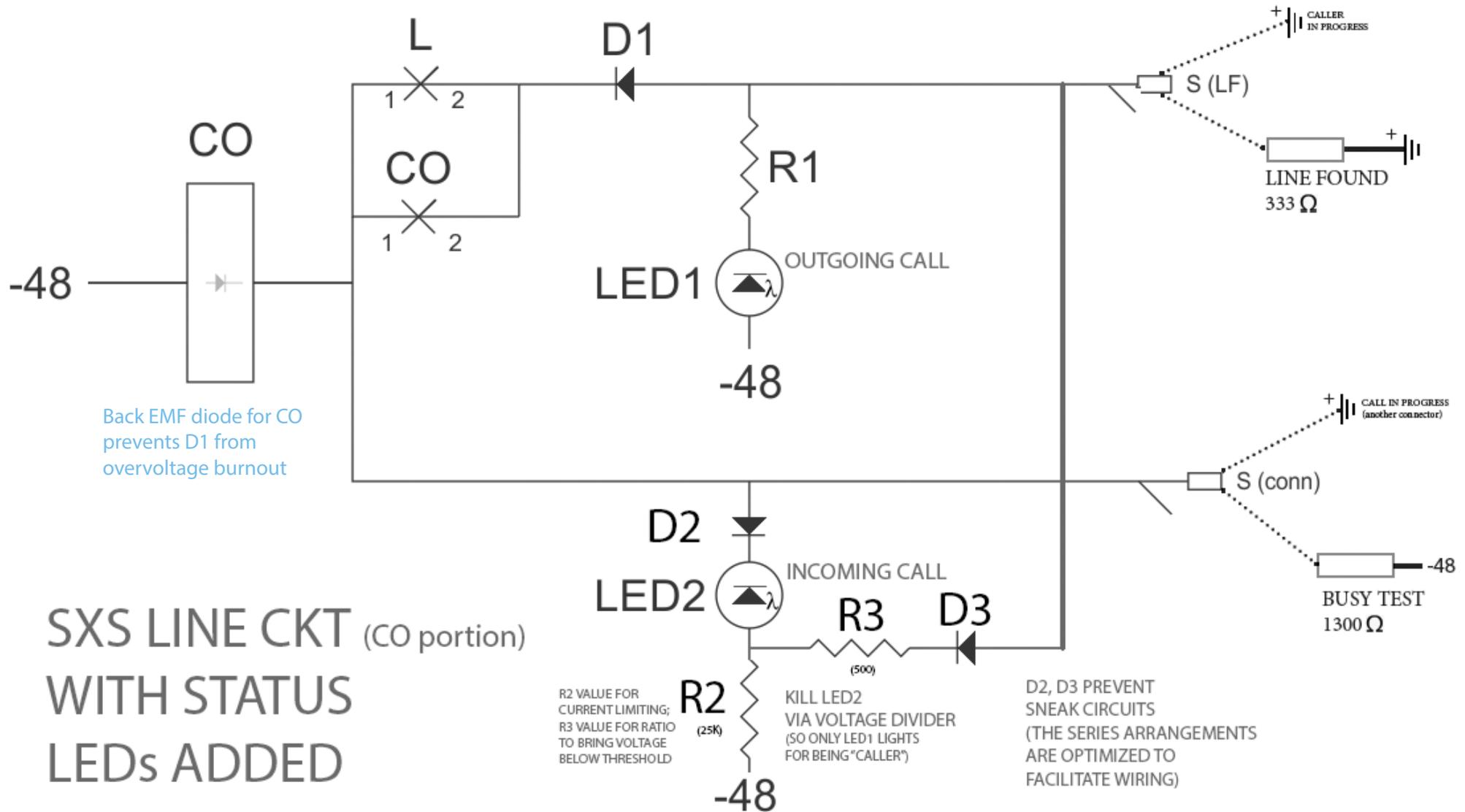


LINE IDLE



Back EMF diode for CO prevents D1 from overvoltage burnout

