

AUTOMATION DRAWINGS

AUTOMATION DRAWINGS (CONTINUED)

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DWG & SHEET No.	DESCRIPTION	REV.	DWG & SHEET No.	DESCRIPTION	REV.	DWG & SHEET No.	DESCRIPTION	REV.
1-0102-ACBD-P003-004	SOUTH END WATER POLLUTION CONTROL CENTRE SEWPPC UPGRADING/EXPANSION PROJECT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS CP-P820-1 AND CP-P820-2, RIO-P800-1 - DISCRETE INPUTS	01	1-0102-ACBD-P308-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS LCP-P302-1, PLC-P302 - DISCRETE OUTPUTS	00	1-0102-ACBD-P321-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - CABINET LAYOUT PRIMARY CLARIFIERS LCP-P311-2, TRAVELLING BRIDGE PLC CABINET - RIO-P311	00
1-0102-ACBD-P004-001	SOUTH END WATER POLLUTION CONTROL CENTRE SEWPPC UPGRADING/EXPANSION PROJECT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS CP-P820-1 AND CP-P820-2, RIO-P800-1 - DISCRETE OUTPUTS	01	1-0102-ACBD-P309-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - CABINET LAYOUT PRIMARY CLARIFIERS LCP-P311-1, TRAVELLING BRIDGE PLC CABINET - PLC-P311	00	1-0102-ACBD-P322-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - POWER DISTRIBUTION SCHEMATIC PRIMARY CLARIFIERS LCP-P311-2, TRAVELLING BRIDGE PLC CABINET - RIO-P311	00
1-0102-ACBD-P004-002	SOUTH END WATER POLLUTION CONTROL CENTRE SEWPPC UPGRADING/EXPANSION PROJECT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS CP-P820-1 AND CP-P820-2, RIO-P800-1 - DISCRETE OUTPUTS	01	1-0102-ACBD-P310-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - POWER DISTRIBUTION SCHEMATIC PRIMARY CLARIFIERS LCP-P311-1, TRAVELLING BRIDGE PLC CABINET - PLC-P311	00	1-0102-ACBD-P322-002	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - POWER DISTRIBUTION SCHEMATIC PRIMARY CLARIFIERS LCP-P311-2, TRAVELLING BRIDGE PLC CABINET - RIO-P311	00
1-0102-ACBD-P010-002	SOUTH END WATER POLLUTION CONTROL CENTRE SEWPPC UPGRADING/EXPANSION PROJECT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS CP-P820-3 AND CP-P820-4, RIO-P800-2 - DISCRETE INPUTS	01	1-0102-ACBD-P310-002	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - POWER DISTRIBUTION SCHEMATIC PRIMARY CLARIFIERS LCP-P311-1, TRAVELLING BRIDGE PLC CABINET - PLC-P311	00	1-0102-ACBD-P323-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS LCP-P311-2, RIO-P311 - DISCRETE INPUTS	00
1-0102-ACBD-P010-005	SOUTH END WATER POLLUTION CONTROL CENTRE SEWPPC UPGRADING/EXPANSION PROJECT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS CP-P820-3 AND CP-P820-4, RIO-P800-2 - DISCRETE INPUTS	01	1-0102-ACBD-P311-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS LCP-P311-1, PLC-P311 - DISCRETE INPUTS	00	1-0102-ACBD-P324-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS LCP-P311-2, RIO-P311 - DISCRETE OUTPUTS	00
1-0102-ACBD-P010-006	SOUTH END WATER POLLUTION CONTROL CENTRE SEWPPC UPGRADING/EXPANSION PROJECT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS CP-P820-3 AND CP-P820-4, RIO-P800-2 - DISCRETE INPUTS	01	1-0102-ACBD-P312-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS LCP-P311-1, PLC-P311 - DISCRETE OUTPUTS	00	1-0102-AILD-P304-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - LOOP DIAGRAM RIO-P301 INPUTS / RIO-P800-2 OUTPUTS PRIMARY CLARIFIER 1 TRAVELLING BRIDGE INTERCONNECTION	00
