

TAB Punch List CFA #05811 (Alliance FSU)

Prepared by Ben Searles

Sep 12, 2025

Description

28 tasks in this report.

Contents

#95 [DUCT 006] [NEW] CRITICAL – Flex duct installation.	3
#94 [DUCT 008] [NEW] CRITICAL – Start collar damper orientation.	5
#93 [DUCT 499] [NEW] CRITICAL (MISC) – Diffuser Connections	7
#92 [CNTL 016] [NEW] CRITICAL – Sensor communication.....	8
#91 [CNTL 499] [NEW] CRITICAL (MISC) – Humidity sensor wiring.....	11
#90 [CNTL 506] [NEW] H.E.S. system	13
#89 [CNTL 509] [NEW] Ansul pull labeling.....	14
#88 [CNTL 999] [NEW] (MISC) OCC/UNOCC RTU sequence.	15
#87 [CNTL 999] [NEW] (MISC) Sensor location.	18
#86 [CURT 502] [NEW] Air curtain diverter box.	19
#85 [EXHA 500] [NEW] Restroom rectangular duct riser.	20
#84 [EXHA 507] [NEW] Exhaust fan drain line.....	21
#83 [EXHA 508] [NEW] Exhaust fan G2 Drip Guard.....	22
#82 [HOOD 999] [NEW] (MISC) Hood labels.....	23
#81 [UNIT 501] [NEW] Equipment low voltage diagrams.....	24
#80 [UNIT 517] [NEW] Condensate piping construction.	25
#79 [DUCT 500] [NEW] Air pattern deflections.	26
#78 [DUCT 507] [NEW] Ductwork is not fully insulated.....	27
#77 [DUCT 999] [NEW] (MISC) AC1 return noise.....	28

#76 [DUCT 999] [NEW] (MISC) Insulation.	29
#75 [REFG 507] [NEW] WIF heated drain.	30
#74 [REFG 509] [NEW] WIC/WIF Drain P-Traps and/or Drain pitch.....	31
#73 [REFG 511] [NEW] PVC pipe chase (gooseneck) installation.....	32
#72 [REFG 516] [NEW] Condenser electrical disconnects.	33
#29 [EXHA 999] [NEW] (MISC) EF-2 is Rubbing	34
#27 [UNIT 504] [NEW] Equipment Fresh Air Tempering.	36
#22 [EXHA 999] [NEW] (MISC) Grease Duct Proximity to Parapet	38
#20 [REFG 999] [NEW] (MISC) WIF/WIC Condenser Orientation.....	40

#95 [DUCT 006] [NEW] CRITICAL – Flex duct installation.

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

Ensure flex inner core is taped and banded, along with tape or banding on outer insulation jacket. Flex is to be ran in lengths no greater than 4'0" in horizontal positions only.

Last Updated

Sep 12, 2025 11:47 AM

Photos



IMG_2867

Ben Searles

Sep 12, 2025 11:47 AM

#94 [DUCT 008] [NEW] CRITICAL – Start collar damper orientation.

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

Dampers to be installed parallel to airflow. In horizontal runs, position damper on left or right at 9 or 3 o'clock. On vertical ducts position damper on bottom only (6 o'clock). Plans are incorrect and call for the damper to be on the side. Recommend putting the damper to the bottom of the duct and ensuring the damper is fully open.

Last Updated

Sep 12, 2025 11:47 AM

Photos



IMG_2837

Ben Searles

Sep 12, 2025 11:47 AM

#93 [DUCT 499] [NEW] CRITICAL (MISC) – Diffuser Connections

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

Ensure there is mastic at the hard pipe connection to diffusers

Last Updated

Sep 12, 2025 12:38 PM

Photos



IMG_2866

Ben Searles

Sep 12, 2025 11:47 AM

#92 [CNTL 016] [NEW] CRITICAL – Sensor communication.

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

AC3's averaging sensors not communicating properly, check for correct terminations, correct dip switch / jumper settings, and shorts to ground. AC1's temp sensor has a loose wire at the terminal.

