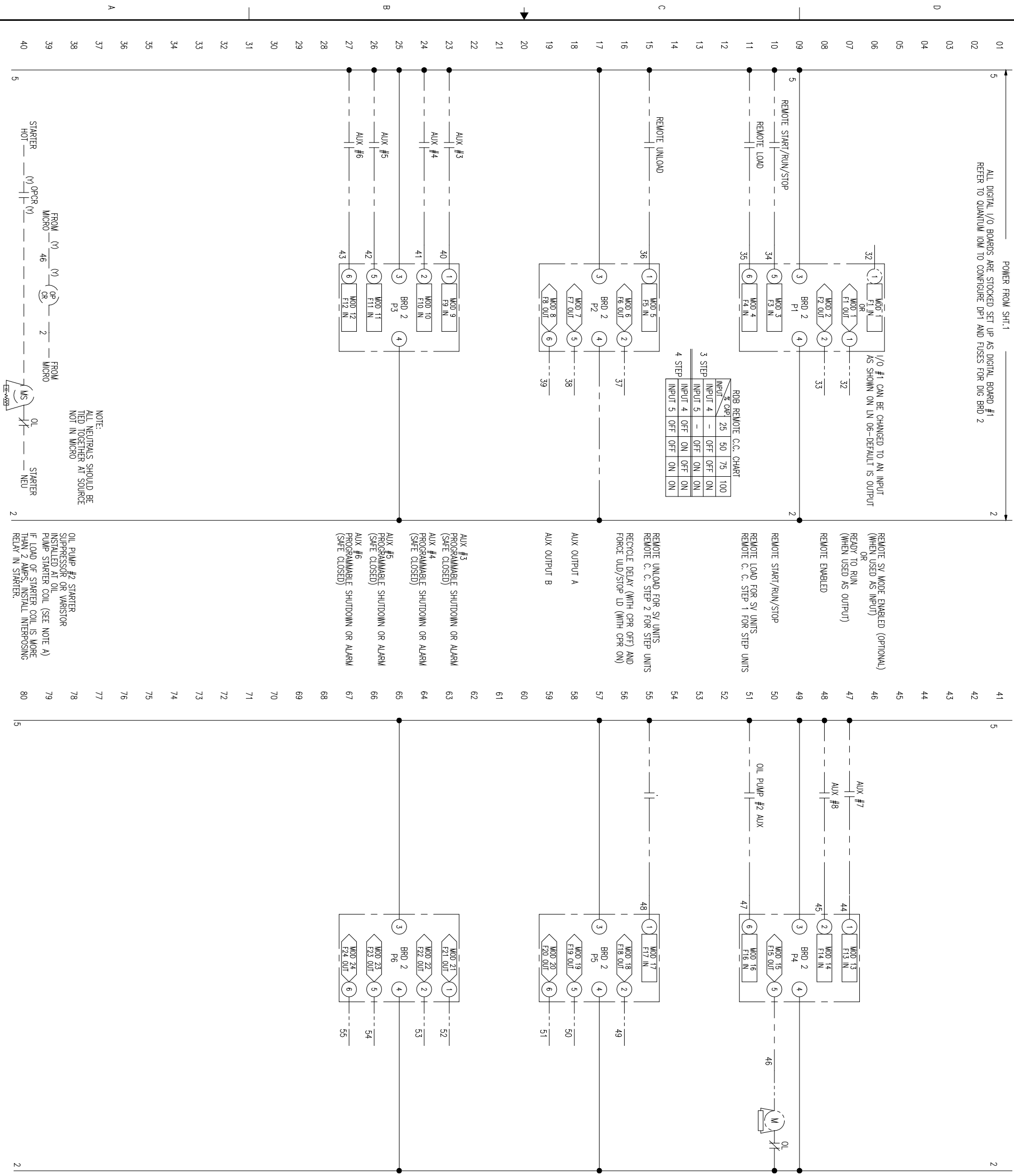


REVISION HISTORY		DATE	DR	CHK	APPD
ZONE	REV	DESCRIPTION	REV	DATE	BY
A	1	RE-NAME outputs 7, 8, 18, & 21 to 24, add CE	07-11-07	HQN	JML