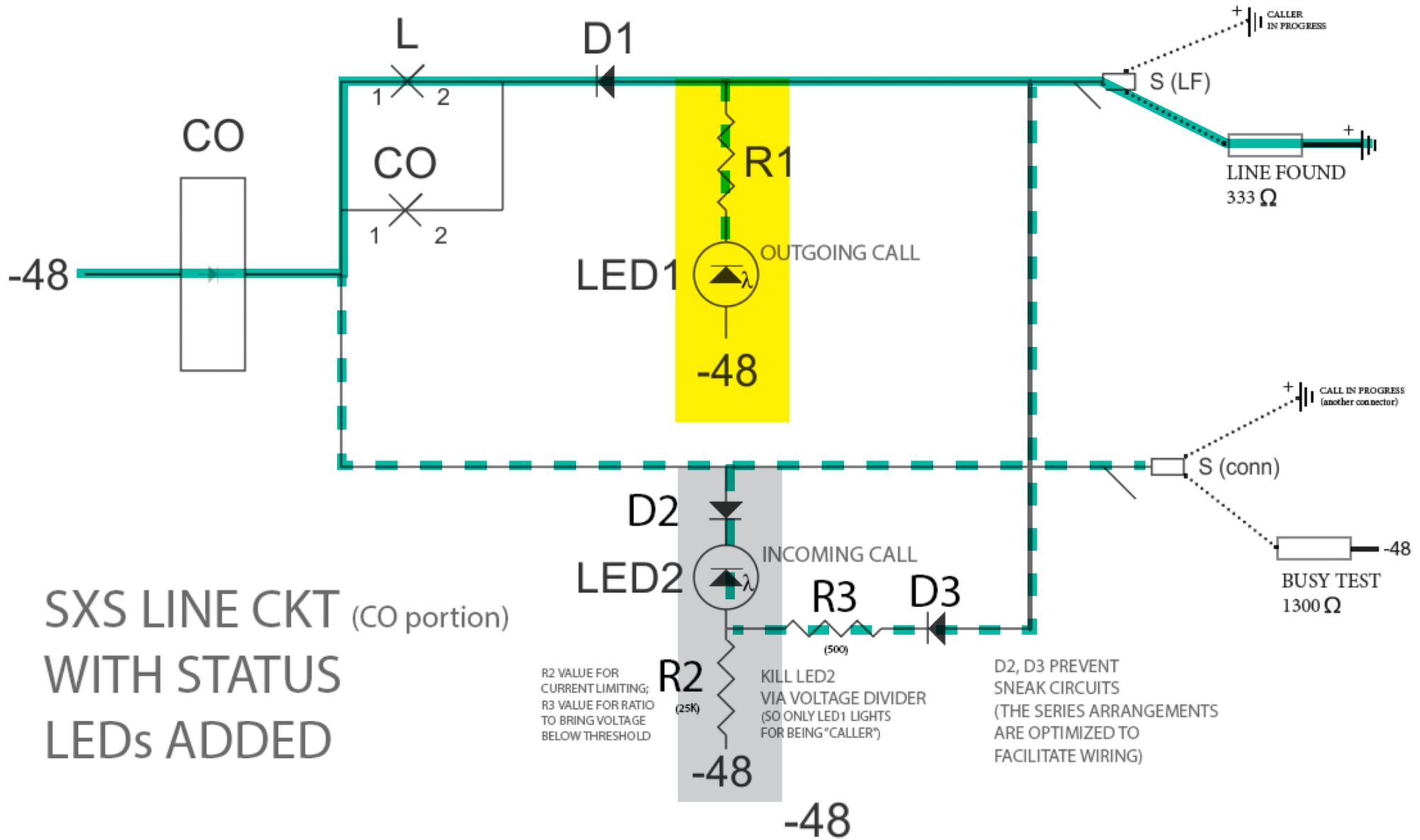
SXS LINE CKT (CO portion)
WITH STATUS LEDs ADDED

