

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

GENERAL NOTES:

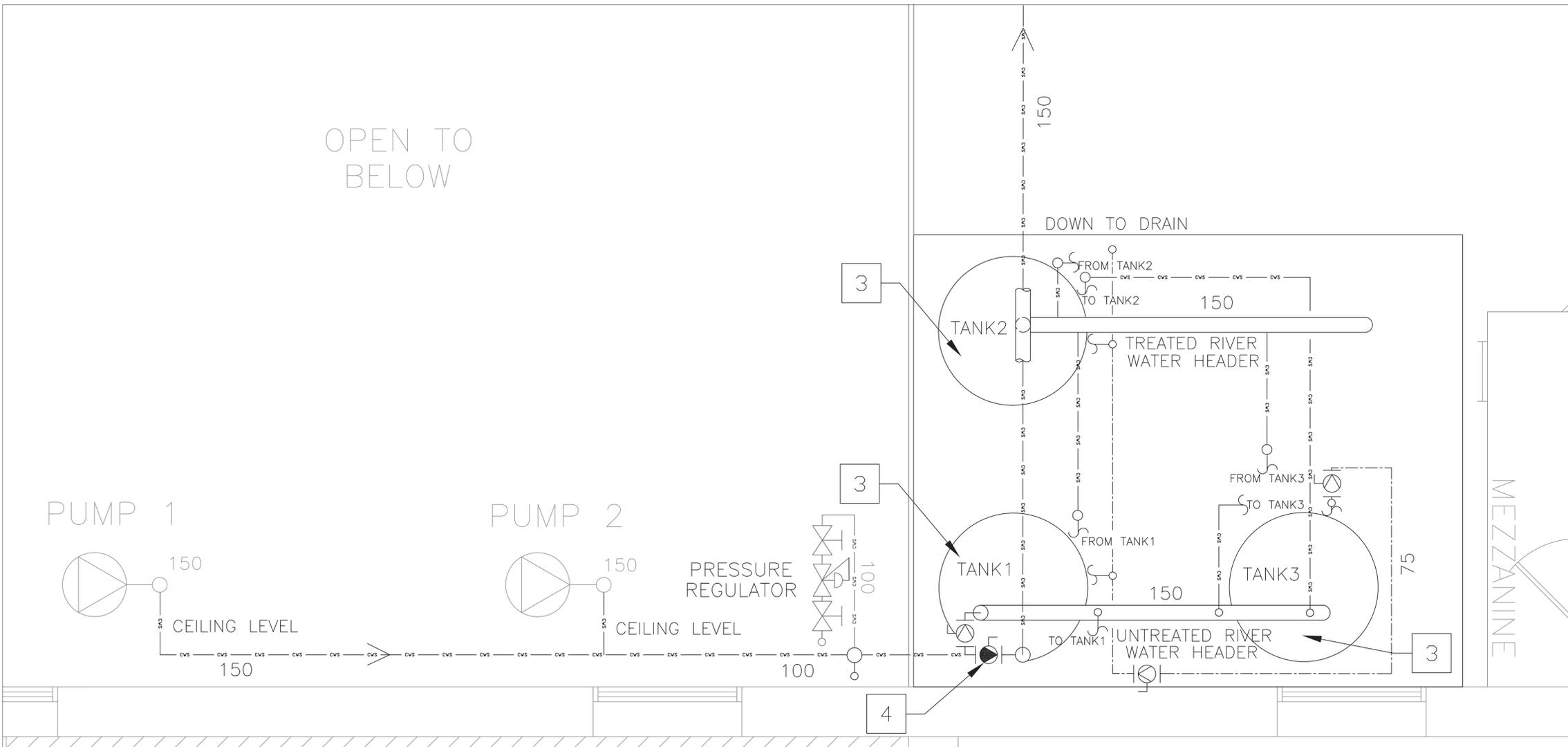
- A. DRAWINGS AND SPECIFICATIONS ARE COMPLIMENTARY AND SHOULD BE READ IN CONJUNCTION. SOME ITEMS MAY BE SHOWN ONLY ON THE DRAWINGS OR ONLY IN THE SPECIFICATIONS, AND ARE TO BE INCLUDED AS PART OF THIS PROJECT. IN CASE OF CONFLICT, THE MOST STRINGENT SHALL APPLY.
- B. ALL WORK IS TO BE PERFORMED IN ACCORDANCE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

DRAWING NOTES:

- 1. 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.
- 2. 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.
- 3. 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.
- 4. EXISTING FILTRATION SYSTEM BY-PASS VALVE AND ASSOCIATED PIPING TO REMAIN.

LEGEND:

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



2 BASEMENT AND GROUND FLOOR DEMOLITION
M1 1:25

Canada

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada
Real Property Branch Direction générale des biens immobiliers

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

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	SEBASTIEN BLAIS	Soumission
Project Manager	Administrateur de projets	
Project no.	No. du projet	
	R.084332	
Drawing no.	No. du dessin	
	M-1	