1. PROVIDE 12x18x6 NEMA TYPE 1 ENCLOSURE WITH BACKPLANE AND HINGED COVER. MOUNT CIMETRICS BACnet/IP 4x UTILITY METER TO BACKPLANE.
2. 110 VAC RECEPTACLE WITH LABELED SOURCE FROM MECHANICAL ROOM POWER PANEL.
3. CONDENSATE FLOW METER: SEE STANDARD DETAIL 3.22 AND SECTION XXXX FOR ADDITIONAL DETAILS.
4. ELECTRIC METER: SEE STANDARD DETAIL XXXX AND SECTION XXXX FOR ADDITIONAL DETAILS.
5. 18 AWG TWISTED PAIR FROM ENCLOSURE TO EACH METER, RUN IN SEPARATE CONDUIT. FINAL TERMINATIONS BY UEM.
6. ADD BACnet DEVICE ID TO BUILDING AUTOMATION SYSTEM (BACS). ADDRESS PROVIDED BY UEM.
7. PROVIDE CONNECTION TO BACS COMMUNICATION ETHERNET LAN, OR TO CAMPUS ETHERNET. JACK IF BACS IS NOT AVAILABLE.
8. PROVIDE 2 JACKS IF BUILDING HAS A DIGITAL STYLE METER. PROVIDE 1 JACK FOR A SOCKET STYLE METER.

ELECTRIC & CONDENSATE METER REMOTE COMMUNICATIONS INSTALLATION DETAIL

NO SCALE

DESIGN and CONSTRUCTION STANDARD
CORNELL UNIVERSITY

REVIEWED BY: DRL/WSJ REVISED BY: EAK CELL LIBRARY: UTL_STD_DTLS CELL NAME: MECHMTR DOC PRINT: SIZE: 8 1/2" x 11"
DETAIL NO. 3.4.6