

 SNC • LAVALIN	<h2>Automation Equipment List</h2>	Document Code	A-0102-AELI-A001
		Revision	01
Client City of Winnipeg			
Project SEWPCC Upgrading/Expansion Project			
Package / Area All Areas			

Notes / Comments

This list contains the Automation equipment that will be installed as part of this project. It includes control panels, networking panels, power supply panels, workstations, junction boxes, and other stand-alone automation equipment. Instruments are not listed here, refer to the area specific instrument lists. This list is not exhaustive and is provided only as a reference. The Contractor is responsible for providing all automation equipment required by the design documents, regardless of whether it is shown on this list.

Rev. 01: Items highlighted in yellow indicate a change from the previous revision and the order of items was revised.

Revisions					
Rev	Description	Date	By	Checked	Approved
00	Issued for Construction - 976-2016	2017-04-05	M. Wang	T. Church	T. Church
01	Issued for Addendum 5 - 976-2016	2017-07-13	S. Boghosian	T. Church	T. Church

Process Area	Functional Identifier	Equip Number	Identifier	Description	Location	Previous Identifier	Location Plan Drawing	Notes
Legend								
Existing								
A	CW	881	CW-A881	Process Simulator Workstation	NA		NA	Part of stand alone system.
A	CWO	882	CWO-A882	Simulator Operator Workstation	NA		NA	Part of stand alone system.
B	CP	820-1	CP-B820-1	Process RIO Cabinet - RIO-P800-4	Service Building Control Room	PCU-SI, CAB 17	1-0102-AGAD-B001	Cabinet for DCS Migration
B	CP	820-2	CP-B820-2	Termination Unit Cabinet	Service Building Control Room	PCU-SI, CAB 18	1-0102-AGAD-B001	Cabinet for DCS Migration
B	CP	821	CP-B821	Field Device Panel	Service Building Control Room	FDP-B	1-0102-AGAD-B001	
B	CW	878	CW-B878	Programming/Maintenance Workstation	Service Building Instrumentation Office		1-0102-AGAD-B001	
B	PRN	880	PRN-B880	Printer	Service Building Control Room		1-0102-AGAD-B001	Provided by the City
B	CWO	881	CWO-B881	Operator Workstation	Service Building Control Room		1-0102-AGAD-B001	
B	NP	906	NP-B906	Administration Network Cabinet	Service Building Hallway		SEP-909	Existing cabinet does not have an identifier.
B	NAP	911	NAP-B911	Wireless Network Access Point	Service Building Control Room		1-0102-AGAD-B001	
B	NAP	912	NAP-B912	Wireless Network Access Point	Service Building Instrumentation Office		1-0102-AGAD-B001	
B	DS	6106	DS-B6106	Temperature Valve TV-B6106 Disconnect Switch Junction Box	Service Building Mechanical Room		-	Located near associated device
C	JBA	0101	JBA-C0101	Holding Tank Level Transmitter LIT-C0101 Junction Box	South of Chemical Fill Station 2		1-0102-AGAD-C016	
C	JBA	0102	JBA-C0102	Holding Tank Level Switch LSH-C0102 Junction Box	South of Chemical Fill Station 2		1-0102-AGAD-C016	
C	JBA	0103	JBA-C0103	Holding Tank Leak Switch XS-C0103 Junction Box	South of Chemical Fill Station 2		1-0102-AGAD-C016	
C	LCP	0111	LCP-C0111	Bioreactor Ferric Chloride Pump P-C111 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	JBA	0111	JBA-C0111	Ductbank Sump Level Switches LSH-C0111 and LSHH-C0111	Chemical Containment Room		1-0102-AGAD-C011	Provided by Skid Vendor
C	LCP	112	LCP-C112	Bioreactor Ferric Chloride Pump P-C112 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	113	LCP-C113	Bioreactor Ferric Chloride Pump P-C113 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	114	LCP-C114	Bioreactor Ferric Chloride Pump P-C114 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	115	LCP-C115	Bioreactor Ferric Chloride Pump P-C115 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	116	LCP-C116	Bioreactor Ferric Chloride Pump P-C116 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	121	LCP-C121	HRC Ferric Chloride Pump P-C121 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	122	LCP-C122	HRC Ferric Chloride Pump P-C122 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	123	LCP-C123	HRC Ferric Chloride Pump P-C123 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	131	LCP-C131	HRC Ferric Chloride Pump P-C131 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	132	LCP-C132	HRC Ferric Chloride Pump P-C132 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	133	LCP-C133	HRC Ferric Chloride Pump P-C133 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	0201	LCP-C0201	Chemical Fill Panel No. 1	Chemical Fill Station 1		1-0102-AGAD-C016	
C	LCP	0202	LCP-C0202	Chemical Fill Panel No. 2	Chemical Fill Station 2		1-0102-AGAD-C016	
C	LCP	211	LCP-C211	Sodium Hypochlorite Pump P-C211 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	212	LCP-C212	Sodium Hypochlorite Pump P-C212 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	221	LCP-C221	Sodium Hypochlorite Pump P-C221 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	222	LCP-C222	Sodium Hypochlorite Pump P-C222 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	223	LCP-C223	Sodium Hypochlorite Pump P-C223 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	231	LCP-C231	Sodium Hydroxide Pump P-C231 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	232	LCP-C232	Bioreactor Ferric Chloride Pump P-C232 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	241	LCP-C241	Bioreactor Ferric Chloride Pump P-C241 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	242	LCP-C242	Bioreactor Ferric Chloride Pump P-C242 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	311	LCP-C311	Sodium Bisulphite Pump P-C311 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	312	LCP-C312	Sodium Bisulphite Pump P-C312 Control Panel	Chemical Containment Room		1-0102-AGAD-C012	Provided by Skid Vendor
C	LCP	400	LCP-C400	FRS/HRC Dry Polymer Mixing Control Panel	Chemical Loading Platform		1-0102-AGAD-C015	Provided By Polymer Mixing System Vendor
C	LCP	411	LCP-C411	FRS/HRC RDT Post Dilution Polymer Pump P-C411 Control Panel	Chemical Containment Room		1-0102-AGAD-C011	Provided by Skid Vendor
C	LCP	412	LCP-C412	FRS/HRC RDT Post Dilution Polymer Pump P-C412 Control Panel	Chemical Containment Room		1-0102-AGAD-C011	Provided by Skid Vendor
C	LCP	413	LCP-C413	FRS/HRC RDT Post Dilution Polymer Pump P-C413 Control Panel	Chemical Containment Room		1-0102-AGAD-C011	Provided by Skid Vendor
C	LCP	414	LCP-C414	FRS/HRC RDT Post Dilution Polymer Pump P-C414 Control Panel	Chemical Containment Room		1-0102-AGAD-C011	Provided by Skid Vendor
C	LCP	415	LCP-C415	FRS/HRC RDT Post Dilution Polymer Pump P-C415 Control Panel	Chemical Containment Room		1-0102-AGAD-C011	Provided by Skid Vendor
C	LCP	420	LCP-C420	WAS Dry Polymer Mixing Control Panel	Chemical Loading Platform		1-0102-AGAD-C015	Provided By Polymer Mixing System Vendor
C	LCP	431	LCP-C431	WAS RDT Post Dilution Polymer Pump P-C431 Control Panel	Chemical Containment Room		1-0102-AGAD-C011	Provided by Skid Vendor
C	LCP	432	LCP-C432	WAS RDT Post Dilution Polymer Pump P-C432 Control Panel	Chemical Containment Room		1-0102-AGAD-C011	Provided by Skid Vendor
C	LCP	433	LCP-C433	WAS RDT Post Dilution Polymer Pump P-C433 Control Panel	Chemical Containment Room		1-0102-AGAD-C011	Provided by Skid Vendor
C	LCP	440	LCP-C440	HRC Building Dry Polymer Mixing Control Panel	Chemical Loading Platform		1-0102-AGAD-C015	Provided By Polymer Mixing System Vendor
C	LCP	451	LCP-C451	HRC Post Dilution Polymer Pump P-C451 Control Panel	Chemical Containment Room		1-0102-AGAD-C010	Provided by Skid Vendor
C	LCP	452	LCP-C452	HRC Post Dilution Polymer Pump P-C452 Control Panel	Chemical Containment Room		1-0102-AGAD-C010	Provided by Skid Vendor
C	LCP	453	LCP-C453	HRC Post Dilution Polymer Pump P-C453 Control Panel	Chemical Containment Room		1-0102-AGAD-C010	Provided by Skid Vendor
C	LCP	460	LCP-C460	Secondary Clarifiers Dry Polymer Mixing Control Panel	Chemical Loading Platform		1-0102-AGAD-C015	Provided By Polymer Mixing System Vendor
C	LCP	471	LCP-C471	Secondary Clarifier Post Dilution Polymer Pump P-C471 Control Panel	Chemical Containment Room		1-0102-AGAD-C010	Provided by Skid Vendor
C	LCP	472	LCP-C472	Secondary Clarifier Post Dilution Polymer Pump P-C472 Control Panel	Chemical Containment Room		1-0102-AGAD-C010	Provided by Skid Vendor
C	LCP	560	LCP-C560	Fuel Filling Control Panel	Generator Room North Exterior Wall		1-0102-AGAD-C014	Provided by Fuel Storage and Transfer System Vendor
C	LCP	563	LCP-C563	Fuel Transfer Control Panel	Generator Room		1-0102-AGAD-C014	Provided by Fuel Storage and Transfer System Vendor
C	LCP	565	LCP-C565	Fuel Filtration Control Panel	Generator Room		1-0102-AGAD-C014	Provided by Fuel Storage and Transfer System Vendor
C	JBA	625-1	JBA-C625-1	Cable Service Room Electric Unit Heater UH-C625-1 Junction Box	Cable Service Room		-	Located near associated device
C	JBA	625-2	JBA-C625-2	Cable Service Room Electric Unit Heater UH-C625-2 Junction Box	Cable Service Room		-	Located near associated device
C	CP	641	CP-C641	Air Conditioning Unit ACU-C641 Wired Remote Controller Panel	Electrical Room		1-0102-EGAD-C001-001	Provided by ACU Vendor
C	JBA	641	JBA-C641	Air Conditioning Unit ACU-C641 Junction Box	Electrical Room		1-0102-EGAD-C001-001	

