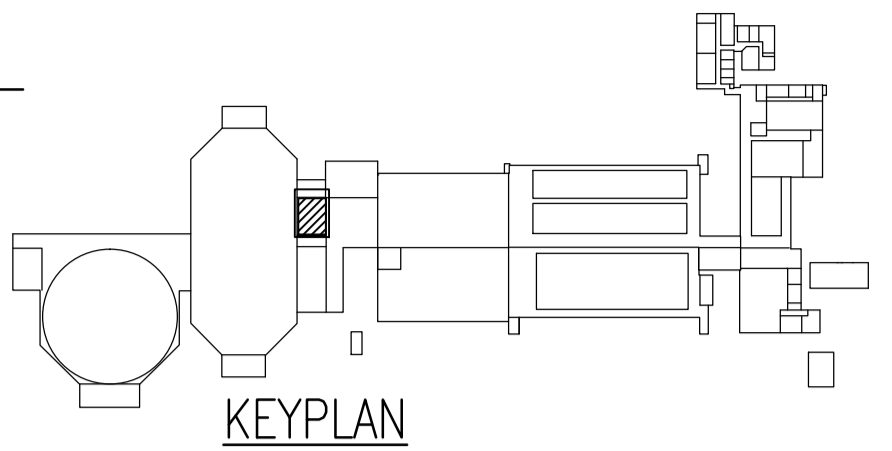
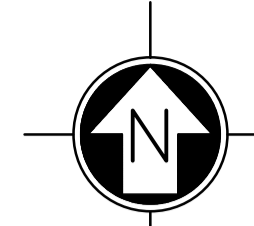


