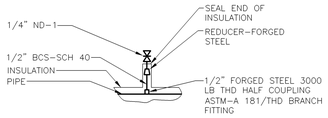
Date (mmm dd yyyy)	Issued For	Rev.
02-19-2009	TITLE II CONSTRUCTION BID ISSUE	0



PSL PRESSURE SWITCH LOW DETAIL
NO SCALE

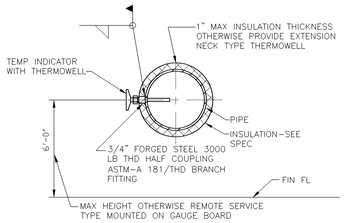
FSL FLOW SWITCH LOW DETAIL
NO SCALE

PDT PRESSURE DIFFERENTIAL TRANSMITTER DETAIL
NO SCALE

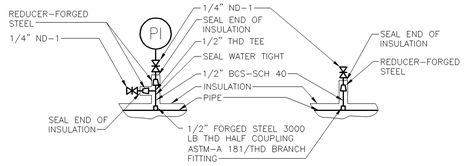
AT ANALYSIS INDICATING TRANSMITTER DETAIL
NO SCALE

PT ANALYSIS INDICATING TRANSMITTER DETAIL
NO SCALE

PI PRESSURE INDICATOR DETAIL
NO SCALE

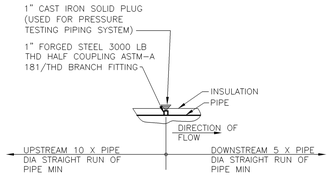


TI TEMPERATURE INDICATOR DETAIL
NO SCALE



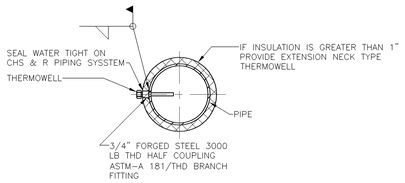
ALL FITTINGS 1/2" AND SMALLER FORGED STEEL ASTM-A 181 GRADE 1

PDS PRESSURE DIFFERENTIAL SWITCH DETAIL
NO SCALE



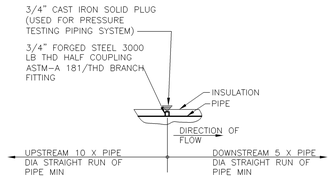
INSTALL ON TOP OF PIPE OR PER FLOW TRANSMITTER MFR RECOMENDATIONS

FT FLOW TRANSMITTER (FOR LIQUID SYSTEMS) DETAIL
NO SCALE



PIPING 4" AND ABOVE

TE TEMPERATURE ELEMENT DETAIL
NO SCALE



INSTALL ON TOP OF PIPE OR PER FLOW TRANSMITTER MFR RECOMENDATIONS

FT FLOW TRANSMITTER (FOR COMPRESSED AIR SYSTEMS) DETAIL
NO SCALE

This drawing has been prepared solely for the use of Brookhaven National Laboratory and there are no representations of any kind made by Giffels, Partnership to any party with whom Giffels, Partnership has not entered into a contract.

This drawing shall not be used for construction purposes until the seal and signature of the responsible registrant appears on the drawing, and proper permit forms and related fees are transmitted by the Owner, Owner's Agent or Contractor to the Authority Having Jurisdiction.

JOB NO	SHEET	NO	REVISION	DATE	DWN.	APP'D.	QA
		A					

BROOKHAVEN NATIONAL LABORATORY

UNDER CONTRACT WITH
UNITED STATES DEPARTMENT OF ENERGY
PLANT ENGINEERING DIVISION
UPTON, NEW YORK 11973

Giffels, Partnership
25200 Telegraph Road, Suite 200
Southfield, Michigan 48033 USA
Tel. 248-936-8000
Fax 248-936-8111

Approved By: B NEWMAN
Project Manager: G. KAPLAN
Project Engineer/Architect: E PIENDEL
Project No.: SF070003

JOB TITLE: CENTRAL CHILLED WATER FACILITY PHASE II			DWG. TITLE: DETAILS	
ILR,GPP,LNI, HEM	DATE		ACCT. NO.	SHEET OF
SCALE: AS NOTED	DWN. BY: EP	REV'D BY: BN	JOB NO.: 11705	DWG. NO. MP-502
ESHQ RISK LEVEL	APP'D. BY: W HARRISON		BLDG. NO.: 600	
PATH:				