TYPICAL ENERGY METERING SYSTEM DIAGRAM

NOTES:

1. MEASUREMENT DEVICES SHALL, AT A MINIMUM, PROVIDE DAILY DATA AND SHALL BE AUTOMATICALLY COMMUNICATED TO THE DATA ACQUISITION SYSTEM. THE EMBEDDED DATA TO A DATA ACQUISITION SYSTEM AT A MINIMUM OF A DAILY BASIS.

2. DATA ACQUISITION SYSTEM SHALL BE CAPABLE OF ELECTRONICALLY STORING THE DATA FOR A MINIMUM OF 36 MONTHS. THE DATA FROM THE DATA ACQUISITION SYSTEM SHALL BE USED TO DETERMINE THE EMBEDDED DATA TO AN ANNUAL BASIS.

3. DATA ACQUISITION SYSTEM SHALL BE COMMISSIONED PER THE WASHINGTON STATE ENERGY CODE.

HOT WATER LOADS:
- ELECTRIC WATER HEATING (UP TO 208V MAIN SERVICE)
- NO PERMANENT METERS. TEMPORARY METERS WILL BE USED FOR SATISFYING LEED M&V CREDIT.
- MISC. FLOW METERS ON CHILLED WATER COILS.

DOMESTIC HOT WATER HEATER VIA BTU METER (WATER FLOW METER, INLET WATER TEMPERATURE AND OUTLET WATER TEMPERATURE) PER DIAGRAM ON SHEET ________.

SNOW MELT WATER VIA BTU METER (WATER FLOW METER, INLET WATER TEMPERATURE AND OUTLET WATER TEMPERATURE) PER DIAGRAM ON SHEET ________.

ALL OTHER PROCESS LOADS DETERMINED THROUGH DEDUCTIVE LOGIC FOR LEED & M&V CREDIT.

MISCELLANEOUS LOADS

- WATER CONSUMPTION (SUN BUILDING METER: __________)

NOTES:

1. MEASUREMENT DEVICES SHALL, AT A MINIMUM, PROVIDE DAILY DATA AND SHALL BE AUTOMATICALLY COMMUNICATED TO THE DATA ACQUISITION SYSTEM. THE EMBEDDED DATA TO A DATA ACQUISITION SYSTEM AT A MINIMUM OF A DAILY BASIS.

2. DATA ACQUISITION SYSTEM SHALL BE CAPABLE OF ELECTRONICALLY STORING THE DATA FOR A MINIMUM OF 36 MONTHS. THE DATA FROM THE DATA ACQUISITION SYSTEM SHALL BE USED TO DETERMINE THE EMBEDDED DATA TO AN ANNUAL BASIS.

3. DATA ACQUISITION SYSTEM SHALL BE COMMISSIONED PER THE WASHINGTON STATE ENERGY CODE.