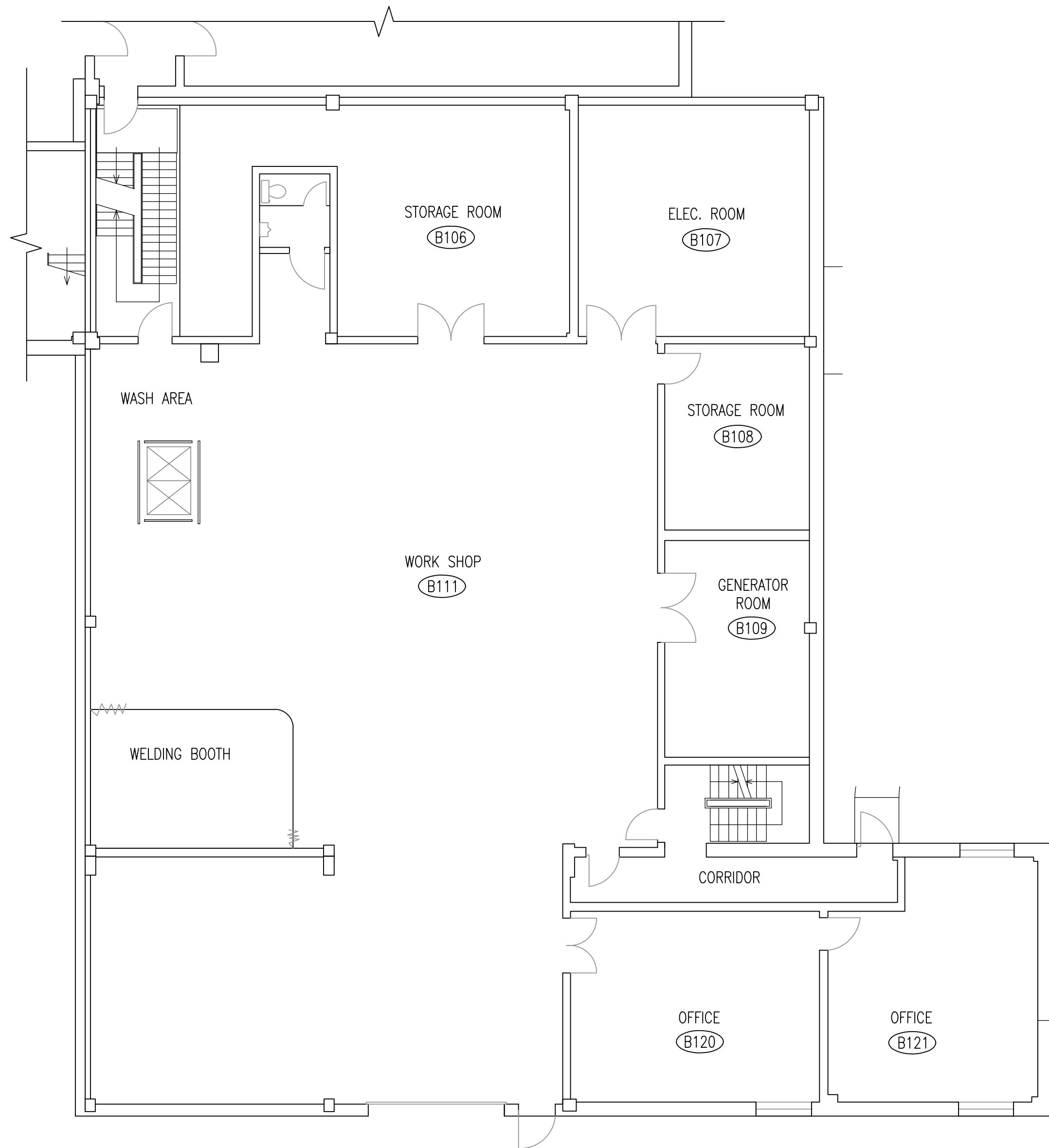
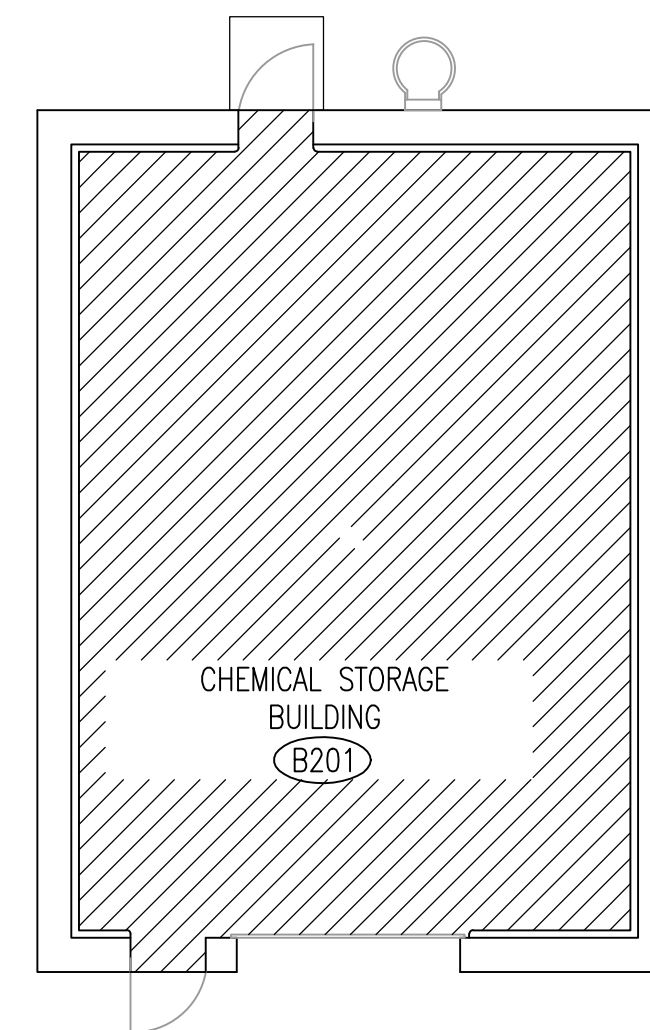


LEGEND

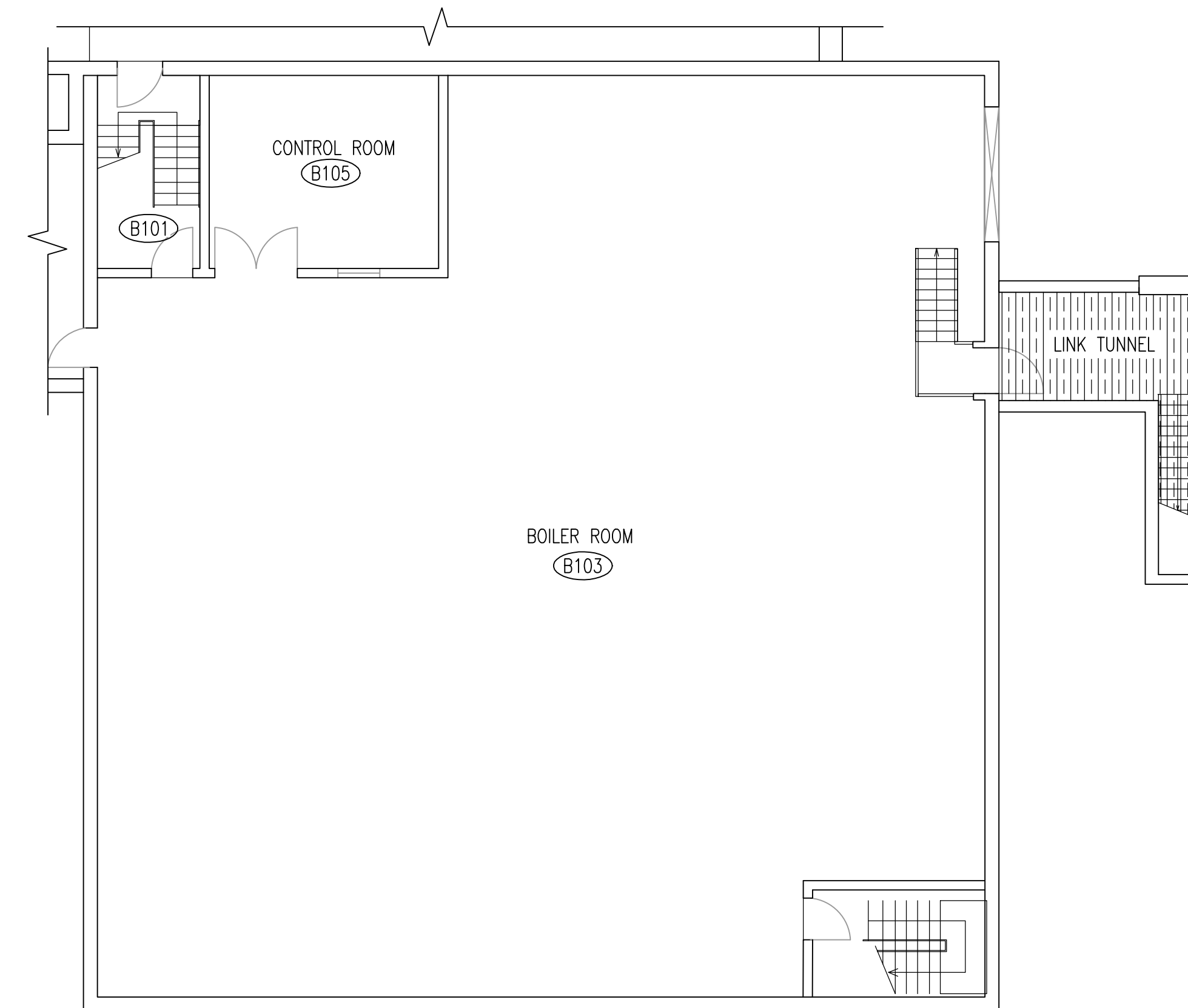
- HAZARDOUS CLASS I, ZONE 1, GROUP IIA
- HAZARDOUS CLASS I, ZONE 2, GROUP IIA
- CATEGORY 1 (MOISTURE)
- CATEGORY 2 (CORROSIVE)
- CATEGORY 2 WET (MOISTURE & CORROSIVE)



BOILER BUILDING - MAIN LEVEL



CHEMICAL STORAGE BUILDING

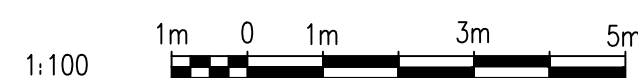


BOILER BUILDING - LOWER LEVEL

VENTILATION ANALYSIS							
SPACE	OUTDOOR	VENTILATION TRANSFER	RETURN	PRESSURE	HEATED	VENT FAILURE DETECTION	NOTES
BOILER ROOM	6.8 ACH	-	-	POSITIVE	YES	YES	1
CONTROL ROOM	3.1 ACH	-	15.5 ACH	POSITIVE	YES	YES	1
LINK TUNNEL	NONE	-	NONE	-	-	-	

SPECIFIC NOTES:  
 1. THE EXISTING VENTILATION HAS BEEN SHOWN TO BE SUFFICIENT ENOUGH TO LIMIT THE MOISTURE IN THE SPACE TO LEVELS WHERE THE NORMAL OPERATION OF ELECTRICAL EQUIPMENT WILL NOT BE AFFECTED.

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



1:100



NO.	REVISIONS	DATE	DESIGN	CHECK
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: 1:100  
 DATE: 2009/11/05

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

CONSULTANT NO.: 112577-0113-47DD-1300

ENGINEER'S SEAL  
 ORIGINAL DRAWING  
 SEALED BY:  
 C. J. REIMER  
 SNC-LAVALIN  
 MEMBER #21968  
 2011/03/31  
 REV. 00

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

SOUTH END WATER POLLUTION CONTROL CENTRE  
 ELECTRICAL CLASSIFICATION UPGRADES  
 ELECTRICAL CLASSIFICATION PLAN  
 SERVICE BUILDING  
 MAIN & LOWER LEVELS

CITY DRAWING NUMBER: 1-0102B-E0009  
 SHEET: 001  
 REV.: 00  
 SIZE: A1