



MP STEAM SERVICE CONNECTION – ELEVATION 1  
N.T.S. H105

#### NOTES:

1.  $D_1$  = NOMINAL METER AND PIPE SIZE, IN INCHES.
2.  $D_2$  = NOMINAL STEAM SUPPLY PIPE SIZE TO BUILDING, IN INCHES.
3. INSTALL METER AND ACCESSORIES PER MANUFACTURER'S INSTRUCTIONS.
4. ATTACH PERMANENT METER TAG TO METER. INCLUDE MAKE, MODEL, SIZE AND MAXIMUM PERMISSIBLE STEAM CAPACITY IN PPH AT SERVICE PRESSURE. (DATA PROVIDED BY DU)
5. COORDINATE INSTALLATION OF DU FURNISHED BUILDING METER INTERFACE PANEL WITH ELECTRICAL CONTRACTOR SUPPLYING CONNECTION TO UTILITIES MONITORING CONTROL PANEL.
6. CONTRACTOR SHALL PROVIDE INSULATION AND JACKETING FOR THE COMPLETE BUILDING STEAM SERVICE CONNECTION. PROVIDE REMOVABLE INSULATION BLANKETS FOR THE STEAM METER, ISOLATION VALVES, BYPASS VALVE AND INLET STRAINER. PIPING TO RECEIVE SAME INSULATION TYPE AND THICKNESS AS SPECIFIED FOR THE BUILDING STEAM LINES.

#### MATERIAL LIST

ITEM	DESCRIPTION
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">1</span>	PIPING PER UES-TS-H002
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>	STEAM METER
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	PERFORATED PLATE FLOW CONDITIONER
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>	PRESSURE INDICATOR W/SNUBBER, COCK
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>	GATE VALVE – TYPICAL
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">6</span>	Y-TYPE STRAINER W/SS BASKET
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">7</span>	BALL VALVE – LOW POINT DRAIN
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	STEAM TRAP STATION AND BLOWDOWN VALVE
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">9</span>	BUILDING METER INTERFACE PANEL

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Date: 13 APR 2010  
Scale: NONE  
Designed By: RAH  
Drawn By: EWG  
Checked By: NEM

DIRECT BURIED HEAT DISTRIBUTION SYSTEM  
MED. PRESSURE STEAM SERVICE CONNECTION  
DESIGN & CONSTRUCTION STANDARDS

Drawing No.

UES-DD-H105