



**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

**CONTRACTOR NOTES:**

- SEE SPECIFICATION 26 05 10 FOR SCOPE.
- INSTALL PANELS AND POWER FEEDS TO PANELS.
- 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 DRAWING 3

**LEGEND**

- F - F - OM3 FIBRE CONNECTION
- WIRELESS CONNECTION (IEEE 802.11)
- ETHERNET CONNECTION

GREYED OUT ITEMS INDICATE EXISTING EQUIPMENT OR DEVICES

**ENGINEERS SEAL**

01/25/2024  
 S.D. SYMONS  
 Member 43183  
 REGISTERED PROFESSIONAL ENGINEER

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

NORTH END SEWAGE TREATMENT PLANT  
 DCS MIGRATION  
 GENERAL  
 BLOCK DIAGRAM NETWORK ARCHITECTURE  
 AREAS W, Y & X

DESIGNED BY:	KG	CHECKED BY:	SDS
DRAWN BY:	KG	APPROVED BY:	SB
SCALE:	NONE	RELEASED FOR CONSTRUCTION BY:	
DATE:	2024-01-25	DATE:	
CONSULTANT NO.:			

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0101-ANET-A007	001	2	A1

NO.	DRAWING TITLE	DRAWING NUMBER	NO.	REVISIONS	DATE	DESIGN	CHECK
3	NETWORK DIAGRAM DEWATERING PLC DEVICE NETWORK	1-0101-ANET-W101					
2	FIBRE RISER - NP-W900	1-0101-ANET-W001 1-0101-ANET-W001-002	2	ISSUED FOR ADDENDUM 1	2024-01-25	KG	SDS
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			