1-0102-ACBD-P011-001	SOUTH END WATER POLLUTION CONTROL CENTRE SEWPPC UPGRADING/EXPANSION PROJECT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS CP-P820-3 AND CP-P820-4, RIO-P800-2 - DISCRETE OUTPUTS	01	1-0102-ACBD-P313-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - CABINET LAYOUT PRIMARY CLARIFIERS LCP-P301-2, TRAVELLING BRIDGE PLC CABINET - RIO-P301	00	1-0102-AILD-P304-002	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - LOOP DIAGRAM RIO-P301 INPUTS / RIO-P800-2 OUTPUTS PRIMARY CLARIFIER 1 TRAVELLING BRIDGE INTERCONNECTION	00
1-0102-ACBD-P011-002	SOUTH END WATER POLLUTION CONTROL CENTRE SEWPPC UPGRADING/EXPANSION PROJECT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS CP-P820-3 AND CP-P820-4, RIO-P800-2 - DISCRETE OUTPUTS	01	1-0102-ACBD-P314-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - POWER DISTRIBUTION SCHEMATIC PRIMARY CLARIFIERS LCP-P301-2, TRAVELLING BRIDGE PLC CABINET - RIO-P301	00	1-0102-AILD-P305-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - LOOP DIAGRAM RIO-P301 OUTPUTS / RIO-P800-2 INPUTS PRIMARY CLARIFIER 1 TRAVELLING BRIDGE INTERCONNECTION	00
1-0102-ACBD-P301-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - CABINET LAYOUT PRIMARY CLARIFIERS LCP-P301-1, TRAVELLING BRIDGE PLC CABINET - PLC-P301	00	1-0102-ACBD-P314-002	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - POWER DISTRIBUTION SCHEMATIC PRIMARY CLARIFIERS LCP-P301-2, TRAVELLING BRIDGE PLC CABINET - RIO-P301	00	1-0102-AILD-P305-002	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - LOOP DIAGRAM RIO-P301 OUTPUTS / RIO-P800-2 INPUTS PRIMARY CLARIFIER 1 TRAVELLING BRIDGE INTERCONNECTION	00
1-0102-ACBD-P302-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - POWER DISTRIBUTION SCHEMATIC PRIMARY CLARIFIERS LCP-P301-1, TRAVELLING BRIDGE PLC CABINET - PLC-P301	00	1-0102-ACBD-P315-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS LCP-P301-2, RIO-P301 - DISCRETE INPUTS	00	1-0102-AILD-P306-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - LOOP DIAGRAM RIO-P302 INPUTS / RIO-P800-2 OUTPUTS PRIMARY CLARIFIER 2 TRAVELLING BRIDGE INTERCONNECTION	00
1-0102-ACBD-P302-002	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - POWER DISTRIBUTION SCHEMATIC PRIMARY CLARIFIERS LCP-P301-1, TRAVELLING BRIDGE PLC CABINET - PLC-P301	00	1-0102-ACBD-P316-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS LCP-P301-2, RIO-P301 - DISCRETE OUTPUTS	00	1-0102-AILD-P306-002	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - LOOP DIAGRAM RIO-P302 INPUTS / RIO-P800-2 OUTPUTS PRIMARY CLARIFIER 2 TRAVELLING BRIDGE INTERCONNECTION	00
1-0102-ACBD-P303-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS LCP-P301-1, PLC-P301 - DISCRETE INPUTS	00	1-0102-ACBD-P317-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - CABINET LAYOUT PRIMARY CLARIFIERS LCP-P302-2, TRAVELLING BRIDGE PLC CABINET - RIO-P302	00	1-0102-AILD-P307-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - LOOP DIAGRAM RIO-P302 OUTPUTS / RIO-P800-2 INPUTS PRIMARY CLARIFIER 2 TRAVELLING BRIDGE INTERCONNECTION	00
