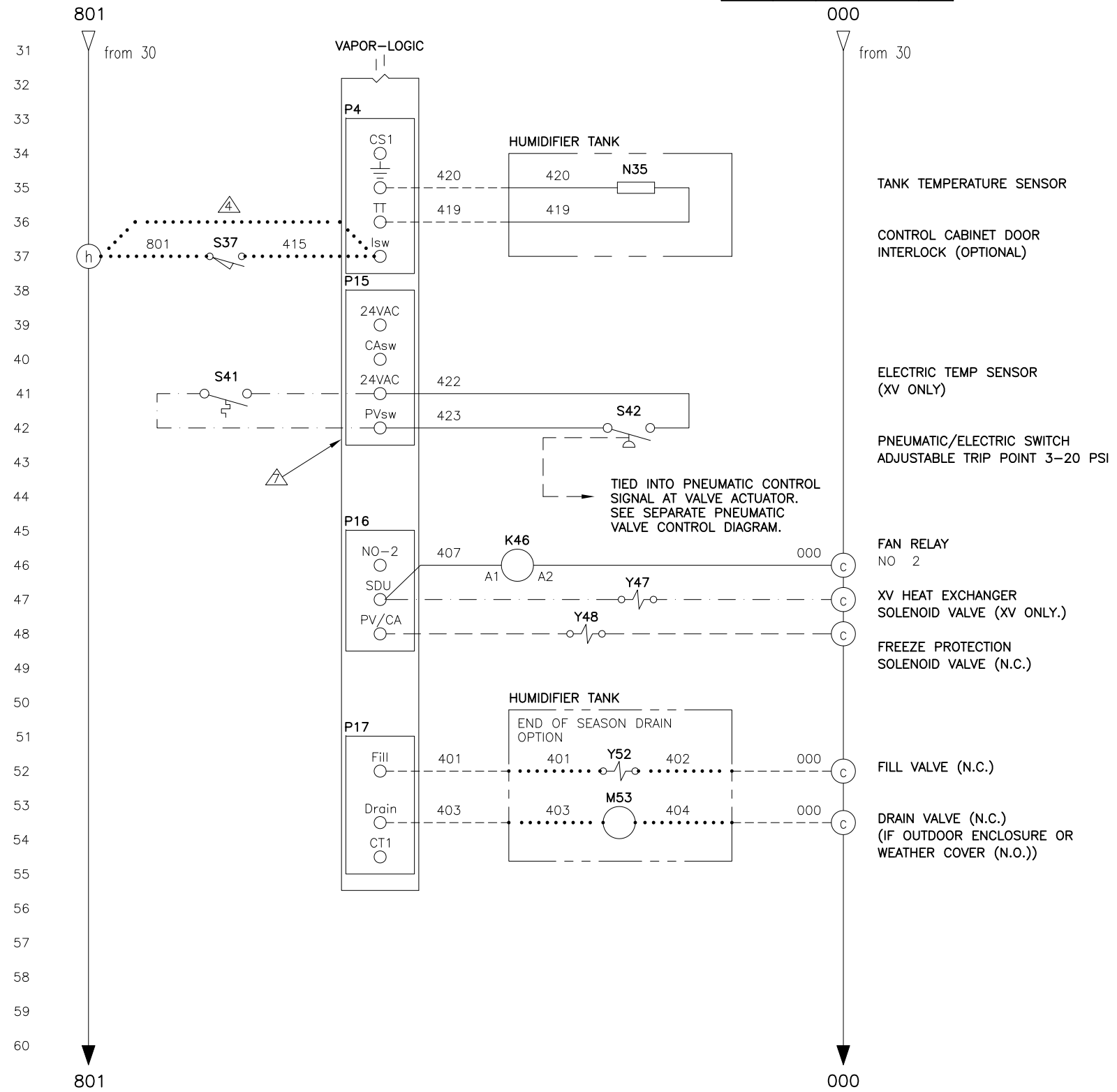
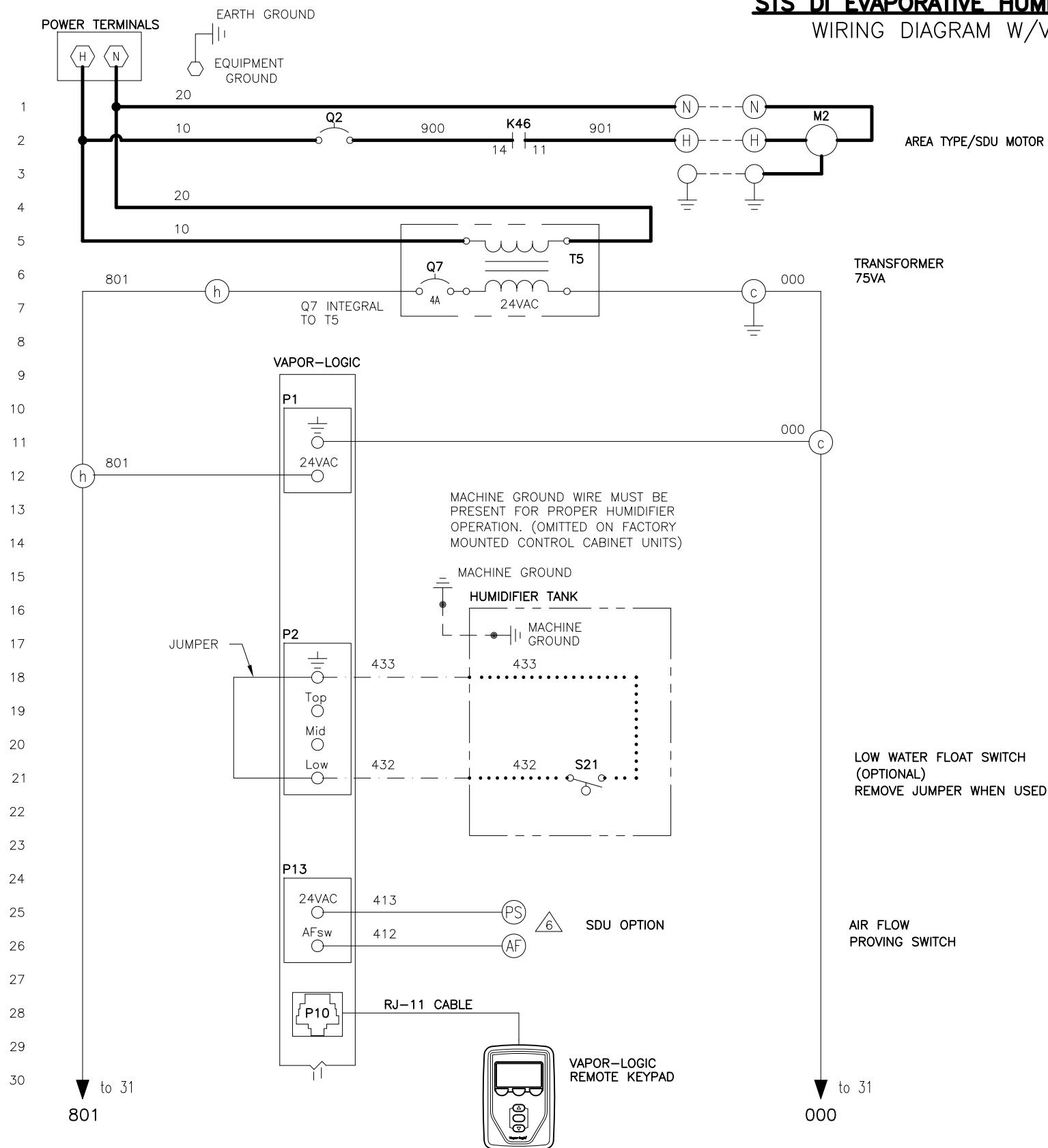


STS® DI EVAPORATIVE HUMIDIFIER WIRING DIAGRAM W/VL®

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 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, DI WATER PNEUMATIC ACTUATOR AREA TYPE/SDU WIRING DIAGRAM

MAT'L:

SCALE: P/N

DRAWN BY: JK STS-VL-16

DATE: 7/13/15