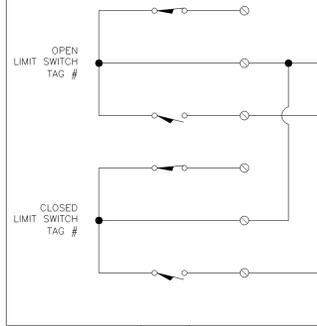
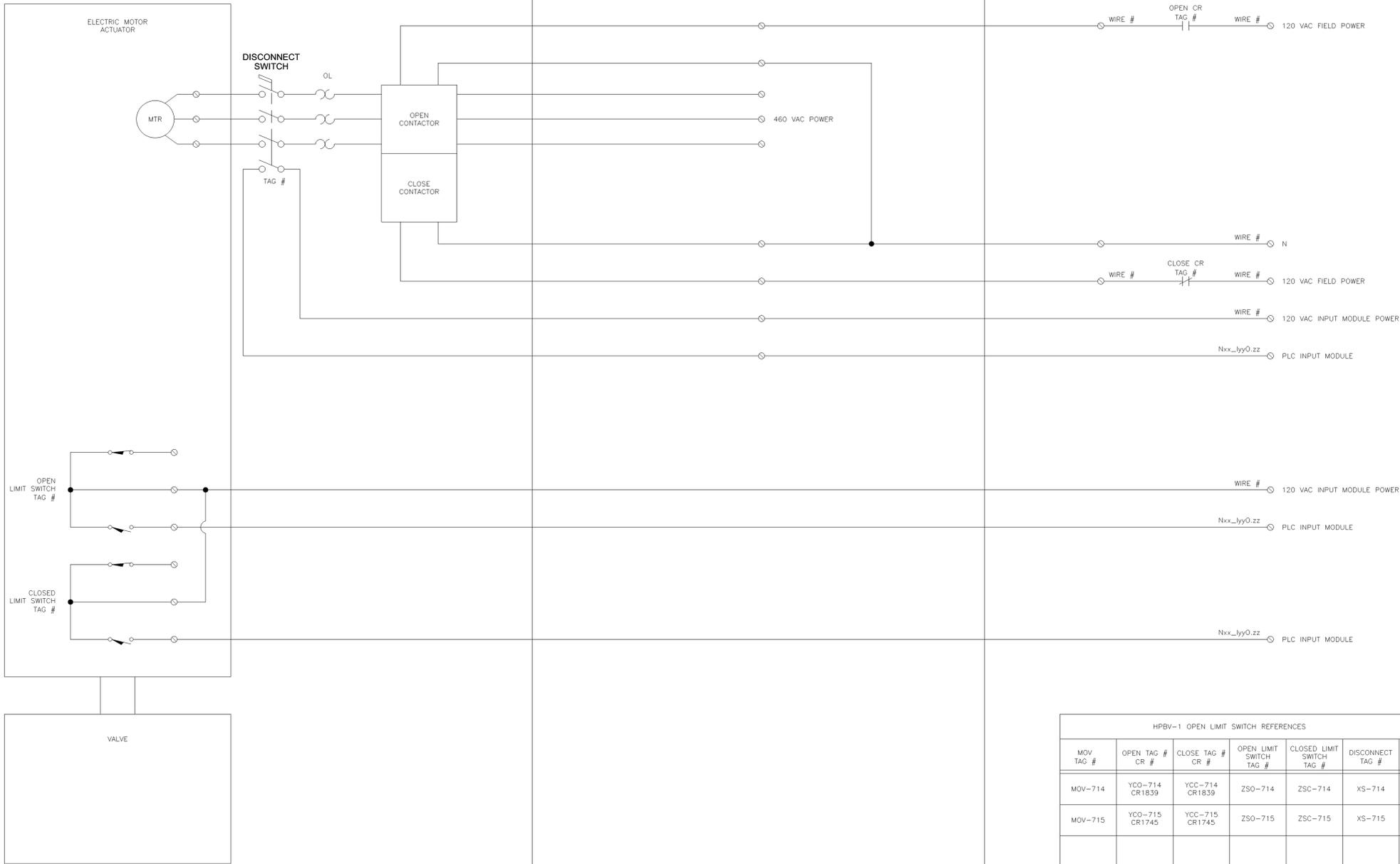


Date (mm-dd-yyyy)	Issued For	Rev.
03-28-2008	TITLE II DESIGN 60% REVIEW SUBMITTAL	D
07-31-2008	TITLE II DESIGN 80% REVIEW SUBMITTAL	E
08-25-2008	TITLE II DESIGN 100% OWNER REVIEW	F
02-19-2009	TITLE II CONSTRUCTION BID ISSUE	0

HPBV-1 VALVE LOOP DIAGRAM



HPBV-1 OPEN LIMIT SWITCH REFERENCES						
MOV TAG #	OPEN TAG # CR #	CLOSE TAG # CR #	OPEN LIMIT SWITCH TAG #	CLOSED LIMIT SWITCH TAG #	DISCONNECT TAG #	SHEET #
MOV-714	YCO-714 CR1839	YCC-714 CR1839	ZSO-714	ZSC-714	XS-714	6, 16, 17
MOV-715	YCO-715 CR1745	YCC-715 CR1745	ZSO-715	ZSC-715	XS-715	6, 16, 17

I/O LEGEND

Nxx-ly0.zz
 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.
 jyy = Slot No.

This drawing shall not be used for construction purposes until the issue and signature of the responsible regulator 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.

BROOKHAVEN NATIONAL LABORATORY

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

JOB TITLE		HPBV-1 VALVE	
CENTRAL CHILLED WATER FACILITY PHASE II		TYP. LOOP DIAGRAM	
DATE	ACCT. NO.	DATE	ACCT. NO.
NO SCALE	11705	NO SCALE	11705
ESHD RISK LEVEL	600	ESHD RISK LEVEL	600

SHEET 32 OF 39
 DWG. NO. M-632-32

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 Project No.: SF070003