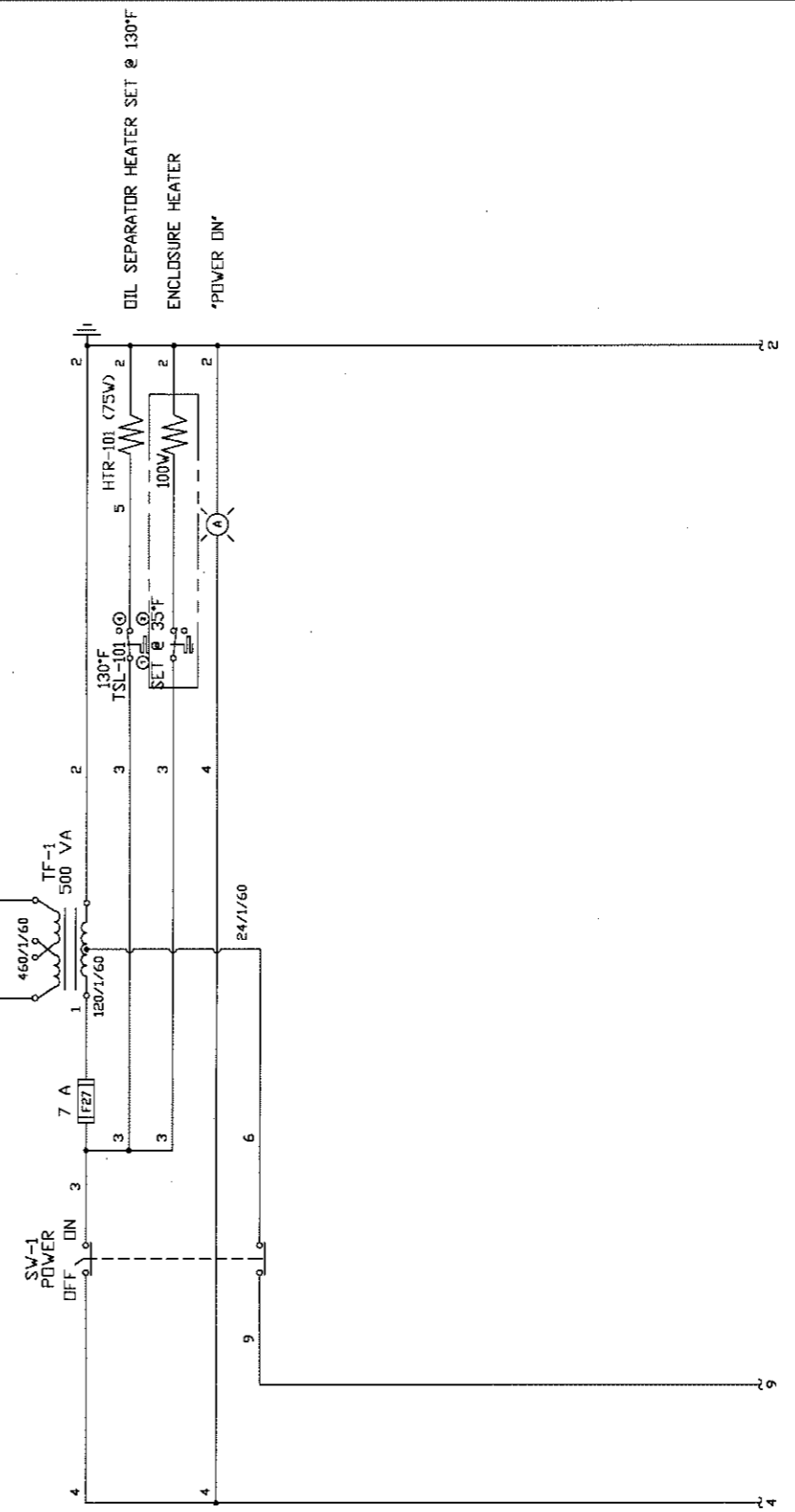


460 V
3 PH
60 HZ
FLA: 491 A
MCA: 713 A
MAX. FUSE SIZE: 75 A
GND

FANS CYCLING:

FAN #	1	2	3	4
C.I.	240	250	260	270
C.D.	210	220	230	240



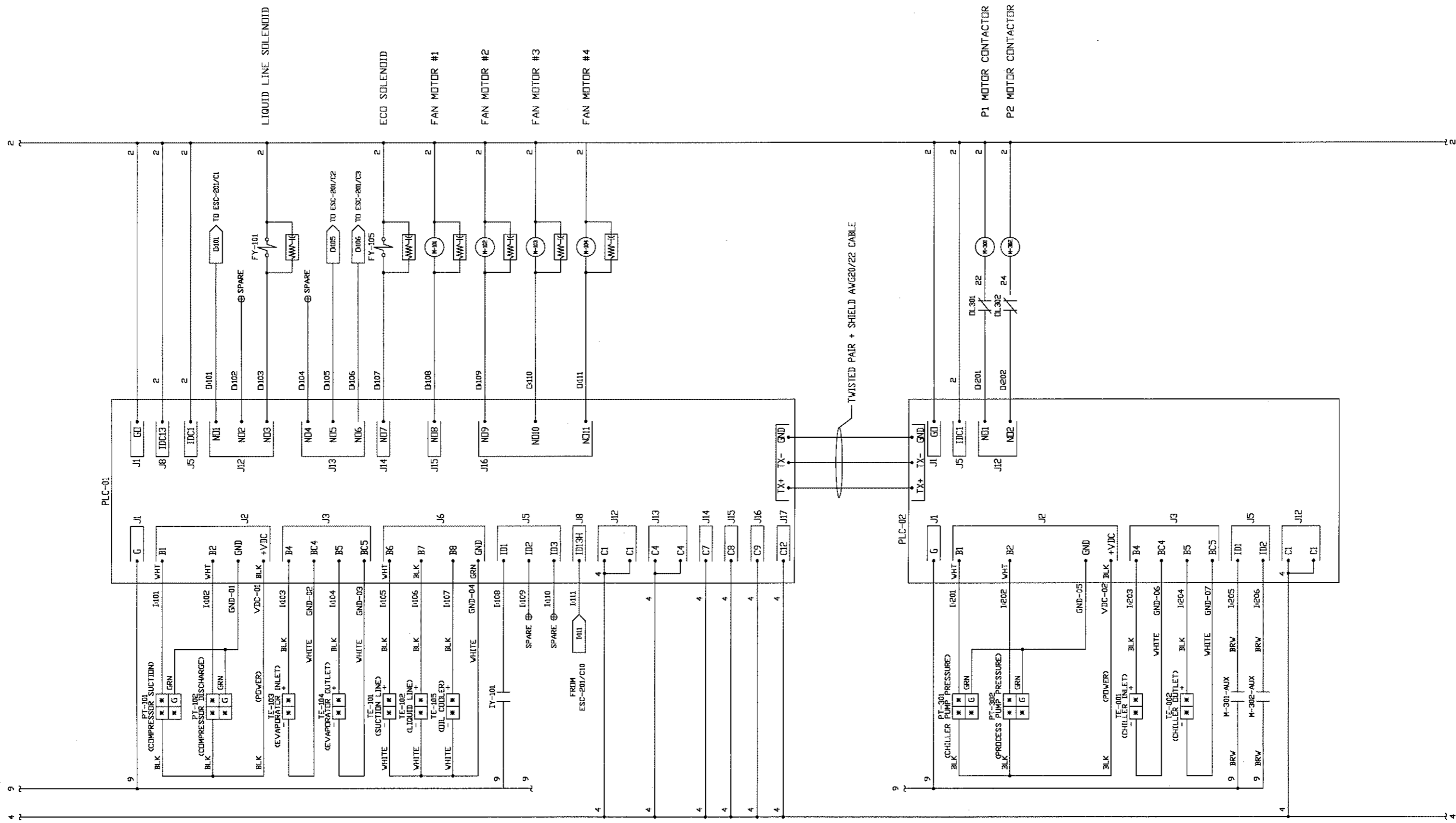
REV	DESCRIPTION	DATE	BY	APPD	SCALE	LINK#	APP#	DATE	LINK#	APP#
A	REVISED AS BUILT	11/17/06	DB	AP				07/20/06		