1-0102-ACBD-P304-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS LCP-P301-1, PLC-P301 - DISCRETE OUTPUTS	00	1-0102-ACBD-P318-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - POWER DISTRIBUTION SCHEMATIC PRIMARY CLARIFIERS LCP-P302-2, TRAVELLING BRIDGE PLC CABINET - RIO-P302	00	1-0102-AILD-P307-002	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - LOOP DIAGRAM RIO-P302 OUTPUTS / RIO-P800-2 INPUTS PRIMARY CLARIFIER 2 TRAVELLING BRIDGE INTERCONNECTION	00
1-0102-ACBD-P305-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - CABINET LAYOUT PRIMARY CLARIFIERS LCP-P302-1, TRAVELLING BRIDGE PLC CABINET - PLC-P302	00	1-0102-ACBD-P318-002	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - POWER DISTRIBUTION SCHEMATIC PRIMARY CLARIFIERS LCP-P302-2, TRAVELLING BRIDGE PLC CABINET - RIO-P302	00	1-0102-AILD-P308-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - LOOP DIAGRAM RIO-P311 INPUTS / RIO-P800-1 OUTPUTS PRIMARY CLARIFIER 3 TRAVELLING BRIDGE INTERCONNECTION	00
1-0102-ACBD-P306-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - POWER DISTRIBUTION SCHEMATIC PRIMARY CLARIFIERS LCP-P302-1, TRAVELLING BRIDGE PLC CABINET - PLC-P302	00	1-0102-ACBD-P319-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS LCP-P302-2, RIO-P302 - DISCRETE INPUTS	00	1-0102-AILD-P308-002	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - LOOP DIAGRAM RIO-P311 INPUTS / RIO-P800-1 OUTPUTS PRIMARY CLARIFIER 3 TRAVELLING BRIDGE INTERCONNECTION	00
1-0102-ACBD-P306-002	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - POWER DISTRIBUTION SCHEMATIC PRIMARY CLARIFIERS LCP-P302-1, TRAVELLING BRIDGE PLC CABINET - PLC-P302	00	1-0102-ACBD-P320-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS LCP-P302-2, RIO-P302 - DISCRETE OUTPUTS	00	1-0102-AILD-P309-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - LOOP DIAGRAM RIO-P311 OUTPUTS / RIO-P800-1 INPUTS PRIMARY CLARIFIER 3 TRAVELLING BRIDGE INTERCONNECTION	00
1-0102-ACBD-P307-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - WIRING DIAGRAM PRIMARY CLARIFIERS LCP-P302-1, PLC-P302 - DISCRETE INPUTS	00	1-0102-ACBD-P321-001	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - CABINET LAYOUT PRIMARY CLARIFIERS LCP-P311-2, TRAVELLING BRIDGE PLC CABINET - RIO-P311	00	1-0102-AILD-P309-002	SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - LOOP DIAGRAM RIO-P311 OUTPUTS / RIO-P800-1 INPUTS PRIMARY CLARIFIER 3 TRAVELLING BRIDGE INTERCONNECTION	00

REFERENCE DRAWINGS	DESCRIPTION



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION - 682-2018	2018/08/27	DDW	JAB

KGS GROUP CONSULTING ENGINEERS	
DESIGNED BY: D. WILSON	CHECKED BY: J. BOUCHARD
DRAWN BY: G. NELSON	APPROVED BY: D. WILSON
SCALE: AS SHOWN	ISSUED FOR CONSTRUCTION BY: B. STATION
DATE: 2018/07/20	DATE: 2018/08/27
CONSULTANT NO.: -	

ENGINEER'S SEAL	
SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION PRIMARY CLARIFIERS DRAWING LIST - SHEET 001	
CITY DRAWING NUMBER 1-0102-682-2018	SHEET REV. SIZE 001 00 A1