



FUSE LIST		
TAG	DESC	RATING
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A
X###-YYY	FAST ACTING	0.5A

**NOTES:**  
 1. THIS DESIGN IS BASED ON 24VDC DO SIGNALS.

**INTEGRATOR NOTES:**  
 1. 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:**  
 1. SEE SPECIFICATION 26 05 10 FOR SCOPE.  
 2. CONTRACTOR TO REPLACE RELAYS WITH FEED THROUGH TERMINAL BLOCKS FOR 24VDC SIGNALS, AS SHOWN ON THE DRAWING

NO.	DRAWING TITLE	DRAWING NUMBER	DATE	DESIGN	CHECK
2	ISSUED FOR GC TENDER		2024-01-08	KG	SDS
1	ISSUED FOR ADDENDUM #2		2023-04-17	KG	SDS
0	ISSUED FOR TENDER		2022-03-17	KG	SDS
REFERENCE DRAWING					

**AECOM**

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:

ENGINEERS' SEAL

PROVINCE OF MANITOBA  
S.D.  
SYMONS  
Member  
43183  
REGISTERED PROFESSIONAL ENGINEER

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT

NORTH END SEWAGE TREATMENT PLANT  
 DCS MIGRATION

TYPICAL IO MODULE WIRING DIAGRAM  
 DISCRETE OUTPUT - 24VDC

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0101-AWDG-A005	001	A0	A1

**ENGINEERS  
 GEOSCIENTISTS  
 MANITOBA**

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