NOTES:
1. NOT FOR CONSTRUCTION. THIS DIAGRAM IS NOT INTENDED TO PROVIDE COMPLETE INSTRUCTIONS FOR THE INSTALLATION OF PRESSURE REDUCING STATIONS.
2. THE ENGINEER OF RECORD SHALL ADAPT THIS DIAGRAM TO THE SPECIFIC PROJECT REQUIREMENTS. ADDITIONAL DETAIL IS NECESSARY TO ENSURE PROPER INSTALLATION IN COMPLIANCE WITH ANSI/ASME B31.1.

COMPONENTS:
A. DRIP LEG/STEAM TRAP ASSEMBLY. SEE STANFORD DRAWING MS-55, STEAM TRAP DETAILS.
B. MAIN BUILDING GATE VALVE.
C. STEAM METER ASSEMBLY: SEE STANFORD DRAWING MS-20 VORTEX STEAM METER.
D. PRESSURE GAUGE.
E. GATE VALVE.
F. STRAINER. INSTALL SIDEWAYS.
G. SWAGED REDUCER, FULL PIPE TO 2" OR LESS, THREADED X WELD END WITH WELD NECK FLANGE.
H. SWAGED REDUCER, THREADED X THREADED.
I. UNION.
J. 1ST STAGE LEAD PRV.
K. 1ST STAGE LAG PRV.
L. 2ND STAGE LEAD PRV.
M. 2ND STAGE LAG PRV.
N. MEDIUM PRESSURE SAFETY RELIEF VALVE.
O. LOW PRESSURE SAFETY RELIEF VALVE.

1. PROVIDE MINIMUM 3" LONG NIPPLES BETWEEN ALL COMPONENTS, FITTINGS & SPECIALTIES.
2. PROVIDE MINIMUM 15 PIPE DIAMETERS OF STRAIGHT PIPE UPSTREAM & DOWNSTREAM OF EACH PRV.

STANFORD UNIVERSITY FACILITY OPERATIONS

Drawing Title: TYPICAL STEAM PRESSURE REDUCTION STATION

Scale: NTS Check: Rev. By: JEM Rev. Date: 04/07/99

DWG. MS-57