



LEGEND:

DEVICE DESCRIPTORS:	
AI	ANALOG INPUT
AO	ANALOG OUTPUT
A/M	AUTO/MANUAL
DI	DISCRETE INPUT
E/S	ELECTRICAL SUPPLY
HOA	HAND OFF AUTO
O/O	OFF/ON
R	RED
UNOCC/OCC	UNOCCUPIED/OCCUPIED
FUNCTIONAL IDENTIFIERS:	
FL	FLOW LOW
FSL	FLOW SWITCH LOW
FV	FLOW VALVE
HS	HAND SWITCH
IA	CURRENT ALARM
MM	MOTOR RUNNING
TC	TEMPERATURE CONTROL
TT	TEMPERATURE TRANSMITTER
TY	TEMPERATURE RELAY
UL	MULTIVARIABLE INDICATION (READY)
YV	STATE VALVE/DAMPER
ZSD	POSITION SWITCH OPEN
ZT	POSITION TRANSMITTER

NOTES:

- VENTILATION RATE:
 SUMMER: 6 ACH, 0% RECIRC
 WINTER UNOCCUPIED: 6 ACH, 75% RECIRC
 WINTER OCCUPIED: 6 ACH, 0% RECIRC
- HCE-L1 CONTAINS INTEGRAL HIGH TEMPERATURE AND LOW AIR FLOW CUTOUTS.
- SF-L2 TURNS ON WHEN THE ROOM TEMPERATURE EXCEEDS 30°C.

DRAWING NUMBER	REFERENCE DRAWINGS
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<p>SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080</p>		<p>ENGINEER'S SEAL</p> <p>ORIGINAL DRAWING SEALED BY: C. REIMER SNC-LAVALIN INC. 2010/10/02 REV. 00</p>	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</p> <p>MARION WASTEWATER PUMPING STATION INSTALLATION OF PUMPING UNITS & BUILDING UPGRADES PROCESS & INSTRUMENTATION DIAGRAM VENTILATION</p>
<p>DESIGNED BY: B. CLEVEN</p> <p>DRAWN BY: S. COATES</p> <p>SCALE: NTS</p> <p>DATE: 2010/06/30</p>	<p>CHECKED BY: C. REIMER</p> <p>APPROVED BY: C. REIMER</p> <p>RELEASED FOR CONSTRUCTION BY: K. ZUREK</p> <p>DATE: 2010/06/30</p>	<p>BID OPP.: 760-2010</p>	<p>CITY DRAWING NUMBER 1-0159L-P0002</p> <p>SHEET REV. SIZE 001 00 A1</p>
<p>CONSULTANT NO.: 113368-0000-49DD-0002</p>		<p>ISSUED FOR TENDER</p>	<p>NO. REVISIONS</p>