



Peterson Service Company

234 Route 70
Medford, NJ 08055
Tel: (609) 714-3699 Fax: (609) 714-3698
Email: service@petersonservice.com

Service Ticket #:	58935
Work Order #	58935
Service Date	09/18/2020
Ticket Type	Ctls T&M
Category	ATC T&M Service
Job#	750
Caller	Contract

Location	Customer
GLENLAND Glen Landing Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Rm 107 is offline

Unit #:	Description:
Make:	Serial#:
Work Performed: Controller is offline. Found unit off at breaker from previous coil burst. HW coil has been removed from unit and must be replaced. Freeze stat is tripped. Connected to controller and uploaded program to watch system run. DX coil is freezing up. Must investigate if it is from a dirty coil or low on refrigerant. FCU can run with fan and OA damper for economization until repair has been made.	

Recommendations

Summary					
Materials					
N/A					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	2.00	O/T Labor	0.00	Prem 0.00
Customer Signature					
Printed Name:					



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Service Ticket #:	58830
Work Order #	58783
Service Date	09/18/2020
Ticket Type	Ctls T&M
Category	ATC T&M Service
Job#	793
Caller	Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Follow up on Ticket #58829 Follow up on Ticket #58783 Replace motor for Gym AHU.

Unit #:	Description:
Make:	Serial#:
Work Performed: Finished installing new motor and pulley. Aligned pulley. Installed new belt. Adjusted belt tension. Cleaned metal filters and reinstalled in unit. Reinstalled all doors. Greased bearings. Disconnected RA/OA damper linkage and lubricated dampers. Left OA damper open 15% and locked into position until JCI can come out and retrofit AHU. Started up AHU and left running.	

Recommendations

Summary					
Materials					
Previous ticket has PO					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	6.00	O/T Labor	0.00	Prem 0.00
Customer Signature					
Printed Name:					



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Service Ticket #: 58829	
Work Order #	58783
Service Date	09/17/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	793
Caller	Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Follow up on Ticket #58783 Replace motor for Gym AHU.

Unit #:	Description:
Make:	Serial#:
Work Performed: -Disconnected and removed motor from unit. Brought to Jarvis to match up motor. Picked up new motor under customers account. Picked up replacement pulley. -Waited for and met with JCI to go over issues	

Recommendations

Summary					
Materials					
PO 13231					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	8.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Email: service@petersonservice.com

Service Ticket #: 58828	
Work Order #	58828
Service Date	09/15/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	793
Caller	Contract

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Chiller is down

Unit #:	Description:
Make:	Serial#:
Work Performed: Staff is reporting numerous rooms are warm. Checked Metasys and found all rooms connected to wireless router are offline. Reset power to Johnson Controls wireless router to attempt to restore communication. Once powered up, controllers began to come back online. Found Daikin Chiller was not running. Chiller controller had two alarms, one alarm attached to each circuit. Compressor #1 is off at internal breaker as it was written up for replacement already. Compressor #3 internal breaker was tripped. As soon as breaker is reset, it trips immediately. Suspect compressor is shorted to ground and must be replaced. Compressor #2 was running after being reset. Compressor #4 was disabled in the controller. Turned compressor enable point back to AUTO mode so both compressors on the circuit can run. Dave S. will be coming out to site to diagnose system.	

Recommendations

Summary					
Materials					
N/A					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	4.00	O/T Labor	0.00	Prem 0.00
Customer Signature					
Printed Name:					



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Service Ticket #:	58783
Work Order #	58783
Service Date	09/16/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	793
Caller	Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Replace motor for Gym AHU.

Unit #:	Description:
Make:	Serial#:
Work Performed: -Began disassembling one of the two GYM AHU's that is located on the right side of the stage. Cleaned unit of dirt/debris inside cabinets. Brushed coil that was covered with dirt. Disconnected electric heating bank and removed from unit. Began disconnecting motor. Must return to continue -Met with JCI to go over issues	

Recommendations

Summary					
Materials					
PO 13231					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	8.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Service Ticket #: 58775

Work Order #: 58775

Service Date: 09/15/2020

Ticket Type: Ctl's T&M

Category: ATC T&M Service

Job#: 639

Caller: Contract

Location	Customer
UNION VA Union Valley Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Room 204 is too cold

Unit #:	Description:
Make:	Serial#:
Work Performed: Room is 65 degrees with chilled water valve being commanded closed. Tested chilled water valve actuator and found actuator is broken and must be replaced. Found several spare actuators in customer stock. Replaced actuator and tested. Verified valve opens/closes and does not pass.	

Recommendations

Summary

Materials

Customer stock

Labor

Technician	Hours			
David Dougherty	Reg Labor	4.00	O/T Labor	0.00
			Prem	0.00

Customer Signature

Printed Name:



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Email: service@petersonservice.com

Service Ticket #: 58761

Work Order #: 58543

Service Date: 09/17/2020

Ticket Type: Serv T&M

Category: HVAC T&M Service

Job#: 1177

Caller: Sani Umar

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

CLASSROOM D2A - CHECK CONDENSOR UNIT NO COOLING.

Unit #:

Description:

Make:

Serial#:

Work Performed:

- retrieved the compressor at proudly precision.
- retrived the other parts from supply house
- Worked with Shawn to replace the compressor on a condensing unit on the roof.
- Cleaned up.

Recommendations

Summary

Materials

13176-13177

Labor

Technician	Hours				
	Reg Labor		O/T Labor	Prem	
Luke Henry	8.00		0.00		0.00

Customer Signature

Printed Name:

Master HVAC/R Contractor: Renee Fiorelli

Page 1 of 1

Master HVAC/R Contractor Lic#: 19HC00380500



Peterson Service Company

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Email: service@petersonservice.com

Service Ticket #: 58717

Work Order # 58717

Service Date 09/16/2020

Ticket Type Serv T&M

Category HVAC T&M Service

Job# 1840

Caller Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
CHILLER LOST COMPRESSOR

Unit #: GTBOE_LF_CHR1

Description: CHILLER

Make:

Serial#:

Work Performed:

chiller 1 circuit 1a and 1b have bad compressors, follow up quote will be sent tyo our service department, circuit 2 is low on gas, follow up to leak check will be needed

Recommendations

Summary

Materials

none

Labor

Technician	Hours				
	Reg Labor	O/T Labor	Prem		
David Schilling	4.00	0.00	0.00		

Customer Signature

Printed Name:



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Email: service@petersonservice.com

Service Ticket #: 58608

Work Order # 58608

Service Date 09/11/2020

Ticket Type Ctl's T&M

Category ATC T&M Service

Job# 750

Caller Contract

Location	Customer
GLENLAND Glen Landing Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Blank of vent grills in girls bathroom in 200 wing

Unit #:

Description:

Make:

Serial#:

Work Performed:

Scoped out alternative to the existing return grills in the girls bathroom. Recommend blanking off existing wall return grills and filling with concrete. Recommend installing 2 new exhaust fans, one in the girls room and one in the boys room, as soon as you enter each bathroom so it is far away from the bathroom stalls. Cut blank off covers. Removed wall grills and installed blank off plates.

Recommendations

Summary

Materials

N/A

Labor

Technician	Hours			
	Reg Labor	O/T Labor	Prem	
David Dougherty	4.00	0.00		0.00

Customer Signature

Printed Name:



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Service Ticket #: 58607	
Work Order #	58606
Service Date	09/11/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	647
Caller	Contract

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Follow up on Ticket #58606 Classroom A0 motor overheating

Unit #:	Description:
Make:	Serial#:
Work Performed: Finished installing new motor. Started up and verified operation	

Recommendations

Summary					
Materials					
N/A					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	2.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Service Ticket #: 58606

Work Order # 58606

Service Date 09/10/2020

Ticket Type Ctl's T&M

Category ATC T&M Service

Job# 647

Caller Contract

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Classroom A0 motor overheating

Unit #:	Description:
Make:	Serial#:
Work Performed: Motor is overheating. Found the shaft reducing coupling that connects the motor shaft to the blower assembly shaft has started to separate from one another. This caused the blower wheels to shift over and scrape against the blower wheel housing. Motor is bad and must be replaced. Picked up motor from customer stock and began disassembled motor assembly in unit. Must return to continue replacing motor.	

Recommendations

Summary

Materials

Customer Stock

Labor

Technician	Hours			
David Dougherty	Reg Labor	4.00	O/T Labor	0.00
			Prem	0.00

Customer Signature

Printed Name:

Master HVAC/R Contractor: Renee Fiorelli

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Master HVAC/R Contractor Lic#: 19HC00380500



Peterson Service Company

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Service Ticket #:	58604
Work Order #	58604
Service Date	09/10/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	821
Caller	Contract

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Meet with JCI to go over issues within district

Unit #:	Description:
Make:	Serial#:
Work Performed: Met with JCI at Mullen, Blackwood, and Erial school to go over issues listed below. Issues found: 1. Many of the FCU's have the controller's 24v transformer wired into the fan speed selector switch. If a teacher turns the fan to Off position, the controller will lose power and show offline until someone turns the fan back on. This is incorrect. The transformer should be wired into the main disconnect switch, not the fan speed selector switch. 2. Many of the FCU's freeze stat capillary tubing is installed with portions of the tubing out of the airstream. In some FCU's, the capillary tube is ran onto of the coil which has a plastic cover over it so it is not in the direct airstream. This could prevent the freeze stat from tripping which could lead to the coil freezing. 3. Classroom 9 controller at Blackwood elementary school was wired with the relays be given 24v common at the controller, not 24v hot.	