Process Area	Functional Identifier	Equip Number	Identifier	Description	Location	Previous Identifier	Location Plan Drawing	Notes
Legend								
Existing								
C	CP	642	CP-C642	Air Conditioning Unit ACU-C642 Wired Remote Controller Panel	Electrical Room		1-0102-EGAD-C001-001	Provided by ACU Vendor
C	JBA	642	JBA-C642	Air Conditioning Unit ACU-C642 Junction Box	Electrical Room		1-0102-EGAD-C001-001	
C	CP	643	CP-C643	Air Conditioning Unit ACU-C643 Wired Remote Controller Panel	Electrical Room		1-0102-EGAD-C001-001	Provided by ACU Vendor
C	JBA	643	JBA-C643	Air Conditioning Unit ACU-C643 Junction Box	Electrical Room		1-0102-EGAD-C001-001	
C	CP	644	CP-C644	Air Conditioning Unit ACU-C644 Wired Remote Controller Panel	Electrical Room		1-0102-EGAD-C001-001	Provided by ACU Vendor
C	JBA	644	JBA-C644	Air Conditioning Unit ACU-C644 Junction Box	Electrical Room		1-0102-EGAD-C001-001	
C	CP	645	CP-C645	Air Conditioning Unit ACU-C645 Wired Remote Controller Panel	Electrical Room		1-0102-EGAD-C001-001	Provided by ACU Vendor
C	JBA	645	JBA-C645	Air Conditioning Unit ACU-C645 Junction Box	Electrical Room		1-0102-EGAD-C001-001	
C	CP	646	CP-C646	Air Conditioning Unit ACU-C646 Wired Remote Controller Panel	Automation Room		1-0102-AGAD-C001	Provided by ACU Vendor
C	JBA	646	JBA-C646	Air Conditioning Unit ACU-C646 Junction Box	Automation Room		1-0102-AGAD-C001	
C	JBA	654	JBA-C654	Mechanical Room 1 Gas Unit Heater UH-C654 Junction Box	Mechanical Room 1		-	Located near associated device
C	JBA	655	JBA-C655	Mechanical Room 2 Gas Unit Heater UH-C654 Junction Box	Mechanical Room 2		-	Located near associated device
C	JBA	663-1	JBA-C663-1	Generator Room Gas Unit Heater UH-C663-1 Junction Box	Generator Room		-	Located near associated device
C	JBA	663-2	JBA-C663-2	Generator Room Gas Unit Heater UH-C663-2 Junction Box	Generator Room		-	Located near associated device
C	CP	820	CP-C820	Process PLC and Device Network Equipment Cabinet - PLC-C800	Automation Room		1-0102-AGAD-C001	
C	PSP	820	PSP-C820	Power Supply Cabinet	Automation Room		1-0102-AGAD-C001	
C	CP	821	CP-C821	Process RIO Cabinet - RIO-C800-1	Automation Room		1-0102-AGAD-C001	
C	PSP	821	PSP-C821	Power Supply Cabinet	Automation Room		1-0102-AGAD-C001	
C	CP	822	CP-C822	Process RIO Cabinet - RIO-C800-2	Automation Room		1-0102-AGAD-C001	
C	CP	823	CP-C823	Process RIO Cabinet - RIO-C800-3	Electrical Room		1-0102-EGAD-C001-001	
C	CP	826	CP-C826	HVAC PLC Cabinet - PLC-C806	Mechanical Room 1		1-0102-AGAD-C002	
C	CP	827	CP-C827	HVAC RIO Cabinet - RIO-C806-1	Mechanical Room 1		1-0102-AGAD-C002	
C	JBA	831-1	JBA-C831-1	Polymer Area 24 VDC Junction Box	Chemical Containment Room		1-0102-AGAD-C010	
C	JBA	831-2	JBA-C831-2	Polymer Area 4-20 mA Junction Box	Chemical Containment Room		1-0102-AGAD-C010	
C	JBA	831-3	JBA-C831-3	24 VDC Power Supply Junction Box	Chemical Containment Room		1-0102-AGAD-C010	
C	JBA	832	JBA-C832	24 VDC Discrete Signal Junction Box	Chemical Containment Room		1-0102-AGAD-C012	
C	JBA	833	JBA-C833	24 VDC Discrete Signal Junction Box	Chemical Containment Room		1-0102-AGAD-C012	
C	JBA	834	JBA-C834	24 VDC Power Supply Junction Box	Chemical Containment Room		1-0102-AGAD-C012	
C	JBA	835	JBA-C835	24 VDC Power Supply Junction Box	Chemical Loading Platform		1-0102-AGAD-C015	
C	ADP	850-2	ADP-C850-2	PROFIBUS PA Segment Protector Device Panel	Chemical Loading Platform		1-0102-AGAD-C015	
C	ADP	850-3	ADP-C850-3	PROFIBUS PA Segment Protector Device Panel	Chemical Loading Platform		1-0102-AGAD-C015	
C	ADP	851	ADP-C851	PROFIBUS PA Segment Protector Device Panel	Chemical Containment Room		1-0102-AGAD-C012	
C	ADP	852-1	ADP-C852-1	PROFIBUS PA Segment Protector Device Panel	Chemical Containment Room		1-0102-AGAD-C012	
C	ADP	852-2	ADP-C852-2	PROFIBUS PA Segment Protector Device Panel	Chemical Containment Room		1-0102-AGAD-C012	
C	ADP	853-1	ADP-C853-1	PROFIBUS PA Segment Protector Device Panel	Chemical Containment Room		1-0102-AGAD-C010	
C	ADP	853-2	ADP-C853-2	PROFIBUS PA Segment Protector Device Panel	Chemical Containment Room		1-0102-AGAD-C011	
C	ADP	861	ADP-C861	PROFIBUS PA Segment Protector Device Panel	Chemical Containment Room		1-0102-AGAD-C012	
C	ADP	862-1	ADP-C862-1	PROFIBUS PA Segment Protector Device Panel	Chemical Containment Room		1-0102-AGAD-C012	
C	ADP	862-2	ADP-C862-2	PROFIBUS PA Segment Protector Device Panel	Chemical Containment Room		1-0102-AGAD-C011	
C	ADP	860-1	ADP-C860-1	PROFIBUS PA Segment Protector Device Panel	Chemical Loading Platform		1-0102-AGAD-C015	
C	ADP	860-2	ADP-C860-2	PROFIBUS PA Segment Protector Device Panel	Chemical Loading Platform		1-0102-AGAD-C015	
C	CWO	881	CWO-C881	Operator Workstation	Automation Room		1-0102-AGAD-C001	
C	NP	900	NP-C900	Network Cabinet	Automation Room		1-0102-AGAD-C001	
C	NP	906	NP-C906	Administration Network Cabinet	Automation Room		1-0102-AGAD-C001	
C	JBA	1811	JBA-C1811	Ferric Chloride Spill Level Switch LSH-C1811 and LSHH-C1811 Junction Box	Chemical Containment Room		1-0102-AGAD-C012	
C	JBA	2811	JBA-C2811	Sodium Hypochlorite Spill Level Switches LSH-C2811 and LSHH-C2811 Junction Box	Chemical Containment Room		1-0102-AGAD-C012	
C	JBA	3811	JBA-C3811	Sodium Bisulphite Spill Level Switches LSH-C3811 and LSHH-C3811 Junction Box	Chemical Containment Room		1-0102-AGAD-C012	
C	JBA	4811	JBA-C4811	FRS/HRC Polymer Spill Level Switch LSH-C4811 and LSHH-C4811 Junction Box	Chemical Loading Platform		1-0102-AGAD-C015	
C	JBA	4821	JBA-C4821	FRS/HRC Polymer Spill Level Switch LSH-C4821 and LSHH-C4821 Junction Box	Chemical Containment Room		1-0102-AGAD-C011	
C	JBA	4851	JBA-C4851	HRC Polymer Spill Level Switch LSH-C4851 and LSHH-C4851 Junction Box	Chemical Loading Platform		1-0102-AGAD-C015	
C	JBA	4861	JBA-C4861	HRC Polymer Spill Level Switch LSH-C4861 and LSHH-C4861 Junction Box	Chemical Containment Room		1-0102-AGAD-C010	
C	JBA	5012	JBA-C5012	Sump Level Switch LSH-C5012 Junction Box	Gallery 7		-	Located near associated device
C	JBA	6131	JBA-C6131	Exhaust Fan EF-C613 and XV-C6131 Junction Box	Mechanical Room 2 Roof		-	Located near associated device
C	JBA	6141	JBA-C6141	Exhaust Fan EF-C614 and XV-C6141 Junction Box	Mechanical Room 2 Roof		-	Located near associated device
C	JBA	6151	JBA-C6151	Exhaust Fan EF-C615 and XV-C6151 Junction Box	Mechanical Room 2 Roof		-	Located near associated device
C	JBA	6161	JBA-C6161	Exhaust Fan EF-C616 and XV-C6161 Junction Box	Mechanical Room 2 Roof		-	Located near associated device
C	JBA	6208	JBA-C6208	AHU-C640 Intake Damper FV-C6208	Mechanical Room 1		-	Located near associated device
C	JBA	6211	JBA-C6211	Exhaust Fan EF-C621 and XV-C6211 Junction Box	Mechanical Room 2		-	Located near associated device
C	JBA	6511	JBA-C6511	Exhaust Fan EF-C651 Intake Damper XV-C6511 Junction Box	Mechanical Room 1		-	Located near associated device
C	JBA	6512	JBA-C6512	Exhaust Fan EF-C651 Outlet Damper XV-C6512 Junction Box	Mechanical Room 1		-	Located near associated device
C	JBA	6521	JBA-C6521	Exhaust Fan EF-C652 Intake Damper XV-C6521 Junction Box	Mechanical Room 2		-	Located near associated device
C	JBA	6522	JBA-C6522	Exhaust Fan EF-C652 Outlet Damper XV-C6522 Junction Box	Mechanical Room 2		-	Located near associated device
C	JBA	6611	JBA-C6611	Exhaust Fan EF-C661 Intake Damper XV-C6611 Junction Box	Generator Room		-	Located near associated device
C	JBA	6612	JBA-C6612	Exhaust Fan EF-C661 Outlet Damper XV-C6612 Junction Box	Generator Room		-	Located near associated device
C	JBA	6651-1	JBA-C6651-1	Generator GEN-C572 Combustion Air Damper XV-C6651-1 Junction Box	Generator Room		-	Located near associated device

