 1570 CFM. The potentiometer for speed control has been reduced to the minimum position. Consult Trane to determine if airflow is acceptable as is.

**Photos**



IMG\_8421

Jacob Davidson

Jul 31, 2024 1:27 PM

# #137 [UNIT 523] [NEW] Trane powered exhaust.

## Status

Open

## Start Date

Jul 31, 2024

## Sheet

M-601

## Type

Planned Work

## Created

Jul 31, 2024 10:32 AM  
jacobd@nationaltab.com

## List

5.1 Test & Balance Review

## Last Updated

Jul 31, 2024 10:39 AM

## Description

AC4 is scheduled to have powered exhaust that is not installed on the unit.

GAS FIRED ROOFTOP UNIT SCHEDULE											
UNIT	TRANE MODEL	TRANE SERIAL	TRANE DATE	TRANE SIZE	TRANE TYPE	TRANE EFF	TRANE VOL	TRANE CAP	TRANE WGT	TRANE HGT	TRANE WID
523	RTU-1000	1000000000	07/31/2024	1000	RTU	1000	1000	1000	1000	1000	1000

HOOD SCHEDULE											
UNIT	TRANE MODEL	TRANE SERIAL	TRANE DATE	TRANE SIZE	TRANE TYPE	TRANE EFF	TRANE VOL	TRANE CAP	TRANE WGT	TRANE HGT	TRANE WID
523	RTU-1000	1000000000	07/31/2024	1000	RTU	1000	1000	1000	1000	1000	1000

## Photos



IMG\_8416

Jacob Davidson

Jul 31, 2024 10:34 AM

## #136 [EXHA 506] [NEW] Exhaust fan discharge nozzle.

**Status**  
Open

**Start Date**  
Jul 30, 2024

**Sheet**  
M-501

**Type**  
Planned Work

**Created**  
Jul 30, 2024 3:48 PM  
jacobd@nationaltab.com

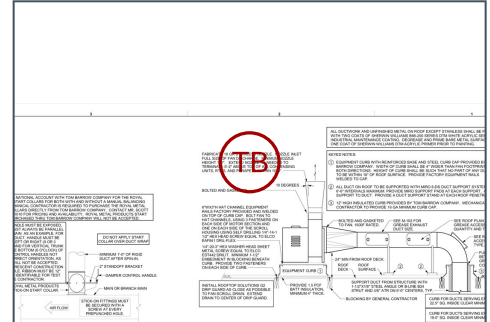
**List**  
5.1 Test & Balance Review

**Last Updated**  
Jul 31, 2024 10:35 AM

### Description

Exhaust fan discharge nozzle is not constructed to kitchen hood exhaust fan detail. Fans are within 10' of parapet walls or RTU and do not extend 2" above.

### Photos



L05308\_Lebanon Plaza FSU (PA)

1147 Quentin Road, Lebanon, Pennsylvania

L1020005308



IMG\_8417

Jacob Davidson

Jul 31, 2024 10:35 AM



IMG\_8376

Jacob Davidson

Jul 30, 2024 3:49 PM



IMG\_8408

Jacob Davidson

Jul 30, 2024 3:49 PM

## #135 [UNIT 510] [NEW] Gas inlet grommet.

**Status**

Open

**Start Date**

Jul 30, 2024

**Type**

Planned Work

**Created**

Jul 30, 2024 3:42 PM  
jacobd@nationaltab.com

**List**

5.1 Test & Balance Review

**Last Updated**

Jul 30, 2024 3:43 PM

**Description**

AC gas inlet grommet is missing at the gas line/RTU penetration point. Only missing on AC1, AC2, and AC3. MC stated the units did not come with grommets for gasline.

