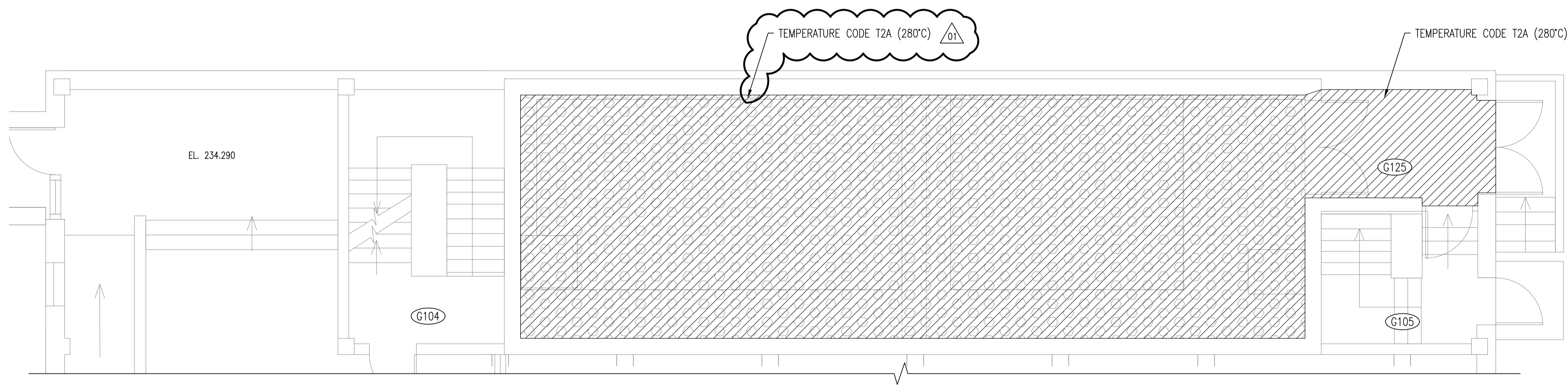


LEGEND

	HAZARDOUS CLASS I, ZONE 1, GROUP IIA
	HAZARDOUS CLASS I, ZONE 2, GROUP IIA
	CATEGORY 1 (MOISTURE)
	CATEGORY 2 (CORROSIVE)
	CATEGORY 2 WET (MOISTURE & CORROSIVE)



WET WELL & FOYER
SCALE: 1:50

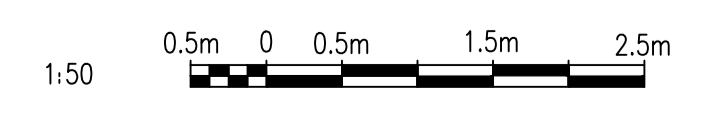
VENTILATION ANALYSIS

SPACE	VENTILATION			PRESSURE	HEATED	VENT FAILURE DETECTION	NOTES
	OUTDOOR	TRANSFER	RETURN				
WET WELL	SEE NOTE 1			NEGATIVE	NO (SEE NOTE 2)	YES	
WET WELL FOYER	0	0	0	NEUTRAL	YES	N/A	

SPECIFIC NOTES:

- THE CITY HAS PLANNED UPGRADES TO THE WET WELL VENTILATION THAT WOULD PROVIDE 12.0 ACH OF VENTILATION IN SUMMER AND 6.0 ACH OF VENTILATION DURING THE WINTER.
- THE PLANNED UPGRADES INCLUDE HEATING OF THE UPPER LEVEL VENTILATION TO 4°C.

NOTES:
1. THE INDICATED VENTILATION RATES ARE BASED ON EXISTING DOCUMENTATION AND HAVE NOT BEEN VERIFIED VIA ONSITE TESTING.



NO.	REVISIONS	DATE	DESIGN	CHECK
01	MODIFIED TEMPERATURE CODE	2012/02/13	TMC	CJR
00	ISSUED FOR TENDER, BID OPP. 209-2011	2011/03/31	TMC	CJR

SNC-LAVALIN INC.
148 Nature Park Way
Winnipeg, MB, Canada R3P 0X7
204-786-8080

DESIGNED BY: I. CHURCH
DRAWN BY: S. COATES
SCALE: 1:50
DATE: 2009/11/04
CONSULTANT NO.: 112577-0113-47DD-1203

CHECKED BY: C. REIMER
APPROVED BY: C. REIMER
RELEASED FOR CONSTRUCTION BY: N. HARRINGTON
DATE: 2011/03/31

ENGINEER'S SEAL
ORIGINAL DRAWING SEALED BY:
T. M. CHURCH
SNC-LAVALIN
MEMBER # 32682
2012/02/15
REV. 01
CHANGES ONLY

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
ELECTRICAL CLASSIFICATION UPGRADES
ELECTRICAL CLASSIFICATION PLAN
WET WELL AND FOYER

CITY DRAWING NUMBER: 1-0102G-E0015
SHEET: 001
REV.: 01
SIZE: A1

DRAWING NUMBER	REFERENCE DRAWINGS
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