

**GENERAL NOTES:**

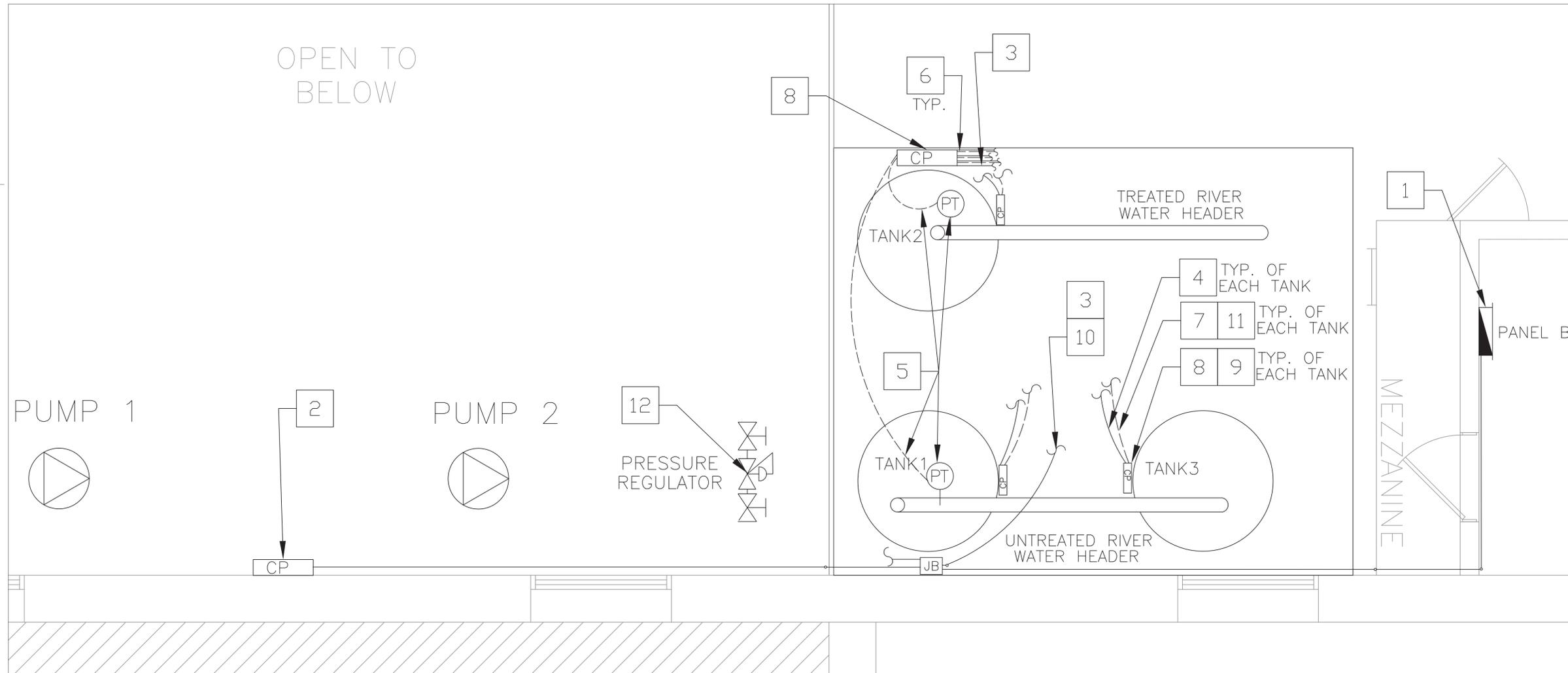
- A. DRAWINGS AND SPECIFICATIONS ARE COMPLIMENTARY AND SHOULD BE READ IN CONJUNCTION. SOME ITEMS MAY BE SHOWN ONLY ON THE DRAWINGS OR ONLY IN THE SPECIFICATIONS, AND ARE TO BE INCLUDED AS PART OF THIS PROJECT. IN CASE OF CONFLICT, THE MOST STRINGENT SHALL APPLY.
- B. ALL ELECTRICAL WORKS TO BE PERFORMED IN ACCORDANCE WITH THE ELECTRIC CODE CSA C22.1, THE ONTARIO HYDRO SUPPLEMENT, AND TO THE RULES, REGULATIONS, REQUIREMENTS, AND BY LAWS OF THE AUTHORITIES HAVING JURISDICTION.
- C. ALL NEW MATERIAL SHALL CARRY CSA APPROVAL.
- D. AFTER ALL DEMOLITION WORK, PATCH AND RESTORE SITE TO MATCH ORIGINAL CONDITIONS.
- E. ELECTRICAL CONTRACTOR TO CO-ORDINATE WITH MECHANICAL CONTRACTOR REGARDING THE USE OF THE EXISTING POWER WIRING SPECIFIED FOR RE-USE WITH THE NEW FILTRATION SYSTEM.

