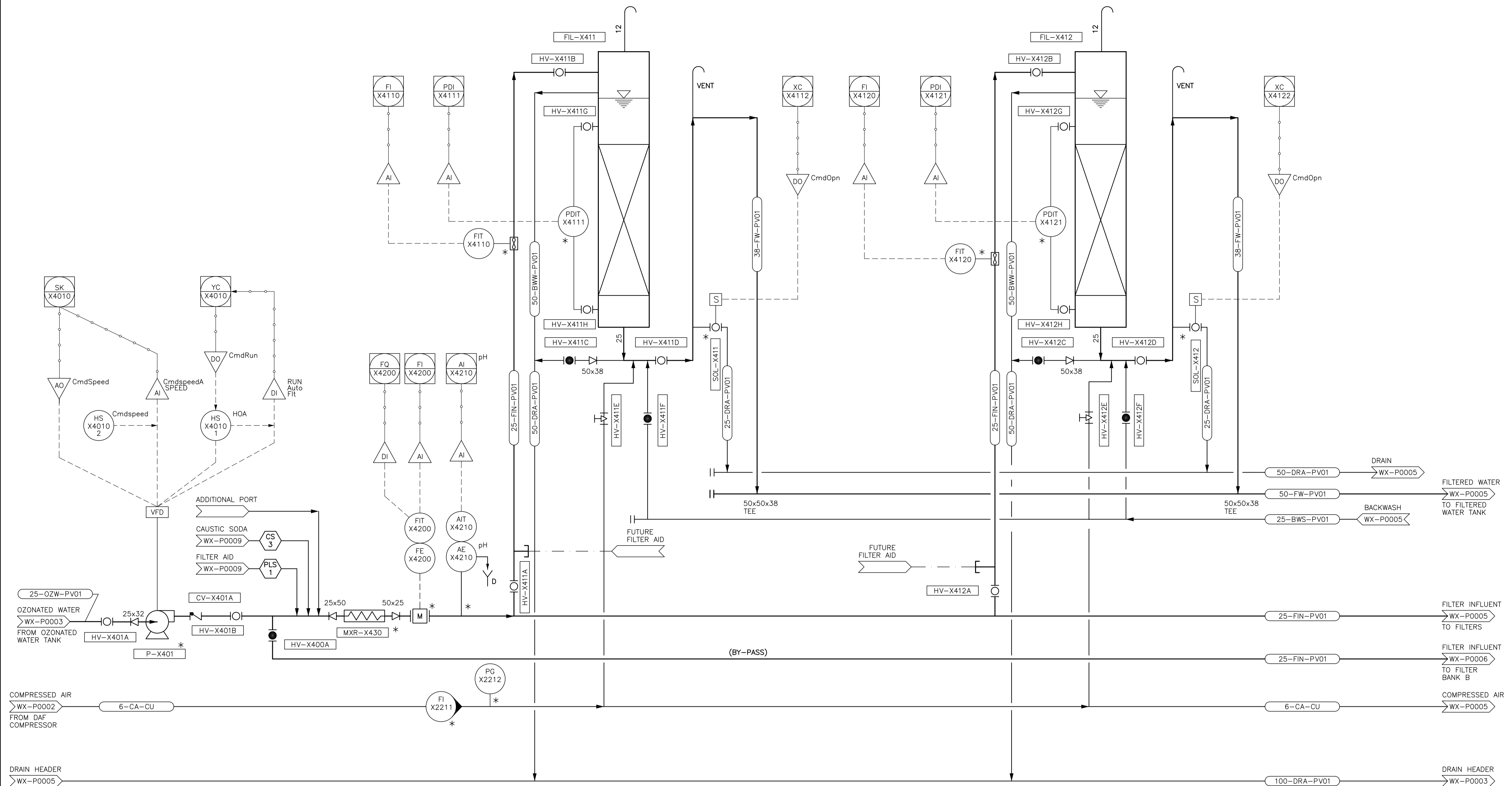


**P-X401**  
**FILTER PUMP**  
 CONTROL: VFD  
 CAPACITY: 2.83 m<sup>3</sup>/h  
 HEAD: 10.8m

**FIL-X411/ X412**  
**FILTER COLUMNS**  
 HEIGHT: 6.5m  
 DIAMETER: 150mm

**MXR-X430**  
**STATIC MIXER**  
 SIZE: 50mm  
 MATERIAL: PVC



**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:	NTS	RELEASED FOR CONSTRUCTION	
HORIZONTAL		DATE	2014 06 13
VERTICAL		DATE	2014 06 13
0 ISSUED FOR TENDER	14/06/13	JBC	
NO.	REVISIONS	DATE	BY

**CH2MHILL**

DESIGNED BY: KG  
 CHECKED BY: BW  
 DRAWN BY: JBC  
 APPROVED BY: BW  
 SCALE: HORIZONTAL: NTS, VERTICAL: -  
 RELEASED FOR CONSTRUCTION: DATE 2014 06 13  
 PLOT DATE: 2014 06 13

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER: WX-P0004

THE CITY OF WINNIPEG  
 WATER AND WASTE DEPARTMENT  
 ENGINEERING DIVISION

CITY OF WINNIPEG WATER TREATMENT RESEARCH AND PROCESS OPTIMIZATION FACILITY  
 PROCESS  
 FILTER BANK A (SHEET 1 OF 2)  
 PROCESS AND INSTRUMENTATION DIAGRAM

SHEET X OF X  
 CITY DRAWING NUMBER  
 1-0601X-P0004-001-00