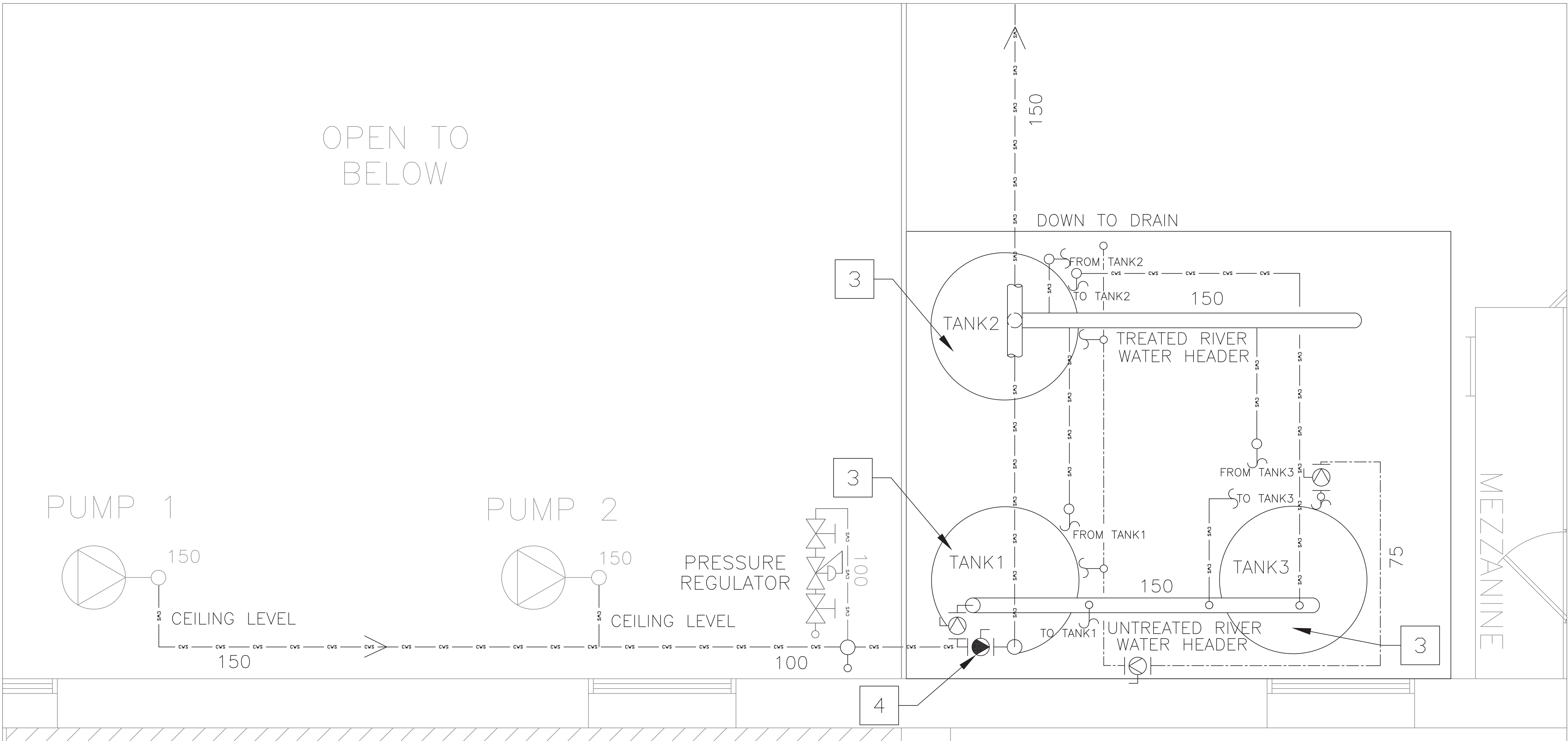


1 TYPICAL EXISTING TANK DETAIL  
M1 N.T.S.



2 BASEMENT AND GROUND FLOOR DEMOLITION  
M1 1:25

### GENERAL NOTES:

- DRAWINGS AND SPECIFICATIONS ARE COMPLIMENTARY AND SHOULD BE READ IN CONJUNCTION. SOME ITEMS MAY BE SHOWN ONLY ON THE DRAWINGS OR ONLY IN THE SPECIFICATIONS, AND ARE TO BE INCLUDED AS PART OF THIS PROJECT. IN CASE OF CONFLICT, THE MOST STRINGENT SHALL APPLY.
- ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE NATIONAL BUILDING CODE AND TO THE RULES, REGULATIONS, REQUIREMENTS, AND BY LAWS OF THE AUTHORITIES HAVING JURISDICTION.
- AFTER ALL DEMOLITION WORK, PATCH AND RESTORE SITE TO MATCH ORIGINAL CONDITIONS.
- CONTRACTOR TO SUPPLY AND INSTALL ANY NECESSARY EQUIPMENT SUPPORTS.

### DRAWING NOTES:

- DISCONNECT RIVER WATER PIPING AT THE INDICATED THREE BUTTERFLY ISOLATION VALVES ON THE TANK SIDE - ONE AT THE UNTREATED WATER HEADER, ONE AT THE TREATED WATER HEADER, AND ONE AT THE DRAIN LINE - FOR EACH OF THE THREE FILTER TANKS. INDICATED BUTTERFLY ISOLATION VALVES (3 PER TANK), HEADERS, AND DRAIN LINE TO REMAIN.
- CO-ORDINATE WITH ELECTRICAL AND CONTROLS CONTRACTORS TO ENSURE ALL NECESSARY WIRING IS DISCONNECTED FROM THE LOCAL FILTER TANK CONTROL PANEL FOR EACH OF THE THREE FILTER TANKS.
- REMOVE FILTER TANKS - TANK 1 (PWGSC 55-007-001), TANK 2 (PWGSC 55-007-002), TANK 3 (PWGSC 55-007-003) - SUPPORTS, ASSOCIATED PIPING, VALVES, AND FITTINGS UP TO THE BUTTERFLY ISOLATION VALVES IDENTIFIED IN NOTE 1.
- EXISTING FILTRATION SYSTEM BY-PASS VALVE AND ASSOCIATED PIPING TO REMAIN.

### LEGEND:

- |  |   |  |   |
|--|---|--|---|
|  | CENTRIFUGAL PUMP, EXISTING TO REMAIN                  |  | GATE VALVE - SAMPLE COCK, NEW                 |
|  | RIVER WATER PUMP, EXISTING TO REMAIN                  |  | GATE VALVE - SAMPLE COCK, DEMOLISH            |
|  | BACKFLOW PREVENTER, EXISTING TO REMAIN                |  | PRESSURE REGULATING VALVE, EXISTING TO REMAIN |
|  | BALANCING VALVE, EXISTING TO REMAIN                   |  | PRESSURE GAUGE, DEMOLISH                      |
|  | BALANCING VALVE, NEW                                  |  | PRESSURE GAUGE, EXISTING TO REMAIN            |
|  | COMBINED BALANCING / CHECK VALVE, NEW                 |  | STRAINER, EXISTING TO REMAIN                  |
|  | BUTTERFLY VALVE - NORMALLY OPEN, EXISTING TO REMAIN   |  | FLOOR DRAIN, EXISTING TO REMAIN               |
|  | BUTTERFLY VALVE - NORMALLY CLOSED, EXISTING TO REMAIN |  | CHILLED WATER SUPPLY, EXISTING TO REMAIN      |
|  | CHECK VALVE, EXISTING TO REMAIN                       |  | CHILLED WATER SUPPLY, NEW                     |
|  | DIAPHRAGM VALVE, EXISTING TO REMAIN                   |  | CHILLED WATER RETURN, EXISTING TO REMAIN      |
|  | DIAPHRAGM VALVE TO DEMOLISH                           |  | SANITARY DRAIN LINE, EXISTING TO REMAIN       |
|  | GATE VALVE - NORMALLY OPEN, EXISTING TO REMAIN        |  | DEMOLISH CHILLED WATER SUPPLY LINE            |
|  | GATE VALVE - NORMALLY CLOSED, EXISTING TO REMAIN      |  |   |

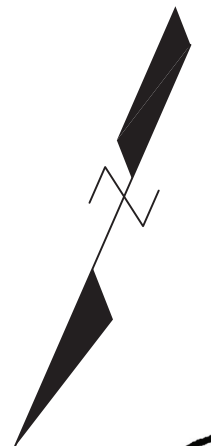
Canada

Public Works and  
Government Services  
Canada  
Real Property  
Branch

Travaux publics et  
Services gouvernementaux  
Canada  
Direction générale  
des biens immobiliers

**RSG**  
**ENGINEERING INC.**

60 TIPPERARY PVT., NEPEAN, ON K2J 2T3  
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Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

3	ISSUED FOR TENDER	2018/01/17
2	ISSUED FOR 100% REVIEW	2017/12/05
1	SUBMITTED FOR 99% REVIEW	2017/11/24
revisions	description	date

A	A detail no. no. du détail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project projet

**CLIFF STREET CHCP  
REPLACE SAND  
FILTERS**

1 FLEET ST., OTTAWA, ON

drawing dessin

**MECHANICAL:  
DEMOLITION**

Designed By	C.G., R.G.	Conçu par
Date	2017/11/24	(yyyy/mm/dd)
Drawn By	C.G.	Dessiné par
Date	2017/11/24	(yyyy/mm/dd)
Reviewed By	R.G.	Examiné par
Date	2017/11/24	(yyyy/mm/dd)
Approved By	R.G.	Approuvé par
Date	2017/11/24	(yyyy/mm/dd)
Tender		Soumission
Project Manager	SEBASTIEN BLAIS	Administrateur de projets
Project no.		No. du projet
	<b>R.084332</b>	
Drawing no.		No. du dessin
	<b>M-1</b>	