A1 SIZE - 594mm x 841mm

FACP-P1 — PRIMARY CLARIFIER ELECTRICAL ROOM B (P113A)

ADDRESSABLE SIGNALING LINE CIRCUITS

ID	AREA	REFERENCE	TYPE
SLC-P1-01	TO/FROM ADMINISTRATION BUILDING	1-0102M-E0005	DCLC
SLC-P1-02	TO/FROM GRIT AREA	1-0102G-E0005	DCLC
SLC-P1-03	TO/FROM GENERATOR BUILDING	1-0102G-E0005	DCLB
SLC-P1-04	TO/FROM SERVICE BUILDING	1-0102G-E0003	DCLC
SLC-P1-05	TO/FROM PRIMARY CLARIFIERS	1-0102P-E0006	DCLC
SLC-P1-06	TO/FROM HRC BUILDING	1-0102-EFAS-K003	DCLC
SLC-P1-07	TO/FROM GRIT AND SCREENINGS BUILDING	1-0102-EFAS-G004	DCLC
SLC-P1-08	TO/FROM BIOREACTORS/BLOWER BUILDING	1-0102-EFAS-R003	DCLC

CONVENTIONAL INITIATING DEVICE CIRCUITS 00

ID	AREA	REFERENCE	TYPE
IDC-P1-01	FROM PRIMARY CLARIFIERS	1-0102P-E0006	B
IDC-P1-02	FROM PRIMARY CLARIFIERS 1 & 2 FAN ROOM (P123)	1-0102P-E0006	B
IDC-P1-03	FROM PRIMARY CLARIFIER 3 PENTHOUSE	1-0102P-E0006	B
IDC-P1-04	GRIT TANKS 1 AND 2 PUMP ROOM	1-0102-EFAS-G001	B
IDC-P1-05	SPARE	00	B
IDC-P1-06	SPARE		B
IDC-P1-07	SPARE		B
IDC-P1-P8	SPARE		B

CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS

ID	AREA	REFERENCE	CLASS
NAC-P1-01	TO SERVICE BUILDING	1-0102B-E0004	B
NAC-P1-02	TO PRIMARY CLARIFIERS	1-0102P-E0007	B
NAC-P1-03	TO PRIMARY CLARIFIERS	1-0102P-E0007	B
NAC-P1-04	TO PRIMARY CLARIFIERS LOWER FLOOR	1-0102P-E0007	B
NAC-P1-05	TO GRIT AREA	1-0102G-E0006	B
NAC-P1-06	GRIT TANKS 1 AND 2 PUMP ROOM	1-0102-EFAS-G001	B
NAC-P1-07	SPARE	00	B
NAC-P1-08	SPARE		B

PSP-C711 — ELECTRICAL BUILDING ELECTRICAL ROOM (00)

CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS

ID	AREA	REFERENCE	TYPE
NAC-C1-01	TO ELECTRICAL BUILDING GROUND FLOOR	1-0102-EFAS-C004	B
NAC-C1-02	TO ELECTRICAL BUILDING ELECTRICAL ROOM	1-0102-EFAS-C004	B
NAC-C1-03	TO ELECTRICAL BUILDING BASEMENT	1-0102-EFAS-C004	B
NAC-C1-04	SPARE		B

PSP-C721 — ELECTRICAL BUILDING ELECTRICAL ROOM (00)

CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS

ID	AREA	REFERENCE	TYPE
NAC-C2-01	TO CHEMICAL BUILDING LOADING PLATFORM	1-0102-EFAS-C009	B
NAC-C2-02	TO CHEMICAL BUILDING GROUND FLOOR	1-0102-EFAS-C009	B
NAC-C2-03	TO CHEMICAL BUILDING BASEMENT	1-0102-EFAS-C009	B
NAC-C2-04	TO CHEMICAL BUILDING UPPER LEVEL	1-0102-EFAS-C009	B

FACP-S1 — SECONDARY CLARIFIER ELECTRICAL ROOM

ADDRESSABLE SIGNALING LINE CIRCUITS

ID	AREA	REFERENCE	TYPE
SLC-S1-0	FERMENTERS/SLUDGE THICKENING & BIOFILTERS	1-0102-EFAS-D002	DCLC
SLC-S1-02	TO/FROM SECONDARY CLARIFIERS 00	1-0102S-E0009	DCLC
SLC-S1-03	TO/FROM SECONDARY CLARIFIERS	1-0102S-E0009	DCLC
SLC-S1-04	TO/FROM UV BUILDING	1-0102U-E0002	DCLB
SLC-S1-05	TO/FROM ELECTRICAL BUILDING	1-0102-EFAS-C003	DCLC
SLC-S1-06	TO/FROM CHEMICAL BUILDING	1-0102-EFAS-C008	DCLC
SLC-S1-07	TO/FROM SECONDARY CLARIFIERS 4 & 5	1-0102-EFAS-S003	DCLC
SLC-S1-08	SPARE		

CONVENTIONAL INITIATING DEVICE CIRCUITS

ID	AREA	REFERENCE	TYPE
IDC-S1-01	TRUCK BAY AND SCRUBBER ROOM	1-0102S-E0009	B
IDC-S1-02	MECHANICAL ROOM S126	1-0102S-E0003	B
IDC-S1-03	SECONDARY CLARIFIER 2	1-0102S-E0004	B
IDC-S1-04	SPARE		B
IDC-S1-05	SPARE		B
IDC-S1-06	SPARE		B
IDC-S1-07	SPARE		B
IDC-S1-P8	SPARE		B
IDC-S1-P9	SPARE		B
IDC-S1-P10	SPARE		B
IDC-S1-P11	SPARE		B
IDC-S1-P12	SPARE		B

CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS

ID	AREA	REFERENCE	CLASS
NAC-S1-0	FERMENTERS/SLUDGE THICKENING	1-0102-EFAS-D002	B
NAC-S1-02	FERMENTERS/SLUDGE THICKENING & BIOFILTER AREA	1-0102-EFAS-D002	B
NAC-S1-03	TO SECONDARY CLARIFIERS 00	1-0102S-E0010	B
NAC-S1-04	TO SECONDARY CLARIFIER 2	1-0102S-E0010	B
NAC-S1-05	TO SECONDARY CLARIFIER 3	1-0102S-E0010	B
NAC-S1-06	TO SECONDARY CLARIFIERS LOWER LEVEL	1-0102S-E0010	B
NAC-S1-07	TO SECONDARY CLARIFIER LOWER LEVEL	1-0102S-E0010	B
NAC-S1-08	TO SECONDARY CLARIFIER 1	1-0102S-E0010	B
NAC-S1-09	SPARE		B
NAC-S1-10	SPARE		B
NAC-S1-11	SPARE		B
NAC-S1-12	SPARE		B

PSP-R711 — BIOREACTOR BUILDING ELECTRICAL ROOM (00)

CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS

ID	AREA	REFERENCE	TYPE
NAC-R1-01	BIOREACTOR BUILDING GROUND LEVEL	1-0102-EFAS-R004	B
NAC-R1-02	BIOREACTOR BUILDING GROUND LEVEL	1-0102-EFAS-R004	B
NAC-R1-03	BIOREACTOR BUILDING PIPE GALLERY 1	1-0102-EFAS-R004	B
NAC-R1-04	BIOREACTOR BUILDING PIPE GALLERY 2	1-0102-EFAS-R004	B

BPS-M1 — ADMINISTRATION BUILDING ELECTRICAL ROOM

CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS

ID	AREA	REFERENCE	TYPE
NAC-M1-01	TO ADMINISTRATION BUILDING	1-0102M-E0005	B
NAC-M1-02	24VDC POWER FOR FAAP-1		B
NAC-M1-03	SPARE		B
NAC-M1-04	SPARE		B

BPS-G1 — GRIT BUILDING ELECTRICAL ROOM

CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS

ID	AREA	REFERENCE	TYPE
NAC-G1-01	TO GRIT AREA UPPER FLOOR	1-0102G-E0006	B
NAC-G1-02	TO GRIT AREA LOWER FLOOR	1-0102G-E0006	B
NAC-G1-03	TO GENERATOR BUILDING	1-0102G-E0006	B
NAC-G1-04	SPARE		B

PSP-G751 — GRIT/SCREENING ELECTRICAL ROOM (00)

CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS

ID	AREA	REFERENCE	TYPE
NAC-G2-01	TO GRIT & SCREENINGS GROUND FLOOR	1-0102-EFAS-G005	B
NAC-G2-02	TO GRIT & SCREENINGS UPPER LEVEL	1-0102-EFAS-G005	B
NAC-G2-03	SPARE		B
NAC-G2-04	SPARE		B

