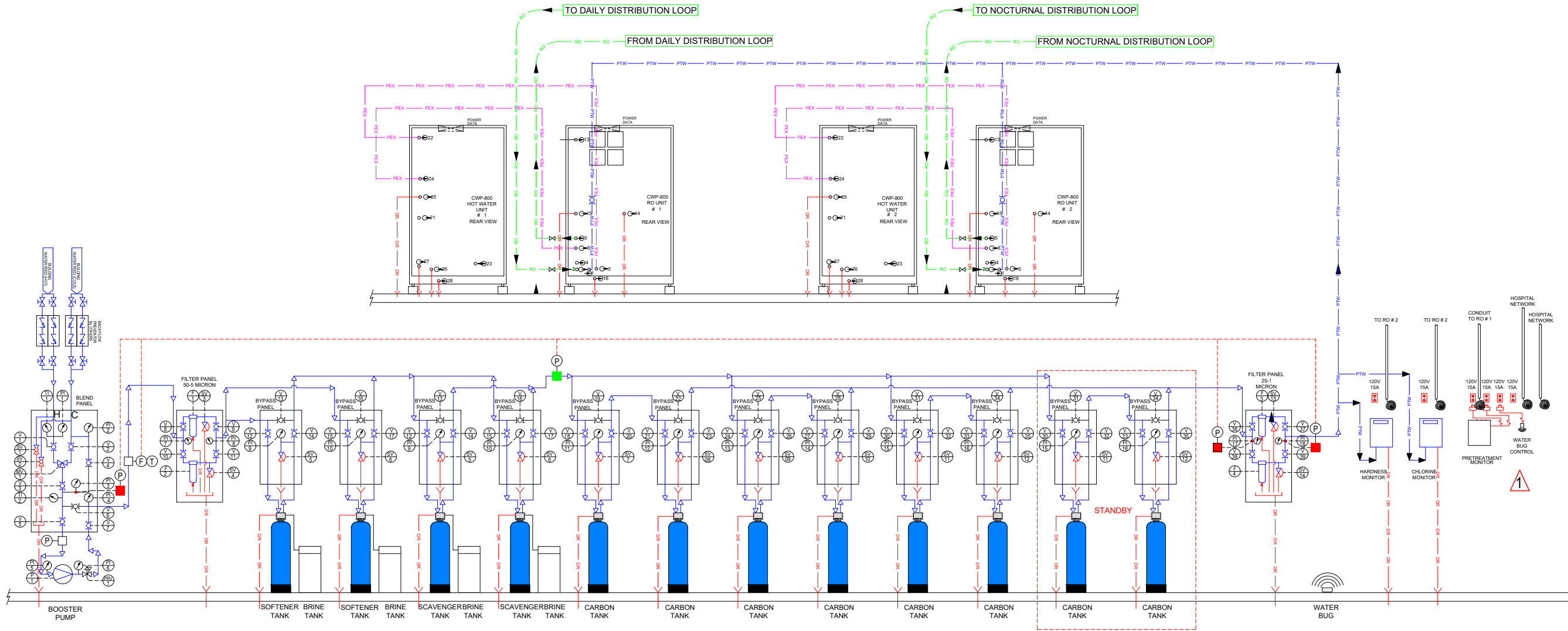



IT IS MANDATORY THAT BAXTER BE INFORMED FOR COORDINATION OF SHOP DRAWINGS OF ANY OTHER COMPONENTS, DEVICES OR OBSTRUCTIONS THAT MAY EFFECT THE LOOP OR WATER ROOM LAYOUT AND INSTALLATION	RESPONSIBILITY FOR CORING THROUGH ANY PARTITION WALLS OR FLOOR ARE UNDER THE DUTIES OF DIVISION 15, NOT BAXTER	RESPONSIBILITY FOR REPAIR, SEALING FIRESTOP OR SMOKE SEAL AS A RESULT OF CORING OR SHIELDING INSTALLED THROUGH ANY PARTITION FALLS UNDER THE DUTIES OF DIVISION 15, NOT BAXTER	MINIMUM INLET WATER FLOW & [PRESSURE] L/min @ 10°C (single & series configurations listed) (Parallel Configuration multiply x 2) 1(+1) membrane modules 37 [0.03 MPa] 2(2+) membrane modules 72 [0.06 MPa] 3(3+) membrane modules 99 [0.10 MPa] 4(+4) membrane modules 117 [0.13 MPa]	MINIMUM OUTLET CAPACITY L/min @ 10°C COUNTER PRESSURE of 0.3 MPa (single & series configurations listed. Parallel Config x 2) 1(+1) membrane modules 24 2(2+) membrane modules 49 3(3+) membrane modules 69 4(+4) membrane modules 82	MINIMUM DRAIN REQUIREMENTS: 40 Litres / minute per RO unit
					BOOSTER PUMP: 208V / 15A / 1 HP NON GFI CIRCUIT RECEPTACLE: 6-15R (HEAVY DUTY)

RO	RO	RO	REVERSE OSMOSIS WATER
PEX	PEX	PEX	INSULATED PEX PIPING
PTW	PTW	PTW	PRETREATED WATER
DR	DR	DR	WATER TO DRAIN

LEGEND		
FLOOR DRAIN POINT		
1	FEED WATER INLET	
2	PRODUCT WATER TO LOOP	
3	PRODUCT WATER TO SECOND R.O.	
4	INLET WATER FROM HW UNIT	
5	RETURN WATER FROM LOOP	
6	RETURN WATER TO HW UNIT	
