

three inches = one foot
 one and one-half inches = one foot
 one inch = one foot
 three-quarters inch = one foot
 one-half inch = one foot
 three-eighths inch = one foot
 one-quarter inch = one foot
 one-eighth inch = one foot

BUILDING 2 DDC POINTS LIST																		
SYSTEM COMPONENT	POINT ID	SYSTEM OUTPUTS			SYSTEM INPUTS							SYSTEM SOFTWARE / CONTROL						
		DIGITAL	ANALOG	PERCENT	DIGITAL	ANALOG						ALARM	PROCESSING	APPLICATION / FUNCTION				
		COMMAND	POSITION	STATUS	CURRENT	PRESSURE	DIFFERENTIAL PRESSURE	LEVEL	FLOW	TEMPERATURE	CONDUCTIVITY	CHLORINE	DATA (COM LINE)	EQUIPMENT STATUS	LOW LIMIT	HIGH LIMIT	LEAD / LAG	START / STOP
INCOMING DOMESTIC COLD WATER																		
PRESSURE						X									X	X		
CHLORINE RESIDUAL												X			X	X		
TEMPERATURE										X						X		
COPPER SILVER IONIZATION 2A-CI-1																		
CIRCULATING PUMP 2A-P-1					X									X				
CIRCULATING PUMP 2A-P-2					X									X				
DOMESTIC WATER FLOW													X					
STATUS													X	X				
COPPER ANALYZER													X					
DOMESTIC HOT WATER SYSTEM																		
HOT WATER SUPPLY TEMPERATURE										X					X	X		
HOT WATER RETURN TEMPERATURE										X					X			
EXISTING RECIRCULATING PUMP					X									X				
EXISTING RECIRCULATING PUMP					X									X				
REMOTE DOMESTIC COLD WATER TEMPERATURES (SEE PLUMBING DWGS FOR QUANTITIES)										X						X		
REMOTE DOMESTIC HOT WATER TEMPERATURES (SEE PLUMBING DWGS FOR QUANTITIES)										X					X			
REMOTE CHLORINE RESIDUAL												X			X			

NOTES: 1. REFER TO PLUMBING DRAWINGS FOR DDC PANELS, INSTRUMENTATION, AND EQUIPMENT.
 2. PROVIDE 24 VOLT POWER TO CHLORINE ANALYZERS.

BUILDING 7 DDC POINTS LIST																		
SYSTEM COMPONENT	POINT ID	SYSTEM OUTPUTS			SYSTEM INPUTS							SYSTEM SOFTWARE / CONTROL						
		DIGITAL	ANALOG	PERCENT	DIGITAL	ANALOG						ALARM	PROCESSING	APPLICATION / FUNCTION				
		COMMAND	POSITION	STATUS	CURRENT	PRESSURE	DIFFERENTIAL PRESSURE	LEVEL	FLOW	TEMPERATURE	CONDUCTIVITY	CHLORINE	DATA (COM LINE)	EQUIPMENT STATUS	LOW LIMIT	HIGH LIMIT	LEAD / LAG	START / STOP
INCOMING DOMESTIC COLD WATER																		
PRESSURE						X												
CHLORINE RESIDUAL												X						
TEMPERATURE										X						X		
COPPER SILVER IONIZATION 7A-CI-1																		
CIRCULATING PUMP 7A-P-3					X									X				
CIRCULATING PUMP 7A-P-4					X									X				
DOMESTIC WATER FLOW													X					
STATUS													X	X				
COPPER ANALYZER													X					
DOMESTIC HOT WATER SYSTEM																		
HOT WATER SUPPLY TEMPERATURE										X					X	X		
HOT WATER RETURN TEMPERATURE										X					X			
RECIRCULATING PUMP 7A-P-1					X									X				
RECIRCULATING PUMP 7A-P-2					X									X				
REMOTE DOMESTIC COLD WATER TEMPERATURES (SEE PLUMBING DWGS FOR QUANTITIES)										X						X		
REMOTE DOMESTIC HOT WATER TEMPERATURES (SEE PLUMBING DWGS FOR QUANTITIES)										X					X			
REMOTE CHLORINE RESIDUAL												X			X			

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 2. PROVIDE 24 VOLT POWER TO CHLORINE ANALYZERS.

BUILDING 2A DDC POINTS LIST																		
SYSTEM COMPONENT	POINT ID	SYSTEM OUTPUTS			SYSTEM INPUTS							SYSTEM SOFTWARE / CONTROL						
		DIGITAL	ANALOG	PERCENT	DIGITAL	ANALOG						ALARM	PROCESSING	APPLICATION / FUNCTION				
		COMMAND	POSITION	STATUS	CURRENT	PRESSURE	DIFFERENTIAL PRESSURE	LEVEL	FLOW	TEMPERATURE	CONDUCTIVITY	CHLORINE	DATA (COM LINE)	EQUIPMENT STATUS	LOW LIMIT	HIGH LIMIT	LEAD / LAG	START / STOP
INCOMING DOMESTIC COLD WATER																		
PRESSURE						X									X	X		
CHLORINE RESIDUAL												X			X	X		
TEMPERATURE										X						X		
COPPER SILVER IONIZATION 2A-CI-1																		
CIRCULATING PUMP 2A-P-3					X									X				
CIRCULATING PUMP 2A-P-4					X									X				
DOMESTIC WATER FLOW													X					
STATUS													X	X				
COPPER ANALYZER													X					
DOMESTIC HOT WATER SYSTEM																		
HOT WATER SUPPLY TEMPERATURE										X					X	X		
HOT WATER RETURN TEMPERATURE										X					X			
RECIRCULATING PUMP 2A-P-1														X				
RECIRCULATING PUMP 2A-P-2														X				
REMOTE DOMESTIC COLD WATER TEMPERATURES (SEE PLUMBING DWGS FOR QUANTITIES)										X						X		
REMOTE DOMESTIC HOT WATER TEMPERATURES (SEE PLUMBING DWGS FOR QUANTITIES)										X					X			
REMOTE CHLORINE RESIDUAL												X			X			

NOTES: 1. REFER TO PLUMBING DRAWINGS FOR DDC PANELS, INSTRUMENTATION, AND EQUIPMENT.
 2. PROVIDE 24 VOLT POWER TO CHLORINE ANALYZERS.

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Revisions	Date	 Atrix, plc 102 3rd Avenue, NE PO Box 1628, Hickory, NC 28603 Phone: 828.315.9962 Fax: 828.315.9964 www.atrigrp.com	 WileyWilson 127 Natterville Drive Lynchburg, VA 24502 Phone: 434.947.1901 www.wileywilson.com		Approved: Energy Engineer	Approved: Safety Manager	Approved: Service Chief	Drawing Title	Project Title	Date				
					CONSTRUCTION DOCUMENTS	Approved: Infection Control Officer	Approved: Chief of Staff	M-702 DDC POINTS LIST	RENOVATE FOR WATER QUALITY	04/28/2017				
						Approved: GEMS Coordinator	Approved: Associate Director				Approved: Chief of Facility Management Svcs.	Building Number	Checked	Drawn
						Approved: Medical Center Director	2A.6.7				MJG	JFC		
VA MEDICAL CENTER, SALEM, VA 24153									Project No.	658-15-101	DRAWING SET	2592	Dwg. 137 Of 155	

Veterans Affairs