Recommendations

Summary					
Materials					
N/A					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	4.00	O/T Labor	0.00	Prem 0.00
Customer Signature					
Printed Name:					



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Email: service@petersonservice.com

Service Ticket #: 58604

Work Order #: 58604

Service Date: 09/10/2020

Ticket Type: Ctl's T&M

Category: ATC T&M Service

Job#: 821

Caller: Contract

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Unit #:

Description:

Make:

Serial#:

This meant that both sides of the relay coil was wired to 24v common. The unit could not have ran in its current state.

4. Ann Mullen 800 wing FCU's have freeze stats physically installed in units but are not reflected in JCI points. JCI will need to go back and modify programming to integrate freeze stats.

5. It appears that if the freeze trips, the low temperature alarm displays that it is in alarm and the fan status goes to OFF, which is good, because the 24v relay power is interrupted by one set of the freeze stat contacts. However, the program still has the fan commanded ON. I believe the program should be modified so if the freeze stat trips, the fan will be commanded OFF as another form of precaution.

Recommendations

Summary

Materials

Labor

Technician

Hours

Reg Labor

O/T Labor

Prem

Customer Signature

Printed Name:

Master HVAC/R Contractor: Renee Fiorelli

Page 2 of 2

Master HVAC/R Contractor Lic#: 19HC00380500



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Service Ticket #:	58560
Work Order #	58499
Service Date	09/14/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1177
Caller	Sani Umar

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
CAFE RTU LEAK CHECK CIRCUIT 2 FOLLOW UP WITH SHAWN SALVATO

Unit #:	Description:
Make:	Serial#:
Work Performed: Cleaned heavily clogged evaporator coil thoroughly. To properly clean and access the evaporator coil I dismantled the economizer. I then cleaned the coil by using viper evaporator coil cleaner 6 times. Each time allowing cleaner to sit for the recommended time and then rinsing the coil from inside the blower wheel compartment out, to ensure I was able to push all dirt, dust and debris out of the coil to allow proper airflow to cross over the coil. I then re-assembled economizer and attached it back to unit and replaced the filters (8) that were supplied by the school.	

Recommendations

Summary					
Materials					
na					
Labor					
Technician	Hours				
James McDermott	Reg Labor	6.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Service Ticket #:	58544
Work Order #	58499
Service Date	09/14/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1177
Caller	Sani Umar

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
CAFE RTU LEAK CHECK CIRCUIT 2

Unit #:	Description:
Make:	Serial#:
Work Performed: Unit left on 300psig standing pressure over weekend. No loss of pressure. Only conclusion we can figure, is that whomever made the repair on the condenser coil previously, never charged the circuit. Blew off nitrogen and attached vacuum pump. Pulled vacuum through 2 oil cartridges before reaching 440 microns. While unit was on vacuum, I repaired the faulty condensate drain, by adding a proper trap to it. Previously it had a 90 fitting and straight to the roof. James and I cleaned the evaporator coil which was clogged with debris (pics attached). New customer supplied filters installed as well. Charged unit with factory charge of 25lbs R22 and energized unit. Obtained pressures and supply temp readings. Unit is back online, functioning on both circuits again. # New Refrigerant Added: 25lbs	

Recommendations

Summary					
Materials					
13189					
Labor					
Technician	Hours				
Shawn Salvato	Reg Labor	8.00	O/T Labor	0.00	Prem
0.00					
Customer Signature					
Printed Name:					



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Email: service@petersonservice.com

Service Ticket #: 58544

Work Order #: 58499

Service Date: 09/14/2020

Ticket Type: Serv T&M

Category: HVAC T&M Service

Job#: 1177

Caller: Sani Umar

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Unit #:

Description:

Make:

Serial#:

Vacuum Set Up

Refrigerant Type: R22

Recommendations

Summary

Materials

Labor

Technician

Hours

Reg Labor

O/T Labor

Prem

Customer Signature

Printed Name:



Peterson Service Company

234 Route 70

Medford, NJ 08055

Tel: (609) 714-3699 Fax: (609) 714-3698

Email: service@petersonservice.com

Service Ticket #:	58543
Work Order #	58543
Service Date	09/11/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1177
Caller	Sani Umar

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
CLASSROOM D2A - CHECK CONDENSOR UNIT NO COOLING.

Unit #:	Description:
Make:	Serial#:
Work Performed: Previous contractor looked into this unit and it has been left unresolved. Unit off at disconnect because of no cooling. Disassembled condenser and accessed compressor. Removed wires and ohm'd out compressor. Compressor is shorted in windings. Located replacement compressor from Goodman and ordered for repair. Will return to replace compressor, contactor, drier, and recharge unit. **Unable to check disconnect fuses. Disconnect is filled with a large, active wasps nest.	

Recommendations

Summary

Materials

13176

Labor

Technician	Hours			
Shawn Salvato	Reg Labor	2.00	O/T Labor	0.00
			Prem	0.00

Customer Signature

Printed Name:



Peterson Service Company

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Service Ticket #: 58522	
Work Order #	58522
Service Date	09/11/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	647
Caller	Sani Umar

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Teacher's Lounge RTU not cooling.

Unit #:	Description:
Make:	Serial#:
Work Performed: RTU is not cooling space. Verified call for cooling on Y1 terminal. Found outdoor air sensor is preventing the compressor from running. Ordered new sensor. Myself or another technician will return to install when sensor comes in	

Recommendations

Summary					
Materials					
PO 13135					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	2.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Service Ticket #:	58366
Work Order #	58366
Service Date	09/09/2020
Ticket Type	Ctls T&M
Category	ATC T&M Service
Job#	1834
Caller	Contract

Location	Customer
BLACKWOO Blackwood Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Replace condenser fan motor for Coach's office PTAC

Unit #:	Description:
Make:	Serial#:
Work Performed: Replaced condenser fan motor for PTAC unit. Reassembled unit and reinstalled in wall sleeve. Started up and verified operation. Monitored unit and verified unit began to cool space.	

Recommendations

Summary					
Materials					
Customer stock					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	3.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



Peterson Service Company

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Service Ticket #:	58329
Work Order #	58329
Service Date	09/09/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1840
Caller	Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
A-9 NO COOLING ON RTU

Unit #:	Description:
Make:	Serial#:
Work Performed: Unit not cooling. School HVAC tech turned unit off at disconnect. Energized and found no call at terminals on control board. Jumped unit out with no reaction. Found 24v wire removed from coil. Restored function. Ran TRANE unit through test feature. Upon call for mechanical cooling, compressor was extremely loud and vibrated. Attached wireless gauges and restarted again. No differential pressure between High and low side. Confirmed bad compressor. Removed fuses from disconnect to disable operation. Contacted TRANE for replacement parts. Picked up parts needed for replacement. Remaining items will be in , in a few days. Follow up created and placed on schedule	

Recommendations

Summary					
Materials					
13120					
Labor					
Technician	Hours				
Shawn Salvato	Reg Labor	4.00	O/T Labor	0.00	Prem 0.00

Customer Signature

Printed Name:



Peterson Service Company

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Service Ticket #:	58321
Work Order #	58321
Service Date	09/08/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	647
Caller	Contract

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Classroom D3 is not running

Unit #:	Description:
Make:	Serial#:
Work Performed: -Classroom D3 freeze stat was tripped. Reset freeze stat and verified unit started up. -Classroom D2 FCU in ceiling was not running. Found unit was at setpoint which turned the supply fan off. It appears the controller is programmed so the fan only runs in AUTO mode, on a call for heat/cool and is not commanded to run any time the space is occupied. Lowered warm/cool adjust and verified fan came on and began to cool space. -Cafe RTU DA temp is not dropping when second stage of cooling is enabled. Troubleshoot RTU and found Circuit #2 low pressure switch is open. There is oil residue in the condenser section at the condenser coil header. Suspect there is a refrigerant leak and system must be leak checked/repair	

Recommendations

Summary						
Materials						
N/A						
Labor						
Technician	Hours					
David Dougherty	Reg Labor	4.00	O/T Labor	0.00	Prem	0.00
Customer Signature						
Printed Name:						



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Service Ticket #:	58319
Work Order #	58319
Service Date	09/08/2020
Ticket Type	Ctls T&M
Category	ATC T&M Service
Job#	1834
Caller	Contract

Location	Customer
BLACKWOO Blackwood Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Multiple FCU's have freeze stat's tripped

Unit #:	Description:
Make:	Serial#:
Work Performed: -Went through classrooms 37,38, and 39 to reset freeze stats. Verified fans were running and cooling came on. -Classroom E1 in LF was not running. Found someone had turned off the main disconnect switch for the unit. Turned breaker back on and verified operation.	

Recommendations

Summary

Materials

N/A

Labor

Technician	Hours				
	Reg Labor		O/T Labor	Prem	
David Dougherty	2.00		0.00		0.00

Customer Signature

Printed Name:



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Service Ticket #: 58318	
Work Order #	58316
Service Date	09/09/2020
Ticket Type	CtIs T&M
Category	ATC T&M Service
Job#	750
Caller	Contract

Location	Customer
GLENLAND Glen Landing Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Follow up on Ticket #58316 Classroom 108 has no cooling

Unit #:	Description:
Make:	Serial#:
Work Performed: Replaced controller with PCG. Upon commissioning, found OA damper actuator is bad as well as the warm/cool adjust slider. Replaced both the OA damper actuator as well as the space temp sensor with warm/cool adjust. Commissioned and verified operation.	

