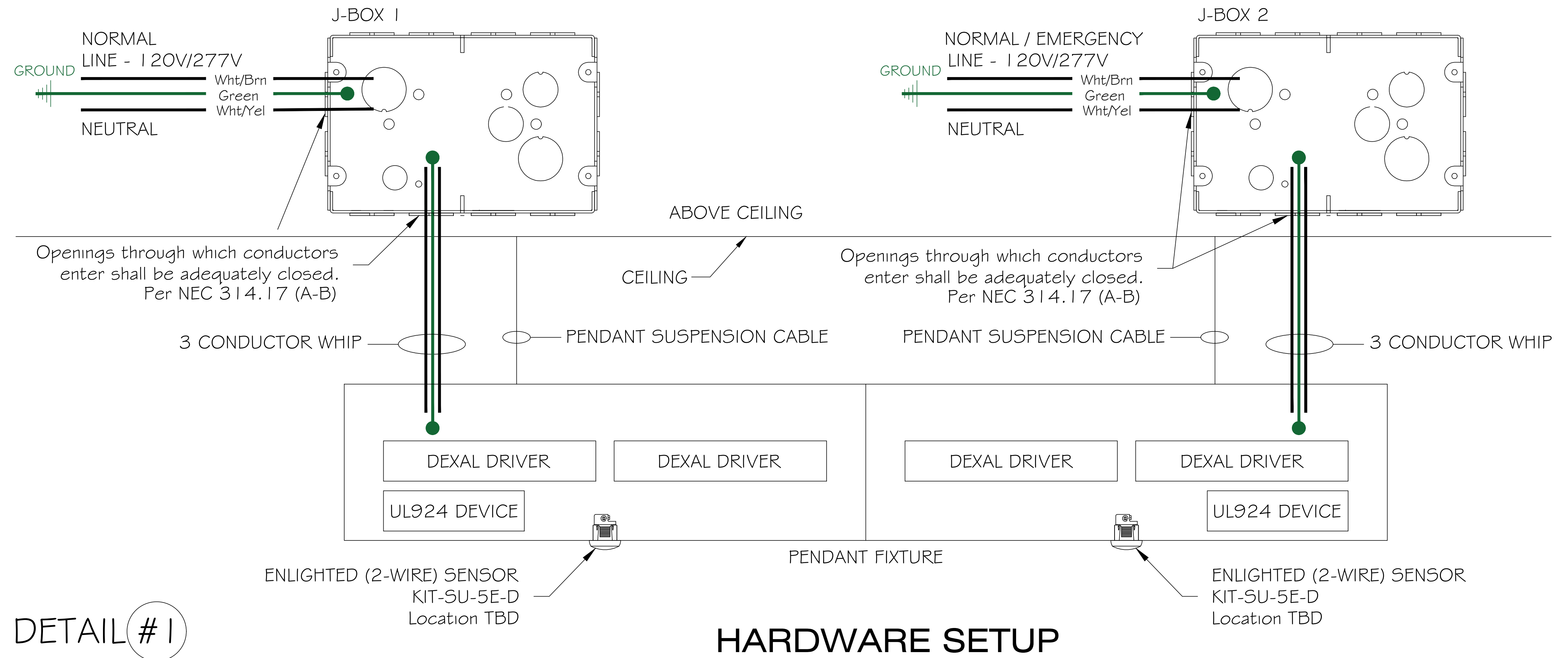


LINE DIAGRAM - NORMAL EMERGENCY - PENDANT APPLICATION -- (2-WIRE) W/UL924 (ESRLBCND)

THIS DRAWING IS FOR USE WITH FUNCTIONAL DEVICES (ESRLBCND)

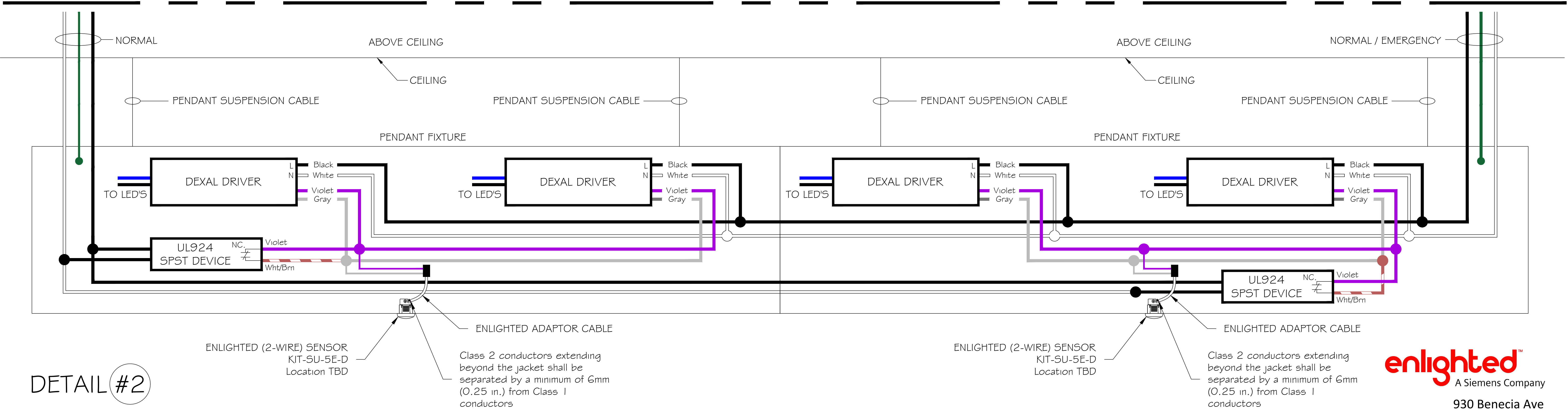
ESRLBCND NOTES:

1. The UL924 SPST device could be any UL924 listed device with at least one normally closed contact rated for low voltage use. For this project, the ESRLBCND has been chosen for the UL924 device and the wire color codes indicated in Detail #2 of this drawing are specific to the ESRLBCND. All unused wires on the ESRLBCND should be individually capped.
2. The N.C. contact of the UL924 device will close on loss of NORMAL power causing the (2-wire) bus to fault (OV) disabling the sensor which causes the energized Emergency driver to go into "SYSTEM FAILURE" (Lights "ON") level.
3. Drivers(s) powered from NORMAL power will be off during an Emergency condition. For this project no drivers are powered by NORMAL power, all drivers are powered by NORMAL/EMERGENCY power so all LED segments of the entire fixture will be on during an Emergency condition.
4. Up to four (2-wire) drivers may be connected to one (2-wire) sensor. For this project there are two (2-wire) drivers connected to one (2-wire) sensor for each half of the fixture. This will result in two independent lighting control zones, both of which are Emergency and will illuminate on loss of NORMAL power.
5. At least one (2-wire) driver must have a built in Power Supply Unit (PSU) or an external PSU must be used. For this project the OSRAM Dexal drivers with built-in PSU have been chosen. Ensure that the drivers are properly programmed for Dexal mode and the PSU has been enabled.



DETAIL #1

HARDWARE SETUP



DETAIL #2

EMERGENCY LINE DIAGRAM WITH UL924 DEVICE

NOTE: Install in accordance with National and Local Electrical Codes in compliance with AHJ requirements.



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