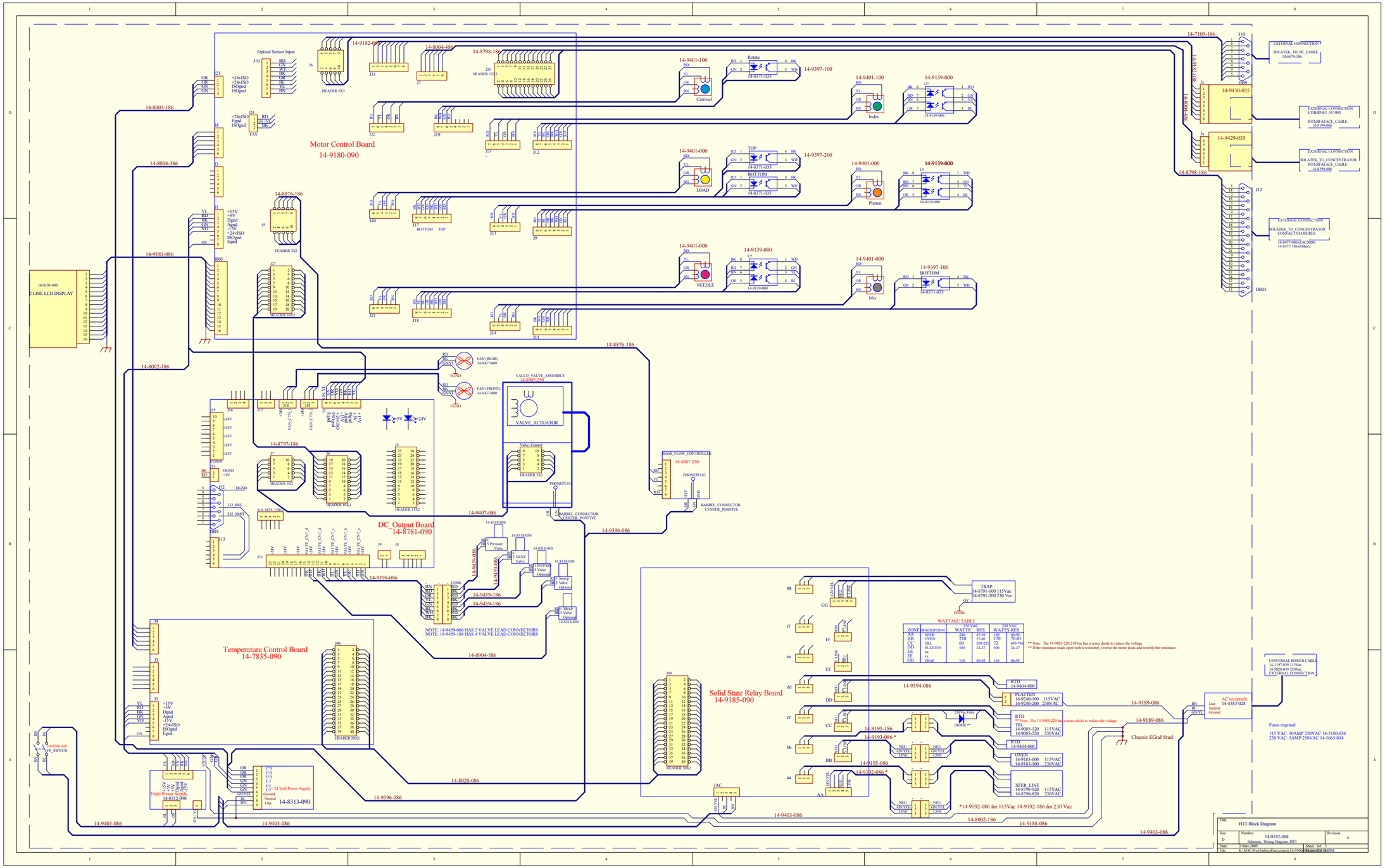
Motor Control Board
14-9180-090
DC_Output Board
14-8781-090
Temperature Control Board
14-7835-090
Solid State Relay Board
14-9185-090
14-8191-000
2 LINE LCD DISPLAY
Optical Sensor Input
HEADER 5X2
HEADER 10X2
HEADER 13X2
HEADER 20X2
Carrosel
Rotate
Index
LOAD
TOP
BOTTOM
Platten
NEEDLE
Mix
VALCO_VALVE_ASSEMBLY
14-8907-250
VALVE_ACTUATOR
MASS_FLOW_CONTROLLER
PHONEPLUG
BARREL_CONNECTOR CENTER_POSITIVE
FAN (REAR) 14-9437-000
FAN (FRONT) 14-9437-000
EXTERNAL CONNECTION 1
SOLATEK_TO_PC_CABLE 14-6679-186
EXTERNAL CONNECTION ETHERNET 10/100T
INTERFACE_CABLE 14-9199-086
EXTERNAL CONNECTION
SOLATEK_TO_CONCENTRATOR INTERFACE_CABLE 14-8390-086
EXTERNAL CONNECTION
SOLATEK_TO_CONCENTRATOR CONTACT CLOSURES
14-8477-086 (LSC2000)
14-8477-186 (Other)
DB25
14-9430-035
14-9429-035
14-9298-028
TP_SWITCH
Triple Power Supply
14-8312-090
14-8313-090
+ 24 Volt Power Supply
Ground
Neutral
Line
TRAP
14-8791-100 115Vac
14-8791-200 230 Vac
WATTAGE TABLE
ZONE DESCRIPTION 115 VAC WATTS RES 230 VAC WATTS RES
AA XFER 280 47-59 150 80-92
BB OVEN 210 57-66 170 70-81
CC TRL 60 209-231 72 693-766
DD PLATTEN 500 24-27 500 24-27
EE sx
FF sx
GG TRAP 150 80-92 150 80-92
** Note: The 14-9085-220 230Vac has a series diode to reduce the voltage
** If the resistance reads open with a voltmeter, reverse the meter leads and reverify the resistance.
RTD 14-9404-000
PLATTEN 14-9240-100 115VAC 14-9240-200 230VAC
RTD 14-9085-120 115VAC 14-9085-220 230VAC
RTD 14-9404-000
OVEN 14-9183-000 115VAC 14-9183-100 230VAC
XFER_LINE 14-8790-920 115VAC 14-8790-820 230VAC
*14-9192-086 for 115Vac 14-9192-186 for 230 Vac
Chassis EGnd Stud
UNIVERSAL POWER CABLE
14-1197-039 115Vac
14-5028-039 230Vac
EXTERNAL CONNECTION
AC receptacle
14-4383-028
Fuses required:
115 VAC: 10AMP 250VAC 14-5180-034
230 VAC: 5AMP 250VAC 14-5665-034
HT3 Block Diagram
14-9192-088
Schmatic, Wiring Diagram, HT3
2-Mar-2005
Sheet 3of