

NORTHWEST COLORADO CONSULTANTS, INC.

HELICAL SCREW PILE OBSERVATION DATA SHEET

Project : Richey Live-Work Units **Project No.:** 21-12512

Date: 8/14/23

Report No.: 1-HP

Pile No.	Pile Type	Total Length Supplied (ft)	Installation Depth Below Existing Ground Surface (B.E.G.S)	Required Installation Torque (ft.-lbs.)	Observed Installation Torque (ft.-lbs.)	Remarks
1	2 $\frac{7}{8}$ "	49	45 ft	4,444	5,000	8-inch & 10-inch Double Helices
2	2 $\frac{7}{8}$ "	49	46 ft	4,444	5,000	8-inch & 10-inch Double Helices
3	2 $\frac{7}{8}$ "	49	45 ft	4,444	4,900	8-inch & 10-inch Double Helices
4	2 $\frac{7}{8}$ "	49	43 ft	4,444	5,600	8-inch & 10-inch Double Helices
5	2 $\frac{7}{8}$ "	4	40 ft	4,444	5,100	8-inch & 10-inch Double Helices
6	2 $\frac{7}{8}$ "	49	46 ft	4,444	5,200	8-inch & 10-inch Double Helices
7	2 $\frac{7}{8}$ "	49	46 ½ ft	4,444	5,200	8-inch & 10-inch Double Helices
8	2 $\frac{7}{8}$ "	49	46 ft	4,444	4,800	8-inch & 10-inch Double Helices
9	2 $\frac{7}{8}$ "	56	54 ft	7,222	7,300	8-inch & 10-inch Double Helices
10	2 $\frac{7}{8}$ "	49	45 ft	4,444	5,100	8-inch & 10-inch Double Helices

Notes:

Pile Type		Length (feet)	Pipe Diameter (inches)	Helix	Capacity	Max. Torque (ft-lbs)
1	Lead	7 ft	2 $\frac{7}{8}$ "	8" & 10"	Kip	
	Extension	7 ft				