



**POINT NAMING CONVENTIONS**

1. ALL POINT NAMES, INCLUDING DISPLAY NAMES, REFERENCE NAMES, AND BACNET OBJECT NAMES, SHALL USE A COMBINATION OF THE LVA STANDARD ABBREVIATIONS WITH A DASH (-) SEPARATING THE ABBREVIATIONS. FOR EXAMPLE, A SUPPLY AIR TEMPERATURE SENSOR WOULD BE INDICATED AS SA-T (SEE THE "BAS POINT NAME CONVENTION" REFERENCE DOCUMENT FOR ADDITIONAL INFORMATION ABOUT THE POINT NAMING STANDARDS, WHICH IS AVAILABLE UPON REQUEST FROM LVA AUTOMATION SERVICES). ALL FULLY QUALIFIED OBJECT NAME, WHERE APPLICABLE, SHALL INCLUDE THE RESPECTIVE BUILDING NUMBER, CONTROLLER IDENTIFICATION, AND APPROPRIATE POINT ABBREVIATION SEPARATED BY A PERIOD. FOR EXAMPLE, "0001.VAV-01.SA-T" WOULD REPRESENT A SUPPLY AIR TEMPERATURE ASSOCIATED WITH VARIABLE AIR VOLUME CONTROLLER NUMBER 01 IN BUILDING NUMBER 0001.
2. THE DETAILS/DESCRIPTION FIELD, WHERE APPLICABLE, SHALL CONTAIN FLOOR, ROOM, AND ASSOCIATED COOLING/HEATING SOURCE IN THAT ORDER. FOR EXAMPLE, ROOM ZONE TEMPERATURE - "FLR 3 - RM 321 : AHU-06" THIS WOULD INDICATE THE LOCATION OF THE POINT AND ITS RESPECTIVE HEATING/COOLING SOURCE, WHICH IS AIR HANDLER 06.
3. WHEN POINTS ARE OBSERVED AT A SYSTEM LEVEL, A FULLY QUALIFIED REFERENCE NAME SHALL BE USED, INCLUDING BUILDING NUMBER, EQUIPMENT NAME AND POINT DESCRIPTORS. EX. 0221.AHJ1.SA-T
4. ALL POINTS SHALL CONTAIN A PREFIX DESCRIBING THE SYSTEM THEY SERVICE (CHWS, HWS, AHU, EF, ETC), HOWEVER, THE PREFIX MAY BE DROPPED WHEN THE POINTS ARE OBSERVED AT THE EQUIPMENT LEVEL UNDERNEATH A SYSTEM HEADER.
5. IF A SPECIFIC POINT IS NOT LISTED IN THIS DOCUMENT, BEST JUDGEMENT SHALL BE USED TO IMPLEMENT AN ACRONYM THAT IS GENERALLY REPRESENTATIVE OF THE INDUSTRY STANDARD DESCRIPTION. DUPLICATE ACRONYMS SHOULD BE AVOIDED. HOWEVER, DUPLICATES ARE ACCEPTABLE IN INSTANCES WHERE CONTEXT IS DEFINED AND THE NON-DUPLICATE ALTERNATIVE WOULD BE UNCLEAR.

**GENERAL**

Acronym	Description
AVG	Average
C	Command (Binary Output)
EFF	Effective
ELV	Elevator
ENA	Enable
FB	Feedback
H2O	Water
MAX	Maximum
MIN	Minimum
O	Output (Analog Output)
OCC	Occupancy
OCCS	Occupancy Sensor
OVR	Override
SPD	Speed
STPT	Setpoint
STPT	Setpoint
STS	Status
SW	Switch
UNOCC	Unoccupied
WIN	Window Switch
ZN	Zone

**WATER-SIDE**

Acronym	Description
BLDG	Building
BLR	Boiler
BROG	Bridge
BYP	Bypass
CBCHW	Chilled Beam Chilled Water
CHL	Chiller
CHW	Chilled Water
CRW	Condensate Recovery Water
CW	Condenser Water
DOM	Domestic (Prefix - assign temp after)
DP	Differential Pressure
DTW	Dual-Temp (legacy only)
EOL	End-of-Line
F	Flow
GLY	Glycol
HRC	Heat Recovery
HX	Heat Exchanger
IRR	Irrigation
LTHW	Low Temperature Hot Water
LVL	Level
MTHW	Medium Temperature Hot Water
MU	Make-up
P	Pump (Used as suffix with system descriptor and pump number, example HWP1)
P	Gauge Pressure (must be hyphenated, for example HW-P)
PCHW	Process Chilled Water
PR1	Primary
R	Return
RADHW	Radiant Loop Hot Water
RWH	Rain Water Harvesting
S	Supply
SEC	Secondary
SMHW	Snow Melt Hot Water
STM	Steam
STRNR	Strainer
SUMP	Sump
T	Temperature
TCHW	Tempered Chilled Water
TER	Tertiary
THW	Tempered Hot Water
TK	Tank
V	Valve

**AIR-SIDE**

Acronym	Description
AHU	Air Handling Unit (w/Return Air)
BCU	Blower Coil Unit
BSP	Building Static Pressure
BYP	Bypass
C	Coil (Suffix Only, used in conjunction with coil descriptor, PHC/CHWC/RHC/RARC)
CHB	Chilled Beam
CHW	Chilled Water
CO2	Carbon Dioxide
COND	Condensate
CP	Coil/Circulation Pump
D	Damper
DA	Discharge Air (Coil or Terminal Equipment)
DDSP	Down Duct Static Pressure
DOAS	Dedicated Outside Air System
DP	Differential Pressure
DSW	Dessicant Wheel
DWPT	Dew Point
DX	Direct Expansion (Refrigerant)
EA	Exhaust Air
ECON	Economizer (only for physically linked dampers - legacy only)
EF	Exhaust Fan
ER	Energy Recovery Unit
ERU	Energy Recovery Ventilator
ERV	Energy Recovery Ventilator
ERW	Energy Recovery Wheel
F	Flow
FACE	Face (legacy only)
FCU	Fan Coil Unit
FF	Final Filter
FILT	Filter
FN	Fan (If Single-Fan System)
FPIU	Fan-Powered Induction Unit
FPVAV	Fan-Powered VAV
FRZ	Freeze-stat
FTR	Radiator
GEX	General Exhaust Air
H	Humidity
HD/CD	Hot Deck/Cold Deck (legacy only)
HOOD	Hood Air
HSS	High Static Switch
HUM	Humidifier
HW	Hot Water
LEAK	Water/Leak Detector
LESS	Low Static Switch
MAU	Make-up Air Unit
OA	Outside Air
OVF	Overflow
PAN	Pan
PF	Pre-Filter
PH	Preheat
PM25	Particulate Matter 2.5
RA	Return Air
RAR	Runaround
RELA	Relief Air
RF	Return Fan
RH	Reheat
RH	Relative Humidity
RLF	Relief Fan
ROPE	Rope Leak Detection Sensor
SA	Supply Air (Pre-terminal, Parent Equipment)
SEW	Sensible Energy Wheel
SF	Supply Fan
SMK	Smoke
SP	Static Pressure
SUMP	Sump
T	Temperature
TEW	Total Energy Wheel
UH	Unit Heater
VAV	Variable Air Volume Box (add prefix for air source, where necessary)
VEL	Velocity
VOC	Volatile Organic Compound
VP	Velocity Pressure
ZD	Zone Damper