



## Helical Foundation Solutions Supplies (196) Helical Anchors for a New Safari Tent Camp at Tswalu Kalahari Private Game Reserve in Northern Cape, South Africa



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<b>Project Name &amp; Location:</b>	Safari Tent Camp at Tswalu Kalahari Private Game Reserve – Northern Cape, South Africa
<b>Project Date:</b>	January 2023
<b>Project Type:</b>	Recreational New Construction – Helical anchors were used to support guy cables to anchor expanded roof tents.
<b>Helical Pile Installation Contractor:</b>	African Helical Pile & Anchor Company (AHPAC)
<b>Structural Engineer:</b>	de Villiers Sheard Pty (Ltd) Consulting Engineers
<b>General Contractor:</b>	Kobus Duvenhage Builders Pty (Ltd)
<b>Helical Piles Specifications:</b>	(96) Helical Anchors Model TS238254 with Maximum Working Load in Tension of 76kN
<b>Soils &amp; Embedment Depth:</b>	Very loose sand up to depth of 1 meter below ground (SPT = 4), then changes to medium dense to dense sands at deeper depths (SPT value = 10). Installation depth = 6m.
<b>Project Timeline:</b>	(8) Days
<b>Helical Pile Manufacturer:</b>	Helical Anchors, Inc. - Minneapolis, MN

**Key Benefits:**

The ability to anchor the guy cables using a helical anchor over the alternative option of using reinforced concrete bases in an environmentally sensitive area. The major benefit is to be able to remove the helical anchors completely should the need arise to remove or relocate the tent camp in the future.



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