R2 VALUE FOR CURRENT LIMITING;
R3 VALUE FOR RATIO TO BRING VOLTAGE BELOW THRESHOLD

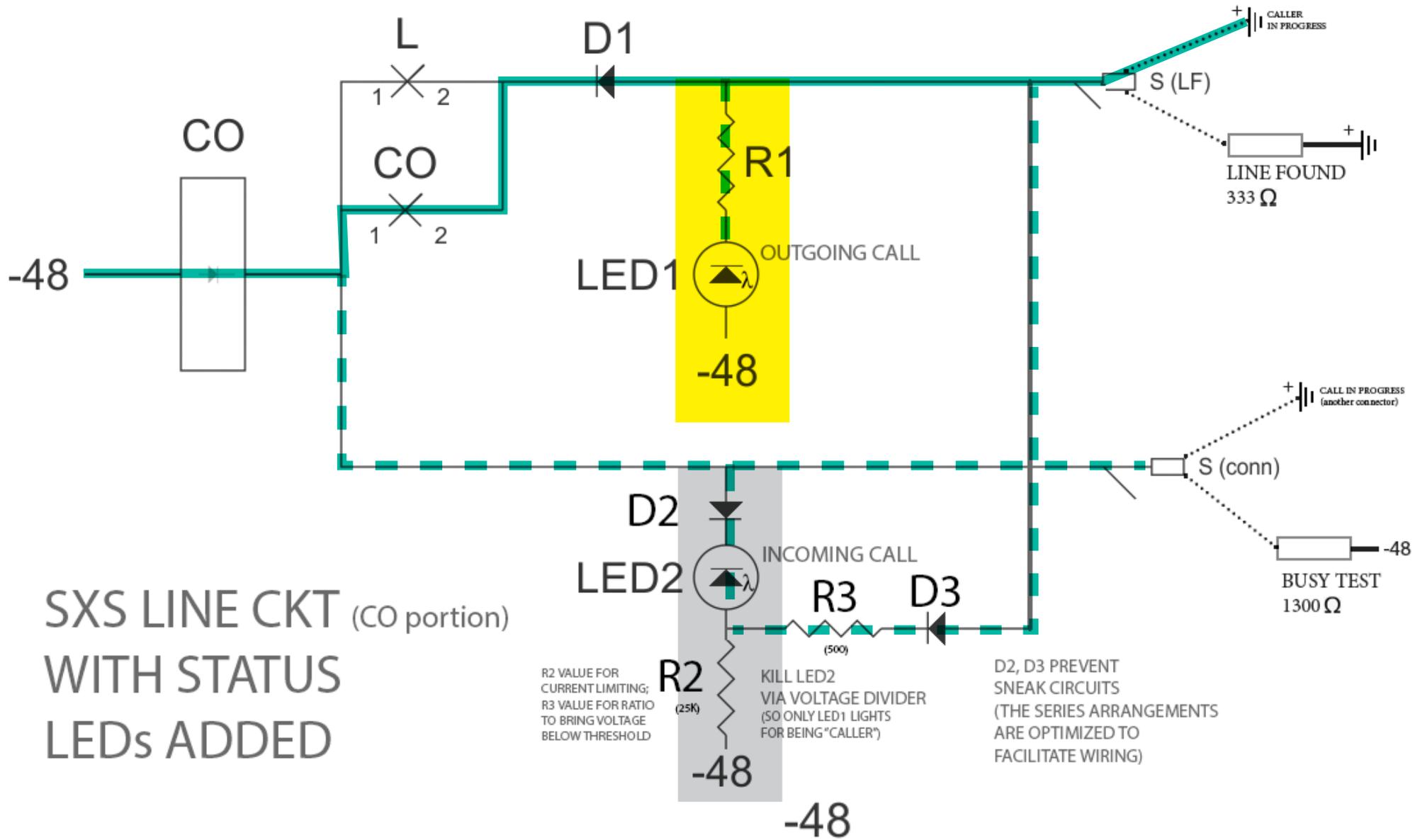
KILL LED2 VIA VOLTAGE DIVIDER (SO ONLY LED1 LIGHTS FOR BEING "CALLER")

D2, D3 PREVENT SNEAK CIRCUITS (THE SERIES ARRANGEMENTS ARE OPTIMIZED TO FACILITATE WIRING)

LINE FOUND



CALLER IN PROGRESS



LINE WAS CALLED