Recommendations

Summary

Materials

PO 13115

Labor

Technician	Hours			
	Reg Labor	O/T Labor	Prem	
David Dougherty	5.00	0.00		0.00

Customer Signature

Printed Name:



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Email: service@petersonservice.com

Service Ticket #:	58316
Work Order #	58316
Service Date	09/08/2020
Ticket Type	Ctls T&M
Category	ATC T&M Service
Job#	750
Caller	Contract

Location	Customer
GLENLAND Glen Landing Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Classroom 108 has no cooling

Unit #:	Description:
Make:	Serial#:
Work Performed: Fan and cooling are both commanded on but neither are running. Connected to controller and uploaded program. Program appears to be OK. Downloaded program back into controller to try and clear and glitches. Still do not have 24v out of controller's outputs. Controller output relays are bad. Controller must be replaced. Will return to replace controller	

Recommendations

Summary						
Materials						
N/A						
Labor						
Technician	Hours					
David Dougherty	Reg Labor	2.00	O/T Labor	0.00	Prem	0.00
Customer Signature						
Printed Name:						



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Service Ticket #: 58301	
Work Order #	58301
Service Date	09/08/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1177
Caller	Sani Umar

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
D-9 - LEAK ON HOT WATER LOOP.

Unit #:	Description:
Make:	Serial#:
Work Performed: Unit in Library storage room is leaking. Found hot water loop to McQuay air handler leaking at or around the air bleeder. Removed 2 lengths of pipe insulation which was saturated. Shut supply and return valves to unit and drained some water from coil. Will need to return with a larger ladder 10-12' to access the top of the loop. This is not a priority call at the moment but will need to be addressed prior to heat start up. Condensate P-trap will also need to be insulated. 1" copper trap is sweating in the ceiling	

Recommendations

Summary

Materials

none

Labor

Technician	Hours				
	Reg Labor	O/T Labor	Prem		
Shawn Salvato	1.00	0.00			0.00

Customer Signature

Printed Name:



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Service Ticket #:	58300
Work Order #	58282
Service Date	09/09/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1177
Caller	Sani Umar

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
D2-GUIDANCE - CONDENSATE PAN IS LEAKING - NEEDS EVAP COIL CLEANING

Unit #:	Description:
Make:	Serial#:
Work Performed: Returned onsite and checked in with Hector. Removed condensate pan to access coil. Cleaned coil with foaming evap cleaner and shop vac. Used brush to clean off excess from fins. Properly attached condensate pan and pitched to drain. Closed up unit and enabled call for cooling. Verified cooling operation at condenser on roof. Verified condensate is draining from pan. Supply temp at registers is 59.7 degrees. Access to evap coil is very tight. Cleaned to the best of my ability. Water is now running down fins, but without proper size filter, dirt and debris will pass and clog coil again.	

Recommendations

Summary					
Materials					
2 cans foaming evap cleaner.					
Labor					
Technician	Hours				
Shawn Salvato	Reg Labor	4.00	O/T Labor	0.00	Prem 0.00
Customer Signature					
Printed Name:					



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Email: service@petersonservice.com

Service Ticket #:	58209
Work Order #	58209
Service Date	09/04/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	1834
Caller	Contract

Location	Customer
BLACKWOO Blackwood Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
FCU's are down

Unit #:	Description:
Make:	Serial#:
Work Performed: -Continued troubleshooting down FCU's for classrooms 36 through 42 -Troubleshoot FCU D3 and A0 in Erial. Replaced capacitor for A0 FCU to get motor running -FCU 304 in Chews is not showing fan status. Fan was not drawing enough amperage to make current sensor contacts. Wrapped wire twice through CT to double the amperage. Once status was proven, cooling command became enabled. -Troubleshoot Ductless split system down in Lewis 200 wing. Found system was low on charge. Found refrigerant leak at flare nut. Tightened flare nut and sprayed down. No visible leaks present at this time. Added refrigerant to system. Checked pressures and temps. Operation OK ****Note****	

Recommendations

Summary

Materials

Customer Stock

Labor

Technician	Hours			
	Reg Labor	O/T Labor	Prem	
David Dougherty	4.00		4.50	0.00

Customer Signature

Printed Name:



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Service Ticket #:	58209
Work Order #	58209
Service Date	09/04/2020
Ticket Type	Ctls T&M
Category	ATC T&M Service
Job#	1834
Caller	Contract

Location	Customer
BLACKWOO Blackwood Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Unit #:	Description:
Make:	Serial#:
Issues found:	
1. Many of the FCU's have the controller's 24v transformer wired into the fan speed selector switch. If a teacher turns the fan to Off position, the controller will lose power and show offline until someone turns the fan back on. This is incorrect. The transformer should be wired into the main disconnect switch, not the fan speed selector switch.	
2. Many of the FCU's freeze stat capillary tubing is installed with portions of the tubing out of the airstream. In some FCU's, the capillary tube is ran onto of the coil which has a plastic cover over it so it is not in the direct airstream. This could prevent the freeze stat from tripping which could lead to the coil freezing.	
3. Classroom 9 controller at Blackwood elementary school was wired with the relays be given 24v common at the controller, not 24v hot. This meant that both sides of the relay coil was wired to 24v common. The unit could not have ran in its current state.	

Recommendations

Summary				
Materials				
Labor				
Technician	Hours			
	Reg Labor	O/T Labor	Prem	

Customer Signature
Printed Name:



Peterson Service Company

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Medford, NJ 08055

Tel: (609) 714-3699 Fax: (609) 714-3698

Email: service@petersonservice.com

Service Ticket #: 58163

Work Order #: 58163

Service Date: 09/04/2020

Ticket Type: Serv T&M

Category: HVAC T&M Service

Job#: 2003

Caller: Contract

Location	Customer
BLACKWOOD Blackwood Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
rm 38 and 42,

Unit #:	Description:
Make:	Serial#:
Work Performed: I ran and grabbed motor off of Dave doc. I returned to rm 38 and replaced motor, and tested unit. Unit checked out and was operating with in range. Room 42- I disassembled the front of unit to access coils. I sprayed with clean let it sit. I shopped vacced the dirt and cleaner off. coils still dirty. I cleaned coil second time coil looked better. I closed unit up and test ran.	

Recommendations

Summary					
Materials					
motor					
Labor					
Technician	Hours				
Joshua Houser	Reg Labor	3.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:

Master HVAC/R Contractor: Renee Fiorelli

Page 1 of 1

Master HVAC/R Contractor Lic#: 19HC00380500



Peterson Service Company

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Medford, NJ 08055

Tel: (609) 714-3699 Fax: (609) 714-3698

Email: service@petersonservice.com

Service Ticket #: 58097	
Work Order #	58088
Service Date	09/04/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	793
Caller	Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Follow up on Ticket #58088 RTU for room A-9 is down.

Unit #:	Description:
Make:	Serial#:
Work Performed: -Installed control board and wired up. Unit started up and compressor came on. System is not cooling as it should. Facilities will be coming back to check pressures. -Installed new fuse for music room FCU. Fan started up but condensing unit will not come on. Upon troubleshooting, found 120v to 24v transformer is bad and must be replaced. Replaced Transformer. Condensing unit started up but began to freeze up. Suspect there is a leak and system is low on charge. Facilities will be coming back to check pressures/charge system	

Recommendations

Summary

Materials

PO 13072

Labor

Technician	Hours			
	Reg Labor	O/T Labor	Prem	
David Dougherty	4.00	0.00		0.00

Customer Signature

Printed Name:

Master HVAC/R Contractor: Renee Fiorelli

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Master HVAC/R Contractor Lic#: 19HC00380500



Peterson Service Company

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Tel: (609) 714-3699 Fax: (609) 714-3698

Email: service@petersonservice.com

Service Ticket #:	58096
Work Order #	58096
Service Date	09/02/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	793
Caller	Contract

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
E-1 FCU is not running

Unit #:	Description:
Make:	Serial#:
Work Performed: -E1 FCU controller has fallen off the din rail because it is mounted in a vertical position without any din rail stops installed. There is nothing to stop the controller from siding down the din rail. Because of this, when the controller fell, the wire for the cooing command output pulled out of controller. Reinstalled wire and verified call for cooling but JCI should correct this to prevent this from happening again. Once call for cooling was established, found auto reset high pressure switch is bad. Installed swivel tee and manual reset high pressure switch. Started up system and verified operation. -Libaray FCU by teachers lounge is not cooling. Found chilled water coil is completed covered with dirt. Disassembled unit and cleaned coil. Vacuumed all dirt/dust from unit. Reassembled unit and ran. Verified FCU was cooling space.	

Recommendations

Summary

Materials

N/A

Labor

Technician

David Dougherty

Hours

Reg Labor

0.50

O/T Labor

5.50

Prem

0.00

Customer Signature

Printed Name:



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Service Ticket #:	58095
Work Order #	58095
Service Date	09/01/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	793
Caller	Contract

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
FCU's in E-Wing are not running

Unit #:	Description:
Make:	Serial#:
Work Performed: Multiple FCU's in E-Wing are not running. Found the most common issue is the controller defaults into Shutdown Mode when power is reset to controller. Controller has to be re-enabled via computer for unit to call to run again. JCI must change this so the default for all controllers is "Enable" mode. E3, E4 and E5 high pressure switches were tripped. Reset high pressure switches and ran.	

Recommendations

Summary					
Materials					
N/A					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	3.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Email: service@petersonservice.com

Service Ticket #: 58094

Work Order #: 58094

Service Date: 09/01/2020

Ticket Type: Ctl's T&M

Category: ATC T&M Service

Job#: 838

Caller: Contract

Location	Customer
JAMESWLILLEY James W Lilley, Jr Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Check Exhaust fans and Room 304 operation

Unit #:

Description:

Make:

Serial#:

Work Performed:

Checked operation of exhaust fans. Found 2 motor starters in hallways closet that were in auto mode but not being commanded on. Placed both starters in HAND mode to get running. Also found the 3 exhaust fans that are enabled by the BAS were being commanded off by the program for some reason. Commanded all 3 exhaust fans on but none of the three were showing status. Found exhaust fan for front hallway bathroom and teachers lounge bathroom was not running. Traced power out and found old Pneumatic to electric switch above the drop ceiling with the pneumatic line disconnected and capped off. Because there is no pneumatic pressure, the switch contacts will never be enabled and the exhaust fan will never run. Jumped out switch contacts to get fan running. Verified negative pull at register grills. A power disconnect switch should be installed in the bathroom/custodial closet to disconnect power when not needed or tie into BAS. Rm 304 RTU was not cooling. Found fan cycling control capillary tube vibrated and cracked, blowing the charge. Switch must be replaced as well as liquid line filter drier, leak checked, and charged.

