

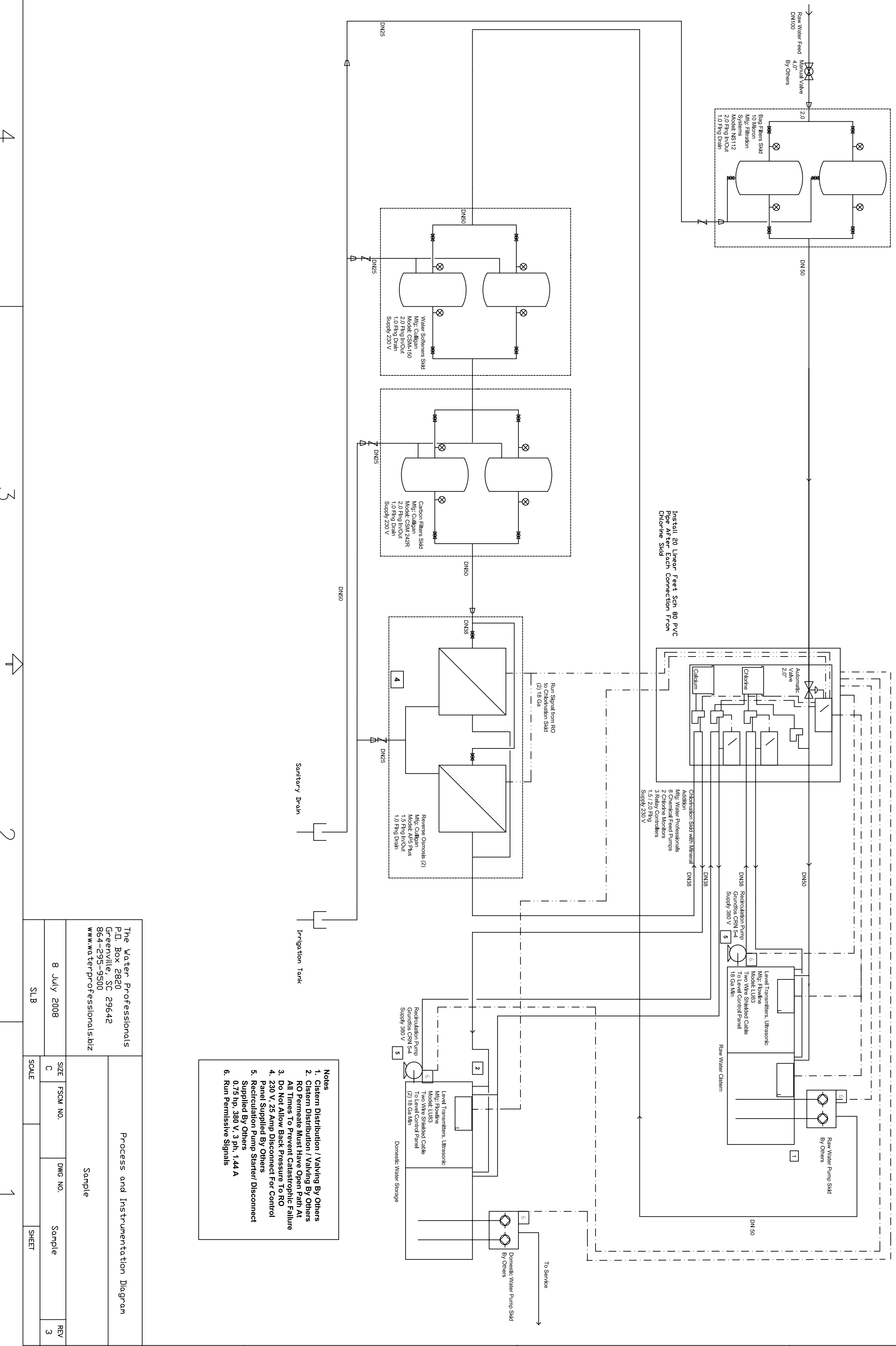
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ZONE	REV	DESCRIPTION	DATE	APPROVED



Install 20 Linear Feet Sch 80 PVC Pipe After Each Connection From Chlorine SMD

Chlorination SMD with Mineral Addition
Mfg: Water Professionals
Model: URS
2 Chlorine Monitors
3 Relay Controllers
Supply: 230 V
1.5 / 2.0 Fmg

Recirculation Pump
Grundfos CRN 5-4
Supply: 380 V

Level Transmitters, Ultrasonic
Mfg: Flowline
Model: URS
Two Wire Shielded Cable To Level Control Panel

Reverse Osmosis (2)
Mfg: Calligan
Model: AP5 Plus
1.5 Fmg In/Out
1.0 Fmg Drain

Level Transmitters, Ultrasonic
Mfg: Flowline
Model: URS
Two Wire Shielded Cable To Level Control Panel

Domestic Water Pump SMD
By Others

Notes
 1. Cistern Distribution / Valving By Others
 2. Cistern Distribution / Valving By Others
 RO Permeate Must Have Open Path At All Times To Prevent Catastrophic Failure
 3. Do Not Allow Back Pressure To RO Panel Supplied By Others
 4. 230 V, 25 Amp Disconnect For Control Panel Supplied By Others
 5. Recirculation Pump Starter/ Disconnect Supplied By Others
 6. Run Permissive Signals

The Water Professionals
 P.O. Box 2820
 Greenville, SC 29642
 864-295-9500
 www.waterprofessionals.biz

Process and Instrumentation Diagram

Sample

8 July 2008	SIZE	FSCM NO.	DWG NO.	REV
SL B	C		Sample	3
	SCALE		SHEET	

A

B

C

D

A

B

C

D

4

3

2

1