SYSTEM CURRENT TRANSFORMER CONNECTION:
CT RATING TO MATCH MAX. SYSTEM LOAD. (CT RATIO: XXXX:5)
SEE NOTE 12.

CT SHORTHORT BLOCK
NOTE 4.

DISCONNECT SWITCH
3 POLE, 600V, 30A

SEE NOTE 5.

SEE NOTE 6.

NOTE: DIRECT POINT TO POINT CABLE PULL IS MINIMUM 6"X6"X4" WITH HINGED DOOR & RJ-45 & POWER PLUG.

UTILITY METERS JUNCTION BOX INTERFACE:
MINIMUM 8"X8"X4" WITH HINGED DOOR & 1-
NOTE: DIRECT POINT TO POINT CABLE PULL IS PREFERRED.

DIGITAL ROUTE
TO E-03
D-03

UTILITY METERS: ANALOG / DIGITAL CONNECTION SCHEDULE:

ONICON SYSTEM 10 P1 OR EQUAL:
S1 = BTU ENERGY TOTAL (TON)
S2 = STEAM FLOW OR CONDENSATE
S3 = DOMESTIC WATER
S4 = NATURAL GAS

ANALOG OUTPUTS (S2-S4) STEAM METER:
S1 = BTU TOTAL ENERGY
S2 = STEAM FLOW OR CONDENSATE
S3 = DOMESTIC WATER
S4 = NATURAL GAS

ANALOG RT
ANALOG ST
ANALOG F
ANALOG P

ANALOG INPUTS (4-20 MA):
S1 = BTU ENERGY TOTAL (TON)
S2 = STEAM FLOW OR CONDENSATE
S3 = DOMESTIC WATER
S4 = NATURAL GAS

OUTPUT OPTIONS:
ANALOG OUTPUTS AS SHOWN ABOVE (FLOW, SUPPLY POWER, INSTRUMENTATION)

NOTES:
1. WHEN CONNECTING TO THE CAMPUS ETHERNET USE THE LANTRONIX UDS-10 OR EQUAL AS INDICATED ON THIS DRAWING.
2. REFER TO CS&DG STANDARD DIVISION 26, POWER MONITORS FOR THE CT RATIO SHOWN ABOVE.
3. CT RATING TO MATCH MAX. SYSTEM LOAD. (CT RATIO: XXXX:5)
4. CT RATING TO MATCH MAX. SYSTEM LOAD. (CT RATIO: XXXX:5)
5. CT SHORTING BLOCK MUST BE ACCESSIBLE FROM A FRONT PANEL, NEAR THE POWER MONITOR AND SHOULD BE GROUNDED.
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DIAGRAM:
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ANALOG ST
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