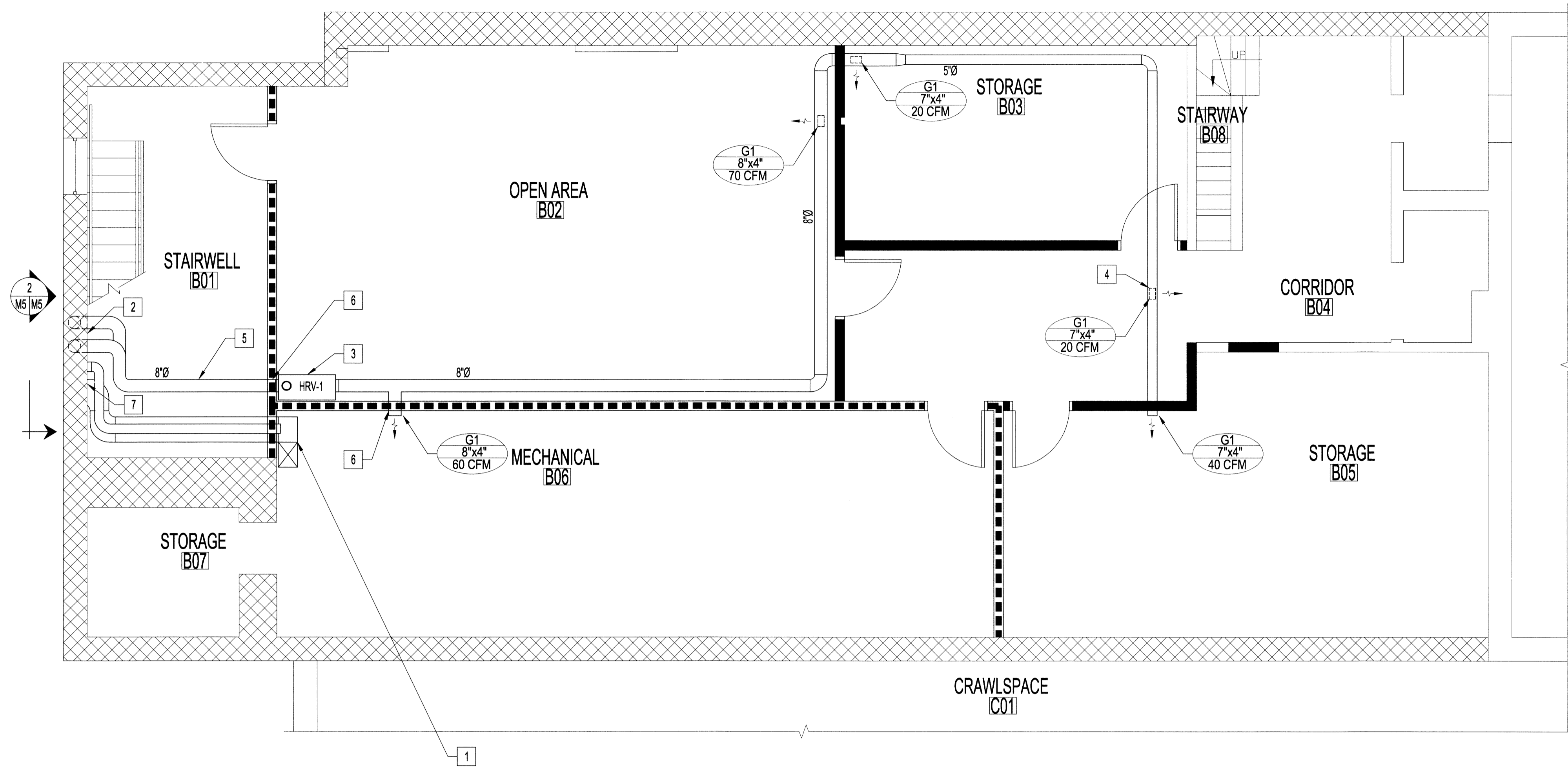


NOTES:



