



3-7 PILE DESIGN DATA FORM (GGL)

<p>1 Foundation Testing</p> <p style="text-align: right;">Name: FTB Phone: Date:</p> <p style="text-align: center;">Anomaly Overview</p> <p>Testing Performed <input checked="" type="checkbox"/> GGL <input type="checkbox"/> CSL</p> <p>Pile Diameter: 8 ft</p> <p>Cutoff Elev.: -29 ft</p> <div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>A</p> <p>A</p> </div> <div> <p>Section A-A</p> <p>Elev.: -32 ft to -34 ft Up to 12.5% Affected</p> </div> </div> <div style="display: flex; align-items: center; margin-top: 20px;"> <div style="margin-right: 20px;"> <p>B</p> <p>B</p> </div> <div> <p>Section B-B</p> <p>Elev.: -65 ft to -67 ft Up to 25% Affected</p> </div> </div> <p>Tip Elev.: -113 ft</p> <p style="text-align: center;">Anomaly Description</p> <p>Section A-A: Anomaly was detected in one (1) GGL inspection tube. May affect up to 12.5% of pile cross-section at this location.</p> <hr/> <p>Section B-B: Anomalies were detected in two (2) GGL inspection tubes. May affect up to 25% of pile cross-section at this location.</p>	<p>2 Geotechnical</p> <p style="text-align: center;">As-Designed Resistance of Pile:</p> <p>Compression: _____ Tension: _____ GWT Elevation: _____</p> <p style="text-align: center;">Calculated Load at Section:</p> <p>Section A-A: Compression: _____ Tension: _____ Soil Type: _____</p> <p>Pile is geotechnically <input type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable</p> <p>Section B-B: Compression: _____ Tension: _____ Soil Type: _____</p> <p>Pile is geotechnically <input type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable</p> <p>Comments: _____</p> <hr/> <p>3 Structural</p> <p style="text-align: right;">Name: SD Phone: _____ Date: _____</p> <p style="text-align: center;">As-Designed Capacity of Pile:</p> <p>Section A-A: Shear: <u>1355 kips</u> Moment: <u>23224 kip-ft</u></p> <p>Section B-B: Shear: <u>1355 kips</u> Moment: <u>23224 kip-ft</u></p> <p style="text-align: center;">Maximum Demand of Pile at Section: A-A</p> <p>Shear: <u>813 kips</u> Moment: <u>21500 kip-ft</u></p> <p>Pile is structurally <input type="checkbox"/> Acceptable <input checked="" type="checkbox"/> Unacceptable</p> <p style="text-align: center;">Maximum Demand of Pile at Section: B-B</p> <p>Shear: <u>913 kips</u> Moment: <u>13700 kip-ft</u></p> <p>Pile is structurally <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable</p> <p>Comments: _____</p>
<p>4 Corrosion</p> <p style="text-align: right;">Name: METS Phone: _____ Date: _____</p> <p style="text-align: right;">Consideration is <input type="checkbox"/> Required <input type="checkbox"/> Not required</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>For anomalies between the top of pile and 1 meter below the lowest possible ground water surface, California Test Methods (CTM's) CTM 643 (Parts 2,3,4 and 6 only), CTM 417, CTM 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.</p> </div> <p>Corrosion Potential at Section A-A: _____</p> <p>Corrosion Potential at Section B-B: _____</p>	