


Drawing name: K:\A\A000234 580 Booth Controls\400\440\A000234-M01 legend.dwg Oct 01, 2013 -- 10:58am

POINTS LEGEND	
AI	Analog input
AO	Analog output
BI	Binary input
BO	Binary output
BPV	By-Pass Valve
CCCV	Cooling Coil Control Valve
CH1LD	Chiller #1 Load
CH1SS	Chiller #1 Start/Stop
CH1&2RT	Cooling Towers #1&2 Return Temperature
CH1AL	Chiller #1 Alarm
CH1CHWDP	Chiller #1 Differential Pressure
CH1CHWST	Chiller #1 Supply Water Temperature
CH1DP	Chiller #1 Water Differencial Pressure
CH1EWT	Chiller #1 Entering Water Temperature
CH1EWT	Chiller #1 Entering Water Temperature
CH1LWT	Chiller #1 Leaving Water Temperature
CH1RCV	Chiller #1 Return Control Valve
CH1RCVST	Chiller #1 Return Control Valve Status
CH1RST	Chiller #1 Re-Set Temperature
CH1ST	Chiller #1 Status
CH2AL	Chiller #2 Alarm
CH2FB	Chiller #2 Feedback
CH2FRV	Chiller #2 Freon Releif Valve
CH2LD	Chiller #2 Load
CH2LWT	Chiller #2 Leaving Water Temperature
CH2RCV	Chiller #2 Return Control Valve
CH2RCVST	Chiller #2 Return Control Valve Status
CH2RST	Chiller #2 Re-Set Temperature
CH2SS	Chiller #2 Start/Stop
CH2ST	Chiller #2 Status
CHWRFM	Chilled Water Return Flow Meter
CHWRT	Chilled Water Return Temperature
CHWST	Chilled Water Supply Temperature
CT1&2ST	Cooling Tower #1&2 Supply Temperature
CT1C1AL	Cooling Tower #1 Cell #1 Alarm
CT1C1FB	Cooling Tower #1 Cell #1 Feedback
CT1C1RCV	Cooling Tower #1 Cell #1 Return Control Valve
CT1C1SS	Cooling Tower #1 Cell #1 Start/Stop
CT1C1VFD	Cooling Tower #1 Cell #1 VFD
CT1C2AL	Cooling Tower #1 Cell #2 Alarm
CT1C2FB	Cooling Tower #1 Cell #2 Feedback
CT1C2RCV	Cooling Tower #1 Cell #2 Return Control Valve
CT1C2SS	Cooling Tower #1 Cell #2 Start/Stop
CT1C2VFD	Cooling Tower #1 Cell #2 VFD
CT1RCV	Cooling Tower #1 Return Control Valve
CT1SCV	Cooling Tower #1 Supply Control Valve
CT1ST	Cooling Tower #2 Supply Temperature
CT2C1&2SS	Cooling Tower #2 Cell #1&2 Start/Stop
CT2C1ST	Cooling Tower #2 Cell #1 Status
CT2C2ST	Cooling Tower #2 Cell #2 Status
CT2RCV	Cooling Tower #2 Return Control Valve
CT2ST	Cooling Tower #1 Supply Temperature
CU1SS	Condensing Unit #1 Start/Stop
CU1ST	Condensing Unit #1 Status
CU2SS	Condensing Unit #2 Start/Stop


