

3-7

Attachment 4

PILE DESIGN DATA FORM (CSL)

1 Foundation Testing	Name: GS-FTB Phone: Date:	2 Geote	chnical	Name: GS Phone: Date
Anomal	Required Nominal Resistance of Shaft (per contract plans)			
Testing Performed X GGL X CSL		Compression: <u>kips</u> Tension: <u>kips</u>		
Shaft Diameter: 8 ft		Lowest Estimated Groundwater Elevation:		
Cutoff Elev: -29 ft		Remaining Required Nominal Resistance To Be Developed Below Each Anomalous Section: Section A-A: Compression:		
	Section A-A	Soil and/or Roo	ck Type:	
		Shaft is geoted	mpression:	cceptable Unacceptable Tension: kips
	Elev.: -32 to -34 ft	Soil and/or Rock Type:		
	Up to 9 % Affected	Shaft is geoted	hnically A	cceptable Unacceptable
	Section B-B	Comments:		
	Elev.: -65 to -67 It			Name: SD
B─┤ ┝B(2		Phone:
	d	J Struct	curai L	
		Section A-A: Shear: 1355 kips Moment: 23224 kip-ft		
		Section B-E	3: Shear: 135	5 kips Moment: 23224 kip-ft
Tip Elev.: -113 ft		the submitted and the set	1996 - 1996 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	
Anomaly Description		Maximum Demand of Shaft at Section A-A		
Section A-A: Anomaly was detected in one (1) GGI		Shear: <u>813 kips</u> Moment: <u>21500 k-ft</u>		
inspection pipe and four (4) CSL pipe pairs. May		Shaft is structurally 🗆 Acceptable X Unacceptable		
affect up to 9% of Shaft cross-section at this location.		Maximum Demand of Shaft at Section B-B		
		Shear: <u>913 kips</u> Moment: <u>13700 k-ft</u>		
Section B-B: Anomalies were detected in two (2)		Snart is structurally A Acceptable Unacceptable		
GGL inspection pipes and three (3) CSL pipe pairs.		Comments:		
May affect up to 8% of Shaft cross-section at this				
location.		L		
4 Corrosion	Name: METS Phone: Date	Consid	deration is	Required Not required
For anomalies between the top of pile and 3 feet below the lowest estimated ground water level at the site, corrosion results				
listed in the Geotechnical report are used to assess the need for repair. For situations where results are not available, soil				
samples may be obtained adjacent to the anomaly and tested in accordance with California Test (CT) 643 (Parts 2, 3 and 4) and if pacessay. CT 417 and CT 422 to determine soil corresputive. For anomalies outside these limits, and where no crev				
current source can be identified, or for non-corrosive soil conditions, no consideration of corrosion potential is required.				
Corrosion Potential at Section A-A:				
Corrosion Potential at Section B-B:				
5 Construction Considering parts 2-4 of this			Structure Rep. Phone:	.: SC Date:
Sec. A-A is: Acceptable with Administrative Deduction Unacceptable, Mitigation is Required				
Sec. B-B is: Acceptable with Administrative Deduction Unacceptable, Mitigation is Required				
Bridgo No : Abt / Parts				
Diage No.: Dist-Co -Route: EA		5 INU	ADI./Bent: Pile:	
Structure Rep.: Phone		ə:	Fax:	