7	INLET TO RO MEMBRANE (REAR)	
8	OUTLET FROM RO MEMBRANE (REAR)	
9	INLET TO RO MEMBRANE (REAR)	
10	OUTLET FROM RO MEMBRANE (FRONT)	
11	PRODUCT WATER FROM BACK MEMBRANE RO UNIT (OPTIONAL)	
12	PRODUCT WATER FROM FRONT MEMBRANE RO UNIT	
13	PRODUCT WATER FROM PRIMARY RO UNIT (ONLY USED IN SERIES CONFIG)	
14	INLET TANK OVERFLOW DRAIN	
15	REJECT WATER DRAIN	
16	TRAY DRAIN	
21	TO LOOP	
22	REFILL HW DEVICE FROM RO UNIT	
23	TO EXTRA HW TANK	
24	RETURN FROM DISTRIBUTION LOOP/RO UNIT	
25	LOOP DRAIN	
26	TANK OVERFLOW DRAIN	
27	TANK DRAIN	
28	TRAY DRAIN	
31	FEED WATER INLET TO RO MEMBRANE BACK OF EXTENSION UNIT	
32	FEED WATER OUTLET FROM RO MEMBRANE FRONT OF EXTENSION UNIT	
33	PRODUCT WATER FROM EXTENSION UNIT	
34	FEED WATER OUTLET FROM RO MEMBRANE BACK OF EXTENSION UNIT	
35	FEED WATER INLET TO RO MEMBRANE FRONT OF EXTENSION UNIT	
37	PRODUCT WATER FROM BACK MEMBRANE OF EXTENSION UNIT	
38	PRODUCT WATER FROM FRONT MEMBRANE OF EXTENSION UNIT	
39	TRAY DRAIN	
P	PRESSURE TRANSDUCER	
T	TEMPERTURE TRANSDUCER	
F T	DIGITAL FLOW / TEMPERATURE METER	



REVISION HISTORY		
No.	Description.	Date
0	Issued for Information	12.15.22
1	Added PreTx Monitor System	08.23.23



6675 Millcreek Dr.
Unit 1-2
Mississauga, ONTARIO
L5N 5M4

Project Name:
SHN Centenary Site
Margaret Birch Gr FI Expansion

Drawing Title: **Process Flow Diagram**

Drawn By: RG	Approved By:
Scale: D.N.S.	Project #:
Drawing #:	Rev #:

051221-01-03

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