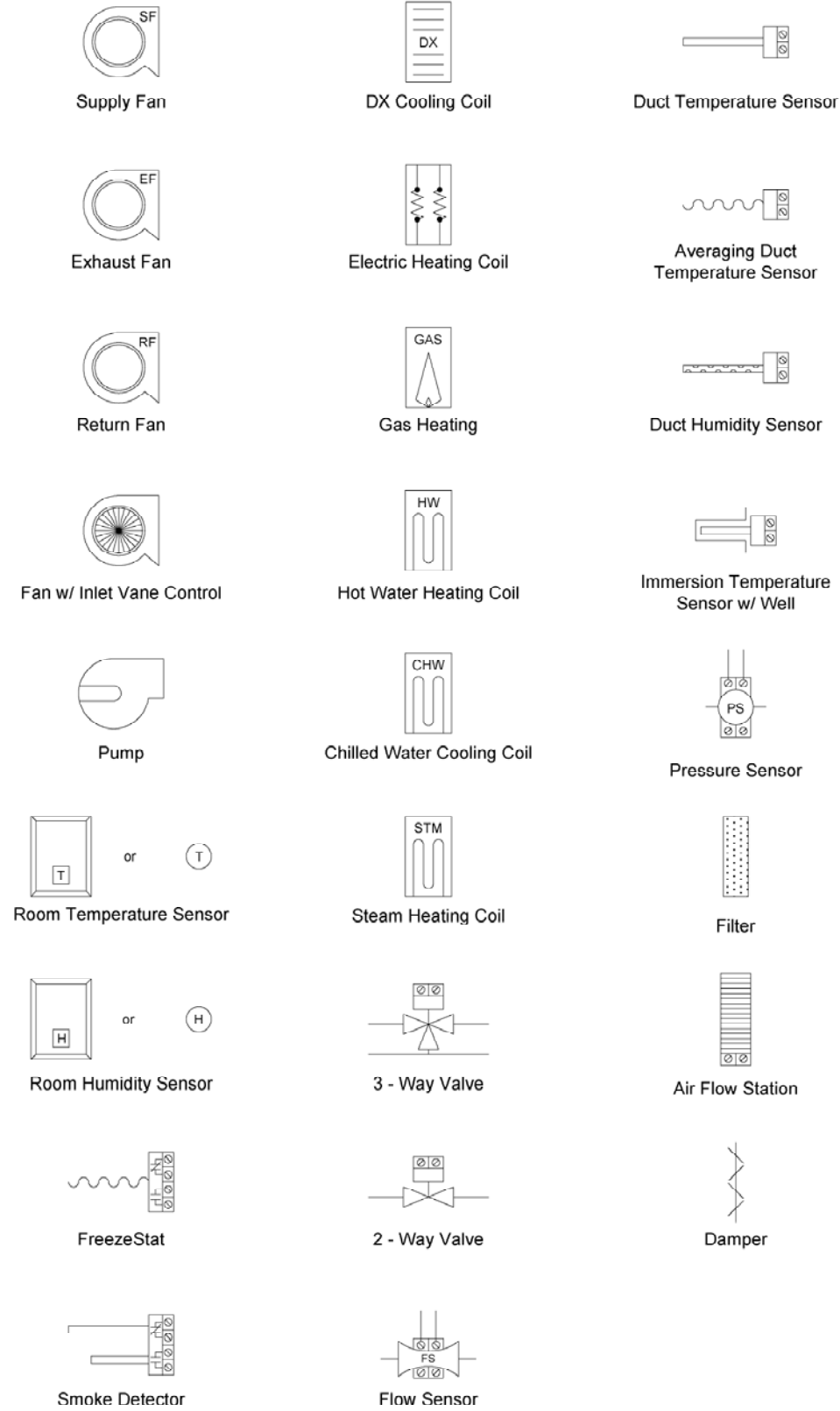


Symbol Legend

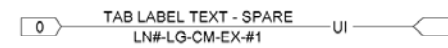


Common Abbreviations:

| | | |
|------------------------------|------------------------------|--------------------------------------|
| AC - Air Conditioning | EVAP - Evaporator | SA - Supply Air |
| ACU - Air Conditioning Unit | F - Fahrenheit | SF - Supply Fan |
| AHU - Air Handling Unit | FCU - Fan Coil Unit | SP - Static Pressure |
| AI - Analog Input | HOA - Hand / Off / Auto | TEMP - Temperature |
| AO - Analog Output | HP - Heat Pump | UH - Unit Heater |
| AUTO - Automatic | HRU - Heat Recovery Unit | UV - Unit Ventilator |
| AUX - Auxiliary | HTEX - Heat Exchanger | VAV - Variable Air Volume |
| C - Common | HW - Hot Water | VVTU - Variable Volume Terminal Unit |
| CHW - Chilled Water | HWP - Hot Water Pump | W/ - with |
| CHWP - Chilled Water Pump | HWR - Hot Water Return | W/O - without |
| CHWR - Chilled Water Return | HWS - Hot Water Supply | WSHP - Water-Source Heat Pump |
| CHWS - Chilled Water Supply | MAX - Maximum | |
| COND - Condenser | MIN - Minimum | |
| CW - Condenser Water | MISC - Miscellaneous | |
| CWP - Condenser Water Pump | NC - Normally Closed | |
| CWR - Condenser Water Return | NO - Normally Open | |
| CWS - Condenser Water Supply | OA - Outdoor Air | |
| DA - Discharge Air | PIU - Powered Induction Unit | |
| DI - Digital Input | RA - Return Air | |
| DO - Digital Output | RF - Return Fan | |
| EA - Exhaust Air | RH - Relative Humidity | |
| EF - Exhaust Fan | RTU - Roof-top Unit | |

General Notes:

1. All control modules are drawn using standard ALC module representations.
2. Electrical points are identified by a tagged method (LN# - LG - CM - EX - Z0):



- LN# - The line number (optional).
- LG - The gateway number (optional).
- CM - The control module address.
- EX - The expander module number.
- #1 - The channel number.

These tags include wiring for all AI's, DI's, AO's and DO's. Points using pneumatic tubing follow the same convention.

| | | | |
|--------------------------------------|----------|-----------|------------------|
| Winnipeg Transit | | | |
| Winnipeg, Manitoba | | | |
| Integrated Control Systems | | | |
| Symbol Legend | | | |
| REV: 1 | As-Built | 5/29/2008 | JOB NO: ICS06-81 |
| AUTOMATEDLOGIC CORPORATION | | | CHECK BY: JJJ |
| | | | DSCODE: |
| | | | 3 of 27 |