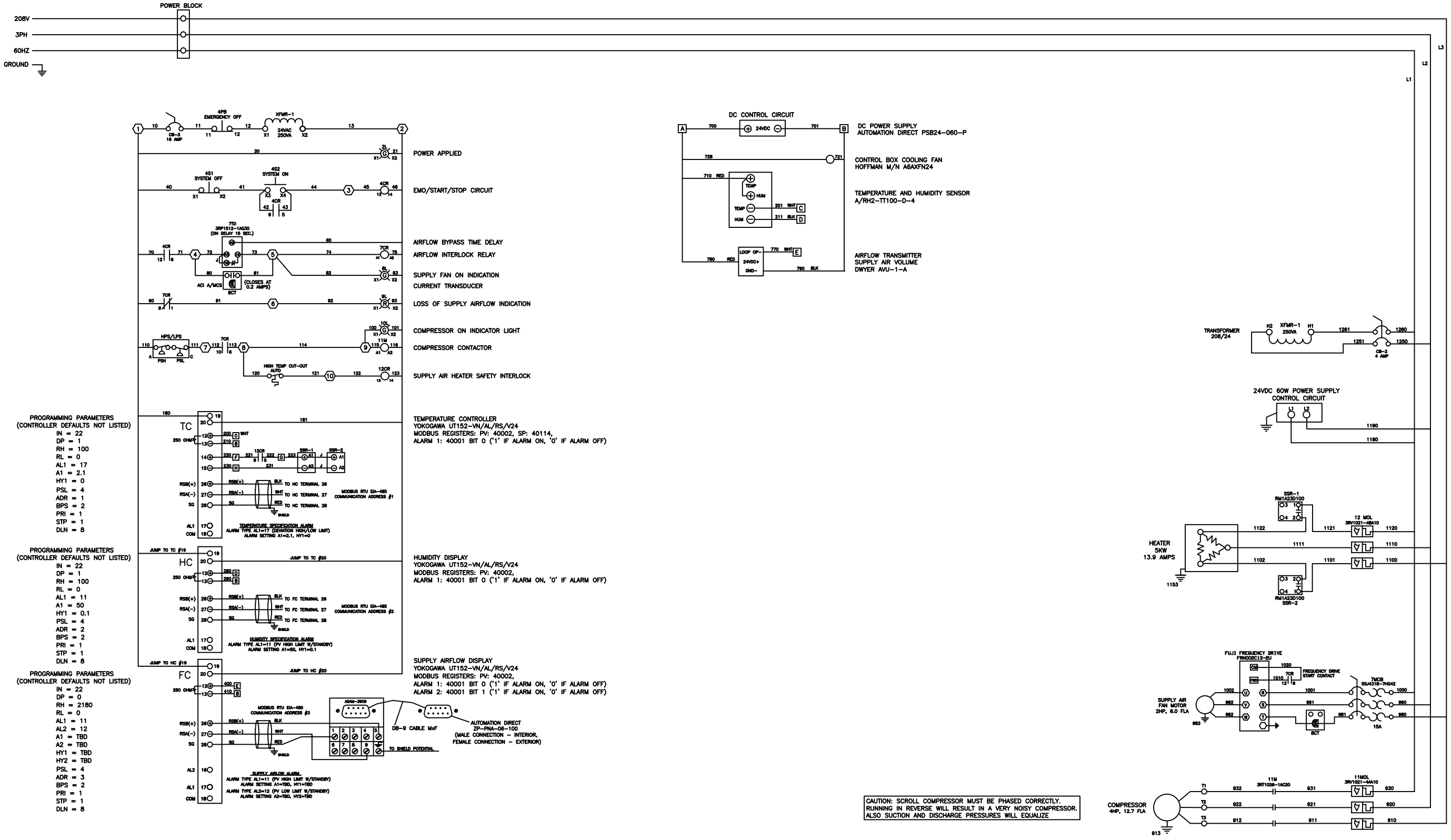

CAUTION: SCROLL COMPRESSOR MUST BE PHASED CORRECTLY. RUNNING IN REVERSE WILL RESULT IN A VERY NOISY COMPRESSOR. ALSO SUCTION AND DISCHARGE PRESSURES WILL EQUALIZE

ELECTRICAL DATA

FLA	35.0
MCA	41.7
MOP	50.9

LEGEND :

AUX	CONTACTOR AUXILLARY CONTACT
COM	COMMON
CR	CONTROL RELAY
CT	CURRENT TRANSDUCER
DM	DAMPER MOTOR
FC	AIRFLOW CONTROLLER
FS	FLOAT SWITCH
HC	HUMIDITY CONTROLLER
HPS	HIGH PRESSURE CUT-OUT
L	LIGHT (GREEN=ON, RED=OFF)
LPS	LOW PRESSURE CUT-OUT
M	CONTACTOR
MA	MILLIAMP
MCB	MINIATURE CIRCUIT BREAKER
MOL	MOTOR OVERLOAD
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
PB	PUSH BUTTON SWITCH
PC	STATIC PRESSURE CONTROLLER
PS	PRESSURE SWITCH
S	SWITCH
SSR	SOLID STATE RELAY
TC	TEMPERATURE CONTROLLER
TD	TIME DELAY
TSH	MOTOR WINDING THERMOSTAT
XFMR	TRANSFORMER

⬡ TERMINAL BLOCK PRIMARY PANEL

□ TERMINAL BLOCK VOLTS DC

WIRE COLOR CODING :

RED	24VAC
BLACK	110VAC HOT
WHITE	110VAC NEUTRAL
BLUE	24VDC
BLACK	HIGH VOLTAGE

—·—·— FIELD WIRING

– – – – – REMOTE DEVICE

PROGRAMMING PARAMETERS (CONTROLLER DEFAULTS NOT LISTED)
IN = 22
DP = 1
RH = 100
RL = 0
AL1 = 17
A1 = 2.1
HY1 = 0
PSL = 4
ADR = 1
BPS = 2
PRI = 1
STP = 1
DLN = 8

PROGRAMMING PARAMETERS (CONTROLLER DEFAULTS NOT LISTED)
IN = 22
DP = 1
RH = 100
RL = 0
AL1 = 11
A1 = 50
HY1 = 0.1
PSL = 4
ADR = 2
BPS = 2
PRI = 1
STP = 1
DLN = 8

PROGRAMMING PARAMETERS (CONTROLLER DEFAULTS NOT LISTED)
IN = 22
DP = 0
RH = 2180
RL = 0
AL1 = 11
AL2 = 12
A1 = TBD
A2 = TBD
HY1 = TBD
HY2 = TBD
PSL = 4
ADR = 3
BPS = 2
PRI = 1
STP = 1
DLN = 8

PHONE : 315-452-7400
FAX : 315-452-7420

SCALE:

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CLEANROOM SYSTEMS INC.
7000 PERFORMANCE DR., N. SYRACUSE N.Y. 13212

	INITIAL	DATE
DRAWN BY	MK	8/24/12
CHECKED		
APPROVED		

TITLE

BROOKHAVEN N.L. ECU ELECTRICAL SCHEMATIC

MATERIAL

DWG. BROOKHAVEN N.L. ECU ELECTRICAL SCHEMATIC.DWG

REV. C

1 OF 1

REV			REV					
A	REMOVED ALARM LIGHTS AND UPDATED ELECTRICAL DATA	MK 8/29/12	C	"AS BUILT" REVISIONS	JFS 11/26/12			
B	ADDED CONTROLLER PARAMETERS	MK 11/14/12						