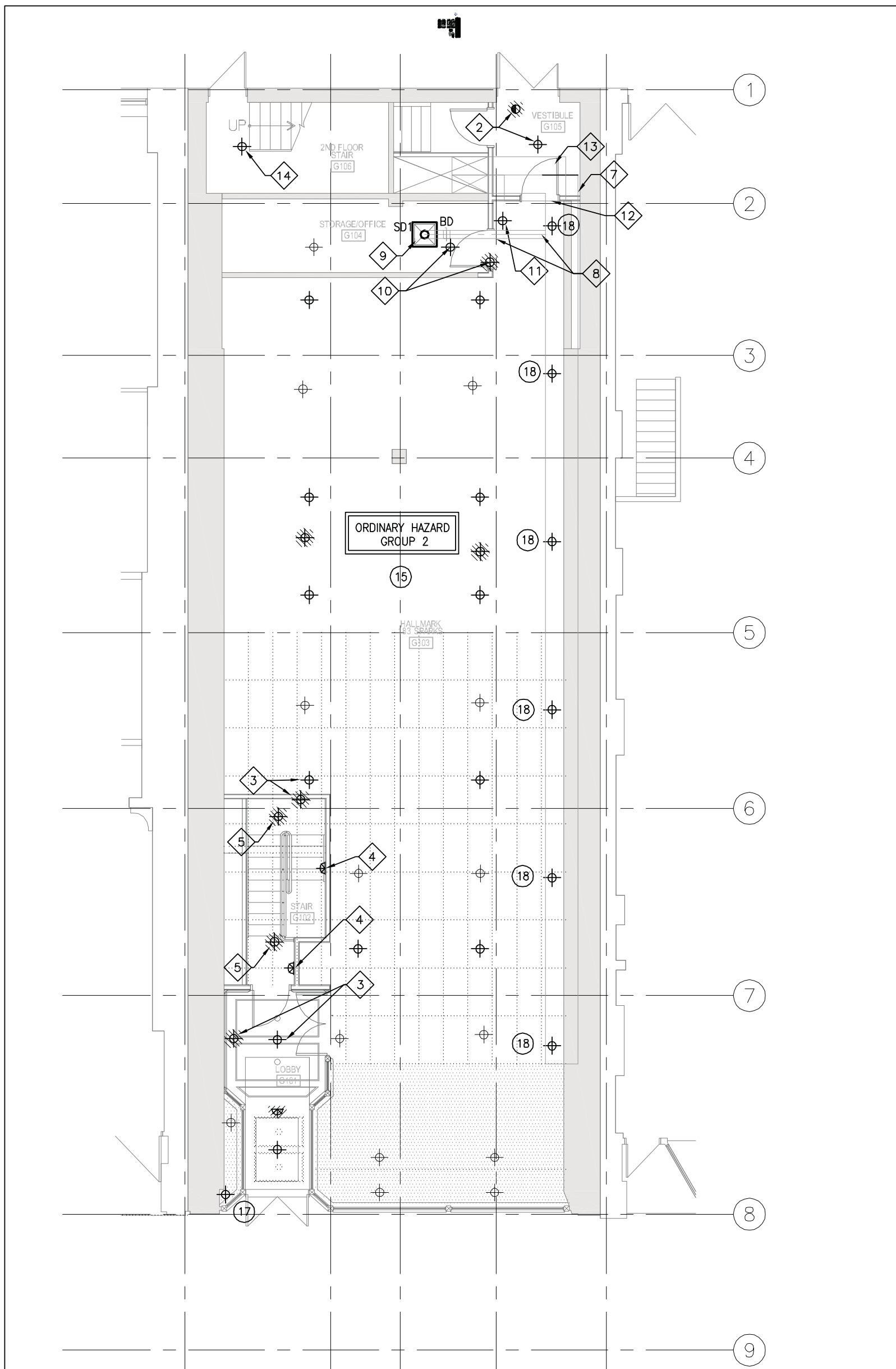
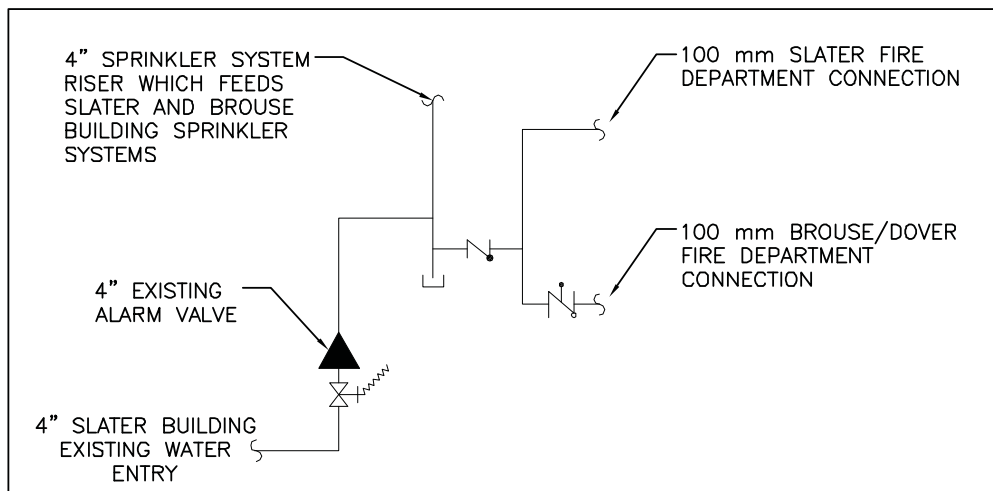


