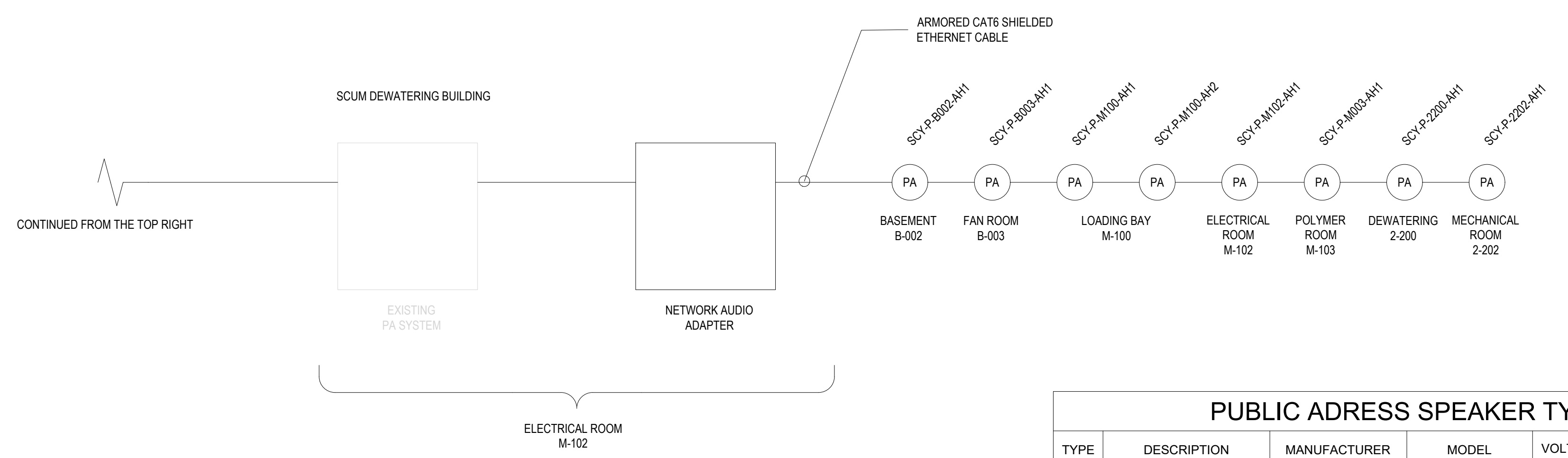
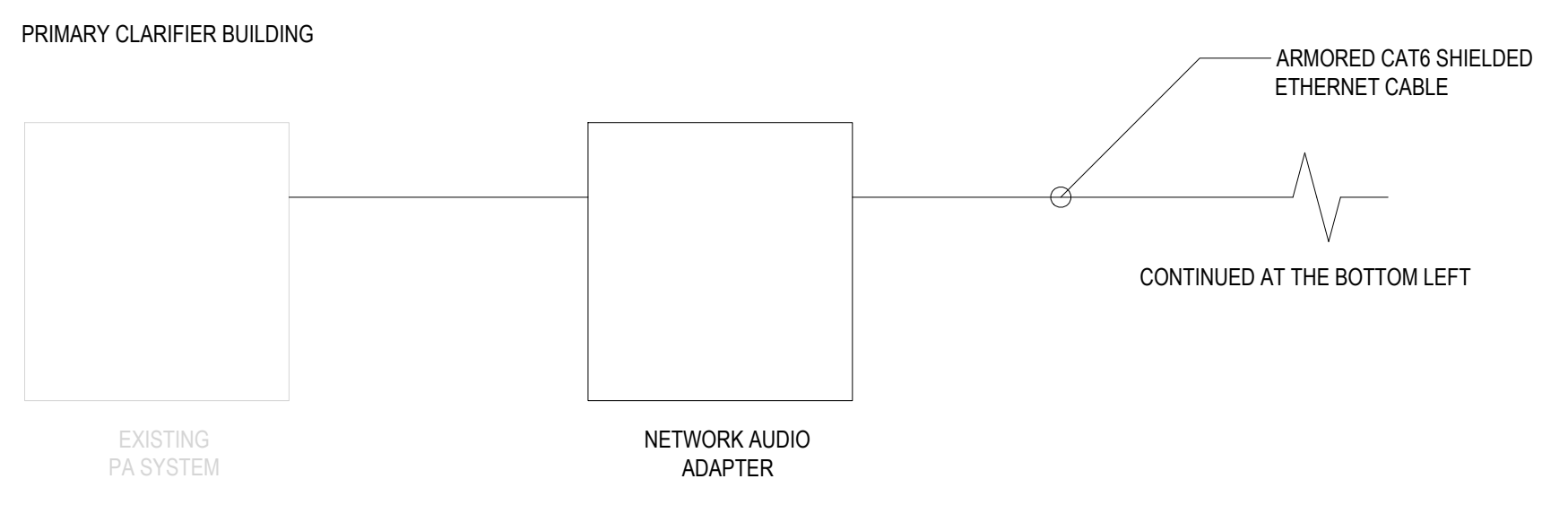


1 ACCESS CONTROL RISER

- NOTES:
- ALL ACCESS CONTROL SYSTEM EQUIPMENT INSTALLED IN PROCESS AREAS TO BE RATED NEMA 4X
 - FABRICATE CUSTOM ACCESS CABINET TO HOUSE ACCESS CONTROLLER, BATTERY, FUSES, PROTECTION DIODES AND WIRING. CONTROLLER HID AERO X1100 WITH HID AERO X100 EXPANSION IO CARD. FOLLOW MANUFACTURER RECOMMENDED INSTALLATION.



2 PUBLIC ADDRESS RISER

- NOTES:
- ALL ACCESS CONTROL SYSTEM EQUIPMENT INSTALLED IN PROCESS AREAS TO BE RATED NEMA 4X
 - TIE INTO THE PLANTS EXISTING P.A. SYSTEM

PUBLIC ADDRESS SPEAKER TYPE						
TYPE	DESCRIPTION	MANUFACTURER	MODEL	VOLTS (VAC)	LOAD	NOTES
A	SC SERIES PAGING HORN SPEAKERS, 30W	TOA	SC-630T	70V	30W	3
B	SC SERIES PAGING HORN SPEAKERS, 15W	TOA	SC-615T	70V	15W	3
C	HAZARDOUS LOCATION SPEAKERS	COOPER CROUSE HINDS	DB16UCXN2MPN	70V	30W	1,2
D	PC SERIES CEILING MOUNT SPEAKERS	TOA	PC-580RU	70V	10W	4

- NOTES:
- CLASS 1, ZONE 2 RATED
 - TRANSFORMER OPTION FOR 70V.
 - PROVIDE SWIVEL BRACKET (YS-151S) FOR MOUNTING SPEAKER.
 - PROVIDE BACKBOX, TOA BB-580, FOR CEILING MOUNTED SPEAKER UNLESS STATED OTHERWISE.

**ENGINEERS
GEOSCIENTISTS
MANITOBA**

Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 2023-08-17

NO.	REVISIONS	DATE	DESIGN	CHECK
01	ISSUED FOR ADENDUM 3	2023-10-27	SS	SB
00	ISSUED FOR TENDER	2023-08-17	JEP	SB

AECOM

DESIGNED BY: KG
DRAWN BY: TW
SCALE: NONE

CHECKED BY: LS
APPROVED BY: NW
RELEASED FOR CONSTRUCTION BY: DATE: 2020-12-09

DATE: 2023-10-27
CONSULTANT NO.: P3-ER20

ENGINEER'S SEAL

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTH END SEWAGE TREATMENT PLANT
PRIMARY CLARIFICATION PROJECT
ELECTRICAL
SCUM DEWATERING BUILDING
BUILDING ELECTRICAL DETAILS - RISERS

CITY DRAWING NUMBER: 1-0101-ESCY-P001
SHEET: 001
REV: 01
SIZE: A1