ATTACHMENT 1

Pile Design Data Form

1 Foundation Testing

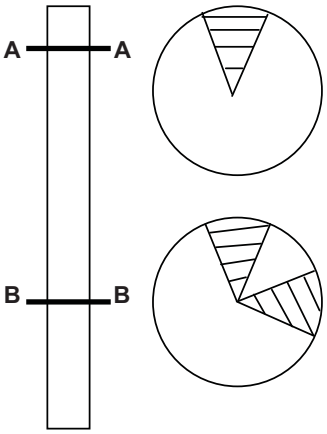
Name: _____
Phone:_____Date_____

Anomaly Overview

Testing Performed ■ GGL ☐ CSL

Pile Diameter: __**8 foot** ____

Cutoff Elev: __-**29 ft**____



___**A-A**__
Elev.: -32ft to -34ft
Up to 14% Affected

__**B-B**__
Elev.: -65 ft to -67ft
Up to 28% Affected

Tip Elev.: ___**-113 ft**_____

Anomaly Description

Section A-A:_____
_____
_____
Section B-B:_____
_____

2 Geotechnical

Name:_____
Phone:_____Date_____

As-Designed Resistance of Pile:
Compression: _____ Tension: _____
GWT Elevation: _____
Calculated Load at:
Section A-A: Compression: _____Tension: _____
Soil Type: _____
Pile is geotechnically ☐ Acceptable ☐ Unacceptable
Section B-B: Compression: _____ Tension: _____
Soil Type: _____
Pile is geotechnically ☐ Acceptable ☐ Unacceptable
Comments:_____
_____

3 Structural

Name Project Engineer
Phone_____Date____

As-Designed Capacity of Pile
Sections A-A: Shear: 1410 kips Moment: 27400 k-ft
Section B-B: Shear: 1410 kips Moment: 27400 k-ft

Section A-A : Maximum Demand of Pile
Shear: 813 kips Moment: 21500 k-ft
Pile is structurally ☐ Acceptable ■ Unacceptable
Section B-B : Maximum Demand of Pile
Shear: 913 kips Moment: 13700 k-ft
Pile is structurally ■ Acceptable ☐ Unacceptable

Comments:_____
_____
_____

4 Corrosion

Name:_____
Phone:_____Date_____

Consideration is ☐ Required ☐ Not required

For anomalies between the top of pile and one meter below the lowest possible ground water surface, California Test Methods (CTM's) 643 (Parts 2,3,4 and 6 only), 417 and 422 are required to assess any proposed repair. For anomalies outside these limits, and where no stray current source can be identified, no consideration of corrosion potential is required.

Corrosion Potential at Section A-A: _____
Corrosion Potential at section B-B: _____