Last Updated

Sep 12, 2025 11:48 AM

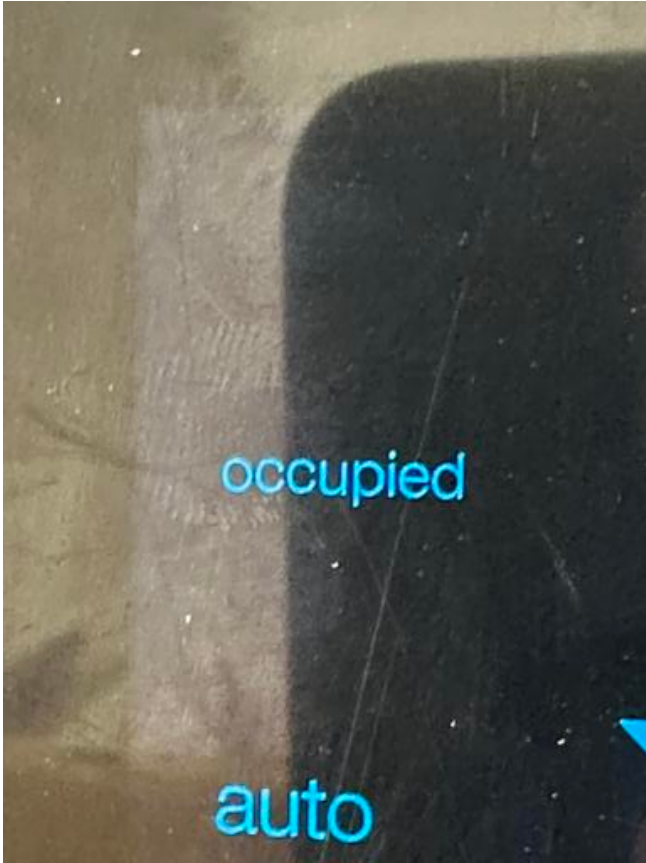
Photos



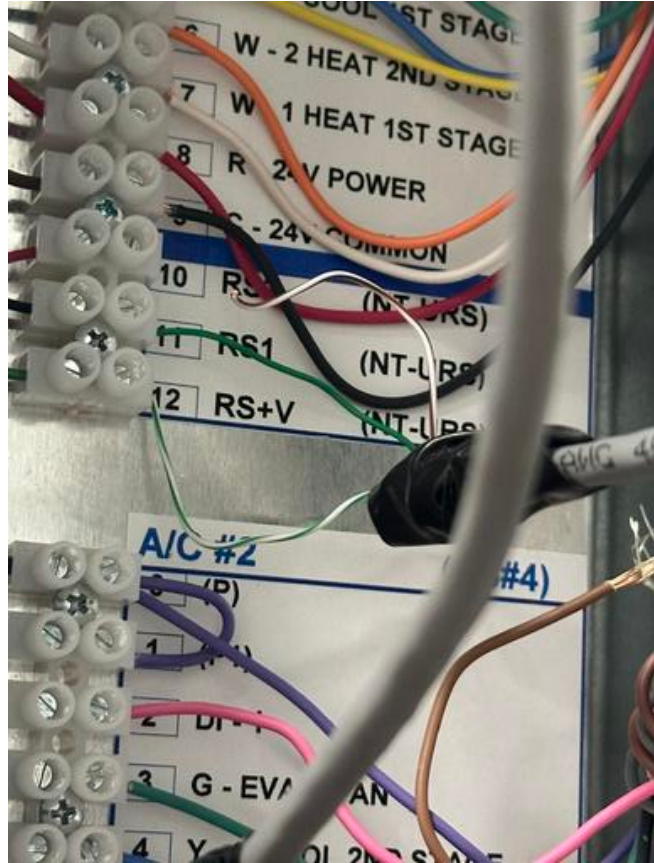
IMG_2862
Ben Searles
Sep 12, 2025 11:48 AM



IMG_2863
Ben Searles
Sep 12, 2025 11:48 AM



IMG_2861
Ben Searles
Sep 12, 2025 11:48 AM



IMG_2860
Ben Searles
Sep 12, 2025 11:48 AM

#91 [CNTL 499] [NEW] CRITICAL (MISC) – Humidity sensor wiring

Status
Open

Start Date
Sep 12, 2025

Type
Planned Work

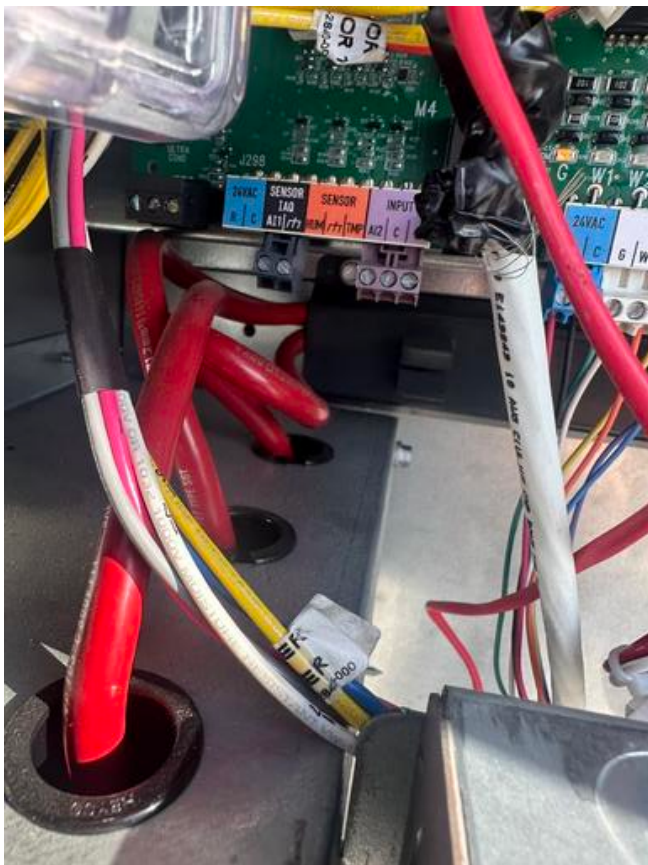
Created
Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

