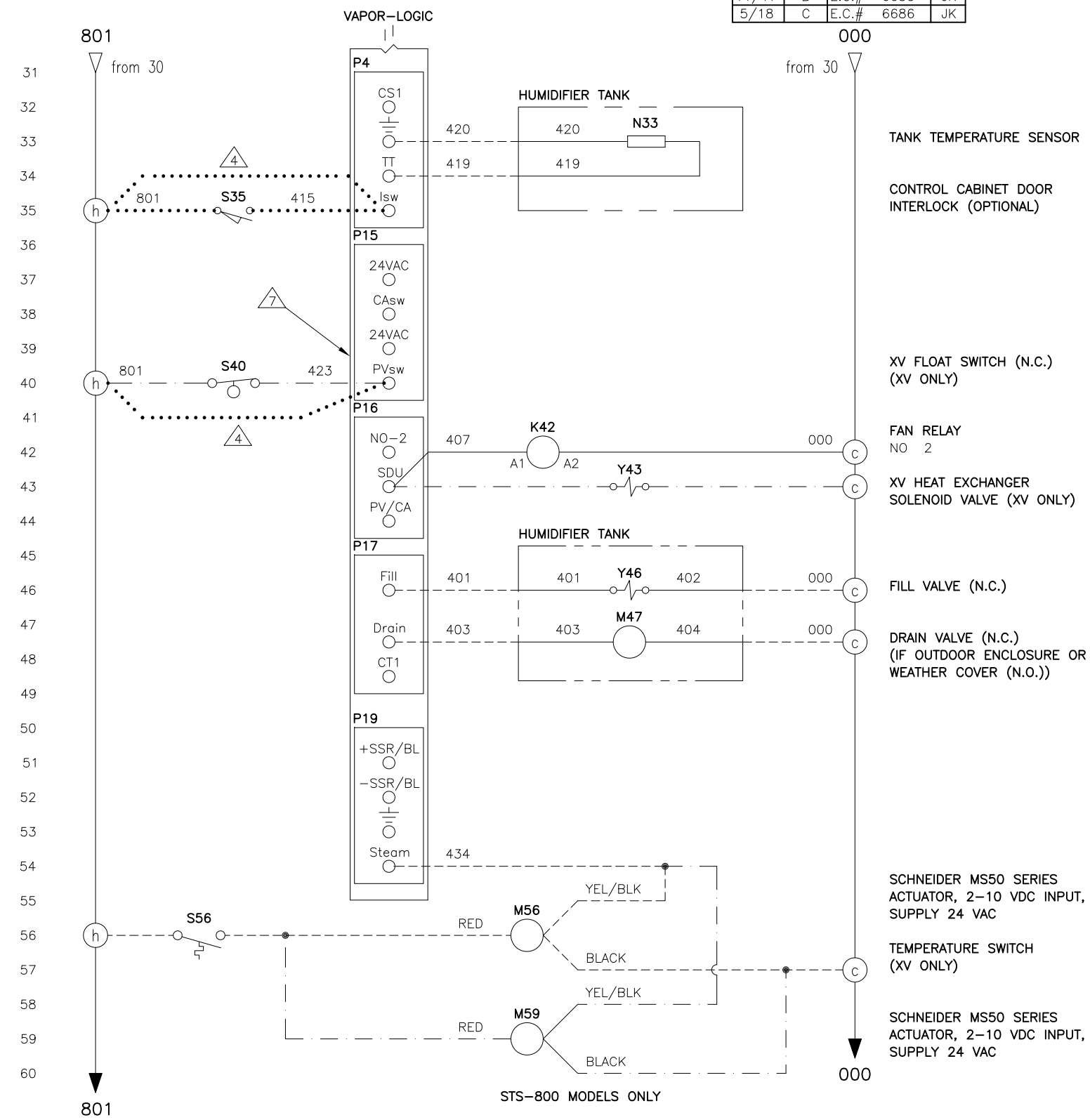
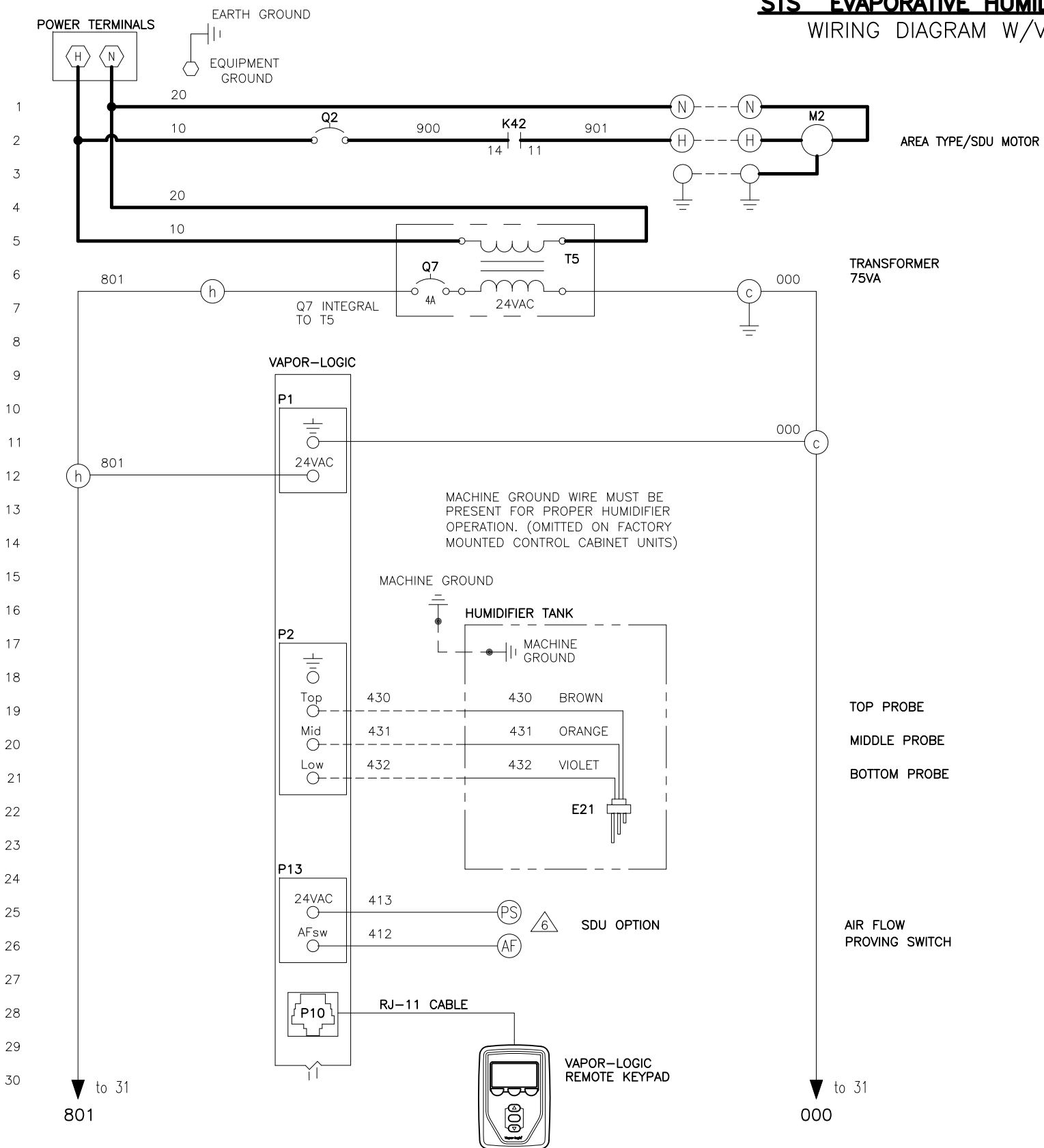


# STS® EVAPORATIVE HUMIDIFIER WIRING DIAGRAM W/VL®

DATE	REV	RECORD	DR
7/15	A	E.C.# 6381	JK
11/17	B	E.C.# 6630	JK
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, STANDARD WATER, ELECTRIC ACTUATOR AREA-TYPE/SDU WIRING DIAGRAM	
		MAT'L:	P/N
SCALE:	DATE: 7/13/15	STS-VL-17	
DRAWN BY: JK			