

ZONE	REV	ECN	DESCRIPTION	DATE	DR	CHK	APPD

REVISION HISTORY		DATE	DR	CHK	APPD

NOTE A:
A SURGE SUPPRESSOR OR MOVY 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 #R2031-3-6 OR EQUAL.
VARISTOR METAL OXIDE VARISTOR (MOV) SPECIFICATIONS:
OE #1501A104 OR EQUAL FOR 115 VOLTS
OE #12501A104 OR EQUAL FOR 230 VOLTS

NOTE B:
STARTER CONNECTIONS ARE SHOWN IN WIRING DIAGRAM AS A FRICK SUPPLIED STARTER. SEE LINES 35-40 FOR CUSTOM STARTERS NOT SUPPLIED BY FRICK. WIRING BY FRICK IF MOUNTED STARTER.

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 DEVICES SUPPLIED BY FRICK OR OTHERS WHEN OPTIONAL OR REQUIRED
--- WIRING BY OTHERS- ALL 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 1/0 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.
ALL QUANTUM WIRING TO BE #16 AWG STRANDED WIRE UNLESS SPECIFIED OTHERWISE.
ALL NEUTRAL (EXP. 2 & 2A) WIRING TO BE WHITE UNLESS NOTED OTHERWISE.
FOR INSTALLATION OF QUANTUM PACKAGE TEST PROCEDURE, SEE MMB NO. 4.11.10.12
FOR HIGH POT TEST PROCEDURE, SEE MMB NO. 4.11.10.11
FOR QUANTUM ASSEMBLY AND TEST PROCEDURE, SEE MMB NO. 4.11.10.14

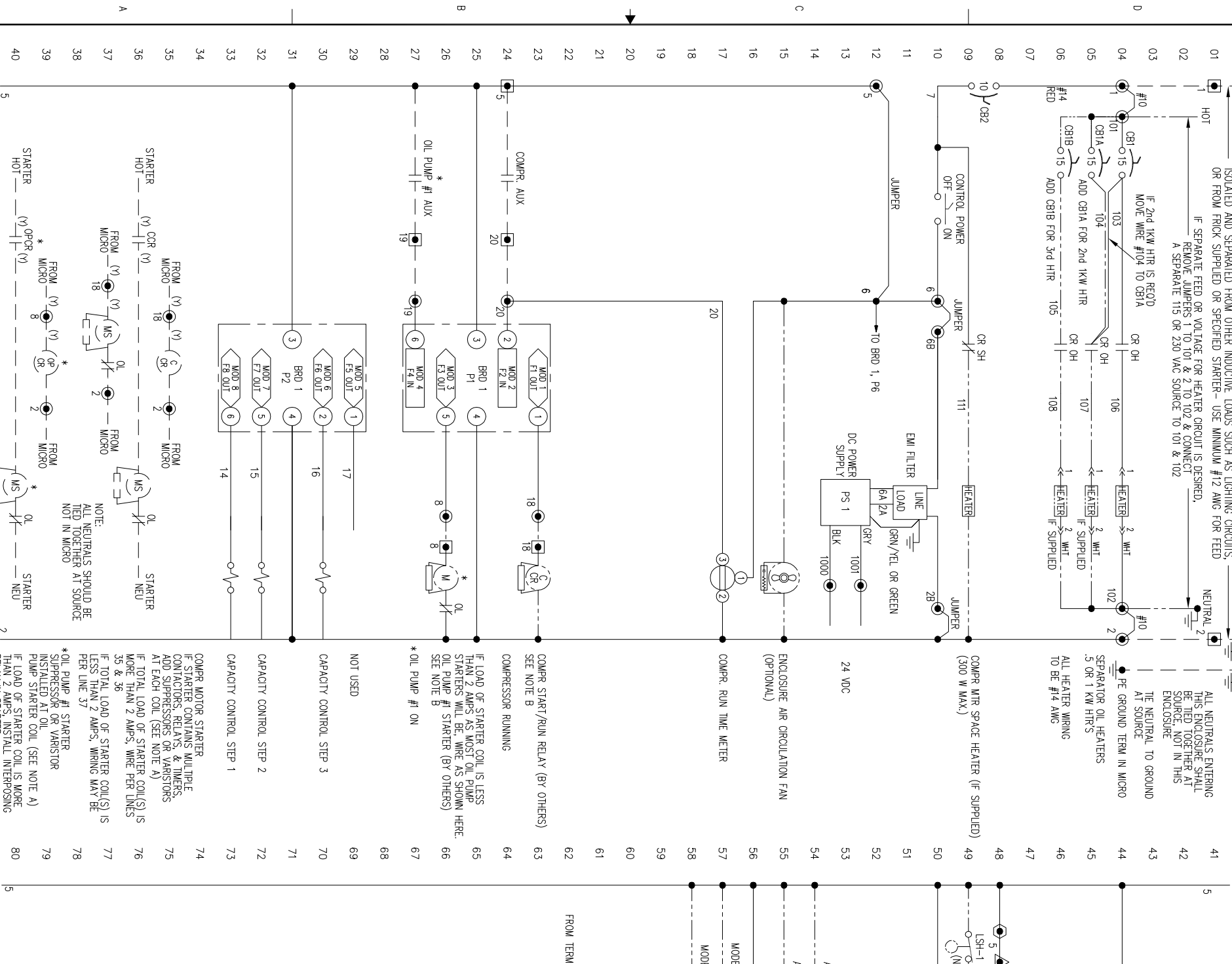
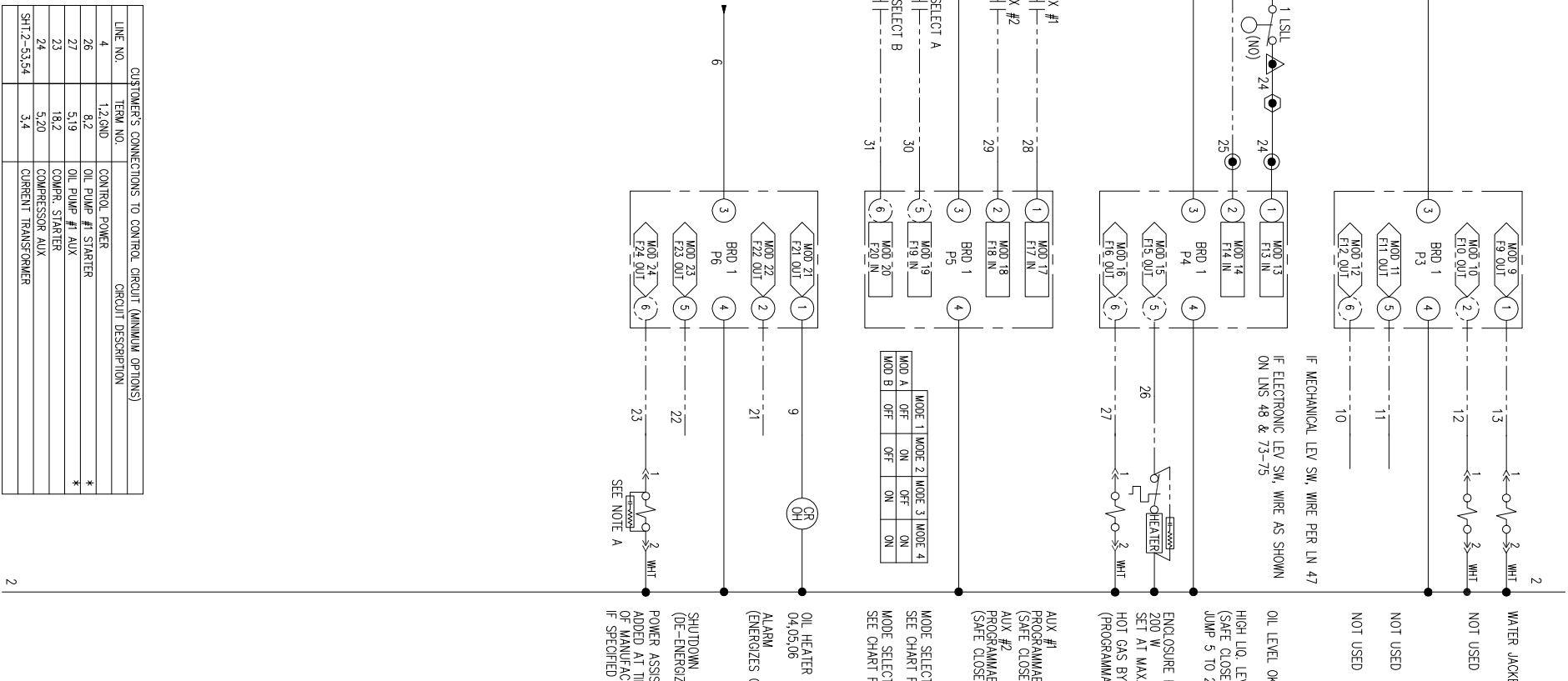
PURCHASER		NOTICE TO PURCHASER	
FRICK ORD NO.		REFER TO CONTRACT FOR MATERIAL TO BE SUPPLIED BY FRICK COMPANY. THE AMOUNT OF SUCH MATERIAL IS NOT INCREASED BY ANYTHING SHOWN UPON THIS DRAWING.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		York International Refrigeration - Frick Wynessboro, PA 17268	

FRICK ORD NO.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
00 NOT SCALE	

UNLESS OTHERWISE SPECIFIED TOLERANCES PER ASME Y14.5	
DEC. 31 ±.005	FRACT
F ±.01	ANG
DEC. 31 ±.005	ANG
F ±.01	ANG

DATE CODE	DATE CODE	DATE CODE
09-25-08	09-24-08	09-25-08
APPD J. LONG	CHK H. WINKEL	DR J. STOKSAGER

SCALE	SCALE
D 23587	D 23587



NOTE:
ALL NEUTRALS SHOULD BE TIED TOGETHER AT SOURCE
NOT IN MICRO

LINE NO.	ITEM NO.	CONTROL POWER CIRCUIT DESCRIPTION
4	1.2.GND	CONTROL POWER
26	5.12	OIL PUMP #1 STARTER
27	5.19	OIL PUMP #1 AUX
23	18.2	COMPR. STARTER
24	5.20	COMPRESSOR AUX
34	3.4	CURRENT TRANSFORMER