CU2ST	Condensing Unit #2 Status
CUHHCCV	Cabinet Unit Heater Heating Coil Control Valve
CUHSS	Cabinet Unit Heater Start/Stop
CUHST	Cabinet Unit Heater Status
DSP	Duct Static Pressure
EAMD1	Exhaust Air Motorized Damper #1
EAMD2	Exhaust Air Motorized Damper #2
EAMD2ST	Exhaust Air Motorized Damper #2 Status
EAMD3ST	Exhaust Air Motorized Damper #3 Status
EFIV	Exhaust Fan Inlet Vanes
EFMD	Exhaust Fan Motorized Damper
EFSS	Exhaust Fan Start/Stop
EFST	Exhaust Fan Status
EHCM	Electric Heating Coil Modulating
EHCST	Electric Heating Coil Status
FDP	Filter Differential Pressure
FRAFS	Floor Return Air Flow Station
FRAMD	Floor Return Air Motorized Damper
FS	Flow Station
FZ	Freezestat
GPSS	Glycol Pump Start/Stop
GPST	Glycol Pump Status
HCCV	Heating Coil Control Valve
HCHECV	Heating Coil Heat Exchanger Control Valve
HECV	Heat Exchanger Control Valve
HUMCV	Humidifier Control Valve
HUMM	Humidifier Modulation
HWRT	Heating Water Return Temperature
LCCAT	Leaving Cooling Coil Air Temperature
LHCAT	Leaving Heating Coil Air Temperature
MAD	Motorized Air Dampers
MAT	Mixed Air Temperature
OAMD	Outside Air Motorized Damper
OAMDST	Outside Air Motorized Damper Status
OAT	Outside Air Temperature
P3SS	Pump P-03 Start/Stop
P3ST	Pump P-03 Status
P1AL	Pump P-01 Alarm
P1FB	Pump P-01 Feedback
P1SS	Pump P-01 Start/Stop
P1ST	Pump P-01 Status
P1VFD	Pump P-01 VFD
P2AL	Pump P-02 Alarm
P2FB	Pump P-02 Feedback
P2SS	Pump P-02 Start/Stop
P2ST	Pump P-02 Status
P2VFD	Pump P-02 VFD
P3AL	Pump P-03 Alarm
P3FB	Pump P-03 Feedback
P3SS	Pump P-03 Start/Stop
P3VFD	Pump P-03 VFD
P4AL	Pump P-04 Alarm
P4FB	Pump P-04 Feedback
P4SS	Pump P-04 Start/Stop
P4VFD	Pump P-04 VFD
PSS	Pump Start/Stop


PST	Pump Status
RACO2	Return Air CO2
RADERWCV	Radiators East Return Water Control Valve
RADERWP	Radiators East Return Water Pressure
RADSWCV	Radiators Supply Water Control Valve
RADSWT	Radiators Supply Water Temperature
RADWRWCV	Radiators West Return Water Control Valve
RADWRWP	Radiators West Return Water Pressure
RAFS	Return Air Flow Station
RAH	Return Air Humidity
RAHTST	Return Air High Temperature Status
RARH	Return Air Relative Humidity
RASA	Return Air Smoke Alarm
RASP	Return Air Static Pressure
RAT	Return Air Temperature
RPP	Return Plenum Pressure
RFIV	Return Fan Inlet Vanes
RFSS	Return Fan Start/Stop
RFST	Return Fan Status
RH1CV	Reheat Coil #1 Control Valve
RH2CV	Reheat Coil #2 Control Valve
RH3CV	Reheat Coil #3 Control Valve
RH4CV	Reheat Coil #4 Control Valve
RWT	Return Water Temperature
SAH	Supply Air Relative Humidity
SAHLSP	Supply Air High Limit Static Pressure
SARH	Supply Air Relative Humidity
SAT	Supply Air Temperature
SF1SPFB	Supply Fan #1 Speed Feedback
SF1SS	Supply Fan #1 Start/Stop
SF1VFD	Supply Fan #1 VFD
SF2SS	Supply Fan #2 Start/Stop
SF2VFD	Supply Fan #2 VFD
SF2SPFB	Supply Fan #2 Speed Feedback
SFLD	Supply Fan Load
SFSP	Supply Fan Speed
SFSS	Supply Fan Start/Stop
SFST	Supply Fan Status
SFSTP	Supply Fan Status Pressure
SFVFD	Supply Fan VFD
SRH	Space Relative Humidity
ST	Space Temperature
STCV	Steam Supply Control Valve
STS1	Space Temperature Sensor #1
STS2	Space Temperature Sensor #2
STS3	Space Temperature Sensor #3
STS4	Space Temperature Sensor #4
SWFM	Supply Water Flow Meter
SWSCV	Secondary Water Supply Control Valve
SWSFM	Secondary Water Supply Flow Meter
SWST1	Secondary Water Supply Temperature Sensor 1
SWST2	Secondary Water Supply Temperature Sensor 2
SWT	Supply Water Temperature



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Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

E

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A

B

C

project

project

BUILDING AUTOMATION
SYSTEM
CONSOLIDATION

580 BOOTH, OTTAWA, ON

drawing

dessin

POINTS LEGEND

Designed ByCHRISTIAN WORKMANConçu par
DateAUGUST 2012(yyyy/mm/dd)

Drawn ByHANI KARAMDessiné par
DateAUGUST 2012(yyyy/mm/dd)

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DateSEPTEMBER 2012(yyyy/mm/dd)

Approved ByDANIEL ROYApprouvé par
DateSEPTEMBER 2012(yyyy/mm/dd)

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Drawing no.No. du dessin
M01 of 53