**Photos**



IMG\_8368

Jacob Davidson

Jul 30, 2024 3:43 PM



IMG\_8369

Jacob Davidson

Jul 30, 2024 3:43 PM



IMG\_8367

Jacob Davidson

Jul 30, 2024 3:43 PM

# #134 [UNIT 501] [NEW] Equipment low voltage diagrams

**Status**

Pending

**Start Date**

Jul 30, 2024

**Sheet**

M-701

**Type**

Planned Work

**Created**

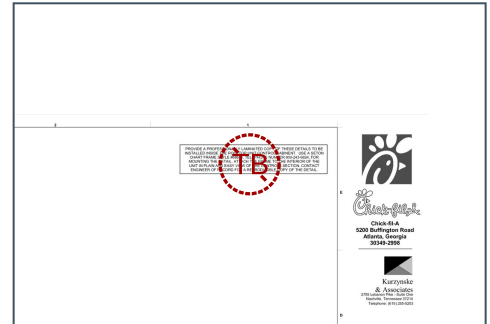
Jul 30, 2024 3:39 PM  
jacobd@nationaltab.com

**List**

5.1 Test & Balance Review

**Last Updated**

Jul 31, 2024 4:48 PM



**Description**

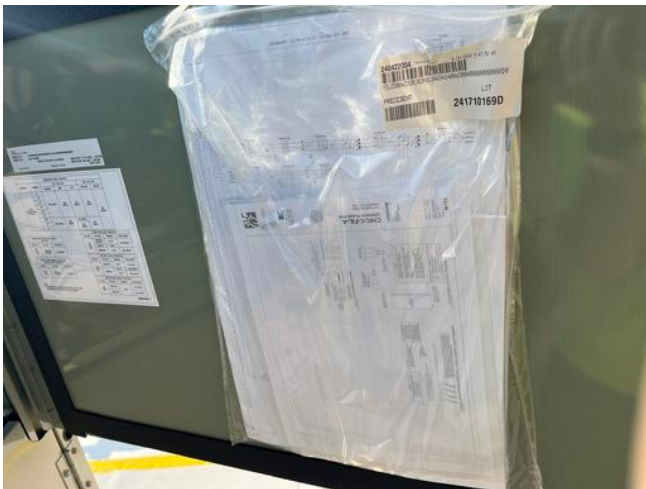
Equipment missing laminated copy of controls detail low voltage wiring diagrams. MC is aware and is getting copies made at their office.

**Comments**

Laminated copies of wiring added by MC. Ready to close out

Jacob Davidson Jul 31, 2024

**Photos**



IMG\_8438  
Jacob Davidson  
Jul 31, 2024 4:47 PM



IMG\_8439  
Jacob Davidson  
Jul 31, 2024 4:47 PM



IMG\_8442

Jacob Davidson

Jul 31, 2024 4:47 PM



IMG\_8440

Jacob Davidson

Jul 31, 2024 4:47 PM



IMG\_8441

Jacob Davidson

Jul 31, 2024 4:47 PM



IMG\_8405

Jacob Davidson

Jul 30, 2024 3:40 PM



IMG\_8406

Jacob Davidson

Jul 30, 2024 3:40 PM



IMG\_8413

Jacob Davidson

Jul 30, 2024 3:40 PM

## #133 [UNIT 504] [NEW] Equipment Fresh Air Tempering.

**Status**  
Open

**Start Date**  
Jul 30, 2024

**Sheet**  
M-601

**Type**  
Planned Work

**Created**  
Jul 30, 2024 3:33 PM  
jacobd@nationaltab.com

**List**  
5.1 Test & Balance Review

**Last Updated**  
Jul 30, 2024 3:35 PM

### Description

Units with Fresh Air Tempering kits are to have the discharge sensor routed per specification into the discharge duct via wiring portal. If Trane set turn-on/turn-off temps to 60/65 in Kitchen, 62/67 in Drive-Thru/Serving, 63/68 in Dining/Play Area. Specified in options for each unit but not installed

### Photos



IMG\_8406  
 Jacob Davidson  
 Jul 30, 2024 3:35 PM



IMG\_8413  
 Jacob Davidson  
 Jul 30, 2024 3:35 PM

**L05308\_Lebanon Plaza FSU (PA)**

1147 Quentin Road, Lebanon, Pennsylvania

L1020005308



IMG\_8405

**Jacob Davidson**

Jul 30, 2024 3:35 PM

---

## #132 [HOOD 999] [NEW] (MISC) Adjustment slider missing screw

**Status**

Open

**Start Date**

Jul 30, 2024

**Type**

Planned Work

**Created**

Jul 30, 2024 3:26 PM  
jacobd@nationaltab.com

**List**

5.1 Test & Balance Review

**Last Updated**

Jul 30, 2024 3:28 PM

**Description**

Adjustment slider for the filters on Hood1L is missing a screw on the bottom.

