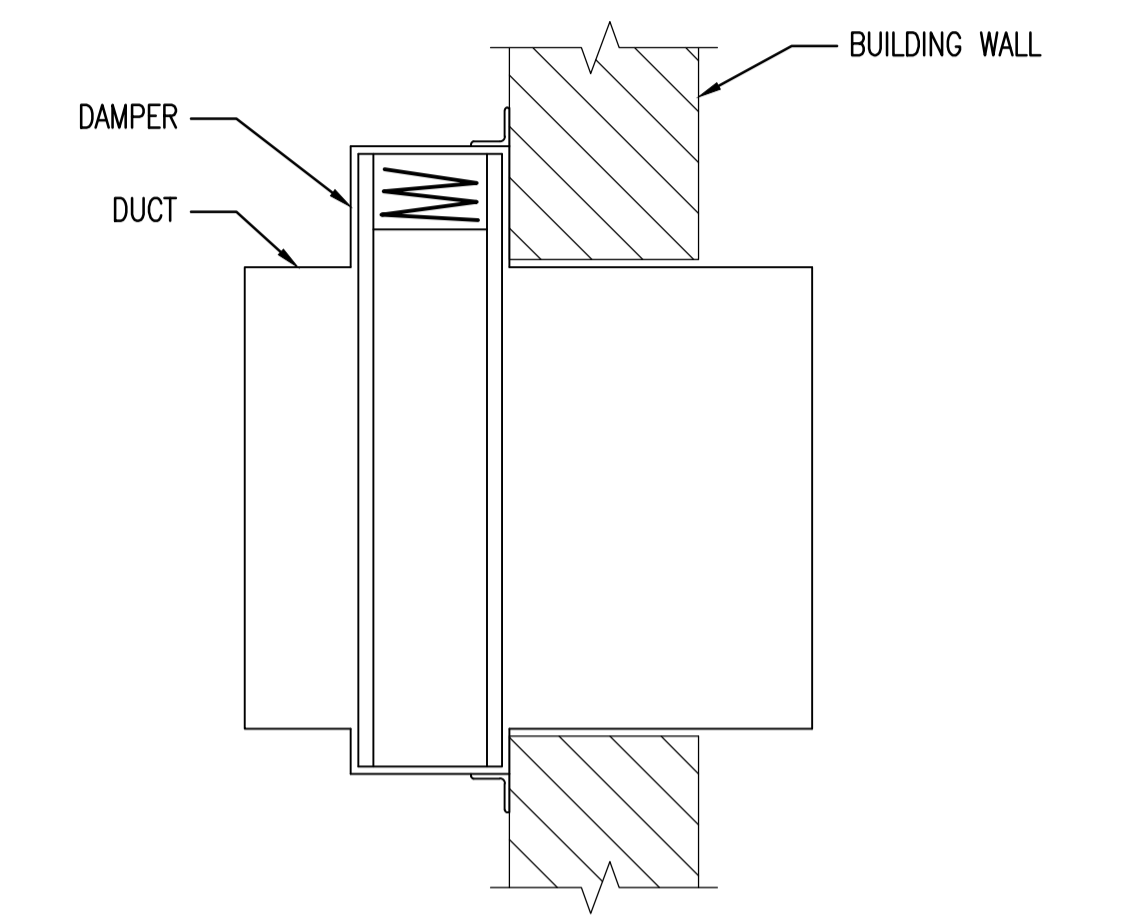
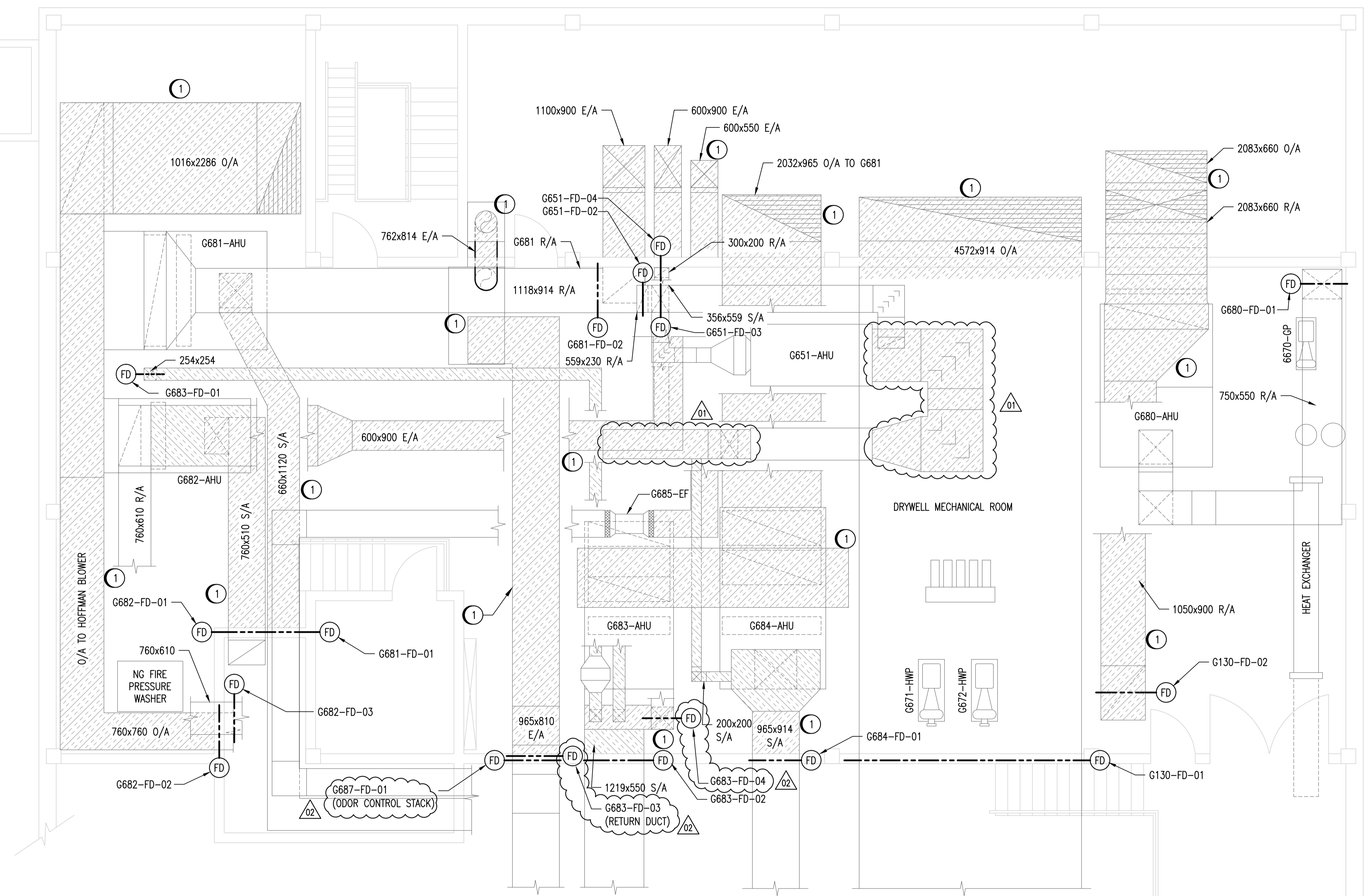


