STANDARD DETAIL

Steam Metering Mechanical Piping Detail

1. STEAM METER TO BE INSTALLED A MINIMUM OF 36" ABOVE FINISHED FLOOR. STEAM METER TO BE INSTALLED NEAR WALL OR IN AN AREA WITH 24" X 24" CLEARANCE OF SPACE BELOW IT TO MOUNT A RACK FOR PROCESS CONTROLS.

2. METER MAY BE INSTALLED IN VERTICAL ORIENTATION, USING CONCENTRIC REDUCERS AND NECESSARY TRAPPING/Drip LEGS.

KEY NOTES

1. PROVIDE A MINIMUM OF 15" OF CLEARANCE FROM A WALL OR OTHER OBSTRUCTIONS FOR PROCESS PIPING.

GENERAL NOTES

PRESSURE TRANSMITTER PROVIDED BY UNL & INSTALLED BY CONTRACTOR

1/2” BALL VALVE BY M.C.

ISOLATION GATE VALVE (FLANGED)

FROM CAMPUS STEAM SYSTEM

ADD DRIP TRAP AS NEEDED

GLOBE VALVES PROVIDED AND INSTALLED BY M.C.

PIPE SIZE TO MATCH METER SIZE REDUCERS AS NECESSARY, ECCENTRIC FLAT BOTTOM (TYP.)

STEAM METER (V-CONE BY MCCROMETER) PROVIDED BY UNL & INSTALLED BY CONTRACTOR

THERMOWELL PROVIDED BY UNL AND INSTALLED BY CONTRACTOR

TRANSMITTERS AND PROCESS PIPING PROVIDED BY AND INSTALLED BY UNL UTILITIES

FLANGES SO CAN INSTALL AS SPOOL PIECE

TO BUILDING STEAM SYSTEM

V-CONE

FLANGED (TYPICAL)

2Ø TO 4Ø

3Ø

2Ø