-SAMPLE COCK MAGNETIC FLOWMETER PRESSURE GAUGE PRESSURE INDICATING TRANSMITTER FLOW INDICATING TRANSMITTER ANALYSIS ELEMENT DENOTES TYPE OF ANALYSIS CL - RESIDUAL CHLORINE T - TURBIDITY UVT - ULTRAVIOLET TRANSMITTANCE ANALYSIS INDICATING TRANSMITTER LEVEL SENSING ELEMENT LEVEL SWITCH LEVEL TRANSMITTER TEMPERATURE TRANSMITTER TEMPERATURE SENSOR LOSS OF ECHO CONTACT INDICATOR/CONTROLLER/RECORDER PLC CONTROL SHARED DISPLAY PLC CONTROL WITH HIGH AND LOW ALARMS INTERLOCK LOGIC ULTRASONIC SIGNAL ί) RF LINK

NOMINAL PIPE SIZE:

200 - 8" 150 - 6" 100 - 4" 80 - 3" 65 - 2 1/2" 50 - 2" 40 - 1 1/2" 20 - 3/4" 15 - 1/2"

- RAW WATER
- PERMEATE WATER
- POTABLE WATER
- REJECT WATER
- CL CL - CHLORINE LINE
- CAUSTIC SODA LINE
- ANTISCALANT LINE
- BACKWASH WATER

LINE COLOR/SERVICE CODE:

GREEN - RAW/PRE-TREATED WATER (RW)
BROWN - WASTE WATER (WW)
BLUE - TREATED/FILTERED WATER (TW)
BLUE - RO WATER (RO)
WHITE - AIR (A)

LINE TAG:



LINE MATERIAL CODES

PVC = PVC PRESSURE PIPE, SCH 80

SS = 304L STAINLESS STEEL, SCH 80, THD (PIPE)

CU = COPPER

SST = 304L STAINLESS STEEL (TUBING)

DWV = PVC DWV

HDPE = HIGH DENSITY POLY ETHLYN

VALVE TAG:

BF-BUTTERFLY VALVE
CK-CHECK VALVE
GA-GATE VALVE
BA-BALL VALVE
AV-AIR RELEASE VALVE

XX-XX

SEQUENCE NUMBER
VALVE IDENTIFIER

0 13/04/23 ISSUED FOR REGULATORY

NO. YY/MM/DD DESCRIPTION

REVISIONS / ISSUE

ARNASON INDUSTRIES
CRANE RIVER

CRANE RIVER, MANITOBA

WATER TREATMENT PLANT UPGRADES

PROCESS AND INSTRUMENTATION

DWG. DESCRIPTION:

DIAGRAM — LEGEND

ENG. STAMP

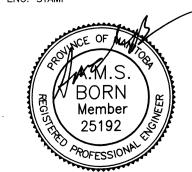
ENG. STAMP

AMB



No. 245 Date: 13/04/23

KGS Group



	DESIGN BY:	DATE:
	AMB	13/02/25
NGS	DESIGN CHECKS:	DATE: 13/04/23
GROUP	DRAWN BY:	DATE:
CONSULTING	MAB	13/04/22
ENGINEERS	DWG CHECK:	DATE: 13/04/23
DWC NO		