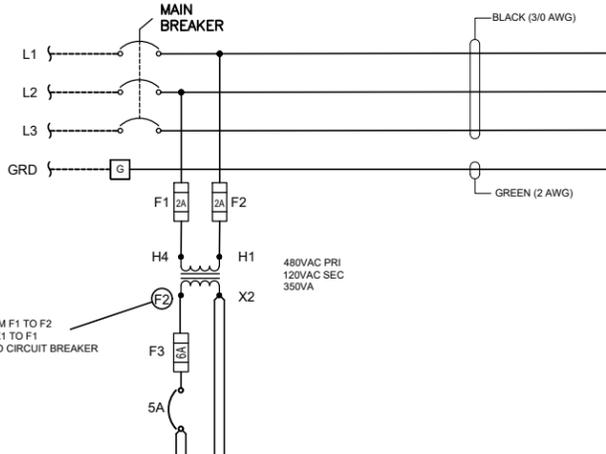


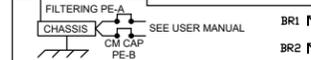
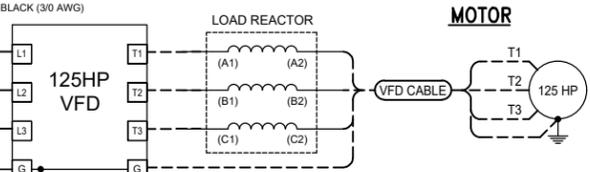
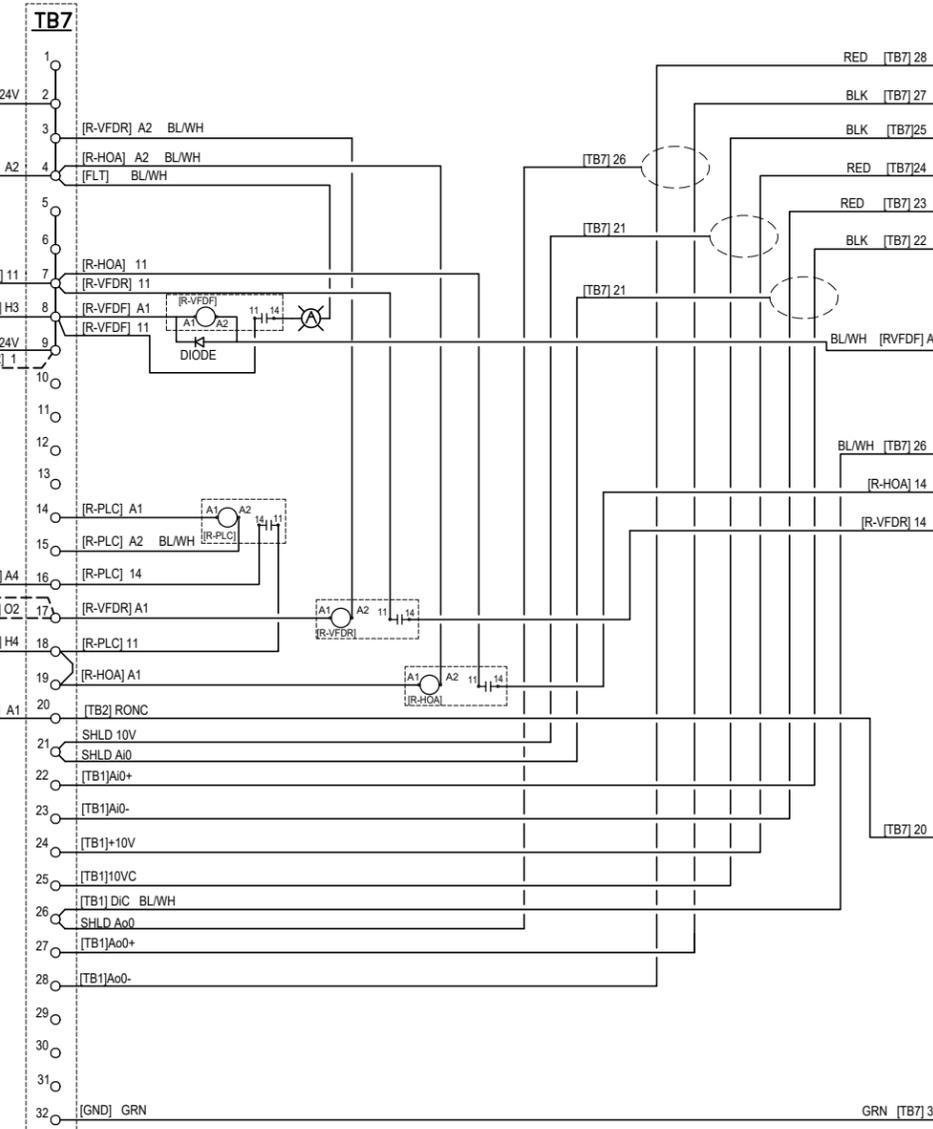
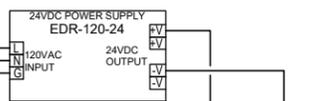
LEGEND	
	PANEL WIRING
	FIELD WIRING
TSx	VFD ENCLOSURE TERMINALS
TBx	VFD PHYSICAL TERMINALS
TSx	VFD INTERFACE TERMINALS
TBx	PLC PANEL TERMINALS

