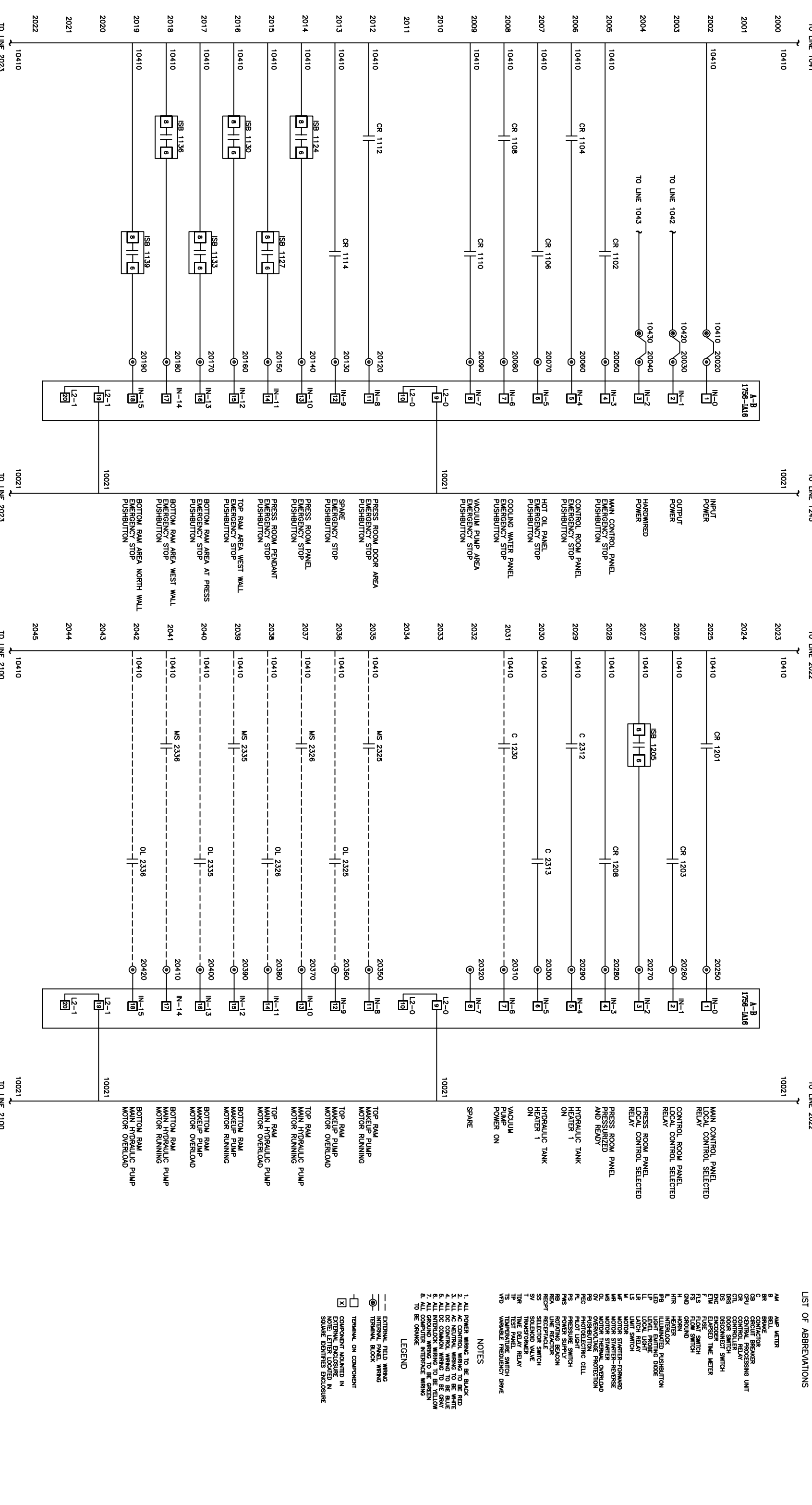


120 VAC INPUT RACK 1 SLOT 2

120 VAC INPUT RACK 1 SLOT 3



LIST OF ABBREVIATIONS

- AM AMP METER
- B BELL
- BR BRAKE
- C CONTROL
- CR CONTROL RELAY
- GPU GRAPHIC USER INTERFACE
- GRU GRAPHIC RELAY UNIT
- CTL CONTROL
- DS DISCONNECT SWITCH
- ENC ENCODER
- EM EMERGENCY STOP
- F FLOW SWITCH
- FIS FLOW SWITCH
- FLT FLOW SWITCH
- GRND GROUND
- HRT HEATER
- INT INTERLOCK
- ILL ILLUMINATED PUSHBUTTON
- LP LEVEL PROBE
- LR LATCH RELAY
- LS LATCH RELAY
- M MOTOR
- MF MOTOR STARTER-FORWARD
- MR MOTOR STARTER-REVERSE
- MT MOTOR THERMAL OVERLOAD
- OV OVERVOLTAGE PROTECTION
- PC PRESSURE CELL
- PLC PRESSURE SWITCH
- PS PRESSURE SWITCH
- PT POWER SUPPLY
- RA ROTARY BEAK
- REB RECEPTACLE
- RECP RECEPTACLE
- SS SELECTOR SWITCH
- SV SOLENOID VALVE
- TRP TRIP
- TP TEST PANEL
- TS TEMPERATURE SWITCH
- VFD VARIABLE FREQUENCY DRIVE

NOTES

1. ALL POWER WIRING TO BE BLACK
2. ALL AC CONTROL WIRING TO BE RED
3. ALL DC CONTROL WIRING TO BE WHITE
4. ALL DC COMMON WIRING TO BE BRN
5. ALL DC COMMON WIRING TO BE GRAY
6. ALL INTERLOCK WIRING TO BE YELLOW
7. ALL GROUND WIRING TO BE GREEN
8. TO BE ORANGE

LEGEND

- EXTERNAL FIELD WIRING
- INTERNAL PANEL WIRING
- TERMINAL BLOCK
- ☐ TERMINAL ON COMPONENT
- ☑ COMPONENT MOUNTED IN EXTERNAL ENCLOSURE
- NOTE: LETTER LOCATED IN SQUARE IDENTIFIES ENCLOSURE



DATE:	09/15/01	SHEET NUMBER:	20 OF 99
DESCRIPTION:	AFRL/INMHE HERD FACILITY 500 TON PRESS MAIN CONTROL PANEL AC INPUT I/O WIRING DIAGRAM		
DESIGNED BY:	ACT	DATE:	06/02
APPROVED BY:	ACT	DATE:	10/01
REVISION:	2135-MCP-020E		