1 BASEMENT PLAN DEMO AND NEW CONSTRUCTION  
SCALE 1 : 100

LEGEND	
ITEM	DESCRIPTION
	NEW/RELOCATED SEMI-RECESSED PENDANT SPRINKLER
	EXISTING SEMI-RECESSED PENDANT SPRINKLER
	EXISTING SEMI-RECESSED PENDANT SPRINKLER TO BE REMOVED/RELOCATED
	NEW SIDEWALL MOUNT SPRINKLER
	NEW UPRIGHT SPRINKLER
	EXISTING UPRIGHT SPRINKLER TO REMAIN
	EXISTING UPRIGHT SPRINKLER TO BE REMOVED
	NEW CONCEALED SPRINKLER
	NEW AND/OR RELOCATED PENDANT SPRINKLER
	EXISTING PENDANT SPRINKLER TO BE REMOVED/RELOCATED
	EXISTING CONCEALED SPRINKLER
	EXISTING ALARM CHECK VALVE
	REFER TO DEFICIENCY NOTES
	REFER TO DRAWING NOTES
	NEW BALANCING DAMPER
	NEW RIGID DUCTWORK
	NEW SUPPLY AIR DIFFUSER



2 GROUND FLOOR PLAN DEMO AND NEW CONSTRUCTION  
SCALE 1 : 100



3 FIRE PROTECTION RISER SCHEMATIC  
(LOCATED IN SLATER BUILDING) SCALE N.T.S.

CONTRACT DOCUMENTS  
CONTRACT DRAWINGS FOR MECHANICAL/FIRE PROTECTION WORK ARE IN PART  
DIAGRAMMATIC INTENDED TO CONVEY THE SCOPE OF WORK AND GENERAL  
ARRANGEMENT FOR SYSTEMS AND EQUIPMENT. CONTRACTOR TO COORDINATE  
LAYOUT OF MECHANICAL/FIRE PROTECTION SYSTEMS WITH ARCHITECTURAL,  
STRUCTURAL, AND ELECTRICAL BUILDING COMPONENTS, AS WELL AS OTHER  
MECHANICAL SYSTEMS. PROVIDE ADDITIONAL PIPING, DUCTING, FITTINGS, SUPPORTS,  
CALCULATIONS, ETC., REQUIRED TO FACILITATE THE WORK. NO EXTRA PAYMENTS  
ARISING FROM FAILURE TO MAKE THIS COORDINATION WILL BE CONSIDERED.

DEFICIENCY ITEMS			
ITEM	LOCATION	DESCRIPTION	CORRECTIVE MEASURES
1	BASEMENT WASHROOM	NO COVERAGE IN SHOWER	ADD ONE PENDENT SPRINKLER AND RELOCATE ONE EXISTING SPRINKLER WITHIN WASHROOM TO PROVIDE COVERAGE
2	BASEMENT STORAGE	SPRINKLER MISSING ESCUTCHEON PLATE	PROVIDE ESCUTCHEON PLATE
3	BASEMENT MECHANICAL AREA	INCOMPLETE COVERAGE	ADD ONE UPRIGHT SPRINKLER TO PROVIDE COVERAGE
4	BASEMENT MECHANICAL AREA	MISSING COVER PLATE	REPLACE RECESSED SPRINKLER COVER PLATE
5	BASEMENT MECHANICAL AREA	INCOMPLETE COVERAGE BEHIND PANEL WALL	ADD ONE UPRIGHT SPRINKLER TO SERVE BEHIND PANELS
6	BASEMENT MECHANICAL AREA	INCOMPLETE COVERAGE	RELOCATE ONE PENDENT SPRINKLER HEAD TO PROVIDE COVERAGE
7	BASEMENT MECHANICAL AREA	INCOMPLETE COVERAGE	ADD ONE UPRIGHT SPRINKLER TO PROVIDE COVERAGE
8	BASEMENT MECHANICAL AREA	INCOMPLETE COVERAGE	ADD ONE UPRIGHT SPRINKLER TO PROVIDE COVERAGE. SPRINKLER TO BE LOW ENOUGH TO COVER UNDER TWO (APPROXIMATELY 750mm) DUCTS
9	BASEMENT MECHANICAL AREA	INCOMPLETE COVERAGE	ADD ONE UPRIGHT SPRINKLER TO PROVIDE COVERAGE
10	BASEMENT MECHANICAL AREA	INCOMPLETE COVERAGE	ADD ONE UPRIGHT SPRINKLER TO PROVIDE COVERAGE
11	BASEMENT MECHANICAL AREA	SPRINKLER TOO CLOSE TO WALL AND TOO FAR BELOW CEILING	RELOCATE SPRINKLER FARTHER FROM WALL AND CLOSER TO CEILING ABOVE
12	BASEMENT MECHANICAL AREA	INCOMPLETE COVERAGE	ADD ONE UPRIGHT SPRINKLER TO PROVIDE COVERAGE
13	BASEMENT ELECTRICAL ROOM	INCOMPLETE COVERAGE	ADD THREE UPRIGHT SPRINKLERS TO PROVIDE COVERAGE WITHIN THE ELECTRICAL ROOM
14	BASEMENT MECHANICAL AREA	INCOMPLETE COVERAGE	ADD ONE UPRIGHT SPRINKLER TO PROVIDE COVERAGE
15	GROUND FLOOR SALES AREA	INADEQUATE SPRINKLER COVERAGE AS PER NFPA 13 ORDINARY HAZARD	PROVIDE TEN SEMI-RECESSED SPRINKLERS AND TWO SEMI-RECESSED SPRINKLERS TO BE DEMOLISHED
16	GROUND FLOOR SALES AREA	SPRINKLER NOT PROVIDED UNDER BULKHEAD	PROVIDE ONE SEMI-RECESSED PENDENT SPRINKLERS TO COVER UNDER BULKHEAD
17	GROUND FLOOR SALES AREA	SPRINKLER NOT PROVIDED UNDER BULKHEAD	PROVIDE ONE SEMI-RECESSED PENDENT SPRINKLERS TO COVER UNDER BULKHEAD
18	GROUND FLOOR SALES AREA	SPRINKLER NOT PROVIDED UNDER BULKHEAD	PROVIDE FIVE SEMI-RECESSED PENDENT SPRINKLERS TO COVER UNDER BULKHEAD
19	BASEMENT B102 STORAGE ROOM	SPRINKLER COVERAGE EXCEEDS MAXIMUM COVERAGE AREA	PROVIDE SIX SEMI-RECESSED PENDENT TO PROVIDE ADEQUATE SPRINKLER COVERAGE AND DEMOLISH TWO SPRINKLERS.