Process Area	Functional Identifier	Equip Number	Identifier	Description	Location	Previous Identifier	Location Plan Drawing	Notes
Legend								
	Existing							
C	JBA	6651-2	JBA-C6651-2	Generator GEN-C572 Combustion Air Damper XV-C6651-2 Junction Box	Generator Room		-	Located near associated device
C	JBA	6652-1	JBA-C6652-1	Generator GEN-C572 Heat Relief Damper XV-C6652-1 and XV-C6652-2 Junction Box	Generator Room		-	Located near associated device
C	JBA	6652-2	JBA-C6652-2	Generator GEN-C572 Heat Relief Damper XV-C6652-3 and XV-C6652-4 Junction Box	Generator Room		-	Located near associated device
C	JBA	6652-3	JBA-C6652-3	Generator GEN-C572 Heat Relief Damper XV-C6652-5 and XV-C6652-6 Junction Box	Generator Room		-	Located near associated device
C	JBA	6652-4	JBA-C6652-4	Generator GEN-C572 Heat Relief Damper XV-C6652-7 and XV-C6652-8 Junction Box	Generator Room		-	Located near associated device
C	JBA	6653-1	JBA-C6653-1	Generator GEN-C572 Exhaust Air Damper TV-C6653-1 Junction Box	Generator Room		-	Located near associated device
C	JBA	6653-2	JBA-C6653-2	Generator GEN-C572 Exhaust Air Damper TV-C6653-2 Junction Box	Generator Room		-	Located near associated device
C	JBA	6653-3	JBA-C6653-3	Generator GEN-C572 Exhaust Air Damper TV-C6653-3 Junction Box	Generator Room		-	Located near associated device
C	JBA	6653-4	JBA-C6653-4	Generator GEN-C572 Exhaust Air Damper TV-C6653-4 Junction Box	Generator Room		-	Located near associated device
C	JBA	6654	JBA-C6654	Generator GEN-C572 Recirculation Air Damper TV-C6654 Junction Box	Generator Room		-	Located near associated device
C	JBA	6655	JBA-C6655	Generator GEN-C572 Recirculation Air Damper TV-C6655 Junction Box	Generator Room		-	Located near associated device
C	JBA	6656-1	JBA-C6656-1	Generator GEN-C572 Recirculation Air Damper TV-C6656-1 Junction Box	Generator Room		-	Located near associated device
C	JBA	6656-2	JBA-C6656-2	Generator GEN-C572 Recirculation Air Damper TV-C6656-2 Junction Box	Generator Room		-	Located near associated device
C	JBA	6657-1	JBA-C6657-1	Generator GEN-C572 Recirculation Air Damper TV-C6657-1 Junction Box	Generator Room		-	Located near associated device
C	JBA	6657-2	JBA-C6657-2	Generator GEN-C572 Recirculation Air Damper TV-C6657-2 Junction Box	Generator Room		-	Located near associated device
C	JBA	6661-1	JBA-C6661-1	Generator GEN-C582 Combustion Air Damper XV-C6661-1 Junction Box	Generator Room		-	Located near associated device
C	JBA	6661-2	JBA-C6661-2	Generator GEN-C582 Combustion Air Damper XV-C6661-2 Junction Box	Generator Room		-	Located near associated device
C	JBA	6662-1	JBA-C6662-1	Generator GEN-C582 Heat Relief Damper XV-C6662-1 and XV-C6662-2 Junction Box	Generator Room		-	Located near associated device
C	JBA	6662-2	JBA-C6662-2	Generator GEN-C582 Heat Relief Damper XV-C6662-3 and XV-C6662-4 Junction Box	Generator Room		-	Located near associated device
C	JBA	6662-3	JBA-C6662-3	Generator GEN-C582 Heat Relief Damper XV-C6662-5 and XV-C6662-6 Junction Box	Generator Room		-	Located near associated device
C	JBA	6662-4	JBA-C6662-4	Generator GEN-C582 Heat Relief Damper XV-C6662-7 and XV-C6662-8 Junction Box	Generator Room		-	Located near associated device
C	JBA	6663-1	JBA-C6663-1	Generator GEN-C582 Exhaust Air Damper TV-C6663-1 Junction Box	Generator Room		-	Located near associated device
C	JBA	6663-2	JBA-C6663-2	Generator GEN-C582 Exhaust Air Damper TV-C6663-2 Junction Box	Generator Room		-	Located near associated device
C	JBA	6663-3	JBA-C6663-3	Generator GEN-C582 Exhaust Air Damper TV-C6663-3 Junction Box	Generator Room		-	Located near associated device
C	JBA	6663-4	JBA-C6663-4	Generator GEN-C582 Exhaust Air Damper TV-C6663-4 Junction Box	Generator Room		-	Located near associated device
C	JBA	6664	JBA-C6664	Generator GEN-C582 Recirculation Air Damper TV-C6664 Junction Box	Generator Room		-	Located near associated device
C	JBA	6665	JBA-C6665	Generator GEN-C582 Recirculation Air Damper TV-C6665 Junction Box	Generator Room		-	Located near associated device
C	JBA	6666-1	JBA-C6666-1	Generator GEN-C582 Recirculation Air Damper TV-C6666-1 Junction Box	Generator Room		-	Located near associated device
C	JBA	6666-2	JBA-C6666-2	Generator GEN-C582 Recirculation Air Damper TV-C6666-2 Junction Box	Generator Room		-	Located near associated device
C	JBA	6667-1	JBA-C6667-1	Generator GEN-C582 Recirculation Air Damper TV-C6667-1 Junction Box	Generator Room		-	Located near associated device
C	JBA	6667-2	JBA-C6667-2	Generator GEN-C582 Recirculation Air Damper TV-C6667-2 Junction Box	Generator Room		-	Located near associated device
C	JBA	9611	JBA-C9611	Generator Room West Exterior Door Switch Junction Box	Generator Room		-	Located near associated device
C	JBA	9621	JBA-C9621	Electrical Room South Exterior Door Switch Junction Box	Electrical Room		-	Located near associated device
C	JBA	9622	JBA-C9622	Electrical Room East Exterior Door Switch Junction Box	Electrical Room		-	Located near associated device
C	JBA	9623	JBA-C9623	Electrical Room Overhead Door Switch Junction Box	Electrical Room		-	Located near associated device
C	JBA	9631	JBA-C9631	Chemical Loading Platform South Exterior Door Switch	Chemical Loading Platform		-	Located near associated device
C	JBA	9632	JBA-C9632	Chemical Loading Platform West Exterior Door Switch	Chemical Loading Platform		-	Located near associated device
C	JBA	9633	JBA-C9633	Chemical Loading Platform Overhead Door Switch	Chemical Loading Platform		-	Located near associated device
C	JBA	9641	JBA-C9641	Stair 1 Exterior Door Switch Junction Box	Stair 1		-	Located near associated device
C	JBA	9642	JBA-C9642	Stair 2 Exterior Door Switch Junction Box	Stair 2		-	Located near associated device
C	JBA	9651	JBA-C9651	Truck Loading West Exterior Door	Chemical Fill Station 1		-	Located near associated device
C	JBA	9652	JBA-C9652	Truck Loading East Exterior Door	Chemical Fill Station 1		-	Located near associated device
C	JBA	9671	JBA-C9671	Automation Room Door Switch Junction Box	Automation Room		-	Located near associated device
D	CP	400	CP-D400	WAS RDT System Control Panel	RDT Room		1-0102-AGAD-D003	Provided by RDT System Vendor
D	LCP	403	LCP-D403	Flocculation Tank Mixer MXR-D403-1 Control Panel	RDT Room		1-0102-AGAD-D003	Provided by RDT System Vendor
D	LCP	404	LCP-D404	Flocculation Tank Mixer MXR-D404-1 Control Panel	RDT Room		1-0102-AGAD-D003	Provided by RDT System Vendor
D	CP	410	CP-D410	WAS RDT System Control Panel	RDT Room		1-0102-AGAD-D003	Provided by RDT System Vendor
D	LCP	415	LCP-D415	Flocculation Tank Mixer MXR-D415-1 Control Panel	RDT Room		1-0102-AGAD-D003	Provided by RDT System Vendor
D	LCP	416	LCP-D416	Flocculation Tank Mixer MXR-D416-1 Control Panel	RDT Room		1-0102-AGAD-D003	Provided by RDT System Vendor
D	LCP	417	LCP-D417	Flocculation Tank Mixer MXR-D417-1 Control Panel	RDT Room		1-0102-AGAD-D003	Provided by RDT System Vendor
D	LCP	430	LCP-D430	RDT Wash Water Booster Pumps Control Panel	Secondary Pump Room		1-0102-AGAD-D005	Provided by Booster Pump Skid Vendor
D	LCP	433	LCP-D433	Automatic Strainer STR-D433 Control Panel	Secondary Pump Room		1-0102-AGAD-D005	Provided by Automatic Strainer Vendor
D	LCP	434	LCP-D434	Automatic Strainer STR-D434 Control Panel	Secondary Pump Room		1-0102-AGAD-D005	Provided by Automatic Strainer Vendor
D	CP	610	CP-D610	RDT Room AHU-D610 Control Panel	Mechanical Platform Above Electrical Room		1-0102-EGAD-D001	Provided by AHU Vendor
D	CP	620	CP-D620	RDT Pump Room AHU-D620 Control Panel	Mechanical Platform Above Electrical Room		1-0102-EGAD-D001	Provided by AHU Vendor
D	JBA	641	JBA-D641	Electrical Room A ACU-D641 Junction Box	Electrical Room A		1-0102-EGAD-D001	
D	CP	641	CP-D641	Air Conditioning Unit ACU-D641 Wired Remote Controller Panel	Electrical Room A		1-0102-EGAD-D001	Provided by ACU Vendor
D	JBA	642	JBA-D642	Electrical Room A ACU-D642 Junction Box	Electrical Room A		1-0102-EGAD-D001	
D	CP	642	CP-D642	Air Conditioning Unit ACU-D642 Wired Remote Controller Panel	Electrical Room A		1-0102-EGAD-D001	Provided by ACU Vendor
D	JBA	643	JBA-D643	Electrical Room A ACU-D643 Junction Box	Electrical Room A		1-0102-EGAD-D001	
D	CP	643	CP-D643	Air Conditioning Unit ACU-D643 Wired Remote Controller Panel	Electrical Room A		1-0102-EGAD-D001	Provided by ACU Vendor
D	JBA	651	JBA-D651	Electrical Room B ACU-D651 Junction Box	Electrical Room B		1-0102-EGAD-D002	
D	CP	651	CP-D651	Air Conditioning Unit ACU-D651 Wired Remote Controller Panel	Electrical Room B		1-0102-EGAD-D002	Provided by ACU Vendor
D	JBA	652	JBA-D652	Electrical Room B ACU-D652 Junction Box	Electrical Room B		1-0102-EGAD-D002	
D	CP	652	CP-D652	Air Conditioning Unit ACU-D652 Wired Remote Controller Panel	Electrical Room B		1-0102-EGAD-D002	Provided by ACU Vendor

Process Area	Functional Identifier	Equip Number	Identifier	Description	Location	Previous Identifier	Location Plan Drawing	Notes
Legend								
	Existing							
D	GDC	690	GDC-D690	Gas Detection Controller	Electrical Room B		1-0102-EGAD-D002	
D	JBA	690	JBA-D690	Gas Detection Junction Box	Electrical Room B		1-0102-EGAD-D002	
D	CP	820	CP-D820	Process PLC and Device Network Equipment Cabinet - PLC-D800	Electrical Room B		1-0102-EGAD-D002	
D	PSP	820	PSP-D820	Power Supply Cabinet	Electrical Room B		1-0102-EGAD-D002	
D	CP	821	CP-D821	Process RIO Cabinet - RIO-D800-1	Electrical Room B		1-0102-EGAD-D002	
D	CP	826	CP-D826	HVAC PLC Cabinet - PLC-D806	Electrical Room B		1-0102-EGAD-D002	
D	CP	827	CP-D827	HVAC RIO Cabinet - RIO-D806-1	Electrical Room B		1-0102-EGAD-D002	
D	ADP	830	ADP-D830	Sludge Holding Tanks High Level Pumps Interlock Panel	Electrical Room A		1-0102-EGAD-D001	
D	ADP	831	ADP-D831	PROFIBUS DP Device Panel	RDT Pump Room		1-0102-AGAD-D001	
D	ADP	832	ADP-D832	PROFIBUS DP Device Panel	Gallery 5 North		1-0102-AGAD-D002	
D	ADP	833	ADP-D833	PROFIBUS DP Device Panel	Gallery 5 South		1-0102-AGAD-T001	
D	ADP	840-1	ADP-D840-1	Network Protection Device Panel	Electrical Room B		1-0102-EGAD-D002	
D	ADP	841-1	ADP-D841-1	Network Protection Device Panel	Electrical Room B		1-0102-EGAD-D002	
D	ADP	850-1	ADP-D850-1	PROFIBUS PA Segment Protector Device Panel	Biofilter Roof		1-0102-AGAD-T003	
D	ADP	850-2	ADP-D850-2	PROFIBUS PA Segment Protector Device Panel	Fermenters/Thickeners Roof		1-0102-AGAD-D004	
D	ADP	851-1	ADP-D851-1	PROFIBUS PA Segment Protector Device Panel	RDT Pump Room		1-0102-AGAD-D001	
D	ADP	851-2	ADP-D851-2	PROFIBUS PA Segment Protector Device Panel	Secondary Clarifier Basement		1-0102-AGAD-D005	
D	ADP	852-1	ADP-D852-1	PROFIBUS PA Segment Protector Device Panel	Gallery 5 North		1-0102-AGAD-D002	
D	ADP	852-2	ADP-D852-2	PROFIBUS PA Segment Protector Device Panel	Gallery 5 North		1-0102-AGAD-D002	
D	ADP	853-1	ADP-D853-1	PROFIBUS PA Segment Protector Device Panel	Gallery 5 South		1-0102-AGAD-T001	
D	ADP	860	ADP-D860	PROFIBUS PA Segment Protector Device Panel	Fermenter Train 1 And 2 Roof		1-0102-AGAD-D004	
D	ADP	861-1	ADP-D861-1	PROFIBUS PA Segment Protector Device Panel	RDT Pump Room		1-0102-AGAD-D001	
D	ADP	861-2	ADP-D861-2	PROFIBUS PA Segment Protector Device Panel	RDT Pump Room		1-0102-AGAD-D001	
D	ADP	862-1	ADP-D862-1	PROFIBUS PA Segment Protector Device Panel	Gallery 5 North		1-0102-AGAD-D002	
D	ADP	862-2	ADP-D862-2	PROFIBUS PA Segment Protector Device Panel	Gallery 5 North		1-0102-AGAD-D002	
D	CWO	881	CWO-D881	Operator Workstation	Electrical Room B		1-0102-EGAD-D002	
D	NP	900	NP-D900	Network Cabinet	Electrical Room B		1-0102-EGAD-D002	
D	NAP	911	NAP-D911	Wireless Network Access Point	Electrical Room A		1-0102-EGAD-D001	
D	NAP	912	NAP-D912	Wireless Network Access Point	Electrical Room B		1-0102-EGAD-D002	
D	JBA	3213	JBA-D3213	P-D321 Seal Water PSL-D3213 And YV-D3213 Junction Box	Gallery 5 North		NA	Located near associated device
D	JBA	3223	JBA-D3223	P-D322 Seal Water PSL-D3223 And YV-D3223 Junction Box	Gallery 5 North		NA	Located near associated device
D	JBA	3233	JBA-D3233	P-D323 Seal Water PSL-D3233 And YV-D3233 Junction Box	Gallery 5 North		NA	Located near associated device
D	JBA	4502	JBA-D4502	WAS Filtrate Level Switches LSH-D4502 And LSL-D4502 Junction Box	Fermenter Train 1 And 2 Roof		NA	Located near associated device
D	JBA	4602	JBA-D4602	FSL Filtrate Level Switches LSH-D4602 And LSL-D4602 Junction Box	Fermenter Train 1 And 2 Roof		NA	Located near associated device
D	JBA	6111	JBA-D6111	Exhaust Fan EF-D611 Damper XV-D6111 Junction Box	RTD Room Roof		NA	Located near associated device
D	JBA	6113	JBA-D6113	Exhaust Fan EF-D611 Damper XV-D6113 Junction Box	RTD Room Roof		NA	Located near associated device
D	JBA	6121	JBA-D6121	Exhaust Fan EF-D612 Damper XV-D6121 Junction Box	RTD Room Roof		NA	Located near associated device
D	JBA	6123	JBA-D6123	Exhaust Fan EF-D612 Damper XV-D6123 Junction Box	RTD Room Roof		NA	Located near associated device
D	JBA	6207	JBA-D6207	Pressurization Unit AHU-D640 Intake Damper XV-D6207 Junction Box	Mechanical Platform		1-0102-EGAD-D001	
D	JBA	6208	JBA-D6208	Pressurization Unit AHU-D650 Intake Damper XV-D6208 Junction Box	Electrical Room B		1-0102-EGAD-D002	
D	JBA	6211	JBA-D6211	Exhaust Fan EF-D621 Damper XV-D6211 Junction Box	RDT Pump Room		NA	Located near associated device
D	JBA	9611	JBA-D9611	RDT Room Exterior Door Switch Junction Box	RTD Room		NA	Located near associated device
D	JBA	9612	JBA-D9612	RDT Room Overhead Door Switch Junction Box	RTD Room		NA	Located near associated device
D	JBA	9613	JBA-D9613	RDT Room Overhead Door From Truck Bay Door Switch Junction Box	RTD Room		NA	Located near associated device
D	JBA	9621	JBA-D9621	Electrical Room A Exterior Door Switch Junction Box	Electrical Room A		NA	Located near associated device
D	JBA	9631	JBA-D9631	Junction Chamber Exterior Door Switch Junction Box	Junction Chamber		NA	Located near associated device
D	JBA	9641	JBA-D9641	Electrical Room B Exterior Door Switch Junction Box	Electrical Room B		NA	Located near associated device
G	GDC	2	GDC-G2	Gas Detection Controller	Screen Room Corridor	GDC-G2	1-0102-AGAD-G005	
G	JBA	4	JBA-G4	Raw Sewage Pump Control Junction Box	Electrical Room		1-0102-EGAD-G001	
G	ADP	102	ADP-G102	Vibration and Temperature Monitoring Cabinet	Electrical Room		1-0102-EGAD-G001	
G	JBA	102	JBA-G102	Pump P-G102 Seal Water Pressure Junction Box	Pump Room		1-0102-AGAD-G003	
G	JBA	103-1	JBA-G103-1	P-G103 Raw Sewage Pump Junction Box	Electrical Room		1-0102-EGAD-G001	
G	JBA	103-2	JBA-G103-2	P-G103 Raw Sewage Pump Junction Box	Electrical Room		1-0102-EGAD-G001	
G	CP	211	CP-G211	Mechanical Screen SCR-G211 Control Panel	Grit/Screening Electrical Room		1-0102-EGAD-G002	Provided by Screen Vendor
G	LCP	211	LCP-G211	Mechanical Screen SCR-G211 Local Control Panel	Screen Room		1-0102-AGAD-G005	Provided by Screen Vendor
G	CP	212	CP-G212	Mechanical Screen SCR-G212 Control Panel	Grit/Screening Electrical Room		1-0102-EGAD-G002	Provided by Screen Vendor
G	LCP	212	LCP-G212	Mechanical Screen SCR-G212 Local Control Panel	Screen Room		1-0102-AGAD-G005	Provided by Screen Vendor
G	CP	213	CP-G213	Mechanical Screen SCR-G213 Control Panel	Grit/Screening Electrical Room		1-0102-EGAD-G002	Provided by Screen Vendor
G	LCP	213	LCP-G213	Mechanical Screen SCR-G213 Local Control Panel	Screen Room		1-0102-AGAD-G005	Provided by Screen Vendor
G	CP	214	CP-G214	Mechanical Screen SCR-G214 Control Panel	Grit/Screening Electrical Room		1-0102-EGAD-G002	Provided by Screen Vendor
G	LCP	214	LCP-G214	Mechanical Screen SCR-G214 Local Control Panel	Screen Room		1-0102-AGAD-G005	Provided by Screen Vendor
G	JBA	230	JBA-G230	Grit Disposal Bin Hauler Ready Lights Junction Box	Loading Bay		1-0102-AGAD-G012	
G	LCP	230	LCP-G230	Grit Disposal Bin Local Control Panel	Loading Bay		1-0102-AGAD-G012	
G	CP	231	CP-G231	Screening Washer/Compactor WCP-G231 Control Panel	Grit/Screening Electrical Room		1-0102-EGAD-G002	Provided by Washer Compactor Vendor
G	LCP	231	LCP-G231	Screening Washer/Compactor WCP-G231 Local Control Panel	Grit/Screening Platform		1-0102-AGAD-G013	Provided by Washer Compactor Vendor

Process Area	Functional Identifier	Equip Number	Identifier	Description	Location	Previous Identifier	Location Plan Drawing	Notes
Legend								
Existing								
G	CP	232	CP-G232	Screening Washer/Compactor WCP-G232 Control Panel	Grit/Screening Electrical Room		1-0102-EGAD-G002	Provided by Washer Compactor Vendor
G	LCP	232	LCP-G232	Screening Washer/Compactor WCP-G232 Local Control Panel	Grit/Screening Platform		1-0102-AGAD-G013	Provided by Washer Compactor Vendor
G	JBA	323	JBA-G323	Pump P-G323 Seal Water Pressure Junction Box	Grit Pump Room		-	Located near associated device
G	JBA	324	JBA-G324	Pump P-G324 Seal Water Pressure Junction Box	Grit Pump Room		-	Located near associated device
G	JBA	325	JBA-G325	Pump P-G325 Seal Water Pressure Junction Box	Grit Pump Room		-	Located near associated device
G	LCP	351	LCP-G351	Grit Blower B-G351 Local Control Panel	Blower Room		1-0102-AGAD-G009	Provided by Grit Blower Vendor
G	LCP	352	LCP-G352	Grit Blower B-G352 Local Control Panel	Blower Room		1-0102-AGAD-G009	Provided by Grit Blower Vendor
G	LCP	353	LCP-G353	Channel Aeration Blower B-G353 Local Control Panel	Blower Room		1-0102-AGAD-G009	Provided by Channel Aeration Blower Vendor
G	LCP	354	LCP-G354	Channel Aeration Blower B-G354 Local Control Panel	Blower Room		1-0102-AGAD-G009	Provided by Channel Aeration Blower Vendor
G	JBA	620	JBA-G620	HVAC 24V Junction Box	Drywell Mechanical Room		1-0102-AGAD-G008	
G	CP	641	CP-G641	Air Conditioning Unit ACU-G641 Wired Remote Controller Panel	Grit/Screening Electrical Room		1-0102-EGAD-G002	Provided by ACU Vendor
G	JBA	641	JBA-G641	Electrical Room ACU-G641 Junction Box	Grit/Screening Electrical Room		1-0102-EGAD-G002	
G	CP	642	CP-G642	Air Conditioning Unit ACU-G642 Wired Remote Controller Panel	Grit/Screening Electrical Room		1-0102-EGAD-G002	Provided by ACU Vendor
G	JBA	642	JBA-G642	Electrical Room ACU-G642 Junction Box	Grit/Screening Electrical Room		1-0102-EGAD-G002	
G	CP	643	CP-G643	Air Conditioning Unit ACU-G643 Wired Remote Controller Panel	Grit/Screening Electrical Room		1-0102-EGAD-G002	Provided by ACU Vendor
G	JBA	643	JBA-G643	Electrical Room ACU-G643 Junction Box	Grit/Screening Electrical Room		1-0102-EGAD-G002	
G	CP	820-1	CP-G820-1	Process RIO Cabinet - RIO-G800-1 and RIO-G800-2	Control Room	PCU SA, CAB 15	1-0102-AGAD-G001	
G	CP	820-2	CP-G820-2	Termination Unit Cabinet	Control Room	PCU SA, CAB 16	1-0102-AGAD-G001	
G	CP	821	CP-G821	Field Device Panel	Control Room	FDP-G	1-0102-AGAD-G001	
G	PSP	822	PSP-G822	Power Supply Cabinet	Grit/Screening Electrical Room		1-0102-EGAD-G002	
G	CP	822	CP-G822	Process PLC and Device Network Equipment Cabinet - PLC-G800	Grit/Screening Electrical Room		1-0102-EGAD-G002	
G	CP	823	CP-G823	Process RIO Cabinet - RIO-G800-3	Grit/Screening Electrical Room		1-0102-EGAD-G002	
G	CP	826	CP-G826	HVAC PLC Cabinet - PLC-G806	Mechanical Room		1-0102-AGAD-G012	
G	CP	827	CP-G827	HVAC RIO Cabinet - RIO-G806-1	Mechanical Room		1-0102-AGAD-G012	
G	CP	830	CP-G830	Unit Heater Contactor Panel	Grit/Screening Electrical Room		1-0102-EGAD-G002	
G	ADP	831	ADP-G831	PROFIBUS DP Device Panel	Grit Pump Room		1-0102-AGAD-G010	
G	JBA	831-1	JBA-G831-1	120 VAC Junction Box	Grit Pump Room		1-0102-AGAD-G010	
G	JBA	831-2	JBA-G831-2	24 VDC Junction Box	Grit Pump Room		1-0102-AGAD-G010	
G	ADP	837	ADP-G837	Network Protection Device Panel	Grit Pump Room		1-0102-AGAD-G010	
G	ADP	850	ADP-G850	PROFIBUS PA Segment Protector Device Panel	Grit/Screening Platform		1-0102-AGAD-G013	
G	ADP	855	ADP-G855	PROFIBUS PA Segment Protector Device Panel	Gallery 3		1-0102-AGAD-G006	
G	CWO	881	CWO-G881	Operator Workstation	Grit/Screening Electrical Room		1-0102-EGAD-G002	
G	NP	900	NP-G900	Networking Panel	Grit/Screening Electrical Room		1-0102-EGAD-G002	
G	NP	901	NP-G901	Networking Panel	Control Room	NP-G1	1-0102-AGAD-G001	
G	NP	906	NP-G906	Administration Network Cabinet	Grit/Screening Electrical Room		1-0102-EGAD-G002	
G	NAP	911	NAP-G911	Wireless Network Access Point	Electrical Room		1-0102-EGAD-G001	
G	NAP	912	NAP-G912	Wireless Network Access Point	Grit/Screening Electrical Room		1-0102-EGAD-G002	
G	NAP	913	NAP-G913	Wireless Network Access Point	Control Room		1-0102-AGAD-G001	
G	JBA	968	JBA-G968	South Stairwell Exterior Door Switch And Window Break Junction Box	Mechanical Room		1-0102-AGAD-G012	
G	JBA	1024	JBA-G1024	Pump P-G102 Vibration Sensor Junction Box	Pump Room		1-0102-AGAD-G004	
G	ADP	2302	ADP-G2302	Sluice Level Switch LSH-G2302 IS Barrier Cabinet	Grit/Screening Electrical Room		1-0102-EGAD-G002	
G	JBA	2302	JBA-G2302	Sluice Level Switch LSH-G2302 Junction Box	Screen Room		1-0102-AGAD-G005	
G	JBA	2332	JBA-G2332	Disposable Bin TK-G233 Position Sensors and Indicator Junction Box	Loading Bay		1-0102-AGAD-G012	
G	JBA	2342	JBA-G2342	Disposable Bin TK-G234 Position Sensors and Indicator Junction Box	Loading Bay		1-0102-AGAD-G012	
G	JBA	5212	JBA-G5212	Sump Level Switch LSH-G5212 Junction Box	Grit Pump Room		-	Located near associated device
G	JBA	5312	JBA-G5312	Sump Level Switch LSH-G5312 Junction Box	Cable Service Room		-	Located near associated device
G	DS	6106	DS-G6106	Temperature Valve TV-G6106 Disconnect Switch	Mechanical Room		-	Located near associated device
G	JBA	6108	JBA-G6108	AHU-G640 Intake Damper FV-G6108 Junction Box	Mechanical Room		-	Located near associated device
G	JBA	6111	JBA-G6111	Exhaust Fan EF-G611 Damper XV-G6111 Junction Box	Grit and Screening Platform		-	Located near associated device
G	JBA	6122	JBA-G6122	Exhaust Fan EF-G612 Damper XV-G6122 Junction Box	Mechanical Room		-	Located near associated device
G	DS	6206	DS-G6206	Temperature Valve TV-G6206 Disconnect Switch	Mechanical Room		-	Located near associated device
G	JBA	6208	JBA-G6208	AHU-G649 Intake Damper FV-G6208 Junction Box	Drywell Mechanical Room		-	Located near associated device
G	DS	6306	DS-G6306	Temperature Valve TV-G6306 Disconnect Switch	Mechanical Room		-	Located near associated device
G	DS	6631	DS-G6631	Temperature Valve TV-G6631 Disconnect Switch	Mechanical Room		-	Located near associated device
G	JBA	6731	JBA-G6731	Heat Exchanger HE-G673 Valve Junction Box	Mechanical Room		-	Located near associated device
G	DS	6761	DS-G6761	Temperature Valve TV-G6761 Disconnect Switch	Mechanical Room		-	Located near associated device
G	JBA	6851	JBA-G6851	Exhaust Fan EF-B685 Damper XV-B6851 Junction Box	Grit Tank Room		-	Located near associated device
G	JBA	6853	JBA-G6853	Exhaust Fan EF-B685 Damper XV-B6853 Junction Box	Service Building Mechanical Room		-	Located near associated device
G	JBA	6861	JBA-G6861	Exhaust Fan EF-B686 Damper XV-B6861 Junction Box	Grit Tank Room		-	Located near associated device
G	JBA	6863	JBA-G6863	Exhaust Fan EF-B686 Damper XV-B6863 Junction Box	Service Building Mechanical Room		-	Located near associated device
G	JBA	6871	JBA-G6871	Exhaust Fan EF-B687 Damper XV-B6871 Junction Box	Grit Tank Room		-	Located near associated device
G	JBA	6873	JBA-G6873	Exhaust Fan EF-B687 Damper XV-B6873 Junction Box	Service Building Mechanical Room		-	Located near associated device
G	JBA	6881	JBA-G6881	Exhaust Fan EF-B688 Damper XV-B6881 Junction Box	Grit Tank Room		-	Located near associated device
G	JBA	6883	JBA-G6883	Exhaust Fan EF-B688 Damper XV-B6883 Junction Box	Service Building Mechanical Room		-	Located near associated device
G	JBA	6931	JBA-G6931	Exhaust Fan EF-G693 Damper XV-G6931 Junction Box	Grit Pump Room		-	Located near associated device

Process Area	Functional Identifier	Equip Number	Identifier	Description	Location	Previous Identifier	Location Plan Drawing	Notes
Legend								
Existing								
G	JBA	6932	JBA-G6932	Exhaust Fan EF-G693 Damper XV-G6932 Junction Box	Grit Pump Room			Located near associated device
G	JBA	9651	JBA-G9651	Truck Bay Northwest Interior Door Switch Junction Box	Loading Bay		-	Located near associated device
G	JBA	9652	JBA-G9652	Truck Bay Southwest Interior Door Switch Junction Box	Loading Bay		-	Located near associated device
G	JBA	9653	JBA-G9653	Truck Bay Northeast Interior Door Switch Junction Box	Loading Bay		-	Located near associated device
G	JBA	9654	JBA-G9654	Truck Bay North Overhead Door Switch Junction Box	Loading Bay		-	Located near associated device
G	JBA	9655	JBA-G9655	Truck Bay South Overhead Door Switch Junction Box	Loading Bay		-	Located near associated device
G	JBA	9656	JBA-G9656	Truck Bay Overhead Door Switch Junction Box	Loading Bay		-	Located near associated device
G	JBA	9657	JBA-G9657	Truck Bay Door Entry Control Junction Box	Grit And Screening Room		1-0102-AGAD-G012	
G	JBA	9671	JBA-G9671	Electrical Room Exterior Door Switch Junction Box	Grit/Screening Electrical Room		-	Located near associated device
G	JBA	9691	JBA-G9691	Mechanical Room Exterior Door Switch Junction Box	Mechanical Room		-	Located near associated device
G	JBA	9701	JBA-G9701	Grit/Screening Building Vestibule Window Break Switch Junction Box	Grit and Screening Building Vestibule		-	Located near associated device
G	JBA	GDC-G2	JBA-GDC-G2	Gas Detection Junction Box	Screen Room Corridor	JBA-GDC-G2	1-0102-AGAD-G005	
G	JBA	GDC-G2-2	JBA-GDC-G2-2	Gas Detection Junction Box	Screen Room Corridor	JBA-GDC-G2-2	1-0102-AGAD-G005	
K	JBA	114-1	JBA-K114-1	Solenoid Valves Junction Box	Mechanical Room		1-0102-AGAD-K002	
K	JBA	124-1	JBA-K124-1	Solenoid Valves Junction Box	Mechanical Room		1-0102-AGAD-K002	
K	JBA	310-1	JBA-K310-1	Ballast System Solenoid Valves Junction Box	Ballast Pit			Located near associated device
K	JBA	610-1	JBA-K610-1	Clarifier Room Entry Station Junction Box	Walkway		1-0102-AGAD-K002	
K	JBA	610-2	JBA-K610-2	Clarifier Room Entry Station Junction Box	Clarifier Room Exterior East Wall		1-0102-AGAD-K003	
K	JBA	614	JBA-K614	Waste Sludge Sump Air Dampers Junction Box	Pump Room		1-0102-AGAD-K001	
K	CP	641	CP-K641	Air Conditioning Unit ACU-K641 Wired Remote Controller Panel	Electrical Room		1-0102-EGAD-K001	Provided by ACU Vendor
K	JBA	641	JBA-K641	Electrical Room ACU-K641 Junction Box	Electrical Room		1-0102-EGAD-K001	
K	CP	642	CP-K642	Air Conditioning Unit ACU-K642 Wired Remote Controller Panel	Electrical Room		1-0102-EGAD-K001	Provided by ACU Vendor
K	JBA	642	JBA-K642	Electrical Room ACU-K642 Junction Box	Electrical Room		1-0102-EGAD-K001	
K	GDC	690	GDC-K690	Gas Detection Controller	Electrical Room		1-0102-EGAD-K001	
K	JBA	690	JBA-K690	Gas Detection Power Distribution Junction Box	Electrical Room		1-0102-EGAD-K001	
K	CP	820	CP-K820	Process PLC and Device Network Equipment Cabinet - PLC-K800	Electrical Room		1-0102-EGAD-K001	
K	PSP	820	PSP-K820	Power Supply Cabinet	Electrical Room		1-0102-EGAD-K001	
K	JBA	831	JBA-K831	HRC Train 1&2 Level Transmitters Junction Box	Influent Channel 2 Northeast Exterior Wall		1-0102-AGAD-G011	
K	CP	821	CP-K821	Process RIO Cabinet - RIO-K800-1	Electrical Room		1-0102-EGAD-K001	
K	CP	826	CP-K826	HVAC PLC Cabinet - PLC-K806	Mechanical Room		1-0102-AGAD-K002	
K	CP	827	CP-K827	HVAC RIO Cabinet - RIO-K806-1	Mechanical Room		1-0102-AGAD-K002	
K	CP	830	CP-K830	Unit Heater Contactor Panel	Electrical Room		1-0102-EGAD-K001	
K	CWO	881	CWO-K881	Operator Workstation	Electrical Room		1-0102-EGAD-K001	
K	NAP	911	NAP-K911	Wireless Network Access Point	Electrical Room		1-0102-EGAD-K001	
K	NP	900	NP-K900	Networking Cabinet	Electrical Room		1-0102-EGAD-K001	
K	NP	906	NP-K906	Administration Network Cabinet	Electrical Room		1-0102-EGAD-K001	
K	JBA	1140	JBA-K1140	Scraper Drive Torque Transducer Junction Box	Clarifier Room K-109			Located near associated device
K	JBA	1240	JBA-K1240	Scraper Drive Torque Transducer Junction Box	Clarifier Room K-109			Located near associated device
K	JBA	1132	JBA-K1132	Tank TK-K113 Level Transmitter Junction Box	Clarifier Room		1-0102-AGAD-K003	
K	JBA	1232	JBA-K1232	Tank TK-K123 Level Transmitter Junction Box	Clarifier Room		1-0102-AGAD-K003	
K	JBA	3102	JBA-K3102	Ballast System Level Switch Junction Box	Ballast Pit			Located near associated device
K	JBA	3108	JBA-K3108	Ballast System Process Stop Junction Box	Ballast Room		1-0102-AGAD-K002	
K	JBA	5012	JBA-K5012	Sump Level Switch Junction Box	Gallery 5A			Located near associated device
K	JBA	6111	JBA-K6111	Exhaust Fan EF-K611 Damper XV-K6111 Junction Box	High Rate Clarification Building - Roof			Located near associated device
K	JBA	6113	JBA-K6113	Exhaust Fan EF-K611 Damper XV-K6113 Junction Box	High Rate Clarification Building - Roof			Located near associated device
K	JBA	6121	JBA-K6121	Exhaust Fan EF-K612 Damper XV-K6121 Junction Box	High Rate Clarification Building - Roof			Located near associated device
K	JBA	6123	JBA-K6123	Exhaust Fan EF-K612 Damper XV-K6123 Junction Box	High Rate Clarification Building - Roof			Located near associated device
K	JBA	6211	JBA-K6211	Exhaust Fan EF-K621 Damper XV-K6211 Junction Box	High Rate Clarification Building - Roof			Located near associated device
K	JBA	6221	JBA-K6221	Exhaust Fan EF-K622 Damper XV-K6221 Junction Box	High Rate Clarification Building - Roof			Located near associated device
K	JBA	6311	JBA-K6311	Exhaust Fan EF-K631 Damper XV-K6311 Junction Box	High Rate Clarification Building - Roof			Located near associated device
K	JBA	9601	JBA-K9601	Walkway West Door Switch Junction Box	Janitor's Room			Located near associated device
K	JBA	9602	JBA-K9602	Stairwell North Door Switch Junction Box	Stair K-101			Located near associated device
K	JBA	9603	JBA-K9603	Stairwell Rooftop Door Switch Junction Box	Stair K-101			Located near associated device
K	JBA	9621	JBA-K9621	Overhead Door Switch Junction Box	Loading Area K-102			Located near associated device
K	JBA	9631	JBA-K9631	Electrical Room Door Switch Junction Box	Electrical Room - Door			Located near associated device
K	JBA	6142	JBA-K6142	Waste Sludge Sump Exhaust Damper Junction Box	Pump Room			Located near associated device
M	CP	820-1	CP-M820-1	HVAC and Miscellaneous PLC Cabinet - PLC-M800	Automation Room	PCU SH, CAB 1	1-0102-AGAD-M001	
M	CP	820-2	CP-M820-2	Termination Unit Cabinet	Automation Room	PCU SH, CAB 2	1-0102-AGAD-M001	
M	CW	878	CW-M878	Programming/Maintenance Workstation	Control System Office		1-0102-AGAD-M001	
M	PRN	880	PRN-M880	Printer	Control Room		1-0102-EGAD-M001	Provided by the City
M	CWO	881	CWO-M881	Operator Workstation	Control Room		1-0102-EGAD-M001	
M	CWO	882	CWO-M882	Operator Workstation	Control Room		1-0102-EGAD-M001	
M	NP	900	NP-M900	Networking Panel	Automation Room	NP-M1	1-0102-AGAD-M001	
M	CP	901	CP-M901	Server Rack	Automation Room		1-0102-AGAD-M001	
M	CP	902	CP-M902	Server Rack	Automation Room		1-0102-AGAD-M001	

Process Area	Functional Identifier	Equip Number	Identifier	Description	Location	Previous Identifier	Location Plan Drawing	Notes
Legend								
	Existing							
M	NP	906	NP-M906	Administration Network Cabinet	Automation Room		1-0102-AGAD-M002	
M	NAP	913	NAP-M913	Wireless Network Access Point	Control Room		1-0102-EGAD-M001	
M	NAP	914	NAP-M914	Wireless Network Access Point	Automation Room		1-0102-AGAD-M001	
P	NP	10	NP-P10	Fire Alarm Network Interface Panel	Electrical Room B		1-0102-EGAD-P002	
P	JBA	614	JBA-P614	JBA-P614 Unit Heater UH-P614 Junction Box	Storage Room		1-0102-EGAD-P002	
P	JBA	641	JBA-P641	Electrical Room B Air Conditioning Unit ACU-P641 Junction Box	Electrical Room B		1-0102-EGAD-P002	
P	CP	820-1	CP-P820-1	Process PLC and RIO Cabinet - PLC-P800-A and RIO-P800-1	Control Room	PCU-SB, CAB 11	1-0102-AGAD-P001	
P	CP	820-2	CP-P820-2	Termination Unit Cabinet	Control Room	PCU-SB, CAB 12	1-0102-AGAD-P001	
P	CP	820-3	CP-P820-3	Process PLC and RIO Cabinet - PLC-P800-B, RIO-P800-2, and RIO-P800-3	Control Room	PCU-SC, CAB 13	1-0102-AGAD-P001	
P	CP	820-4	CP-P820-4	Termination Unit Cabinet	Control Room	PCU-SC, CAB 14	1-0102-AGAD-P001	
P	CP	821	CP-P821	Field Device Panel	Control Room	FDP-P	1-0102-AGAD-P001	
P	NP	900	NP-P900	Networking Cabinet	Electrical Room B		1-0102-EGAD-P002	
P	NPP	901	NPP-P901	Networking Patch Panel	Gallery 5 North		1-0102-AGAD-D002	
P	NP	906	NP-P906	Administration Network Cabinet	Electrical room B		1-0012-EGAD-P002	
P	NAP	911	NAP-P911	Wireless Network Access Point	Control Room		1-0102-AGAD-P001	
P	NAP	912	NAP-P912	Wireless Network Access Point	Electrical Room B		1-0102-EGAD-P002	
P	PSP	822	PSP-P822	Power Supply Cabinet	Electrical Room B		1-0102-EGAD-P002	
P	CP	826	CP-P826	HVAC PLC Cabinet - PLC-P806	Electrical Room B		1-0102-EGAD-P002	
P	JBA	1051	JBA-P1051	Primary Clarifiers 1 & 2 Sludge Pump P-P105	Gallery P106			Located near associated device
P	JBA	1061	JBA-P1061	Primary Clarifiers 1 & 2 Sludge Pump P-P106	Gallery P106			Located near associated device
P	JBA	1111	JBA-P1111	Primary Clarifier 3 Sludge Pump P-P111	Gallery P124			Located near associated device
P	JBA	1161	JBA-P1161	Primary Clarifier 3 Sludge Pump P-P116	Gallery P124			Located near associated device
P	JBA	6401	JBA-P6401	Electrical Room B Intake Damper XV-P6401 Junction Box	Electrical Room B		1-0102-EGAD-P002	
P	JBA	6401-2	JBA-P6401-2	Electrical Room B Intake Damper XV-P6401 Junction Box	Electrical Room B			Located near associated device
R	ADP	150	ADP-R150	Submersible Equipment Monitoring Relay Panel	Electrical Room		1-0102-EGAD-R001	
R	JBA	150	JBA-R150	Bioreactor 1 Submersible Equipment Junction Box	Bioreactor 1			Located near associated device
R	JB	151-1	JB-R151-1	Pre-Anoxic Zone Mixer 1 Junction Box	Bioreactor 1			Located near associated device
R	JB	151-2	JB-R151-2	Pre-Anoxic Zone Mixer 2 Junction Box	Bioreactor 1			Located near associated device
R	JB	152-1	JB-R152-1	Anerobic Zone Mixer 1 Junction Box	Bioreactor 1			Located near associated device
R	JB	152-2	JB-R152-2	Anerobic Zone Mixer 2 Junction Box	Bioreactor 1			Located near associated device
R	JB	152-3	JB-R152-3	Anerobic Zone Mixer 3 Junction Box	Bioreactor 1			Located near associated device
R	JB	152-4	JB-R152-4	Anerobic Zone Mixer 4 Junction Box	Bioreactor 1			Located near associated device
R	JB	153-1	JB-R153-1	Anoxic Zone Mixer 1 Junction Box	Bioreactor 1			Located near associated device
R	JB	153-2	JB-R153-2	Anoxic Zone Mixer 2 Junction Box	Bioreactor 1			Located near associated device
R	JB	153-3	JB-R153-3	Anoxic Zone Mixer 3 Junction Box	Bioreactor 1			Located near associated device
R	JB	153-4	JB-R153-4	Anoxic Zone Mixer 4 Junction Box	Bioreactor 1			Located near associated device
R	JB	155-1	JB-R155-1	Post Anerobic Zone Mixer 1 Junction Box	Bioreactor 1			Located near associated device
R	JB	155-2	JB-R155-2	Post Anerobic Zone Mixer 2 Junction Box	Bioreactor 1			Located near associated device
R	JB	156	JB-R156	Post Anerobic Zone Pump Junction Box	Bioreactor 1			Located near associated device
R	ADP	160	ADP-R160	Submersible Equipment Monitoring Relay Panel	Electrical Room		1-0102-EGAD-R001	
R	JBA	160	JBA-R160	Bioreactor 2 Submersible Equipment Junction Box	Bioreactor 2			Located near associated device
R	JB	161-1	JB-R161-1	Pre-Anoxic Zone Mixer 1 Junction Box	Bioreactor 2			Located near associated device
R	JB	161-2	JB-R161-2	Pre-Anoxic Zone Mixer 2 Junction Box	Bioreactor 2			Located near associated device
R	JB	162-1	JB-R162-1	Anerobic Zone Mixer 1 Junction Box	Bioreactor 2			Located near associated device
R	JB	162-2	JB-R162-2	Anerobic Zone Mixer 2 Junction Box	Bioreactor 2			Located near associated device
R	JB	162-3	JB-R162-3	Anerobic Zone Mixer 3 Junction Box	Bioreactor 2			Located near associated device
R	JB	162-4	JB-R162-4	Anerobic Zone Mixer 4 Junction Box	Bioreactor 2			Located near associated device
R	JB	163-1	JB-R163-1	Anoxic Zone Mixer 1 Junction Box	Bioreactor 2			Located near associated device
R	JB	163-2	JB-R163-2	Anoxic Zone Mixer 2 Junction Box	Bioreactor 2			Located near associated device
R	JB	163-3	JB-R163-3	Anoxic Zone Mixer 3 Junction Box	Bioreactor 2			Located near associated device
R	JB	163-4	JB-R163-4	Anoxic Zone Mixer 4 Junction Box	Bioreactor 2			Located near associated device
R	JB	165-1	JB-R165-1	Post Anerobic Zone Mixer 1 Junction Box	Bioreactor 2			Located near associated device
R	JB	165-2	JB-R165-2	Post Anerobic Zone Mixer 2 Junction Box	Bioreactor 2			Located near associated device
R	JB	166	JB-R166	Post Anerobic Zone Pump Junction Box	Bioreactor 2			Located near associated device
R	ADP	170	ADP-R170	Submersible Equipment Monitoring Relay Panel	Electrical Room		1-0102-EGAD-R001	
R	JBA	170	JBA-R170	Bioreactor 3 Submersible Equipment Junction Box	Bioreactor 3			Located near associated device
R	JB	171-1	JB-R171-1	Pre-Anoxic Zone Mixer 1 Junction Box	Bioreactor 3			Located near associated device
R	JB	171-2	JB-R171-2	Pre-Anoxic Zone Mixer 2 Junction Box	Bioreactor 3			Located near associated device
R	JB	172-1	JB-R172-1	Anerobic Zone Mixer 1 Junction Box	Bioreactor 3			Located near associated device
R	JB	172-2	JB-R172-2	Anerobic Zone Mixer 2 Junction Box	Bioreactor 3			Located near associated device
R	JB	172-3	JB-R172-3	Anerobic Zone Mixer 3 Junction Box	Bioreactor 3			Located near associated device
R	JB	172-4	JB-R172-4	Anerobic Zone Mixer 4 Junction Box	Bioreactor 3			Located near associated device
R	JB	173-1	JB-R173-1	Anoxic Zone Mixer 1 Junction Box	Bioreactor 3			Located near associated device
R	JB	173-2	JB-R173-2	Anoxic Zone Mixer 2 Junction Box	Bioreactor 3			Located near associated device
R	JB	173-3	JB-R173-3	Anoxic Zone Mixer 3 Junction Box	Bioreactor 3			Located near associated device

Process Area	Functional Identifier	Equip Number	Identifier	Description	Location	Previous Identifier	Location Plan Drawing	Notes
Legend								
Existing								
R	JB	173-4	JB-R173-4	Anoxic Zone Mixer 4 Junction Box	Bioreactor 3			Located near associated device
R	JB	175-1	JB-R175-1	Post Anaerobic Zone Mixer 1 Junction Box	Bioreactor 3			Located near associated device
R	JB	175-2	JB-R175-2	Post Anaerobic Zone Mixer 2 Junction Box	Bioreactor 3			Located near associated device
R	JB	176	JB-R176	Post Anaerobic Zone Pump Junction Box	Bioreactor 3			Located near associated device
R	CP	200	CP-R200	Air Blowers Master Controller	Blower Room		1-0102-AGAD-R003	Supplied by Blower Vendor
R	LCP	201	LCP-R201	Air Blower B-R201 Local Control Panel	Blower Room			Supplied with Air Blower
R	LCP	202	LCP-R202	Air Blower B-R202 Local Control Panel	Blower Room			Supplied with Air Blower
R	LCP	203	LCP-R203	Air Blower B-R203 Local Control Panel	Blower Room			Supplied with Air Blower
R	LCP	204	LCP-R204	Air Blower B-R204 Local Control Panel	Blower Room			Supplied with Air Blower
R	LCP	205	LCP-R205	Air Blower B-R205 Local Control Panel	Blower Room			Supplied with Air Blower
R	LCP	206	LCP-R206	Air Blower B-R206 Local Control Panel	Blower Room			Supplied with Air Blower
R	JBA	624	JBA-R624	Blower Room Gas Unit Heater UH-R624 Junction Box	Blower Room			Located near associated device
R	JBA	625	JBA-R625	Blower Room Gas Unit Heater UH-R625 Junction Box	Blower Room			Located near associated device
R	JBA	641	JBA-R641	Electrical Room ACU-R641-1 and 2 Junction Box	Electrical Room		1-0102-EGAD-R001	
R	CP	641-1	CP-R641-1	Air Conditioning Unit ACU-R641-1 Wired Remote Controller Panel	Electrical Room		1-0102-EGAD-R001	Provided by ACU Vendor
R	CP	641-2	CP-R641-2	Air Conditioning Unit ACU-R641-2 Wired Remote Controller Panel	Electrical Room		1-0102-EGAD-R001	Provided by ACU Vendor
R	CP	642-1	CP-R642-1	Air Conditioning Unit ACU-R642-1 Wired Remote Controller Panel	Electrical Room		1-0102-EGAD-R001	Provided by ACU Vendor
R	CP	642-2	CP-R642-2	Air Conditioning Unit ACU-R642-2 Wired Remote Controller Panel	Electrical Room		1-0102-EGAD-R001	Provided by ACU Vendor
R	JBA	642	JBA-R642	Electrical Room ACU-R642-1 and 2 Junction Box	Electrical Room		1-0102-EGAD-R001	
R	CP	643	CP-R643	Air Conditioning Unit ACU-R643 Wired Remote Controller Panel	Control Room		1-0102-AGAD-R001	Provided by ACU Vendor
R	JBA	643	JBA-R643	Automation Room ACU-R643 Junction Box	Control Room		1-0102-AGAD-R001	
R	CP	644	CP-R644	Air Conditioning Unit ACU-R644 Wired Remote Controller Panel	Automation Room		1-0102-AGAD-R001	Provided by ACU Vendor
R	JBA	644	JBA-R644	Control Room ACU-R644 Junction Box	Automation Room		1-0102-AGAD-R001	
R	JBA	654	JBA-R654	Mechanical Room Gas Unit Heater UH-R654 Junction Box	Mechanical Room			Located near associated device
R	CP	820	CP-R820	Process PLC and Device Network Equipment Cabinet - PLC-R800	Automation Room		1-0102-AGAD-R001	
R	PSP	820	PSP-R820	Power Supply Cabinet	Automation Room		1-0102-AGAD-R001	
R	CP	821	CP-R821	Process RIO Cabinet - RIO-R800-1	Automation Room		1-0102-AGAD-R001	
R	PSP	821	PSP-R821	Power Supply Cabinet	Automation Room		1-0102-AGAD-R001	
R	CP	826	CP-R826	HVAC PLC Cabinet - PLC-R806	Mechanical Room		1-0102-AGAD-R002	
R	CP	827	CP-R827	HVAC RIO Cabinet - RIO-R806-1	Mechanical Room		1-0102-AGAD-R002	
R	CP	830	CP-R830	Bioreactor Heaters Contactor Panel	Electrical Room		1-0102-EGAD-R001	
R	ADP	831	ADP-R831	PROFIBUS DP Device Panel for Bioreactor 1	Pipe Gallery 8		1-0102-AGAD-R005	
R	ADP	832	ADP-R832	PROFIBUS DP Device Panel for Bioreactor 2	Pipe Gallery 8A		1-0102-AGAD-R006	
R	ADP	833	ADP-R833	PROFIBUS DP Device Panel for Bioreactor 3	Pipe Gallery 8A		1-0102-AGAD-R006	
R	ADP	834	ADP-R834	PROFIBUS DP Device Panel for Bioreactor 1	Mechanical Room		1-0102-AGAD-R002	
R	ADP	835	ADP-R835	PROFIBUS DP Device Panel for Bioreactor 2	Blower Room		1-0102-AGAD-R003	
R	ADP	836	ADP-R836	PROFIBUS DP Device Panel for Bioreactor 3	Blower Room		1-0102-AGAD-R003	
R	ADP	837-1	ADP-R837-1	Network Protection Device Panel for Bioreactor 1	Automation Room		1-0102-AGAD-R001	
R	ADP	837-2	ADP-R837-2	Network Protection Device Panel for Bioreactor 2	Automation Room		1-0102-AGAD-R001	
R	ADP	837-3	ADP-R837-3	Network Protection Device Panel for Bioreactor 3	Automation Room		1-0102-AGAD-R001	
R	CP	859	CP-R859	PROFIBUS PA Device Panel	WAS Pump Room		1-0102-AGAD-R004	
R	CP	869	CP-R869	PROFIBUS PA Device Panel	WAS Pump Room		1-0102-AGAD-R004	
R	CWO	881	CWO-R881	Operator Workstation	Control Room		1-0102-AGAD-R001	
R	NP	900	NP-R900	Networking Panel	Automation Room		1-0102-AGAD-R001	
R	CP	901	CP-R901	Server Rack	Automation Room		1-0102-AGAD-R001	
R	NP	906	NP-R906	Administration Network Cabinet	Automation Room		1-0102-AGAD-R001	
R	NAP	911	NAP-R911	Wireless Network Access Point	Electrical Room		1-0102-EGAD-R001	
R	NAP	912	NAP-R912	Wireless Network Access Point	Control Room		1-0102-AGAD-R001	
R	ADP	1001-1	ADP-R1001-1	Analyzer Panel 1	Bioreactor 1		1-0102-AGAD-R007	
R	ADP	1001-2	ADP-R1001-2	Sensor Cleaning Air Distribution Control Panel	Bioreactor 1		1-0102-AGAD-R007	Provided by Contractor
R	ADP	1001-3	ADP-R1001-3	Sensor Cleaning Air Distribution Control Panel	Bioreactor 1		1-0102-AGAD-R007	Provided by Contractor
R	ADP	1001-4	ADP-R1001-4	Sensor Cleaning Air Distribution Control Panel	Bioreactor 1		1-0102-AGAD-R007	Provided by Contractor
R	ADP	1002-1	ADP-R1002-1	Analyzer Panel 2	Bioreactor 1		1-0102-AGAD-R007	
R	ADP	1002-2	ADP-R1002-2	Sensor Cleaning Air Distribution Control Panel	Bioreactor 1		1-0102-AGAD-R007	Provided by Contractor
R	ADP	1002-3	ADP-R1002-3	Sensor Cleaning Air Distribution Control Panel	Bioreactor 1		1-0102-AGAD-R007	Provided by Contractor
R	JBA	1022	JBA-R1022	Bioreactor 1 Anaerobic Zone Sensor Junction Box	Bioreactor 1			Located near associated device
R	JBA	1032	JBA-R1032	Bioreactor 1 Anoxic Zone Sensor Junction Box	Bioreactor 1			Located near associated device
R	JBA	1040-1	JBA-R1040-1	Bioreactor 1 Aerobic IFAS Zone Sensors Junction Box	Bioreactor 1			Located near associated device
R	JBA	1040-2	JBA-R1040-2	Bioreactor 1 Aerobic IFAS Zone Sensors Junction Box	Bioreactor 1			Located near associated device
R	JBA	1045-1	JBA-R1045-1	Bioreactor 1 IFAS Zone Level Transmitter 1 Junction Box	Bioreactor 1			Located near associated device
R	JBA	1045-2	JBA-R1045-2	Bioreactor 1 IFAS Zone Level Transmitter 2 Junction Box	Bioreactor 1			Located near associated device
R	JBA	1051	JBA-R1051	Bioreactor 1 Post Aerobic Zone Sensor Junction Box	Bioreactor 1			Located near associated device
R	JBA	1052	JBA-R1052	Bioreactor 1 Post Aerobic Zone Sensor Junction Box	Bioreactor 1			Located near associated device
R	ADP	1101-1	ADP-R1101-1	Analyzer Panel 1	Bioreactor 2		1-0102-AGAD-R008	
R	ADP	1101-2	ADP-R1101-2	Sensor Cleaning Air Distribution Control Panel	Bioreactor 2		1-0102-AGAD-R008	Provided by Contractor

Process Area	Functional Identifier	Equip Number	Identifier	Description	Location	Previous Identifier	Location Plan Drawing	Notes
Legend								
	Existing							
R	ADP	1101-3	ADP-R1101-3	Sensor Cleaning Air Distribution Control Panel	Bioreactor 2		1-0102-AGAD-R008	Provided by Contractor
R	ADP	1101-4	ADP-R1101-4	Sensor Cleaning Air Distribution Control Panel	Bioreactor 2		1-0102-AGAD-R008	Provided by Contractor
R	ADP	1102-1	ADP-R1102-1	Analyzer Panel 2	Bioreactor 2		1-0102-AGAD-R008	
R	ADP	1102-2	ADP-R1102-2	Sensor Cleaning Air Distribution Control Panel	Bioreactor 2		1-0102-AGAD-R008	Provided by Contractor
R	ADP	1102-3	ADP-R1102-3	Sensor Cleaning Air Distribution Control Panel	Bioreactor 2		1-0102-AGAD-R008	Provided by Contractor
R	JBA	1122	JBA-R1122	Bioreactor 2 Anaerobic Zone Sensor Junction Box	Bioreactor 2			Located near associated device
R	JBA	1132	JBA-R1132	Bioreactor 2 Anoxic Zone Sensor Junction Box	Bioreactor 2			Located near associated device
R	JBA	1140-1	JBA-R1140-1	Bioreactor 2 Aerobic IFAS Zone Sensors Junction Box	Bioreactor 2			Located near associated device
R	JBA	1140-2	JBA-R1140-2	Bioreactor 2 Aerobic IFAS Zone Sensors Junction Box	Bioreactor 2			Located near associated device
R	JBA	1145-1	JBA-R1145-1	Bioreactor 2 IFAS Zone Level Transmitter 1 Junction Box	Bioreactor 2			Located near associated device
R	JBA	1145-2	JBA-R1145-2	Bioreactor 2 IFAS Zone Level Transmitter 2 Junction Box	Bioreactor 2			Located near associated device
R	JBA	1151	JBA-R1151	Bioreactor 2 Post Aerobic Zone Sensor Junction Box	Bioreactor 2			Located near associated device
R	JBA	1152	JBA-R1152	Bioreactor 2 Post Aerobic Zone Sensor Junction Box	Bioreactor 2			Located near associated device
R	ADP	1201-1	ADP-R1201-1	Analyzer Panel 1	Bioreactor 3		1-0102-AGAD-R009	
R	ADP	1201-2	ADP-R1201-2	Sensor Cleaning Air Distribution Control Panel	Bioreactor 3		1-0102-AGAD-R009	Provided by Contractor
R	ADP	1201-3	ADP-R1201-3	Sensor Cleaning Air Distribution Control Panel	Bioreactor 3		1-0102-AGAD-R009	Provided by Contractor
R	ADP	1201-4	ADP-R1201-4	Sensor Cleaning Air Distribution Control Panel	Bioreactor 3		1-0102-AGAD-R009	Provided by Contractor
R	ADP	1202-1	ADP-R1202-1	Analyzer Panel 2	Bioreactor 3		1-0102-AGAD-R009	
R	ADP	1202-2	ADP-R1202-2	Sensor Cleaning Air Distribution Control Panel	Bioreactor 3		1-0102-AGAD-R009	Provided by Contractor
R	ADP	1202-3	ADP-R1202-3	Sensor Cleaning Air Distribution Control Panel	Bioreactor 3		1-0102-AGAD-R009	Provided by Contractor
R	JBA	1222	JBA-R1222	Bioreactor 3 Anaerobic Zone Sensor Junction Box	Bioreactor 3			Located near associated device
R	JBA	1232	JBA-R1232	Bioreactor 3 Anoxic Zone Sensor Junction Box	Bioreactor 3			Located near associated device
R	JBA	1240-1	JBA-R1240-1	Bioreactor 3 Aerobic IFAS Zone Sensors Junction Box	Bioreactor 3			Located near associated device
R	JBA	1240-2	JBA-R1240-2	Bioreactor 3 Aerobic IFAS Zone Sensors Junction Box	Bioreactor 3			Located near associated device
R	JBA	1245-1	JBA-R1245-1	Bioreactor 3 IFAS Zone Level Transmitter 1 Junction Box	Bioreactor 3			Located near associated device
R	JBA	1245-2	JBA-R1245-2	Bioreactor 3 IFAS Zone Level Transmitter 2 Junction Box	Bioreactor 3			Located near associated device
R	JBA	1251	JBA-R1251	Bioreactor 3 Post Aerobic Zone Sensor Junction Box	Bioreactor 3			Located near associated device
R	JBA	1252	JBA-R1252	Bioreactor 3 Post Aerobic Zone Sensor Junction Box	Bioreactor 3			Located near associated device
R	JBA	1301	JBA-R1301	Mixed Liquor Channel Level Transmitter Junction Box	Bioreactor 1			Located near associated device
R	JBA	1303	JBA-R1303	Bioreactor Bypass Channel Level Transmitter Junction Box	Bioreactor 1			Located near associated device
R	JBA	1803	JBA-R1803	RAS Channel Level Transmitter Junction Box	Bioreactor 1			Located near associated device
R	JBA	5012	JBA-R5012	Sump Level Switch Junction Box	Gallery 8A			Located near associated device
R	JBA	6108	JBA-R6108	AHU-R640 Intake Damper FV-R6108 Junction Box	Blower Room			Located near associated device
R	JBA	6111	JBA-R6111	Exhaust Fan EF-R611 Damper XV-R6111 Junction Box	Gallery 5B			Located near associated device
R	JBA	6121	JBA-R6121	Exhaust Fan EF-R612 Damper XV-R6121 Junction Box	Blower Room			Located near associated device
R	JBA	6209-1	JBA-R6209-1	Blower Room Outdoor Air Damper XV-R6209-1 Junction Box	Blower Room			Located near associated device
R	JBA	6209-2	JBA-R6209-2	Blower Room Outdoor Air Damper XV-R6209-2 Junction Box	Blower Room			Located near associated device
R	JBA	6211	JBA-R6211	Exhaust Fan EF-R621 Damper XV-R6211 Junction Box	Blower Room			Located near associated device
R	JBA	6221	JBA-R6221	Exhaust Fan EF-R622 Damper XV-R6221 Junction Box	Blower Room			Located near associated device
R	JBA	6231	JBA-R6231	Exhaust Fan EF-R623 Damper XV-R6231 Junction Box	Blower Room			Located near associated device
R	JBA	6407	JBA-R6407	Temperature Transmitter TT-R6407 Junction Box	Control Room		1-0102-AGAD-R001	
R	JBA	6511	JBA-R6511	Mechanical Room Outdoor Air Damper XV-R6511 Junction Box	Mechanical Room			Located near associated device
R	JBA	6512	JBA-R6512	Exhaust Fan EF-R651 Damper XV-R6512 Junction Box	Mechanical Room			Located near associated device
R	JBA	9631	JBA-R9631	Electrical Room South Door Switch Junction Box	Electrical Room			Located near associated device
R	JBA	9632	JBA-R9632	Electrical Room East Door Switch Junction Box	Electrical Room			Located near associated device
R	JBA	9633	JBA-R9633	Electrical Room North Door Switch Junction Box	Electrical Room			Located near associated device
R	JBA	9641	JBA-R9641	Mechanical Room East Door Switch Junction Box	Mechanical Room			Located near associated device
R	JBA	9651	JBA-R9651	Vestibule East Door Switch Junction Box	Vestibule			Located near associated device
R	JBA	9661	JBA-R9661	Stairwell North Door Switch Junction Box	Stair 1			Located near associated device
R	JBA	9662	JBA-R9662	Stairwell West Door Switch Junction Box	Stair 1			Located near associated device
R	JBA	9671	JBA-R9671	Stairwell South Door Switch Junction Box	Stair 2			Located near associated device
R	JBA	9672	JBA-R9672	Stairwell West Door Switch Junction Box	Stair 2			Located near associated device
R	JBA	9681	JBA-R9681	Blower Room Southeast Door Switch Junction Box	Blower Room			Located near associated device
R	JBA	9682	JBA-R9682	Blower Room Overhead Door Switch Junction Box	Blower Room			Located near associated device
R	JBA	9683	JBA-R9683	Blower Room Northeast Door Switch Junction Box	Blower Room			Located near associated device
R	JBA	9691	JBA-R9691	Control Room Door Switch Junction Box	Control Room			Located near associated device
R	JBA	9692	JBA-R9692	Automation Room Door Switch Junction Box	Automation Room			Located near associated device
S	GDC	1	GDC-S1	Gas Detection Controller	Secondary Lab		1-0102-AGAD-S001	
S	JBA-GDC	1	JBA-GDC-S1	Gas Detection Junction Box	Secondary Lab		1-0102-AGAD-S001	Existing
S	SCP	6	SCP-S6	Sludge Pumping Control Panel	Truck Bay		SEP-471	Existing Panel To Be Modified
S	ADP	110	ADP-S110	Clarifier 1 Torque Indication Controller Panel	Clarifier 1 & 2		SEP-473	Provided by Clarifier Mechanism Vendor
S	CP	110	CP-S110	Clarifier 1 Control Panel	Clarifier 1 & 2		SEP-473	Provided by Clarifier Mechanism Vendor
S	ADP	120	ADP-S120	Clarifier 2 Torque Indication Controller Panel	Clarifier 1 & 2		SEP-473	Provided by Clarifier Mechanism Vendor
S	CP	120	CP-S120	Clarifier 2 Control Panel	Clarifier 1 & 2		SEP-473	Provided by Clarifier Mechanism Vendor
S	ADP	140	ADP-S140	Clarifier 4 Torque Indication Controller Panel	Clarifier 4 Walkway Bridge		1-0102-AGAD-S013	Provided by Clarifier Mechanism Vendor

Process Area	Functional Identifier	Equip Number	Identifier	Description	Location	Previous Identifier	Location Plan Drawing	Notes
Legend								
Existing								
S	CP	140	CP-S140	Clarifier 4 Control Panel	Existing Walkway		1-0102-AGAD-S015	Provided by Clarifier Mechanism Vendor
S	ADP	150	ADP-S150	Clarifier 5 Torque Indication Controller Panel	Clarifier 5 Walkway Bridge		1-0102-AGAD-S014	Provided by Clarifier Mechanism Vendor
S	CP	150	CP-S150	Clarifier 5 Control Panel	Walkway A		1-0102-AGAD-S016	Provided by Clarifier Mechanism Vendor
S	JBA	216	JBA-S216	P-S216 RAS Pump Junction Box	Secondary Clarifier 3 Basement			Located near associated device
S	JBA	217	JBA-S217	P-S217 RAS Pump Junction Box	Pump Room S-B44			Located near associated device
S	JBA	218	JBA-S218	P-S218 RAS Pump Junction Box	Pump Room S-B44			Located near associated device
S	JBA	316	JBA-S316	P-S316 Scum Pump Junction Box	Pump Room S-B44			Located near associated device
S	JBA	317	JBA-S317	P-S317 Scum Pump Junction Box	Pump Room S-B44			Located near associated device
S	LCP	540	LCP-S540	Effluent Sampler SA-S540 Local Control Panel	Loading Area A		1-0102-AGAD-S010	Provided by Sampler Vendor
S	JBA	550	JBA-S550	Flushing Water Pump P-S550 Junction Box	Sump Pump Area			Located near associated device
S	ADP	593	ADP-S593	Submersible Pump P-S593 Monitoring Relay Panel	Sump Pump Area		1-0102-AGAD-S010	
S	ADP	594	ADP-S594	Submersible Pump P-S594 Monitoring Relay Panel	Sump Pump Area		1-0102-AGAD-S010	
S	JBA	635-1	JBA-S635-1	Mechanical Room Electric Unit Heater 1 Junction Box	Clarifiers 4 & 5 Mechanical Room			Located near associated device
S	JBA	635-2	JBA-S635-2	Mechanical Room Electric Unit Heater 2 Junction Box	Clarifiers 4 & 5 Mechanical Room			Located near associated device
S	CP	641	CP-S641	Air Conditioning Unit ACU-S641 Wired Remote Controller Panel	Clarifiers 4 & 5 Electrical Room		1-0102-EGAD-S002	Provided by ACU Vendor
S	JBA	641	JBA-S641	Electrical Room ACU-S641 Junction Box	Clarifiers 4 & 5 Electrical Room			Located near associated device
S	CP	642	CP-S642	Air Conditioning Unit ACU-S642 Wired Remote Controller Panel	Clarifiers 4 & 5 Electrical Room		1-0102-EGAD-S002	Provided by ACU Vendor
S	JBA	642	JBA-S642	Electrical Room ACU-S642 Junction Box	Clarifiers 4 & 5 Electrical Room			Located near associated device
S	CP	643	CP-S643	Air Conditioning Unit ACU-S643 Wired Remote Controller Panel	Clarifiers 4 & 5 Electrical Room		1-0102-EGAD-S002	Provided by ACU Vendor
S	JBA	643	JBA-S643	Electrical Room ACU-S643 Junction Box	Clarifiers 4 & 5 Electrical Room			Located near associated device
S	CP	644	CP-S644	Air Conditioning Unit ACU-S644 Wired Remote Controller Panel	Clarifiers 4 & 5 Electrical Room		1-0102-EGAD-S002	Provided by ACU Vendor
S	JBA	644	JBA-S644	Electrical Room ACU-S644 Junction Box	Clarifiers 4 & 5 Electrical Room			Located near associated device
S	CP	646	CP-S646	Air Conditioning Unit ACU-S646 Wired Remote Controller Panel	Laboratory & Control Room		1-0102-AGAD-S002	Provided by ACU Vendor
S	JBA	646	JBA-S646	Laboratory Room and Control Room ACU-S646 Junction Box	Laboratory & Control Room			Located near associated device
S	JBA	655	JBA-S655	Walkway A West Gas Unit Heater UH-S655 Junction Box	Walkway A S-144			Located near associated device
S	JBA	656	JBA-S656	Walkway A East Gas Unit Heater UH-S656 Junction Box	Walkway A S-145			Located near associated device
S	JBA	657-1	JBA-S657-1	Storage Room Electric Unit Heater 1 Junction Box	Storage Room			Located near associated device
S	JBA	657-2	JBA-S657-2	Storage Room Electric Unit Heater 2 Junction Box	Storage Room			Located near associated device
S	JBA	659	JBA-S659	Loading Area B Gas Unit Heater UH-S659 Junction Box	Loading Area B			Located near associated device
S	LCP	673	LCP-S673	Automatic Strainer STR-S673 Control Panel	Mechanical Room		1-0102-EGAD-S003	Provided by Automatic Strainer Vendor
S	LCP	674	LCP-S674	Automatic Strainer STR-S674 Control Panel	Mechanical Room		1-0102-EGAD-S003	Provided by Automatic Strainer Vendor
S	CP	820-1	CP-S820-1	Process PLC and RIO Cabinet - PLC-S801-A, RIO-S801-1, and RIO-S801-2	Control Room	PCU-SF, CAB 7	1-0102-AGAD-S001	
S	CP	820-2	CP-S820-2	Termination Unit Cabinet	Control Room	PCU-SF, CAB 8	1-0102-AGAD-S001	
S	CP	820-3	CP-S820-3	Process PLC and RIO Cabinet - PLC-S801-B and RIO-S801-3	Control Room	PCU-SG, CAB 9	1-0102-AGAD-S001	
S	CP	820-4	CP-S820-4	Termination Unit Cabinet	Control Room	PCU-SG, CAB 10	1-0102-AGAD-S001	
S	CP	820-5	CP-S820-5	Empty Cabinet	Control Room	PCU-SD, CAB 3	1-0102-AGAD-S001	
S	CP	820-6	CP-S820-6	Empty Cabinet	Control Room	PCU-SD, CAB 4	1-0102-AGAD-S001	
S	CP	820-7	CP-S820-7	Empty Cabinet	Control Room	PCU-SE, CAB 5	1-0102-AGAD-S001	
S	CP	820-8	CP-S820-8	Empty Cabinet	Control Room	PCU-SE, CAB 6	1-0102-AGAD-S001	
S	CP	821	CP-S821	Field Device Panel, Secondary Clarifier Control Room A	Control Room	FDP-S	1-0102-AGAD-S001	
S	CP	822	CP-S822	Process PLC and Device Network Cabinet - PLC-S802, Secondary Clarifiers 4 & 5	Clarifiers 4 & 5 Electrical Room		1-0102-EGAD-S002	
S	PSP	822	PSP-S822	Power Supply Cabinet	Clarifiers 4 & 5 Electrical Room		1-0102-EGAD-S002	
S	CP	823	CP-S823	Process RIO Cabinet - RIO-S802-1, Secondary Clarifiers 4 & 5	Clarifiers 4 & 5 Electrical Room		1-0102-EGAD-S002	
S	CP	826	CP-S826	HVAC PLC Cabinet - PLC-S806	Clarifier 4 & 5 Mechanical Room		1-0102-AGAD-S010	
S	CP	830	CP-S830	Clarifier 4 and 5 Heaters Contactor Panel	Clarifiers 4 & 5 Electrical Room		1-0102-EGAD-S002	
S	CWO	881	CWO-S881	Operator Workstation	Control Room		1-0102-AGAD-S001	
S	CWO	882	CWO-S882	Operator Workstation	Laboratory & Control Room		1-0102-AGAD-S002	
S	NP	900	NP-S900	Networking Cabinet, Secondary Clarifiers East	Control Room		1-0102-AGAD-S001	
S	NP	901	NP-S901	Networking Cabinet, Secondary Clarifiers West	Clarifiers 4 & 5 Electrical Room		1-0102-EGAD-S002	
S	NP	906	NP-S906	Administration Network Cabinet	Control Room		1-0102-AGAD-S001	Existing
S	NP	907	NP-S907	Administration Network Cabinet	Clarifiers 4 & 5 Electrical Room		1-0102-EGAD-S002	
S	NAP	911	NAP-S911	Wireless Network Access Point	Control Room		1-0102-AGAD-S001	
S	NAP	912	NAP-S912	Wireless Network Access Point	Corridor (S-202)		1-0102-AGAD-S001	
S	NAP	913	NAP-S913	Wireless Network Access Point	Clarifiers 4 & 5 Electrical Room		1-0102-EGAD-S002	
S	PRN	915	PRN-S915	Truck Bay Printer for Sludge Haulers	Truck Bay		SEP-471	
S	JBA	5842	JBA-S5842	P-S584 and P-S585 Sump Pumps Level Switch Junction Box	Storage Room			Located near associated device
S	JBA	5862	JBA-S5862	P-S586 and P-S587 Sump Pumps Level Switch Junction Box	Pump Room			Located near associated device
S	JBA	5882	JBA-S5882	P-S588 and P-S589 Sump Pumps Level Switch Junction Box	Clarifiers 4 & 5 Mechanical Room			Located near associated device
S	JBA	5921	JBA-S5921	LT-S5921 Level Transmitter Junction Box	Pump Room Area			Located near associated device
S	JBA	5952	JBA-S5952	P-S595 Sump Pump Level Switch Junction Box	Pump Room Area			Located near associated device
S	JBA	6311	JBA-S6311	Exhaust Fan EF-S631 Damper XV-S6311 Junction Box	Pump Room Roof			Located near associated device
S	JBA	6321	JBA-S6321	Exhaust Fan EF-S632 Damper XV-S6321 Junction Box	Pump Room Roof			Located near associated device
S	JBA	6508	JBA-S6508	AHU-S640 Intake Damper FV-S6508 Junction Box	Clarifiers 4 & 5 Mechanical Room			Located near associated device
S	JBA	6511	JBA-S6511	Exhaust Fan EF-S651 Damper XV-S6511 Junction Box	Walkway A			Located near associated device
S	JBA	6541	JBA-S6541	Exhaust Fan EF-S654 Damper XV-S6541 Junction Box	Storage Room Roof			Located near associated device

Process Area	Functional Identifier	Equip Number	Identifier	Description	Location	Previous Identifier	Location Plan Drawing	Notes
Legend								
	Existing							
S	DS	6634	DS-S6634	Discharge Flushing Water Valve XV-S6634 Disconnect Switch				Located near associated device
S	JBA	6634	JBA-S6634	Heat Exchange HE-S663 Flushing Water Valve Junction Box	Clarifiers 4 & 5 Mechanical Room			Located near associated device
S	JBA	9811	JBA-S9811	Stairwell West Door Switch Junction Box	Stair 1, S-141			Located near associated device
S	JBA	9831	JBA-S9831	Electrical Room Door Switch Junction Box	Clarifiers 4 & 5 Electrical Room			Located near associated device
S	JBA	9833	JBA-S9833	Truck Bay South Door Switch Junction Box	Loading Area B			Located near associated device
S	JBA	9834	JBA-S9834	Truck Bay South Overhead Door Switch Junction Box	Loading Area B			Located near associated device
S	JBA	9832	JBA-S9832	Lab and Control Room Door Switch Junction Box	Laboratory and Control Room			Located near associated device
S	JBA	9821	JBA-S9821	Stairwell North Door Switch Junction Box	Pump Room Roof			Located near associated device
T	CP	100	CP-T100	Winterization System Control Panel	Gallery 5		1-0102-AGAD-T001	Provided by Biofilter Vendor
T	CP	200	CP-T200	Biofilter Control Panel	Gallery 5		1-0102-AGAD-T001	Provided by Biofilter Vendor
T	CP	610	CP-T610	Humidifier Room AHU-T610 Control Panel	Electrical Room B		1-0102-EGAD-D002	Provided by AHU Vendor
T	JBA	830	JBA-T830	24 VDC Junction Box	Gallery 5		1-0102-AGAD-T001	
T	ADP	2601	ADP-T2601	IS Barriers Cabinet	Gallery 5		1-0102-AGAD-T001	
T	JBA	2601-1	JBA-T2601-1	Process Sump Level Switches LSHH-T2601 and LSLT-T2601 Control Junction Box	Gallery 5		1-0102-AGAD-T001	
T	JBA	2601-2	JBA-T2601-2	Process Sump Level Switches LSHH-T2601 and LSLT-T2601 Junction Box	Humidifier Romm		NA	Located near associated device
T	JBA	6111	JBA-T6111	Exhaust Fan EF-T611 Damper XV-T6111 Junction Box	Humidifier Romm		NA	Located near associated device
T	JBA	6121	JBA-T6121	Exhaust Fan EF-T612 Damper XV-T6121 Junction Box	Humidifier Romm		NA	Located near associated device
U	CP	210	CP-U210	UV Reactor UVR-U210 System Control Centre	Equipment Room		1-0102-AGAD-U001	Provided by UV System Vendor
U	CP	220	CP-U220	UV Reactor UVR-U220 System Control Centre	Equipment Room		1-0102-AGAD-U002	Provided by UV System Vendor
U	JBA	654	JBA-U654	Gas Unit Heater Junction Box	Walkway B		1-0102-AGAD-U001	
U	CP	821	CP-U821	Process RIO Cabinet - RIO-S802-2	Electrical Room		1-0102-EGAD-U002	
U	JBA	830	JBA-U830	Control Junction Box JBA-U830	Electrical Room	CJB-Z	1-0102-EGAD-U002	Existing Panel To Be Modified
U	CWO	881	CWO-U881	Operator Workstation	Electrical Room		1-0102-EGAD-U002	
U	NP	900	NP-U900	Network Cabinet	Electrical Room		1-0102-EGAD-U002	
U	NP	906	NP-U906	Administration Network Cabinet	Electrical Room		1-0102-EGAD-U002	
U	NAP	911	NAP-U911	Network Access Point	Electrical Room		1-0102-EGAD-U002	
U	JBA	1201	JBA-U1201	Analyzer AIT-U1201 Junction Box	Equipment Room		1-0102-AGAD-U001	
U	ADP	1921	ADP-U1921	Network Protection Device Cabinet	Effluent Chamber		1-0102-AGAD-U001	
U	JBA	9661	JBA-U9661	Walkway B Door Switch Junction Box	Walkway B			Located near associated device
Y	SP	1	SP1	Sampler Water Pump Control Panel	Dry Room		1-0102-AGAD-Y001	
Y	CP	1	CP-1	Main Control Panel	Dry Side Room	PNL B-8	1-0102-AGAD-Y001	
Y	SF	2	SF-2	Supply Fan Control Panel	Wet Room		1-0102-AGAD-Y001	
Y	CP	3	CP-3	Automatic Sampler Controller	Dry Room	PNL B-10	1-0102-AGAD-Y001	
Y	ADP	830	ADP-Y830	Network and PROFIBUS DP Device Cabinet	Dry Side Room		1-0102-AGAD-Y001	
Y	NPP	900	NPP-Y900	Network Fibre Patch Panel	Dry Side Room		1-0102-AGAD-Y001	