**Photos**



IMG\_8386

**Jacob Davidson**

Jul 30, 2024 3:28 PM

## #131 [EXHA 507] [NEW] Exhaust fan drain line.

**Status**  
Pending

**Start Date**  
Jul 29, 2024

**Sheet**  
A-230

**Type**  
Planned Work

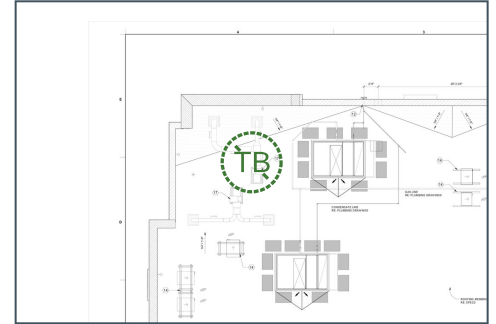
**Created**  
Jul 29, 2024 1:57 PM  
jacobd@nationaltab.com

**List**  
5.1 Test & Balance Review

**Last Updated**  
Jul 30, 2024 1:48 PM

### Description

Exhaust fan drain is not properly installed, pitched, or routed to center of drip guard per detail. If gas piping is used, will need to be painted for rust protection.



### Photos



20240730\_144812\_photo

**Scott Strom**

Jul 30, 2024 1:48 PM



IMG\_8339

**Jacob Davidson**

Jul 29, 2024 2:04 PM



IMG\_8337

**Jacob Davidson**

Jul 29, 2024 2:04 PM

## #130 [EXHA 511] [NEW] Grease exhaust duct curb cap.

**Status**

Pending

**Start Date**

Jul 29, 2024

**Sheet**

A-230

**Type**

Planned Work

**Created**

Jul 29, 2024 1:56 PM  
jacobd@nationaltab.com

**List**

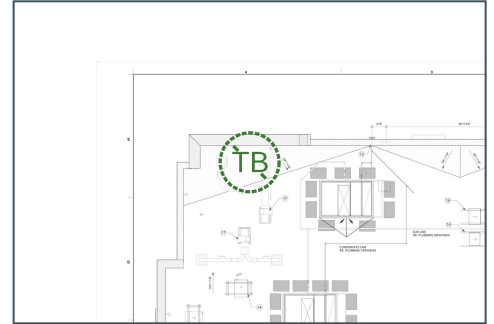
5.1 Test & Balance Review

**Last Updated**

Jul 30, 2024 1:49 PM

**Description**

Grease duct curb cap is to be screwed at all corners along with a full perimeter weld between curb cap and duct.



**Photos**



20240730\_144928\_photo

**Scott Strom**

Jul 30, 2024 1:49 PM



20240730\_144914\_photo

**Scott Strom**

Jul 30, 2024 1:49 PM



IMG\_8342

**Jacob Davidson**

Jul 29, 2024 2:04 PM



IMG\_8341

**Jacob Davidson**

Jul 29, 2024 2:04 PM

**L05308\_Lebanon Plaza FSU (PA)**

1147 Quentin Road, Lebanon, Pennsylvania

L1020005308



IMG\_8340

**Jacob Davidson**

Jul 29, 2024 2:04 PM

---

## #129 [CNTL 509] [NEW] Ansul pull labeling.

**Status**  
Pending

**Start Date**  
Jul 29, 2024

**Sheet**  
A-211

**Type**  
Planned Work

**Created**  
Jul 29, 2024 1:51 PM  
jacobd@nationaltab.com

**List**  
5.1 Test & Balance Review

**Last Updated**  
Aug 1, 2024 12:04 PM

### Description

Label all ansul pull stations for which hoods they serve.



