

HVAC Assessments - DISTRICT 1

Audubon Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: Audubon Elementary School

Building Letter/Number: Bldg. A

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
Yes	DX Package, Split System
	Heat Type:
	Hot Water
Yes	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
Fair	General System Condition Campus Wide
19	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
Fair	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 1

Audubon Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance 15 yrs.

SEER/EER Rating 10

Manufacturer Season-4

General Comments:

Unit's in operable condition. Have replaced compressors and refrigerant leaks on multiple units. Drain lines are original, the have cracked, broken over time and do not run to roof drains.

System Description/Summary

(4) Season-4 DX multi-zone package units

Status and Function of Controls

HVAC Assessments - DISTRICT 1

Audubon Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: Audubon Elementary School

Building Letter/Number: Bldg. B

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
Yes	DX Package, Split System
	Heat Type:
	Hot Water
Yes	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
Fair	General System Condition Campus Wide
18	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
Fair	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 1

Audubon Elementary School

Refrigerant Type: R22

Energy STAR Rating: _____

ASHRAE Life Expectance 15 yrs.

SEER/EER Rating 10

Manufacturer York

General Comments:

Unit's in operable condition.

System Description/Summary

(3) DX package unit with electric heat

Status and Function of Controls

HVAC Assessments - DISTRICT 1

Audubon Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: Audubon Elementary School

Building Letter/Number: Bldg. C

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
Yes	DX Package, Split System
	Heat Type:
	Hot Water
Yes	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
Good	General System Condition Campus Wide
11	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
Good	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 1

Audubon Elementary School

Refrigerant Type: R410

Energy STAR Rating: _____

ASHRAE Life Expectance 15 yrs.

SEER/EER Rating 11

Manufacturer Trane

General Comments:

Unit's in operable condition.

System Description/Summary

(1) 25-ton package unit with electric re-heat vav's.

Status and Function of Controls

HVAC Assessments - DISTRICT 1

Broadmoor Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: BROADMOOR ELEM

Building Letter/Number: BLDG. A

Yes/No	System Type:
YES	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
YES	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
	Natural Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
YES	Mini Split
	Chilled Water Piping:
	2-pipe
YES	4-pipe

Good, Fair, Poor	System Condition:
GOOD	General System Condition Campus Wide
4	Age of Unit:
	Chilled Water Piping
GOOD	Piping Issues
	Condenser Water Piping
GOOD	Piping Issues
	Hot Water Piping
GOOD	Piping Issues
GOOD	Piping Insulation
GOOD	Ductwork Condition
GOOD	Boiler Condition

HVAC Assessments - DISTRICT 1

Broadmoor Elementary School

Refrigerant Type: R134

Energy STAR Rating:

ASHRAE Life Expectance: 20 YRS.

SEER/EER Rating: 11

Manufacturer: YORK CHILLERS, CARRIER AHU'S, DAIKIN MS, FULTON BOILERS

General Comments:

ALL UNIT'S IN OPERABLE CONDITION. THIS SITE HAS UV BULBS IN ALL AIR HANDLERS.

System Description/Summary

(2) AIR COOLED CHILLERS, (8) AIR HANDLERS, (8) MINI SPLITS, (2) BOILER, (2) DX SPLIT SYSTEMS

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 1

Broadmoor High School

EBRPSS HVAC Equipment System Assessment

School Name: BROADMOOR HIGH
Building Letter/Number: BLDG. A,B,E,H

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
YES	FAN COIL
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
YES	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
POOR	General System Condition Campus Wide
25+	Age of Unit:
	Chilled Water Piping
YES	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
YES	Piping Insulation
YES	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 1

Broadmoor High School

Refrigerant Type: N/A

Energy STAR Rating:

ASHRAE Life Expectance: 20

SEER/EER Rating: N/A

Manufacturer MCQUAY

General Comments:

UNITS IN POOR CONDITION, PARTS NOT AVAILABLE, PIPING & INSULATION IN POOR CONDITION

System Description/Summary

(70) 2 PIPE FAN COIL UNITS

Status and Function of Controls

HVAC Assessments - DISTRICT 1

Broadmoor High School

EBRPSS HVAC Equipment System Assessment

School Name: BROADMOOR HIGH

Building Letter/Number: BLDG. C

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	Electric
	FAN COIL
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
GOOD	General System Condition Campus Wide
6 YEARS	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
YES	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 1

Broadmoor High School

Refrigerant Type: R410

Energy STAR Rating:

ASHRAE Life Expectance: 18

SEER/EER Rating: 17.4

Manufacturer CARRIER PACKAGE UNITS

General Comments:

UNITS IN GOOD CONDITION, HOWEVER ALL CONDENSER COILS WERE REPLACED UNDER WARRANTY DUE TO REFRIGERANT LEAKS.

System Description/Summary

(1) SPLIT, (5) PACKAGE UNITS

Status and Function of Controls

HVAC Assessments - DISTRICT 1

Broadmoor High School

EBRPSS HVAC Equipment System Assessment

School Name: BROADMOOR HIGH
Building Letter/Number: BLDG. D, I

Yes/No	System Type:
	Air-Cooled Chillers
YES	Water Cooled Chillers
	Heat Type:
YES	Hot Water
	Electric
	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
	FAN COIL
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
YES	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
POOR	General System Condition Campus Wide
30+	Age of Unit:
	Chilled Water Piping
YES	Piping Issues
	Condenser Water Piping
FAIR	Piping Issues
	Hot Water Piping
	Piping Issues
YES	Piping Insulation
	Ductwork Condition
FAIR	Boiler Condition

HVAC Assessments - DISTRICT 1

Broadmoor High School

Refrigerant Type: R11

Energy STAR Rating:

ASHRAE Life Expectance: 20

SEER/EER Rating: N/A

Manufacturer YORK CHILLER, RITE BOILER, BAC COOLING TOWER

General Comments:

UNITS IN FAIR CONDITION, PARTS NOT AVAILABLE, PIPING & INSULATION IN POOR CONDITION, UNITS HAVE OVERLY EXCEEDED LIFE EXPECTANCY. HAD TO WELD TAPS IN PIPING FOR RENTAL CHILLER BC OF AN OIL PUMP FAILURE AND REFRIGERANT LEAK. R11 REFRIGERANT HASN'T BEEN PRODUCED IN 15+ YEARS.

System Description/Summary

(1) CHILLER, (2) BOILERS, (1) COOLING TOWER

Status and Function of Controls

HVAC Assessments - DISTRICT 1

Broadmoor High School

EBRPSS HVAC Equipment System Assessment

School Name: BROADMOOR HIGH

Building Letter/Number: BLDG. E

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	Electric
	FAN COIL
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
GOOD	General System Condition Campus Wide
2	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
FAIR	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 1

Broadmoor High School

Refrigerant Type: R410A

Energy STAR Rating:

ASHRAE Life Expectance: 18

SEER/EER Rating: N/A

Manufacturer TRANE PACKAGE UNITS

General Comments:

UNITS IN GOOD CONDITION, CMC REPLACED THESE UNITS FOR CAFETERIA.

System Description/Summary

(3) PACKAGE UNITS

Status and Function of Controls

HVAC Assessments - DISTRICT 1

Broadmoor High School

EBRPSS HVAC Equipment System Assessment

School Name: BROADMOOR HIGH
Building Letter/Number: BLDG. F,G,N

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	GAS
	FAN COIL
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
POOR	General System Condition Campus Wide
20+	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
YES	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 1

Broadmoor High School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: 18

SEER/EER Rating: N/A

Manufacturer MIXED MANUF. PACKAGE UNITS

General Comments:

UNITS IN GOOD CONDITION, HOWEVER ALL CONDENSER COILS WERE REPLACED UNDER WARRANTY DUE TO REFRIGERANT LEAKS.

System Description/Summary

(5) PACKAGE UNITS

Status and Function of Controls

HVAC Assessments - DISTRICT 1

River Oaks Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: RIVEROAKS ELEM

Building Letter/Number: BLDG. A

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
YES	Natural Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
FAIR	General System Condition Campus Wide
20	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
FAIR	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 1

River Oaks Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance 15 YRS.

SEER/EER Rating 9

Manufacturer SEASON-4,

General Comments:

UNIT'S IN OPERABLE CONDITION.

System Description/Summary

(4) SEASON-4 DX MULTI-ZONE ROOFTOP DX PACKAGE UNITS

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 1

River Oaks Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: RIVEROAKS ELEM

Building Letter/Number: BLDG. B

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
YES	Natural Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
FAIR	General System Condition Campus Wide
20	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
FAIR	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 1

River Oaks Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: 15 YRS.

SEER/EER Rating: 10

Manufacturer: ARMSTRONG

General Comments:

UNIT'S IN OPERABLE CONDITION. HAVE REPLACED COMPRESSOR, REPAIRED REFRIGERANT LEAKS.

System Description/Summary

(4) ARMSTRONG ROOFTOP DX PACKAGE UNITS

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 1

River Oaks Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: RIVEROAKS ELEM

Building Letter/Number: BLDG.D

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	Electric
	Natural Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
GOOD	General System Condition Campus Wide
10	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
FAIR	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 1

River Oaks Elementary School

Refrigerant Type: R410

Energy STAR Rating:

ASHRAE Life Expectance: 15 YRS.

SEER/EER Rating: 10

Manufacturer: YORK

General Comments:

UNIT'S IN OPERABLE CONDITION.

System Description/Summary

(1) JCI ROOFTOP DX PACKAGE UNIT WITH ELECTRIC REHEAT VAV'S.

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 1

Sherwood Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

SHERWOOD MS

Building Letter/Number:

A

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		1995
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 1

Sherwood Middle School

	Hot Water Piping	N/A
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

MAIN BUILDING

System Description/Summary:

WATER COOLED TRANE SCREW CHILLERS
CHILL WATER MULTIZONE AHUS WITH ELECTRIC HEAT
OFFICE AREA HAS ROOFTOP PACKAGE UNITS WITH ELECTRIC HEAT FOR BACKUP

Status and Function of Controls:

HVAC Assessments - DISTRICT 1

Sherwood Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

SHERWOOD MS

Building Letter/Number:

B

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		YES
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		1994
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 1

Sherwood Middle School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

ANNEX BUILDING

System Description/Summary:

ROOFTOP SINGLE ZONE DX PACKAGE UNIT WITH ELECTRIC HEAT
DX SPLIT SYSTEM AND SUSPENDED HEATERS FOR SHOP AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 1

Southeast Middle School

EBRPSS HVAC Equipment System Assessment

School Name: SOUTHEAST MIDDLE

Building Letter/Number: BLDG. A

Yes/No	System Type:
	Air-Cooled Chillers
YES	Water Cooled Chillers
	Heat Type:
YES	Hot Water
	Electric
YES (1-10TON)	DX Package, Split System
	Heat Type:
	Hot Water
YES	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
YES	4-pipe

Good, Fair, Poor	System Condition:
POOR	General System Condition Campus Wide
20	Age of Unit:
	Chilled Water Piping
POOR	Piping Issues
	Condenser Water Piping
FAIR	Piping Issues
	Hot Water Piping
POOR	Piping Issues
POOR	Piping Insulation
POOR	Ductwork Condition
FAIR	Boiler Condition

HVAC Assessments - DISTRICT 1

Southeast Middle School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance 20

SEER/EER Rating 7-9

Manufacturer TRANE CHILLER & SPLIT SYSTEM, THERMO PAK BOILER,
MCQUAY AHU'S

General Comments:

UNITS IN OPERABLE CONDITION. HAVE HAD R22 LEAKS ON BOTH CHILLERS FROM POWER STUDS ON COMPRESSORS AND LOST 200#'S OF R22. AIR HANDLERS AND BOILERS ARE OPERABLE, COOLING TOWER HAS HAD MAJOR WORK DONE THE PAST 5 YEARS.

System Description/Summary

(2) CHILLER, (1) BOILER, (8) AHU'S, (1) COOLING TOWER, (1) 10-TON SPLIT

Status and Function of Controls

HVAC Assessments - DISTRICT 1

Southeast Middle School

EBRPSS HVAC Equipment System Assessment

School Name: SOUTHEAST MIDDLE

Building Letter/Number: BLDG. B

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
	General System Condition Campus Wide
10	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
GOOD	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 1

Southeast Middle School

Refrigerant Type: R410A

Energy STAR Rating:

ASHRAE Life Expectance: 20

SEER/EER Rating: 10

Manufacturer YORK

General Comments:

UNITS IN GOOD CONDITION

System Description/Summary

(1) ROOFTOP UNIT W/ VAV'S

Status and Function of Controls

HVAC Assessments - DISTRICT 1

Twin Oaks Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: TWIN OAKS ELEM

Building Letter/Number: A

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package , Split System
	Heat Type:
	Hot Water
	Electric
YES	Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	FAN Coil
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
POOR	General System Condition Campus Wide
19	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
POOR	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 1

Twin Oaks Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: 15

SEER/EER Rating: 9

Manufacturer: CARRIER

General Comments:

ALL UNITS ORIGINAL TO BUILDING AND ALL IN OPERABLE CONDITION. PARTS FOR THE CARRIER MULTIZONES ARE DISCONTINUED, MULTIPLE COMRESSORS HAVE BEEN REPLACED AND REFRIGERANT LEAKS REPAIRED. WE HAVE HAD TO REBUILD PANS FOR UNITS DUE TO DESIGN ISSUES WITH CONDENSATE PANS / PIPING.

System Description/Summary

(5) CARRIER MULTIZONE PACKAGE UNIT, (3) CARRIER PACKAGE UNIT

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 1

Twin Oaks Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: TWIN OAKS

Building Letter/Number: BLDG. C

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
YES	Natural Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
FAIR	General System Condition Campus Wide
10	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
GOOD	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 1

Twin Oaks Elementary School

Refrigerant Type: R410

Energy STAR Rating:

ASHRAE Life Expectance: 15 YRS.

SEER/EER Rating: 10

Manufacturer: CARRIER

General Comments:

UNIT'S IN OPERABLE CONDITION. CONDENSER ARE DAMAGED, NEW ONES HAVE BEEN ORDERED BUT ARE ON BACK ORDER.

System Description/Summary

(1) CARRIER ROOFTOP DX PACKAGE UNITS WITH REHEAT VAV'S. (1) LG MINI SPLITS

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 1

Wedgewood Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

WEDGEWOOD

Building Letter/Number:

A

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		1999
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 1

Wedgewood Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22 & R-407C

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

CARRIER

General Comments:

MAIN BUILDING

System Description/Summary:

ROOFTOP CARRIER MULTIZONE DX PACKAGE UNITS WITH GAS HEAT FOR CLASSROOMS
ROOFTOP SINGLE ZONE DX WITH GAS HEAT FOR LIBRARY AND OFFICE AREAS

Status and Function of Controls:

HVAC Assessments - DISTRICT 1

Wedgewood Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

WEDGEWOOD

Building Letter/Number:

B

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2010
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 1

Wedgewood Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	GOOD
	Boiler Condition	N/A

Refrigerant Type: R-410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

TRANE & JOHNSON CONTROLS

General Comments:

System Description/Summary:

ROOFTOP DX PACKAGE UNITS FOR VAV SYSTEMS
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 1

Wedgewood Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: **WEDGEWOOD**
 Building Letter/Number: **C**

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2002
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 1

Wedgewood Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	GOOD
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: AAON

General Comments:

System Description/Summary:

ROOFTOP DX PACKAGE UNITS FOR VAV SYSTEMS
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 1

Wedgewood Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: **WEDGEWOOD**
 Building Letter/Number: **F --- NO HVAC**

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		
	Heat Type:		
	Hot Water		
	Electric		
	DX Package, Split System		
	Heat Type:		
	Hot Water		
	Electric		
	RTU Unit		
	Heat Type:		
	Hot Water		
	Electric		
	VRF Multizone Package Unit		
	Heat Type:		
	Hot Water		
	Electric		
	Chilled Water Piping:		
	2-pipe		
	4-pipe		
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		
	Age of Unit:		
	Chilled Water Piping		
	Piping Issues		
	Condenser Water Piping		

HVAC Assessments - DISTRICT 1

Wedgewood Elementary School

	Piping Issues	
	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

--

System Description/Summary:

--

Status and Function of Controls:

--

HVAC Assessments - DISTRICT 2

Brownfields Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Brownfields Elem
Building Letter/Number A,B,C,D,E,F

Yes/No	System Type	
YES	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
YES	DX Package, Split System	
	Heat Type:	
YES		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
YES		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair	Age of Unit:	
fair	Chilled Water Piping	
fair	Piping Issues	
fair	Condenser Water Piping	
fair	Piping Issues	
fair	Hot Water Piping	
fair	Piping Issues	
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

HVAC Assessments - DISTRICT 2

Brownfields Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance Beyond

SEER/EER Rating

Manufacturer

General Comments

fair

System Description/Summary

fair

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 2

Brownfields Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Brownfields Elem
Building Letter/Number G

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair	Age of Unit:	
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
fair	Ductwork Condition	
	Boiler Condition	

HVAC Assessments - DISTRICT 2

Brownfields Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance Beyond

SEER/EER Rating

Manufacturer

General Comments

fair

System Description/Summary

fair

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 2

Claiborne Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Claiborne Elem.
Building Letter/Number A, B

Yes/No	System Type	
	Air-Cooled Chillers	
YES	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
YES	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
YES		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair	Age of Unit:	
fair	Chilled Water Piping	
fair	Piping Issues	
fair	Condenser Water Piping	
fair	Piping Issues	
fair	Hot Water Piping	
fair	Piping Issues	
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

HVAC Assessments - DISTRICT 2

Claiborne Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance Beyond

SEER/EER Rating

Manufacturer

General Comments

fair

System Description/Summary

fair

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 2

Forest Heights Academy

EBRPSS HVAC Equipment System Assessment

School Name: FOREST HEIGHTS

Building Letter/Number: A

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 2

Forest Heights Academy

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	NO

Refrigerant Type: R-22, R407C

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

SEASON 4

General Comments:

UNITS ARE IN FAIR TO GOOD CONDITION

System Description/Summary:

ROOFTOP UNITS WITH DX COOLING AND GAS HEAT.
HOT AND COLD DECK WITH ZONE MIXING DAMPERS IN EACH RTU.

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Forest Heights Academy

EBRPSS HVAC Equipment System Assessment

School Name:

FOREST HEIGHTS

Building Letter/Number:

B

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 2

Forest Heights Academy

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: YORK

General Comments:

THREE CLASSROOMS WITH ONE RTU UNIT FOR EACH ROOM

System Description/Summary:

(3) ROOFTOP PACKAGE UNITS WITH D/X COOLING AND GAS HEAT
CONSTANT VOLUME SINGLE ZONE

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Forest Heights Academy

EBRPSS HVAC Equipment System Assessment

School Name:

FOREST HEIGHTS

Building Letter/Number:

C

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	RTU Unit		YES
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2004
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 2

Forest Heights Academy

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: TRANE, AAON

General Comments:

System Description/Summary:

DX SPLIT SYSTEMS WITH AHU IN ATTIC AREA AND CONDENSERS ON THE GROUND. ELECTRIC HEAT.
OUTDOOR AIR UNIT IS AN AAON PACKAGE UNIT ON THE GROUND.

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Forest Heights Academy

EBRPSS HVAC Equipment System Assessment

School Name:

FOREST HEIGHTS

Building Letter/Number:

D ---- NO HVAC

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		
	Heat Type:		
	Hot Water		
	Electric		
	DX Package, Split System		
	Heat Type:		
	Hot Water		
	Electric		
	RTU Unit		
	Heat Type:		
	Hot Water		
	Electric		
	VRF Multizone Package Unit		
	Heat Type:		
	Hot Water		
	Electric		
	Chilled Water Piping:		
	2-pipe		
	4-pipe		
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		
	Age of Unit:		
	Chilled Water Piping		
	Piping Issues		
	Condenser Water Piping		

HVAC Assessments - DISTRICT 2

Forest Heights Academy

	Piping Issues	
	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

System Description/Summary:

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks Park Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS PARK ELEMENTARY

Building Letter/Number: A

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks Park Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22, R-407C

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

CARRIER

General Comments:

CARRIER MULTIZONES

System Description/Summary:

CARRIER MULTIZONES ROOFTOP UNITS WITH GAS HEAT.
LIBRARY AND OFFICE HAVE SINGLE ZONE ROOFTOP UNITS WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks Park Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS PARK ELEMENTARY

Building Letter/Number: B

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		NO
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks Park Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: YORK

General Comments:

QUAD BUILDING

System Description/Summary:

COOLING ONLY ROOFTOP PACKAGE UNIT WITH VFD FOR VAV SYSTEM
CLASSROOM VAV'S HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks Park Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

GLEN OAKS PARK ELEMENTARY

Building Letter/Number:

C

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		NO
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks Park Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: JOHNSON CONTROLS

General Comments:

QUAD BUILDING

System Description/Summary:

COOLING ONLY ROOFTOP PACKAGE UNIT WITH VFD FOR VAV SYSTEM
CLASSROOM VAV'S HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name:

GLEN OAKS HIGH

Building Letter/Number:

A

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

CHILLERS IN R BUILDING
BOILERS IN J BUILDING

System Description/Summary:

COOLING ONLY FAN COIL UNITS IN CLASSROOMS
HEAT ONLY AHU ABOVE CEILING

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name:

GLEN OAKS HIGH

Building Letter/Number:

B

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		YES
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2021
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	GOOD
	Boiler Condition	N/A

Refrigerant Type: R-410A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: JOHNSON CONTROLS

General Comments:

BRAND NEW 2021

System Description/Summary:

GYM AREA SINGLE ZONE ROOFTOP PACKAGE UNITS ELECTIC HEAT
EAST SIDE- ROOFTOP PACKAGE UNIT FOR VAV SYSTEM
VAVS HAVE ELECTRIC HEAT
WEST SIDE - SINGLE ZONE DX SPLIT SYSTEM WITH ELECTIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name:

GLEN OAKS HIGH

Building Letter/Number:

C

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

CHILLERS IN R BUILDING
BOILERS IN J BUILDING

System Description/Summary:

COOLING ONLY FAN COIL UNITS IN CLASSROOMS
HEAT ONLY AHU ABOVE CEILING

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Building Letter/Number: E

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2018
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		GOOD
	Piping Issues		GOOD

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	FAIR

Refrigerant Type: R-410A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: CARRIER

General Comments:

BUILDING BUILT IN 2018

CHILLERS IN R BUILDING
BOILERS IN J BUILDING

System Description/Summary:

CHILL WATER VARIABLE SPEED AHUS FOR VAV SYSTEM
VAV BOXES HAVE HOT WATER COILS
OFFICE AREA HAS DX BACKUP

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Building Letter/Number: F

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

CHILLERS IN R BUILDING
BOILERS IN J BUILDING

System Description/Summary:

4 PIPE AHUS IN ATTIC FOR EACH CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name:

GLEN OAKS HIGH

Building Letter/Number:

H

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-410A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: RHEEM

General Comments:

System Description/Summary:

SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Building Letter/Number: I

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2018
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A

Refrigerant Type: R-410

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: CARRIER

General Comments:

System Description/Summary:

DX SINGLE ZONE SPLIT SYSTEMS WITH ELECTRIC HEAT FOR KITCHEN AND DINING AREAS

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name:

GLEN OAKS HIGH

Building Letter/Number:

J

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		YES
	Electric		YES
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR

Refrigerant Type: R-410A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

GYM

System Description/Summary:

BOILERS LOCATED IN THIS BUILDING
NATURAL GAS BOILERS WITH POWER BURNERS
CONSTANT VOLUME PUMP SCHEME
SINGLE ZONE PACKAGE UNITS WITH ELECTRIC FOR GYM
SPLIT SYSTEMS WITH ELECTRIC HEAT THROUGHOUT
GROUND LEVEL COOLING ONLY PACKAGE UNITS FOR AUDITORIUM
HEAT ONLY AHUS FOR AUDITORIUM UNITS

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name:

GLEN OAKS HIGH

Building Letter/Number:

K

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: CHA16-653-7Y

General Comments:

System Description/Summary:

SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name:

GLEN OAKS HIGH

Building Letter/Number:

L

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

MCQUAY

General Comments:

PNEUMATIC CONTROLS

System Description/Summary:

HOT DECK COLD DECK AHU WITH HOT WATER AND CHILL WATER COILS
PNEUMATIC CONTROLLED MIXING BOXES FOR EACH CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name:

GLEN OAKS HIGH

Building Letter/Number:

N

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		YES
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2008
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

TRANE

General Comments:

System Description/Summary:

SINGLE ZONE ROOFTOP UNITS WITH ELECTRIC HEAT
SINGLE ZONE SPLIT SYSTEM WITH ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name:

GLEN OAKS HIGH

Building Letter/Number:

N

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		YES
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2008
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

TRANE

General Comments:

System Description/Summary:

SINGLE ZONE ROOFTOP UNITS WITH ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH
 Building Letter/Number: O,S,Q --- NO HVAC

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		
	Heat Type:		
	Hot Water		
	Electric		
	DX Package, Split System		
	Heat Type:		
	Hot Water		
	Electric		
	RTU Unit		
	Heat Type:		
	Hot Water		
	Electric		
	VRF Multizone Package Unit		
	Heat Type:		
	Hot Water		
	Electric		
	Chilled Water Piping:		
	2-pipe		
	4-pipe		
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		
	Age of Unit:		
	Chilled Water Piping		
	Piping Issues		
	Condenser Water Piping		
	Piping Issues		

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

System Description/Summary:

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name:

GLEN OAKS HIGH

Building Letter/Number:

P

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		YES
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: LENNOX

General Comments:

System Description/Summary:

SINGLE ZONE ROOFTOP UNIT

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH
 Building Letter/Number: R - CHILLER MECH

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2002
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	GOOD

Refrigerant Type: R-22

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

System Description/Summary:

WATER COOLED TRANE SCREW CHILLERS
COOLING TOWER
SMALL NATURAL DRAFT BOILER LOCATED IN THIS BUILDING

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name:

GLEN OAKS HIGH

Building Letter/Number:

T

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: NORDYNE, EUBANKS

General Comments:

System Description/Summary:

WALLMOUNT SINGLE ZONE UNITS
SINGLE ZONE DX SPLIT SYSTEMS

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name:

GLEN OAKS HIGH

Building Letter/Number:

U

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 2

Glen Oaks High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

System Description/Summary:

SINGLE ZONE DX SPLIT SYSTEM

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Merrydale Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: MERRYDALE ELEM

Building Letter/Number: A

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 2

Merrydale Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: SEASON 4

General Comments:

MAIN BUILDING

System Description/Summary:

MULTIZONE ROOFTOP DX PACKAGE UNITS WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Merrydale Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MERRYDALE ELEM

Building Letter/Number:

B - NO HVAC

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		
	Heat Type:		
	Hot Water		
	Electric		
	DX Package, Split System		
	Heat Type:		
	Hot Water		
	Electric		
	RTU Unit		
	Heat Type:		
	Hot Water		
	Electric		
	VRF Multizone Package Unit		
	Heat Type:		
	Hot Water		
	Electric		
	Chilled Water Piping:		
	2-pipe		
	4-pipe		
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		
	Age of Unit:		
	Chilled Water Piping		
	Piping Issues		
	Condenser Water Piping		

HVAC Assessments - DISTRICT 2

Merrydale Elementary School

	Piping Issues	
	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

System Description/Summary:

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Merrydale Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: MERRYDALE ELEM

Building Letter/Number: C

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2001
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 2

Merrydale Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: YORK

General Comments:

System Description/Summary:

ROOFTOP DX PACKAGE UNITS WITH GAS HEAT
ONE UNIT PER CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Merrydale Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MERRYDALE ELEM

Building Letter/Number:

D

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		YES
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2008
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 2

Merrydale Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: TRANE

General Comments:

QUAD BUILDING

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 2

Northeast Elementary School

HVAC Assessments - DISTRICT 2

Northeast High School

EBRPSS HVAC Equipment System Assessment

School Name Northeast High School
Building Letter/Number A, B, C, D, F

Yes/No	System Type	
	Air-Cooled Chillers	
yes	Water Cooled Chillers	
	Heat Type:	
yes		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
yes		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
yes		4-pipe

Good, Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

HVAC Assessments - DISTRICT 2

Northeast High School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance Beyond

SEER/EER Rating

Manufacturer

General Comments

fair

System Description/Summary

fair

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 2

Northeast High School

EBRPSS HVAC Equipment System Assessment

School Name Northeast High School
Building Letter/Number E

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair	Age of Unit:	
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
fair	Ductwork Condition	
	Boiler Condition	

HVAC Assessments - DISTRICT 2

Northeast High School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance Beyond

SEER/EER Rating

Manufacturer

General Comments

fair

System Description/Summary

fair

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 2

Sharon Hills Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Sharon Hill Elem.

Building Letter/Number A, B, C, D, G

Yes/No	System Type	
yes	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
yes		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
yes		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

poor	General System Condition Campus Wide	
poor		Age of Unit:
poor	Chilled Water Piping	
poor		Piping Issues
poor	Condenser Water Piping	
poor		Piping Issues
poor	Hot Water Piping	
poor		Piping Issues
poor	Piping Insulation	
poor	Ductwork Condition	
poor	Boiler Condition	

HVAC Assessments - DISTRICT 2

Sharon Hills Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating

Manufacturer McQuay

General Comments

System Description/Summary

poor

Status and Function of Controls

poor

HVAC Assessments - DISTRICT 2

Sharon Hills Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Sharon Hill Elem.

Building Letter/Number E

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
yes		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair	Age of Unit:	
fair	Chilled Water Piping	
fair	Piping Issues	
fair	Condenser Water Piping	
fair	Piping Issues	
fair	Hot Water Piping	
fair	Piping Issues	
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

HVAC Assessments - DISTRICT 2

Sharon Hills Elementary School

Refrigerant Type: r-22

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating

Manufacturer

General Comments

System Description/Summary

fair

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 2

Sharon Hills Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Sharon Hill Elem.

Building Letter/Number J

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

HVAC Assessments - DISTRICT 2

Sharon Hills Elementary School

Refrigerant Type: r-22

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating

Manufacturer

General Comments

System Description/Summary

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 2

Sharon Hills Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Sharon Hill Elem.

Building Letter/Number I

Yes/No	System Type	
yes	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

poor	General System Condition Campus Wide	
poor		Age of Unit:
poor	Chilled Water Piping	
poor		Piping Issues
poor	Condenser Water Piping	
poor		Piping Issues
poor	Hot Water Piping	
poor		Piping Issues
poor	Piping Insulation	
poor	Ductwork Condition	
poor	Boiler Condition	

HVAC Assessments - DISTRICT 2

Sharon Hills Elementary School

Refrigerant Type: r-22

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating

Manufacturer

General Comments

System Description/Summary

Status and Function of Controls

poor

HVAC Assessments - DISTRICT 2

Sharon Hills Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Sharon Hill Elem.

Building Letter/Number J

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
yes		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

HVAC Assessments - DISTRICT 2

Sharon Hills Elementary School

Refrigerant Type: r-410a

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating

Manufacturer McQuay

General Comments

System Description/Summary

fair

Status and Function of Controls

t-stats

HVAC Assessments - DISTRICT 2

White Hills Elementary School

EBRPSS HVAC Equipment System Assessment

School Name White Hills Elem.

Building Letter/Number A,B,C,D,E,F

Yes/No	System Type	
YES	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
YES		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

POOR	General System Condition Campus Wide	
POOR		Age of Unit:
POOR	Chilled Water Piping	
POOR		Piping Issues
POOR	Condenser Water Piping	
POOR		Piping Issues
POOR	Hot Water Piping	
POOR		Piping Issues
POOR	Piping Insulation	
POOR	Ductwork Condition	
POOR	Boiler Condition	

HVAC Assessments - DISTRICT 2

White Hills Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance Beyond

SEER/EER Rating

Manufacturer

General Comments

poor

System Description/Summary

poor

Status and Function of Controls

poor

HVAC Assessments - DISTRICT 2

White Hills Elementary School

EBRPSS HVAC Equipment System Assessment

School Name White Hills Elem.

Building Letter/Number H,G

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

POOR	General System Condition Campus Wide	
POOR	Age of Unit:	
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
POOR	Ductwork Condition	
	Boiler Condition	

HVAC Assessments - DISTRICT 2

White Hills Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance Beyond

SEER/EER Rating

Manufacturer

General Comments

poor

System Description/Summary

poor

Status and Function of Controls

poor

HVAC Assessments - DISTRICT 3

Belfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: BELFAIR ELEMENTARY

Building Letter/Number: A

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
GOOD	General System Condition Campus Wide
11, 13, 8	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
FAIR	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 3

Belfair Elementary School

Refrigerant Type: R22 & 410A

Energy STAR Rating:

ASHRAE Life Expectance: 15

SEER/EER Rating: 11, 12

Manufacturer: TRANE, GOODMAN

General Comments:

UNITS FOR BUILDING ARE NOT ORIGINAL AND HAVE BEEN REPLACED, UNIT ADDED TO AUDITORIUM.

System Description/Summary

(5) DX PACKAGE UNITS. (4) ON ROOF FOR OFFICE AND AUDITORIUM, (1) ON GROUND FOR KITCHEN

Status and Function of Controls

HVAC Assessments - DISTRICT 3

Belfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: BELFAIR ELEMENTARY
Building Letter/Number: B, C, E CLASSROOMS

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
YES	Hot Water
	Electric
	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
YES	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
POOR	General System Condition Campus Wide
25+	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
POOR	Piping Insulation
	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 3

Belfair Elementary School

Refrigerant Type: N/A

Energy STAR Rating:

ASHRAE Life Expectance: 20

SEER/EER Rating: N/A

Manufacturer: MCQUAY

General Comments:

UNITS IN OPERABLE CONDITION. REPLACED MOTORS, DRAIN PANS & PANELS.

System Description/Summary

(16) MCQUAY 2-PIPE FAN COILS.

Status and Function of Controls

OPERABLE

HVAC Assessments - DISTRICT 3

Belfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: BELFAIR ELEMENTARY

Building Letter/Number: D

Yes/No	System Type:
YES	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
YES	Hot Water
	Electric
	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
YES	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
FAIR	General System Condition Campus Wide
CHILLER 20 BOILER 26	Age of Unit:
	Chilled Water Piping
POOR	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
POOR	Piping Insulation
	Ductwork Condition
FAIR	Boiler Condition

HVAC Assessments - DISTRICT 3

Belfair Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: CHILLER 15 / BOILER 25

SEER/EER Rating: 9

Manufacturer: TRANE / LARRS

General Comments:

UNITS IN OPERABLE CONDITION.

System Description/Summary

(1) AIR COOLED CHILLER WITH REMOTE CONDENSER, (1) WATER TUBE BOILER

Status and Function of Controls

OPERABLE, CHANGE OVER VALVE IS MANUAL NOT AUTOMATED.

HVAC Assessments - DISTRICT 3

Belfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: BELFAIR ELEMENTARY

Building Letter/Number: E LIBRARY

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
FAIR	General System Condition Campus Wide
19	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
POOR	Piping Insulation
	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 3

Belfair Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: 15

SEER/EER Rating: 9

Manufacturer: CARRIER

General Comments:

UNITS IN OPERABLE CONDITION. REPAIRED REFRIGERANT LEAKS, REPLACED EVAPORATOR COILS.

System Description/Summary

(1) DX PACKAGE UNIT ON ROOF.

Status and Function of Controls

OPERABLE

HVAC Assessments - DISTRICT 3

Belfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: BELFAIR ELEMENTARY

Building Letter/Number: G

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package , Split System
	Heat Type:
	Hot Water
YES	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
FAIR	General System Condition Campus Wide
20	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
POOR	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 3

Belfair Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: 15

SEER/EER Rating: 9

Manufacturer: TRANE

General Comments:

UNIT ORIGINAL TO BUILDING, COMPRESSORS BEEN REPLACED AND REFRIGERANT
LEAKS HAVE BEEN REPAIRED.

System Description/Summary

(1) DX PACKAGE UNIT WITH ELECTRIC HEAT VAV BOXES.

Status and Function of Controls

OPERABLE.

HVAC Assessments - DISTRICT 3

Capitol Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Capital Elem.
Building Letter/Number A

Yes/No	System Type	
	Air-Cooled Chillers	
YES	Water Cooled Chillers	
	Heat Type:	
YES		Hot Water
		Electric
YES	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
YES		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

HVAC Assessments - DISTRICT 3

Capitol Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance Beyond

SEER/EER Rating

Manufacturer

General Comments

fair

System Description/Summary

fair

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 3

Crestworth Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

CRESTWORTH ELEMENTARY

Building Letter/Number:

A

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		N/A
	Electric		N/A
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		N/A
	Electric		N/A
	Chilled Water Piping:		
	2-pipe		
	4-pipe		
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2017
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A
	Hot Water Piping		N/A

HVAC Assessments - DISTRICT 3

Crestworth Elementary School

	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	POOR
	Boiler Condition	N/A

Refrigerant Type: R-410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: TRANE

General Comments:

UNITS REPLACED IN 2017, DUCTWORK IS MADE OF DUCTBOARD

System Description/Summary:

ROOFTOP PACKAGE UNITS WITH MULTIZONE CURB ADAPTERS

Status and Function of Controls:

HVAC Assessments - DISTRICT 3

Crestworth Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

CRESTWORTH ELEMENTARY

Building Letter/Number:

B,C --- NO HVAC

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		
	Heat Type:		
	Hot Water		
	Electric		
	DX Package, Split System		
	Heat Type:		
	Hot Water		
	Electric		
	RTU Unit		
	Heat Type:		
	Hot Water		
	Electric		
	VRF Multizone Package Unit		
	Heat Type:		
	Hot Water		
	Electric		
	Chilled Water Piping:		
	2-pipe		
	4-pipe		
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		
	Age of Unit:		
	Chilled Water Piping		
	Piping Issues		
	Condenser Water Piping		
	Piping Issues		
	Hot Water Piping		

HVAC Assessments - DISTRICT 3

Crestworth Elementary School

	Piping Issues	
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

--

System Description/Summary:

--

Status and Function of Controls:

--

HVAC Assessments - DISTRICT 3

Delmont Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Delmont PreK
Building Letter/Number A, B, D

Yes/No	System Type	
yes	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
yes		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
yes		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

Poor	General System Condition Campus Wide	
Poor		Age of Unit:
Poor	Chilled Water Piping	
Poor		Piping Issues
	Condenser Water Piping	
		Piping Issues
Poor	Hot Water Piping	
Poor		Piping Issues
Poor	Piping Insulation	
Poor	Ductwork Condition	
Poor	Boiler Condition	

HVAC Assessments - DISTRICT 3

Delmont Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance Beyond

SEER/EER Rating

Manufacturer

General Comments

POOR

System Description/Summary

POOR

Status and Function of Controls

POOR

HVAC Assessments - DISTRICT 3

Delmont Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Delmont PreK
Building Letter/Number C,H,I

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

Poor	General System Condition Campus Wide	
Poor	Age of Unit:	
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
Poor	Ductwork Condition	
Poor	Boiler Condition	

HVAC Assessments - DISTRICT 3

Delmont Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance Beyond

SEER/EER Rating

Manufacturer

General Comments

POOR

System Description/Summary

POOR

Status and Function of Controls

T-stats

HVAC Assessments - DISTRICT 3

Delmont Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Delmont PreK
Building Letter/Number E

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
		Age of Unit:
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
fair	Ductwork Condition	
	Boiler Condition	

HVAC Assessments - DISTRICT 3

Delmont Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating _____

Manufacturer _____

General Comments

Fair	
------	--

System Description/Summary

Fair	
------	--

Status and Function of Controls

Fair	
------	--

HVAC Assessments - DISTRICT 3

Delmont Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Delmont PreK
Building Letter/Number F

Yes/No	System Type	
yes	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
yes		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

Poor	General System Condition Campus Wide	
	Age of Unit:	
	Chilled Water Piping	
	Piping Issues	
	Condenser Water Piping	
	Piping Issues	
	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
	Ductwork Condition	
Poor	Boiler Condition	

HVAC Assessments - DISTRICT 3

Delmont Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating _____

Manufacturer _____

General Comments

Poor

System Description/Summary

Poor	
------	--

Status and Function of Controls

Poor

HVAC Assessments - DISTRICT 3

Beechwood Superintendent Academy

HVAC Assessments - DISTRICT 3

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name:

ISTROUMA HIGH

Building Letter/Number:

A

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2017
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		GOOD
	Piping Issues		GOOD

HVAC Assessments - DISTRICT 3

Istrouma High School

	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD

Refrigerant Type: R-410A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

HVAC REMODELED IN 2017
4 PIPE SYSTEM
CHILLERS AND BOILERS IN L BUILDING

System Description/Summary:

VARIABLE SPEED AHUS WITH PREHEAT AND COOLING COILS FOR VAV SYSTEMS
HOT WATER VAV BOXES FOR EACH CLASSROOM
OFFICE AREA HAS DX BACKUP WITH CONDENSER ON ROOFTOP

Status and Function of Controls:

HVAC Assessments - DISTRICT 3

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name:

ISTROUMA HIGH

Building Letter/Number:

B

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2017
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		GOOD
	Piping Issues		GOOD

HVAC Assessments - DISTRICT 3

Istrouma High School

	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

TRANE

General Comments:

HVAC REMODELED IN 2017
4 PIPE SYSTEM
CHILLERS AND BOILERS IN L BUILDING

System Description/Summary:

SINGLE ZONE 4 PIPE AHUS FOR KITCHEN AND DINING AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 3

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name:

ISTROUMA HIGH

Building Letter/Number:

C

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2017
	Chilled Water Piping		N/A
	Piping Issues		GOOD
	Condenser Water Piping		GOOD
	Piping Issues		GOOD

HVAC Assessments - DISTRICT 3

Istrouma High School

	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD
		GOOD

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

TRANE

General Comments:

HVAC REMODELED IN 2017
4 PIPE SYSTEM
CHILLERS AND BOILERS IN L BUILDING

System Description/Summary:

SINGLE ZONE 4 PIPE AHUS FOR GYM AND LOCKER ROOMS
4-PIPE FAN COIL CASSETTE UNITS FOR OTHER AREAS

Status and Function of Controls:

HVAC Assessments - DISTRICT 3

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name: ISTROUMA HIGH
 Building Letter/Number: D,I,K,L,M --- NO HVAC
 OR BUILDING REMOVED DURING REMODEL

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2017
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 3

Istrouma High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

TRANE

General Comments:

HVAC REMODELED IN 2017
4 PIPE SYSTEM
CHILLERS AND BOILERS IN L BUILDING

System Description/Summary:

SINGLE ZONE 4 PIPE AHUS FOR GYM AND LOCKER ROOMS
4-PIPE FAN COIL CASSETTE UNITS FOR OTHER AREAS

Status and Function of Controls:

HVAC Assessments - DISTRICT 3

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name:

ISTROUMA HIGH

Building Letter/Number:

E

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2017
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		GOOD
	Piping Issues		GOOD

HVAC Assessments - DISTRICT 3

Istrouma High School

	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD

Refrigerant Type: R-410A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: DAIKIN

General Comments:

HVAC REMODELED IN 2018
4 PIPE SYSTEM
CHILLERS AND BOILERS IN L BUILDING

System Description/Summary:

VARIABLE SPEED AHUS WITH PREHEAT AND COOLING COILS FOR VAV SYSTEMS
HOT WATER VAV BOXES FOR EACH CLASSROOM
OFFICE AREA HAS DX WITH CONDENSERS ON ROOFTOP

Status and Function of Controls:

HVAC Assessments - DISTRICT 3

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name:

ISTROUMA HIGH

Building Letter/Number:

F --- PTACS

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2017
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 3

Istrouma High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A

Refrigerant Type: R-410A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: GE

General Comments:

HVAC REMODELED IN 2017

System Description/Summary:

THRU THE WALL PTAC UNITS

Status and Function of Controls:

HVAC Assessments - DISTRICT 3

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name: ISTROUMA HIGH
 Building Letter/Number: G --- BUILDING BOARDED UP
 OUT OF USE

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		UNKNOWN
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 3

Istrouma High School

	Hot Water Piping	UNKNOWN
	Piping Issues	UNKNOWN
	Piping Insulation	UNKNOWN
	Ductwork Condition	UNKNOWN
	Boiler Condition	UNKNOWN

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

NO ACCESS TO EQUIPMENT

System Description/Summary:

STEAM BOILER AND HEAT ONLY AHU
NO ACCESS TO CHECK CURRENT CONDITION

Status and Function of Controls:

HVAC Assessments - DISTRICT 3

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name:

ISTROUMA HIGH

Building Letter/Number:

H

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2017
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		GOOD
	Piping Issues		GOOD

HVAC Assessments - DISTRICT 3

Istrouma High School

	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

TRANE

General Comments:

HVAC REMODELED IN 2017
4 PIPE SYSTEM
CHILLERS AND BOILERS IN L BUILDING

System Description/Summary:

SINGLE ZONE 4 PIPE AHUS FOR EACH SHOP AND A SINGLE CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 3

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name:

ISTROUMA HIGH

Building Letter/Number:

J

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2017
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 3

Istrouma High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	GOOD
	Boiler Condition	N/A

Refrigerant Type: R-410A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

HVAC REMODELED IN 2017

System Description/Summary:

SINGLE ZONE ROOFTOP PACKAGE UNITS FOR EACH SHOP AND A SINGLE CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 3

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name:

ISTROUMA HIGH

Building Letter/Number:

H

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2017
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		GOOD
	Piping Issues		GOOD

HVAC Assessments - DISTRICT 3

Istrouma High School

	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD

Refrigerant Type: R-134A, R-22

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE, YORK

General Comments:

HVAC REMODELED IN 2017
4 PIPE SYSTEM
CHILLERS AND BOILERS IN L BUILDING

System Description/Summary:

R-22 WATER COOLED YORK SCREW CHILLER
VARIABLE SPEED WATER COOLED TRANE SCREW CHILLER
VARIABLE SPEED PRIMARY PUMPING SCHEME
HIGH EFFICIENCY BOILERS WITH VARIABLE SPEED PUMPING

Status and Function of Controls:

HVAC Assessments - DISTRICT 3

Park Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

PARK ELEMENTARY

Building Letter/Number:

A

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2019
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		GOOD
	Piping Issues		GOOD

HVAC Assessments - DISTRICT 3

Park Elementary School

	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD

Refrigerant Type: R-134A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: YORK

General Comments:

CAMPUS BUILT IN 2019

System Description/Summary:

AIR COOLED VARIABLE SPEED YORK SCREW CHILLERS
HIGH EFFICIENCY BOILERS
VARIABLE SPEED AHUS FOR VAV SYSTEMS
VAV BOXES FOR EACH CLASSROOM
SINGLE ZONE UNITS FOR KITCHEN AND DINING AREAS
DX BACKUP FOR ADMIN AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 3

Progress Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Progress Elem.
Building Letter/Number A,B

Yes/No	System Type	
	Air-Cooled Chillers	
YES	Water Cooled Chillers	
	Heat Type:	
YES		Hot Water
		Electric
YES	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
YES		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

HVAC Assessments - DISTRICT 3

Progress Elementary School

Refrigerant Type: R-134A

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating

Manufacturer

General Comments

fair

System Description/Summary

fair

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 3

Ryan Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Ryan Elem.
Building Letter/Number A

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
yes		Hot Water
yes		Electric
yes	DX Package, Split System	
yes	Heat Type:	
yes		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair	Age of Unit:	
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

HVAC Assessments - DISTRICT 3

Ryan Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance Beyond

SEER/EER Rating

Manufacturer

General Comments

System Description/Summary

Status and Function of Controls

poor

HVAC Assessments - DISTRICT 3

Ryan Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Ryan Elem.
Building Letter/Number B

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

HVAC Assessments - DISTRICT 3

Ryan Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance Beyond

SEER/EER Rating

Manufacturer

General Comments

System Description/Summary

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 3

Scotlandville Middle School

EBRPSS HVAC Equipment System Assessment

School Name Scotlandville (Middle) Pre Engineering
Building Letter/Number A

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
YES	DX Package, Split System	
	Heat Type:	
		Hot Water
YES		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair	Age of Unit:	
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
fair	Ductwork Condition	
	Boiler Condition	

HVAC Assessments - DISTRICT 3

Scotlandville Middle School

Refrigerant Type: 410A

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating

Manufacturer

General Comments

fair

System Description/Summary

fair

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 3

Scotlandville Middle School

EBRPSS HVAC Equipment System Assessment

School Name Scotlandville (Middle) Pre Engineering
Building Letter/Number B,C,E,F,G,H,I

Yes/No	System Type	
	Air-Cooled Chillers	
YES	Water Cooled Chillers	
	Heat Type:	
YES		Hot Water
		Electric
YES	DX Package, Split System	
	Heat Type:	
		Hot Water
YES		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
YES		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

POOR	General System Condition Campus Wide	
POOR		Age of Unit:
POOR	Chilled Water Piping	
POOR		Piping Issues
POOR	Condenser Water Piping	
POOR		Piping Issues
POOR	Hot Water Piping	
POOR		Piping Issues
POOR	Piping Insulation	
POOR	Ductwork Condition	
POOR	Boiler Condition	

HVAC Assessments - DISTRICT 3

Scotlandville Middle School

Refrigerant Type:	R-22
Energy STAR Rating:	N/A
ASHRAE Life Expectance	
SEER/EER Rating	
Manufacturer	

General Comments

System Description/Summary

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 3

Scotlandville Middle School

EBRPSS HVAC Equipment System Assessment

School Name Scotlandville (Middle) Pre Engineering
Building Letter/Number D

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
YES	RTU Unit	
	Heat Type:	
		Hot Water
YES		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

FAIR	General System Condition Campus Wide	
FAIR	Age of Unit:	
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
FAIR	Ductwork Condition	
	Boiler Condition	

HVAC Assessments - DISTRICT 3

Scotlandville Middle School

EBRPSS HVAC Equipment System Assessment

School Name Scotlandville (Middle) Pre Engineering
Building Letter/Number J

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
YES	DX Package, Split System	
	Heat Type:	
		Hot Water
YES		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

FAIR	General System Condition Campus Wide	
FAIR	Age of Unit:	
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
FAIR	Ductwork Condition	
	Boiler Condition	

