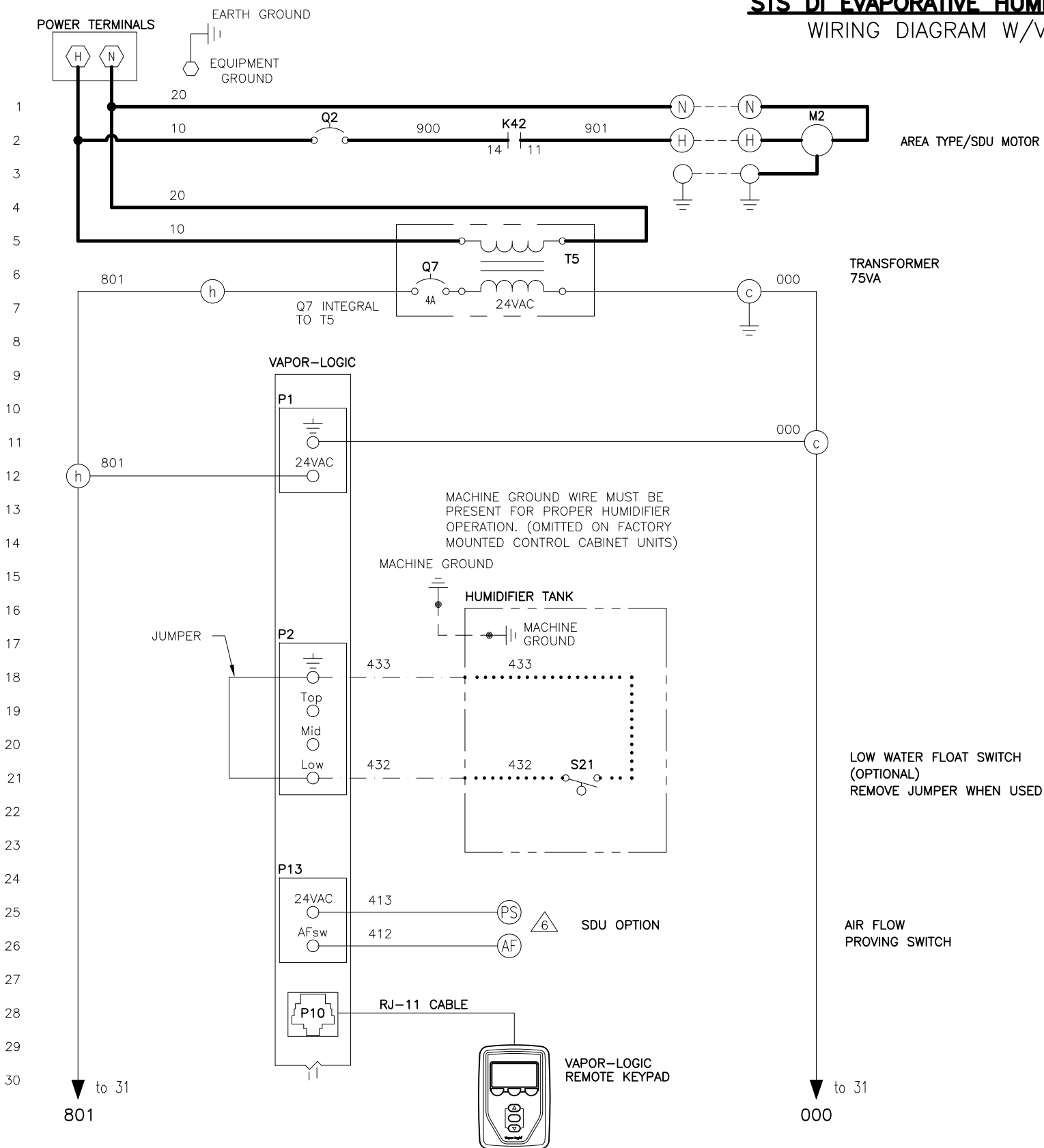


# STS® DI EVAPORATIVE HUMIDIFIER WIRING DIAGRAM W/VL®

DATE	REV	RECORD	DR
7/15	A	E.C.# 6381	JK
11/17	B	E.C.# 6630	JK
5/18	C	E.C.# 6686	JK



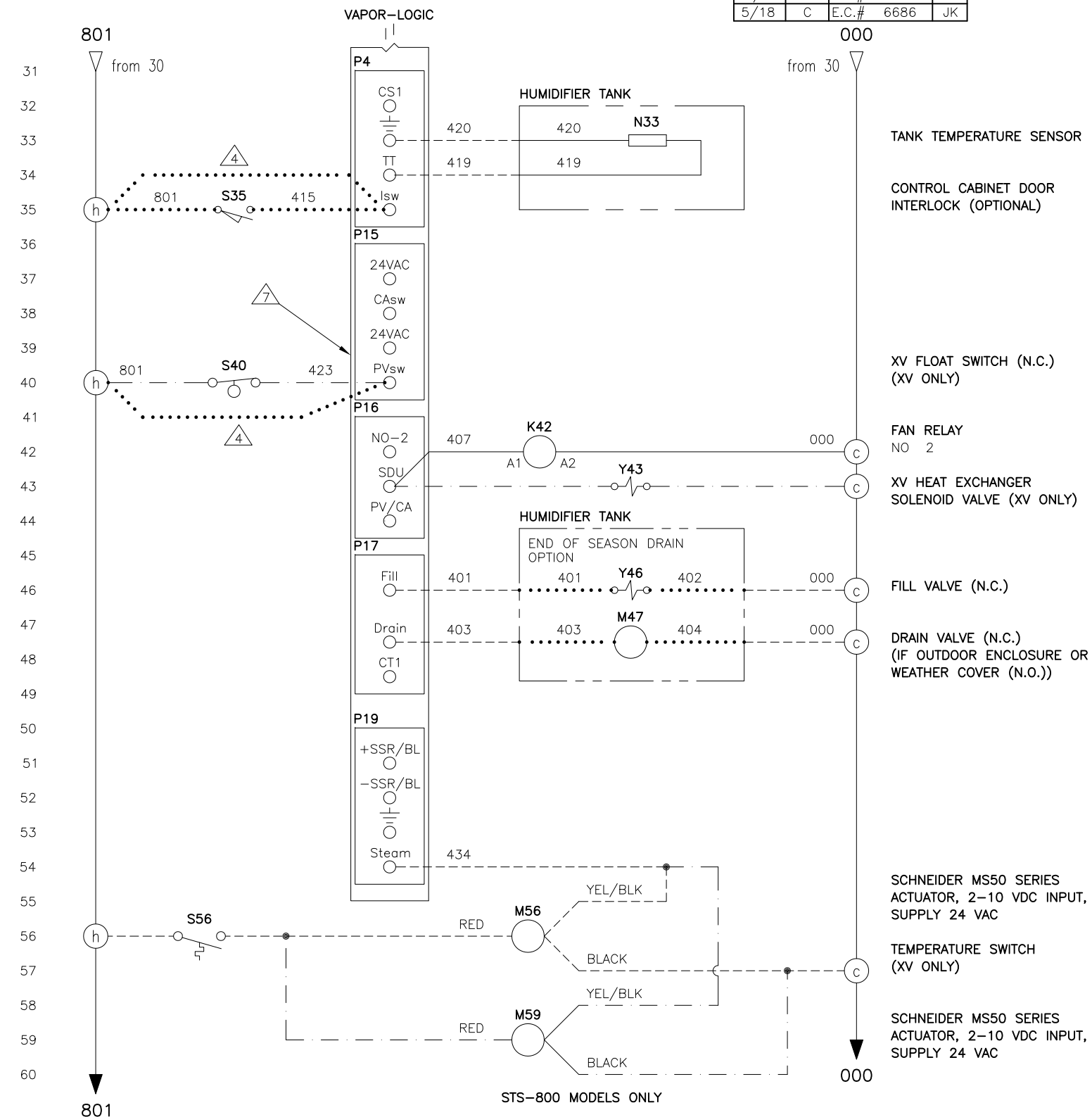
**POWER WIRING**  
CONTROL CIRCUIT WIRING  
**FIELD WIRING**  
OPTIONAL FACTORY  
OPTIONAL FIELD

**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 SWITCH IS NOT USED, THEN WIRE DIRECTLY TO TERMINAL SWITCH.

5. REFER TO STS ELECTRICAL DATA SHEET.

- 6. FIELD WIRING REQUIRED BETWEEN SDU CABINET AND STS TERMINAL STRIPS FOR PROPER OPERATION OF SDU BLOWER AND AIR FLOW PROVING SWITCH.
- 7. 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, DI WATER, ELECTRIC ACTUATOR AREA-TYPE/SDU WIRING DIAGRAM	
		MAT'L:	P/N
SCALE:	DATE: 7/13/15	STS-VL-18	