Recommendations

Summary

Materials

N/A

Labor

Technician	Hours				
	Reg Labor	O/T Labor	Prem		
David Dougherty	5.00	0.00	0.00		

Customer Signature

Printed Name:

Master HVAC/R Contractor: Renee Fiorelli

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Master HVAC/R Contractor Lic#: 19HC00380500



Peterson Service Company

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Tel: (609) 714-3699 Fax: (609) 714-3698

Email: service@petersonservice.com

Service Ticket #: 58088

Work Order #: 58088

Service Date: 09/03/2020

Ticket Type: Ctl's T&M

Category: ATC T&M Service

Job#: 793

Caller: Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

RTU for room A-9 is down.

Unit #:

Description:

Make:

Serial#:

Work Performed:

-RTU A9 is down. 24v circuit breaker on transformer is tripping instantly, indicating a dead short to ground. Traced out all wires and narrowed down to a bad control board. Removed all wires from board and found board is shorted to ground. Ordered board through Trane, must return to install.

- Checked Library FCU on office side of Library for no airflow. Disassembled unit and found chilled water coil is completely blocked with dirt. Found motor is bad. Shaft is seized. Bearing is bad which caused the motor to go bad. When motor motor over amped, it blew the 10amp internal fuse. Replaced motor, bearing, and 10amp fuse. Cleaned coil and vacuumed out unit to remove all dirt/dust. Started up motor and verified good airflow.

Recommendations

Summary

Materials

PO 13071

Labor

Technician	Hours			
	Reg Labor	O/T Labor	Prem	
David Dougherty	6.00	0.00	0.00	0.00

Customer Signature

Printed Name:

Master HVAC/R Contractor: Renee Fiorelli

Page 1 of 1

Master HVAC/R Contractor Lic#: 19HC00380500



Peterson Service Company

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Email: service@petersonservice.com

Service Ticket #:	58079
Work Order #	58079
Service Date	09/03/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	1834
Caller	Sani Umar

Location	Customer
BLACKWOO Blackwood Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Coach's offices has no cooling.

Unit #:	Description:
Make:	Serial#:
Work Performed: -Coach's office FCU has no cooling. Unit is tripping out. Disassembled unit and found condenser fan motor is bad and must be replaced. Will need to take motor to Jarvis so they can match up. -Room 9 classroom is not running but BAS says it is enabled. Found controller was wired wrong. The relay outputs were wired to 24v common instead of 24v hot, making it impossible for the unit to have ran prior. -Room 42 evap coil is very dirty and needs to be cleaned. Once cleaned, charge will have to be checked as unit is freezing up. -Room 36 appears to be operating. Evap coil is clean. -Room 37 appears to have a refrigerant leak. Suspect unit is low on charge. System will need to have refrigerant added and leak checked at a later date. -Room 38 fan is not running. Suspect bad motor. Will need to pick up new motor and install.	

Recommendations

Summary					
Materials					
Customer Stock					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	2.00	O/T Labor	4.00	Prem 0.00

Customer Signature
Printed Name:



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Service Ticket #: 58079	
Work Order #	58079
Service Date	09/03/2020
Ticket Type	CtIs T&M
Category	ATC T&M Service
Job#	1834
Caller	Sani Umar

Location	Customer
BLACKWOO Blackwood Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Unit #:	Description:
Make:	Serial#:
****Note**** It appears that the freeze stat capillary tubes are not installed properly over the airflow which may prevent freeze stat from tripping in a freeze condition.	
****Note**** The controller 24v transformer power supply is wired in series with the fan speed selector switch instead of the circuit breaker. If a teacher turns the fan selector switch to off, power will be terminated to controller causing the controller to go offline and not communicate.	

Recommendations

Summary				
Materials				
Labor				
Technician	Reg Labor		Hours	
			O Labor	Prem
Customer Signature				
Printed Name:				



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Service Ticket #: 58073

Work Order #: 57983

Service Date: 09/03/2020

Ticket Type: Serv T&M

Category: HVAC T&M Service

Job#: 1336

Caller: Sani Umar

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
chiller check

Unit #: CH1	Description: Chiller 1
Make: TRANE	Serial#:
Work Performed: picked up new board locally, replaced and programmed, tested operation, ok, started chiller and tested, chiller online and operating properly	

Recommendations

Summary					
Materials					
13052					
Labor					
Technician	Hours				
David Schilling	Reg Labor	6.00	O/T Labor	0.00	Prem 0.00

Customer Signature

Printed Name:



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Service Ticket #:	58022
Work Order #	57998
Service Date	09/03/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1336
Caller	Sani Umar

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
follow ticket 57998 INVESTIGATE ROOM 611 CONTACT JAMES JONES

Unit #:	Description:
Make:	Serial#:
Work Performed: Picked up OEM replacement transformer and new 3A fuses (2 stops) and arrived on site. Removed faulty transformer and verified wiring (due to slight difference in new transformer) Wired in new transformer and mounted control box back to unit. Tested operation. NO FAN. Transformer output is correct. Ohm'd fan motor and found bad. Received ok from Sani to replace motor. Customer has spare onsite. Removed motor, installed new, and tested operation. Re-assembled Unit and cleaned up work area. Also checked on room 403 and replaced control fuse with new 3a fuse. A temporary was left in place yesterday to get unit back online.	

Recommendations

Summary					
Materials					
13055. Multiple electrical crimp connectors.					
Labor					
Technician	Hours				
Shawn Salvato	Reg Labor	8.00	O/T Labor	0.00	Prem 0.00
Customer Signature					
Printed Name:					



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Email: service@petersonservice.com

Service Ticket #: 57998

Work Order #: 57998

Service Date: 09/02/2020

Ticket Type: Serv T&M

Category: HVAC T&M Service

Job#: 1336

Caller: Sani Umar

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
INVESTIGATE ROOM 611

Unit #:	Description:
Make:	Serial#:
Work Performed: No cooling bad transformer. Visually confirmed bad transformer, clearly failed. Checked power to unit and fuse. Found bad fuse as well. Located OEM transformer replacement due to non regular transformer.	

Recommendations

Summary

Materials

Labor

Technician	Hours				
James Jones III	Reg Labor	1.00	O/T Labor	0.00	Prem 0.00

Customer Signature

Printed Name:



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Email: service@petersonservice.com

Service Ticket #: 57997

Work Order #: 57997

Service Date: 09/02/2020

Ticket Type: Serv T&M

Category: HVAC T&M Service

Job#: 1336

Caller: Sani Umar

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
INVESTIGATE ROOM 607

Unit #:	Description:
Make:	Serial#:
Work Performed: Room not cooling. The day before room was in the 80s. Checked operation of unit. Turned thermostat for call for cooling. Unit filters are clean and is putting out 65 degree air and holding space temp at 70 degrees. Watched unit satisfie and chilled water valve close. Talked with Rob my point of contact, no further investigation was necessary at this time. Room is a computer lab thermostat is maxed talked about lowering set point on ATC in the future.	

Recommendations

Summary

Materials

Labor

Technician	Hours				
	Reg Labor	O/T Labor	Prem		
James Jones III	0.50	0.00			0.00

Customer Signature

Printed Name:



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Email: service@petersonservice.com

Service Ticket #: 57996

Work Order #: 57996

Service Date: 09/02/2020

Ticket Type: Serv T&M

Category: None

Job#: 1336

Caller: Sani Umar

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
INVESTIGATE ROOM 403

Unit #:	Description:
Make:	Serial#:
Work Performed: Blower not running. Found blown 1 amp fuse. Unit calls for 3 amp fuse. Inspected unit, blower shaft was tight to turn, oiled motor and shaft bearings. Found loose wire nut that arched, fixed. Installed new fuse and tested. Motor pulling 1.6 amps rated at 1.6 amps. Unit is now cooling.	

Recommendations

Summary

Materials

fuse

Labor

Technician	Hours				
James Jones III	Reg Labor	2.00	O/T Labor	0.00	Prem
					0.00

Customer Signature

Printed Name:



Peterson Service Company

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Tel: (609) 714-3699 Fax: (609) 714-3698
Email: service@petersonservice.com

Service Ticket #: 57995

Work Order #: 57995

Service Date: 09/02/2020

Ticket Type: Serv T&M

Category: HVAC T&M Service

Job#: 1336

Caller: Sani Umar

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
INVESTIGATE ROOM 401

Unit #:	Description:
Make:	Serial#:
Work Performed: No cooling. Found unit taken apart, out side contractor not finished installing ATC controls. Lowered thermostat unit responded and began to cool the space. Left in operation.	

Recommendations

Summary

Materials

Labor

Technician	Hours				
James Jones III	Reg Labor	0.50	O/T Labor	0.00	Prem
					0.00

Customer Signature

Printed Name:



Peterson Service Company

234 Route 70
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Tel: (609) 714-3699 Fax: (609) 714-3698
Email: service@petersonservice.com

Service Ticket #:	57984
Work Order #	57984
Service Date	09/02/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	722
Caller	Sani Umar

Location	Customer
UNION VA Union Valley Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
chiller check

Unit #: Chiller Make: Trane	Description: Chiller Serial#:
Work Performed: checked operation of chiller, ok	

Recommendations

Summary					
Materials					
none					
Labor					
Technician	Hours				
David Schilling	Reg Labor	2.00	O/T Labor	0.00	Prem
					0.00

Customer Signature
Printed Name:



Peterson Service Company

234 Route 70
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Tel: (609) 714-3699 Fax: (609) 714-3698
Email: service@petersonservice.com

Service Ticket #: 57983

Work Order #: 57983

Service Date: 09/02/2020

Ticket Type: Serv T&M

Category: HVAC T&M Service

Job#: 1336

Caller: Sani Umar

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
chiller check

Unit #: CH1	Description: Chiller 1
Make: TRANE	Serial#:

Work Performed: chiller surging, found a bad output board on the purge that was preventing the purge from operating, will return to change purge.

Recommendations

Summary					
Materials					
none					
Labor					
Technician	Hours				
David Schilling	Reg Labor	2.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



Peterson Service Company

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Tel: (609) 714-3699 Fax: (609) 714-3698

Email: service@petersonservice.com

Service Ticket #:	57978
Work Order #	57978
Service Date	09/02/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1840
Caller	Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
chiller issues

Unit #: GTBOE_LF_CHR1	Description: CHILLER
Make:	Serial#:
Work Performed: picked up Oil pressure control locally and replaced, checked operation, chiller online and maintaining temp	

Recommendations

Summary					
Materials					
13049					
Labor					
Technician	Hours				
David Schilling	Reg Labor	2.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



Peterson Service Company

234 Route 70

Medford, NJ 08055

Tel: (609) 714-3699 Fax: (609) 714-3698

Email: service@petersonservice.com

Service Ticket #: 57956

Work Order #: 57956

Service Date: 09/02/2020

Ticket Type: Serv T&M

Category: HVAC T&M Service

Job#: 2004

Caller: Sani Umar

Location	Customer
JAMESWLILLEY James W Lilley, Jr Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Unit Ventilator in Classroom #304 Capillary tube ruptured and blew out the charge, need to replace capillary tube.

Unit #: Description:
Make: Serial#:

Work Performed:

Cap tube on fan cycling control broke off, releasing refrigerant charge. Obtained new control and liquid line drier at supply house. Installed drier and fan cycling control. Replaced T fitting and shraeder valve cores. Pressurized with nitrogen and leak checked. OK. Pulled vacuum on system, broke with nitrogen, and pulled again. Held at 490 microns. Charged with 8 lbs R22.

Recorded pressures of 225 high 73 Low. Return air 78. Supply air 58. Compressor Rated 7.4 A actual 5.7A.

* I was hit by voltage when putting the panel back on. Traced and found transformer wires were rolled up and not capped. I capped all 3 unused wires.

New Refrigerant Added: 8lbs

Leak Test

Refrigerant Type: R22

Recommendations

Summary

Materials

13046. 8lbs R22 Nitrogen, 1 T adapter

Labor

Technician	Hours			
Shawn Salvato	Reg Labor	6.00	O/Labor	0.00
			Prem	0.00

Customer Signature

Printed Name:



Peterson Service Company

234 Route 70

Medford, NJ 08055

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Email: service@petersonservice.com

Service Ticket #: 57956

Work Order #: 57956

Service Date: 09/02/2020

Ticket Type: Serv T&M

Category: HVAC T&M Service

Job#: 2004

Caller: Sani Umar

Location	Customer
JAMESWLILLEY James W Lilley, Jr Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Unit #:	Description:
Make:	Serial#:
Torch Set Up Vacuum Set Up	

Recommendations

Summary				
Materials				
Labor				
Technician	Hours			
	Reg Labor	O/T Labor	Prem	

Customer Signature
Printed Name:



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Tel: (609) 714-3699 Fax: (609) 714-3698
Email: service@petersonservice.com

Service Ticket #:	57955
Work Order #	57955
Service Date	09/02/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1336
Caller	Sani Umar

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Unit Ventilator in Classroom #406 - Replace bad bearing with customer supplied bearing. Would like tech familiar with the site.

Unit #:	Description:
Make:	Serial#:
Work Performed: Took apart unit to gain access to the bearing. Removed bearing and installed new bearing. Put unit back together and tested. Fan set to low speed, high speed creates bad vibration. Vibration coming from motor, found lose motor bracket, tightened down, unit still has vibration but better. Bearing and motor mount on brackets that are non adjustable.	

Recommendations

Summary						
Materials						
Labor						
Technician	Hours					
James Jones III	Reg Labor	4.00	O/T Labor	0.00	Prem	0.00
Customer Signature						
Printed Name:						



Peterson
Service Company

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Service Ticket #:	57907
Work Order #	57757
Service Date	09/04/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	2003
Caller	Sani Umar

Location	Customer
BLACKWOO Blackwood Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
CHECK EXHAUST FANS THOUGHOUT THE SCHOOL POC: SANI 609-685-9539 make sure working properly

Unit #:	Description:
Make:	Serial#:
Work Performed: I arrived onsite checked in. I went to roof top and installed new belts on units. I found one unit with safety issue.	

Recommendations

Summary

Materials

13019 UNITED belts

Labor

Technician	Hours				
	Reg Labor	O/T Labor	Prem		
Joshua Houser	3.00	0.00	0.00		

Customer Signature

Printed Name:



Peterson Service Company

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Tel: (609) 714-3699 Fax: (609) 714-3698
Email: service@petersonservice.com

Service Ticket #:	57832
Work Order #	57790
Service Date	09/02/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1578
Caller	Sani Umar

Location	Customer
GLENLAND Glen Landing Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Follow up on Ticket #57790 8/30- NEED TO RETURN TO REPLACE THE SENSOR ON CHILLER 2

Unit #:	Description:
Make:	Serial#:
Work Performed: picked up new temp sensor locally, replaced, programmed and tested, ok	

Recommendations

Summary					
Materials					
temp sensor					
Labor					
Technician	Hours				
David Schilling	Reg Labor	2.00	O/T Labor	0.00	Prem 0.00
Customer Signature					
Printed Name:					



Peterson Service Company

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Tel: (609) 714-3699 Fax: (609) 714-3698
Email: service@petersonservice.com

Service Ticket #: 57790

Work Order #: 57790

Service Date: 08/28/2020

Ticket Type: Serv T&M

Category: HVAC T&M Service

Job#: 1578

Caller: Sani Umar

Location

GLENLAND
Glen Landing Middle School

Customer

Gloucester Twp. Public Schools
17 Erial Rd.
Blackwood, NJ 08012

Work Requested

chiller 2 has a bad temp sensor

Description:

Serial#:

Unit #:

Make:

Work Performed:

chiller 2 tripped out, determined chill water temp sensor was holding out chiller, need to replace, got chiller 1 online and operational, will return to replace sensor on chiller 2

Recommendations

replace sensor on chiller 2

Summary

Materials

none

Labor

Hours

Technician

Reg Labor

3.00

O/T Labor

0.00

Prem

0.00

David Schilling

Customer Signature

Printed Name:

Master HVAC/R Contractor: Renee Fiorelli



Peterson Service Company

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Medford, NJ 08055
Tel: (609) 714-3699 Fax: (609) 714-3698
Email: service@petersonservice.com

Service Ticket #:	57778
Work Order #	57699
Service Date	08/28/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1840
Caller	Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
follow-up -chiller down

Unit #:	Description:
Make:	Serial#:
Work Performed: added 1 more gallon of oil, tested operation, chiller online and operating properly	

Recommendations

Summary

Materials

12991

Labor

Hours

Technician	Reg Labor	O/T Labor	Prem	0.00
David Schilling	3.00	0.00		

Customer Signature

Printed Name:

Master HVAC/R Contractor: Renee Fiorelli



Peterson
Service Company

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Medford, NJ 08055
Tel: (609) 714-3699 Fax: (609) 714-3698
Email: service@petersonservice.com

Service Ticket #: 57757	
Work Order #	57757
Service Date	08/31/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	2003
Caller	Sani Umar

Location	Customer
BLACKWOO Blackwood Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
CHECK EXHAUST FANS THOUGHOUT THE SCHOOL POC: SANI 609-685-9539 make sure working properly

Unit #:	Description:
Make:	Serial#:
Work Performed: tested all exhaust fans	

Recommendations
#1 this motor is seized, it will need to be replaced #2 good

Summary						
Materials						
NA						
Labor						
Technician	Hours					
Nichole Derbyshire	Reg Labor	8.00	O/T Labor	0.00	Prem	0.00

Customer Signature
Printed Name:



Peterson
Service Company

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Tel: (609) 714-3699 Fax: (609) 714-3698
Email: service@petersonservice.com

Service Ticket #:	57756
Work Order #	57585
Service Date	08/28/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1177
Caller	Sani Umar

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
CHECK EXHAUST FANS THOUGHOUT THE SCHOOL POC: SANI 609-685-9539

Unit #:	Description:
Make:	Serial#:
Work Performed: Continued inspection on exhaust fans	

Recommendations

Summary						
Materials						
Tools, PPE						
Labor						
Technician	Hours					
Andrew Marrone	Reg Labor	8.00	O/T Labor	0.00	Prem	0.00

Customer Signature

Printed Name:



Peterson Service Company

234 Route 70
Medford, NJ 08055
Tel: (609) 714-3699 Fax: (609) 714-3698
Email: service@petersonservice.com

Service Ticket #:	57784
Work Order #	57784
Service Date	08/28/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	821
Caller	Sani Umar

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Repair FCU's in 400 and 600 Wing

Unit #:	Description:
Make:	Serial#:
Work Performed: Went through JCI's provided list of deficiencies. Checked dampers that were said to be almost stuck and verified stroke. 608 damper was stuck in bypass position, was able to free damper and verify damper opened/closed freely. When 24v is removed from unit, the OA damper fails closed but does not close completely. There is a 1 inch gap that outside air can infiltrate through. There is a chance that the remaining units in the school could have the same issue. Damper linkage should be loosed and adjusted to provide as close to positive close off as possible. 406 Science Lab is making a loud rattling noise. Disassembled unit and found bearing is going bad and must be replaced. Ordered bearing. Must return to install. 2 rooms have bad fan speed selector switches. Ordered replacement switches. Must return to install. Located isolation valves for 400 wing HW loop on the 401 side of the hallway to be able to isolate, drain, and install new ball valve for classroom 401 FCU. Checked Library supply fan and found VFD was tripped on phase loss. Suspect there was a power outage at some point which caused the fault. Reset VFD and verified operation.	

Recommendations

Summary						
Materials						
PO 13009						
Labor						
Technician	Hours					
David Dougherty	Reg Labor	8.00	O/T Labor	0.00	Prem	0.00
Customer Signature						
Printed Name:						



Peterson Service Company

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Service Ticket #:	57735
Work Order #	57583
Service Date	08/27/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	2004
Caller	Sani Umar

Location	Customer
JAMES W. James W Lilley, Jr Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

CHECK EXHAUST FANS THROUGHOUT THE SCHOOL
POC SANI- 609-685-9539

Unit #:	Description:
Make:	Serial#:
Work Performed: Assisted Adam with inspection of exhaust fans	

Recommendations

Summary

Materials

12998 PO FOR UNITED

Labor

Technician	Hours				
	Reg Labor	O/T Labor	Prem		
Andrew Marrone	4.00	0.00	0.00		

Customer Signature

Printed Name:



Peterson Service Company

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Email: service@petersonservice.com

Service Ticket #:	57717
Work Order #	57699
Service Date	08/27/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1840
Caller	Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
chiller down

Unit #:	Description:
Make:	Serial#:
Work Performed: replaced leaking oil pressure hoses, evacuated compressor, started up added 2 gallons of oil, 8lbs of r22, chiller online and operating, may have to return to add oil.	

Recommendations

Summary					
Materials					
12991					
Labor					
Technician	Hours				
David Schilling	Reg Labor	5.00	O/T Labor	0.00	Prem
Customer Signature					
Printed Name:					



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Service Ticket #: 57699	
Work Order #	57699
Service Date	08/26/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1840
Caller	Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
chiller down

Unit #:	Description:
Make:	Serial#:
Work Performed: chiller tripped on low oil pressure, found a rub through on the oil pressure switch line, will return to change line, add oil and refrigerant and start up	

Recommendations

Summary						
Materials						
none,						
Labor						
Technician	Hours					
David Schilling	Reg Labor	5.00	O/T Labor	0.00	Prem	0.00
Customer Signature						
Printed Name:						



Peterson
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Email: service@petersonservice.com

Service Ticket #:	57586
Work Order #	57585
Service Date	08/28/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1177
Caller	Sani Umar

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

CHECK EXHAUST FANS THOUGHOUT THE SCHOOL
POC: SANI 609-685-9539

Unit #:	Description:
Make:	Serial#:
Work Performed: worked with Andy testing all exhaust fans	

Recommendations

Summary

Materials

NA

Labor

Technician	Hours				
Nichole Derbyshire	Reg Labor	8.00	O/T Labor	0.00	Prem 0.00

Customer Signature

Printed Name:



Peterson
Service Company

234 Route 70
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Tel: (609) 714-3699 Fax: (609) 714-3698
Email: service@petersonservice.com

Service Ticket #:	57585
Work Order #	57585
Service Date	08/27/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1177
Caller	Sani Umar

Location	Customer
ERIAL EL Erial Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

CHECK EXHAUST FANS THOUGHOUT THE SCHOOL
POC: SANI 609-685-9539

Unit #:	Description:
Make:	Serial#:
Work Performed: inspection of all exhaust fans	

Recommendations

PSC1: Works.

Summary

Materials

Tools, PPE

Labor

Technician	Hours				
	Reg Labor	O/T Labor	Prem		
Andrew Marrone	4.00	0.00	0.00		

Customer Signature

Printed Name:

Master HVAC/R Contractor: Renee Fiorelli

Page 1 of 1

Master HVAC/R Contractor Lic#: 19HC00380500



Peterson
Service Company

234 Route 70
Medford, NJ 08055
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Email: service@petersonservice.com

Service Ticket #:	57381
Work Order #	57381
Service Date	08/21/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	821
Caller	Contract

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
6 FCU's in 200 wing are down

Unit #:	Description:
Make:	Serial#:
Work Performed: Lubricated seized bearings and motors to get motors to spin freely after being off for so long. Repaired condensate piping for Room 209 that was disconnected after OA damper actuator was installed.	

Recommendations

Summary					
Materials					
N/A					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	4.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



Peterson Service Company

234 Route 70

Medford, NJ 08055

Tel: (609) 714-3699 Fax: (609) 714-3698

Email: service@petersonservice.com

Service Ticket #: 57132

Work Order #: 57132

Service Date: 08/11/2020

Ticket Type: Ctl's T&M

Category: ATC T&M Service

Job#: 821

Caller: Sani Umar

Location

ANN MULL2
Ann A.Mullen Middle School

Customer

Gloucester Twp. Public Schools
17 Erial Rd.
Blackwood, NJ 08012

Work Requested

PHONE SUPPORT

Unit #:

Description:

Make:

Serial#:

Work Performed:

Troubleshoot communication issue to mechanical room N30. Determined that the device won't boot and is unresponsive. The device will need to be replaced.

Recommendations

Summary

Materials

Labor

Technician

Stephen Suboleski

Hours

Reg Labor

1.00

O/T Labor

0.00

Prem

0.00

Customer Signature

Printed Name:



Peterson Service Company

234 Route 70
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Service Ticket #:	57054
Work Order #	57054
Service Date	08/14/2020
Ticket Type	CtIs T&M
Category	ATC T&M Service
Job#	639
Caller	Sani Umar

Location	Customer
UNION VA Union Valley Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Replace controller for ERUs.

Unit #:	Description:
Make:	Serial#:
Work Performed: Began replacing controller for ERU 2. New controller will not fit in current electrical enclosure for controller and must be replaced with a bigger size. Picked up new enclosure and installed. Electrical conduit and greenfield had to be cut and modified to fit the bigger panel as well as leave access to service the blower motor. Must return to finish installing.	

Recommendations

Summary					
Materials					
PO 12870					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	8.00	O/T Labor	0.00	Prem 0.00
Customer Signature					
Printed Name:					



Peterson Service Company

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Email: service@petersonservice.com

Service Ticket #:	57035
Work Order #	57035
Service Date	08/13/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1840
Caller	Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
CHILLER DOWN

Unit #:	Description:
Make:	Serial#:
Work Performed: Bond arrival checked pumps for operation and correct flow. found no power at Daikin chiller front end traced power two external disconnect and found no power Trace further to main breaker and found breaker tripped. reset breaker and began troubleshooting for calls of loss of power. reset Chiller and monitored operation found compressor number three contactor labeled M1 tripped check the compressor and found shorted windings this compressor is bad and needs to be replaced. disabled contactor control voltage said that this compressor could not be put into service and cause breaker to trip again. system is running with only 3 compressors. troubleshooting for Trane Chiller found stuck float switch on evaporator water flow free flow switch and Chiller operation returned monitored operation and I believe Chiller is not loading and unloading properly this could be due to set points at the controls or malfunctioning equipment phone need service call to determine further operation	

Recommendations
service call to determined if Trane Chiller is loading and unloading correctly and to verify step points are set correctly

Summary					
Materials					
00					
Labor					
Technician	Hours				
Shaun Bliss	Reg Labor	4.00	O/T Labor	0.00	Prem 0.00
Customer Signature					
Printed Name:					



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Service Ticket #:	57009
Work Order #	57009
Service Date	08/13/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1578
Caller	Sani Umar

Location	Customer
GLENLAND Glen Landing Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Sani contacted Dave Schilling this morning and reported one of the chillers down, he needs someone out to evaluate.

Unit #: CHILLER1 Make: TRANE	Description: CHILLER1 Serial#: U03E00306
Work Performed: service call for Chiller not operating. Upon arrival spoke to Rob- staffer on site and he advised that he had to reset chillers in the mornings and then once the Chiller was reset it would run for the day but would trip again overnight during unoccupied setting. one of the tellers is off due to flow overdue this is an alarm for lack of evaporator water flow doing a startup sequence continuously. chiller pumps is not running and currently we only have one Chiller and pump enabled. This is a nuisance alarm. Chiller should have been disabled at the stop button on access panel. The other Chiller has recent alarms for low evaporator saturated temperature and for high evaporator approach temperatures these alarms could be generated by low charge, lack of water flow, Chiller not unloading capacity in correct sequence, 4 Chiller operating with extreme low load. Chiller is currently operating within acceptable range I suspect Chiller is he there running with such a low low during unoccupied during the night lowest saturated temperature is met and trips at this point I raised set point so that it would help chiller stay online with a little higher load from the building. it is still possible that Taylor is not unloading correctly either within the chiller control board logic or with the mechanical unloading valves if alarm continue would have to return for	

Recommendations

Summary					
Materials					
00					
Labor					
Technician	Hours				
Shaun Bliss	Reg Labor	4.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



Peterson Service Company

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Tel: (609) 714-3699 Fax: (609) 714-3698
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Service Ticket #:	57009
Work Order #	57009
Service Date	08/13/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1578
Caller	Sani Umar

Location	Customer
GLENLAND Glen Landing Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Unit #: CHILLER1 Make: TRANE	Description: CHILLER1 Serial#: U03E00306
service call to monitor chiller	

Recommendations

Summary				
Materials				
Labor				
Technician	Hours			
	Reg Labor	O/T Labor	Prem	
Customer Signature				
Printed Name:				



Peterson Service Company

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Service Ticket #: 56965	
Work Order #	56965
Service Date	08/11/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	682
Caller	Contract

Location	Customer
CHEWS EL Chews Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Troubleshoot split system above Bruce's office

Unit #:	Description:
Make:	Serial#:
Work Performed: -Troubleshoot Split system above Bruce's office. Found 24v call for cooling. Went through safety circuit and found a wire was disconnected underneath the compressor terminal cover. Reconnected wire and started up unit. Ran system and verified operation. It will take some time for the space temp to pull down as it is 84 degrees in space.	

Recommendations

Summary					
Materials					
N/A					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	3.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



Peterson Service Company

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Service Ticket #:	56964
Work Order #	56964
Service Date	08/11/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	821
Caller	Contract

Location	Customer
ANN MULL2 Ann A. Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Meet with JCI to go over Network integration

Unit #:	Description:
Make:	Serial#:
Work Performed: -Met with JCI to go over Delta router/network changeover -Chiller and Boiler system are showing offline. Upon troubleshooting, found the N30 for the mechanical system is bad and must be replaced/upgraded. The most cost effective solution would be for JCI to integrate it once they take the BAS over versus installing a WEB8000 JACE	

Recommendations

Summary						
Materials						
N/A						
Labor						
Technician		Hours				
David Dougherty		Reg Labor	5.00	O/T Labor	0.00	Prem 0.00
Customer Signature						
Printed Name:						



Peterson Service Company

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Tel: (609) 714-3699 Fax: (609) 714-3698
Email: service@petersonservice.com

Service Ticket #:	56861
Work Order #	56861
Service Date	08/11/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1336
Caller	Sani Umar

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
CHILLER IS TRIPPING ON EXCESSIVE SURGE.

Unit #:	Description:
Make:	Serial#:
Work Performed: upon arrival found Chiller operating. condenser water was entering had a hundred and leaving at a hundred and ten degrees. Chilled water pumps were operating as well as condenser water pumps. Cooling tower fan was not operating. found tower fan off at AOH switch on drive. returned switch to auto and checked operation monitor Chiller operation and temperatures and pressures started to drop customer reported connector water pumps not operating and Auto shut down Chiller switch pumps into Auto and energized Chiller customer was correct in pumps were not working in auto. Shut down Chiller again return pumps to hand re-energize chiller. Dave docherty from ATC Department confirmed that condenser water pumps are not getting a signal to enable pump operation from building automation service. must leave condenser water pump in hand an order for chiller to remain operational. monitor Chiller operation Chiller is operating well show border leaving at 45 degrees entering at 51° condenser water entering at 80° leaving at 88 degrees	

Recommendations

Summary						
Materials						
00						
Labor						
Technician	Hours					
Shaun Bliss	Reg Labor	4.00	O/T Labor	0.00	Prem	0.00
Customer Signature						
Printed Name:						



Peterson Service Company

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Service Ticket #:	56389
Work Order #	56389
Service Date	07/31/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	738
Caller	Sani Umar

Location	Customer
CHARLES Charles W. Lewis Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Nurse's Office baseboard is leaking.

Unit #:	Description:
Make:	Serial#:
Work Performed: -Nurses office is leaking water from baseboard piping. Isolated and drained water. Cut out bad section. Installed isolation valve, union, and drain valve to allow for future service. Filled system and tested -Pump 1A LoveJoy coupling is bad. Picked up coupling insert and replaced. Tested and verified operation.	

Recommendations

Summary					
Materials					
PO 12755					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	6.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Service Ticket #:	56385
Work Order #	56385
Service Date	07/30/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	821
Caller	Contract

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
BAS network is down

Unit #:	Description:
Make:	Serial#:
Work Performed: BAS network is down. JACE is not operating properly. Restarted JACE two times before station started up. Once started, the BacNet network was continuously going on and offline. Controllers would go offline one by one until they were all off and then one by one come back online. Checked Delta router in Library storage room. Rebooted router. Once rebooted, controllers on the network appeared to remain online without any issues. While troubleshooting network, found Chiller was down. Chiller is tripping out on surge. Reset Chiller and verified chilled water temp began to come down. Dave Schilling will be coming out to troubleshoot Chiller. Began going through classrooms to verify OA damper operation. It appears that majority of the FCU's have had their pneumatic damper actuator replaced with electronic as part of the JCI upgrade. JCI should have commissioned this dampers already and should be reflected on their commissioning report.	

Recommendations

Summary					
Materials					
N/A					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	5.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Service Ticket #:	56366
Work Order #	56366
Service Date	07/31/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1336
Caller	Sani Umar

Location	Customer
ANN MULL2 Ann A.Mullen Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
chiller keeps tripping on compressor surge

Unit #:	Description:
Make:	Serial#:
Work Performed: purge was tripped on excessive purge, reset chiller and ran purge, it appears there was air in the machine, purge is operating and removing air, chiller is back online operating properly.	

Recommendations

Summary					
Materials					
none					
Labor					
Technician	Hours				
David Schilling	Reg Labor	6.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Service Ticket #:	56356
Work Order #	56356
Service Date	07/30/2020
Ticket Type	CtIs T&M
Category	ATC T&M Service
Job#	639
Caller	Sani Umar

Location	Customer
UNION VA Union Valley Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
HW controller is offline

Unit #:	Description:
Make:	Serial#:
Work Performed: HW controller is offline. Found DX9100 screen is blank and not lit. Tested for 24v. 24v is good. Removed controller and checked fuse on backplate. Fuse is good. Controller is bad and must be replaced with PCG controller with expansion module. Will order controller and return to install after Steve makes a new program.	

Recommendations

Summary					
Materials					
PO 12743					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	3.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Service Ticket #: 56323

Work Order # 56323

Service Date 07/31/2020

Ticket Type Ctl's T&M

Category ATC T&M Service

Job# 738

Caller Sani Umar

Location

CHARLES
Charles W. Lewis Middle School

Customer

Gloucester Twp. Public Schools
17 Erial Rd.
Blackwood, NJ 08012

Work Requested

Repair Boiler #1.

Unit #:

Description:

Make:

Serial#:

Work Performed:

Replaced programmer for Boiler #1. Started up and verified operation. Combustion must be done on Boiler for NOX reading

Recommendations

Summary

Materials

PO 12737

Labor

Technician

Hours

David Dougherty

Reg Labor

2.00

O/T Labor

0.00

Prem

0.00

Customer Signature

Printed Name:



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Tel: (609) 714-3699 Fax: (609) 714-3698
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Service Ticket #: 56300	
Work Order #	55627
Service Date	08/11/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1840
Caller	Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Follow up on Ticket #55627 Replace 3-way valve for classroom FCU NEED TO RETURN TO INSULATE EXPOSED PIPING.

Unit #:	Description:
Make:	Serial#:
Work Performed: insulated lines on 3-way valve and valve, turn water on check for leaks turned unit on unit working fine	

Recommendations

Summary					
Materials					
12828					
Labor					
Technician	Hours				
Robert Hewlett	Reg Labor	5.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Service Ticket #: 56210	
Work Order #	56210
Service Date	08/10/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1141
Caller	Sani Umar

Location	Customer
CHARLES Charles W. Lewis Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
LIBRARY RTU CLEAN CONDENSER COIL

Unit #:	Description:
Make:	Serial#:
Work Performed: Picked up supplies. Shut unit down and took apart to gain access to the coil. Unit has 3 rows of coils split as much as possible. Cleaned coil 3 times, coil was impacted internally. Put unit back together and put back into service.	

Recommendations

Summary					
Materials					
12815					
Labor					
Technician	Hours				
James Jones III	Reg Labor	5.00	O/T Labor	0.00	Prem 0.00
Customer Signature					
Printed Name:					



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Service Ticket #: 56072

Work Order #	56071
Service Date	07/24/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	738
Caller	Contract

Location	Customer
CHARLES Charles W. Lewis Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Follow up on Ticket #56071 Library RTU is not cooling space

Unit #:	Description:
Make:	Serial#:
Work Performed: -Reset lockout relay and ran both first and second stage of cooling. Ran second stage of cooling by itself. Checked pressures and temps. Pressures are a little high. Condenser coil appears to be clean from the outside. Suspect that on a hot day, the condenser coil rises to the point where the high pressure switch opens up, locking out the second stage from running. Recommend cleaning condenser coil as a precaution for the slight chance that the inside of the coil is impacted with dirt. -Inspected Fan Coil Units at Glendora for potential air conditioning installation. -Started up HW pump and Boiler #1. Boiler contacts are opening and closing constantly. Disconnected and removed boiler ignition control module and brought to Broudys so they can bench test it.	

Recommendations

Summary

Materials

N/A

Labor

Technician

Hours

David Dougherty

Reg Labor

8.00

O/T Labor

0.00

Prem

0.00

Customer Signature

Printed Name:



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Service Ticket #:	56071
Work Order #	56071
Service Date	07/23/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	738
Caller	Contract

Location	Customer
CHARLES Charles W. Lewis Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Library RTU is not cooling space

Unit #:	Description:
Make:	Serial#:
Work Performed: Library RTU is not cooling space. Staff thinks belt is broken. Inspected unit and found belt in good condition and fan running. Verified 24v call for Y2 second stage of cooling. 2nd stage lockout relay is holding out compressor from running. Must return to troubleshoot	

Recommendations

Summary					
Materials					
N/A					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	1.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Service Ticket #: 55669

Work Order #	54922
Service Date	07/13/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	821
Caller	Contract

Location ANN MULL2 Ann A.Mullen Middle School	Customer Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012
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Work Requested
Follow up on Ticket #54922 CST office has no cooling

Unit #: Make: Work Performed: Assisted Dave in Bacnet network troubleshooting. Determined that the communication is Bacnet/IP to the AHUs, and MSTP networks come off of the AHUs to the rest of the controllers.	Description: Serial#:
---	--

Recommendations

Summary

Materials

Labor

Technician

Hours

Stephen Suboleski	Reg Labor	0.50	O/T Labor	0.00	Prem	0.00
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Customer Signature

ted Name:

Master HVAC/R Contractor: Renee Fiorelli



Peterson Service Company

234 Route 70

Medford, NJ 08055

Tel: (609) 714-3699 Fax: (609) 714-3698

Email: service@petersonservice.com

Service Ticket #: 55641

Work Order #: 55641

Service Date: 07/17/2020

Ticket Type: Ctls T&M

Category: ATC T&M Service

Job#: 793

Caller: Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Troubleshoot E-Wing classrooms for no cooling.

