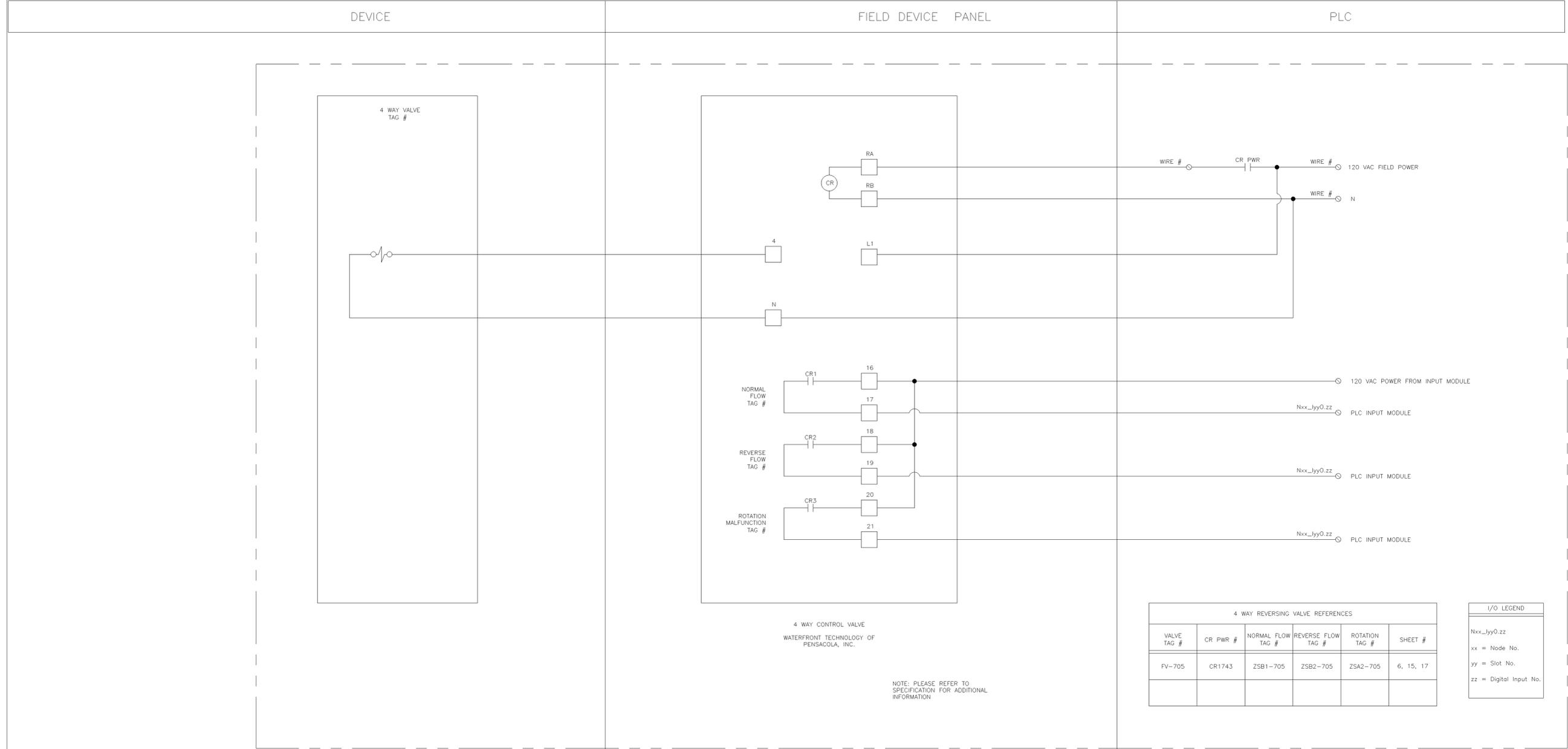


Date (mm-dd-yyyy)	Issued For	Rev.
03-28-2008	TITLE II DESIGN 60% REVIEW SUBMITTAL	D
07-31-2008	TITLE II DESIGN 60% REVIEW SUBMITTAL	E
08-25-2008	TITLE II DESIGN 100% OWNER REVIEW	F
02-19-2009	TITLE II CONSTRUCTION BID ISSUE	O

4 WAY REVERSING VALVE LOOP DIAGRAM



4 WAY CONTROL VALVE
WATERFRONT TECHNOLOGY OF
PENSACOLA, INC.

NOTE: PLEASE REFER TO
SPECIFICATION FOR ADDITIONAL
INFORMATION

4 WAY REVERSING VALVE REFERENCES					
VALVE TAG #	CR PWR #	NORMAL FLOW TAG #	REVERSE FLOW TAG #	ROTATION TAG #	SHEET #
FV-705	CR1743	ZSB1-705	ZSB2-705	ZSA2-705	6, 15, 17

I/O LEGEND	
Nx_x-yy0.zz	xx = Node No. yy = Slot No. zz = Digital Input No.

BID ALTERNATE #2

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.



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

JOB TITLE: CENTRAL CHILLED WATER FACILITY PHASE II
DWG. TITLE: 4 WAY REVERSING VALVE

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

Approved By: M. CODRINGTON
Project Manager: G. KAPLAN
Project Engineer/Architect: M. CODRINGTON
Project No.: SF070003

JOB NO.	SHEET NO.	REVISION	DATE	ENCL.	APPR.	QA
	39					

LR/APP/LN	REV	DATE	ACCT. NO.	SHEET OF
SCALE	NO SCALE	DWN. BY MC	REV'D BY MC	JOB NO. 11705
ESHD RISK LEVEL	APPR. BY	BLDG. NO. 600		DWG. NO. M-632-39

Path Name: C:\vms\dms\brookhaven_national_laboratory\sf070003\500-delin\pennel00percentdwg\11705-M632-39.DWG
 Plot Date: 2/19/2009 1:13 PM Current File Size: 113 KB
 User Name: Ed Flendel
 Acad Version: 16.2s (LMS Tech)
 User Name: Ed Flendel