



NOTE:
 1) LINE SIZES, PIPING AND ACCESSORIES OTHER THAN THOSE INCLUDED IN GRAHAM'S SCOPE OF SUPPLY ARE SUGGESTED ONLY. GRAHAM ASSUMES NO RESPONSIBILITY FOR, NOR FURNISHES ANY OF THESE ITEMS.
 2) PIPING FROM HOTWELL TO PUMP TO BE AS SHORT AS POSSIBLE.
 3) TO CALCULATE AVAILABLE N.P.S.H. FOR CONDENSATE PUMPS USE N.P.S.H. = DISTANCE FROM LIQUID LEVEL IN HOTWELL TO CENTERLINE OF PUMP - (MINUS) ENTRANCE AND FRICTION LOSSES IN SUCTION LINE.
 4) INSTRUMENTATION SYMBOLS & IDENT. PER ANSI/ISA-55.1

— PIPING SUPPLIED BY GRAHAM
 - - - PIPING & ACCESSORIES SUPPLIED BY OTHERS
 * ITEMS FURNISHED BY GRAHAM
 N.C. NORMALLY CLOSED (AT NORMAL OPERATION)
 // // // PNEUMATIC SIGNAL
 - - - - - ELECTRIC SIGNAL

PRELIMINARY

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PIPING & INSTRUMENTATION DIAGRAM			
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