Unit #:	Description:
Make:	Serial#:
Work Performed: Began going through E-Wing to troubleshoot classroom FCU's that are not operating. -Mechanical cooling in four of the classrooms are not running and need to be troubleshot. -FCU in E11 is leaking water from ceiling. Evaporator coil is frozen solid. When unit is shut down, fan does not restart. Found blower motor start capacitor is bad and needs to be replaced. Both return filters in ceiling grills are clogged solid. Suspect this is the cause of the evaporator freezing up and not a refrigerant issue. Picked up new filters and capacitor. Installed and verified operation. Coil will take time to thaw. Once coil is thawed, override can be released to allow for mechanical cooling. -All of the FCU's are going into "Shutdown" mode after power is turned off and on to the units. Shutdown is the default in the controller. Each time a unit is turned off for service/maintenance, the shutdown/enable point must be set to enable for it to run, regardless of its occupancy. There are several units that are not running in cooling because the program says it has two stages of cooling and is only enabling the first stage of cooling and not the second stage even though space temp is 10 degrees above setpoint. JCI must look into	

Recommendations

Summary

Materials

PO 12614

Labor

Technician

David Dougherty

Hours

Reg Labor

8.00

O/T Labor

0.00

Prem

0.00

Customer Signature

Printed Name:



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Service Ticket #:	55641
Work Order #	55641
Service Date	07/17/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	793
Caller	Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Unit #:	Description:
Make:	Serial#:
these issues	

Recommendations

Summary				
Materials				
Labor				
Technician	Hours			
	Reg Labor	O/T Labor	Prem	

Customer Signature
Printed Name:



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Service Ticket #: 55627

Work Order # 55627

Service Date 07/28/2020

Ticket Type Serv T&M

Category HVAC T&M Service

Job# 1840

Caller Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Replace 3-way valve for classroom FCU

Unit #:	Description:
Make:	Serial#:
Work Performed: valved off and drained FCU in room B3. cut out old valve. retrieved fittings for install. replaced unions and sweated in new valve. applied water and checked for leaks. none present. cleaned up site. Left valves off and unit switched off. Will need to return to insulate exposed piping.	

Recommendations

Summary

Materials

pipe fittings

Labor

Technician

David Birkey

Hours

Reg Labor

8.00

O/T Labor

0.00

Prem

0.00

Customer Signature

Printed Name:



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Service Ticket #:	55626
Work Order #	55516
Service Date	07/16/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	804
Caller	Sani Umar

Location	Customer
GLENDORA Glendora Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Follow up on Ticket #55517 Follow up on Ticket #55516 Cafe RTU Circuit #1 is not operating

Unit #:	Description:
Make:	Serial#:
Work Performed: System was down to 148 microns upon arrival. Valved off pump and left system in a vacuum while monitoring micron level to verify level did not rise. Charged system with factory charge of 24.5lbs of recovered refrigerant. Started up system and verified operation.	

Recommendations

Summary					
Materials					
PO 12589					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	4.00	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Service Ticket #: 55625

Work Order #: 55624

Service Date: 07/14/2020

Ticket Type: Ctl's T&M

Category: ATC T&M Service

Job#: 639

Caller: Contract

Location	Customer
UNION VA Union Valley Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Follow up on Ticket #55624 Replace HW and CW valve actuators for Gym AHU

Unit #:	Description:
Make:	Serial#:
Work Performed: Replaced CW valve actuator and verified operation.	

Recommendations

Summary					
Materials					
Customer Stock					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	2.00	O/T Labor	0.00	Prem 0.00

Customer Signature

Printed Name:



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Service Ticket #: 55624

Work Order #: 55624

Service Date: 07/13/2020

Ticket Type: Ctls T&M

Category: ATC T&M Service

Job#: 639

Caller: Contract

Location	Customer
UNION VA Union Valley Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Replace HW and CW valve actuators for Gym AHU

Unit #:	Description:
Make:	Serial#:
Work Performed: -Picked up actuators and replaced HW valve actuator. Must return to replace CW valve actuator. -Attended meeting with JCI at CW Lewis regarding piping changes -Investigated CAT5 issues with N30's	

Recommendations

Summary					
Materials					
Customer Stock					
Labor					
Technician	Hours				
David Dougherty	Reg Labor	6.50	O/T Labor	0.00	Prem 0.00

Customer Signature
Printed Name:



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Service Ticket #:	55523
Work Order #	55156
Service Date	07/15/2020
Ticket Type	Serv T&M
Category	HVAC T&M Service
Job#	1840
Caller	Sani Umar

Location	Customer
LORING-F Loring-Flemming School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
replace suction transducer and wire harness.

Unit #:	Description:
Make:	Serial#:
Work Performed: Replaced suction trasndusers and wiring on both circuits on chiller 2, started up and tested, Circuit 2 was low on refrigerant, got approval from sani to charge circuit and leak check after the summer, added 15lbs of r410a, chiller is online and operating properly.	

Recommendations

Summary					
Materials					
12572					
Labor					
Technician	Hours				
David Schilling	Reg Labor	6.00	O/T Labor	0.00	Prem 0.00

Customer Signature

Printed Name:



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Service Ticket #: 55517

Work Order # 55516

Service Date 07/15/2020

Ticket Type Ctl's T&M

Category ATC T&M Service

Job# 804

Caller Sani Umar

Location	Customer
GLENDORA Glendora Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested

Follow up on Ticket #55516 Cafe RTU Circuit #1 is not operating

Unit #:	Description:
Make:	Serial#:
Work Performed: Replaced liquid line filter drier. Pressure tested system and tested for leaks. No leaks present. Began evacuating system and changing vacuum pump oil as needed due to the high moisture level in the system. Changed oil 5 times until all of the moisture was removed. Left on vacuum pump overnight and will check in the morning.	

Recommendations

Summary						
Materials						
PO 12568						
Labor						
Technician	Hours					
David Dougherty	Reg Labor	8.00	O/T Labor	0.00	Prem	0.00
Customer Signature						
Printed Name:						



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Service Ticket #: 55516	
Work Order #	55516
Service Date	07/14/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	804
Caller	Sani Umar

Location	Customer
GLENDORA Glendora Elementary School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
Cafe RTU Circuit #1 is not operating

Unit #:	Description:
Make:	Serial#:
Work Performed: Circuit #1 is shutting down almost immediately after starting. Found high pressure switch opening. Head pressure is going up to 400psig within seconds. Compressor was changed out some time ago without being completed so system was open to atmosphere. Liquid line filter drier was never changed. System was not charged to manufactures specs. Began recovering refrigerant from system to verify charge. Factory charge is 24lbs. I recovered over 38lbs. System was grossly overcharged. Filter drier should be changed out, pressure test system, evacuate system, and charged with 24lbs or R22. Must return to continue troubleshooting	

Recommendations

Summary						
Materials						
Customer Stock						
Labor						
Technician	Hours					
David Dougherty	Reg Labor	6.00	O/T Labor	0.00	Prem	0.00

Customer Signature
Printed Name:



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Service Ticket #:	55359
Work Order #	55359
Service Date	07/10/2020
Ticket Type	Ctl's T&M
Category	ATC T&M Service
Job#	750
Caller	Contract

Location	Customer
GLENLAND Glen Landing Middle School	Gloucester Twp. Public Schools 17 Erial Rd. Blackwood, NJ 08012

Work Requested
N30-3 is offline

Unit #:	Description:
Make:	Serial#:
Work Performed: N30-3 is offline. Found N30 flashing error codes for RAM failure. N30 is bad and must be replaced. Until the new JCI NAE is running, took abandoned N30 from CW Lewis and restored to Glen Landing N30-3 backup. Installed and verified operation of network. Reset Chillers that were in alarm to get cooling to 600 Wing.	

Recommendations

Summary						
Materials						
N/A						
Labor						
Technician	Hours					
David Dougherty	Reg Labor	5.00	O/T Labor	0.00	Prem	0.00

Customer Signature
Printed Name:



Peterson Service Company

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Email: service@petersonservice.com

Service Ticket #: 55351

Work Order #: 55359

Service Date: 07/10/2020

Ticket Type: Ctl's T&M

Category: ATC T&M Service

Job#: 750

Caller: Sani Umar

Location

GLENLAND
Glen Landing Middle School

Customer

Gloucester Twp. Public Schools
17 Erial Rd.
Blackwood, NJ 08012

Work Requested

N30-3 not communicating. Investigate/resolve.

Unit #:

Description:

Make:

Serial#:

Work Performed:

Determined that N30-3 had a RAM failure and is not recoverable. Dave D. pulled N30 from Lewis and installed in N30-3's place. Downloaded N30-3's database into Lewis N30 and confirmed that communication was restored.

Recommendations

Summary

Materials

Labor

Technician

Hours

Stephen Suboleski

Reg Labor

2.00

O/T Labor

0.00

Prem

0.00

Customer Signature

Printed Name: