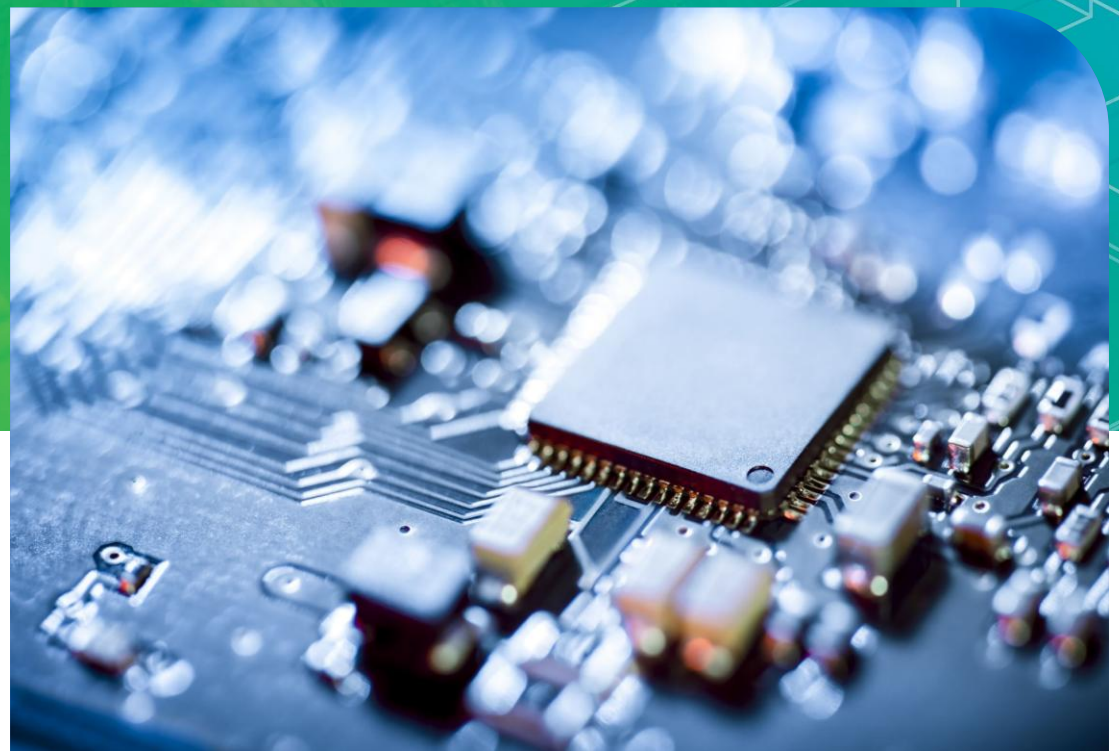
AI + Cx = Smarter Buildings

October 2025



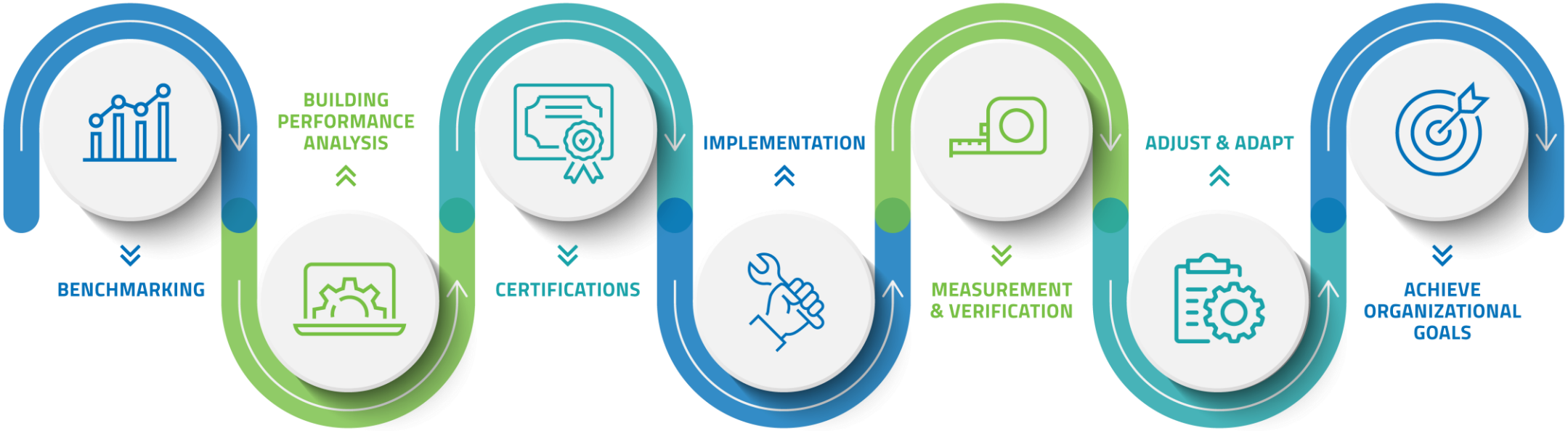
Building Performance

Introductions

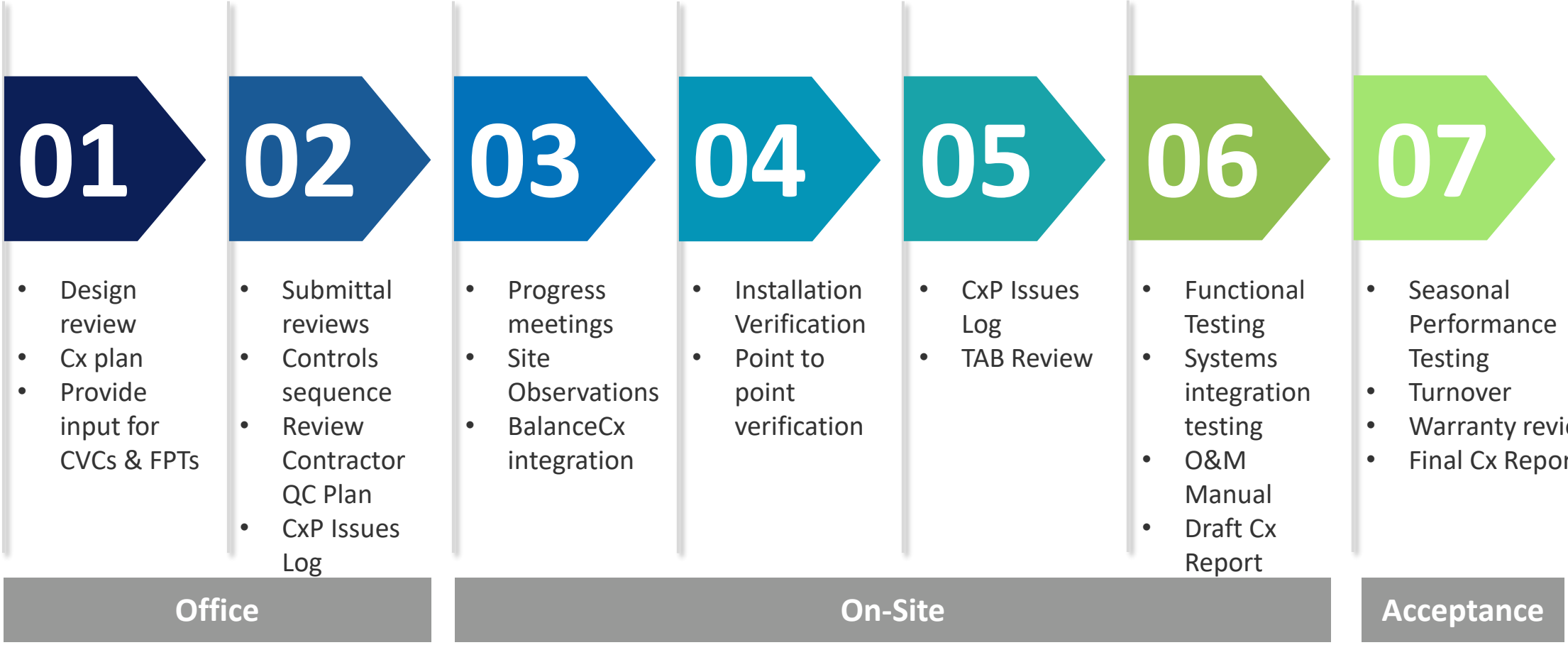
- Mike Ball – Principal
  - Ohio and surrounding regions

- Ben Talbot – Analytics Group Leader
  - BalanceCx development and delivery

Holistic Building Performance



Introduction to the Commissioning Process

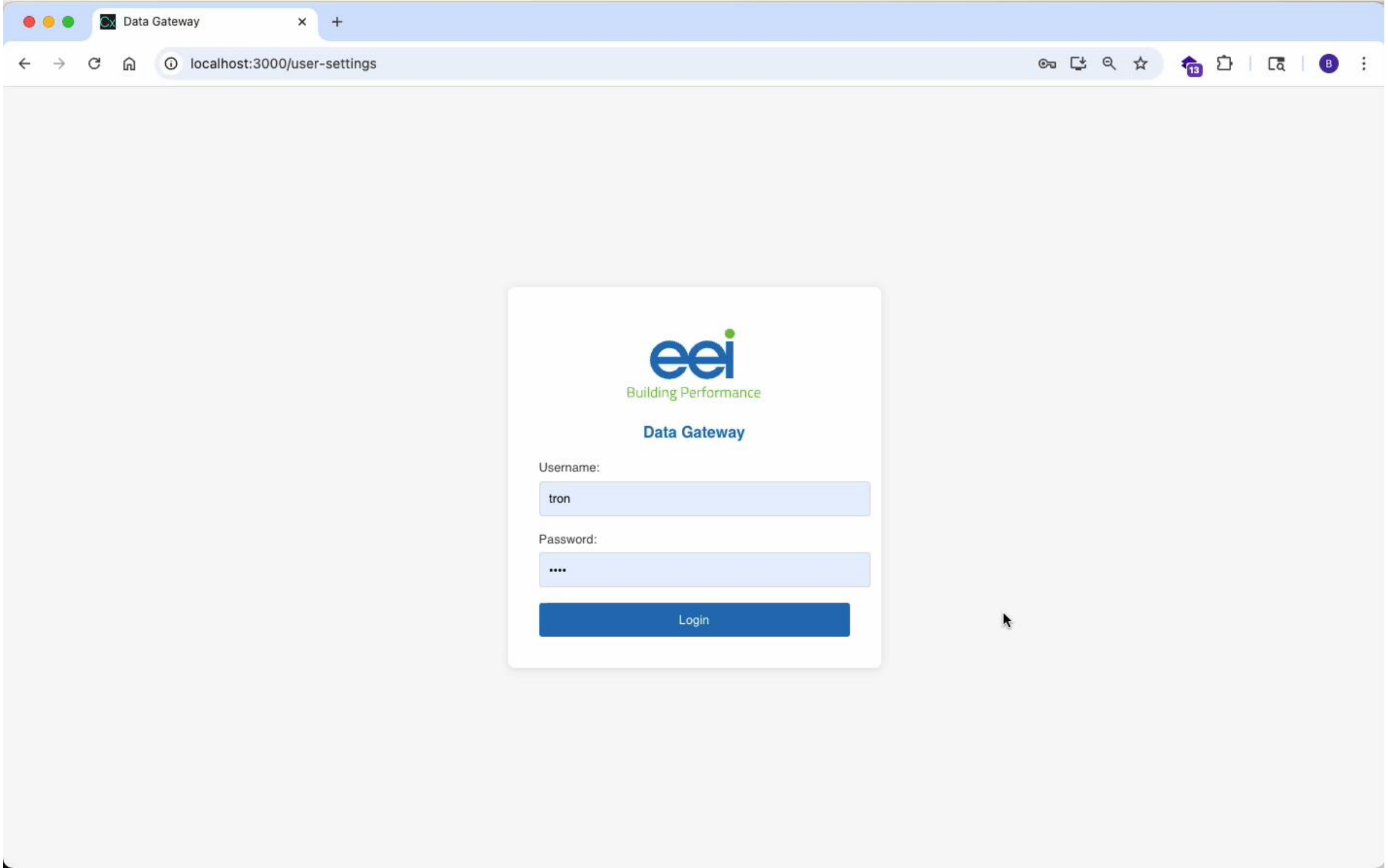


AI Use Cases

- Setup
  - Application Development
- Cx
  - Design Document Data Extraction
- Operations
  - Context Aware Chats
  - Energy Efficiency Measure Generator

Application Development

- Claude Code
- Cursor
- OpenAI Codex
- Gemini
- Replit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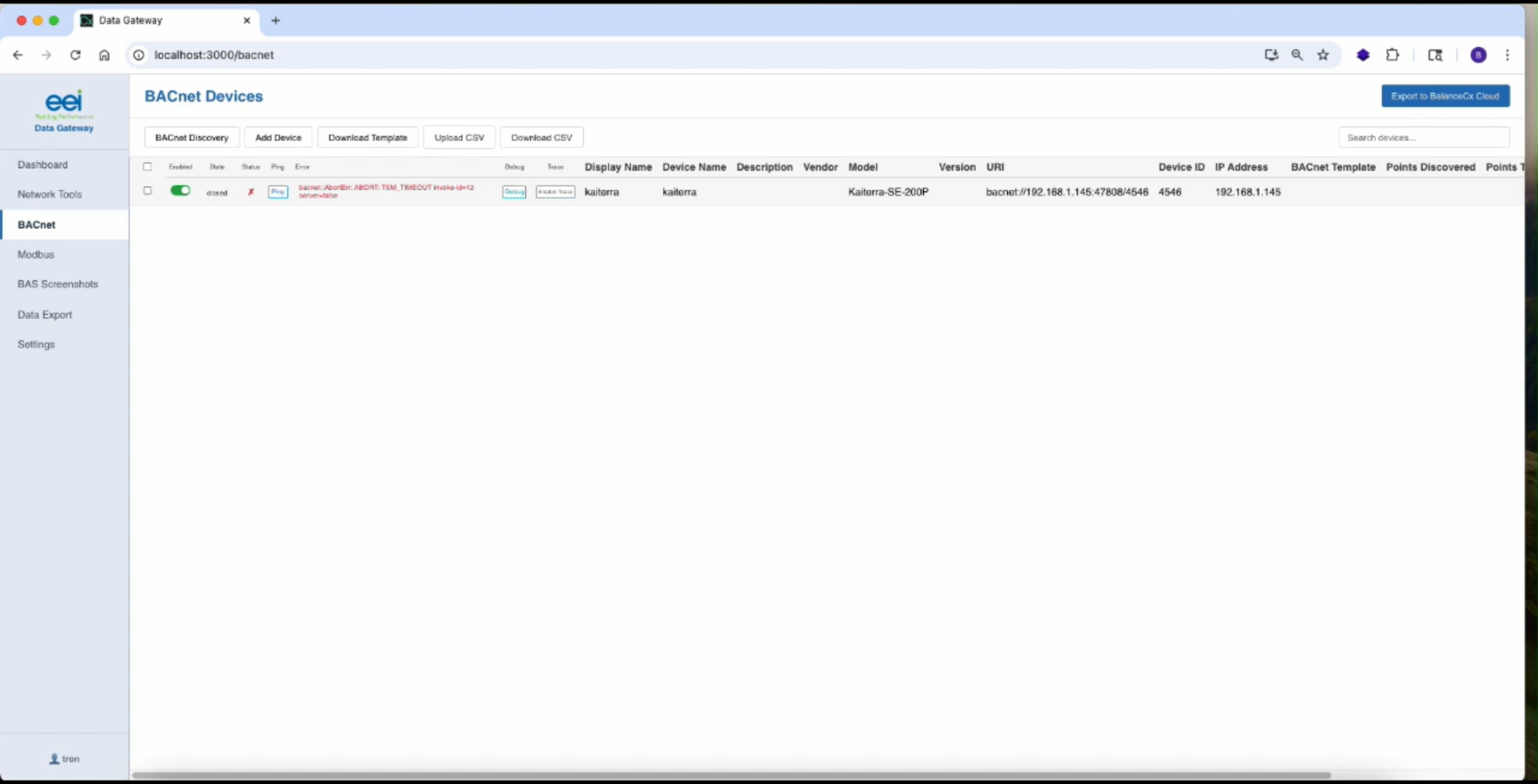
localhost:3000/user-settings
Building Performance
Data Gateway
Username:
tron
Password:
••••
Login


Data Gateway
localhost:3000/bacnet
Data Gateway
Dashboard
Network Tools
BACnet
Modbus
BAS Screenshots
Data Export
Settings
tron
BACnet Devices
Export to BalanceCx Cloud
BACnet Discovery
Add Device
Download Template
Upload CSV
Download CSV
Search devices...
Enabled
State
Status
Ping
Error
Debug
Trace
Display Name
Device Name
Description
Vendor
Model
Version
URI
Device ID
IP Address
BACnet Template
Points Discovered
closed
Ping
bacnet::AbortErr: ABORT: TSM_TIMEOUT invoke-id=12 server=false
Debug
kaiterra
kaiterra
Kaiterra-SE-200P
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4546
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Design Data Extraction with AI

- Commissioning Data
  - Mechanical Schedules
  - Controls Points Lists
  - Controls Sequence of Operations
- AI Tools
  - Gemini
  - ChatGPT
  - Abby Fine Reader

Setpoints

Design Drawings

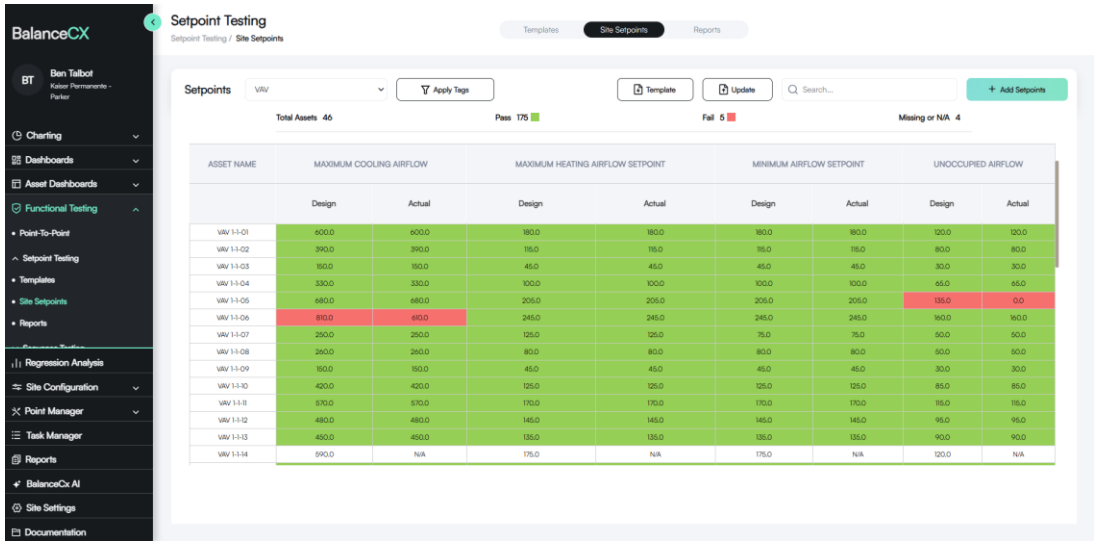
AHU-03 TERMINAL AIR BOX SCHEDULE - SINGLE DUCT HOT WATER REHEAT

VAV TAG (VAV-#)	SERVICE		INLET SIZE	BOX OUTLET SIZE	CFM			HEATING COIL							MANUFACTURER	MODEL	MIN. NUMBER OF ROWS
	ROOM NAMES	ROOM #S			COOLING MAX.	HEATING	MIN.	FLUID	EAT °F	LAT °F	EWT °F	LWT °F	SENS. CAPACITY (MBH)	GPM			
VAV-3-01	CORRIDOR A	C100	14	20x18	2590	1280	800	40% P.G.	55.0	85.0	140.0	111.8	32.7	2.50	PRICE	SDV	2
VAV-3-02	CLINICAL OFFICES STAFF TOILET ROOM HOTELING ROOM GROUP PHONE ROOM	103 103A 103C 103B	12	16x16	1820	880	625	40% P.G.	55.0	85.0		115.8	22.5	2.00	PRICE	SDV	2
VAV-3-03	TOILET ROOM CONSULT CORRIDOR	104 101 100A	6	12x8	460	225	225	40% P.G.	55.0	85.0	140.0	115.2	5.8	0.50	PRICE	SDV	2
VAV-3-04	COMFORT ROOM	102	5	12x8	210	100	75	40% P.G.	55.0	85.0	140.0	129.0	2.6	0.50	PRICE	SDV	2
VAV-3-05	CORRIDOR B	C100	10	14x12	1540	1280	475	40% P.G.	55.0	85.0	140.0	111.8	32.7	2.50	PRICE	SDV	2
VAV-3-06	QUIET LOUNGE	118	5	12x8	230	120	75	40% P.G.	55.0	85.0	140.0	126.8	3.1	0.50	PRICE	SDV	2
VAV-3-07	CORRIDOR VESTIBULE	100B 100B.1	7	12x8	560	290	175	40% P.G.	55.0	85.0	140.0	118.7	7.4	0.75	PRICE	SDV	2
VAV-3-08	CHAIR STORAGE ROOM EQUIPMENT STORAGE ROOM QUIET LOUNGE COMFORT ROOM	112 110 114 116	7	12x8	710	350	225	40% P.G.	55.0	85.0	140.0	114.3	8.9	0.75	PRICE	SDV	2
VAV-3-09	MULTIPURPOSE ROOM	117	7	12x8	640	400	400	40% P.G.	55.0	85.0	140.0	110.6	10.2	0.75	PRICE	SDV	2
VAV-3-10	GROUP THERAPY ROOM	115	5	12x8	290	150	150	40% P.G.	55.0	85.0	140.0	123.5	3.8	0.50	PRICE	SDV	2
VAV-3-11	SALLYPORT CLEAN UTILITY ROOM MECHANICAL ACCESS CORRIDOR	100.1 124 111 100	9	12x10	1140	540	400	40% P.G.	55.0	85.0	140.0	110.3	13.8	1.00	PRICE	SDV	2
VAV-3-12	SOILED UTILITY ROOM STAFF LOUNGE	120 122	6	12x8	420	225	225	40% P.G.	55.0	85.0	140.0	115.2	5.8	0.50	PRICE	SDV	2
VAV-3-13	ANTE ROOM SECLUSION ROOM SECLUSION ROOM TOILET ROOM	128 128A 128B 128C	7	12x8	600	350	350	40% P.G.	55.0	85.0	140.0	114.3	8.9	0.75	PRICE	SDV	2
VAV-3-14A	FOOD SERVICE	121	6	12x8	380	375	375	40% P.G.	55.0	85.0	140.0	112.5	9.6	0.75	PRICE	SDV	2
VAV-3-14B	DINING ROOM	123	9	12x10	1000	750	750	40% P.G.	55.0	85.0	140.0	112.5	19.2	1.50	PRICE	SDV	2
VAV-3-15	PATIENT LAUNDRY ROOM HOUSEKEEPING ROOM TOILET ROOM TOILET ROOM TOILET ROOM CORRIDOR	126 130 125 127 133 100C	9	12x10	1110	750	750	40% P.G.	55.0	85.0	140.0	112.5	19.2	1.50	PRICE	SDV	2
VAV-3-16	QUIET ACTIVITY ROOM	129	5	12x8	180	90	75	40% P.G.	55.0	85.0	140.0	130.1	2.3	0.50	PRICE	SDV	2
VAV-3-17	EXAM ROOM CHARTING ROOM MEDS ROOM	132 136 136A	7	12x8	680	475	475	40% P.G.	55.0	85.0	140.0	113.8	12.1	1.00	PRICE	SDV	2
VAV-3-18	TEAM CONFERENCE ROOM NURSE STATION CORRIDOR	136B 136B	9	12x10	1020	500	400	40% P.G.	55.0	85.0	140.0	112.5	12.8	1.00	PRICE	SDV	2
VAV-3-19	ACTIVITY ROOM CORRIDOR	140 140A	9	12x10	1240	560	500	40% P.G.	55.0	85.0	140.0	109.2	14.3	1.00	PRICE	SDV	2
VAV-3-20	QUIET LOUNGE	142	5	12x8	210	100	75	40% P.G.	55.0	85.0	140.0	129.0	2.6	0.50	PRICE	SDV	2
VAV-3-21	BEDROOM BEDROOM	144 146	6	12x8	460	300	300	40% P.G.	55.0	85.0	140.0	118.0	7.7	0.75	PRICE	SDV	2
VAV-3-22	BEDROOM TOILET ROOM	151 151A	5	12x8	320	225	225	40% P.G.	55.0	85.0	140.0	115.2	5.8	0.50	PRICE	SDV	2
VAV-3-23	HC BEDROOM BEDROOM BEDROOM BEDROOM BEDROOM	141 143 145 147 149	9	12x10	1210	775	775	40% P.G.	55.0	85.0	140.0	111.5	19.8	1.50	PRICE	SDV	2
VAV-3-24	NURSE STATION MAIN TELEPHONE AREA	134 135	10	14x12	1330	660	400	40% P.G.	55.0	85.0	140.0	115.8	16.9	1.50	PRICE	SDV	2
VAV-3-25	ACTIVITY ROOM CORRIDOR	160 160A	8	12x10	900	440	425	40% P.G.	55.0	85.0	140.0	115.8	11.2	1.00	PRICE	SDV	2
VAV-3-26	QUIET LOUNGE	162	5	12x8	210	100	75	40% P.G.	55.0	85.0	140.0	129.0	2.6	0.50	PRICE	SDV	2
VAV-3-27	BEDROOM BEDROOM	164 166	6	12x8	460	300	300	40% P.G.	55.0	85.0	140.0	118.0	7.7	0.75	PRICE	SDV	2
VAV-3-28A	HC BEDROOM BEDROOM BEDROOM BEDROOM BEDROOM	161 163 165 167 169	9	12x10	1100	775	775	40% P.G.	55.0	85.0	140.0	111.5	19.8	1.50	PRICE	SDV	2
VAV-3-28B	BEDROOM TOILET ROOM	171 171A	5	12x8	300	225	225	40% P.G.	55.0	85.0	140.0	115.2	5.8	0.50	PRICE	SDV	2
VAV-3-29	ACTIVITY ROOM CORRIDOR	180 180A	9	12x10	1110	540	475	40% P.G.	55.0	85.0	140.0	110.3	13.8	1.00	PRICE	SDV	2
VAV-3-30	QUIET LOUNGE	182	5	12x8	210	100	75	40% P.G.	55.0	85.0	140.0	129.0	2.6	0.50	PRICE	SDV	2
VAV-3-31	BEDROOM BEDROOM	184 186	6	12x8	460	300	300	40% P.G.	55.0	85.0	140.0	118.0	7.7	0.75	PRICE	SDV	2
VAV-3-32	HC BEDROOM BEDROOM BEDROOM BEDROOM BEDROOM BEDROOM	181 183 185 187 189 191	10	14x12	1470	950	950	40% P.G.	55.0	85.0	140.0	113.8	24.3	2.00	PRICE	SDV	2
VAV-3-33	CHAPEL CORRIDOR	640 C600B	12	16x16	1910	875	875	40% P.G.	55.0	55.0	140.0	115.9	0.0	2.00	PRICE	SDV	2
VAV-3-34	OFFICE	644	5	12x8	200	90	75	40% P.G.	55.0	85.0	140.0	130.1	2.3	0.50	PRICE	SDV	2
VAV-3-35	ADL KITCHEN SALON QUIET/COMFORT CORRIDOR CORRIDOR	646 648 650 C600C C600D	16	26x18	4125	1910	1550	40% P.G.	55.0	85.0	140.0	113.7	48.8	4.00	PRICE	SDV	2
VAV-3-7A	ELECTRICAL ROOM	113	5	12x8	325	COOLING ONLY	100	-	-	-	-	-	-	-	PRICE	SDV	COOLING ONLY
VAV-3-36	MECHANICAL EQUIP. PLATFORM	AREA C	12	16x16	2050	1010	625	40% P.G.	55.0	85.0	140.0	112.2	25.8	2.00	PRICE	SDV	2

NOTES: (ALL NOTES APPLY)

A. NEITHER RADIATED NOR DISCHARGE SOUND LEVELS SHALL EXCEED NC 35 AT 1.5" INLET STATIC PRESSURE WHEN TESTED PER ARI STANDARD 885-98 USING 5/8" 20-LB DENSITY MINERAL FIBER CEILING TILE.

Digital Validation



Points & Sequences

Controls Submittal

TERMINAL BOX WITH REHEAT POINTS LIST

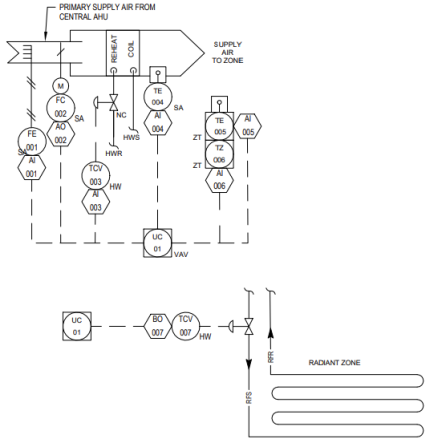
TAG	DESCRIPTION	GRAPHIC	DEFAULT VALUE	HARDWARE POINTS				SOFTWARE POINTS				ALARMS					DEVICE	REMARKS
				AI	AO	BI	BO	AV	BV	SCHEDULE	TREND	HIGH LIMIT	LOW LIMIT	DEVICE FAIL	COM FAIL	SMOKE		
FE001	SA AIRFLOW	X		X				X									AVERAGING PITOT TUBE SENSOR	
FC002	DAMPER POSITION	X			X			X									MOTORIZED DAMPER ACTUATOR	
TCV003	HW CV POSITION	X			X			X									CONTROL VALVE ACTUATOR	
TE004	SA TEMPERATURE	X	55 DEG F	X				X				X	X				RTD	
TE005	ZONE TEMPERATURE SENSOR	X	72 DEG F	X				X			X	X	X				ZONE THERMOSTAT	
TZ006	ZONE TEMPERATURE ADJUST	X		X				X									OCCUPANT ADJUST ON ZONE THERMOSTAT	
TCV007	RADIANT FLOORING VALVE	X					X		X								VALVE ACTUATOR	

GENERAL NOTES:

1. PROVIDE FACTORY MOUNTED ELECTRONIC CONTROLS FOR STANDALONE TERMINAL BOX OPERATION.

REMARK NOTES:

A. THERMOSTAT SHALL BE PROVIDED WITH OCCUPANT ADJUSTMENT CAPABILITY.



OPERATIONAL INTENT FOR TERMINAL UNIT WITH REHEAT AND RADIANT FLOORING

SYSTEM DESCRIPTION

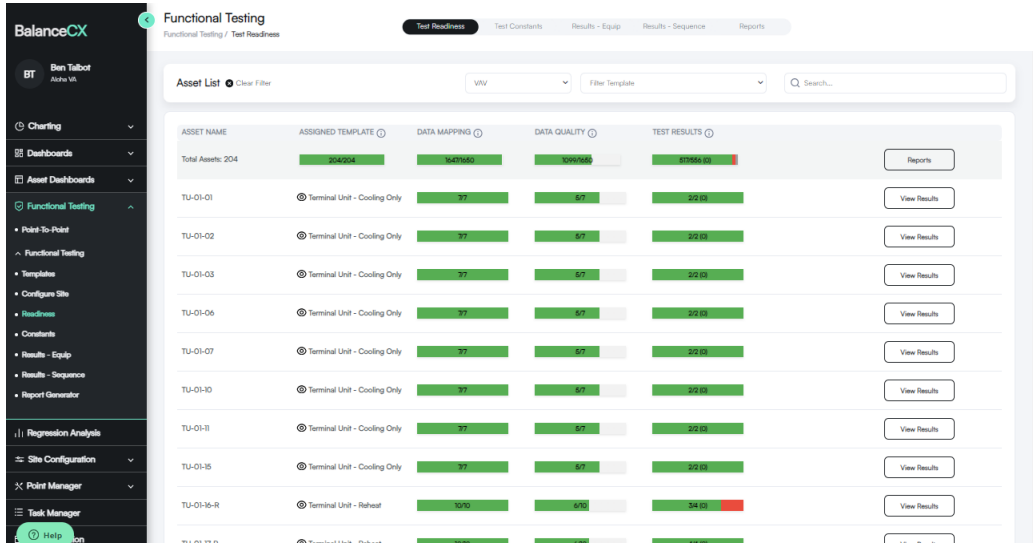
The system consists of a thermal control zone with embedded radiant heating tubing in the floor and a manufacturer's packaged terminal air unit with hyrdonic reheat coil, complete with factory mounted and wired electronic controls and return duct space temperature sensor. Setpoint adjust shall be available via the front end only. Unit shall include leaving air temperature sensor, integral flow (CFM) sensing device, and air control damper. The radiant heating system shall be utilized to offset envelope heat loss. Reheat of the VAV terminal unit is provided only to prevent over-cooling when space heat gain does not meet minimum required ventilation rate. VAV terminal unit is not intended to provide supplemental heat to the radiant system.

OPERATION

Heating - Radiant floor shall be utilized to provide heating to the space. Upon a drop in space temperature below setpoint minus differential (ie 2 deg F), open control valve of the radiant floor heat zone associated with VAV terminal unit. Upon rise in radiant floor temperature to within 1 deg (adj) of space temperature setpoint close control valve of the radiant floor heat zone associated with VAV terminal unit. Differentials of radiant zone active/inactive shall be tuned during startup/commission phase to eliminate overshoot after slab heat valve is closed. During heating mode, the VAV terminal unit shall be position at minimum CFM ventilation rate and provide neutral supply air temperature to the space. Modulate reheat valve as necessary to achieve neutral discharge air temperature.

Cooling - Upon rise in space temperature from setpoint to above setpoint. Reheat valve shall be modulated closed to reduce supply air temperature from neutral to AHU discharge temperature. Upon continued rise in space temperature above setpoint plus differential (ie 2 deg F), increase air flow setpoint (target CFM) for terminal unit, and open control damper accordingly to provide target CFM.

Controls Readiness Dashboard



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Tools

price

Tag	Max Primary (CFM)	Min Primary (CFM)	Reheat (CFM)	Inlet	* Max Disc NC 2008	* Max Rad NC 2008	EAT (°F)	LAT (°F)	EC Capacity (kW)	Volts	MOCP	MCA	Weight (lbs)
VAV 1-1-01	600	180	180	8	20 (3)	–	55	86	1.5	277-1	15	7.4	42
VAV 1-1-02	330	110	110	6	20 (3)	20 (4)	55	87	1.0	277-1	15	4.5	38
VAV 1-1-03	150	60	60	6	–	–	55	83	0.5	277-1	15	3.5	38
VAV 1-1-04	410	125	125	8	–	–	55	94	1.0	277-1	15	4.5	42
VAV 1-1-05	680	205	205	8	21 (3)	20 (2)	55	82	1.5	277-1	15	7.4	42
VAV 1-1-06	810	245	245	10	–	–	55	78	1.5	277-1	15	7.4	53
VAV 1-1-07	230	75	120	6	21 (3)	–	55	84	1.0	277-1	15	4.5	38
VAV 1-1-08	330	100	105	6	21 (3)	20 (3)	55	90	1.0	277-1	15	4.5	38
VAV 1-1-09	150	65	65	6	–	–	55	83	0.5	277-1	15	3.5	38
VAV 1-1-10	420	125	125	8	–	–	55	84	1.0	277-1	15	4.5	42
VAV 1-1-11	370	170	170	8	–	–	55	77	1.0	277-1	15	4.5	42
VAV 1-1-12	480	140	140	8	–	–	55	88	1.0	277-1	15	4.5	42
VAV 1-1-13	450	135	135	8	–	–	55	82	1.0	277-1	15	4.5	42
VAV 1-1-14	590	175	175	8	20 (3)	–	55	76	1.0	277-1	15	4.5	42
VAV 1-1-15	200	60	60	6	–	–	55	83	0.5	277-1	15	3.5	38
VAV 1-1-16	740	220	220	10	–	–	55	80	1.5	277-1	15	7.4	53
VAV 1-1-17	460	135	135	8	–	–	55	96	1.5	277-1	15	7.4	42
VAV 1-1-18	220	65	65	6	–	–	55	84	0.5	277-1	15	3.5	38
VAV 1-1-19	200	65	65	6	–	–	55	83	0.5	277-1	15	3.5	38
VAV 1-1-20	1010	305	505	12	–	–	55	91	5.0	480-3	15	8.2	59
VAV 1-1-21	730	210	550	8	21 (3)	25 (2)	55	93	5.5	480-3	15	5.7	42
VAV 1-1-22	112	65	65	6	–	–	55	83	0.5	277-1	15	3.5	38
VAV 1-1-23	330	160	160	8	–	–	55	90	1.5	277-1	15	7.4	42
VAV 1-1-24	510	155	155	8	–	–	55	91	1.5	277-1	15	7.4	42
VAV 1-1-25	510	155	155	8	–	–	55	91	1.5	277-1	15	7.4	42
VAV 1-1-26	1400	430	430	14	–	–	55	89	4.0	480-3	15	6.6	71
VAV 2-1-01	375	110	110	6	21 (3)	23 (2)	55	98	1.0	277-1	15	4.5	68
VAV 2-1-02	530	150	150	8	–	–	55	92	1.5	277-1	15	7.4	42
VAV 2-1-03	605	180	180	8	20 (3)	–	55	86	1.5	277-1	15	7.4	42
VAV 2-1-04	2800	575	575	16	–	10 (4)	55	58	0.5	277-1	15	3.5	81
VAV 2-1-05	640	190	190	8	21 (3)	–	55	74	1.0	277-1	15	4.5	42
VAV 2-1-06	320	95	95	6	19 (3)	–	55	74	0.5	277-1	15	3.5	38
VAV 2-1-07	230	75	75	6	21 (3)	–	55	80	0.5	277-1	15	3.5	38
VAV 2-1-08	120	60	60	6	–	–	55	83	0.5	277-1	15	3.5	38
VAV 2-1-09	820	245	245	10	–	–	55	78	1.5	277-1	15	7.4	53
VAV 2-1-10	500	150	150	8	–	–	55	92	1.5	277-1	15	7.4	42
VAV 2-1-11	1250	375	625	12	–	–	55	90	6.0	480-3	15	9.8	59
VAV 2-1-12	500	150	350	8	–	–	55	92	3.5	277-1	15	18.4	42
VAV 2-1-13	1500	450	750	14	–	–	55	89	7.0	480-3	15	11.5	71
VAV 2-1-14	140	65	65	6	–	–	55	83	0.5	277-1	15	3.5	38
VAV 2-1-15	190	65	65	6	–	–	55	83	0.5	277-1	15	3.5	38
VAV 2-1-16	510	155	150	8	–	–	55	78	1.0	277-1	15	4.5	42
VAV 2-1-17	740	220	220	10	–	–	55	80	1.5	277-1	15	7.4	53
VAV 2-1-18	275	80	80	6	21 (3)	–	55	78	0.5	277-1	15	3.5	38
VAV 2-1-19	230	65	65	6	19 (3)	–	55	77	0.5	277-1	15	3.5	38
VAV 2-1-20	1400	430	430	14	–	–	55	76	2.5	277-1	15	12.3	71
Totals	26570	7870	8510	376					80				

Altitude = 5,287'

Minimum CFM Required per Inlet

1. Dashes (—) indicate NC values less than 20.
2. Sound power levels are given in decibels (dB).
3. "** Discharge sound power levels 2008" do not include duct end reflection. For the most current data based on ASHRAE Standard 130-2008 and AHRI Standard 880-2011 reference "Discharge sound power levels."
4. Dashes (—) indicate sound power levels below 39-29-28-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. Airflow is given in cubic feet per minute (cfm).
7. Air pressure drop is given in inches water gauge (in. w.g.), and water pressure drop is given in feet of water gauge (ft. w.g.).
8. * NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2008 and AHRI Standard 880-2008.

These values are NOT the most current method for estimating NC values because AHRI 880-2008 does not include duct end reflection corrections.

Operations

- Energy Efficiency Measure Generator (Chat GPT)
- Using AI to make sense of sensor data (BalanceCx with Chat GPT)

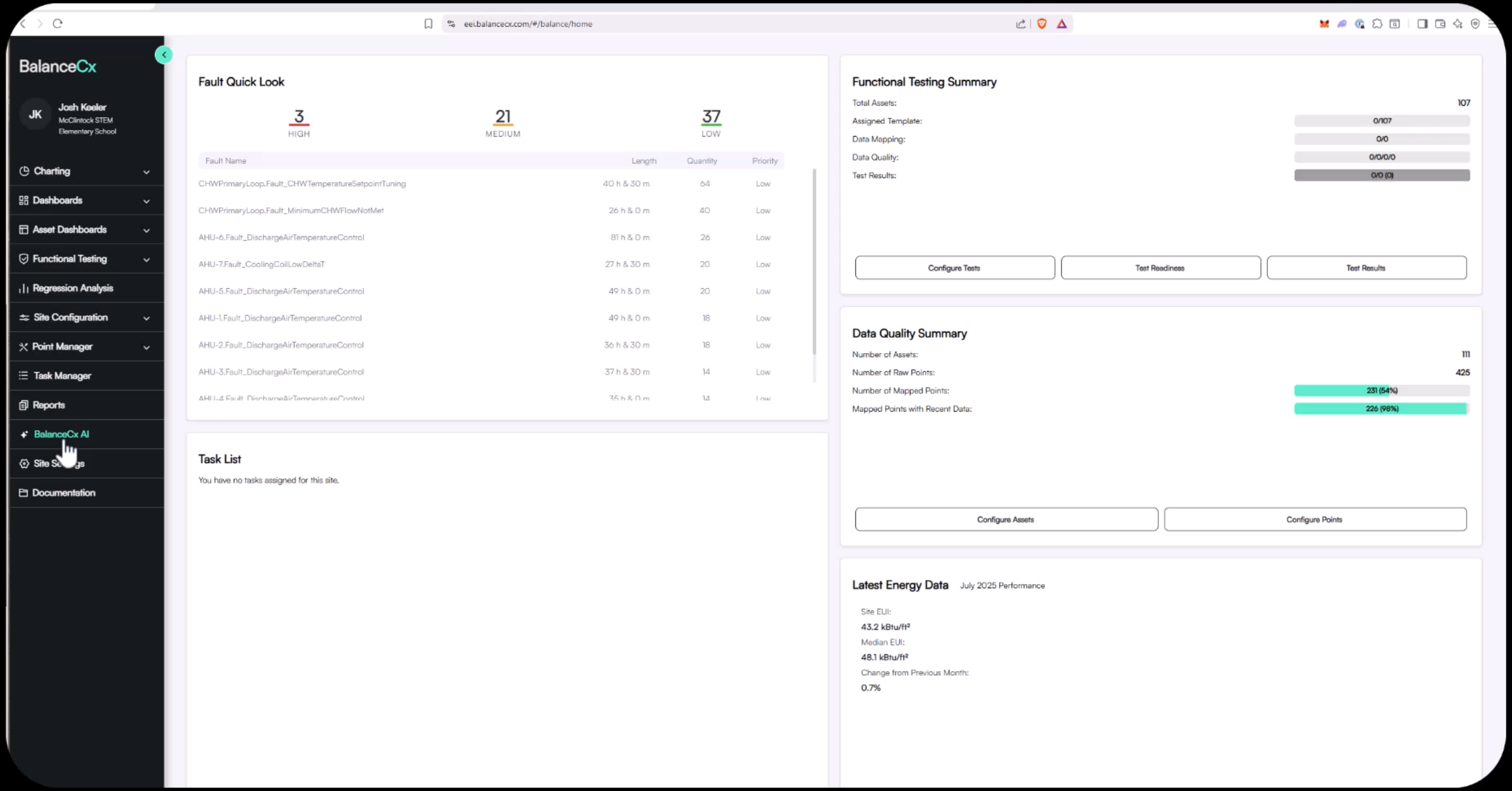
Energy Efficiency Measure Generator

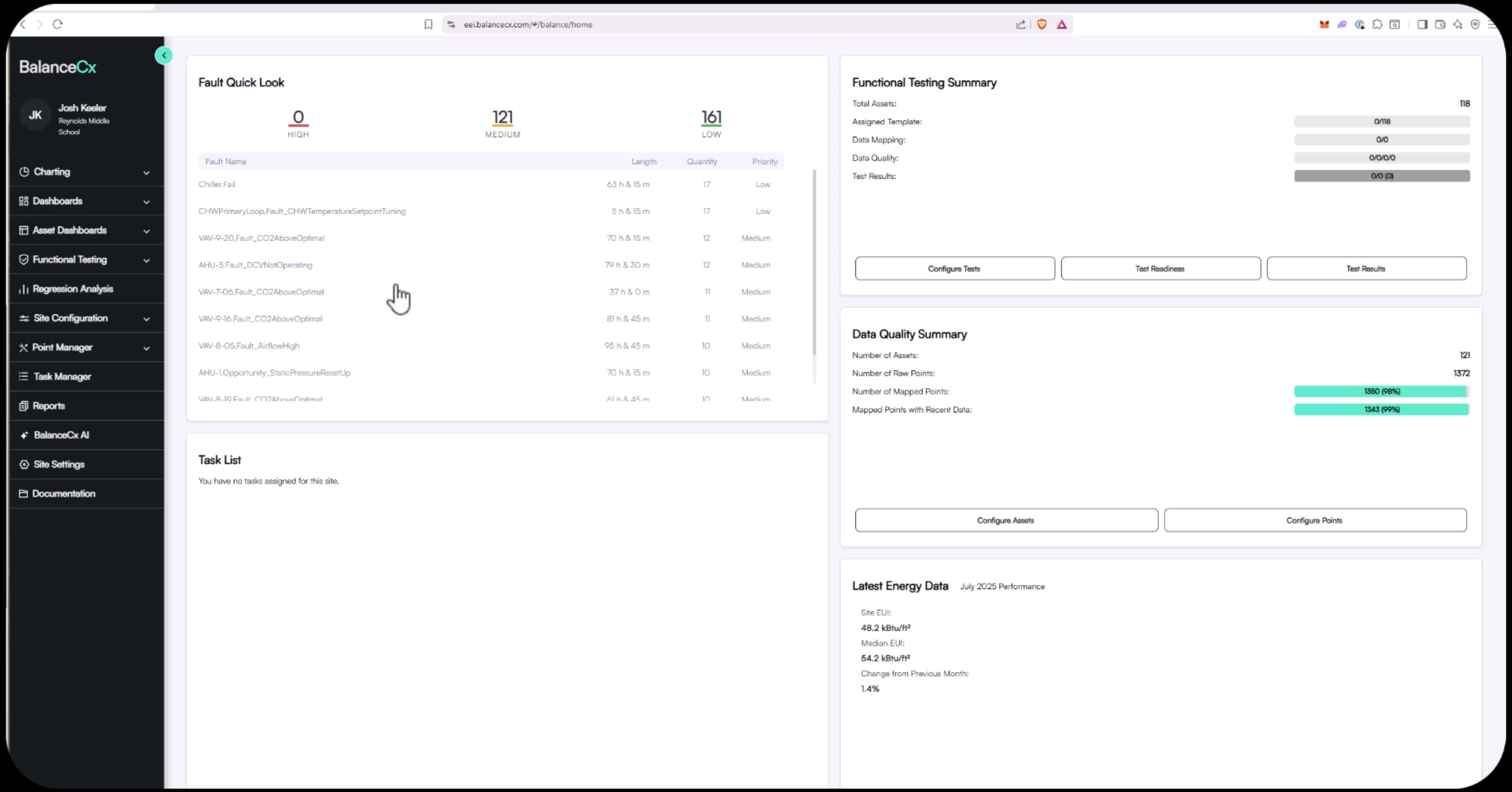
By Ben Talbot

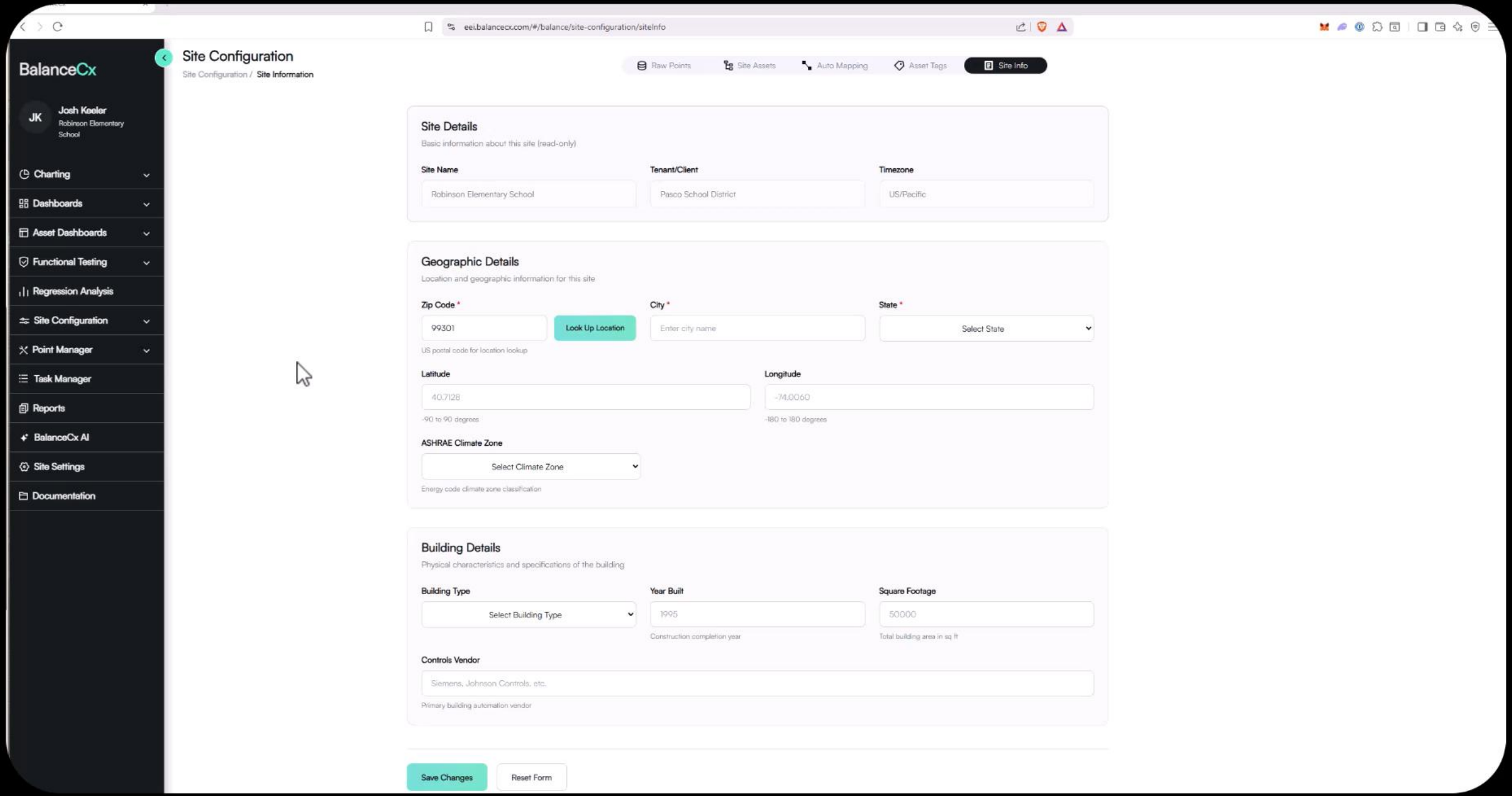
Upload information about HVAC equipment, and get a variety of improvement recommendations that range from capital upgrade options, to sequence of operations recommendations, to current alarms or faults.

AHU-1 (1).csv
Spreadsheet

Electrical Phase 3 ph
Electrical Voltage 460 V
Heating Capacity 347000 BTU/hr
Heating Coil Flow 37.4 gpm
Manufacturer Trane Show Sources
Model Number CSAA030 Show Sources
Relief Motor Horsepower 5 hp
Supply Motor Horsepower 1 hp
Year Installed 2020 Show Sources


eei.balancecx.com/#/balance/home
BalanceCx
JK
Josh Keeler
McClintock STEM Elementary School
Charting
Dashboards
Asset Dashboards
Functional Testing
Regression Analysis
Site Configuration
Point Manager
Task Manager
Reports
BalanceCx AI
Site Settings
Documentation
Fault Quick Look
3
HIGH
21
MEDIUM
37
LOW
Fault Name
Length
Quantity
Priority
CHWPrimaryLoop.Fault_CHWTemperatureSetpointTuning
40 h & 30 m
64
Low
CHWPrimaryLoop.Fault_MinimumCHWFlowNotMet
26 h & 0 m
40
Low
AHU-6.Fault_DischargeAirTemperatureControl
81 h & 0 m
26
Low
AHU-7.Fault_CoolingCoilLowDeltaT
27 h & 30 m
20
Low
AHU-5.Fault_DischargeAirTemperatureControl
49 h & 0 m
20
Low
AHU-1.Fault_DischargeAirTemperatureControl
49 h & 0 m
18
Low
AHU-2.Fault_DischargeAirTemperatureControl
36 h & 30 m
18
Low
AHU-3.Fault_DischargeAirTemperatureControl
37 h & 30 m
14
Low
Task List
You have no tasks assigned for this site.
Functional Testing Summary
Total Assets:
107
Assigned Template:
0/107
Data Mapping:
0/0
Data Quality:
0/0/0/0
Test Results:
0/0 (0)
Configure Tests
Test Readiness
Test Results
Data Quality Summary
Number of Assets:
111
Number of Raw Points:
425
Number of Mapped Points:
231 (54%)
Mapped Points with Recent Data:
226 (98%)
Configure Assets
Configure Points
Latest Energy Data
July 2025 Performance
Site EUI:
43.2 kBtu/ft²
Median EUI:
48.1 kBtu/ft²
Change from Previous Month:
0.7%


eei.balancecx.com/#/balance/home
BalanceCx
JK
Josh Keeler
Reynolds Middle School
Charting
Dashboards
Asset Dashboards
Functional Testing
Regression Analysis
Site Configuration
Point Manager
Task Manager
Reports
BalanceCx AI
Site Settings
Documentation
Fault Quick Look
0
HIGH
121
MEDIUM
161
LOW
Fault Name
Length
Quantity
Priority
Chiller.Fail
63 h & 15 m
17
Low
CHWPrimaryLoop.Fault_CHWTemperatureSetpointTuning
5 h & 15 m
17
Low
VAV-9-20.Fault_CO2AboveOptimal
70 h & 15 m
12
Medium
AHU-5.Fault_DCVNotOperating
79 h & 30 m
12
Medium
VAV-7-06.Fault_CO2AboveOptimal
37 h & 0 m
11
Medium
VAV-9-16.Fault_CO2AboveOptimal
81 h & 45 m
11
Medium
VAV-8-05.Fault_AirflowHigh
95 h & 45 m
10
Medium
AHU-1.Opportunity_StaticPressureResetUp
70 h & 15 m
10
Medium
Task List
You have no tasks assigned for this site.
Functional Testing Summary
Total Assets:
118
Assigned Template:
0/118
Data Mapping:
0/0
Data Quality:
0/0/0/0
Test Results:
0/0 (0)
Configure Tests
Test Readiness
Test Results
Data Quality Summary
Number of Assets:
121
Number of Raw Points:
1372
Number of Mapped Points:
1350 (98%)
Mapped Points with Recent Data:
1343 (99%)
Configure Assets
Configure Points
Latest Energy Data
July 2025 Performance
Site EUI:
48.2 kBtu/ft²
Median EUI:
54.2 kBtu/ft²
Change from Previous Month:
1.4%


eei.balancecx.com/#/balance/site-configuration/siteInfo
BalanceCx
JK
Josh Keeler
Robinson Elementary School
Charting
Dashboards
Asset Dashboards
Functional Testing
Regression Analysis
Site Configuration
Point Manager
Task Manager
Reports
BalanceCx AI
Site Settings
Documentation
Site Configuration
Site Configuration / Site Information
Raw Points
Site Assets
Auto Mapping
Asset Tags
Site Info
Site Details
Basic information about this site (read-only)
Site Name
Robinson Elementary School
Tenant/Client
Pasco School District
Timezone
US/Pacific
Geographic Details
Location and geographic information for this site
Zip Code *
99301
Look Up Location
US postal code for location lookup
City *
Enter city name
State *
Select State
Latitude
40.7128
-90 to 90 degrees
Longitude
-74.0060
-180 to 180 degrees
ASHRAE Climate Zone
Select Climate Zone
Energy code climate zone classification
Building Details
Physical characteristics and specifications of the building
Building Type
Select Building Type
Year Built
1995
Construction completion year
Square Footage
50000
Total building area in sq ft
Controls Vendor
Siemens, Johnson Controls, etc.
Primary building automation vendor
Save Changes
Reset Form


Building Performance
EEIBuildingPerformance.com