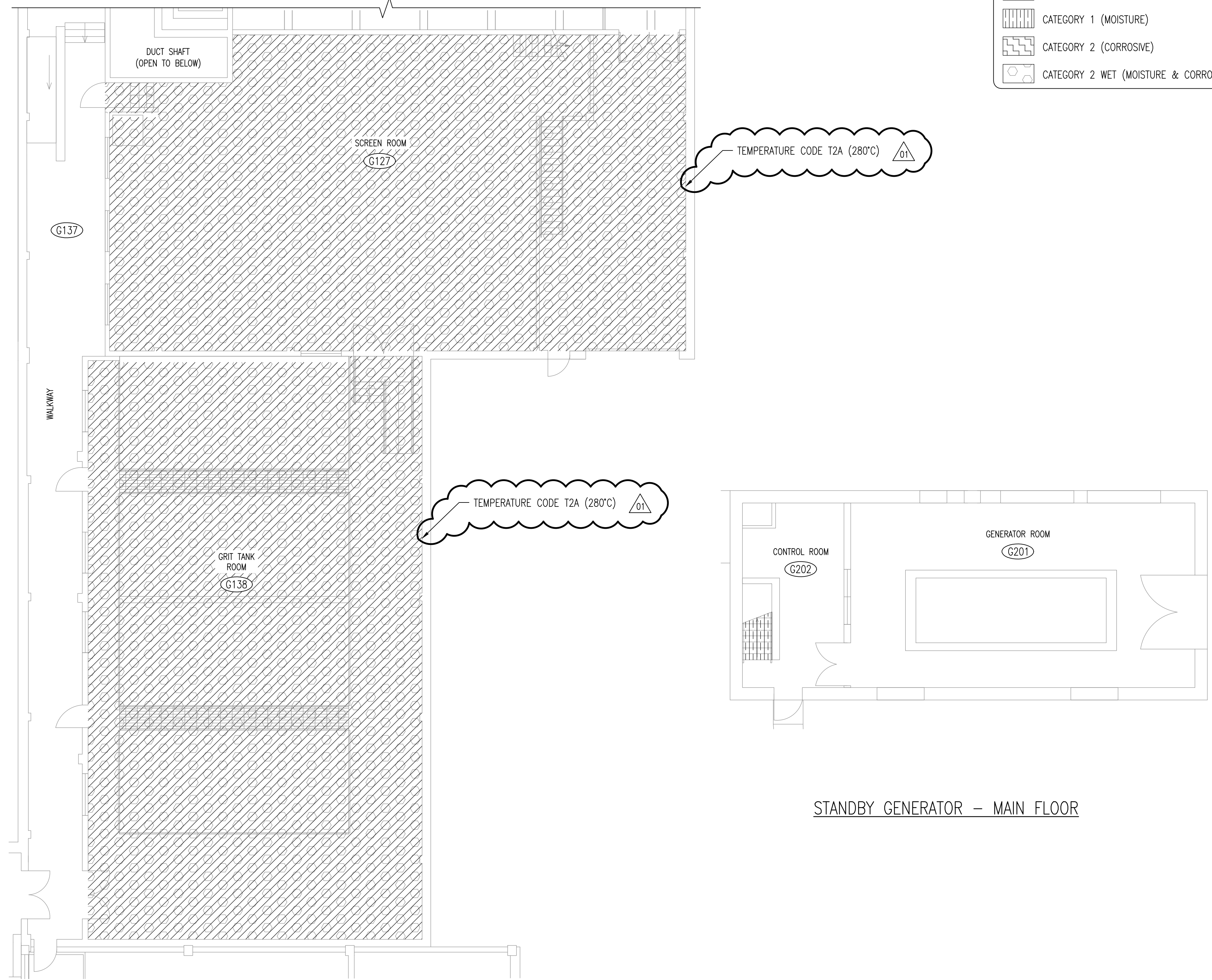


KEYPLAN

VENTILATION ANALYSIS							
SPACE	OUTDOOR	VENTILATION TRANSFER	RETURN	PRESSURE	HEATED	VENT FAILURE DETECTION	NOTES
SCREEN ROOM	4.6-7.7 ACH	-	-	NEGATIVE	YES	YES	1
GRIT TANK ROOM	4.6-7.7 ACH	0.2 ACH	-	NEGATIVE	YES	YES	1

SPECIFIC NOTES:
 1. THE VENTILATION RATE OF THE SCREEN ROOM AND GRIT TANK ROOM IS INCREASED TO 10.5 ACH UPON HAZARDOUS GAS DETECTION.

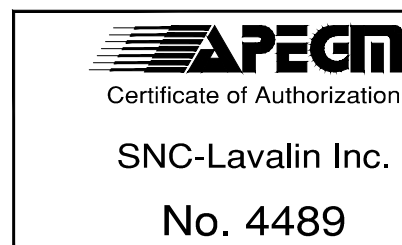
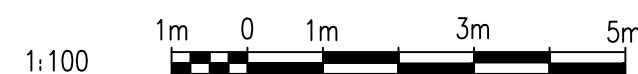
LEGEND	
	HAZARDOUS CLASS I, ZONE 1, GROUP IIA
	HAZARDOUS CLASS I, ZONE 2, GROUP IIA
	CATEGORY 1 (MOISTURE)
	CATEGORY 2 (CORROSIVE)
	CATEGORY 2 WET (MOISTURE & CORROSIVE)



GRIT BUILDING - MAIN FLOOR

STANDBY GENERATOR - MAIN FLOOR

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: T. CHURCH	CHECKED BY: C. REIMER
DRAWN BY: S. COATES	APPROVED BY: C. REIMER
SCALE: 1:100	RELEASED FOR CONSTRUCTION BY: N. HARRINGTON DATE: 2011/03/31
DATE: 2009/11/05	DATE: 2011/03/31
CONSULTANT NO.: 112577-0113-47DD-1202	

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
 GRIT BUILDING MAIN LEVEL
 AND STANDBY GENERATOR BUILDING

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102G-E0014	001	01	A1

DRAWING NUMBER	REFERENCE DRAWINGS
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