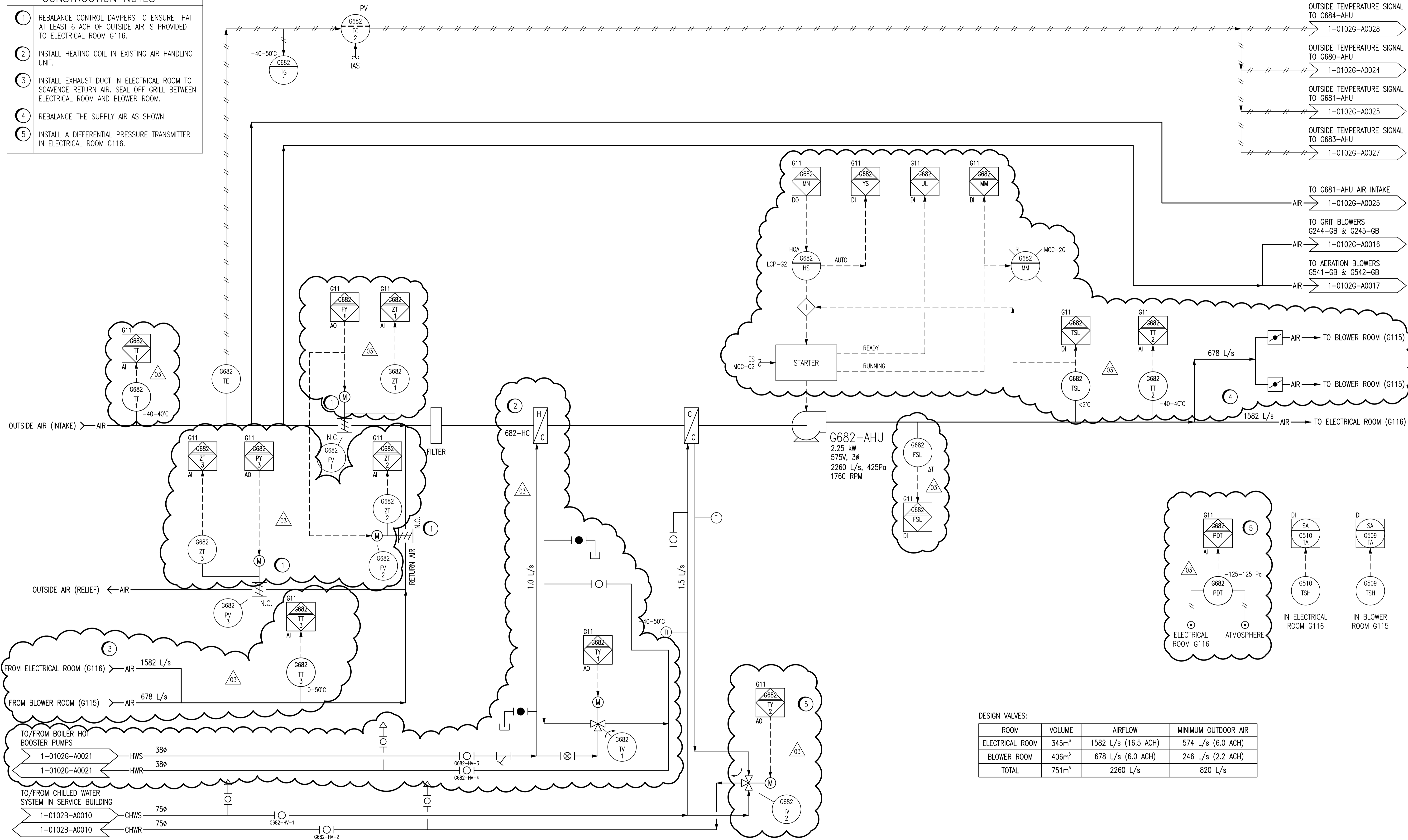


**CONSTRUCTION NOTES**

- 1 REBALANCE CONTROL DAMPERS TO ENSURE THAT AT LEAST 6 ACH OF OUTSIDE AIR IS PROVIDED TO ELECTRICAL ROOM G116.
- 2 INSTALL HEATING COIL IN EXISTING AIR HANDLING UNIT.
- 3 INSTALL EXHAUST DUCT IN ELECTRICAL ROOM TO SCAVENGE RETURN AIR. SEAL OFF GRILL BETWEEN ELECTRICAL ROOM AND BLOWER ROOM.
- 4 REBALANCE THE SUPPLY AIR AS SHOWN.
- 5 INSTALL A DIFFERENTIAL PRESSURE TRANSMITTER IN ELECTRICAL ROOM G116.



DESIGN VALVES:

ROOM	VOLUME	AIRFLOW	MINIMUM OUTDOOR AIR
ELECTRICAL ROOM	345m <sup>3</sup>	1582 L/s (16.5 ACH)	574 L/s (6.0 ACH)
BLOWER ROOM	406m <sup>3</sup>	678 L/s (6.0 ACH)	246 L/s (2.2 ACH)
TOTAL	751m <sup>3</sup>	2260 L/s	820 L/s

- NOTES:**
1. THIS DRAWING SUPERSEDES PART OF DRAWING SEP-868.
  2. ALL INSTRUMENTS SHOWN IN AN AUXILIARY LOCATION ARE LOCATED IN HVAC CONTROL PANEL GCP-7 UNLESS OTHERWISE DESIGNATED.



NO.	REVISIONS	DATE	DESIGN	CHECK
03	ISSUED FOR TENDER, BID OPP. 42-2013	2013/01/15	TMC	CJR
02	ISSUED FOR TENDER, BID OPP. 545-2012	2012/10/11	TMC	CJR
01	ORIGINAL DRAWING NO. WAS 1-0102G-G-A0026-001	2010/07/26	-	DC
00	ISSUED FOR CITY USE	2006/11/28	-	EFB

**SNC-LAVALIN INC.**  
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DESIGNED BY: EXISTING  
CHECKED BY: EFB  
DRAWN BY: DAH/EFB  
APPROVED BY: CJR  
SCALE: NTS  
RELEASED FOR CONSTRUCTION BY: DATE: 2005/11/25  
CONSULTANT NO.: 112577-0116-49DD-0126

ENGINEER'S SEAL

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE  
VENTILATION & MISC. UPGRADES  
PROCESS & INSTRUMENTATION DIAGRAM  
ELECTRICAL ROOM AND BLOWER ROOM COOLING UNIT  
G682-AHU

CITY DRAWING NUMBER: 1-0102G-A0026  
SHEET: 001  
REV: 03  
SIZE: A1

1-0102G-A0096	P & ID, ELECTRICAL ROOM EXHAUST FAN, G692-EF
1-0102A-A0001	PROCESS & INSTRUMENT DIAGRAMS LEGEND & DETAILS
DRAWING NUMBER	REFERENCE DRAWINGS