DESIGNED BY JS	DATE 07/20/06	SCALE NONE
DRAWN BY AP	DATE 07/20/06	
CHECKED BY JS	DATE 07/20/06	
APPROVED BY AP	DATE 07/20/06	
LINK# N/A	APP# N/A	

BUDZAR INDUSTRIES INC.
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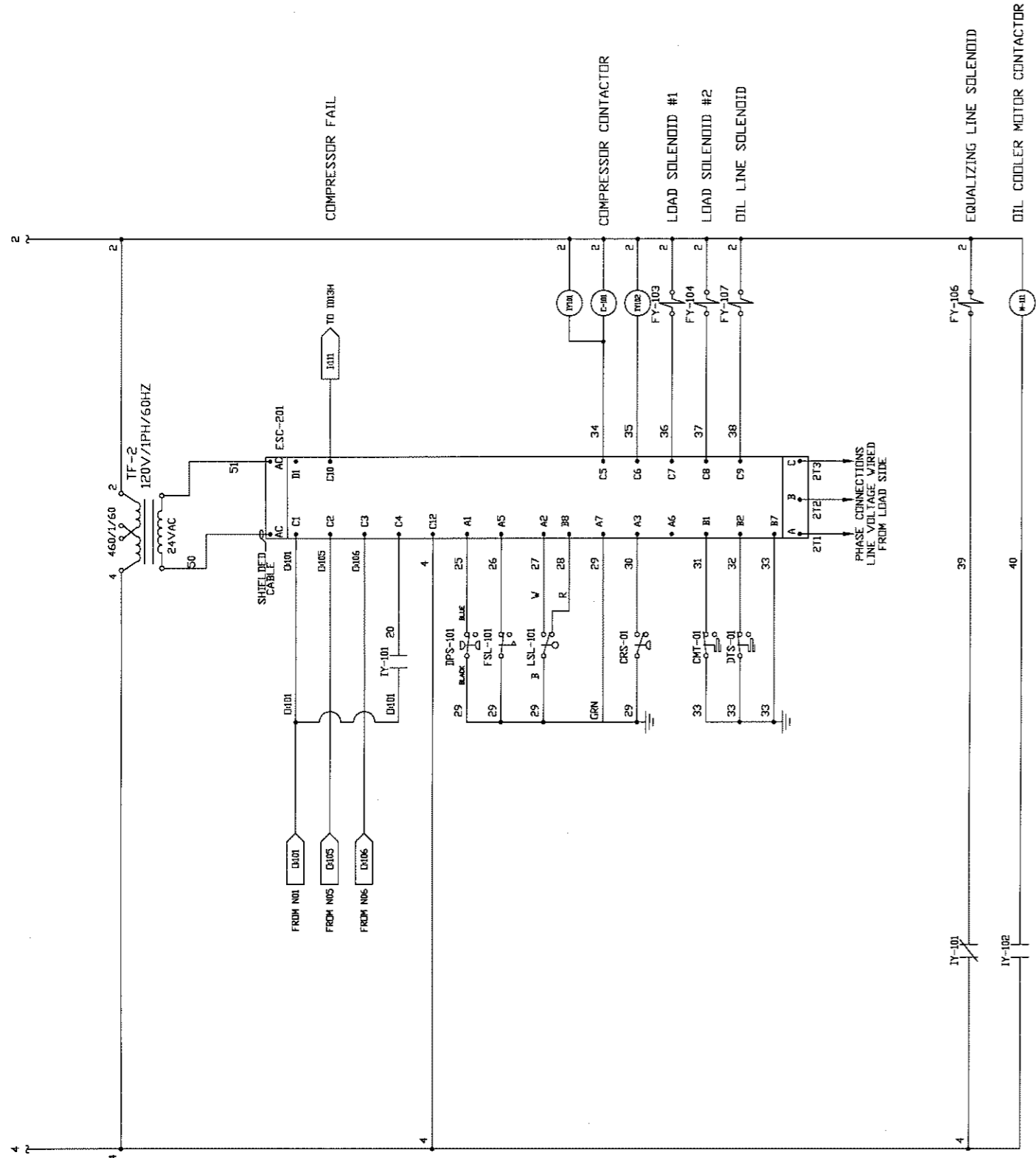
BIOSOURCE AMERICA	REFERENCE M11034-1-2-GA
ELECTRICAL SCHEMATIC	REFERENCE M11034-1-2-FW
LTA-10-SP	REFERENCE M11034-1-2-PS
SHEET 1 OF 3	REV D
200606-11034-1-2	

