



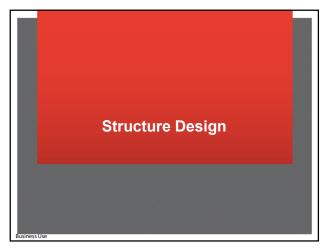


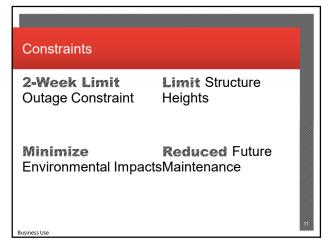


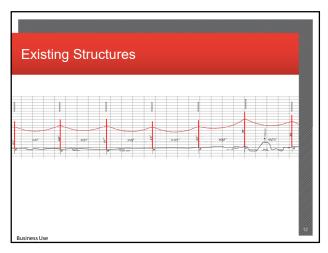


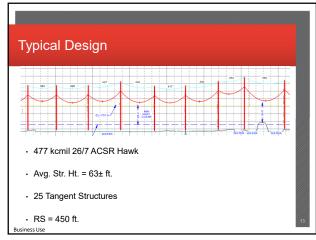
Plan of Attack

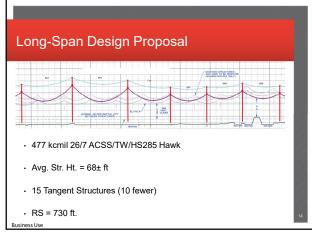
- 1. Structure Design
- 2. Foundation Design
- 3. Construction

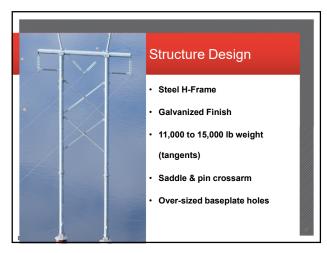


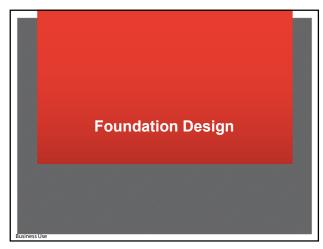


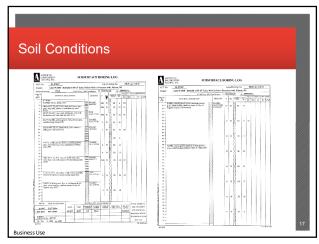


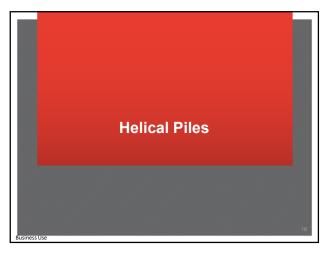


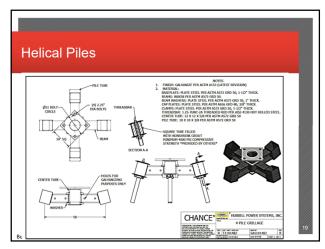


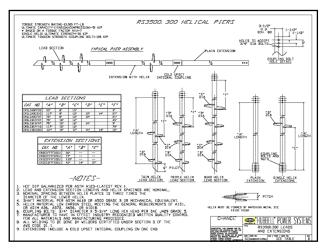




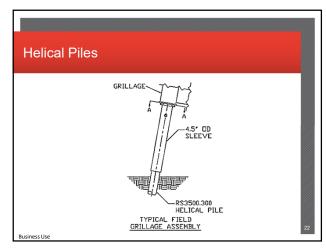


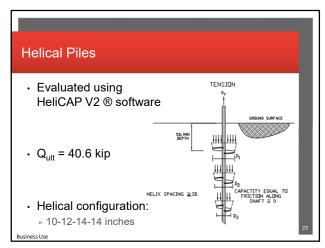








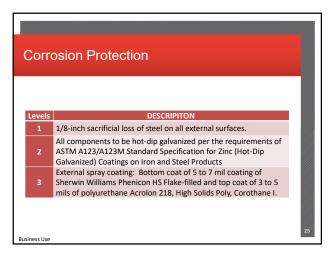


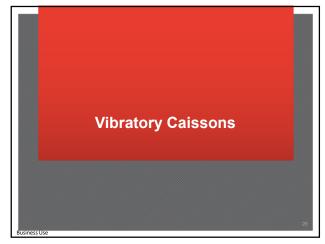


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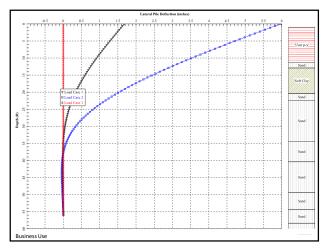
Helical Piles • T = 5,800 ft*lbs• Standard empirical torque / capacity (K_t) factor for the RS3500.300 piles is 7 to 1: $Q_{ult} = K_t * T$ Where: $Q_{ult} = \text{Ultimate capacity (40.6 kip)}$ Kt = Empirical torque factor (7 ft-1) T = Average installation torque

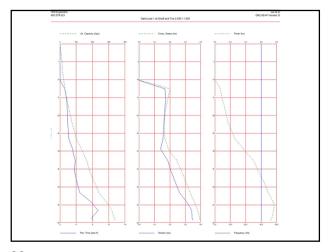
Business Use

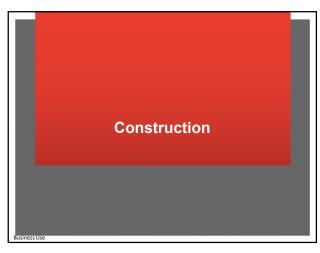


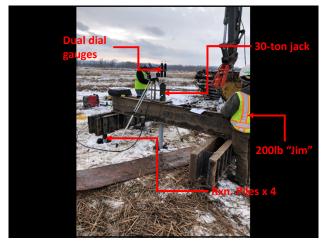


Axial Capacity • General equation: $Q_{all} = f_s * A_s$ Where: $Q_{all} = \text{Allowable capacity in compression}$ $f_s = \text{Allowable skin friction}$ $A_s = \text{Area of outside caisson shaft}$



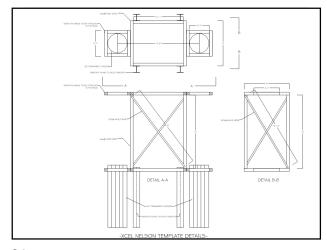
















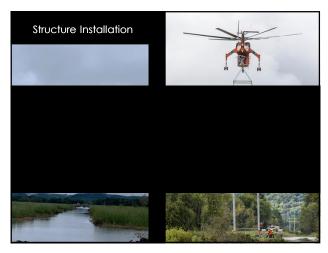














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