ENERGY FLOW METER DETAIL

Yale Design Standards
Thermal Energy Measurement

Notes
1. Meter Flow element must be installed in full wet pipe, at least 20 pipe diameters of straight length. A 4" offset may be installed to ensure a wetted pipe. A verticle installation may also be used.

2. For condensate measurement, the temperature sensors on steam condensate are to be installed in the inlet pipe to the condensate receiver or the liquid mover.

Footnotes
(1) RTD, 1,000 Ohm, with 6" well. Matched pair for chillwater and hot water supply and return mains.
(2)a Meter flow transducer
(2)b Straight pipe wet leg for flow transducer mounting; at least 20 pipe diameters in length; 10 diameters upstream and 5 diameters downstream of mounted flow transducer.
(3) Meter Flow element (pitot), incorporating required minimul straight run into spool piece assembly.