



- 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
 - CONNECT NETWORKED INSTRUMENTS TO DUAL RING SWITCH
 - LOCATE SWITCH IN EXISTING NETWORK PANEL

- 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 3
 - SEE REFERENCE DRAWINGS 1 AND 2
 - SEE REFERENCE DRAWINGS 1 AND 4
 - SEE REFERENCE DRAWING 5
 - SEE REFERENCE DRAWING 6
 - SEE REFERENCE DRAWING 7
 - SEE REFERENCE DRAWING 8

LEGEND

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

GREYED OUT ITEMS INDICATE EXISTING EQUIPMENT OR DEVICES

ENGINEERS SEAL

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

6	NETWORK DIAGRAM CENTRATE PLC DEVICE NETWORK	1-0101-ANET-C101							
5	NETWORK DIAGRAM REACTORS PLC DEVICE NETWORK	1-0101-ANET-R101							
4	FIBRE RISER - NP-B9000	1-0101-ANET-B001-001 1-0101-ANET-B001-002							
3	FIBRE RISER - NP-S9000	1-0101-ANET-S001-001 1-0101-ANET-S001-002							
2	FIBRE RISER - TYPICAL	1-0101-ANET-A002	8	NETWORK DIAGRAM DIGESTERS PLC DEVICE NETWORK	1-0101-ANET-D101				
1	NETWORK BLOCK DIAGRAM FIBRE LOOP	1-0101-ANET-A001	7	NETWORK DIAGRAM BOILERS PLC DEVICE NETWORK	1-0101-ANET-B101	1	ISSUED FOR GC TENDER	2024-01-08	KG SDS
NO.	DRAWING TITLE	DRAWING NUMBER	NO.	DRAWING TITLE	DRAWING NUMBER	0	ISSUED FOR TENDER	2023-03-17	KG SDS
	REFERENCE DRAWING			REFERENCE DRAWING		NO.	REVISIONS	DATE	DESIGN CHECK

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:

ENGINEER'S SEAL

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

NORTH END SEWAGE TREATMENT PLANT
 DCS MIGRATION
 GENERAL
 BLOCK DIAGRAM NETWORK ARCHITECTURE
 AREAS R, C, B & D

CITY DRAWING NUMBER: 1-0101-ANET-A006 SHEET: 001 REV: 0A SIZE: A1