KEYPLAN



1  
-  
VERTICAL FIRE DAMPER DETAIL (TYP.)  
SCALE: NONE

LEGEND

DUCTWORK TO BE INSULATED

FIRE DAMPER SCHEDULE

TAG	DUCT SIZE (MM)	ORIENTATION	
G130-FD-01	4572x914	VERTICAL*	NEW
G130-FD-02	914x1118	HORIZONTAL	EXISTING
-	-	-	-
G651-FD-02	559x230	HORIZONTAL	EXISTING
G651-FD-03	356x559	HORIZONTAL	EXISTING
G651-FD-04	300x200	HORIZONTAL	EXISTING
G680-FD-01	610x813	HORIZONTAL	EXISTING
G681-FD-01	660x1120	VERTICAL	NEW
G681-FD-02	914x1118	HORIZONTAL*	NEW
G682-FD-01	760x510	VERTICAL	NEW
G682-FD-02	760x760	VERTICAL	NEW
G682-FD-03	760x610	VERTICAL	NEW
G683-FD-01	254x254	HORIZONTAL	NEW
G683-FD-02	1219x550	VERTICAL	NEW
G683-FD-03	1067x457	VERTICAL	NEW, TYPE A
G683-FD-04	406x406	HORIZONTAL	NEW
G684-FD-01	965x914	VERTICAL	NEW
G687-FD-01	965x457	VERTICAL	NEW, MULTIBLADE

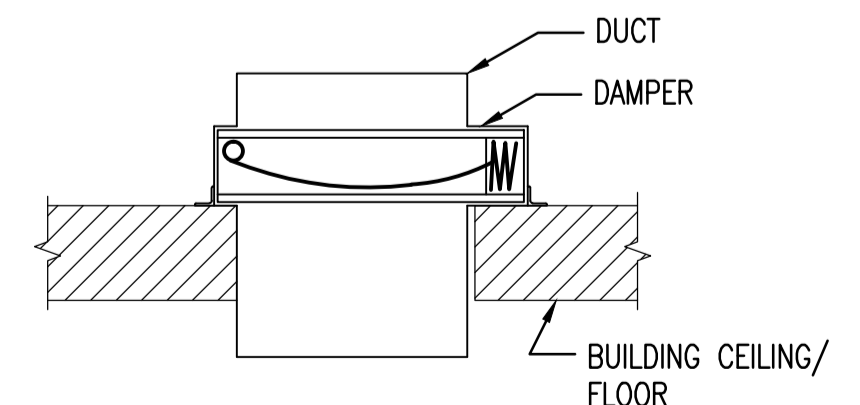
\* MAXIMUM FIRE DAMPER SIZE IS 914x914. MULTIPLE DAMPERS ARE REQUIRED.

NOTES:

- 1 INSULATE DUCTWORK.

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.



2  
-  
HORIZ. FIRE DAMPER DETAIL (TYP.)  
SCALE: NONE



NO.	REVISIONS	DATE	DESIGN	CHECK
02	REVISED INSULATION & TABLE	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	2012/09/10	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: 2012/10/10  
CONSULTANT NO.: 112577-0116-45DD-0107

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  
GRIT BUILDING MECHANICAL ROOM

CITY DRAWING NUMBER: 1-0102G-M0007  
SHEET: 001  
REV: 02  
SIZE: A1