**CUSTOMER CONNECTION**

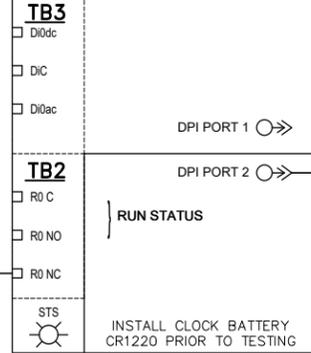
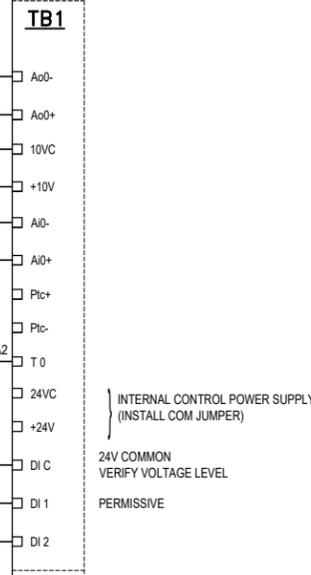
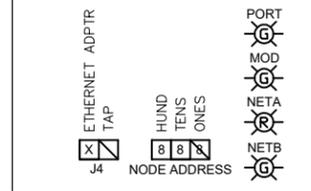


INSTALL JUMPER FROM F1 TO F2  
INSTALL FUSE FROM X1 TO F1  
LINE WIRE FROM F2 TO CIRCUIT BREAKER

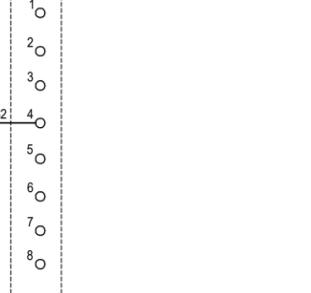
**24V WIRING:  
BLUE 16 AWG UNLESS NOTED**



PE-A FILTER	<input checked="" type="checkbox"/>	IN	<input checked="" type="checkbox"/>	OUT	J1 ENABLE	<input checked="" type="checkbox"/>	IN	<input checked="" type="checkbox"/>	OUT
PE-B CM CAP	<input checked="" type="checkbox"/>	IN	<input checked="" type="checkbox"/>	OUT	J2 SAFETY	<input checked="" type="checkbox"/>	IN	<input checked="" type="checkbox"/>	OUT



**ROCKWELL  
POWERFLEX VFD  
(753 SERIES)**



REMOVE JUMPERS PE-A AND PE-B FOR:  
-COMMON DC BUS APPLICATION FED FROM ACTIVE CONVERTER  
-IMPEDANCE GROUNDED POWER SOURCE  
-UNGROUND POWER SOURCE

NOTE: DEFAULT JUMPER POSITIONS  
-J1 = IN ; -J2 = IN  
IF DRIVE IS REPLACED  
VERIFY JUMPER SETTINGS

ETHERNET ADPTR TAP  
HUND TENS ONES  
J4 NODE ADDRESS

PORT  
MOD  
NETA  
NETB

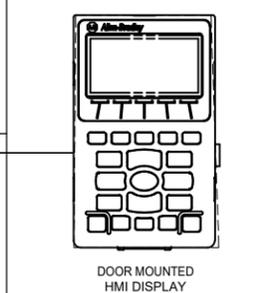
DPI CONNECTION STATUS  
OPTION MODULE STATUS  
NETWORK CONNECTION STATUS  
OPTION MODULE TRANSMISSION STATUS

INTERNAL CONTROL POWER SUPPLY (INSTALL COM JUMPER)  
24V COMMON VERIFY VOLTAGE LEVEL PERMISSIVE

DPI PORT 1  
DPI PORT 2

RUN STATUS

INSTALL CLOCK BATTERY CR1220 PRIOR TO TESTING



[R-HOA] HOA, RUN CMD  
[R-RLT] RUN LIGHT RELAY  
[R-PLC] AUTO CMD  
[R-VFDR] VFD FAULT RESET  
[R-VFDF] VFD FAULT

CAUTION: DO NOT APPLY POWER OR TURN ON DISC. IF THE CABINET WAS EXPOSED TO BELOW FREEZING TEMPERATURES FOR EXTENDED PERIODS OF TIME. FIRST USE EXTERNAL HEATING TO RAISE THE TEMP OF THE DRIVE HEATSINK TO ABOVE FREEZING

NOTE 1: PUSH BUTTON RESET OPTIONAL

**125HP VFD**  
 MIDLAND, TEXAS  
 SCALE NO SCALE  
 REV. A  
 DWG. XXXX-00-01

ENGINEERING AND DESIGN  
 TEXAS REGISTERED  
 ENGINEERING FIRM #098  
 CONSULTANTS, INC.

DATE	03/21/24
DWG. NO.	
REVISION/ISSUE	
FOR APPROVAL	
NO.	
FILE:	
DRAWN BY:	
CHK REVIEW APPR.	JG
DATE	
DWG. NO.	
REFERENCE DRAWINGS	