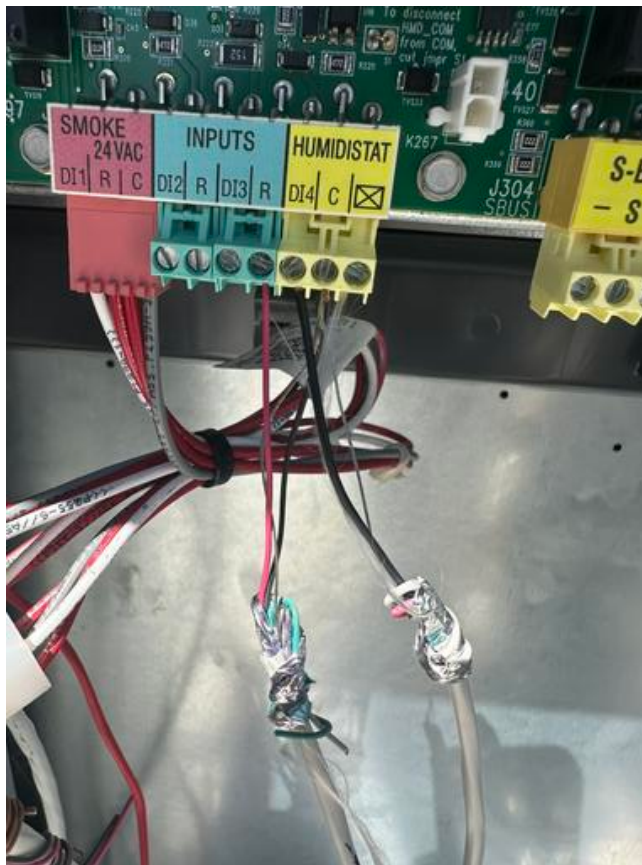
AC1 and AC3 are missing the correct ports to connect the humidity sensor wiring. All units are experiencing alarms regarding the sensor's wiring.