HVAC Assessments - DISTRICT 3

Scotlandville Middle School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating

Manufacturer

General Comments

System Description/Summary

Status and Function of Controls

fair

T-STATS

HVAC Assessments - DISTRICT 3

Winbourne Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

WINBOURNE ELEMENTARY

Building Letter/Number:

A

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2006
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR

HVAC Assessments - DISTRICT 3

Winbourne Elementary School

	Piping Issues	FAIR
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

YORK

General Comments:

NEW WINBOURNE

System Description/Summary:

WATER COOLED YORK SCREW CHILLERS
 WATER COOLED YORK SCREW CHILLERS
 NATURAL GAS BOILER WITH POWER BURNER
 VARIABLE SPEED CHILL WATER AHUS FOR VAV SYSTEM
 VAV BOXES HAVE HOT WATER COILS FOR HEATING
 OFFICE AREA HAS DX BACKUP
 SERVER ROOMS HAVE SELF CONTAINED IN CEILING PACKAGE UNITS

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Arlington Prep Academy - Howell Park

HVAC Assessments - DISTRICT 4

Belaire High School

EBRPSS HVAC Equipment System Assessment

School Name: BELAIRE HIGH

Building Letter/Number: A

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		1995
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 4

Belaire High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: YORK

General Comments:

PNEUMATIC ZONE CONTROLS

System Description/Summary:

WATER COOLED YORK SCREW CHILLERS
THREE STANDING BOILERS
CARRIER MULTIZONE UNITS FOR OFFICE, BAND, TRADES AREA
MOST CLASSROOMS HAVE HOT DECK COLD DECK MIXING BOXES
HOT DECK COLD DECK AHUS IN PENTHOUSES ON ROOF
SINGLE ZONE AHUS FOR GYM

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Belaire High School

EBRPSS HVAC Equipment System Assessment

School Name: BELAIRE HIGH
 Building Letter/Number: B --- NO HVAC

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		
	Heat Type:		
	Hot Water		
	Electric		
	DX Package, Split System		
	Heat Type:		
	Hot Water		
	Electric		
	RTU Unit		
	Heat Type:		
	Hot Water		
	Electric		
	VRF Multizone Package Unit		
	Heat Type:		
	Hot Water		
	Electric		
	Chilled Water Piping:		
	2-pipe		
	4-pipe		
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		
	Age of Unit:		
	Chilled Water Piping		
	Piping Issues		
	Condenser Water Piping		
	Piping Issues		

HVAC Assessments - DISTRICT 4

Belaire High School

	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

System Description/Summary:

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Brookstown Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

BROOKSTOWN

Building Letter/Number:

A

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Brookstown Middle School

	Piping Issues	N/A
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

TRANE

General Comments:

REMODELED IN 2014
CHILLER IN F BUILDING
BOILER IN B BUILDING

System Description/Summary:

VARIABLE SPEED CHILL WATER AHUS FOR VAV SYSTEM IN A BUILDING
VAV BOXES HAVE HOT WATER COILS FOR HEATING

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Brookstown Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

BROOKSTOWN

Building Letter/Number:

B

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Brookstown Middle School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A

Refrigerant Type: R-410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: TRANE

General Comments:

System Description/Summary:

ROOFTOP SINGLE ZONE PACKAGE UNITS WITH ELECTRIC HEAT FOR DINING AREA
SINGLE ZONE SPLIT SYSTEMS WITH ELECTRIC HEAT FOR THE AUDITORIUM

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Brookstown Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

BROOKSTOWN

Building Letter/Number:

C

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		YES
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Brookstown Middle School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____ TRANE _____

General Comments:

REMODELED IN 2014
CHILLER IN F BUILDING
BOILER IN B BUILDING

System Description/Summary:

CHILL WATER FAN COIL UNITS WITH ELECTRIC HEAT ABOVE CEILING IN CLOSETS

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Brookstown Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

BROOKSTOWN

Building Letter/Number:

D

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	RTU Unit		NO
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2001
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Brookstown Middle School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: TRANE

General Comments:

LIBRARY BUILDING

System Description/Summary:

SINGLE ZONE GROUND LEVEL PACKAGE UNIT WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Brookstown Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

BROOKSTOWN

Building Letter/Number:

E

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Brookstown Middle School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

LENNOX

General Comments:

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Brookstown Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

BROOKSTOWN

Building Letter/Number:

F - CHILLER MECH

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Brookstown Middle School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

BITZER

General Comments:

System Description/Summary:

AIR COOLED SCREW CHILLER WITH A REMOTE CONDENSER ON THE ROOF.

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

East Baton Rouge Virtual Academy

HVAC Assessments - DISTRICT 4

Greenbrier Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Greenbrier Elem.
Building Letter/Number A

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
yes	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
yes		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair	Age of Unit:	
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
fair	Ductwork Condition	
	Boiler Condition	

HVAC Assessments - DISTRICT 4

Greenbrier Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating

Manufacturer

General Comments

fair

System Description/Summary

fair

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 4

Greenbrier Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Greenbrier Elem.
Building Letter/Number B, D, E, F

Yes/No	System Type	
yes	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
yes		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

poor	General System Condition Campus Wide	
poor		Age of Unit:
poor	Chilled Water Piping	
poor		Piping Issues
poor	Condenser Water Piping	
poor		Piping Issues
poor	Hot Water Piping	
poor		Piping Issues
poor	Piping Insulation	
poor	Ductwork Condition	
poor	Boiler Condition	

HVAC Assessments - DISTRICT 4

Greenbrier Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating

Manufacturer

General Comments

System Description/Summary

Status and Function of Controls

poor

HVAC Assessments - DISTRICT 4

Greenbrier Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Greenbrier Elem.
Building Letter/Number G Mech Room

Yes/No	System Type	
yes	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair		Age of Unit:
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	

HVAC Assessments - DISTRICT 4

Greenbrier Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating

Manufacturer

General Comments

System Description/Summary

Status and Function of Controls

poor

HVAC Assessments - DISTRICT 4

Greenbrier Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Greenbrier Elem.
Building Letter/Number H Quad

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good,Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair	Age of Unit:	
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
fair	Ductwork Condition	
	Boiler Condition	

HVAC Assessments - DISTRICT 4

Greenbrier Elementary School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance

SEER/EER Rating

Manufacturer

General Comments

System Description/Summary

Status and Function of Controls

poor

HVAC Assessments - DISTRICT 4

LaBelle Aire Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: LA BELLE AIRE ELEMENTARY

Building Letter/Number: A

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2002
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

LaBelle Aire Elementary School

	Piping Issues	N/A
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: TRANE

General Comments:

MAIN BUILDING

System Description/Summary:

AIR COOLED CHILLER WITH A REMOTE CONDENSER ON THE ROOF
MULTIZONE AHUS WITH HOT DECK AND COLD DECK FOR MOST AREAS
ROOFTOP SINGLE ZONE DX PACKAGE UNITS WITH GAS HEAT FOR 3 CLASSROOMS AND OFFICE AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

LaBelle Aire Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

LA BELLE AIRE ELEMENTARY

Building Letter/Number:

B

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		N/A
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

LaBelle Aire Elementary School

	Piping Issues	N/A
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

TRANE

General Comments:

DINING / AUDITORIUM

System Description/Summary:

MULTIZONE AHUS WITH HOT DECK AND COLD DECK

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

LaBelle Aire Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: LA BELLE AIRE ELEMENTARY

Building Letter/Number: C

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2006
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

LaBelle Aire Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

TRANE

General Comments:

System Description/Summary:

ROOFTOP DX PACKAGE UNITS FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

LaBelle Aire Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: LA BELLE AIRE ELEMENTARY

Building Letter/Number: D

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2013
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

LaBelle Aire Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	GOOD
	Boiler Condition	N/A

Refrigerant Type: R-410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: TRANE

General Comments:

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

LaBelle Aire Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

LA BELLE AIRE ELEMENTARY

Building Letter/Number:

E --- NO HVAC

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		
	Heat Type:		
	Hot Water		
	Electric		
	DX Package, Split System		
	Heat Type:		
	Hot Water		
	Electric		
	RTU Unit		
	Heat Type:		
	Hot Water		
	Electric		
	VRF Multizone Package Unit		
	Heat Type:		
	Hot Water		
	Electric		
	Chilled Water Piping:		
	2-pipe		
	4-pipe		
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		
	Age of Unit:		
	Chilled Water Piping		
	Piping Issues		
	Condenser Water Piping		

HVAC Assessments - DISTRICT 4

LaBelle Aire Elementary School

	Piping Issues	
	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

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System Description/Summary:

--

Status and Function of Controls:

--

HVAC Assessments - DISTRICT 4

Park Forest Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

PARK FOREST MIDDLE

Building Letter/Number:

A

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2016
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR

HVAC Assessments - DISTRICT 4

Park Forest Elementary School

	Piping Issues	FAIR
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR

Refrigerant Type: R-410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

CARRIER

General Comments:

MAIN BUILDING
PNEUMATIC ROOM AND ZONE CONTROLS

System Description/Summary:

AIR COOLED SCROLL CHILLERS FOR BUILDING A
NATURAL DRAFT BOILER FOR BUILDING A
HOT DECK COLD DECK AHUS IN PENTHOUSE
PNEUMATIC MIXING BOXES FOR MOST CLASSROOMS
ROOFTOP PACKAGE UNIT WITH GAS HEAT FOR OFFICE
ROOFTOP PACKAGE UNITS WITH ELECTRIC HEAT FOR OTHER AREAS

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Park Forest Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

PARK FOREST MIDDLE

Building Letter/Number:

B

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2007
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Park Forest Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: YORK

General Comments:

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Park Forest Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

PARK FOREST MIDDLE

Building Letter/Number:

C

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2007
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Park Forest Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

MCQUAY

General Comments:

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Park Forest Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: PARK FOREST MIDDLE
 Building Letter/Number: D,E ---- NO HVAC

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Park Forest Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

System Description/Summary:

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Park Forest Magnet

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name:

NORTHDALE ACADEMY

Building Letter/Number:

A

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

AUDITORIUM AND DINING ROOM BLDG

System Description/Summary:

SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT FOR AUDITORIUM
WINDOW UNITS FOR DINING ROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name:

NORTHDALE ACADEMY

Building Letter/Number:

B

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR

Refrigerant Type: R-407C

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

ADMIN BUILDING
CHILLER AND BOILER IN L BUILDING

System Description/Summary:

SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT FOR OFFICE AREA
2-PIPE FAN COIL UNIT FOR TEACHERS LOUNGE

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name:

NORTHDALE ACADEMY

Building Letter/Number:

C

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

CHILLER AND BOILER IN L BUILDING

System Description/Summary:

2-PIPE FAN COIL UNIT FOR CLASSROOMS

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name:

NORTHDALE ACADEMY

Building Letter/Number:

D

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

CHILLER AND BOILER IN L BUILDING

System Description/Summary:

2-PIPE FAN COIL UNIT FOR CLASSROOMS

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name: NORTHDALE ACADEMY

Building Letter/Number: E

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

CHILLER AND BOILER IN L BUILDING

System Description/Summary:

2-PIPE FAN COIL UNIT FOR CLASSROOMS

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name:

NORTHDALE ACADEMY

Building Letter/Number:

F

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

CHILLER AND BOILER IN L BUILDING

System Description/Summary:

2-PIPE FAN COIL UNIT FOR CLASSROOMS

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name:

NORTHDALE ACADEMY

Building Letter/Number:

G - WINDOW UNIT

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		
	Heat Type:		
	Hot Water		
	Electric		
	DX Package, Split System		
	Heat Type:		
	Hot Water		
	Electric		
	RTU Unit		
	Heat Type:		
	Hot Water		
	Electric		
	VRF Multizone Package Unit		
	Heat Type:		
	Hot Water		
	Electric		
	Chilled Water Piping:		
	2-pipe		
	4-pipe		
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		
	Age of Unit:		
	Chilled Water Piping		
	Piping Issues		
	Condenser Water Piping		
	Piping Issues		

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

CUSTODIAL BUILDING - WINDOW UNIT

System Description/Summary:

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name: NORTHDALE ACADEMY

Building Letter/Number: H

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

CHILLER AND BOILER IN L BUILDING

System Description/Summary:

2-PIPE FAN COIL UNIT FOR CLASSROOMS

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name:

NORTHDALE ACADEMY

Building Letter/Number:

I

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

System Description/Summary:

SINGLE ZONE ROOFTOP PACKAGE UNITS WITH GAS HEAT FOR EACH CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name: NORTHDALE ACADEMY

Building Letter/Number: J

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

System Description/Summary:

SINGLE ZONE ROOFTOP PACKAGE UNITS WITH GAS HEAT FOR EACH CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name:

NORTHDALE ACADEMY

Building Letter/Number:

K

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

LIBRARY

System Description/Summary:

SINGLE ZONE ROOFTOP PACKAGE UNITS WITH GAS HEAT FOR LIBRARY

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name:

NORTHDALE ACADEMY

Building Letter/Number:

L - MECHANICAL

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 4

Northdale Superintendent Academy

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: R-407C

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: BITZER

General Comments:

CHILLER AND BOILER MECH

System Description/Summary:

2-PIPE FAN SYSTEM
AIR COOLED VARIABLE SPEED SCREW CHILLER WITH REMOTE CONDENSER ON ROOFTOP
NATURAL DRAFT BOILER

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

VILLA DEL REY

Building Letter/Number:

A

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

UNITS AGED BUT IN FAIR CONDITION

System Description/Summary:

2 PIPE FAN COIL UNITS IN CLASSROOMS
AIR COOLED CHILLER WITH REMOTE CONDENSER IN J BUILDING
NATURAL DRAFT BOILER IN F BUILDING

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

VILLA DEL REY

Building Letter/Number:

B

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

UNITS AGED BUT IN FAIR CONDITION

System Description/Summary:

2 PIPE FAN COIL UNITS IN CLASSROOMS
AIR COOLED CHILLER WITH REMOTE CONDENSER IN J BUILDING
NATURAL DRAFT BOILER IN F BUILDING

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

VILLA DEL REY

Building Letter/Number:

C

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

UNITS AGED BUT IN FAIR CONDITION

System Description/Summary:

2 PIPE FAN COIL UNITS IN CLASSROOMS
AIR COOLED CHILLER WITH REMOTE CONDENSER IN J BUILDING
NATURAL DRAFT BOILER IN F BUILDING

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

VILLA DEL REY

Building Letter/Number:

D

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2001&2013
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R22, R410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

TRANE, YORK

General Comments:

DINING AREA HAS NO HEAT. HEAT ONLY FAN COILS WERE REMOVED DURING THE REMODEL.

System Description/Summary:

COOLING ONLY GROUND LEVEL SINGLE ZONE DX PACKAGE UNIT FOR DINING AREA
GROUND LEVEL SINGLE ZONE DX PACKAGE UNIT WITH ELECTRIC HEAT FOR AUDITORIUM

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: VILLA DEL REY
Building Letter/Number: E

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		YES
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		1998
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: TRANE

General Comments:

System Description/Summary:

SINGLE ZONE DX SPLIT SYSTEM WITH ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

VILLA DEL REY

Building Letter/Number:

F - BOILER MECHANICAL BLDG

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

ACKOMATIC

General Comments:

System Description/Summary:

2-PIPE SYSTEM
NATURAL DRAFT BOILER

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

VILLA DEL REY

Building Letter/Number:

G

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R407C

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: LENNOX

General Comments:

System Description/Summary:

ROOFTOP SINGLE ZONE DX PACKAGE UNIT WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

VILLA DEL REY

Building Letter/Number:

H

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2000, 2020
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22 & R410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

LENNOX

General Comments:

System Description/Summary:

ROOFTOP SINGLE ZONE DX PACKAGE UNIT WITH GAS HEAT FOR EACH ROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

VILLA DEL REY

Building Letter/Number:

I

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2013
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

General Comments:

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

VILLA DEL REY

Building Letter/Number:

J - CHILLER MECH BLDG

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2004
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: TRANE

General Comments:

System Description/Summary:

AIR COOLED SCREW CHILLER WITH REMOTE CONDENSER ON THE ROOF

Status and Function of Controls:

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: VILLA DEL REY
 Building Letter/Number: K,L --- NO HVAC

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		
	Heat Type:		
	Hot Water		
	Electric		
	DX Package, Split System		
	Heat Type:		
	Hot Water		
	Electric		
	RTU Unit		
	Heat Type:		
	Hot Water		
	Electric		
	VRF Multizone Package Unit		
	Heat Type:		
	Hot Water		
	Electric		
	Chilled Water Piping:		
	2-pipe		
	4-pipe		
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		
	Age of Unit:		
	Chilled Water Piping		
	Piping Issues		
	Condenser Water Piping		

HVAC Assessments - DISTRICT 4

Villa Del Rey Elementary School

	Piping Issues	
	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

System Description/Summary:

Status and Function of Controls: