ULTRASONIC CHILLED WATER METER INSTALLATION DETAIL

NOTES:
1. UD510 SERIAL TO ETHERNET CONNECTION, PROVIDED BY THE UTILITIES DEPARTMENT.
2. RS485 COMMUNICATION CABLE PROVIDED BY THE UTILITIES DEPARTMENT
3. STRAP ON ULTRASONIC LIQUID FLOW TRANSMITTER
4. FLOW METER, GENERAL ELECTRIC AQUATRANS AT88A ULTRASONIC
5. TWO - 18/4 AWG STP RTO WIRING AND ONE - 18/2 AWG STP METER FREQUENCY OUTPUT WIRING RUN IN SINGLE 3/4" CONDUIT
6. TWO - 18/4 AWG STP RTO WIRING AND TWO - COAXIAL CABLE INPUT WIRING RUN IN SINGLE 3/4" CONDUIT
7. 24/8 AWG CAT 5 ETHERNET WIRING, PROVIDED BY CORNELL
8. 120 VAC POWER WIRING
9. POWER DISCONNECT SWITCH
10. 6" BY 6" ELECTRICAL WIREWAY

NO SCALE

DESIGN and CONSTRUCTION STANDARDS
FACILITIES ENGINEERING: CORNELL UNIVERSITY

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