Last Updated
Sep 12, 2025 11:48 AM

Photos

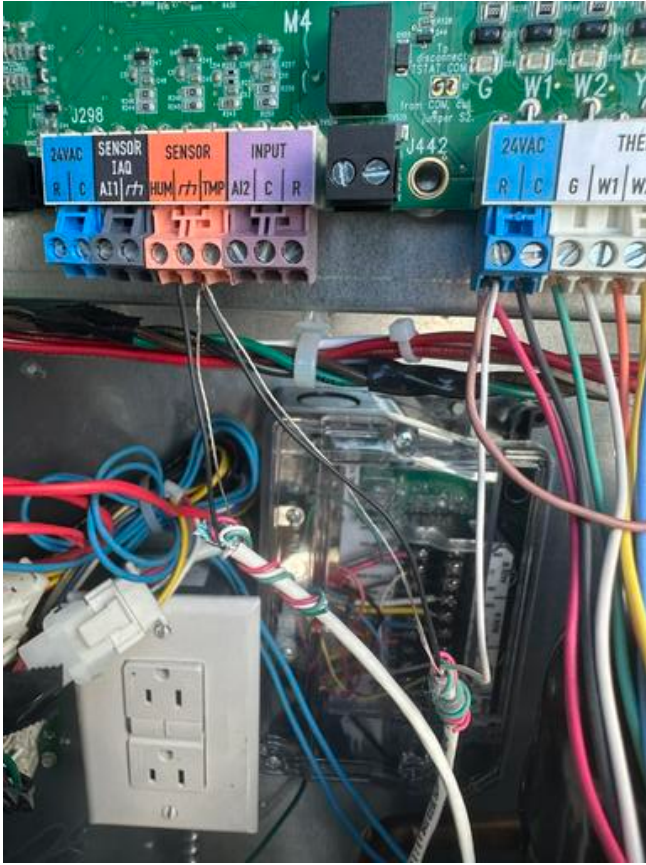


IMG_2810
Ben Searles
Sep 12, 2025 11:48 AM



IMG_2846
Ben Searles
Sep 12, 2025 11:48 AM

L05811_Alliance (OH) FSU
2381 West State Street, Alliance, Ohio
L1020005811



IMG_2849

Ben Searles

Sep 12, 2025 11:48 AM

#90 [CNTL 506] [NEW] H.E.S. system

Status
Open

Start Date
Sep 12, 2025

Type
Planned Work

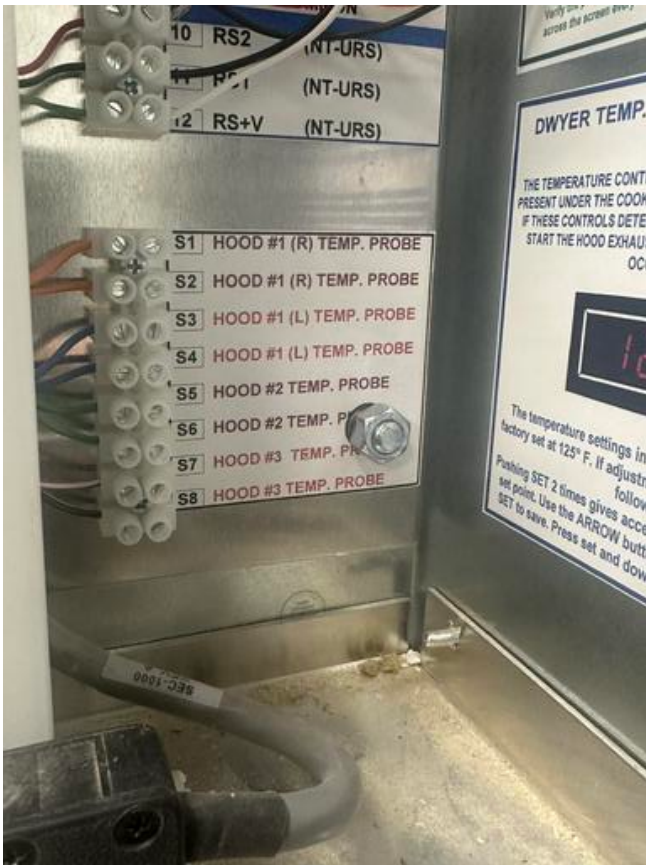
Created
Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

HESS sensors are not installed correctly in each hood duct riser and wires are not run to the panel.

Last Updated
Sep 12, 2025 11:49 AM

Photos



IMG_2790

Ben Searles

Sep 12, 2025 11:49 AM



IMG_2801

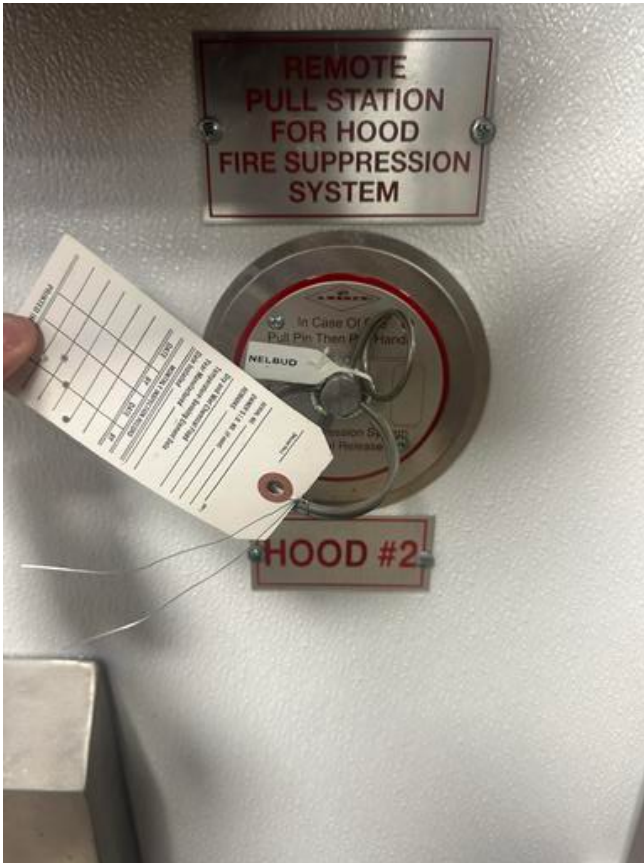
Ben Searles

Sep 12, 2025 11:48 AM

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

Status Open	Start Date Sep 12, 2025
Type Planned Work	Created Sep 12, 2025 11:40 AM bens@nationaltab.com
Description Hood 3's pull station is labeled for Hood 2.	Last Updated Sep 12, 2025 11:49 AM

Photos



IMG_2798

Ben Searles

Sep 12, 2025 11:49 AM

#88 [CNTL 999] [NEW] (MISC) OCC/UNOCC RTU sequence.