DRAWING NOTES:

- 1 NEW SPRINKLER AT BOTTOM OF STAIR.
- 2 REMOVE SPRINKLER FROM BASEMENT SYSTEM. PROVIDE PENDENT SPRINKLER IN THIS LOCATION. SUPPLY SPRINKLER FROM GROUND FLOOR SYSTEM.
- 3 RELOCATE SEMI-RECESSED SPRINKLER.
- 4 PROVIDE SIDEWALL SPRINKLER AT TOP OF STAIRS.
- 5 REMOVE SEMI-RECESSED SPRINKLER TO ACCOMMODATE STAIR MODIFICATIONS.
- 6 RELOCATE SEMI-RECESSED SPRINKLER TO PROVIDE COVERAGE AS PER NFPA 13 ORDINARY HAZARD.
- 7 EXISTING SUPPLY AIR DUCT; LOCATED ABOVE SUSPENDED CEILING.
- 8 PROVIDE NEW 100Ø BRANCH SUPPLY AIR DUCT C/W THERMAL INSULATION TO SERVE STORAGE ROOM RUN ABOVE CEILING.
- 9 PROVIDE NEW SUPPLY AIR DIFFUSER, TYPE SD1, MOUNTED FLUSH IN T-BAR CEILING. CONTRACTOR SHALL BALANCE AIRFLOW TO PROVIDE 60 L/s (125 CFM) OF SUPPLY AIR.
- 10 RELOCATE SEMI-RECESSED SPRINKLER TO THIS LOCATION
- 11 PROVIDE SEMI-RECESSED SPRINKLER TO COVER HIGH AREA NOT COVERED BY BULKHEAD SPRINKLER
- 12 EXISTING RETURN AIR GRILLE TO BE REMOVED AND REINSTALLED ON RAISED RETURN AIR DUCT.
- 13 EXTEND RETURN AIR DUCT SO THAT GRILLE CAN BE LOCATED ABOVE NEW EXIT CORRIDOR. REFER TO ARCHITECTURAL SECTION FOR ELEVATION.
- 14 PROVIDE SPRINKLER AT THE BOTTOM OF THE STAIRWELL.

300-2611 QUEENSWAY DRIVE  
OTTAWA (ONTARIO)  
CANADA K2B 8K2  
TELEPHONE: 613-829-2850 FAX: 613-829-8299  
WWW.GENIVAR.COM

Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

7	ISSUED FOR TENDER	2014/03/18
6	ISSUED FOR DESIGN REVIEW 100% CD	2013/12/13
5	ISSUED FOR DESIGN REVIEW 99% CD	2013/10/24
4	RE-ISSUED FOR DESIGN REVIEW 66% CD	2013/09/20
3	ISSUED FOR DESIGN REVIEW 66% CD	2013/07/15
2	RE-ISSUED FOR DESIGN REVIEW 33% CD	2013/05/31
1	ISSUED FOR 33% REVIEW	2013/03/29

revisions	description	date

A detail no.  
no. du detail

B location drawing no.  
sur dessin no.

C drawing no.  
dessin no.

project

project

BASE BUILDING CODE DEFICIENCIES

SPARKS STREET

drawing

dessin

BROUSE BLDG BASEMENT & GROUND PLANS - DEMO & NEW

Designed By	A. REES	Conçu par
Date	2013.04.30	(yyyy/mm/dd)
Drawn By	A.WALLACE	Dessiné par
Date	2013.03.29	(yyyy/mm/dd)
Reviewed By	D. VIENS	Examiné par
Date	2013.04.30	(yyyy/mm/dd)
Approved By	K. KUFFNER	Approuvé par
Date	2013.04.30	(yyyy/mm/dd)
Tender		Soumission
Project Manager	Administrateur de projets	
Project no.	No. du projet	
Drawing no.	No. du dessin	

M01