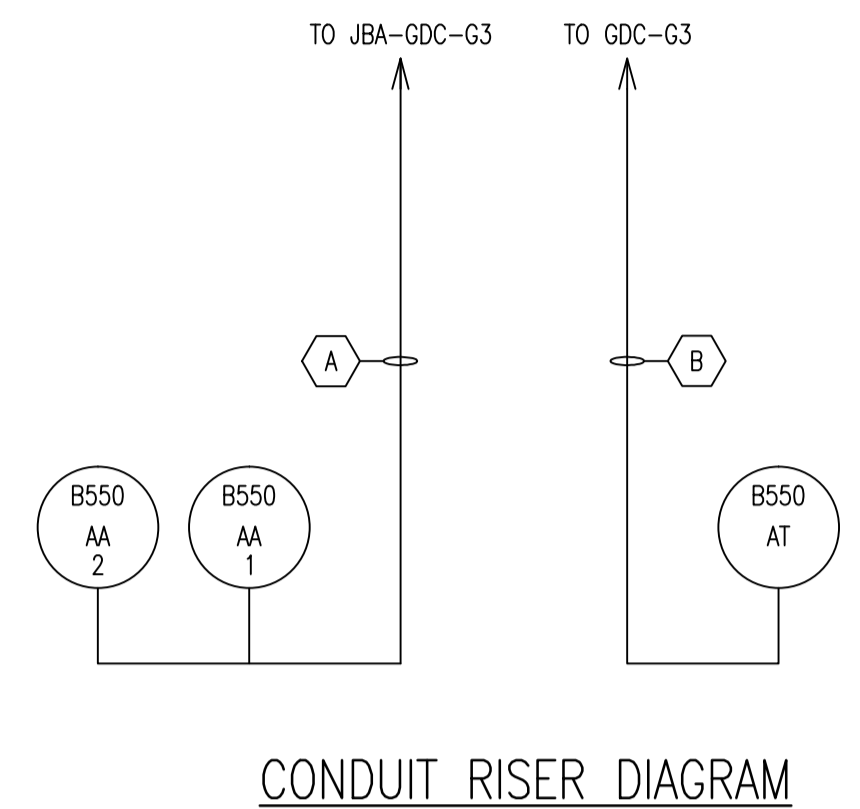
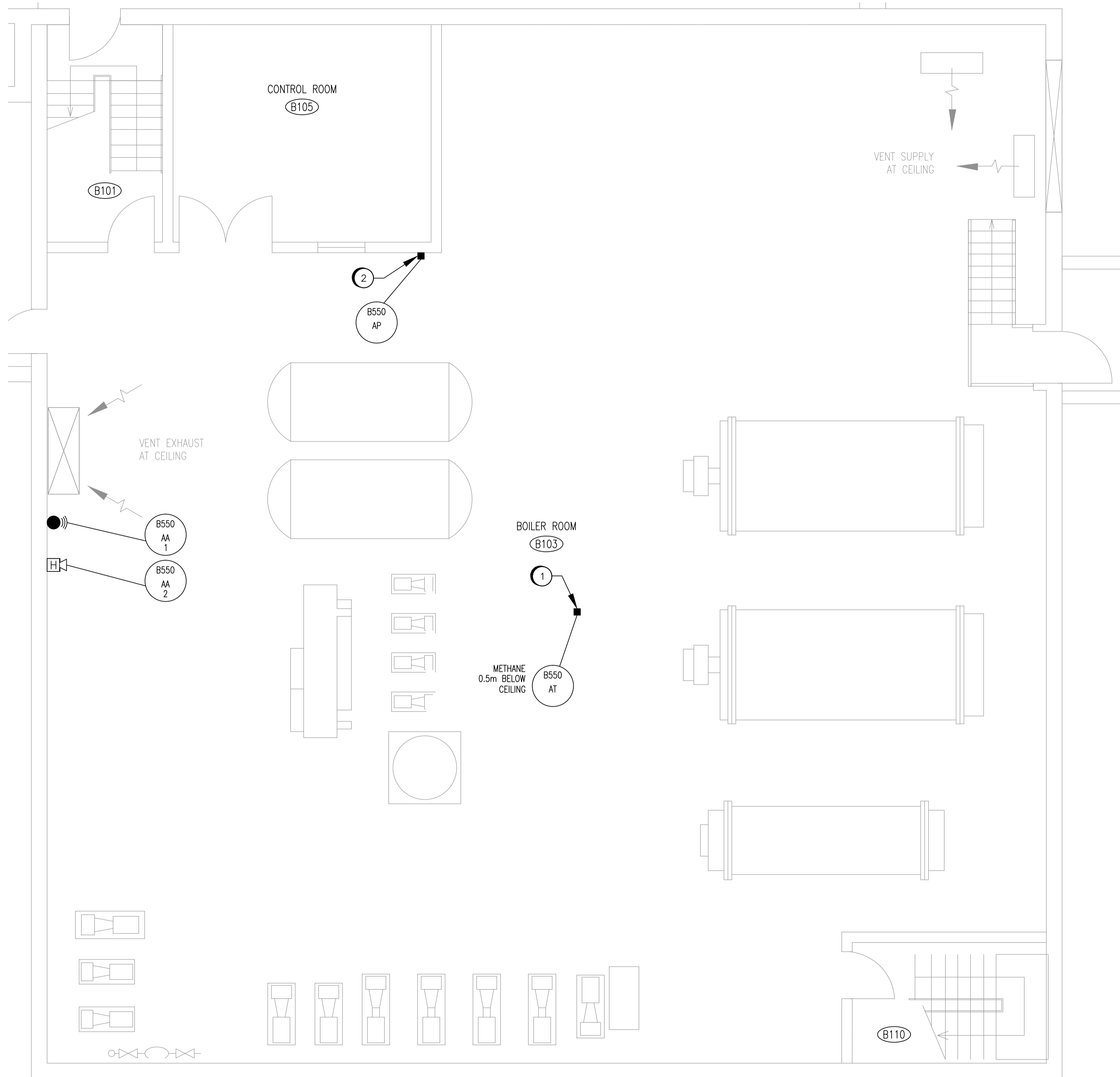


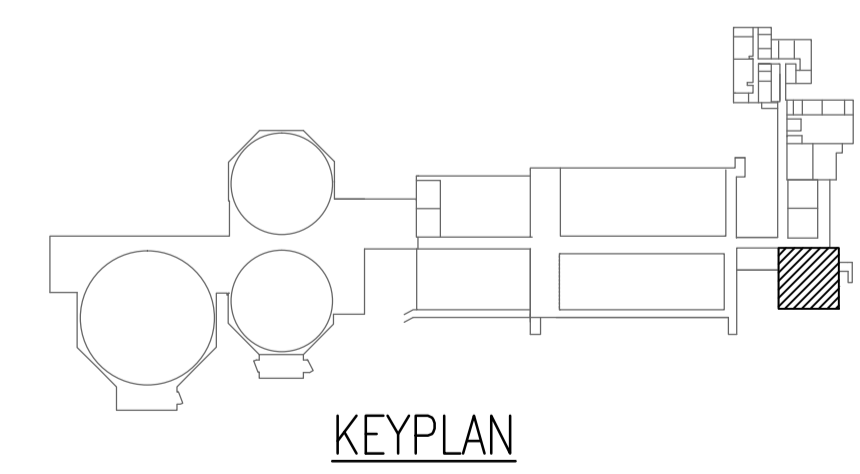
DETECTOR SCHEDULE				
ID	GAS DETECTED	HEIGHT	INSTALLATION DETAIL	NOTES
B550-AT01	METHANE	0.5m BELOW CEILING	1-0102A-A0004	

CONDUIT & WIRE SCHEDULE			
TYPE	SIZE	CABLES	NOTES
A	21mm	2C, 14 AWG, RW90	
B	21mm	2x 1TR, 18 AWG, CIC	

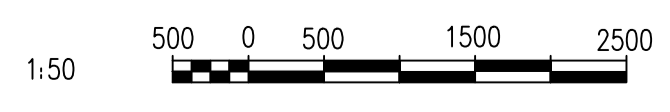
CONSTRUCTION NOTES	
1	MOUNT DETECTOR 0.5M FROM CEILING. USE UNISTRUT SUPPORTS AS NECESSARY. USE DETAIL A ON 1-0102A-A0004 AS A GUIDE FOR EQUIPMENT PLACEMENT. NOTE THAT THE BOILER ROOM IS NOT A HAZARDOUS RATED AREA.
2	INSTALL REMOTE CALIBRATION POINT. SEE TYPICAL DETAIL B ON DRAWING 1-0102A-A0004.



- LEGEND:**
- EXISTING EQUIPMENT TO BE REMOVED
 - HORN
 - STROBE
 - HAZARDOUS SEAL
 - CONDUIT DRAIN



SERVICE BUILDING - LOWER LEVEL
EL. 227.4



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OPP. 209-2011	2011/03/11	TMC	CJR

SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080	
DESIGNED BY: I. CHURCH	CHECKED BY: C. REIMER
DRAWN BY: S. COATES	APPROVED BY: C. REIMER
SCALE: 1:50	RELEASED FOR CONSTRUCTION BY: N. HARRINGTON
DATE: 2009/11/02	DATE: 2011/03/11
CONSULTANT NO.: 112577-0106-480D-1300	

ENGINEER'S SEAL
ORIGINAL DRAWING
SEALED BY:
T. M. CHURCH
SNC-LAVALIN
MEMBER #32682
2011/03/25
REV. 00

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
ESSENTIAL SYSTEM UPGRADES
INSTRUMENT PLAN LAYOUT
GAS DETECTORS - BOILER ROOM

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102B-A0027	001	00	A1

1-0102B-E0009	ELECTRICAL CLASSIFICATION PLAN
DRAWING NUMBER	REFERENCE DRAWINGS