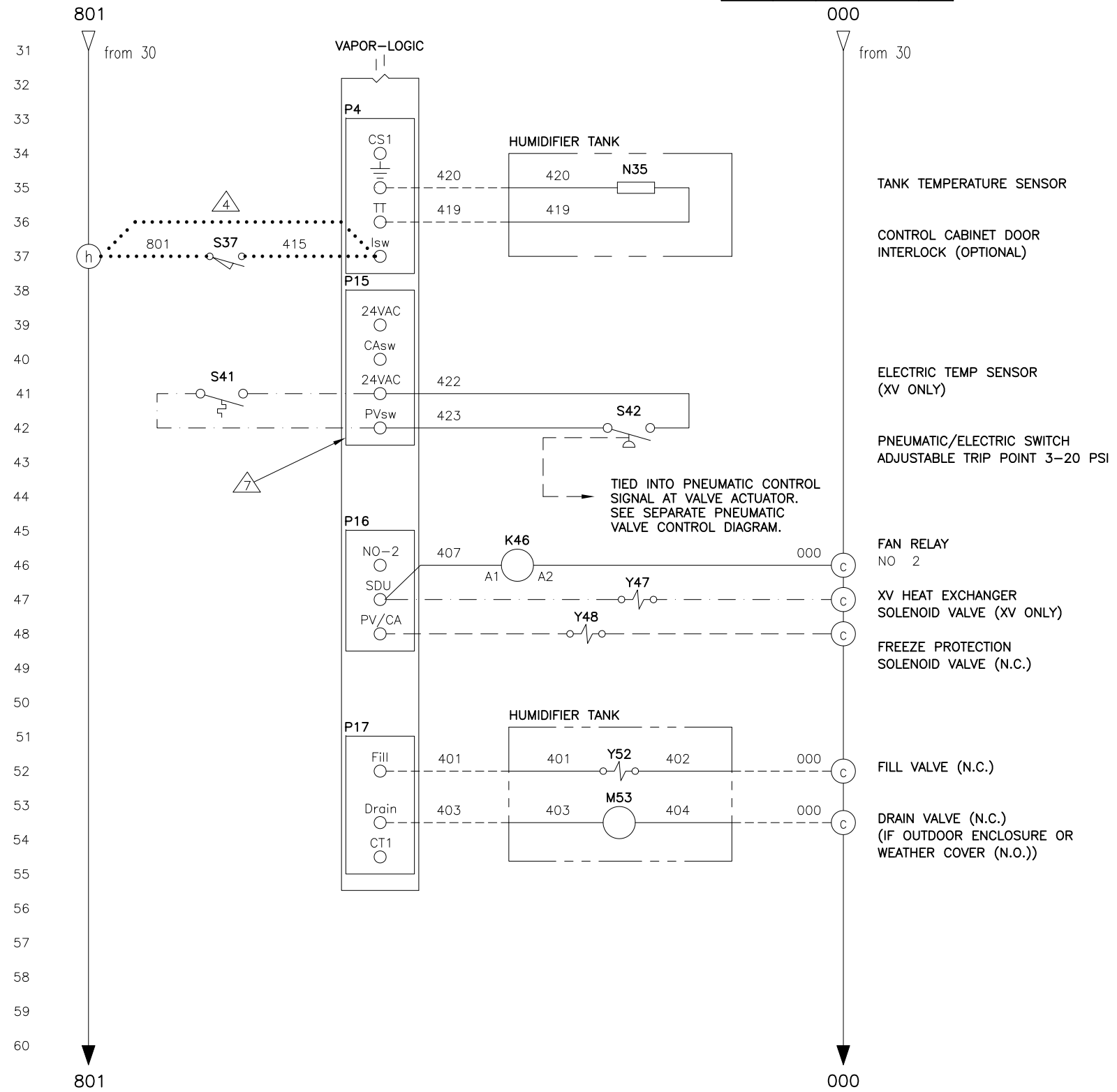
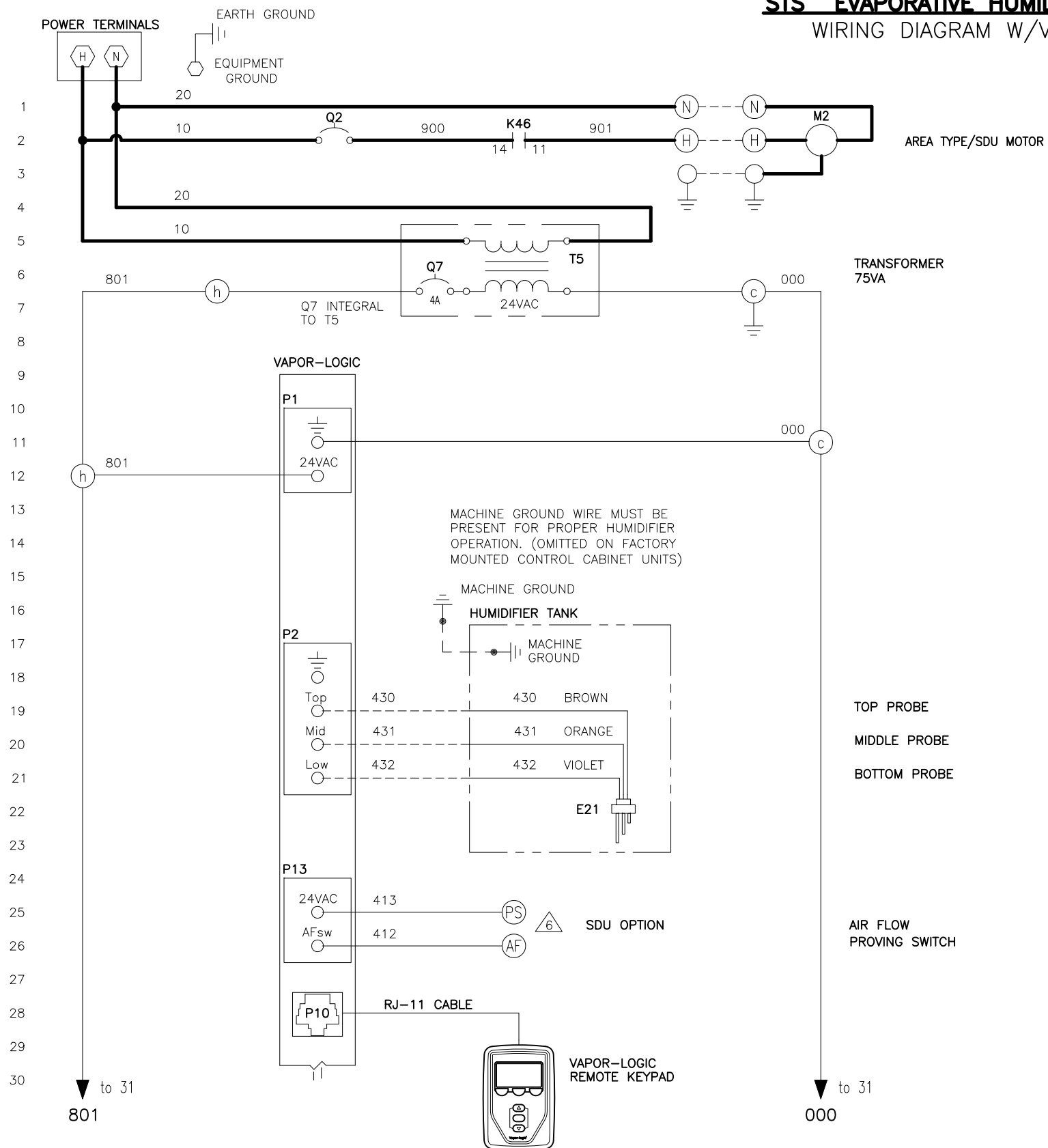


