



Comfort. Under control.

04-17-23 NIKE CLEARANCE - TUCSON, 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

Review Plan Review Checklist, has it been signed off and meets our standards to start balancing? If not contact processor to ensure job is ready.

All diffusers and grilles are installed and match design?

Thermostats have power?

All HVAC units and fans and powered and operational?

VAV diffusers (if applicable) are powered and responding to adjustment at thermostat?

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

Notes/Comments :



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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?
- 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?

DOCUMENTATION

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

Notes/Comments :



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04-17-23 NIKE CLEARANCE - TUCSON, 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".

FABRIC DUCT STATIC PRESSURES (IF APPLICABLE)

Take static pressures near takeoff for each fabric duct once balancing is completed. Input this into the "VEL (1)" field on the diffuser asset. If not a fabric duct then, put "N/A" into the "VEL (1)" field instead.

Notes/Comments :



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04-17-23 NIKE CLEARANCE - TUCSON, 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

BUILDING PRESSURE

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

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

CARRIER VFD PARAMETERS (IF APPLICABLE)

Use Carrier provided VFD cable to verify VFD speed parameters for each unit (Defaults - high speed = 60Hz, low speed = 40Hz). Can adjust high speed parameter for balancing but requires that the low speed is proportionally adjusted. Record VFD speeds on the individual assets

TEMPERATURES/HUMIDITIES

Measure temperatures/humidities for outside air (taken in shade), return air, and supply air for each HVAC unit during full cooling and input into appropriate fields on the individual asset

VAV DIFFUSERS (IF APPLICABLE)

Each VAV-diffuser is calibrated for max airflow?

Each VAV diffuser is set for minimum airflow? Record value in notes on the individual diffuser asset

Notes/Comments :



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04-17-23 NIKE CLEARANCE - TUCSON, 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?

Pictures taken of each piece of equipment, store front, and any issues? And uploaded to FaciliBuild?

Balance schedule complete and uploaded?

Prelim report generated and reviewed?

Notes/Comments :





COMcheck Software Version 4.1.5.3

Mechanical Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: Nike Value Store - Clearance - Tucson, AZ
Location: Tucson, Arizona
Climate Zone: 2b
Project Type: Alteration

Construction Site:
5325 S Calle Santa Cruz
Tucson, AZ 85706

Owner/Agent:
BRR
8131 Metcalf Ave.
Overland Park, AZ 66204
913-262-9095

Designer/Contractor:
Henderson Engineers Inc.
8345 Lenexa Dr
Suite 300
Lenexa, AZ 66214
913-742-5000

Mechanical Systems List

Quantity System Type & Description

1 RTU-1 (Single Zone):
Single Package Heat Pump
Heating Mode: Capacity = 43 kBtu/h,
Proposed Efficiency = 8.30 HSPF, Required Efficiency = 8.00 HSPF
Cooling Mode: Capacity = 37 kBtu/h,
Proposed Efficiency = 16.20 SEER, Required Efficiency: 14.00 SEER
Fan System: RTU-1 -- Compliance (Motor nameplate HP method) : Passes

Fans:

FAN 1 Supply, Constant Volume, 1500 CFM, 0.7 motor nameplate hp, 0.0 fan efficiency grade

PROJECT DATA

CLIMATE CONDITIONS

WEATHER STATION:	TUCSON INTL, AZ, USA						
CLIMATE ZONE:	2B						
HEATING (DB):	99.6%	31.8	°F				
DESIGN HEATING CONDITIONS (DB):		23.4	°F				
HUMIDIFICATION (DP/ HR/ MCDB):	99.6%	-1.0	°F/	5.7	gr/lb	61.2	°F
COOLING (DB/MCWB):	0.4%	105.8	°F	66.0	°F		
DESIGN ENTHALPY CONDITIONS (DB/h):	0.4%	87.7	°F	37.8	°F		
DEHUMIDIFICATION (DP/ HR/ MCDB):	0.4%	69.3	°F/	118.2	gr/lb	76.3	°F

UNIT / SPACE DESCRIPTION	COOLING / DE-HUMIDIFICATION			
	OCC	UNOCC	MAX	MIN
	°F	°F	RH %	RH %
RTU-1 BACK OF HOUSE	72	77	60%	NA
RTU-2 STOCKROOM	72	77	60%	NA
RTU-3,4,5,6 SALES FLOOR	72	77	60%	NA
RTU-7 SOLAR ZONE	72	77	60%	NA

NOTES:

- A. ZONE LEVEL VENTILATION RESET / DEMAND CONTROL VENTILATION (DCV) CONTROL METHOD:
- B. ZONE LEVEL SET POINT CONDITIONS SHALL BE AS SCHEDULED UNLESS OTHERWISE SCHEDULED
- C. ZONE LEVEL OCCUPANCY HOUR SCHEDULE SHALL BE PER BUILDING OPERATING HOURS UNLESS OTHERWISE SCHEDULED
- D. ZONE LEVEL CONTROLS SHALL BE CAPABLE OF OPERATING WITH INDEPENDENT OCCUPANCY SCHEDULES

ROOFTOP UNIT

CONTROL FEATURE

BUILDING AUTOMATION SYSTEM (BAS)

ENERGY MANAGEMENT SYSTEM INTERFACE

SETPOINTS

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.5, C403.5.1, C403.5.2 [ME62] ¹	Air economizers provided where required, meet the requirements for design capacity, control signal, ventilation controls, high-limit shut-off, integrated economizer control, and provide a means to relieve excess outside air during operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.5, C403.5.1, C403.5.2 [ME62] ¹	Air economizers provided where required, meet the requirements for design capacity, control signal, ventilation controls, high-limit shut-off, integrated economizer control, and provide a means to relieve excess outside air during operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.5.3.3 [ME124] ¹	Air economizers automatically reduce outdoor air intake to the design minimum outdoor air quantity when outdoor air intake will not reduce cooling energy usage. See Table C403.5.3.3 for applicable device types and climate zones.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.5.3.3 [ME124] ¹	Air economizers automatically reduce outdoor air intake to the design minimum outdoor air quantity when outdoor air intake will not reduce cooling energy usage. See Table C403.5.3.3 for applicable device types and climate zones.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.5.3.3 [ME124] ¹	Air economizers automatically reduce outdoor air intake to the design minimum outdoor air quantity when outdoor air intake will not reduce cooling energy usage. See Table C403.5.3.3 for applicable device types and climate zones.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.5.3	System capable of relieving excess	<input type="checkbox"/> Complies	Requirement will be met.



Division 23: HEATING, VENTILATING, AND AIR CONDITIONING

1. GENERAL INSTRUCTIONS

A. GENERAL REQUIREMENTS

All requirements under Division 01 and the general and supplementary conditions of these specifications apply to this section and division. Where the requirements of this section and division exceed those of Division 01, this section and division take precedence. Become thoroughly familiar with all its contents as to requirements that affect this division, section, or both. Work required under this division includes all material, equipment, appliances, transportation, services, and labor required to complete the entire system as required by the drawings and specifications, or reasonably inferred to be necessary to facilitate the function of each system as implied by the design and the equipment specified.

The specifications and drawings for the project are complementary, and any portion of work described in one shall be provided as if described in both. In the event of discrepancies, notify the Engineer and request clarification prior to proceeding with the work involved.

Drawings are graphic representations of the work upon which the contract is based. They show the materials and their relationship to one another, including sizes, shapes, locations, and connections. They convey the scope of work, indicating the intended general arrangement of the systems without showing all of the exact details as to elevations, offsets, control lines, and other installation requirements. Use the drawings as a guide when laying out the work and to verify that materials and equipment will fit into the designated spaces, and which when installed per manufacturers' requirements, will ensure a complete, coordinated, satisfactory, and properly operating system.

B. DEFINITIONS

Division: References contained in this specification follow the numbering system defined in the Construction Specifications Institute (CSI) MasterFormat 2004 Edition. Specification Divisions 01 through 13 provided with this project may reference the CSI MasterFormat 1995 Edition. The corresponding division references between the 2004 Edition and 1995 Edition are as follows:

	2004 Edition	1995 Edition
1.	Division 21 - Fire Suppression	Division 15
2.	Division 22 - Plumbing	Division 15
3.	Division 23 - HVAC	Division 15
4.	Division 26 - Electrical	Division 16
5.	Division 27 - Communications	Division 16
6.	Division 28 - Electronic Safety and Security	Division 16

Furnish: "to supply and deliver to the project site, ready for unloading, unpacking, assembly, installation and similar operations."

Install: "to perform all operations at the project site including, but not limited to, the actual unloading, unpacking, assembling, erecting, placing, anchoring, applying, working to dimension, finishing, curing, protecting, cleaning, testing, commissioning, starting up and similar operations, complete, and ready for the intended use."

Provide: "to furnish and install."

Furnished by Owner (or Owner-Furnished) or Furnished by Others: "an item furnished by the Owner or under other divisions or contracts, and installed under the requirements of this division, complete and ready

H. PROTECTION OF EQUIPMENT

Store and protect from damage equipment and materials susceptible to changing weather conditions, including unconditioned spaces. For materials and equipment, use waterproof, tear-resistant, heavy tarp or polyethylene covering. Protect from paint, water, or physical damage. Replace insulation. Drying the insulation is not acceptable. Seal openings and material damaged by construction activities. Protect equipment and material of a like kind at his or her expense.

Keep premises broom clean of foreign matter. Equipment, etc. shall have a neat and clean appearance. Clean from ceiling/return air plenum, including dust.

Plug, seal, or cap open ends of ductwork and openings when not in use to prevent the entrance of debris. Stop starting equipment and turning the system over until ready to start.

I. SUBSTITUTIONS

Materials, products, equipment, and systems shall meet the required function, dimension, appearance and performance. They shall include only the products from manufacturers listed. To request a substitution, request the Substitution Request Form and send the Substitution Request Form for review. The items to be substituted. The burden of proof of the substitution is on the bidder.

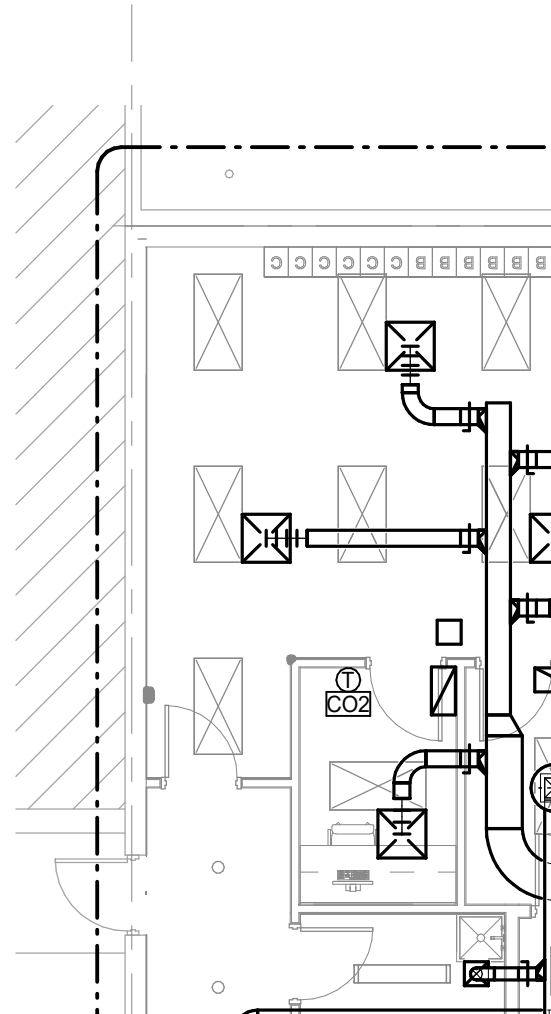
Unless stated otherwise in writing to the Engineer, Architect, and Owner the following:

1. Proposed substitution has been fully installed and tested. Work in all respects unless stated otherwise.
2. Proposed substitution is consistent with the original specification including functional clearances, maintenance, and appearance.
3. Proposed substitution has received necessary approvals.
4. Same warranty will be furnished for proposed substitution.
5. If accepted substitution fails to perform satisfactorily, the system with that originally specified and installed shall be replaced.
6. Coordination, installation and changes shall be complete in all respects.

No substitutions will be considered unless the bidder provides the appropriate substitution documentation. No substitutions will be considered after the date for receipt of bids.

If the proposed substitution is approved prior to the bid addendum. Bidders shall not rely upon approval of a substitution. No substitutions will be considered after the date for receipt of documents.

J. SUBMITTALS





National TAB

Project: 04-17-23 NIKE CLEARANCE - TUCSON, AZ

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU1

AREA: OFFICES

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	
Model Num	50GCQN05A	50GCQN05A
Type	-	
Configuration	-	
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	-	
Rated Voltage	-	
Rated Amperage	-	

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

Electrical		
	Design	Actual
VFD Min Setpt	-	
VFD Max Setpt	-	

Completed By: Brianna Biggs

Notes:

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
SA Temp (db/wb)	-	

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	

National TAB

Project: 04-17-23 NIKE CLEARANCE - TUCSON, AZ

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU2

AREA:STORAGE

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	
Model Num	50HCQD08D	50HCQD08D
Type	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

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

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
SA Temp (db/wb)	-	

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

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	

Electrical		
	Design	Actual
VFD Min Setpt	-	
VFD Max Setpt	-	

Completed By: Brianna Biggs

Notes:

National TAB

Project: 04-17-23 NIKE CLEARANCE - TUCSON, AZ

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU3

AREA:SALES

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	
Model Num	50HCQD12D	50HCQD12D
Type	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

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

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
SA Temp (db/wb)	-	

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

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	

Electrical		
	Design	Actual
VFD Min Setpt	-	
VFD Max Setpt	-	

Completed By: Brianna Biggs

Notes:

National TAB

Project: 04-17-23 NIKE CLEARANCE - TUCSON, AZ

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU4

AREA:SALES

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	
Model Num	50HCQD12D	50HCQD12D
Type	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

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

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
SA Temp (db/wb)	-	

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

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	

Electrical		
	Design	Actual
VFD Min Setpt	-	
VFD Max Setpt	-	

Completed By: Brianna Biggs

Notes:

National TAB

Project: 04-17-23 NIKE CLEARANCE - TUCSON, AZ

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU5

AREA:SALES

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	
Model Num	50HCQD12D	50HCQD12D
Type	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

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

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
SA Temp (db/wb)	-	

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

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	

Electrical		
	Design	Actual
VFD Min Setpt	-	
VFD Max Setpt	-	

Completed By: Brianna Biggs

Notes:

National TAB

Project: 04-17-23 NIKE CLEARANCE - TUCSON, AZ

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU6

AREA:SALES

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	
Model Num	50HCQD12D	50HCQD12D
Type	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

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

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
SA Temp (db/wb)	-	

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

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	

Electrical		
	Design	Actual
VFD Min Setpt	-	
VFD Max Setpt	-	

Completed By: Brianna Biggs

Notes:

National TAB

Project: 04-17-23 NIKE CLEARANCE - TUCSON, AZ

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU7

AREA: SOLAR ZONE

Unit Data		
	Design	Actual
MFG	CARRIER	CARRIER
Serial Num	-	
Model Num	50HCQD08D	50HCQD08D
Type	-	
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	

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

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
SA Temp (db/wb)	-	

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

General		
	Design	Actual
Fan Rotation Correct	-	
Unit Filters Clean	-	

Electrical		
	Design	Actual
VFD Min Setpt	-	
VFD Max Setpt	-	

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Notes:

National TAB

Project: 04-17-23 NIKE CLEARANCE - TUCSON, AZ

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF1

AREA:RESTROOM

Unit Data		
	Design	Actual
MFG	GREENHECK	GREENHECK
Model Num	G-080-VG	G-080-VG
Serial Num	-	
Type	-	
Configuration	-	

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

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

Completed By: Brianna Biggs

Notes:

National TAB

Project: 04-17-23 NIKE CLEARANCE - TUCSON, AZ

System/Unit: FAN - Exhaust



Comfort. Under control.

Asset: EF2

AREA:IT CLOSET

Unit Data		
	Design	Actual
MFG	GREENHECK	GREENHECK
Model Num	SQ-100VG	SQ-100VG
Serial Num	-	
Type	-	
Configuration	-	

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

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

Completed By: Brianna Biggs

Notes: