A1 SIZE – 594mm x 841mm

HIGH RATE CLARIFICATION BUILDING
DRAWING INDEX (2)

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243	1-0102-ABDG-K001	HIGH RATE CLARIFICATION BUILDING, CONTROL SYSTEM ARCHITECTURE
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245	1-0102-ACBD-K002-001	POWER DISTRIBUTION SCHEMATIC, PSP-K820 POWER SUPPLY CABINET
246	1-0102-ACBD-K002-002	POWER DISTRIBUTION SCHEMATIC, PSP-K820 POWER SUPPLY CABINET
247	1-0102-ACBD-K002-003	POWER DISTRIBUTION SCHEMATIC, PSP-K820 POWER SUPPLY CABINET
248	1-0102-ACBD-K002-004	POWER DISTRIBUTION SCHEMATIC, PSP-K820 POWER SUPPLY CABINET
249	1-0102-ACBD-K002-005	POWER DISTRIBUTION SCHEMATIC, PSP-K820 POWER SUPPLY CABINET
250	1-0102-ACBD-K003	CABINET LAYOUT, CP-K820 PLC AND DEVICE NETWORK EQUIPMENT CABINET
251	1-0102-ACBD-K004	POWER DISTRIBUTION SCHEMATIC, CP-K820 PLC AND DEVICE NETWORK EQUIPMENT CABINET
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253	1-0102-ACBD-K010-001	CABINET LAYOUT, CP-K821, PROCESS RIO CABINET – RIO-K800-1
254	1-0102-ACBD-K010-002	CABINET LAYOUT, CP-K821, PROCESS RIO CABINET – RIO-K800-1
255	1-0102-ACBD-K011	POWER DISTRIBUTION SCHEMATIC, CP-K821, PROCESS RIO CABINET – RIO-K800-1
256	1-0102-ACBD-K012-001	WIRING DIAGRAM, CP-K821, RIO-K800-1 – DISCRETE INPUTS
257	1-0102-ACBD-K012-002	WIRING DIAGRAM, CP-K821, RIO-K800-1 – DISCRETE INPUTS
258	1-0102-ACBD-K012-003	WIRING DIAGRAM, CP-K821, RIO-K800-1 – DISCRETE INPUTS
259	1-0102-ACBD-K013-001	WIRING DIAGRAM, CP-K821, RIO-K800-1 – DISCRETE OUTPUTS
260	1-0102-ACBD-K013-002	WIRING DIAGRAM, CP-K821, RIO-K800-1 – DISCRETE OUTPUTS
261	1-0102-ACBD-K014	WIRING DIAGRAM, CP-K821, RIO-K800-1 – ANALOG INPUTS
262	1-0102-ACBD-K016-001	WIRING DIAGRAM, CP-K821, RIO-K800-1 – MISCELLANEOUS WIRING
263	1-0102-ACBD-K016-002	WIRING DIAGRAM, CP-K821, RIO-K800-1 – MISCELLANEOUS WIRING
264	1-0102-ACBD-K031-001	CABINET LAYOUT, CP-K826, HVAC PLC CABINET – PLC-K806
265	1-0102-ACBD-K031-002	CABINET LAYOUT, CP-K826, HVAC PLC CABINET – PLC-K806
266	1-0102-ACBD-K032	POWER DISTRIBUTION SCHEMATIC, CP-K826, HVAC PLC CABINET – PLC-K806
267	1-0102-ACBD-K033-001	WIRING DIAGRAM, CP-K826, PLC-K806 – DISCRETE INPUTS
268	1-0102-ACBD-K033-002	WIRING DIAGRAM, CP-K826, PLC-K806 – DISCRETE INPUTS
269	1-0102-ACBD-K034	WIRING DIAGRAM, CP-K826, PLC-K806 – DISCRETE OUTPUTS
270	1-0102-ACBD-K035-001	WIRING DIAGRAM, CP-K826, PLC-K806 – ANALOG INPUTS
271	1-0102-ACBD-K035-002	WIRING DIAGRAM, CP-K826, PLC-K806 – ANALOG INPUTS
272	1-0102-ACBD-K035-003	WIRING DIAGRAM, CP-K826, PLC-K806 – ANALOG INPUTS
273	1-0102-ACBD-K036	WIRING DIAGRAM, CP-K826, PLC-K806 – ANALOG OUTPUTS
274	1-0102-ACBD-K037-001	CABINET LAYOUT, CP-K827, HVAV RIO CABINET – RIO-K806-1
275	1-0102-ACBD-K037-002	CABINET LAYOUT, CP-K827, HVAC RIO CABINET – RIO-K806-1
276	1-0102-ACBD-K038	POWER DISTRIBUTION SCHEMATIC, CP-K827, HVAC RIO CABINET – RIO-K806-1
277	1-0102-ACBD-K039-001	WIRING DIAGRAM, CP-K827, RIO-K806-1 – DISCRETE INPUTS
278	1-0102-ACBD-K039-002	WIRING DIAGRAM, CP-K827, RIO-K806-1 – DISCRETE INPUTS
279	1-0102-ACBD-K040	WIRING DIAGRAM, CP-K827, RIO-K806-1 – DISCRETE OUTPUTS
280	1-0102-ACBD-K041-001	WIRING DIAGRAM, CP-K827, RIO-K806-1 – ANALOG INPUTS
281	1-0102-ACBD-K041-002	WIRING DIAGRAM, CP-K827, RIO-K806-1 – ANALOG INPUTS
282	1-0102-ACBD-K042	WIRING DIAGRAM, CP-K826, PLC-K806 – ANALOG OUTPUTS
283	1-0102-ACBD-K051-001	CABINET LAYOUT, JUNCTION BOXES
284	1-0102-ACBD-K051-002	CABINET LAYOUT, JUNCTION BOXES
285	1-0102-ACBD-K051-003	CABINET LAYOUT, JUNCTION BOXES
286	1-0102-ACBD-K052	CABINET LAYOUT, JBA-K690, JUNCTION BOX
287	1-0102-ACBD-K053	CABINET LAYOUT, JUNCTION BOXES – ENTRY STATIONS
288	1-0102-ACBD-K054	CABINET LAYOUT, JBA-K614, WASTE SLUDGE SUMP AIR DAMPERS JUNCTION BOX
289	1-0102-ACBD-K056	WIRING DIAGRAM, XK-K1145, XK-K1245 DRAINAGE VALVES REMOTE CONTROL STATIONS
290	1-0102-ACBD-K061	CABINET LAYOUT, CP-K830 , UNIT HEATERS CABINET LAYOUT
291	1-0102-ACBD-K901	CABINET LAYOUT, NP-K900 NETWORK CABINET
292	1-0102-ACBD-K902	POWER DISTRIBUTION SCHEMATIC, NP-K900 NETWORK CABINET
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294	1-0102-ADTL-K002	INSTRUMENT DETAILS, MISCELLANEOUS
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296	1-0102-AGAD-K002	INSTRUMENT LOCATION PLAN, GROUND FLOOR WEST PLAN
297	1-0102-AGAD-K003	INSTRUMENT LOCATION PLAN, GROUND FLOOR EAST PLAN
298	1-0102-AGAD-K004	INSTRUMENT LOCATION PLAN, ROOF PLAN
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300	1-0102-AIFS-K001-002	PROFIBUS SEGMENT DIAGRAM, TRAIN 1 AND EFFLUENT, PROFIBUS DP SEGMENTS ND-K840
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302	1-0102-AIFS-K002	PROFIBUS SEGMENT DIAGRAM, TRAIN 2 AND SLUDGE PUMPING, PROFIBUS DP SEGMENTS ND-K841
303	1-0102-AILD-K101	LOOP DIAGRAM, LIT-K1102 AND FIT-K1102, HRC TRAIN 1 INFLUENT FLOW
304	1-0102-AILD-K102	LOOP DIAGRAM, OT-K1140 AND LSH-K1144, CM-K114 TORQUE AND TK-K114 LEVEL HIGH
305	1-0102-AILD-K103	LOOP DIAGRAM, LIT-K1202 AND FIT-K1202, HRC TRAIN 2 INFLUENT FLOW
306	1-0102-AILD-K104	LOOP DIAGRAM, OT-K1240 AND LSH-K1244, CM-K124 TORQUE AND TK-K124 LEVEL HIGH
307	1-0102-AILD-K105	LOOP DIAGRAM, XV-K1512, EFFLUENT SPRAY VALVE
308	1-0102-AILD-K106	LOOP DIAGRAM, XV-K1123, POLYMER VALVE FOR TK-K112
309	1-0102-AILD-K107	LOOP DIAGRAM, XV-K1124, POLYMER VALVE FOR TK-K211
310	1-0102-AILD-K108	LOOP DIAGRAM, XV-K1125, POLYMER VALVE FOR TK-K212
311	1-0102-AILD-K110	LOOP DIAGRAM, XV-K1223, POLYMER VALVE FOR TK-K122
312	1-0102-AILD-K111	LOOP DIAGRAM, XV-K1224, POLYMER VALVE FOR TK-K221
313	1-0102-AILD-K112	LOOP DIAGRAM, XV-K1225, POLYMER VALVE FOR TK-K222
314	1-0102-AILD-K114	LOOP DIAGRAM, XV-K1141, XV-K1142 AND XV-K1143, AIR SCOUR SOLENOID VALVES
315	1-0102-AILD-K115	LOOP DIAGRAM, XV-K1241, XV-K1242 AND XV-K1243, AIR SCOUR SOLENOID VALVES
316	1-0102-AILD-K116	LOOP DIAGRAM, LIT-K1511, EFFLUENT CHANNEL LEVEL
317	1-0102-AILD-K117	LOOP DIAGRAM, PDSH-K1601, TT-K1603 AND PT-K1604, BLOWER B-K160 INSTRUMENTS
318	1-0102-AILD-K118	LOOP DIAGRAM, AIT-K1153 & FSL-K1154, EFFLUENT CHANNEL 1 PH & TURBIDITY AND SAMPLE FLOW SWITCH
319	1-0102-AILD-K119	LOOP DIAGRAM, AIT-K1253 & FSL-K1254, EFFLUENT CHANNEL 2 PH & TURBIDITY AND SAMPLE FLOW SWITCH
320	1-0102-AILD-K120	LOOP DIAGRAM, LIT-K1132 AND LIT-K1232, MATURATION ZONE TANK TK-K113 & TK-K1123LEVEL
321	1-0102-AILD-K121	LOOP DIAGRAM, HS-K1106-1, HS-K1106-2, HS-K1206-1 AND HS-K1206-2, PROCESS STOP SWITCHES
322	1-0102-AILD-K122	LOOP DIAGRAM, XV-K1103, INFLUENT CHANNEK 1 SODIUM HYPOCHLORITE SUPPLY VALVE
323	1-0102-AILD-K123	LOOP DIAGRAM, XV-K1134, TANK TK-K113 SODIUM HYPOCHLORITE SUPPLY VALVE
324	1-0102-AILD-K124	LOOP DIAGRAM, XV-K1203, INFLUENT CHANNEK 2 SODIUM HYPOCHLORITE SUPPLY VALVE
325	1-0102-AILD-K125	LOOP DIAGRAM, XV-K1234, TANK TK-K123 SODIUM HYPOCHLORITE SUPPLY VALVE
326	1-0102-AILD-K126	LOOP DIAGRAM, XV-K1155, EFFLUENT CHANNEL 1 SAMPLE LINE VALVE
327	1-0102-AILD-K127	LOOP DIAGRAM, XV-K1255, EFFLUENT CHANNEL 2 SAMPLE LINE VALVE
328	1-0102-AILD-K128	LOOP DIAGRAM, XV-K1156 AND XV-K1256, CHANNEL 1 & 2 FLUSHING WATER SOLENOID VALVES
329	1-0102-AILD-K201	LOOP DIAGRAM, PT-K2112, PT-K2122 & PT-K2132 SLUDGE RECYCLE PUMPS PRESSURE
330	1-0102-AILD-K202	LOOP DIAGRAM, PT-K2212, PT-K2222 & PT-K2232 SLUDGE RECYCLE PUMPS PRESSURE
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333	1-0102-AILD-K205	LOOP DIAGRAM, LSHH-K2504, WASTE SLUDGE SUMP HIGH LEVEL
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338	1-0102-AILD-K501	LOOP DIAGRAM, LSH-K5012, SUMP LEVEL
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341	1-0102-AILD-K601-002	LOOP DIAGRAM, AHU-K610, CLARIFIER ROOM AIR HANDLING UNIT
342	1-0102-AILD-K601-003	LOOP DIAGRAM, AHU-K610, CLAIRIFER ROOM AIR HANDLING UNIT
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344	1-0102-AILD-K603	LOOP DIAGRAM, TV-K6104 AND TT-K6132, AHU-K610 TEMP VALVE AND CLARIFIER ROOM TEMP TRANSMITTER
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348	1-0102-AILD-K606-002	LOOP DIAGRAM, AHU-K620, CLARIFIER ROOM AIR HANDLING UNIT
349	1-0102-AILD-K606-003	LOOP DIAGRAM, AHU-K620, CLAIRIFER ROOM AIR HANDLING UNIT
350	1-0102-AILD-K607	LOOP DIAGRAM, FIT-K6209 & FIT-K6222, EF-K621 AND EF-K622 EXHAUST FANS FLOW TRANSMITTERS
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359	1-0102-AILD-K613-002	LOOP DIAGRAM, AHU-K640, ELECTRICAL ROOM AIR HANDLING UNIT
360	1-0102-AILD-K613-003	LOOP DIAGRAM, AHU-K640, ELECTRICAL ROOM AIR HANDLING UNIT
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362	1-0102-AILD-K615	LOOP DIAGRAM, FIT-K6621, TT-K6622 AND TT-K6623, HOT WATER, SUPPLY AND RETURN TEMP.
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367	1-0102-AILD-K620	LOOP DIAGRAM, CU-K641 & ACU-K641, ELECTRICAL ROOM AIR CONDITIONING UNIT
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370	1-0102-AILD-K631	LOOP DIAGRAM, AIT-K6921, PUMP ROOM GAS DETECTION
371	1-0102-AILD-K632	LOOP DIAGRAM, GDC-K690, CLARIFIER ROOM AND PUMP ROOM GAS DETECTION
372	1-0102-AILD-K633	LOOP DIAGRAM, AAH-K6901-1, 2, 3, 4 AND AAH-K6920-1, 2, 3, CLARIFIER RM & & PUMP RM GAS DETECTION
373	1-0102-AILD-K901	LOOP DIAGRAM,ZSC-K9601, ZSC-K9602, ZSC-K9603, ZSC-K6911 & ZSC-K9621, DOOR SWITCHES
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377	1-0102-AILD-K905	LOOP DIAGRAM, XS-K9641, SERVICE GALLERY MOTION DETECTOR
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SHT. NO.	DWG. NO.	DESCRIPTION