

Report By:

National TAB
1329 E. KEMPER ROAD
SUITE 4210
CINCINNATI, OH 45246



Report: TAB Addendum
Function: Test, Adjust, & Balance
Date: 03/10/2026
Completed By: National TAB

PROJECT
03-02-26 CULVERS - MESA, AZ

1830 E McKellips Road

Mesa, AZ 85203

Client

Accurex
PO Box 410
Schofield, WI 54476

National TAB

Project: 03-02-26 CULVERS - MESA, AZ

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Issue List

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03-02-26 CULVERS - MESA, AZ

Project Issue Information

Issue Name : LOW FLOW SGRD1-1,4, & 23

Description : After 5 balancing passes and 2 unit speed increases, unable to direct airflow to SGRD1-1, 4, or 23. Airflow continues to feed SGRD1-5 through 14 each time the unit is raised, even with those dampers closed and 1, 4, & 23 fully open. Branch installation varies from GRD and a separate damper issue was noted. Total flow is in design.

Created By : National TAB **Assigned To :** National TAB - Brianna Biggs

Status : Open

Priority : Low **Asset Tag :** RTU-1

Originated Date : 03/06/2026 - Christine Weale - National TAB



03-02-26 CULVERS - MESA, AZ

Project Issue Information

Issue Name : MSC ON MEF NOT FUNCTIONAL
Description : Can't balance MEF due to motor speed ctrlr not affecting fan speed. Not anticipated to cause an issue, but GC has ordered a new one. I let them know they should set it to Medium once installed for best chance of being ~75cfm.
Created By : National TAB **Assigned To :** National TAB - Brianna Biggs
Status : Pending
Priority : Low **Asset Tag :** MEF-1
Originated Date : 03/06/2026 - Christine Weale - National TAB



03-02-26 CULVERS - MESA, AZ

Project Issue Information

Issue Name : NO BACKDRAFT DAMPER
Description : TEF1, the RR exhaust, doesn't have a backdraft damper or birdscreen.
Created By : National TAB **Assigned To :** National TAB - Brianna Biggs
Status : Open
Priority : Low **Asset Tag :** PRV-1
Originated Date : 03/07/2026 - Christine Weale - National TAB

Project Issue File Details





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Project Issue Information

Issue Name : NONFUNCTIONAL/INACCESSIBLE DAMPERS
Description : SGRD1-6: Flow varies between 345-380cfm regardless of lever movement (DR) - FIXED. Some dampers are covered by insulation and the cable tie.
Created By : National TAB **Assigned To :** National TAB - Brianna Biggs
Status : Closed
Priority : Urgent **Asset Tag :** SGRD7
Originated Date : 03/06/2026 - Christine Weale - National TAB



03-02-26 CULVERS - MESA, AZ

Project Issue Information

Issue Name : RIGID DUCT NOT INSTALLED
Description : MSET details cookline duct flex to come from a rigid straight pipe. Duct is flex only on some branches and is not straight. Recommend installing straight pipe from main supply drop and duct coming down straight, not curvy, so no smoke issues arise in kitchen and flow balances properly. UPDATE: FIXED, SHOWN IN 2ND PIC

Created By : National TAB **Assigned To :** National TAB - Brianna Biggs
Status : Closed
Priority : High **Asset Tag :** RTU-2
Originated Date : 03/05/2026 - Christine Weale - National TAB

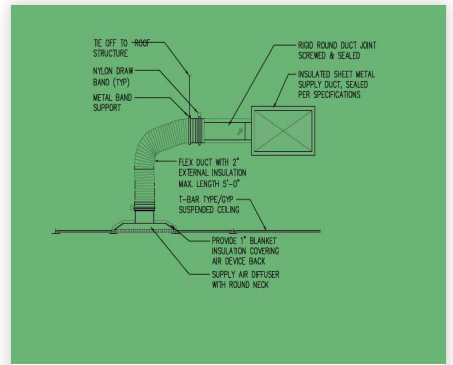
Project Issue File Details



03/05/2026



03/10/2026



03/10/2026



03-02-26 CULVERS - MESA, AZ

Project Issue Information

Issue Name : SGRD1-7 INACCESSIBLE DAMPER
Description : Even the mech crew couldn't access the damper w/ the tables installed. Flag placed after TAB was initiated, is placed on the conduit below it.
Created By : National TAB **Assigned To :** National TAB - Brianna Biggs
Status : Open
Priority : High **Asset Tag :** SGRD7
Originated Date : 03/07/2026 - Christine Weale - National TAB

Project Issue File Details



03/10/2026



03/10/2026



03-02-26 CULVERS - MESA, AZ

Project Issue Information

Issue Name : SGRD2-9 INACCESSIBLE DAMPER
Description : Fridges are in the way.
Created By : National TAB **Assigned To :** National TAB - Brianna Biggs
Status : Open
Priority : Low **Asset Tag :** SGRD9
Originated Date : 03/07/2026 - Christine Weale - National TAB

Project Issue File Details



03/10/2026

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
RTU-1	DINING	7000	6878	5280	5167	1720	1711	24.6%	24.9%						
RTU-2	KITCHEN	8000	7938	6040	5940	1960	1998	24.5%	25.2%						
PRV-2	GRIDDLE											1500	1614		
PRV-3	FRYER											1500	1611		
MEF-1	MOP SINK													75	100
PRV-1	RESTROOMS													300	309
TOTALS		15000	14816	11320	11107	3680	3709			0	0	3000	3225	375	409

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	3680	3709
TOTAL EXHAUST	3375	3634
NET AIRFLOW	305	75

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	0.008
SIDE	0.008
REAR	0.008
AVERAGE	0.008

FINAL CHECKS

- ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: ✓

- MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW: ✓

- PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C. ✓

NOTES:

SYSTEM COMPONENTS TO ASSETS SCHEDULED ABOVE

UNIT	MANUFACTURER	FILTER TYPE#/SIZE	MAU TYPE	SIZE	HOOD MAKE-UP	HOOD EXHAUST	NET CFM
HD							0
HD							0
HD							0
HD							0
HD							0
HD							0
HD							0
HD							0
HD							0
HD							0

CheckList List

- STEP 1: INITIAL WALKTHROUGH
- STEP 2: UNIT DATA AND EVAL
- STEP 3: TEST, ADJUST AND BALANCE
- STEP 4: FINAL TESTS



03-02-26 CULVERS - MESA, AZ

CheckList Information

Name : STEP 1: INITIAL WALKTHROUGH **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 03/02/2026 - Trinity Dodds - National TAB

Completed Date : 03/07/2026 - Christine Weale - National TAB

CheckList Item Details

INITIAL SITE WALKTHROUGH

All diffusers and grilles are installed and match design? Yes

Comment:

Perforated diffusers are installed on the cook line? (4-ways will disrupt hood capture) Yes

Comment:

All hood filters installed and accounted for? Yes

Comment:

Hoods are wired and have power? Yes

Comment:

Thermostats have power? Yes

Comment:

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?

Comment:

Yes



03-02-26 CULVERS - MESA, AZ

CheckList Information

Name : STEP 2: UNIT DATA AND EVAL **Status :** Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 03/02/2026 - Trinity Dodds - National TAB
Completed Date : 03/10/2026 - Christine Weale - 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? Yes

Comment:

They don't seem to open according to settings in CORE though. I had to manually open them to make them stay at setpoint.

Thermostat wire run from OCP on the RTU to the Ec terminal at the thermostat? If no, jumper can be installed from R to OCP temporarily. (The economizers will not open without OCP being energized.) Yes

Comment:

Motors are all operating below the FLA rating? Yes

Comment:

Are belts tight?

Comment:

Yes

If direct drive unit is the speed controller working.

Comment:

Is gas piping installed and valves turned on?

Yes

Comment:

Unit free of noticeable noise and vibration

Yes

Comment:

EF's

Rotation is correct?

Yes

Comment:

Belts are tight?

Comment:

NA

Grease cup installed on hood fan?

Yes

Comment:

Hinge kit installed installed on hood fan?

Yes

Comment:

Lean grease rated fans back. Is grease duct installation adequate and is duct ran all the way to the base of the fan?

Yes

Comment:

Flex conduit is long enough so that fan can be completely tilted back?

Yes

Comment:

There is no major leakage around base of fan?

No

Comment:

Is the motor operating below the motor FLA rating?

Yes

Comment:

For restroom fan(s) is the back draft damper installed and can it fully open?

No

Comment:

Unit free of noticeable noise and vibration?

Yes

Comment:

The hood exhaust fans are installed in correct positions and are not switched?

Yes

Comment:

HOODS

Kitchen equipment installed in proper places?

Yes

Comment:

Can kitchen equipment be turned on for final smoke test?

N/A

Comment:

Second stage Grease Grabber filters are installed on the griddle hood?

Comment:

X-Tractor

DOCUMENTATION

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?

Yes

Comment:



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CheckList Information

Name : STEP 3: TEST, ADJUST AND BALANCE **Status :** Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 03/02/2026 - Trinity Dodds - National TAB
Completed Date : 03/07/2026 - Christine Weale - National TAB

CheckList Item Details

TEST, ADJUST, AND BALANCE ALL EQUIPMENT:

DURING TESTING MAKE NOTE OF THE FOLLOWING:

Is space free of drafting? Yes

Comment:

Is space comfortable in all areas? Yes

Comment:

Is the space free of ventilation noise? Yes

Comment:

If deviations from design were necessary to resolve 1-3 what were they? Otherwise put "NA".

Comment:



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CheckList Information

Name : STEP 4: FINAL TESTS **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 03/02/2026 - Trinity Dodds - National TAB

Completed Date : 03/10/2026 - Christine Weale - National TAB

CheckList Item Details

FINAL TESTS

HOOD CAPTURE TEST

List equipment turned on for testing

Comment:

NA

List smoke candle type used

Comment:

45S, S102

Smoke test capture - Perimeter of hood

Comment:

100

Smoke test capture - Top of cooking surface

Comment:

100

WITNESS

Date test was completed

03/06/2026

Comment:

Several witnesses from mechanical

TAB tech name / Firm

Comment:

Christine Weale, NTI

Site super name / Firm

Comment:

Desert Builders

Owner representative name / Firm (if Applicable)

Comment:

Luke

Building pressure at front & back doors (All Systems On)

Comment:

0.008" w.c.

ADDITIONAL

Do actual net building airflow, design net building airflow, and pressure coincide? If not why? (All three should either be positive or negative)

Comment:

Yes

Thermostats are programmed?

Yes

Comment:
