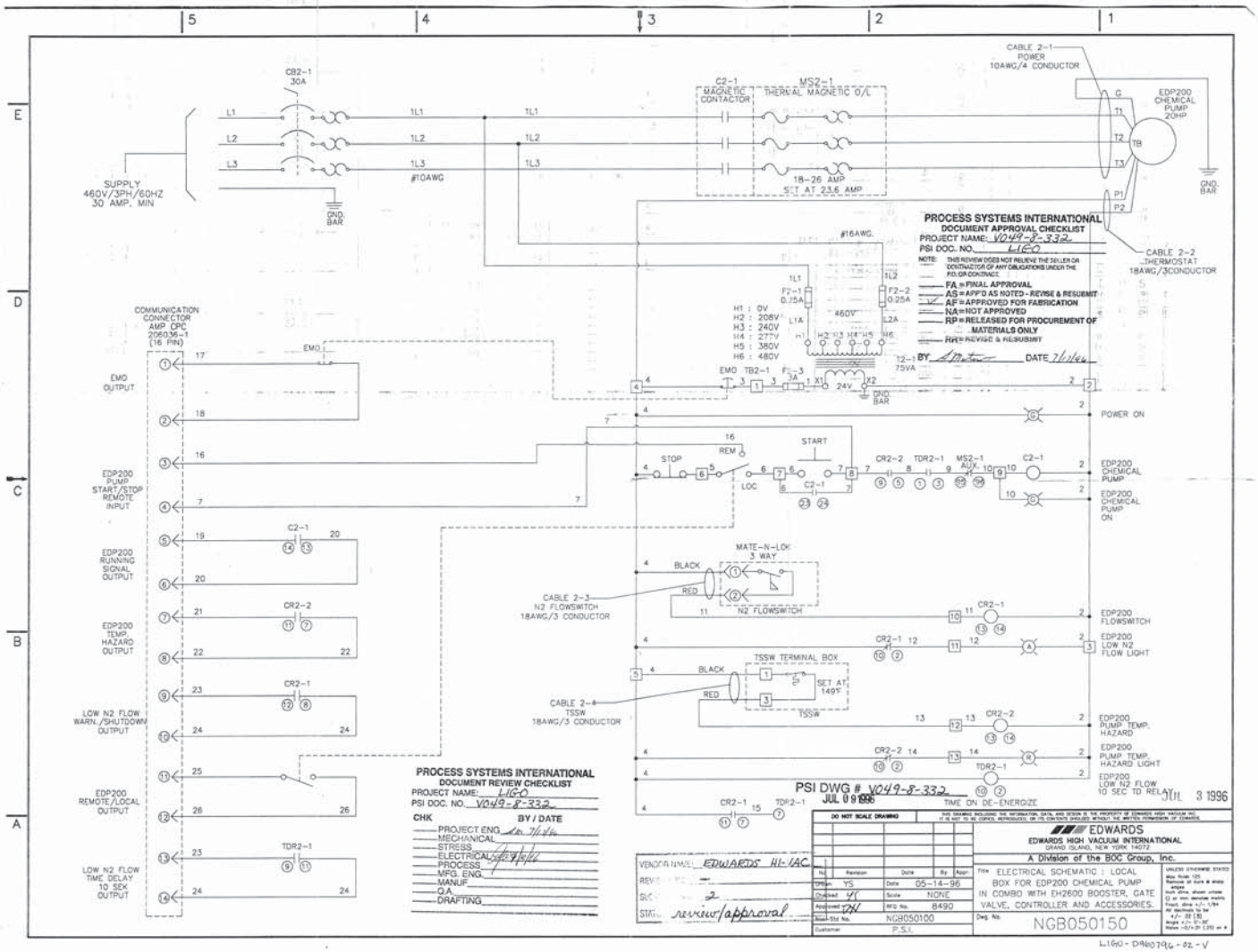

CB2-1 30A
SUPPLY 460V/3PH/60HZ 30 AMP, MIN
#10AWG
GND. BAR
C2-1 MAGNETIC CONTACTOR
MS2-1 THERMAL MAGNETIC O/L
18-26 AMP SET AT 23.6 AMP
CABLE 2-1 POWER 10AWG/4 CONDUCTOR
EDP200 CHEMICAL PUMP 20HP
CABLE 2-2 THERMOSTAT 18AWG/3CONDUCTOR
#16AWG.
H1 : 0V
H2 : 208V
H3 : 240V
H4 : 277V
H5 : 380V
H6 : 480V
460V
24V
T2-1 75VA
COMMUNICATION CONNECTOR AMP CPC 206036-1 (16 PIN)
EMO OUTPUT
EDP200 PUMP START/STOP REMOTE INPUT
EDP200 RUNNING SIGNAL OUTPUT
EDP200 TEMP. HAZARD OUTPUT
LOW N2 FLOW WARN./SHUTDOWN OUTPUT
EDP200 REMOTE/LOCAL OUTPUT
LOW N2 FLOW TIME DELAY 10 SEK OUTPUT
POWER ON
EDP200 CHEMICAL PUMP
EDP200 CHEMICAL PUMP ON
MATE-N-LOK 3 WAY
CABLE 2-3 N2 FLOWSWITCH 18AWG/3 CONDUCTOR
N2 FLOWSWITCH
EDP200 FLOWSWITCH
EDP200 LOW N2 FLOW LIGHT
TSSW TERMINAL BOX
SET AT 149°F
CABLE 2-4 TSSW 18AWG/3 CONDUCTOR
EDP200 PUMP TEMP. HAZARD
EDP200 PUMP TEMP. HAZARD LIGHT
EDP200 LOW N2 FLOW 10 SEC TO RELAY
TIME ON DE-ENERGIZE
PROCESS SYSTEMS INTERNATIONAL
DOCUMENT APPROVAL CHECKLIST
PROJECT NAME: V049-8-332
PSI DOC. NO. LIGO
NOTE: THIS REVIEW DOES NOT RELIEVE THE SELLER OR CONTRACTOR OF ANY OBLIGATIONS UNDER THE P.O. OR CONTRACT.
FA = FINAL APPROVAL
AS = APP'D AS NOTED - REVISE & RESUBMIT
AF = APPROVED FOR FABRICATION
NA = NOT APPROVED
RP = RELEASED FOR PROCUREMENT OF MATERIALS ONLY
RR = REVISE & RESUBMIT
BY
DATE 7/17/96
PROCESS SYSTEMS INTERNATIONAL
DOCUMENT REVIEW CHECKLIST
PROJECT NAME: LIGO
PSI DOC. NO. V049-8-332
CHK BY / DATE
PROJECT ENG.
MECHANICAL
STRESS
ELECTRICAL
PROCESS
MFG. ENG.
MANUF.
Q.A.
DRAFTING
PSI DWG # V049-8-332
JUL 09 1996
JUL 3 1996
DO NOT SCALE DRAWING
EDWARDS
EDWARDS HIGH VACUUM INTERNATIONAL
GRAND ISLAND, NEW YORK 14072
A Division of the BOC Group, Inc.
VENDOR NAME: EDWARDS HI-VAC
STATUS: review/approval
Drawn YS
Date 05-14-96
Checked
Scale NONE
Approved
RFQ No. 8490
Assy-Std No. NGB050100
Customer P.S.I.
Title ELECTRICAL SCHEMATIC : LOCAL BOX FOR EDP200 CHEMICAL PUMP IN COMBO WITH EH2600 BOOSTER, GATE VALVE, CONTROLLER AND ACCESSORIES.
Dwg. No. NGB050150
LIGO-D960796-02-V