

**FIL-X417/ X418**  
**FILTER COLUMNS**

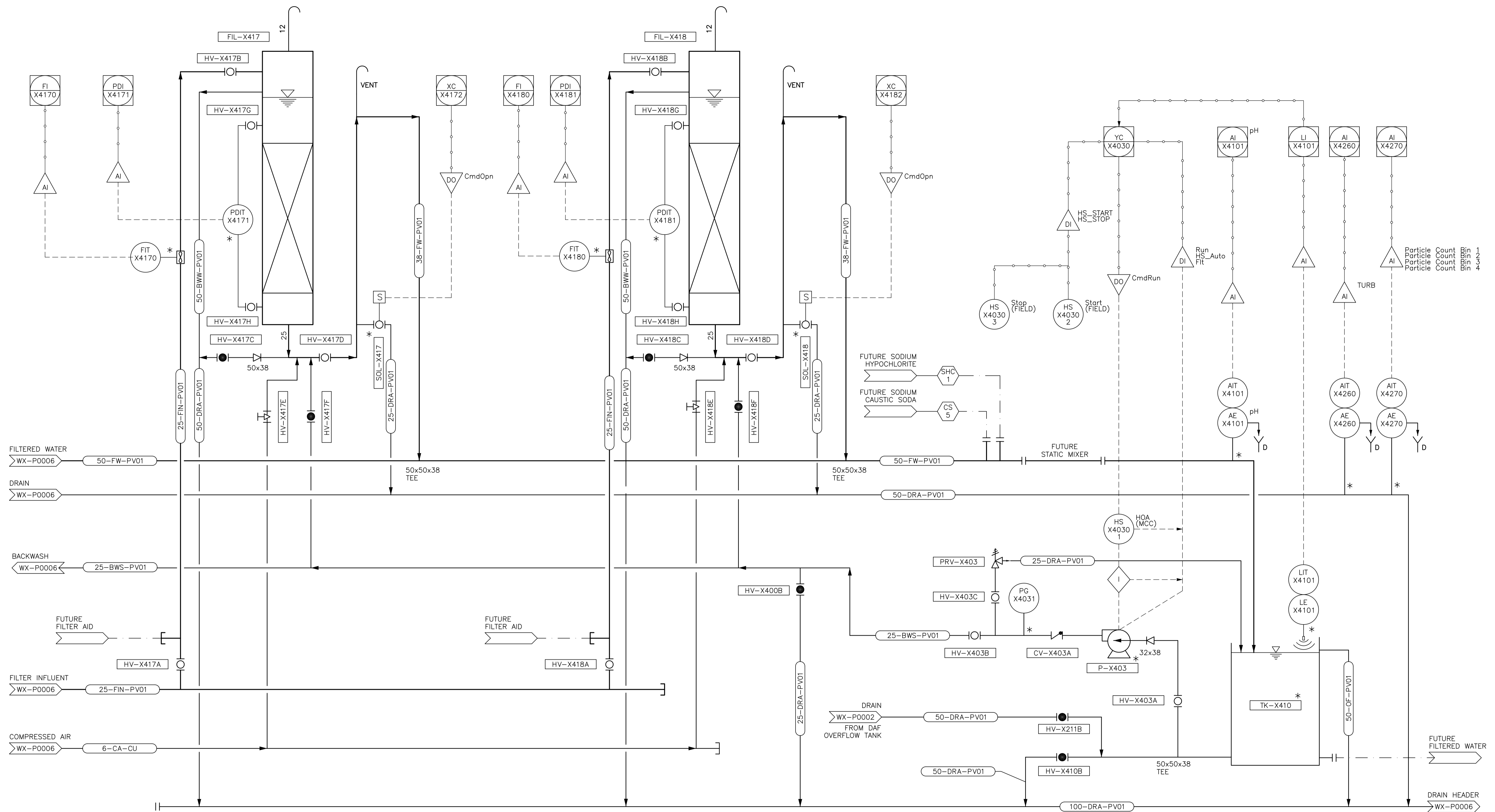
HEIGHT: 6.5m  
 DIAMETER: 150mm

**TK-X410**  
**FILTERED WATER TANK**

SIZE: 2.5m<sup>3</sup>  
 DIAMETER: 1.5m  
 HEIGHT: 1.5m

**P-X403**  
**B/W PUMP**

CONTROL: FIXED SPEED  
 CAPACITY: 0.91 m<sup>3</sup>/hr  
 HEAD: 9.5m



**NOTES:**

\* CITY OF WINNIPEG TO SUPPLY EQUIPMENT/ INSTRUMENTATION.  
 CONTRACTOR TO INSTALL.



B.M. ELEV.			
CONSTRUCTION COMPLETION DATE: YYYY MM DD			
DESIGNED BY	KG	CHECKED BY	BW
DRAWN BY	JBC	APPROVED BY	BW
SCALE:	HORIZONTAL NTS	RELEASED FOR CONSTRUCTION	
	VERTICAL -	DATE	2014 06 13
NO.	REVISIONS	DATE	BY
1	ISSUED FOR BID OP. 1068-2014	15/01/23	JBC
0	ISSUED FOR TENDER	14/06/13	JBC

**CH2MHILL**

DESIGNED BY: KG  
 CHECKED BY: BW  
 DRAWN BY: JBC  
 APPROVED BY: BW  
 SCALE: HORIZONTAL NTS, VERTICAL -  
 DATE: 2014 06 13  
 PLOT DATE: 2015 01 26

ENGINEER'S SEAL  
 PROVINCE OF MANITOBA  
 WILLIAMSON  
 Member  
 22324  
 REGISTERED PROFESSIONAL ENGINEER  
 CONSULTANT DRAWING NUMBER  
**WX-P0007**

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT  
 ENGINEERING DIVISION

**Winnipeg**

CITY OF WINNIPEG WATER TREATMENT RESEARCH AND PROCESS OPTIMIZATION FACILITY  
 PROCESS  
 FILTER BANK B (SHEET 2 OF 2)  
 PROCESS AND INSTRUMENTATION DIAGRAM

SHEET X OF X  
 CITY DRAWING NUMBER  
 1-0601X-P0005-002-01

BID OPPORTUNITY: 1068-2014

FILE PATH: \\WINNIPEG\Pro\WinnipegCityof\462784Waterworks\DWG\DLV\462784-P-0001.dwg