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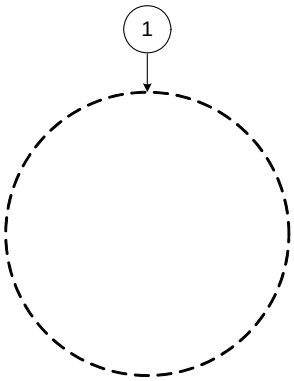
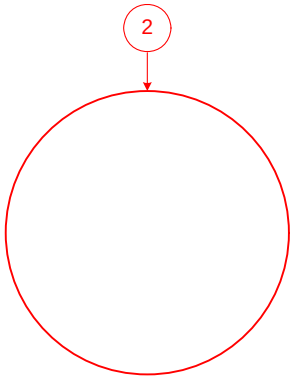
PLH Circular Saw Cut Installation Instructions

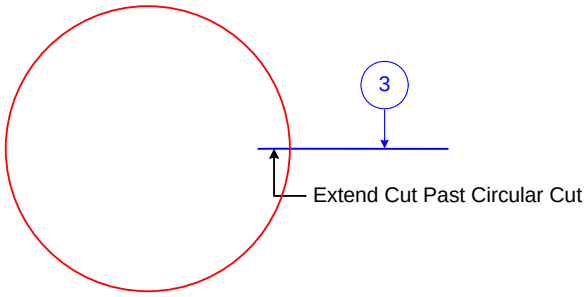
1. Mark the position of the loop on the pavement.



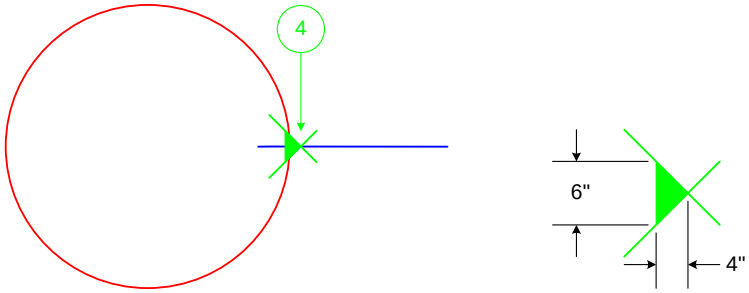
2. Using a pavement saw capable of cutting a circular traffic loop, cut a 3/8” or 1/2” wide slot of the appropriate diameter to accept the loop cable.



3. Using a conventional pavement saw, cut a 3/8” or 1/2” wide slot to accept the lead-in cable. This cut should be made perpendicular to the circular saw slot cut in step 2. Extend the saw cut past the circular saw slot until the center of the saw blade is in line with the circular saw slot.



4. Make two 45° cuts between the loop / lead-in cuts made in steps 2 and 3 as shown below. Extend both ends of the cuts past the two loop / lead-in cuts until the center of the saw blade is in line with the loop / lead-in cut. Break out the shaded area to create a pocket to allow the splice enclosure to lie at least 1” below the pavement surface.



5. Thoroughly flush the saw cuts with water to remove all debris. Dry the saw cuts with compressed air.
6. Insert the loop and splice enclosure into the saw cuts.
7. Seal all saw cuts and the splice enclosure pocket using a suitable sealant.