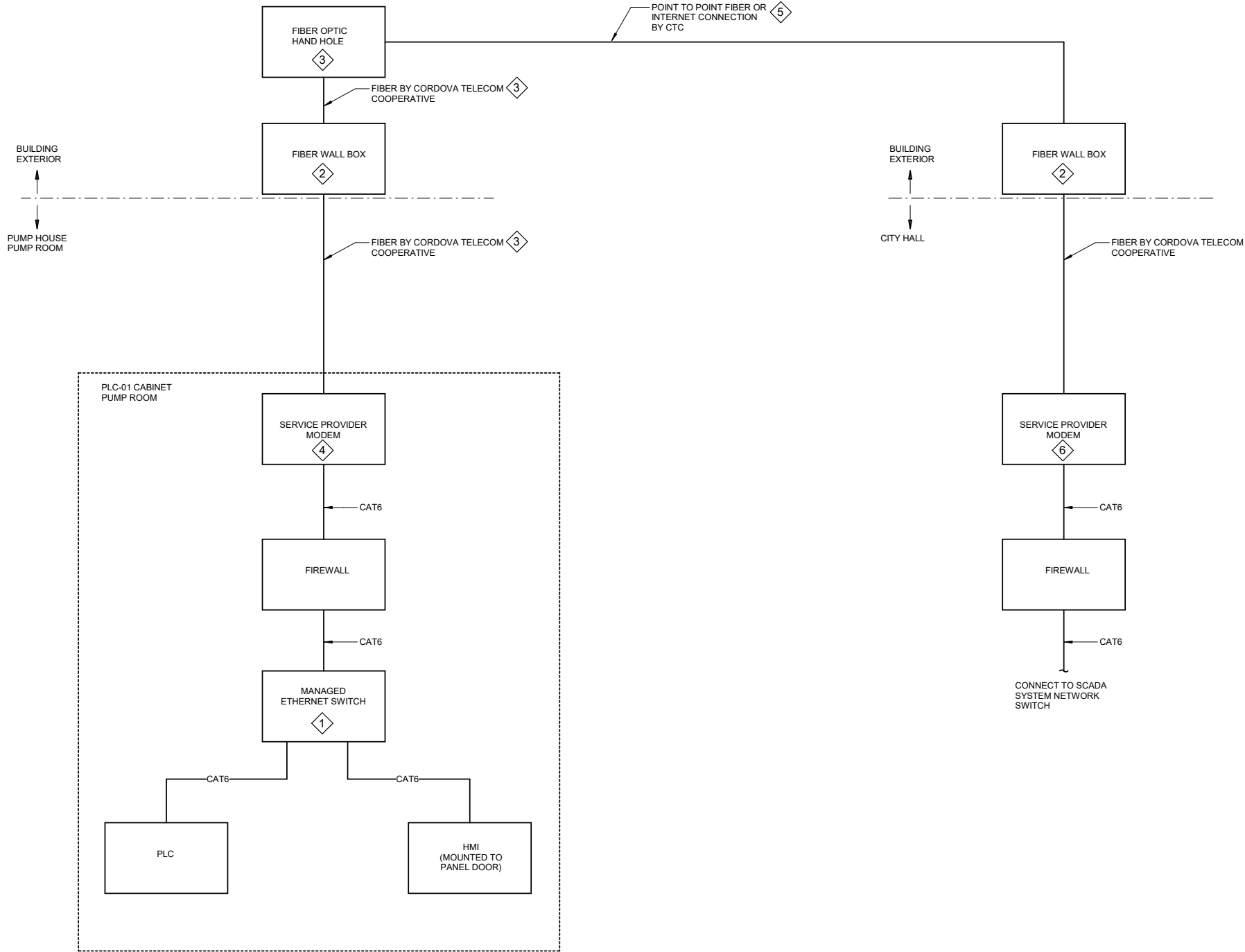




1 NETWORK & DATA COMMUNICATION CABLING DIAGRAM
E-602 SCALE: NO SCALE

SHEET NOTES

- CONNECTIONS SHOWN ON THIS DRAWING ARE LIMITED TO NETWORK AND DATA COMMUNICATIONS CABLING ONLY. REFER TO INSTRUMENT BLOCK DIAGRAMS FOR HARD-WIRED I/O CONNECTIONS.
- CONTRACTOR SHALL CONNECT PLC-01 TO THE CITY'S SCADA NETWORK INTERFACE POINT AT CITY HALL. NETWORK CONNECTION SHALL BE OVER THE TELECOM PROVIDER'S FIBER CONNECTION. CONTRACTOR SHALL COORDINATE WITH THE SCADA SYSTEM NETWORK ADMINISTRATOR AND THE CITY HALL IT DEPARTMENT FOR CONNECTION DETAILS AT THE SCADA SYSTEM NETWORK SWITCH. CONTRACTOR SHALL PROVIDE EQUIPMENT, PROGRAMMING, CONFIGURATION, AND ALL SERVICES NECESSARY TO ENSURE SECURE AND FUNCTIONAL INTEGRATION OF PLC-01 WITH THE CITY'S SCADA NETWORK.

SHEET KEYNOTES

- SUPPLY NETWORK SWITCH WITH ONE ADDITIONAL PORT FOR PORTABLE WORKSTATION CONNECTION AND A MINIMUM OF TWO ADDITIONAL SPARE PORTS FOR FUTURE CONNECTIONS.
- FURNISH AND INSTALL FIBER WALL BOX PER LOCAL TELECOM UTILITY CORDOVA TELECOM COOPERATIVE (CTC) STANDARDS.
- FIBER OPTIC CABLE AND FIBER CONNECTIONS BY LOCAL TELECOM PROVIDER CORDOVA TELECOM COOPERATIVE (CTC). CONTRACTOR TO INSTALL RACEWAYS PER CTC STANDARDS. SERVICE DROP FROM FIBER WALL BOX TO MODEM SHALL BE ROUTED IN 3/4 INCH RMC.
- MODEM PROVIDED BY CTC. MOUNT MODEM INSIDE PLC-01 CABINET.
- FIBER CONNECTION BETWEEN PUMP HOUSE AND CITY HALL SHALL BE POINT TO POINT FIBER CONNECTION OR VIA THE INTERNET. COORDINATE WITH SCADA SYSTEM NETWORK ADMINISTRATOR AND CITY HALL IT DEPARTMENT FOR DETAILS ON THIS LINK.
- MODEM PROVIDED BY CTC.

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RESPEC

PROJECT :
**CITY & BOROUGH OF YAKUTAT
WATER SYSTEM EXTENSION**
YAKUTAT, ALASKA

SHEET TITLE :
**NETWORK & DATA
COMMUNICATION CABLING
DIAGRAM**

DESIGN	NK
DRAWN	CSB
CHECKED	BCH
DATE	04-16-2025

PROJECT No.
10297.24002
SHEET NUMBER

E-602

No.	Date	Item
REVISIONS		