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

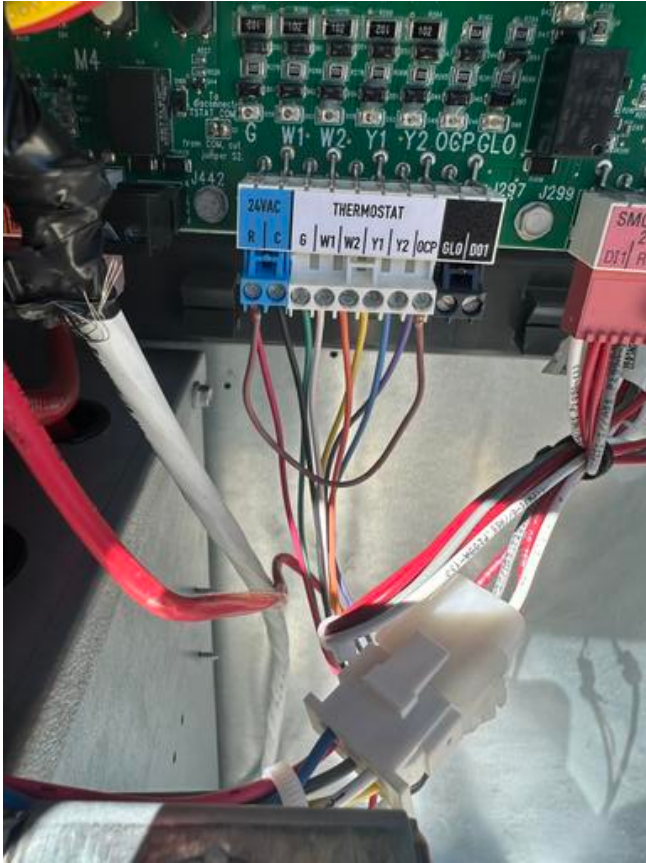
Description

Store occupied / unoccupied switch does not properly alter RTU sequence. All units were jumpered from R to OCP. This wire needs to be removed and the wiring at the T-500 panel needs to be revised.