M11034-1-2-ES A



REV	DESCRIPTION	DATE	BY	APPD
A	REVISED AS BUILT	11/17/08	DB	AP

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BIOSOURCE AMERICA ELECTRICAL SCHEMATIC IFA-10-SP	REFERENCE M11034-1-2-GA REFERENCE M11034-1-2-FW REFERENCE M11034-1-2-PS SHEET 2 OF 3 DATE 07/20/08 SERIAL 200606-11034-1-2
DRAWN BY JS DATE 07/20/08 SCALE NONE APPD BY AP DATE 07/20/08 PROJECT NUMBER IFA10-SP N/A N/A N/A	M11034-1-2-ES



LEGEND

PDB	POWER DISTRIBUTION BLOCK	FY-103	LOADER SOLENOID VALVE 1
F1-F3	COMPRESSOR MOTOR FUSES	FY-104	LOADER SOLENOID VALVE 2
F4-F6	CHILLER PUMP MOTOR FUSES	FY-101	LIQUID LINE SOLENOID VALVE
F7-F9	PROCESS PUMP MOTOR FUSES	FY-105	EOL SUCTION LINE SOLENOID
F10-F21	CONDENSER FAN MOTOR FUSES	FY-106	EQUALIZING LINE SOLENOID VALVE
F22-F24	OIL COOLER FAN MOTOR FUSES	FY-107	OIL LINE SOLENOID VALVE
F25-F26	TRANSFORMER PRIMARY	SW-01	CONTROL SWITCH
F27	CONTROL FUSE	TY-101	CURRENT RELAY
C-101	COMPRESSOR CONTACTOR	TE-001	CHILLER INLET RTD PT1000
M-301, M-302	PUMP MOTOR CONTACTORS	TE-002	CHILLER OUTLET RTD PT1000
M-101 - M-104	FAN MOTOR CONTACTOR	TE-101	SUCTION TEMPERATURE THERMISTOR
M-111	OIL COOLER MOTOR CONTACTOR	TE-102	LIQUID TEMPERATURE THERMISTOR
OL101	COMPRESSOR MOTOR OVERLOAD	TE-103	EVAPORATOR INLET TEMPERATURE THERMISTOR
OL301, 302	PUMP MOTOR OVERLOAD	TE-104	EVAPORATOR OUTLET TEMPERATURE THERMISTOR
OL111	OIL COOLER MOTOR OVERLOAD	TF-1	TRANSFORMER
TSL-101	OIL THERMOSTAT	PT-301	CHILLER PUMP PRESSURE TRANSDUCER
HR-101	OIL SEPARATOR HEATER	PT-302	PROCESS PUMP PRESSURE TRANSDUCER
M-301-AUX	CHILLER PUMP MOTOR AUX		
M-302-AUX	PROCESS PUMP MOTOR AUX		

- NOTES:**
- 1) ALL CONDUCTORS COPPER INSULATED MTW, 105°C. CONTROL WIRING, 16 AWG.
- SETTINGS OF CONTROLS:**
- PLC SETTINGS:
 - HIGH PRESSURE CUTOFF SET @ 350 PSIG.
 - LOW PRESSURE CUTOFF SET @ 28 PSIG.
 - LOW TEMPERATURE CUTOFF SET @ -20°F

A		REVISED AS BUILT	11/17/06	DB	AP	DATE	07/20/06	SCALE	NONE	REVISION	1	DESCRIPTION	REVISED	M11034-1-2-GA
REV		DESCRIPTION	DATE	BY	APPD	DATE	07/20/06	SCALE	NONE	REVISION	2	DESCRIPTION	REVISED	M11034-1-2-FW
										REVISION	3	DESCRIPTION	REVISED	M11034-1-2-PS
										REVISION	4	DESCRIPTION	REVISED	M11034-1-2-ES



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BIOSOURCE AMERICA
ELECTRICAL SCHEMATIC
LTA-10-SF

DATE: 07/20/06
SCALE: NONE
REVISION: 1
DESCRIPTION: REVISED M11034-1-2-GA