



WELL #1 PUMP
 PUMP TYPE: SUBMERSIBLE
 MFR: GOULDS
 MODEL: 10GS 20
 MOTOR: 2 HP
 CAPACITY: 16 GPM

WELL #4 PUMP
 PUMP TYPE: SUBMERSIBLE
 MFR: GOULDS
 MODEL: 40GS 30
 MOTOR: 3 HP
 CAPACITY: 33 GPM

**FM-1, FM-2
 MECHANICAL FLOWMETER**
 MFR: BADGER METER CO.
 MODEL: RECORDALL
 SIZE: 1"
 CAPACITY: 70 GPM MAX

**DCBP
 BACKFLOW PREVENTER**
 MFR: WATTS
 MODEL: 007M2QT-S
 SIZE: 1 1/2" DIA
 CAPACITY: 50 GPM
 PRESS. DROP: 4.8 PSIG @ 50 GPM

**MP-100
 CHEMICAL FEED
 METERING PUMP**
 MFR: MILTON ROY/LMI
 MODEL: AA-944-D50H1
 CAPACITY: 0 TO 0.42 GPH
 CHEMICAL: NaOCl
 CONNECTIONS: 0.25" O.D.

**DT-100
 CHEMICAL DAY TANK**
 MFR: MILTON ROY/LMI
 MODEL: 26350
 CAPACITY: 50 GAL
 MATL: MOLDED PE

**SM-100
 STATIC MIXER**
 MFR: WESTFALL MFG
 MODEL: 2800
 DIAMETER: 1.5"
 MATERIALS: 304 SS

**MX-100
 MECHANICAL AGITATOR**
 MFR: MILTON ROY/LMI
 MODEL: 10590
 MOTOR: 1/20 HP 115VAC 1PH
 SHAFT: 3/4" LG
 WETTED MATL: 303 SS

**GSF-1, GSF-2, GSF-3
 GREENSAND FILTRATION SYSTEM**
 VESSEL DIMS: 36"DIA X 72"HT
 OPERATING CONFIG: PARALLEL
 DESIGN FLOWRATE: 35 GPM - TOTAL
 17.5 GPM/VESSEL
 PROCESS TYPE: CATALYTIC OXIDATION
 OPERATION: CONTINUOUS
 MEDIA: ANTHRACITE - 18"
 GREENSAND PLUS - 24"
 OPERATING CYCLE: 48,480 GAL/VESSEL

**CF-1, CF-2
 CARTRIDGE FILTERS**
 MFR: PENTEK/AMETEK
 MODEL: #150235
 INLET/OUTLET: 1 1/2" DIA
 LENGTH: 20"
 STYLE: BIG BLUE
 PRESS. RELIEF: YES

**CP-1
 SPILL CONTAINMENT PALLET**
 MFR: INTERSTATE PRODUCTS
 MODEL: 1620
 VOLUME: 66 GALLONS
 MATL: PE
 LOAD CAPACITY: 2,000 LBS

ISSUE	DATE	REVISION	BY	CHK

NWSI
NORTHEAST
Water Solutions

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PRUDENCE ISLAND WATER DISTRICT

IRON AND MANGANESE TREATMENT SYSTEM

PUBLIC WATER SYSTEM UPGRADE

PIPING & INSTRUMENTATION DIAGRAM

FILE NUMBER	DATE	PROJECT NUMBER	DRAWING NUMBER
92812P1	9-28-12	928.12	P-1