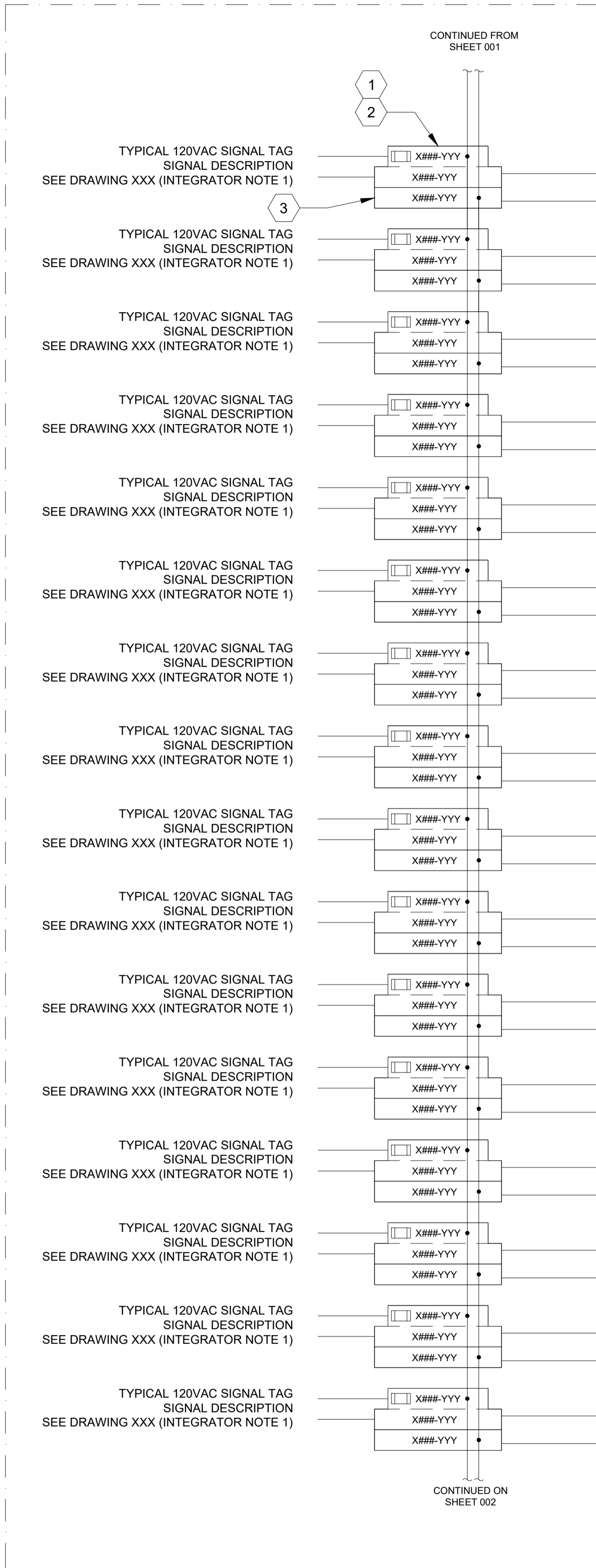


FUSE LIST		
TAG	DESC	RATING
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A
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X###-YYY	FAST ACTING	0.1A
X###-YYY	FAST ACTING	0.1A

