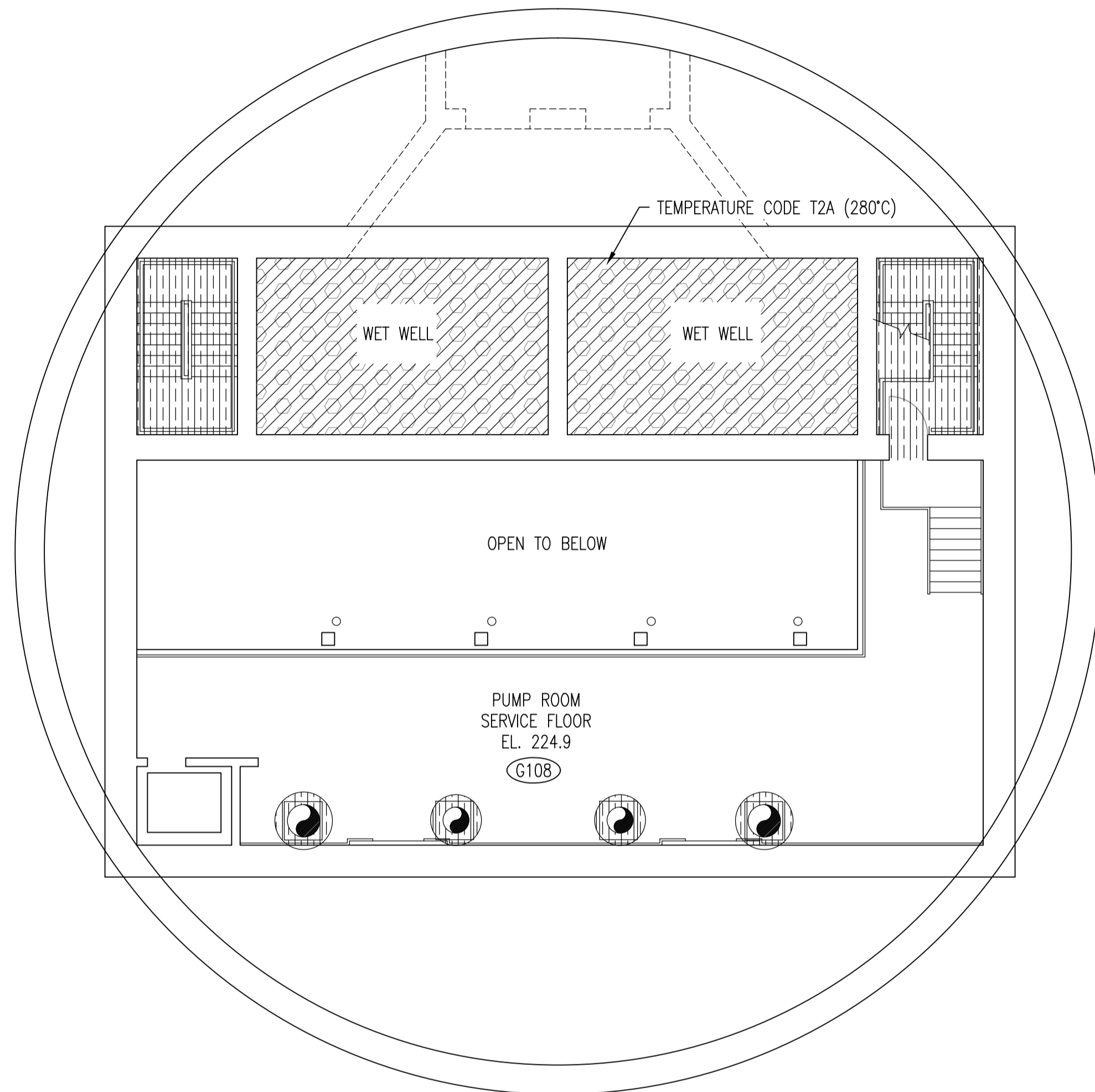


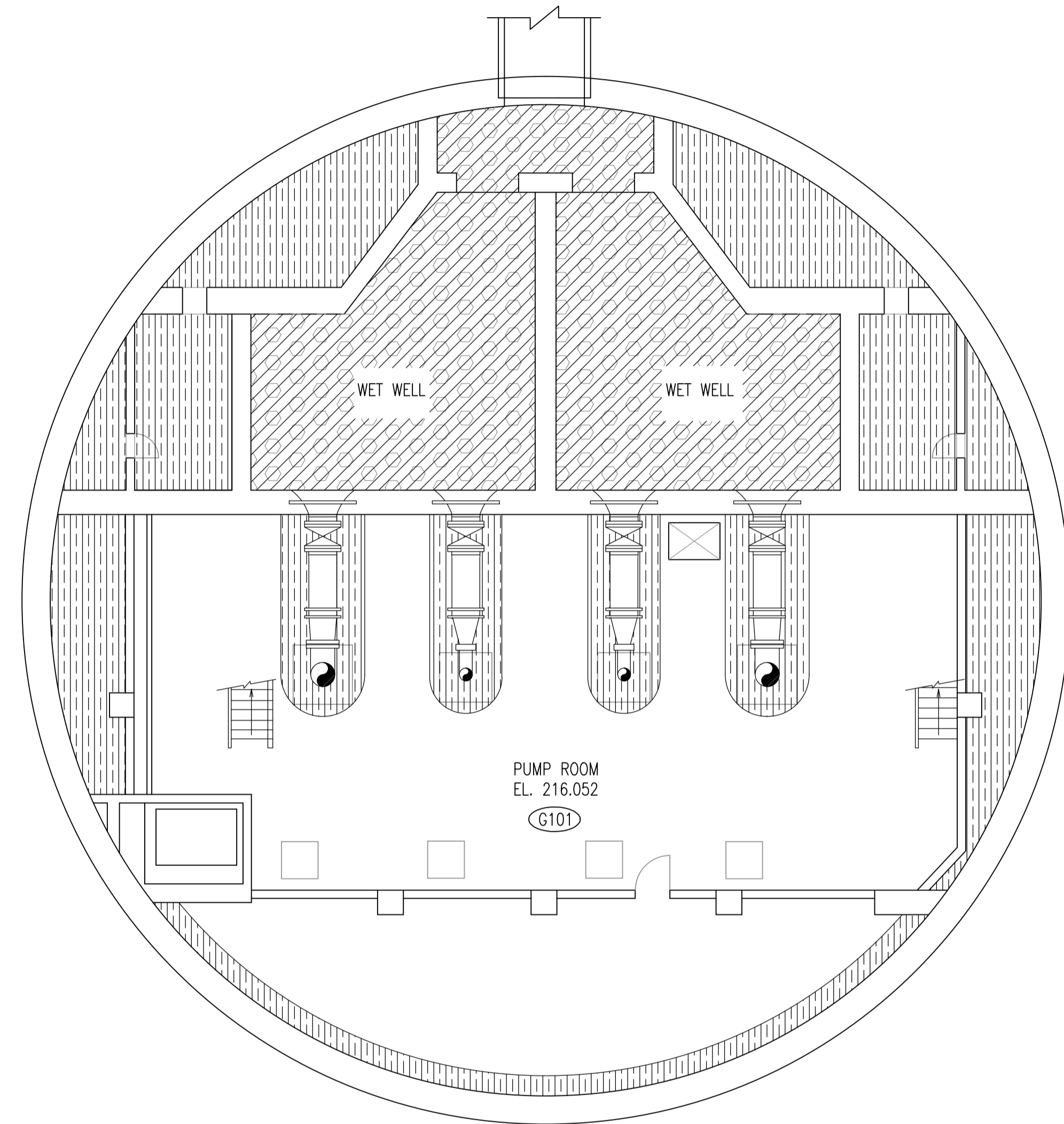
KEYPLAN

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)



PUMP WELL - FLOWMETER LEVEL



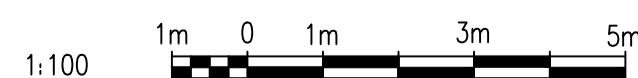
PUMP WELL - DRYWELL LEVEL

VENTILATION ANALYSIS						
SPACE	VENTILATION OUTDOOR	RETURN	PRESSURE	HEATED	VENT FAILURE DETECTION	NOTES
PUMP ROOM (INCLUDES SOUTH SPACE)	1.54 ACH	~1.1 ACH	~NEUTRAL	YES	YES	
STAIRWELL	-	-	-	NO	N/A	

SPECIFIC NOTES:

- THE EXISTING VENTILATION IN THE SPACE HAS BEEN SHOWN TO BE SUFFICIENT TO LIMIT THE MOISTURE IN THE SPACE TO LEVELS WHERE THE NORMAL OPERATION OF ELECTRICAL EQUIPMENT WILL NOT BE AFFECTED, WITH THE EXCEPTION OF AROUND THE RAW SEWAGE PIPING AND EXTERIOR WALLS.

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



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-1200

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  
WETWELL & DRYWELL

CITY DRAWING NUMBER: 1-0102G-E0012  
SHEET: 001  
REV.: 00  
SIZE: A1

DRAWING NUMBER	REFERENCE DRAWINGS