BPS-U1 — UV BUILDING ELECTRICAL ROOM

CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS

ID	AREA	REFERENCE	TYPE
NAC-U1-01	TO UV BUILDING	1-0102U-E0002	B
NAC-U1-02	SPARE		B
NAC-U1-03	SPARE		B
NAC-U1-04	SPARE		B

PSP-K721 — HRC BUILDING ELECTRICAL ROOM (00)

CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS

ID	AREA	REFERENCE	TYPE
NAC-K1-01	TO HRC CLARIFIER ROOM	1-0102-EFAS-K004	B
NAC-K1-02	TO HRC MAIN ROOM	1-0102-EFAS-K004	B
NAC-K1-03	TO HRC LOWER ROOM	1-0102-EFAS-K004	B
NAC-K1-04	TO HRC LOWER ROOM	1-0102-EFAS-K004	B

PSP-S731 — SECONDARY CLARIFIERS 4 & 5 ELECTRICAL ROOM (00)

CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS

ID	AREA	REFERENCE	TYPE
NAC-S1-01	TO SECONDARY CLARIFIERS 4 & 5 GROUND FLOOR	1-0102-EFAS-S004	B
NAC-S1-02	TO SECONDARY CLARIFIERS 4 & 5 BASEMENT, LABORATORY	1-0102-EFAS-S004	B
NAC-S1-03	TO SECONDARY CLARIFIERS 4 & 5 BASEMENT	1-0102-EFAS-S004	B
NAC-S1-04	SPARE		B

PSP-C711-1 (ELECTRICAL BUILDING) — ELECTRICAL BUILDING ELECTRICAL ROOM (00)

CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS

ID	AREA	REFERENCE	TYPE
NAC-S1-01	ELECTRICAL BUILDING MAIN FLOOR	1-0102-EFAS-C004	B
NAC-S1-02	ELECTRICAL BUILDING ELECTRICAL ROOM	1-0102-EFAS-C004	B
NAC-S1-03	ELECTRICAL BUILDING BASEMENT	1-0102-EFAS-C004	B
NAC-S1-04	SPARE		B

PSP-C711-2 (CHEMICAL BUILDING) — ELECTRICAL BUILDING ELECTRICAL ROOM (00)

CONVENTIONAL NOTIFICATION APPLIANCE CIRCUITS

ID	AREA	REFERENCE	TYPE
NAC-S1-01	CHEMICAL BUILDING LOADING PLATFORM	1-0102-EFAS-C009	B
NAC-S1-02	CHEMICAL BUILDING GROUND FLOOR	1-0102-EFAS-C009	B
NAC-S1-03	CHEMICAL BUILDING BASEMENT	1-0102-EFAS-C009	B
NAC-S1-04	CHEMICAL BUILDING UPPER LEVEL	1-0102-EFAS-C009	B

LEGEND:

DCLA	DATA COMMUNICATION LINK STYLE A
DCLB	DATA COMMUNICATION LINK STYLE B
DCLC	DATA COMMUNICATION LINK STYLE C
B	CONVENTIONAL STYLE B

NOTES:

1. THIS DRAWING CONTAINS INFORMATION TAKEN FROM AN EXISTING DRAWING 1-0102A-E0003. ENGINEER'S SEAL ONLY APPLIES TO CLOUDED CONTENT.

REFERENCE DRAWINGS	DESCRIPTION
1-0102-EFAS-A001	FIRE ALARM LEGEND AND DETAILS

APEGM Certificate of Authorization
SNC-Lavalin Inc.
No. 4489

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION - 976-2016	2017/04/05	EFB	DEB

CH2MHILL. SNC·LAVALIN KGS GROUP

DESIGNED BY: E. BOHNCKE	CHECKED BY: E. RYCZKOWSKI
DRAWN BY: M. WANG	APPROVED BY: D. BECKER
SCALE: NTS	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2015/03/17	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL: PROVINCE OF MANITOBA — D. E. BECKER — Member 23646 — REGISTERED PROFESSIONAL ENGINEER — April 5 2017

Winnipeg — THE CITY OF WINNIPEG — WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
ELECTRICAL
FIRE ALARM
DETECTION AND NOTIFICATION CIRCUIT

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-EFAS-A003	001	00	A1

LAST SAVE: 2017/03/30 - 1:01pm
PATH: C:\pw_workdir\ch2mhill_wbg\ve006717\d0359952\1-0102-EFAS-A003.dwg

PLOT DATE: Mar 30, 2017 - 1:01pm

FILE NAME: 1-0102-EFAS-A003.dwg