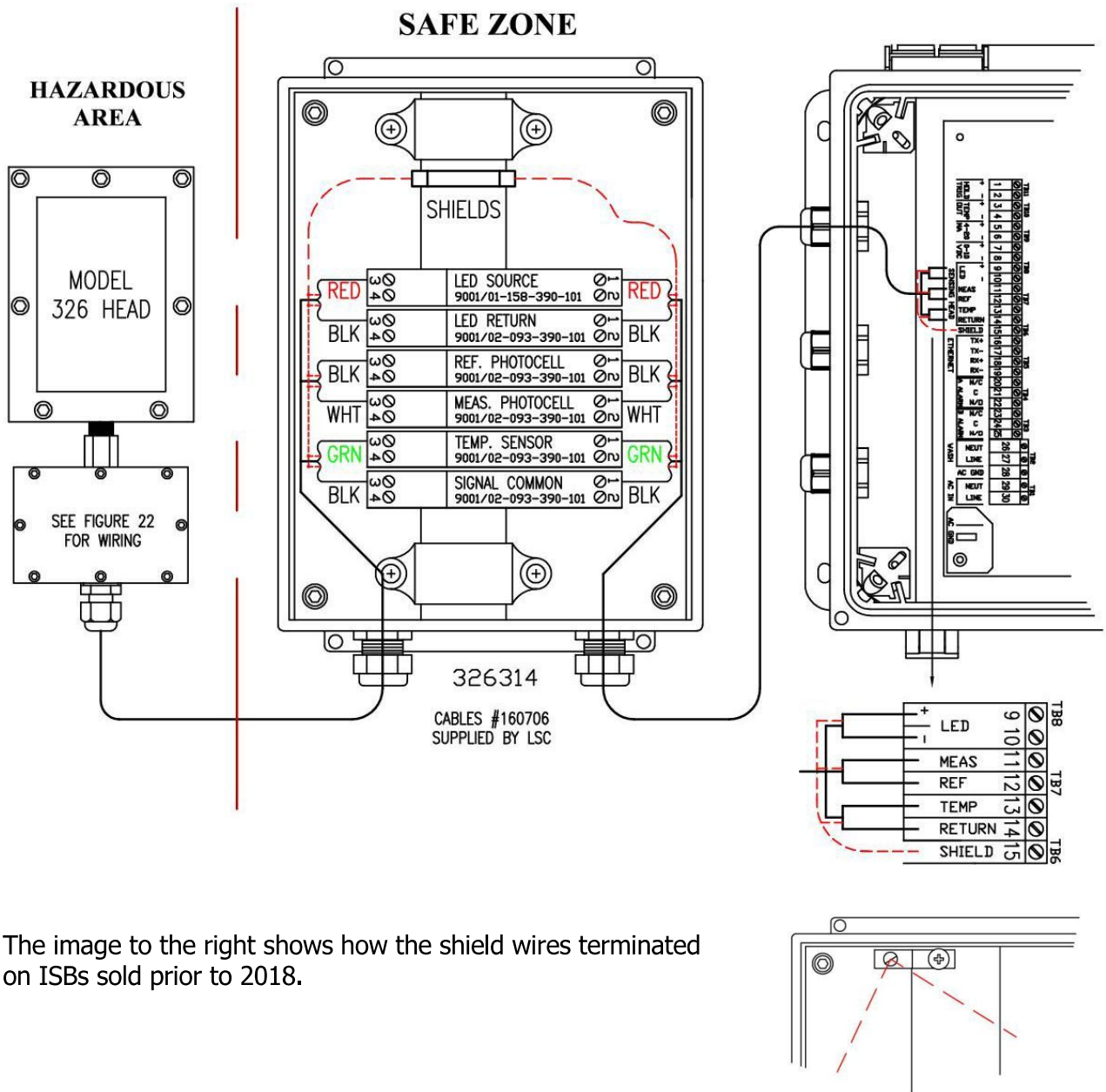


2.4 MOUNTING IN A HAZARDOUS AREA

In applications where there is a potential for explosion caused by a spark, LSC offers an intrinsic safety barrier. The Intrinsic Safety Barriers and the 326 Processor are installed away from the process in a safe area. It limits both the current and the voltage to the sensing head, simple apparatus, such that it is impossible for it to generate a spark, thereby making it intrinsically safe.

Figure 18
Intrinsic Safety Barrier Wiring



The image to the right shows how the shield wires terminated on ISBs sold prior to 2018.