### Photos



IMG\_6857  
Scott Strom  
Aug 1, 2024 12:04 PM



IMG\_6856  
Scott Strom  
Aug 1, 2024 12:04 PM

**L05308\_Lebanon Plaza FSU (PA)**

1147 Quentin Road, Lebanon, Pennsylvania

L1020005308



IMG\_8325

**Jacob Davidson**

Jul 29, 2024 2:04 PM

---

## #128 [CNTL 508] [NEW] Controls labeling.

**Status**

Open

**Start Date**

Jul 29, 2024

**Sheet**

A-211

**Type**

Planned Work

**Created**

Jul 29, 2024 1:50 PM  
jacobd@nationaltab.com

**List**

5.1 Test & Balance Review

**Last Updated**

Jul 30, 2024 8:48 AM

**Description**

Label all sensors, humidistats, thermostats, smoke annunciators and remote space mounted OADs, MODs, VFD's for which piece of equipment they serve.



**Photos**



IMG\_8323

**Jacob Davidson**

Jul 29, 2024 2:03 PM



IMG\_8327

**Jacob Davidson**

Jul 29, 2024 2:03 PM



IMG\_8326

Jacob Davidson

Jul 29, 2024 2:03 PM



IMG\_8324

Jacob Davidson

Jul 29, 2024 2:03 PM



IMG\_8332

**Jacob Davidson**

Jul 29, 2024 2:03 PM



IMG\_8364

**Jacob Davidson**

Jul 29, 2024 2:03 PM

## #127 [UNIT 517] [NEW] Condensate piping construction.

**Status**  
Pending

**Start Date**  
Jul 29, 2024

**Sheet**  
P-502

**Type**  
Planned Work

**Created**  
Jul 29, 2024 1:48 PM  
jacobd@nationaltab.com

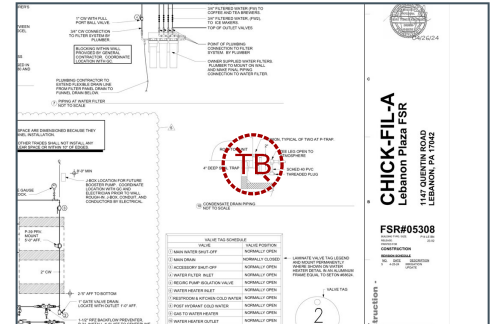
**List**  
5.1 Test & Balance Review

**Last Updated**  
Jul 30, 2024 1:48 PM

### Description

Equipment condensate piping or p-trap is not constructed per normal CFA specifications.

### Photos





20240730\_144727\_photo

Scott Strom

Jul 30, 2024 1:47 PM



20240730\_144714\_photo

Scott Strom

Jul 30, 2024 1:47 PM

L05308\_Lebanon Plaza FSU (PA)

1147 Quentin Road, Lebanon, Pennsylvania

L1020005308



20240730\_144700\_photo

Scott Strom

Jul 30, 2024 1:47 PM



20240730\_144651\_photo

Scott Strom

Jul 30, 2024 1:46 PM



20240730\_144634\_photo

**Scott Strom**

Jul 30, 2024 1:46 PM



20240730\_144629\_photo

**Scott Strom**

Jul 30, 2024 1:46 PM



20240730\_144611\_photo

**Scott Strom**

Jul 30, 2024 1:46 PM



20240730\_144604\_photo

**Scott Strom**

Jul 30, 2024 1:46 PM



20240730\_121420\_photo

**Scott Strom**

Jul 30, 2024 11:14 AM



20240730\_121412\_photo

**Scott Strom**

Jul 30, 2024 11:14 AM



IMG\_8333

**Jacob Davidson**

Jul 29, 2024 2:03 PM



IMG\_8334

**Jacob Davidson**

Jul 29, 2024 2:03 PM