**DRAWING NOTES:**

1. EXISTING FILTRATION UNIT, "PANEL B", LABELED PWGSC 10-212-024, 120/208 V, 3Ø/4W/60Hz, TO REMAIN.
2. EXISTING FILTRATION UNIT POWERED FROM CCT. 10 WITH 15 AMP BREAKER.
3. EXISTING CONTROL PANEL ASSOCIATED WITH RIVER WATER PUMPS 1 AND 2 TO REMAIN.
4. DISCONNECT ELECTRICAL POWER FROM EXISTING MAIN CONTROL PANEL.
5. REMOVE ELECTRICAL POWER WIRING FROM EACH LOCAL CONTROL PANEL ON EACH OF THE THREE TANKS.
6. REMOVE CONTROL WIRING FROM EXISTING PRESSURE TRANSMITTERS TO EXISTING MAIN CONTROL PANEL.
7. REMOVE EXISTING PRESSURE TRANSMITTERS AND CAP.
8. REMOVE CONTROL WIRING FROM EXISTING MAIN CONTROL PANEL.
9. REMOVE CONTROL WIRING FROM EXISTING LOCAL CONTROL PANELS ON EACH TANK.
10. REMOVE EXISTING MAIN CONTROL PANEL AND THE EXISTING LOCAL CONTROL PANELS ON EACH TANK.
11. SUPPLY AND INSTALL THREE CONTROL PANELS AND ASSOCIATED FLOW METERS, ONE FOR EACH NEW TANK, AS PER MANUFACTURER'S INSTRUCTIONS.
12. SUPPLY AND INSTALL ELECTRICAL POWER WIRING FROM "PANEL B" CCT. 10, AND CONNECT TO NEW CONTROL PANELS.
13. SUPPLY AND INSTALL NEW CONTROL WIRING AS PER MANUFACTURER'S RECOMMENDATIONS.
14. ADJUST EXISTING PRESSURE REGULATING VALVE AS REQUIRED TO SUIT NEW FILTRATION SYSTEM PRESSURE AND FLOW LIMITATIONS AND CONTROLS.

**LEGEND:**

-  RIVER WATER PUMP, EXISTING TO REMAIN
-  PRESSURE REGULATING VALVE, EXISTING TO REMAIN
-  PRESSURE TRANSMITTER, DEMOLISH
-  JUNCTION BOX, EXISTING TO REMAIN
-  ELECTRICAL PANEL, EXISTING TO REMAIN



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

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

A	A
C	B C

project / projet  
**CLIFF STREET CHCP REPLACE SAND FILTERS**  
1 FLEET ST., OTTAWA, ON

drawing / dessin  
**ELECTRICAL: POWER AND CONTROLS DEMOLITION AND NEW WORK**

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	Submission
Project Manager	Administrateur de projets	

Project no. / No. du projet  
**R.084332**  
Drawing no. / No. du dessin  
**E-1**