



INTEGRATOR NOTES:

- SEE SPECIFICATION 40 90 00 FOR SCOPE.
- INTEGRATOR SCOPE IS:
 - PANEL FABRICATION, NETWORK INTERCONNECTION AND DEVICE CONFIGURATION FOR ARCHITECTURE.
 - PROVIDE, INSTALL, AND CONFIGURE OPERATOR AND MAINTENANCE WORKSTATIONS.
 - INSTALLATION AND CONNECTION OF PRE-PURCHASED SERVERS INTO RACKS AND TO NETWORK.
 - WIRELESS ACCESS POINT PROVIDED AND INSTALLED BY CITY OF WINNIPEG. REARRANGE EXISTING FIBRE TERMINATIONS IN SWITCH AND PROVIDE FIBRE PATCH CABLES TO CREATE A DUAL TRUNKED NETWORK
 - REFER TO SPEC SECTION 40 95 34 FOR VIRTUAL SERVERS DETAILS.
 - MAINTENANCE WORKSTATIONS TO BE INSTALLED IN AICG OFFICE.
 - TERMINAL SERVER TO HAVE READ/VIEW ONLY ACCESS TO THE HMI.

CONTRACTOR NOTES:

- SEE SPECIFICATION 26 05 10 FOR SCOPE.
- INSTALL PANELS AND POWER FEEDS TO PANELS.
- INSTALL RACK AND POWER FEEDS TO SERVERS.
- PROVIDE CABLE CONNECTION TO WIRELESS ACCESS POINT. WIRELESS ACCESS POINT PROVIDED AND INSTALLED BY CITY OF WINNIPEG

KEYNOTES:

- SEE REFERENCE DRAWINGS 1 AND 2
- SEE REFERENCE DRAWINGS 1 AND 3
- SEE REFERENCE DRAWING 4
- SEE REFERENCE DRAWING 5

LEGEND

- F - F - FIBRE CONNECTION
- - - WIRELESS CONNECTION (IEEE 802.11)
- — — ETHERNET CONNECTION

GREYED OUT ITEMS INDICATE EXISTING EQUIPMENT OR DEVICES

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

NO.	DRAWING TITLE	DRAWING NUMBER	NO.	REVISIONS	DATE	DESIGN	CHECK
5	NETWORK DIAGRAM UV PLC DEVICE NETWORK	1-0101-ANET-U101					
4	NETWORK DIAGRAM MAIN PLC DEVICE NETWORK	1-0101-ANET-M101					
3	FIBRE RISER - NP-M9000	1-0101-ANET-M001-001 1-0101-ANET-M001-002					
2	FIBRE RISER - TYPICAL	1-0101-ANET-A002					
1	NETWORK BLOCK DIAGRAM FIBRE LOOP	1-0101-ANET-A001	1	ISSUED FOR GC TENDER	2024-01-08	KG	SDS
			0	ISSUED FOR TENDER	2023-03-17	KG	SDS

AECOM

DESIGNED BY: KG CHECKED BY: SDS
 DRAWN BY: KG APPROVED BY: SB
 SCALE: NONE RELEASED FOR CONSTRUCTION BY: DATE: 2024-01-08
 CONSULTANT NO: DATE:



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

NORTH END SEWAGE TREATMENT PLANT
 DCS MIGRATION
 GENERAL
 BLOCK DIAGRAM NETWORK ARCHITECTURE
 AREAS U & M

CITY DRAWING NUMBER: 1-0101-ANET-A004 SHEET: 001 REV: 0A SIZE: A1