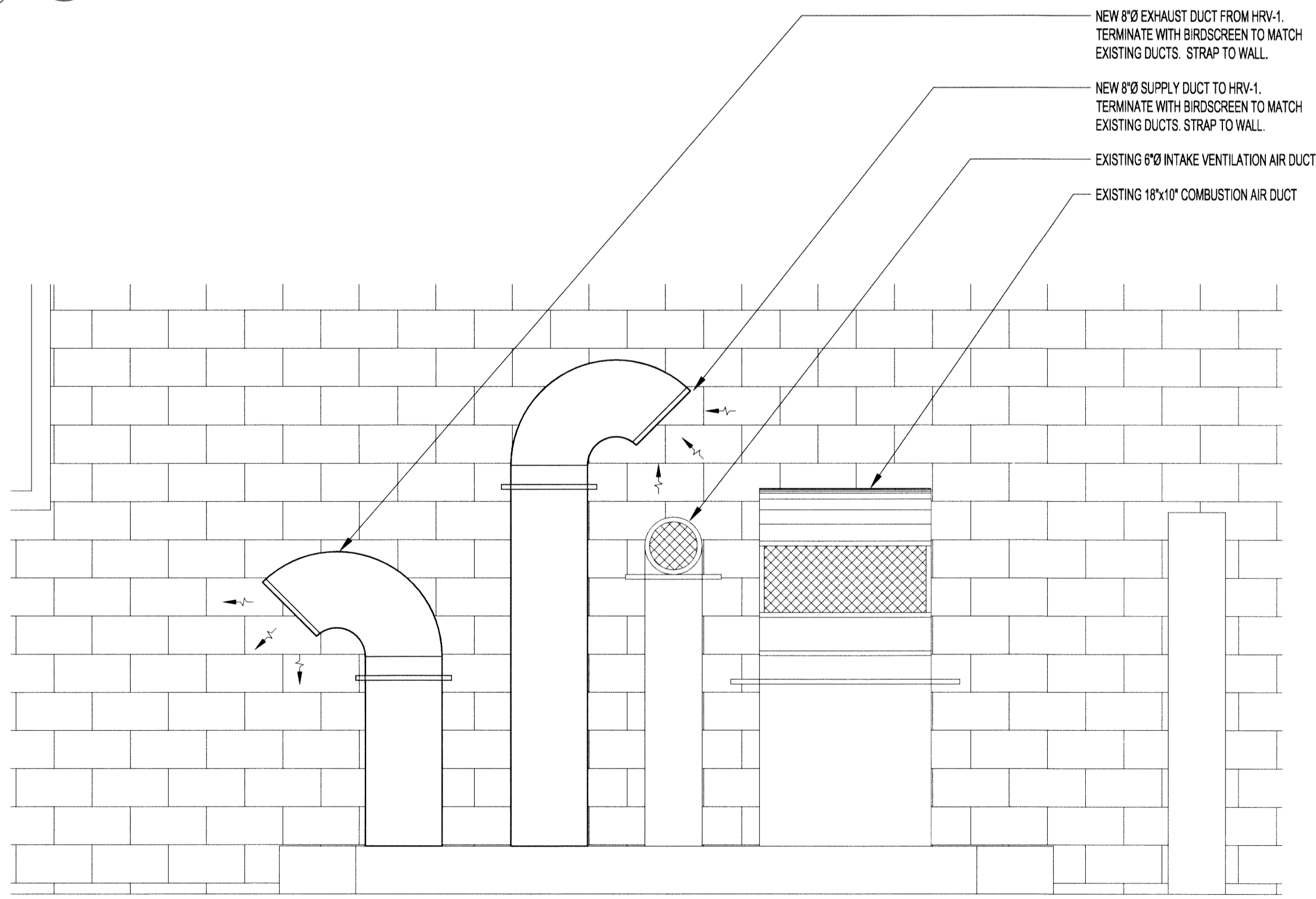
BASEMENT MECHANICAL RENOVATION NOTES:

- 1 EXTEND EXISTING 18"x10" COMBUSTION AND 6"Ø VENTILATION AIR DUCT INTO NEW MECHANICAL ROOM. REINSTALL ESKIMO TRAP FOR COMBUSTION AIR DUCT TERMINATING AT 12" ABOVE FLOOR LEVEL. TERMINATE 6"Ø VENTILATION AIR DUCT AT HIGH LEVEL.
- 2 NEW 8"Ø SUPPLY AND EXHAUST DUCTING TO OUTDOORS. DUCT TO RISE UP THROUGH GRADE-LEVEL GRATE OUTDOORS. SEE DETAIL 2 ON THIS DRAWING.
- 3 PROVIDE WIRE MESH GRILLE FOR OPEN ENDED RETURN INTO HRV-1. CONNECT FLEXIBLE DRAIN PIPING TO HRV-1. RUN DRAIN PIPING INTO MECHANICAL ROOM AND DISCHARGE AT FLOOR LEVEL.
- 4 RUN NEW DUCTING IN CEILING SPACE. GRILLE TO BE FLUSH WITH CEILING.
- 5 ALL DUCTING IN STAIRWELL TO BE ENCLOSED IN FIRE-RATED ENCLOSURE. FIRE-RATING OF ENCLOSURE TO MATCH FIRE-RATING OF STAIRWELL WALL. COORDINATE WITH ARCHITECTURAL. INSULATE INTERIOR OUTDOOR AIR INTAKE DUCTING TO HRV-1 FOR FULL LENGTH.
- 6 INSTALL FIRE DAMPERS IN DUCTING AT FIRE SEPARATION
- 7 CONNECT TO EXISTING COMBUSTION AIR AND VENTILATION AIR DUCTS IN WALL CAVITY.

MECHANICAL SYMBOLS	
SYMBOL	DESCRIPTION
	NEW DUCTWORK
GRILLE DESCRIPTION	
	GRILLE NO. SIZE FLOW RATE

MECHANICAL EQUIPMENT SCHEDULE	
TAG	DESCRIPTION
HRV-1	NU-AIR HEAT RECOVERY VENTILATOR. MODEL NU305, 115V, 170W, C/W 4' POWER CORD AND DEFROST DAMPER.
G1	PRICE 610D SINGLE DEFLECTION SUPPLY AIR GRILLE C/W OPPOSED BLADE DAMPER. PROVIDE SUITABLE BORDER AND FRAME FOR DUCT MOUNTING.

1 BASEMENT FLOOR PLAN - MECHANICAL VENTILATION RENOVATION
M5/M5 SCALE: 1/4"=1'-0"



2 EXTERIOR DUCT ELEVATION
M5/M5 SCALE: NTS

0	ISSUED FOR CONSTRUCTION	DJ	AUG 13 2014
No.	REVISION/DESCRIPTION	BY	DATE

SEAL

2014/07/18

DRAWN	JAW/RCP	CHECKED	RJP	DESIGNED	DJ	APPROVED
DATE	2014.07.14	USER APPROVAL				

THE CITY OF WINNIPEG
PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3-65 GARRY STREET, R3C 4K4

PROJECT
AMBULANCE STATION # 3
STRUCTURAL & OCCUPANCY UPGRADES
DESIGN OF STRUCTURAL UPGRADES
588 ST. MARY'S ROAD

KGS GROUP
CONSULTING ENGINEERS
APEGM
Certificate of Authorization
KGS GROUP
No. 245

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2013-047	M5