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(54) Title: PILE AXIAL CAPACITY ENHANCER

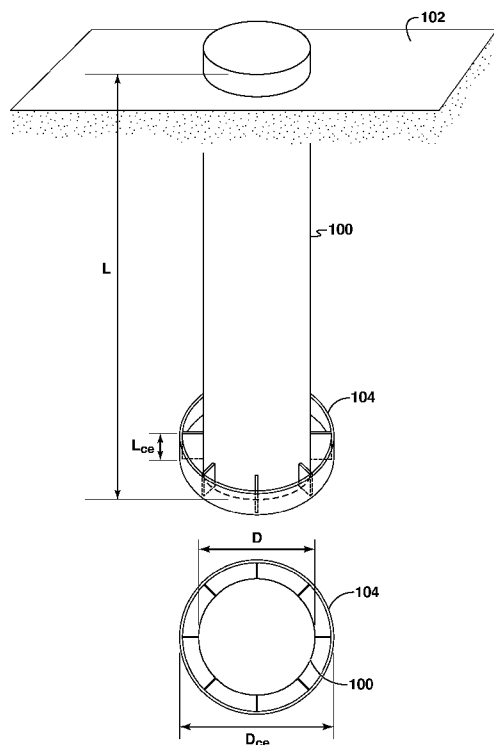


FIG. 1

(57) Abstract: The present disclosure addresses increasing the axial holding capacity of a pile by adding a capacity enhancer in the form of an external ring, cylindrical or otherwise, to the pile, often at the bottom of the pile. Adding the capacity enhancer to the pile increases the axial holding capacity by increasing the surface area of the pile and maximizing the use of the higher soil strength by engaging the higher strength of the deepest soil layer. The axial holding capacity is increased without increasing the overall diameter of the pile or its length, and with a very nominal increase in total weight.



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