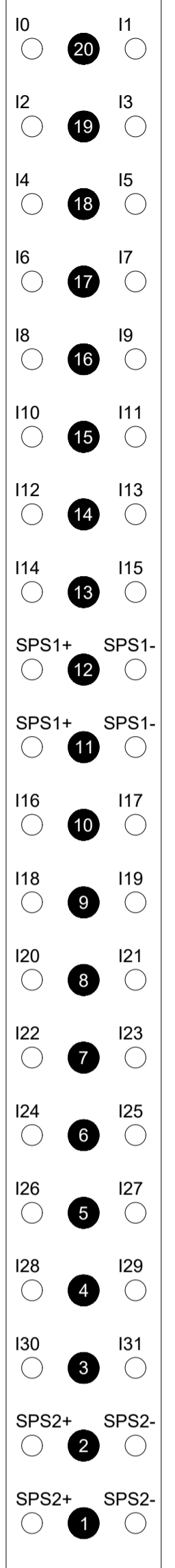
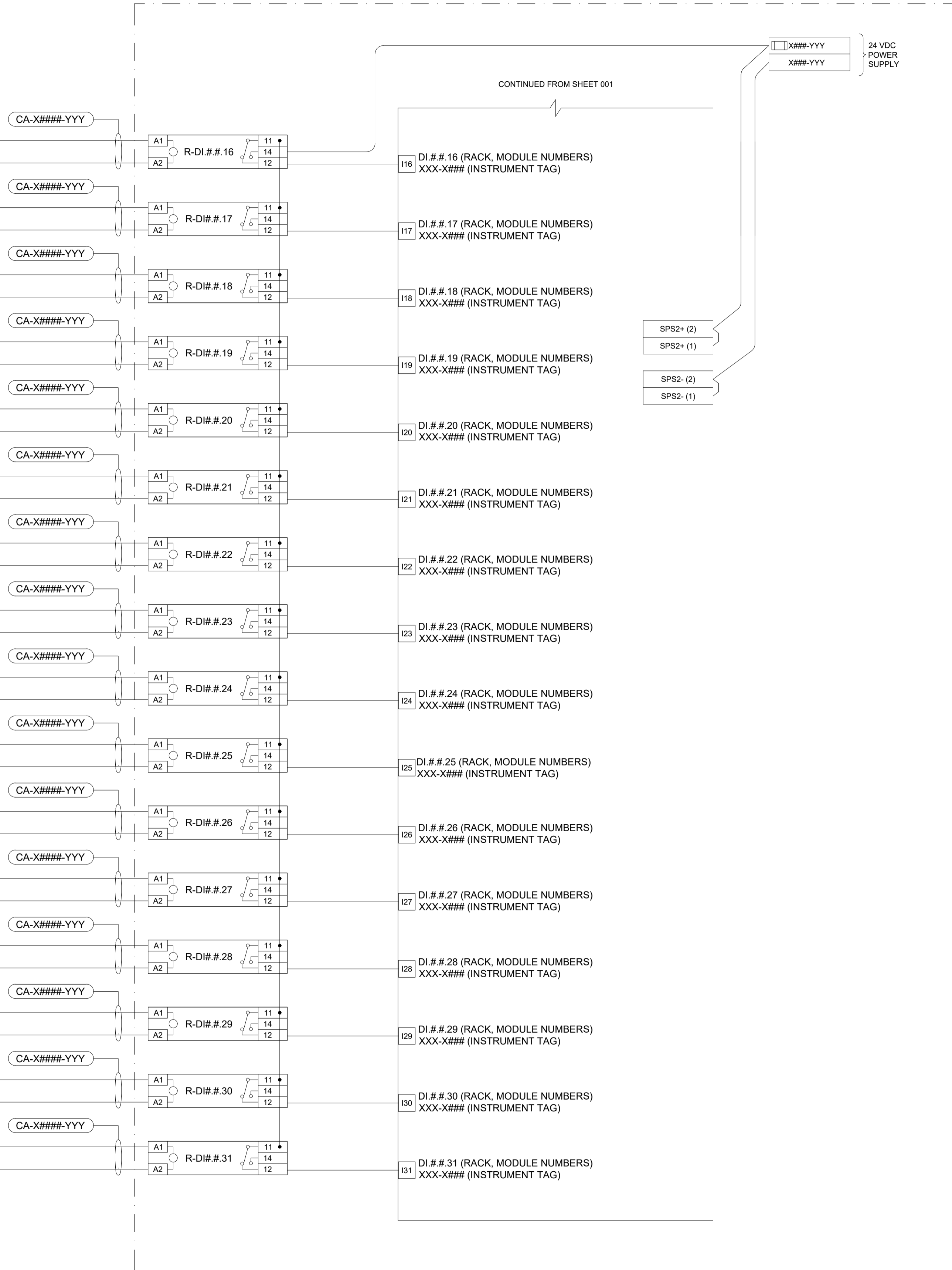
TERMINATION PANEL BILL OF MATERIALS				
ITEM	QTY.	DESCRIPTION	MANUFACTURER	CATALOGUE NUMBER
1	16	DOUBLE LEVEL FUSED TERMINAL -UTT8	PHOENIX CONTACT	3044720
2	17	FUSE PLUG-P-FU 5X20	PHOENIX CONTACT	3036806
3	1	UT 4-MTD - FEED-THROUGH TERMINAL BLOCK	PHOENIX CONTACT	3046184

- NOTES:**
- THE DESIGN IS BASED ON 120VAC INTERFACE RELAYS TO FIELD DIGITAL INPUT SIGNALS. FOR ANY 24VDC DIGITAL INPUT SIGNALS, REFER TO DRAWING 1-0101-AWDG-A004.
- INTEGRATOR NOTES:**
- SEE SPECIFICATION 40 90 00 FOR SCOPE.
 - INTEGRATOR TO PRODUCE DETAILED DRAWINGS FOR EACH INSTALLED IO MODULE WITH EQUIPMENT NUMBERS, TERMINAL NUMBERS, AND DRAWING REFERENCES TO DETAILED LOOP DRAWINGS. DRAFT COPIES TO BE PRODUCED AT SHOP DRAWING STAGE FOR WIRING REFERENCES TO CONTRACTOR.
- CONTRACTOR NOTES:**
- SEE SPECIFICATION 26 05 10 FOR SCOPE.
 - CONTRACTOR TO REMOVE EXISTING DISCRETE INPUT WIRING AND TERMINAL BLOCKS IN TERMINATION PANEL. REPLACE TERMINAL BLOCKS WITH DOUBLE-LEVEL FEED THROUGH AND FUSE TERMINALS. INSTALL FEED THROUGH TERMINALS FOR 120VAC ESSENTIAL POWER.
 - PROVIDE ADDITIONAL MATERIALS AS NEEDED TO COMPLETE THE INSTALLATION OF THE TERMINALS IN TERMINATION PANEL. ADDITIONAL MATERIALS MAY INCLUDE DIN RAIL, WIRE WAY, CABLE TAGS, ETC.

TERMINATION PANEL



PLC PANEL



PINOUT DIAGRAM

ENGINEERS GEOSCIENTISTS 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

TYPICAL IO MODULE WIRING DIAGRAM
 DISCRETE INPUT - 120VAC

CITY DRAWING NUMBER: 1-0101-AWDG-A006
 SHEET: 002
 REV: A0
 SIZE: A1



REF. NO.	DRAWING TITLE	DRAWING NUMBER	NO.	REVISIONS	DATE	DESIGN	CHECK
1	ISSUED FOR GC TENDER				2024-01-08	KG	SDS
0	ISSUED FOR ADDENDUM #2				2023-04-17	KG	SDS

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