SECONDARY CLARIFIER VENTILATION ROOM AT ELEV 237.59
SCALE: 1 : 50

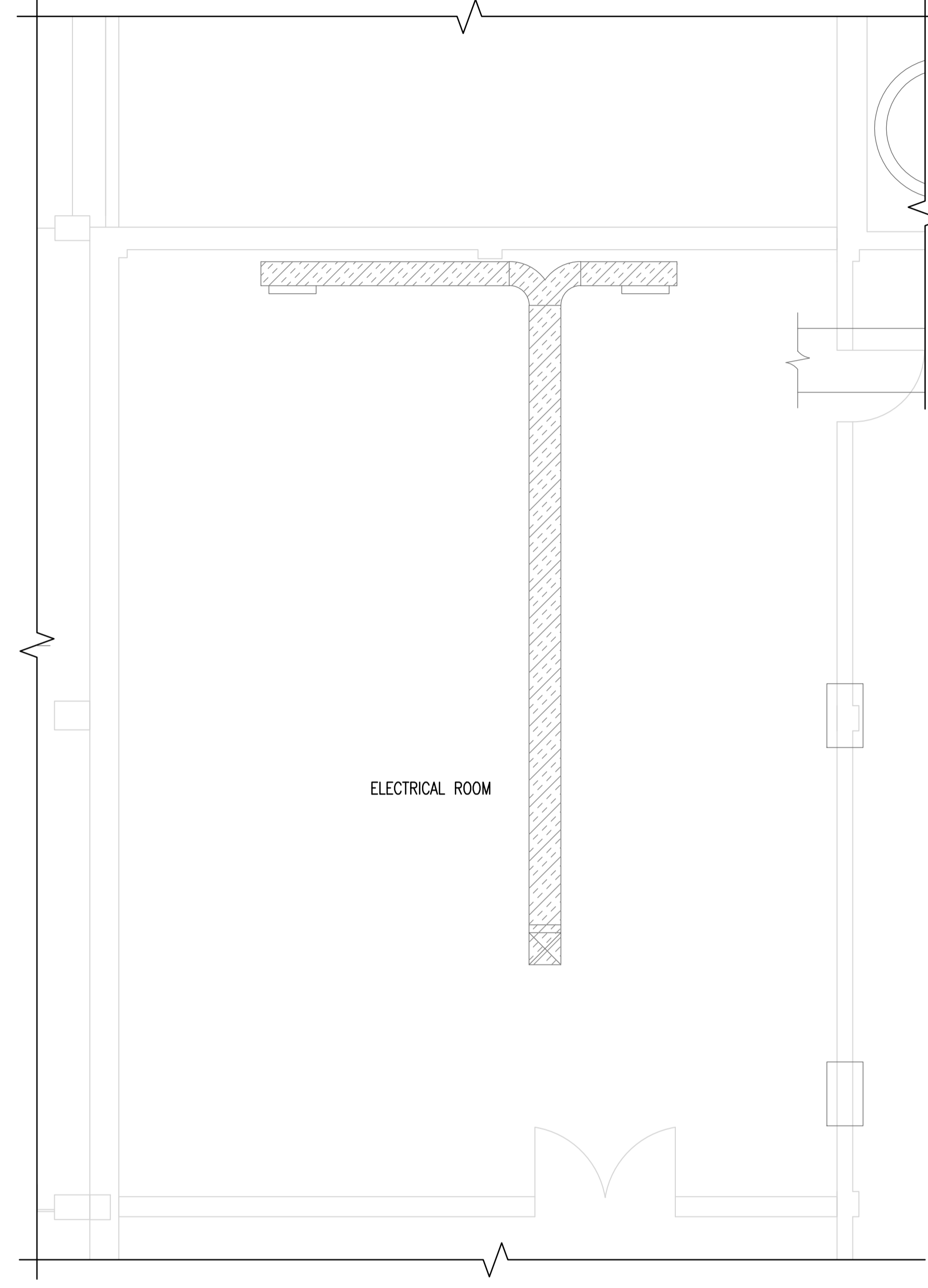


FIRE DAMPER SCHEDULE

TAG	DUCT SIZE (MM)	ORIENTATION	STATUS
S114-FD-01	460 x 810	VERTICAL	NEW
S114-FD-02	460 X 810	VERTICAL	NEW
S114-FD-03	406 X 406	VERTICAL	NEW
R682-FD-01	810 X 610	VERTICAL	NEW
S683-FD-01	406 X 457	HORIZONTAL	NEW
S684-FD-01	500 x 406	VERTICAL	NEW
S685-FD-01	2438 x 254*	VERTICAL	NEW, MULTIBLADE
S685-FD-02	1830 x 300*	VERTICAL	NEW
S686-FD-01	1422 x 406*	HORIZONTAL	NEW
S689-FD-01	1880 x 406*	VERTICAL	NEW

* MULTIPLE SECTIONED DAMPERS ARE REQUIRED.

- NOTES:**
- 1 REMOVE DUCTING BACK TO WALL AND CAP OFF DUCT.
 - 2 INSULATE DUCTWORK.
 - 3 REDUCE WIDTH OF EXISTING OPENING BY APPROXIMATELY 200mm USING FIRESTOP MORTAR TO ACCOMMODATE NEW FIRE DAMPER.
- LEGEND**
- DUCTWORK TO BE INSULATED



SECONDARY CLARIFIER ELECTRICAL ROOM AT ELEV 233.48
SCALE: 1 : 50

- GENERAL NOTES:**
- CONTRACTOR SHALL SUPPLY AND INSTALL FIRE DAMPERS IN LOCATIONS SHOWN ON DRAWINGS WHERE DUCTING PENETRATES A FIRE SEPARATION. CONTRACTOR IS TO VERIFY DIMENSIONS PRIOR TO ORDERING FIRE DAMPERS.
 - FIRE DAMPERS SHALL BE INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS, NATIONAL FIRE CODE AND THE NATIONAL BUILDING CODE.
 - REFER TO DRAWING 1-0102G-M0007 FOR FIRE DAMPER INSTALLATION DETAILS.
 - ACCESS DOORS SHALL BE PROVIDED FOR ALL FIRE DAMPERS IN ACCORDANCE WITH SMACNA AND THE NATIONAL FIRE CODE.
 - INSPECT EXISTING FIRE DAMPERS AND NOTIFY THE CONTRACT ADMINISTRATOR OF ANY DAMAGED OR DEFICIENT ITEMS.
 - ASBESTOS CONTAINING MATERIALS ARE SUSPECT ON PIPE ELBOW AND DUCTWORK INSULATION AND ARE TO BE REMOVED. REFER TO ASBESTOS ABATEMENT SPECIFICATIONS FOR ABATEMENT PROCEDURE.



NO.	REVISIONS	DATE	DESIGN	CHECK
02	INSULATION REVISED	2013/04/22	TRS	SN
01	ASBESTOS ABATEMENT REMOVED, BID OPP. 42-2013	2013/03/25	TRS	SN
00	ISSUED FOR TENDER, BID OPP. 545-2012	2012/09/26	TRS	SN

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

DESIGNED BY: S. NORSWORTHY
DRAWN BY: K. MOHAMMED
SCALE: 1 : 50
DATE: 2012/01/20
CONSULTANT NO.: 112577-0116-450D-0401

CHECKED BY: S. NORSWORTHY
APPROVED BY: C. REIMER
RELEASED FOR CONSTRUCTION BY: NEIL HARRINGTON
DATE: 2012/10/10

ENGINEER'S SEAL

ORIGINAL DRAWING SEALED BY: S. S. NORSWORTHY
SNC-LAVALIN MEMBER #20725
2012/10/11 REV. 00

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
VENTILATION & MISC. UPGRADES
PLAN VIEW
FIRE DAMPER UPGRADES
VENTILATION & ELECTRICAL ROOMS

CITY DRAWING NUMBER: 1-0102S-M0001
SHEET: 001
REV.: 02
SIZE: A1