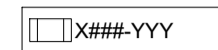
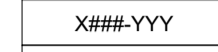
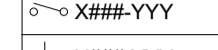
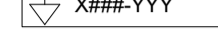



-  X###-YYY FUSED TERMINAL BLOCK
-  X###-YYY TERMINAL BLOCK
-  X###-YYY DISCONNECT TERMINAL BLOCK
-  X###-YYY INSTRUMENT GROUND TERMINAL BLOCK

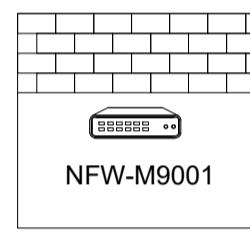
 TWISTED PAIR CABLE

 CABLE SHIELD TERMINATION


 INSTRUMENT GROUND


 WORKSTATION

 ETHERNET SWITCH

 FIREWALL
NFW-M9001

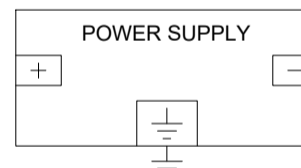
 FUSE

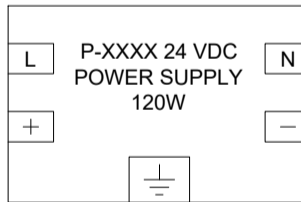
 DOOR SWITCH

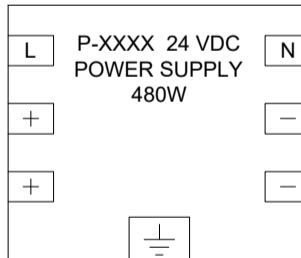
 PANEL LIGHT

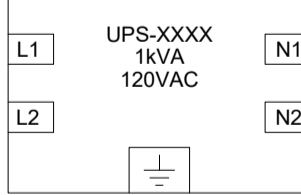
 PANEL RECEPTACLE

 TERMINAL BLOCK

 POWER SUPPLY
MODICON DC POWER SUPPLY

 P-XXXX 24 VDC
POWER SUPPLY
120W
120VAC TO 24VDC POWER SUPPLY

 P-XXXX 24 VDC
POWER SUPPLY
480W
120VAC TO 24VDC POWER SUPPLY

 UPS-XXXX
1kVA
120VAC
UNINTERRUPTIBLE POWER SUPPLY

PROCESS AREA IDENTIFIERS	
IDENTIFIER	DEFINITION
B	BOILERS
C	CENTRATE NITROGEN REMOVAL
D	DIGESTERS
G	PRE-AERATION AND GRIT REMOVAL
M	MAIN BUILDING
P	PRIMARY CLARIFIERS
R	OXYGEN REACTORS
S	SECONDARY CALRIFIERS
T	WAS SLUDGE THICKING
U	UV DISINFECTION
W	SLUDGE DEWATERING
E	SUBSTATION
Y	HAULED WASTEWATER
X	LEACHATE

COMMON ABBREVIATIONS:

- A - AMPERES (AMPS)
- ACP - ACCESS CARD PANEL
- CP - CONTROL PANEL
- CS - COMPUTER SERVER
- CWO - COMPUTER WORKSTATION
- DCS - DISTRIBUTED CONTROL SYSTEM
- FDP - FIELD DEVICE PANEL
- NP - NETWORK PANEL
- NPP - NETWORK PATCH PANEL
- PA - PUBLIC ADDRESS
- PCS - PLANT CONTROL SYSTEM
- PNL - PANEL
- PTC - PRIMARY TERMINATION CABINET
- TB - TERMINAL BLOCK
- TC - TERMINATION CABINET
- W - WATTS
- VAC - VOLTS, ALTERNATING CURRENT
- VDC - VOLTS, DIRECT CURRENT

NO.	DRAWING TITLE	DRAWING NUMBER	NO.	REVISIONS	DATE	DESIGN	CHECK
1	ISSUED FOR GC TENDER		2024-01-08	KG	SDS		
0	ISSUED FOR TENDER		2023-03-17	KG	SDS		
REFERENCE DRAWING							

AECOM	
DESIGNED BY: KG	CHECKED BY: SDS
DRAWN BY: TW	APPROVED BY: SB
SCALE: NTS	RELEASED FOR CONSTRUCTION BY: DATE:
DATE: 2024-01-08	
CONSULTANT NO.:	



**ENGINEERS
GEOLOGISTS
MANITOBA**

Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 2023/12/08

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTH END SEWAGE TREATMENT PLANT
DCS MIGRATION

LEGEND

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0101-AAAA-A001	001	0	A1