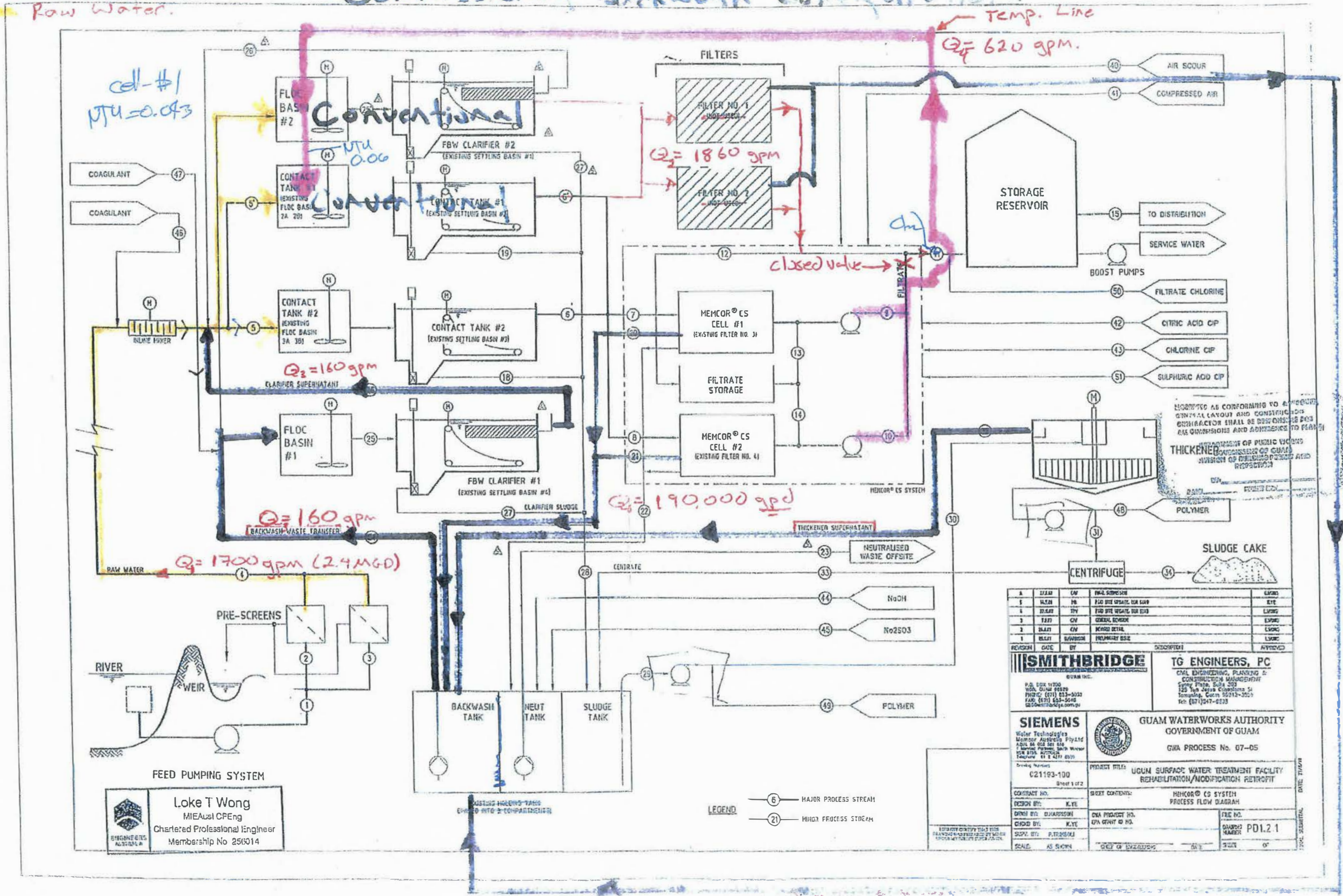


— Recycled  
— Membrane Treated  
— Raw Water

# Commissioning Backwash Configuration

Membrane Filtrate Wastage



**Loke T Wong**  
 MIEAust CPEng  
 Chartered Professional Engineer  
 Membership No 256014

NO.	ITEM	QTY	UNIT	REVISION	DATE	BY	DESCRIPTION	APPROVED
1	CLAM	10	EA					
2	VALVE	10	EA					
3	FLANGE	10	EA					
4	PIPE	10	EA					
5	ELBOW	10	EA					
6	TEE	10	EA					
7	FLANGE	10	EA					
8	VALVE	10	EA					
9	PIPE	10	EA					
10	ELBOW	10	EA					
11	TEE	10	EA					

<b>SMITHBRIDGE</b> CIVIL ENGINEERING, PLANNING & CONSTRUCTION MANAGEMENT 125 The Arcade, Suite 202 Honolulu, Hawaii 96813-3525 Phone: (808) 533-3333 Fax: (808) 533-3444 Website: www.smithbridge.com		<b>TG ENGINEERS, PC</b> CIVIL ENGINEERING, PLANNING & CONSTRUCTION MANAGEMENT 125 The Arcade, Suite 202 Honolulu, Hawaii 96813-3525 Phone: (808) 533-3333 Fax: (808) 533-3444 Website: www.tgengineers.com	
<b>SIEMENS</b> Water Technologies Memorial Avenue, Plympton P.O. Box 100, Plympton Victoria 3113, Australia Phone: (61) 395 841 841 Fax: (61) 395 841 841 Email: water@siemens.com.au		<b>GUAM WATERWORKS AUTHORITY</b> GOVERNMENT OF GUAM GWA PROCESS No. 07-05	
Drawing Number: C21193-100 Sheet 1 of 2	PROJECT TITLE: UGUM SURFACE WATER TREATMENT FACILITY REHABILITATION/MODIFICATION RETROFIT	CONTRACT NO.: DESIGN BY: DATE:	SHEET CONTENTS: MEMCOR CS SYSTEM PROCESS FLOW DIAGRAM
DESIGN BY: CHECK BY: DATE:	CIVIL PROJECT NO. GWA GWAIT 07-05	FILE NO.: DRAWING NUMBER: PDL2.1	DATE: 7/20/07 TIME: 10:00 AM