STS[®] EVAPORATIVE HUMIDIFIER WIRING DIAGRAM W/VL[®]

DATE	REV	RECORD	DR
7/15	A	E.C.# 6381	JK
11/17	B	E.C.# 6630	JK
4/18	C	E.C.# 6686	JK



POWER WIRING
CONTROL CIRCUIT WIRING
FIELD WIRING
OPTIONAL FACTORY
OPTIONAL FIELD

- NOTES:**
1. WIRING AND BRANCH CIRCUIT PROTECTION PROVIDED BY INSTALLER AS PER NATIONAL ELECTRICAL CODE.
 2. FOR SUPPLY AND MACHINE GROUND CONNECTIONS, SIZE WIRE USING 75°C WIRE TABLE PER NATIONAL ELECTRICAL CODE.
 3. USE COPPER CONNECTORS RATED FOR 105°C.
 4. IF THE INTERLOCK SWITCH IS NOT USED, THEN WIRE DIRECTLY TO TERMINAL SWITCH.

5. REFER TO STS ELECTRICAL DATA SHEET.
- ⚠️ FIELD WIRING REQUIRED BETWEEN SDU CABINET AND STS TERMINAL STRIPS FOR PROPER OPERATION OF SDU BLOWER AND AIR FLOW PROVING SWITCH.
- ⚠️ REMOVE SHUNT J404 FROM BOARD IF USING OPTIONAL ACCESSORY

BREAK TO EXTERNAL CONNECTIONS DIAGRAM

LEGEND

K	RELAY/CONTACTOR	Y	SOLENOID
T	TRANSFORMER	N	SENSOR
Q	CIRCUIT BREAKER	J	JUMPER
S	SWITCH	E	WATER PROBE
H	HEATER	M	MOTOR/FAN

		STS, STD WATER PNEUMATIC ACTUATOR AREA-TYPE/SDU WIRING DIAGRAM	
		MAT'L:	P/N
SCALE:	JK	STS-VL-15	
DATE: 7/13/15			