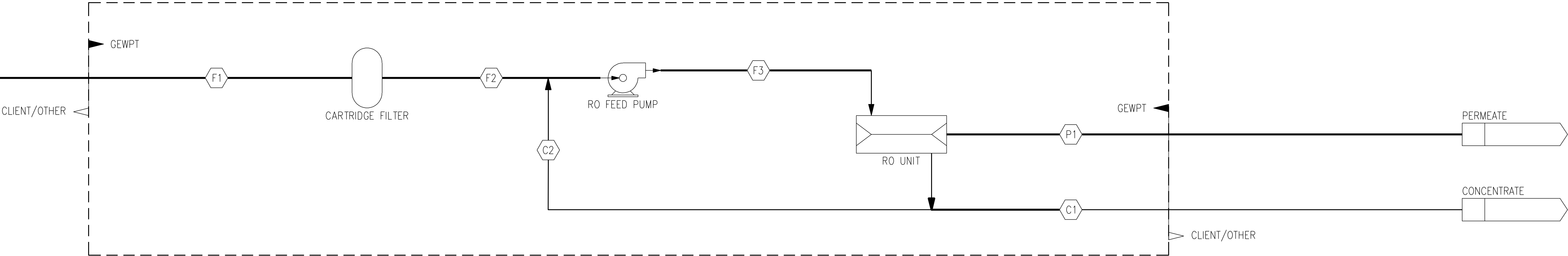



FEED WATER	LIMIT
SILICA	< 40 ppm
BORON	< 0.05 ppm
ALUMINUM	< 0.1 ppm
IRON	< 0.1 ppm
MANGANESE	< 0.05 ppm
SDI 15	< 3.0
MAXIMUM TURBIDITY	< 3.0 NTU
TOC	< 3.0 ppm
OIL & GREASE	< 0.0 ppm
CHLORAMINES	< 0.0 ppm
CONCENTRATION TDS [mg/l]	750-1500 MAX
pH	5.0-8.5
CHLORIDES	250 ppm MAX AS CL ⁻
TEMPERATURE	60-85 F
INLET PRESSURE RANGE	30-60 PSI

UNDETECTABLE LEAD PER GRID 48 ANALYSIS
UNDETECTABLE MERCURY PER GRID 48 ANALYSIS
NOTE: ACTUAL FEEDWATER SPECIFICATIONS NEED TO BE REVIEWED PRIOR TO FINAL DESIGN.



STREAM	F1	F2	F3	C1	C2	P1
DESCRIPTION	SYSTEM FEED	PUMPS FEED	PUMP DISCHARGE/MEMBRANES FEED	CONCENTRATE OUTLET	CONCENTRATE RETURN	PERMATE OUTLET
FLOW – DESIGN (GPM)	63-67	75-80	75-80	13-17	13	50
CONC – DESIGN NaCl TDS (MG/L)	1500	2500	2500	6000-7500	6000-7500	50
PRESSURE – DESIGN (PSIG)	30-60	15-55	265-305	10	15-55	10
MAX VELOCITY – DESIGN (FT/SEC)	7.28	8.70	7.03	3.09	1	5.44
VELOCITY – RANGE (FT/SEC)	<=8	<=8	<=10	<=8	<=8	<=8
PIPE SIZE	2.0	2.0	2.0	1.5	1.5	2.0
PIPE MATERIAL	PVC	PVC	SS	PVC	PVC/SS	PVC

This document is for illustration purposes.
Data should not be used for final design or construction.

REV	DESCRIPTION	ECO	DWN	APVD	DATE	CHKD	TOLERANCES UNLESS NOTED DECIMALS .XX ± .XXX ± FRAC ±	DRAWN BY JMR	DATE 22Aug08	<div><div><div>GE</div><div>Water & Process Technologies</div><div>GLOBAL HEADQUARTERS : TREVOSE, PA USA +1-215-355-3300 WWW.GEWATER.COM</div></div></div>	CLIENT/JOB	DWG DESCRIPTION		SIZE	DRAWING NO.	REV
								CHECKED BY CJ	DATE 09Apr09			PFD,RO,PRO-50GPM		D	1305130	C
C	ADD MATERIAL MASTER P/N'S	14442	KA	BRB	17Dec10	BjB		APPROVED BY NL	DATE 09Apr09			PROJECT				
B	REVISED TABLE	13996	TA	CJ	25Jun09	NL		APPROVED BY	DATE			MATERIAL/BOM NO. 3033171,3033177		SCALE NONE	SHEET 1 OF 1	
A	INITIAL RELEASE	13701	-	-	-	-					FILE ACR2007					

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