POWER FROM SHFT 1
ALL DIGITAL I/O BOARDS ARE STOCKED SET UP AS DIGITAL BOARD #1
REFER TO QUANTUM IOW TO CONFIGURE DP1 AND FUSES FOR DIG BRD 2

ROB REMOTE C.C. CHART

INPUT	% CPR	25	50	75	100
3 STEP INPUT 4	-	OFF	OFF	ON	ON
3 STEP INPUT 5	-	OFF	ON	ON	ON
4 STEP INPUT 4	OFF	ON	OFF	ON	ON
4 STEP INPUT 5	OFF	OFF	ON	ON	ON



NOTE A:
A SURGE SUPPRESSOR OR MOV TO BE INSTALLED ACROSS ALL INDUCTIVE LOADS IN QUANTUM AND IF SHOWN, ON DEVICES OUTSIDE OF QUANTUM.
SURGE SUPPRESSOR SPECIFICATIONS:
RC NETWORK CONSISTING OF A .1 MFD CAPACITOR, 600 VDC IN SERIES WITH A 47 OHM RESISTOR.
USE ELECTROLYTE #RC2031-3-6 OR EQUAL.
VARISTOR
METAL OXIDE VARISTOR (MOV) SPECIFICATIONS:
GE #M1501A10A OR EQUAL FOR 115 VOLTS
GE #V2501A10A OR EQUAL FOR 250 VOLTS

NOTE C:
SOLENOID WIRING IF DIN CONNECTORS ARE USED
IF ANY OTHER DEVICES USE DIN CONNECTORS, SUCH AS OIL HEATERS, THE HOT WILL ALWAYS BE PIN 1 AND THE NEUTRAL PIN 2

INDICATES DIN CONNECTOR IF USED ON DEVICE
INDICATES "REQUIRED WITH OIL PUMP ONLY"

INDICATES DEVICES SUPPLIED BY FRICK OR OTHERS WHEN OPTIONAL OR REQUIRED
WIRING BY OTHERS - ALL AC WIRING ENTERING CONTROL CENTER (INCLUDING GROUND & NEUTRAL) TO BE #14 AWG STRANDED WIRES UNLESS SPECIFIED OTHERWISE.

REPRESENTS STARTER TERMINALS WHEN SUPPLIED BY FRICK.
TERMINALS IN DIG I/O CONTROL CENTER

NO THREE PHASE WIRING SHALL ENTER OR LEAVE QUANTUM PANEL OR BE RUN IN SAME CONDUIT AS ANY QUANTUM CONTROL WIRING ENTERING OR LEAVING QUANTUM PANEL.
NO SINGLE PHASE OVER 300 VOLTS SHALL ENTER OR LEAVE QUANTUM PANEL UNLESS SPECIFIED OTHERWISE.
ALL QUANTUM WIRING TO BE #16 AWG STRANDED WIRE UNLESS SPECIFIED OTHERWISE.
ALL NEUTRALS FOR UL PANEL WIRING TO BE WHITE UNLESS NOTED OTHERWISE.
ALL NEUTRALS FOR CE PANEL WIRING TO BE LT BLUE UNLESS NOTED OTHERWISE.
FOR INSTALLATION OF QUANTUM PACKAGE TEST PROCEDURE, SEE MMB NO. 4.11.10.12
FOR INSTALLATION OF COMPUTER BOARDS AND ERRORS, SEE MMB NO. 4.11.10.11
FOR HIGH POT TEST PROCEDURE, SEE MMB NO. 4.11.10.7
FOR QUANTUM ASSEMBLY AND TEST PROCEDURE, SEE MMB NO. 4.11.10.14

PURCHASER		NOTICE TO PURCHASER	
FRICK ORD NO.		REFER TO CONTRACT FOR MATERIAL TO BE SUPPLIED BY FRICK COMPANY. THE AMOUNT OF SUCH MATERIAL IS NOT INCREASED BY ANYTHING SHOWN UPON THIS DRAWING.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		York International Refrigeration - Frick Waynesboro, PA 17268	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TITLE	
00 NOT SCALE		WIRING DIAGRAM UL & CE QUANTUM LX DIGITAL I/O BOARD 2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DATE CODE	
07-12-04		D 23587	
07-12-04		649D5210	
07-12-04		SCALE	
07-12-04		SHEET 1 OF 1	