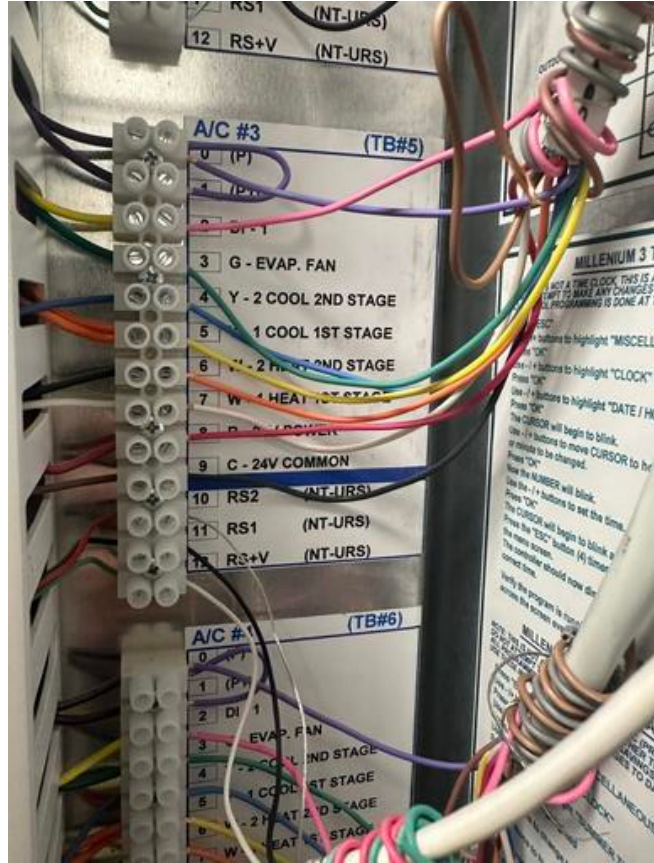
Last Updated

Sep 12, 2025 11:49 AM

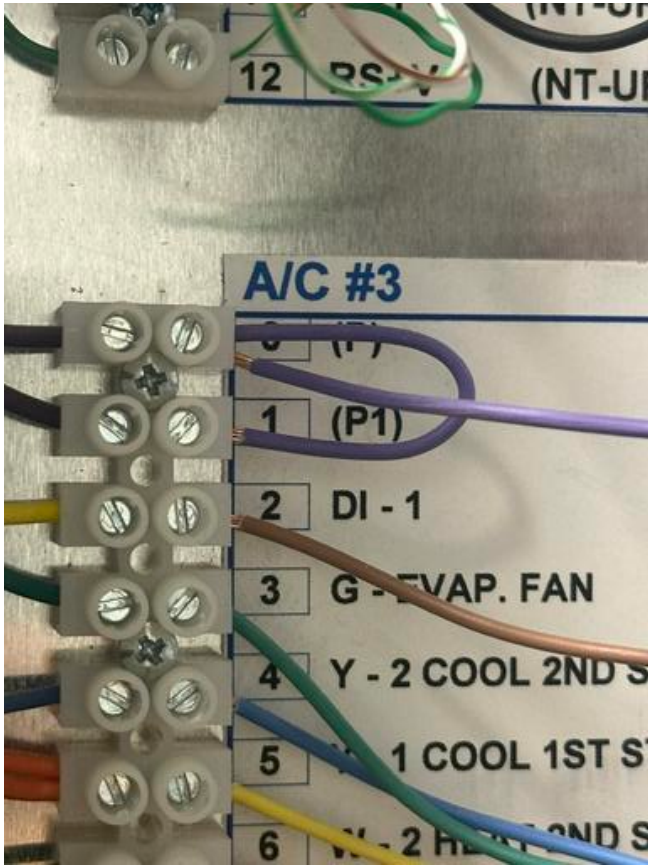
Photos



IMG_2845
Ben Searles
Sep 12, 2025 11:49 AM



IMG_2858
Ben Searles
Sep 12, 2025 11:49 AM



IMG_2792
Ben Searles
Sep 12, 2025 11:49 AM

#87 [CNTL 999] [NEW] (MISC) Sensor location.

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

The humidity sensor for AC3 is call to be located in the playroom. Recommend relocating the sensor to be outside of the playroom.

Last Updated

Sep 12, 2025 11:49 AM

Photos

IMG_2864

Ben Searles

Sep 12, 2025 11:49 AM

#86 [CURT 502] [NEW] Air curtain diverter box.

Status	Start Date
Open	Sep 12, 2025
Type	Created
Planned Work	Sep 12, 2025 11:40 AM bens@nationaltab.com
Description	Last Updated
Air curtain diverter box is not installed correctly and should be bolted to wall, slid forward, and flush with door header.	Sep 12, 2025 11:49 AM

Photos



IMG_2800

Ben Searles

Sep 12, 2025 11:49 AM

#85 [EXHA 500] [NEW] Restroom rectangular duct riser.

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

Restroom exhaust rectangular duct riser does not run all the way down per specification.

Last Updated

Sep 12, 2025 11:50 AM

Photos



IMG_2838

Ben Searles

Sep 12, 2025 11:50 AM



IMG_2829

Ben Searles

Sep 12, 2025 11:50 AM

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

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

Exhaust fan drain is not installed to center of drip guard per detail.

Last Updated

Sep 12, 2025 11:50 AM

Photos



IMG_2804

Ben Searles

Sep 12, 2025 11:50 AM

#83 [EXHA 508] [NEW] Exhaust fan G2 Drip Guard.

Status Open	Start Date Sep 12, 2025
Type Planned Work	Created Sep 12, 2025 11:40 AM bens@nationaltab.com
Description Exhaust fan G2 Drip Guard is not installed correctly.	Last Updated Sep 12, 2025 11:50 AM

Photos



IMG_2804

Ben Searles

Sep 12, 2025 11:50 AM

#82 [HOOD 999] [NEW] (MISC) Hood labels.

Status Open	Start Date Sep 12, 2025
Type Planned Work	Created Sep 12, 2025 11:40 AM bens@nationaltab.com
Description Hood 3 is labeled as Hood 2	Last Updated Sep 12, 2025 11:51 AM

Photos



IMG_2797

Ben Searles

Sep 12, 2025 11:51 AM

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

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

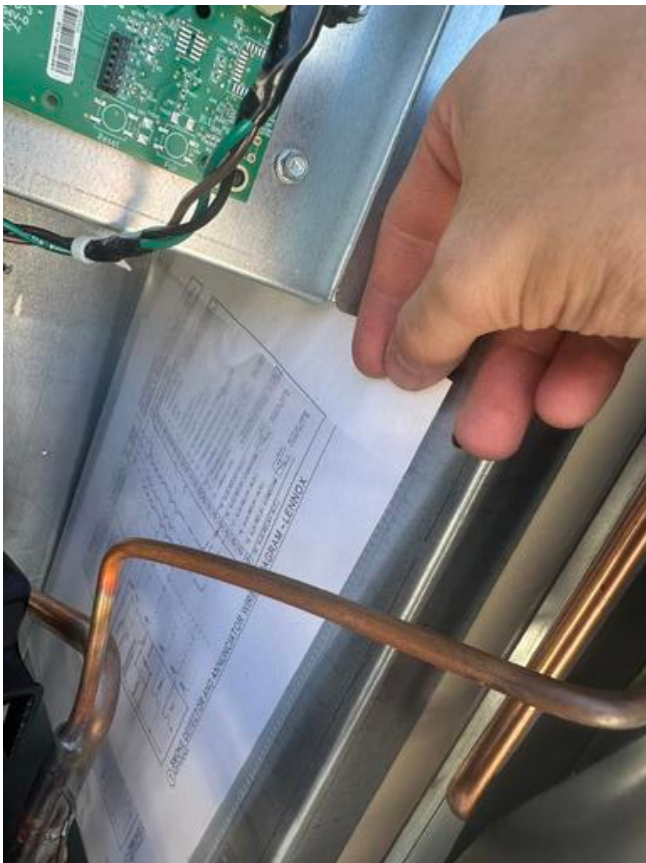
Description

Equipment copy of controls detail low voltage wiring diagrams is not laminated.

Last Updated

Sep 12, 2025 11:51 AM

Photos



IMG_2848

Ben Searles

Sep 12, 2025 11:51 AM

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

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

Equipment condensate piping or p-trap is not constructed per normal CFA specifications. There should be no reduction in size.

Last Updated

Sep 12, 2025 11:51 AM

Photos

IMG_2802

Ben Searles

Sep 12, 2025 11:51 AM

#79 [DUCT 500] [NEW] Air pattern deflections.

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

Ensure air pattern deflectors are adjusted uniformly and close when specified.
Ensure all debris is cleaned out of the grille face.

Last Updated

Sep 12, 2025 11:52 AM

Photos

IMG_2869

Ben Searles

Sep 12, 2025 11:52 AM

#78 [DUCT 507] [NEW] Ductwork is not fully insulated.

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

Ductwork has exposed metal ductwork in some areas needs to be fully wrapped.

Last Updated

Sep 12, 2025 11:56 AM

Photos



IMG_2836

Ben Searles

Sep 12, 2025 11:56 AM

#77 [DUCT 999] [NEW] (MISC) AC1 return noise.

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

There is an audible squeaking noise in the duct for AC1's return. Unable to tighten the opposite wing nut due to clearance restrictions.

Last Updated

Sep 12, 2025 11:55 AM

Photos

IMG_2839

Ben Searles

Sep 12, 2025 11:55 AM

#76 [DUCT 999] [NEW] (MISC) Insulation.

Status	Start Date
Open	Sep 12, 2025
Type	Created
Planned Work	Sep 12, 2025 11:40 AM bens@nationaltab.com
Description	Last Updated
Tape all seams of insulaion.	Sep 12, 2025 11:52 AM

Photos



IMG_2865

Ben Searles

Sep 12, 2025 11:52 AM

#75 [REFG 507] [NEW] WIF heated drain.

Status Open	Start Date Sep 12, 2025
Type Planned Work	Created Sep 12, 2025 11:40 AM bens@nationaltab.com
Description WIF heat strip is not powered.	Last Updated Sep 12, 2025 11:52 AM

Photos



IMG_2871

Ben Searles

Sep 12, 2025 11:52 AM

#74 [REFG 509] [NEW] WIC/WIF Drain P-Traps and/or Drain pitch.

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

Escutcheon is not installed
on the p-trap penetration.

Last Updated

Sep 12, 2025 11:52 AM

Photos



IMG_2870

Ben Searles

Sep 12, 2025 11:52 AM

#73 [REFG 511] [NEW] PVC pipe chase (gooseneck) installation.

Status

Open

Start Date

Sep 12, 2025

Type

Planned Work

Created

Sep 12, 2025 11:40 AM
bens@nationaltab.com

Description

PVC pipe chase risers are not constructed to drawing or is not sealed with spray foam and silicone to prevent weather/pest infiltration.

Last Updated

Sep 12, 2025 11:52 AM

Photos



IMG_2806

Ben Searles

Sep 12, 2025 11:52 AM

#72 [REFG 516] [NEW] Condenser electrical disconnects.

Status	Start Date
Open	Sep 12, 2025
Type	Created
Planned Work	Sep 12, 2025 11:40 AM bens@nationaltab.com
Description	Last Updated
Electrical disconnects are not properly labeled.	Sep 12, 2025 11:40 AM

#29 [EXHA 999] [NEW] (MISC) EF-2 is Rubbing

Status

Open

Created

Jul 15, 2025 7:37 PM
mmcdonnell@nationaltab.com

Type

Issue

Last Updated

Sep 12, 2025 11:18 AM

Description

EF-2 blower wheel needs adjustment. The fan rubs when it is spun. Typically, the fan needs to be moved further in, towards the duct

Comments

The fan was moved back on 9-10-25

Dale Finkel Sep 10, 2025

Photos



IMG_9675
Michael McDonnell
Jul 15, 2025 7:38 PM
[Download video](#)



IMG_9674
Michael McDonnell
Jul 15, 2025 7:38 PM

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

Status
Open

Type
Planned Work

Description

RTU Schedule indicates AC units are to have Fresh Air Tempering: Units with Fresh Air Tempering kits are to have the discharge sensor routed per specification into the discharge duct via wiring portal. The sensor should be installed after the first 90. For Lennox turn on FAH and set parameter #156 to 60 in Kitchen, 62 in Drive-Thru/Serving, & 63 in Dining/Play Area; then set parameters #157 to 14 & #158 to 300 on all.

Comments

See Notes on M-701L

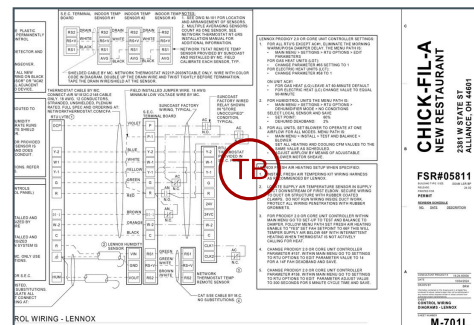
Michael McDonnell Jul 15, 2025

Photos

Created
Jul 15, 2025 6:47 PM
mmcdonnell@nationaltab.com

Last Updated
Sep 12, 2025 11:17 AM

Sheet
M-701L



L05811_Alliance (OH) FSU

2381 West State Street, Alliance, Ohio

L1020005811

LENNOX FRESH AIR HEATING SETUP WHEN SPECIFIED:

1. INSTALL FRESH AIR TEMPERING KIT WIRING HARNESS AS RECOMMENDED BY LENNOX.
2. LOCATE SUPPLY AIR TEMPERATURE SENSOR IN SUPPLY DUCT DOWNSTREAM OF FIRST ELBOW. SECURE WIRING TO DUCT OR STRUCTURE WITH RUBBER COATED CLAMPS. DO NOT RUN WIRING INSIDE DUCT WORK. PROTECT ALL WIRING PENETRATIONS WITH RUBBER GROMMETS.
3. FOR PRODIGY 2.0 OR CORE UNIT CONTROLLER WITHIN MAIN MENU GO TO SET-UP TO TEST AND BALANCE TO DAMPER. FOLLOW MENU PATH SET FRESH AIR HEATING ENABLE TO "YES" SET FAH SETPOINT TO 66F THIS WILL TEMPER SUPPLY AIR BELOW 66F WITH INTERMITTENT HEATING WHEN THERMOSTAT IS NOT ACTIVELY CALLING FOR HEAT.
4. CHANGE PRODIGY 2.0 OR CORE UNIT CONTROLLER PARAMETER #157. WITHIN MAIN MENU GO TO SETTINGS TO RTU OPTIONS TO EDIT PARAMETER VALUE TO 14 FOR A 14F FAH DEADBAND AND SAVE.
5. CHANGE PRODIGY 2.0 OR CORE UNIT CONTROLLER PARAMETER #158. WITHIN MAIN MENU GO TO SETTINGS TO RTU OPTIONS TO EDIT PARAMETER ADJUST VALUE TO 300 SECONDS FOR 5 MINUTE CYCLE TIME AND SAVE.

IMG_9774

Michael McDonnell

Jul 15, 2025 7:12 PM

#22 [EXHA 999] [NEW] (MISC) Grease Duct Proximity to Parapet

Status
Pending

Type
Issue

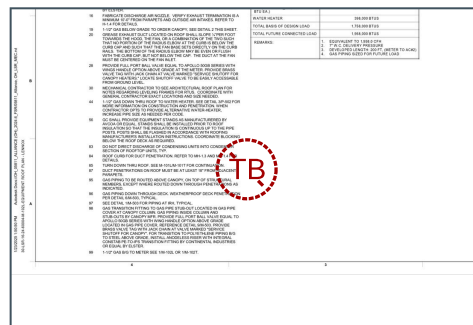
Description

Key Note 87 on M-102L indicates all duct penetrations on the roof must be at least 18" from the parapet. EF-1 duct penetration does not comply. Recommend Review.

Created
Jul 15, 2025 6:02 PM
mmcdonnell@nationaltab.co
m

Last Updated
Sep 12, 2025 11:21 AM

Sheet
M-102L



Comments

This duct is installed as per the design shown on sheet M-102L. If it needs to be moved, the drawings should be revisited so that required work can be priced and performed

Paul Podojil Jul 24, 2025

Photos



IMG_9669
Michael McDonnell
Jul 15, 2025 7:04 PM



IMG_9668
Michael McDonnell
Jul 15, 2025 7:04 PM

#20 [REFG 999] [NEW] (MISC) WIF/WIC Condenser Orientation

Status

Open

Created

Jul 15, 2025 5:55 PM
mmcdonnell@nationaltab.com

Type

Issue

Last Updated

Jul 15, 2025 6:59 PM

Description

Recommend orientation of Condensers is reviewed. WIF condenser is discharging in general direction of AC-1 and AC-4 Outdoor air intakes.

Photos



IMG_9654
Michael McDonnell
Jul 15, 2025 6:58 PM



IMG_9655
Michael McDonnell
Jul 15, 2025 6:58 PM