DOCKETED	
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Project Title:	Darden Clean Energy Project
TN #:	254673
Document Title:	Data Response Set 1 Appendix A - Geotechnical Report Vol 3
Description:	Volume 3 of the geotechnical report provided in response to DR GEO-1 as part of Appendix A of Response Set 1.
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Organization:	Rincon Consultants
Submitter Role:	Applicant Consultant
Submission Date:	2/23/2024 5:09:26 PM
Docketed Date:	2/26/2024

Data Response Set 1 - Appendix A

DR GEO-1 Geotechnical Engineering Report - Volume III

Darden Solar Facility

Preliminary Geotechnical Engineering Report

Volume III

October 13, 2023 | Terracon Project No. 60225172

Prepared for:

IP Darden I, LLC

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Lateral Load Test Result for PLT-55A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

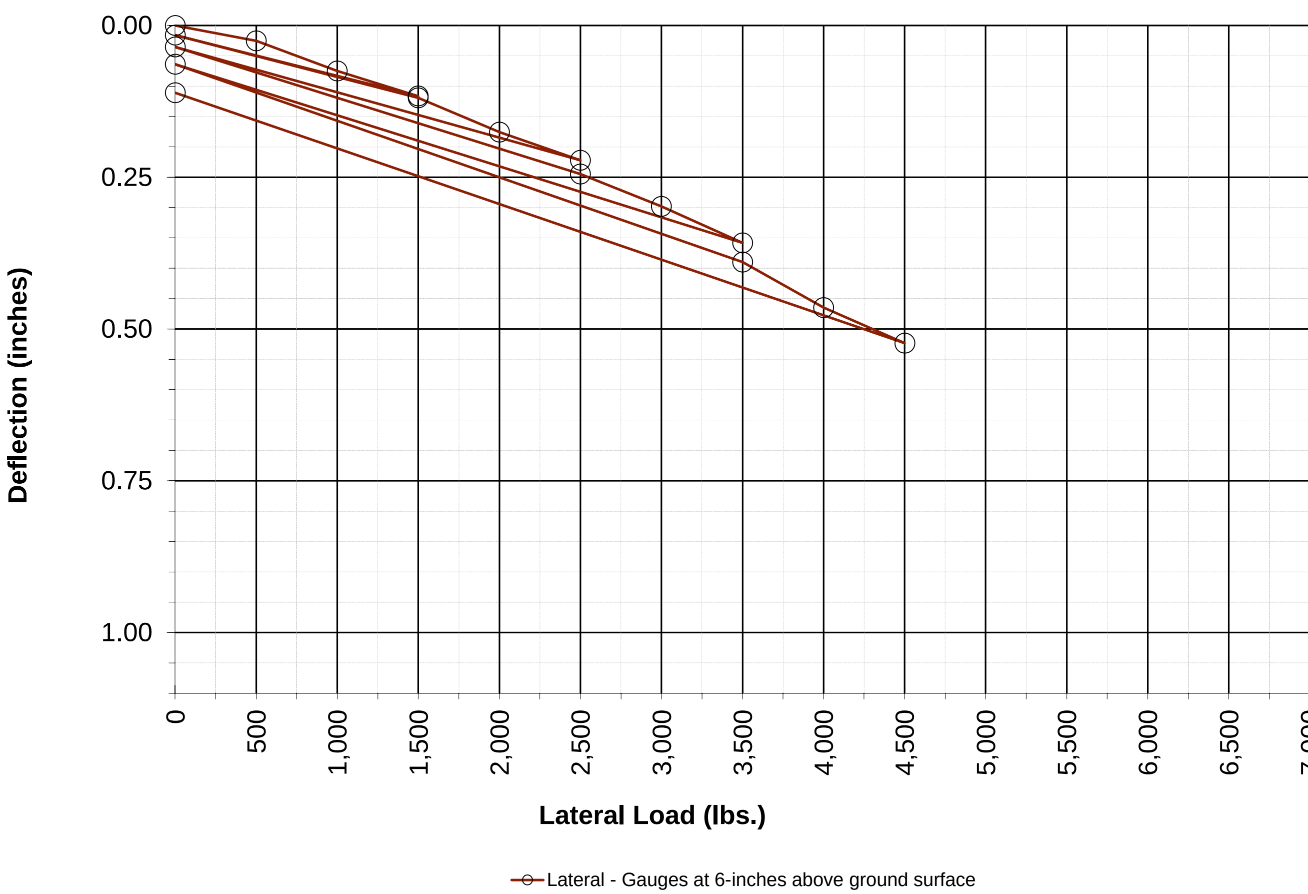
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	2/22/2023

Pile Information

Pile ID:	PLT-55A
Group Latitude [deg.]:	36.4801
Group Longitude [deg.]:	-120.2027
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	29

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.025	
14%	1,000	0.075	
21%	1,500	0.117	
0%	0	0.016	
21%	1,500	0.119	
29%	2,000	0.176	
36%	2,500	0.223	
0%	0	0.036	
36%	2,500	0.245	
43%	3,000	0.298	
50%	3,500	0.358	
0%	0	0.064	
50%	3,500	0.390	
57%	4,000	0.465	
64%	4,500	0.524	
0%	0	0.111	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-55B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

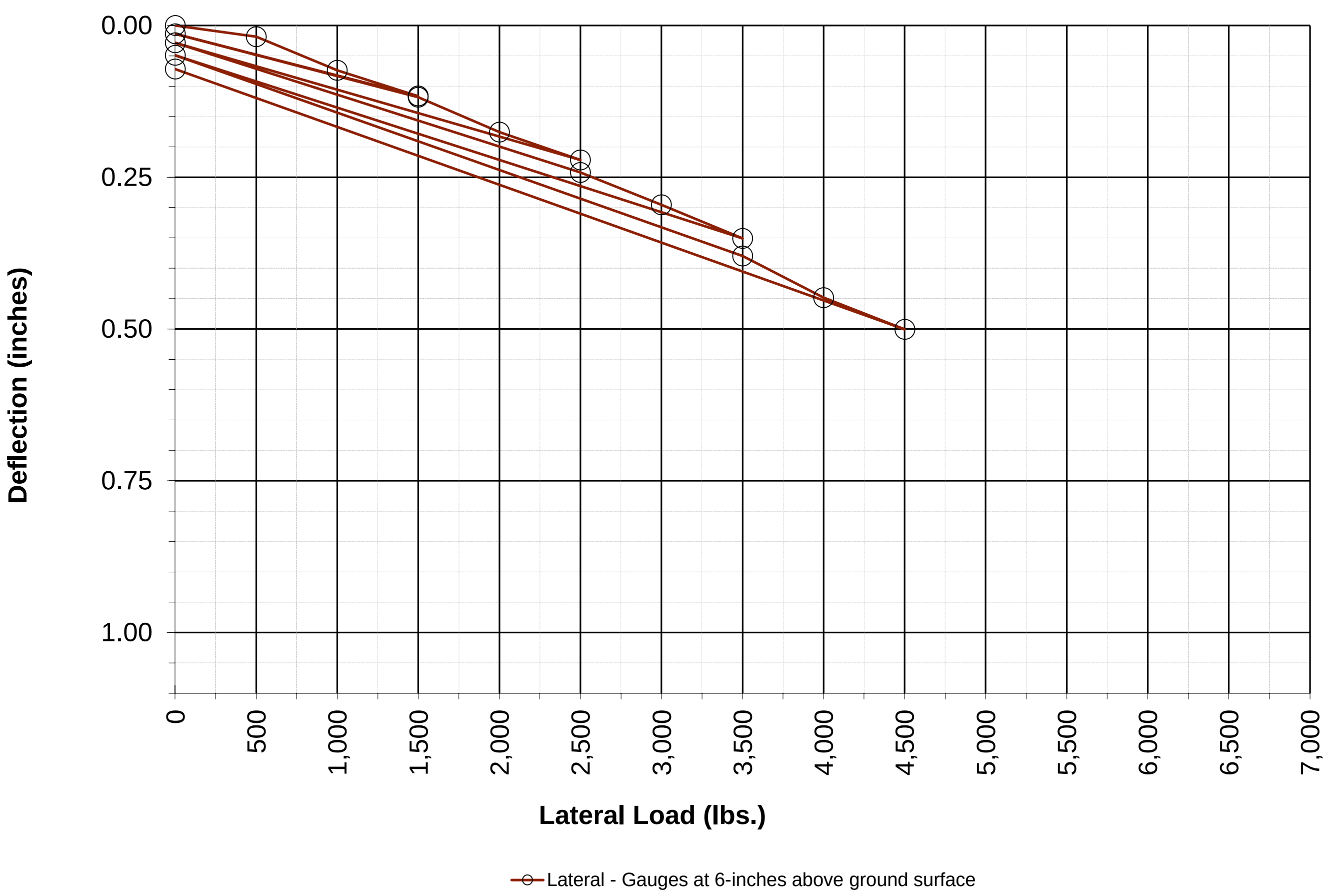
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	2/22/2023

Pile Information

Pile ID:	PLT-55B
Group Latitude [deg.]:	36.4801
Group Longitude [deg.]:	-120.2027
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	65

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.019	
14%	1,000	0.074	
21%	1,500	0.117	
0%	0	0.014	
21%	1,500	0.118	
29%	2,000	0.176	
36%	2,500	0.222	
0%	0	0.029	
36%	2,500	0.242	
43%	3,000	0.296	
50%	3,500	0.351	
0%	0	0.049	
50%	3,500	0.380	
57%	4,000	0.449	
64%	4,500	0.501	
0%	0	0.072	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-56A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

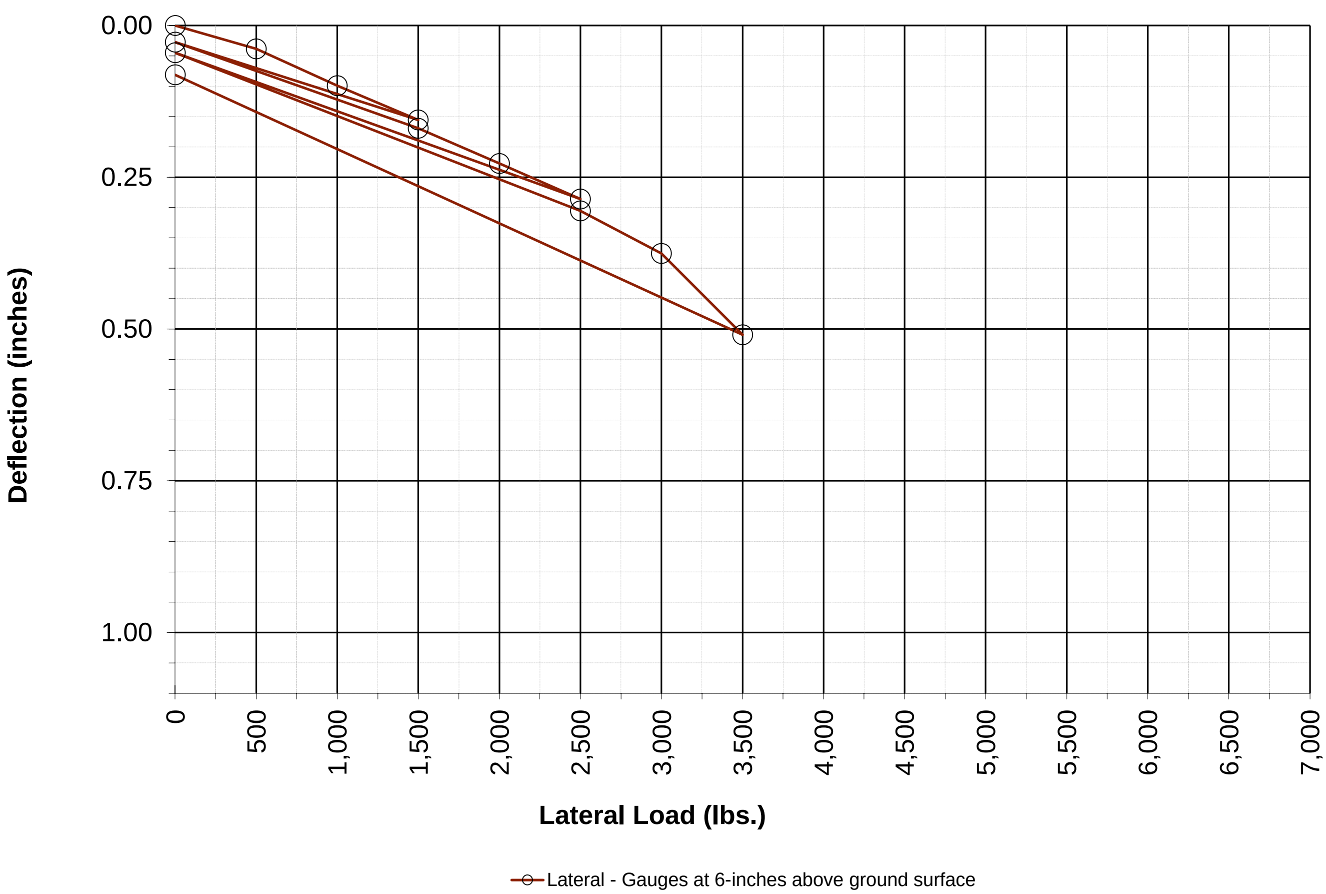
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	2/22/2023

Pile Information

Pile ID:	PLT-56A
Group Latitude [deg.]:	36.4860
Group Longitude [deg.]:	-120.2002
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	32

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.039	
14%	1,000	0.099	
21%	1,500	0.156	
0%	0	0.028	
21%	1,500	0.170	
29%	2,000	0.227	
36%	2,500	0.286	
0%	0	0.045	
36%	2,500	0.306	
43%	3,000	0.376	
50%	3,500	0.510	
0%	0	0.081	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-56B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

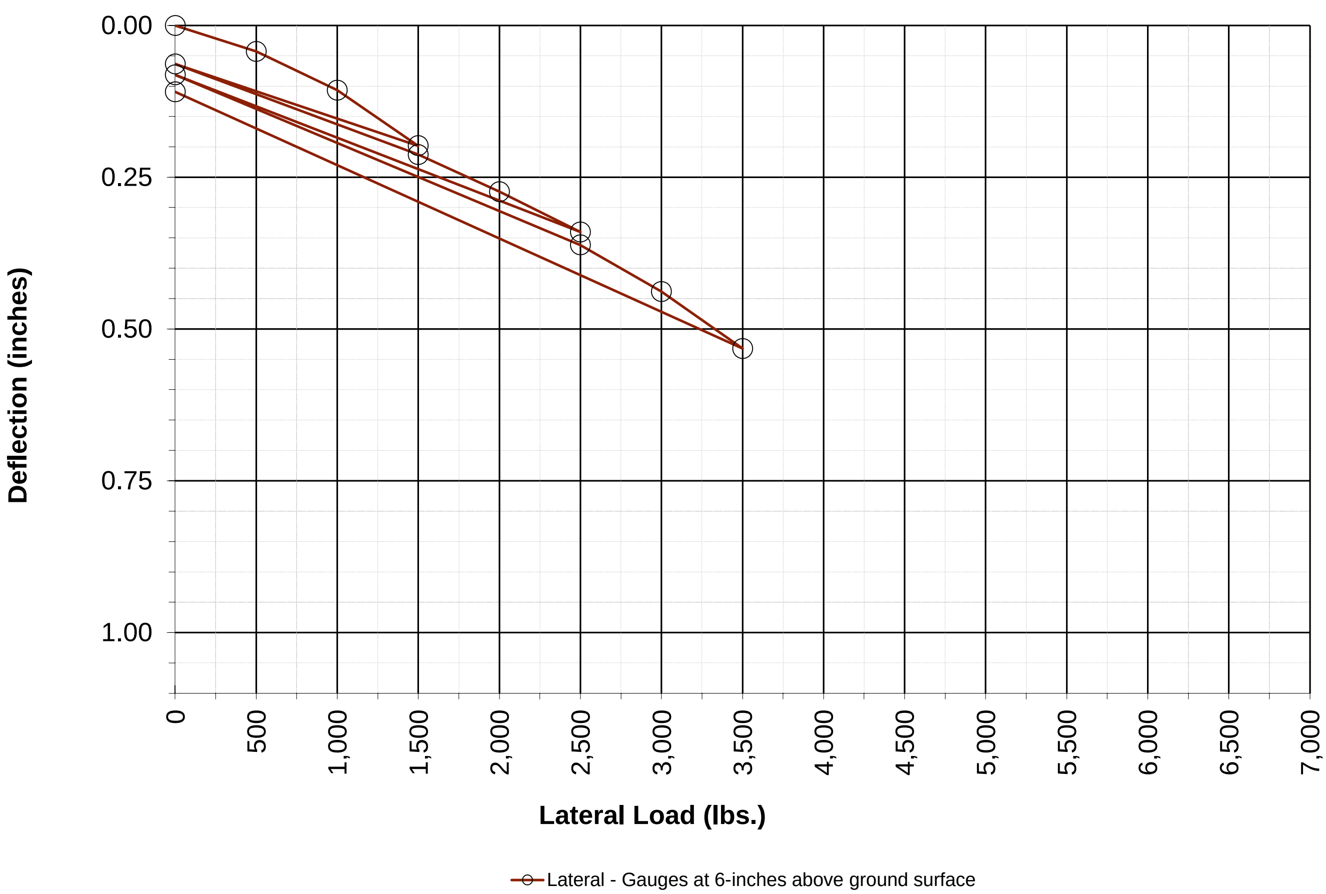
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	2/22/2023

Pile Information

Pile ID:	PLT-56B
Group Latitude [deg.]:	36.4860
Group Longitude [deg.]:	-120.2002
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	90

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.043	
14%	1,000	0.107	
21%	1,500	0.198	
0%	0	0.064	
21%	1,500	0.213	
29%	2,000	0.274	
36%	2,500	0.340	
0%	0	0.081	
36%	2,500	0.362	
43%	3,000	0.438	
50%	3,500	0.532	
0%	0	0.110	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-57A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

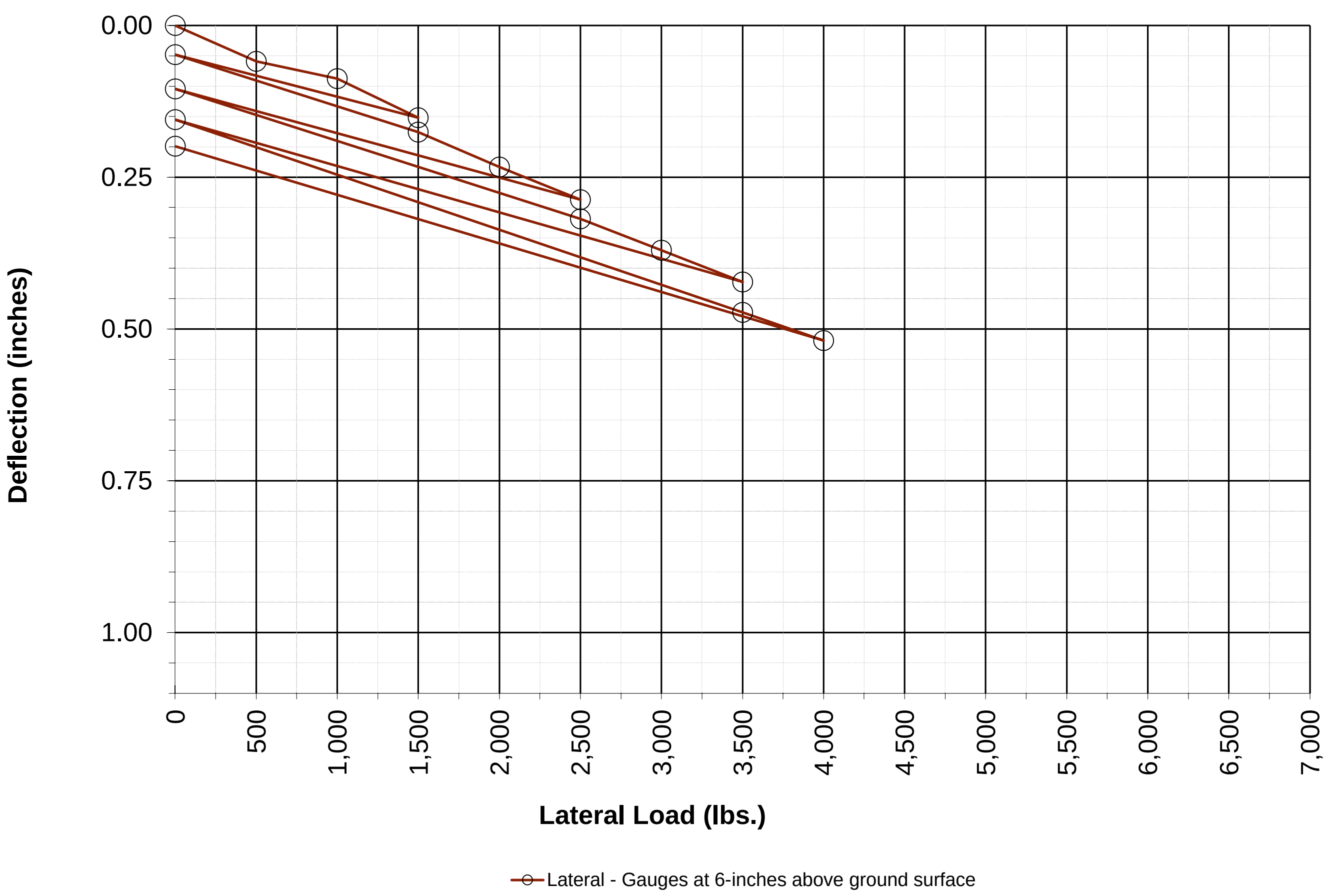
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/21/2023

Pile Information

Pile ID:	PLT-57A
Group Latitude [deg.]:	36.4787
Group Longitude [deg.]:	-120.1962
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	28

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.059	
14%	1,000	0.088	
21%	1,500	0.152	
0%	0	0.048	
21%	1,500	0.176	
29%	2,000	0.233	
36%	2,500	0.287	
0%	0	0.105	
36%	2,500	0.319	
43%	3,000	0.370	
50%	3,500	0.423	
0%	0	0.155	
50%	3,500	0.473	
57%	4,000	0.519	
64%	4,500		
0%	0	0.199	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-57B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

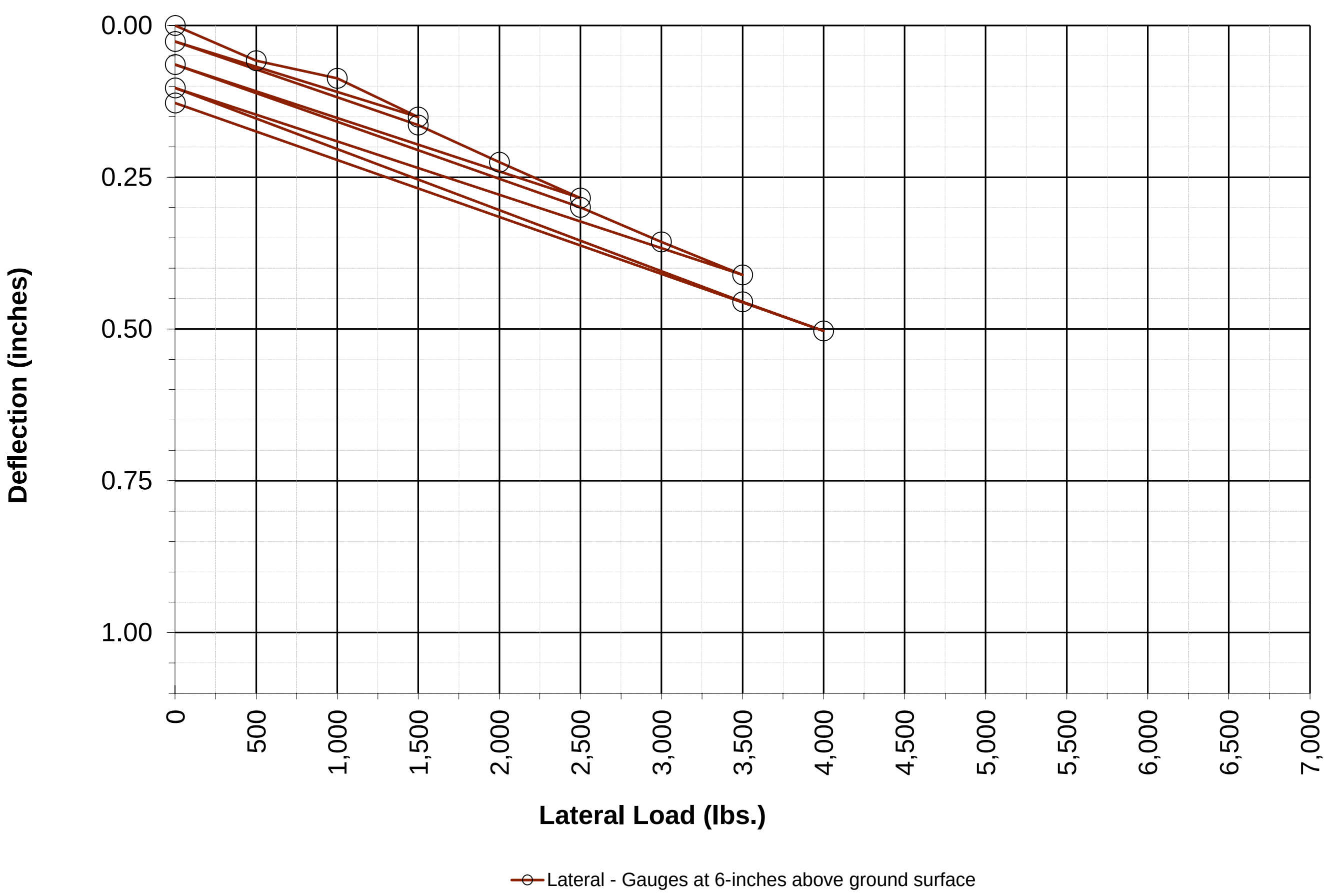
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/21/2023

Pile Information

Pile ID:	PLT-57B
Group Latitude [deg.]:	36.4787
Group Longitude [deg.]:	-120.1962
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	42

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.058	
14%	1,000	0.087	
21%	1,500	0.151	
0%	0	0.027	
21%	1,500	0.164	
29%	2,000	0.225	
36%	2,500	0.284	
0%	0	0.065	
36%	2,500	0.300	
43%	3,000	0.357	
50%	3,500	0.411	
0%	0	0.103	
50%	3,500	0.455	
57%	4,000	0.503	
64%	4,500		
0%	0	0.128	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-58A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

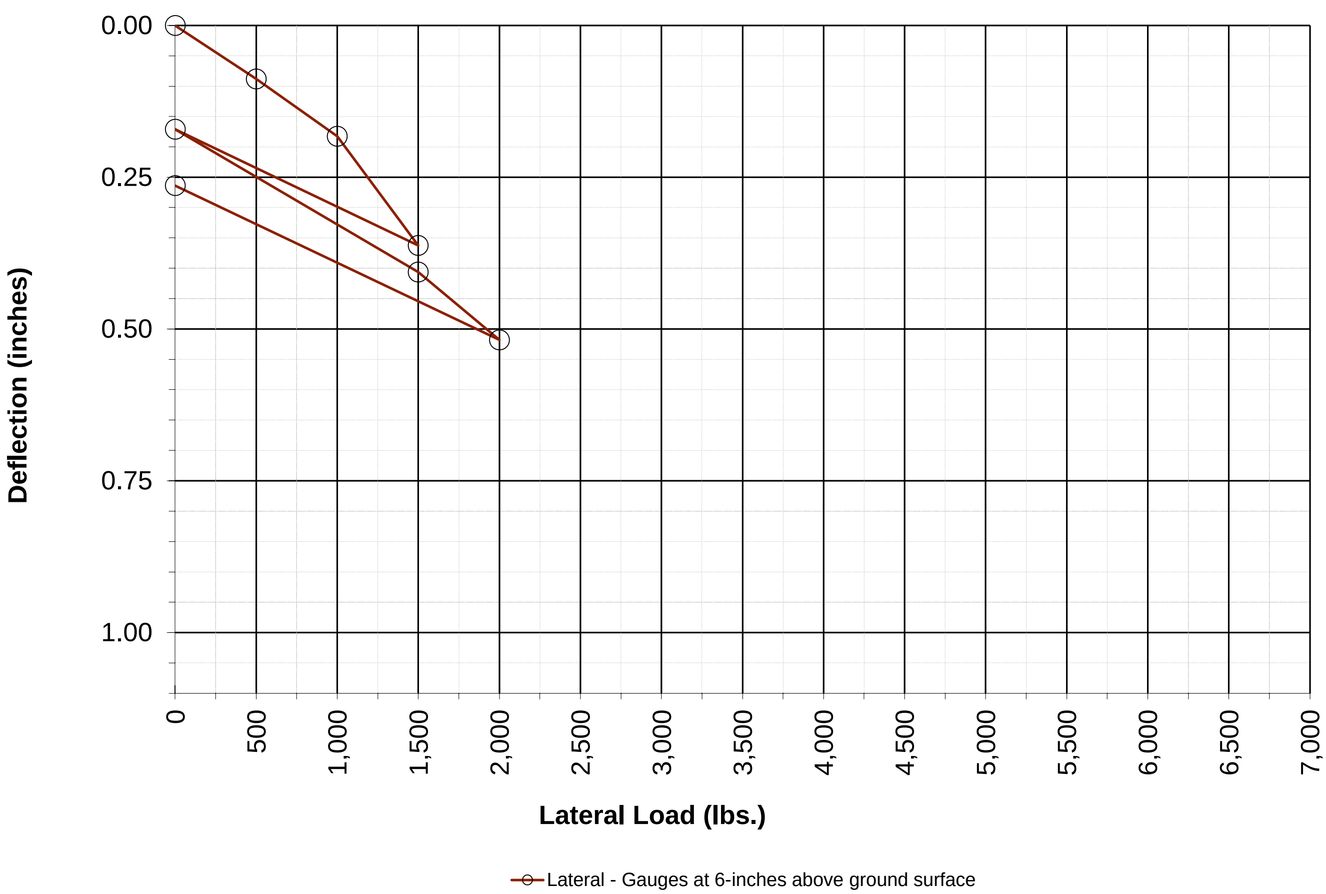
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-58A
Group Latitude [deg.]:	36.4694
Group Longitude [deg.]:	-120.2289
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	19

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.088	
14%	1,000	0.183	
21%	1,500	0.362	
0%	0	0.171	
21%	1,500	0.407	
29%	2,000	0.518	
36%	2,500		
0%	0	0.264	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-58B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

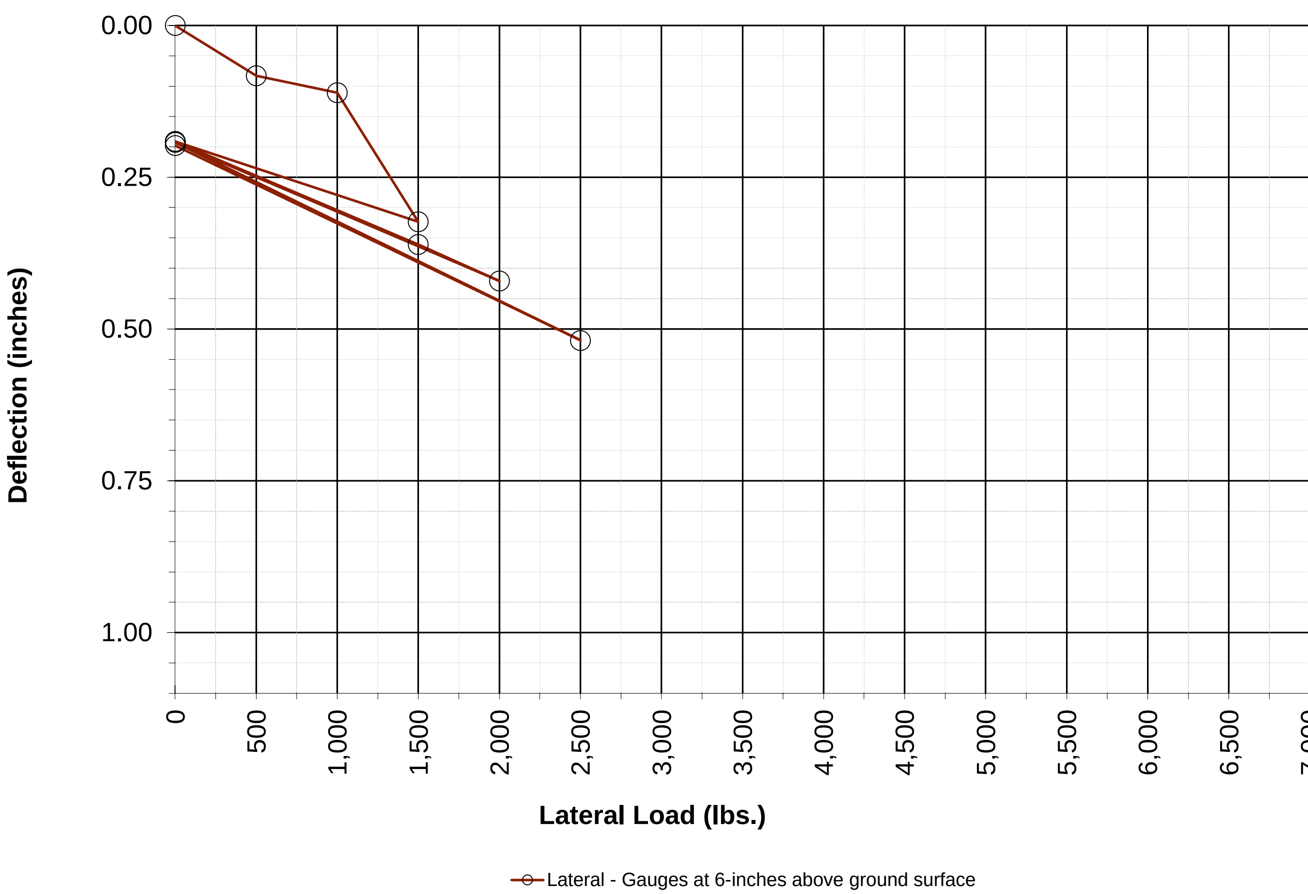
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-58B
Group Latitude [deg.]:	36.4694
Group Longitude [deg.]:	-120.2289
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	49

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.083	
14%	1,000	0.111	
21%	1,500	0.323	
0%	0	0.191	
21%	1,500	0.361	
29%	2,000	0.421	
36%	2,500		
0%	0	0.193	
36%	2,500	0.519	
43%	3,000		
50%	3,500		
0%	0	0.198	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-59A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

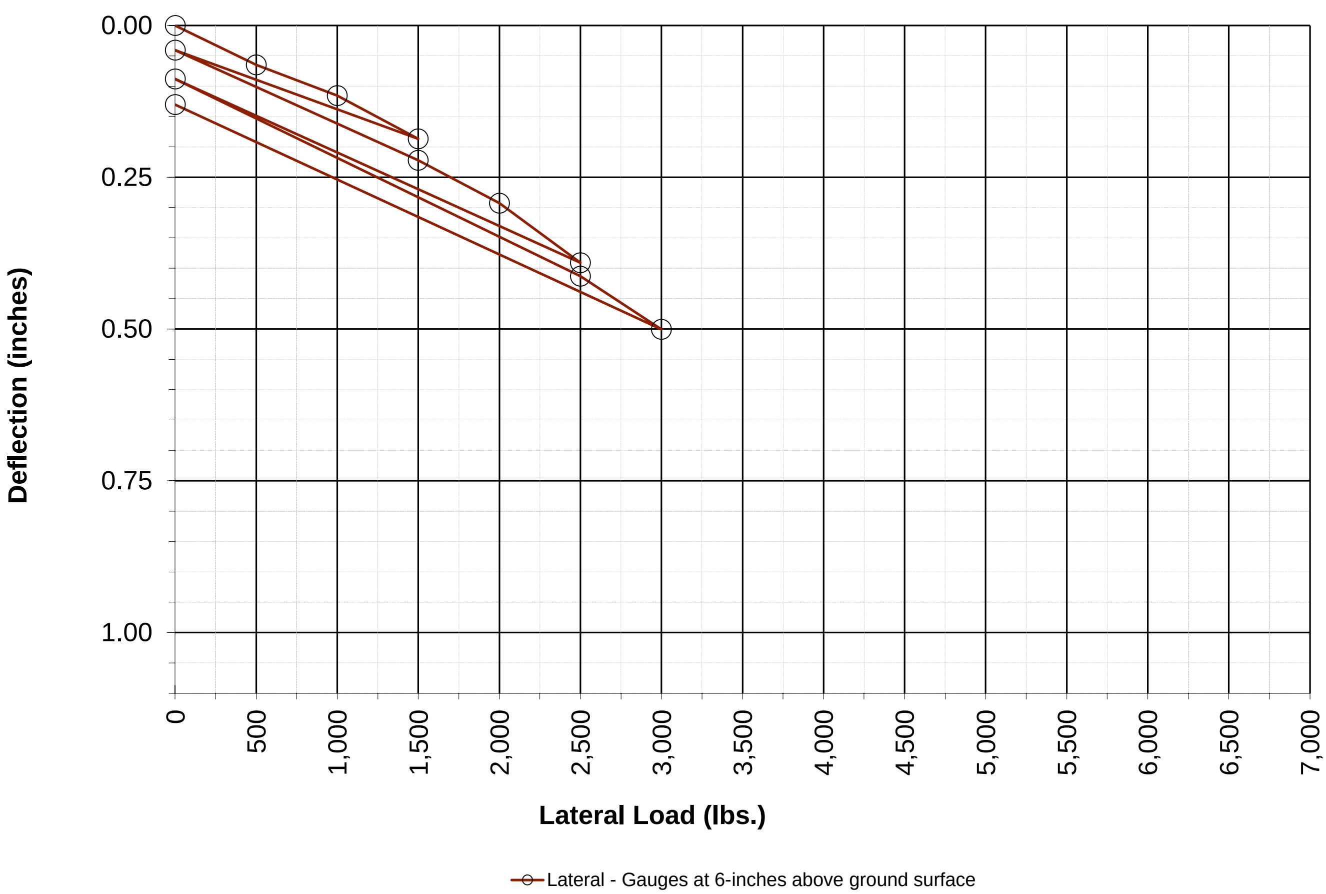
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-59A
Group Latitude [deg.]:	36.4757
Group Longitude [deg.]:	-120.2303
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	35

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.065	
14%	1,000	0.116	
21%	1,500	0.187	
0%	0	0.041	
21%	1,500	0.223	
29%	2,000	0.293	
36%	2,500	0.391	
0%	0	0.088	
36%	2,500	0.413	
43%	3,000	0.501	
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0	0.130	



Lateral Load Test Result for PLT-59B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

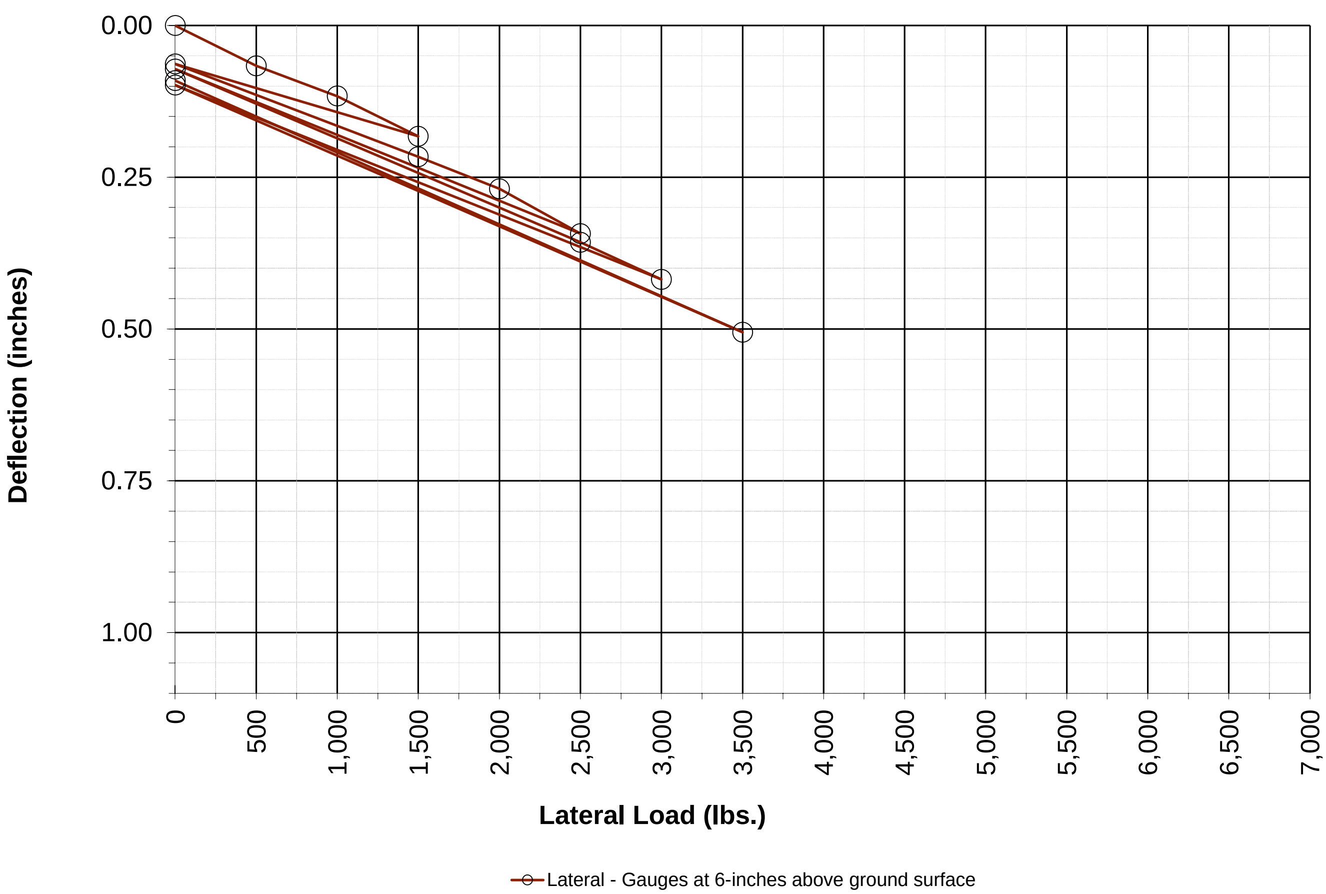
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-59B
Group Latitude [deg.]:	36.4757
Group Longitude [deg.]:	-120.2303
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	67

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.067	
14%	1,000	0.116	
21%	1,500	0.183	
0%	0	0.064	
21%	1,500	0.216	
29%	2,000	0.269	
36%	2,500	0.343	
0%	0	0.072	
36%	2,500	0.357	
43%	3,000	0.419	
50%	3,500		
0%	0	0.098	
50%	3,500	0.505	
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0	0.091	



Lateral Load Test Result for PLT-60A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

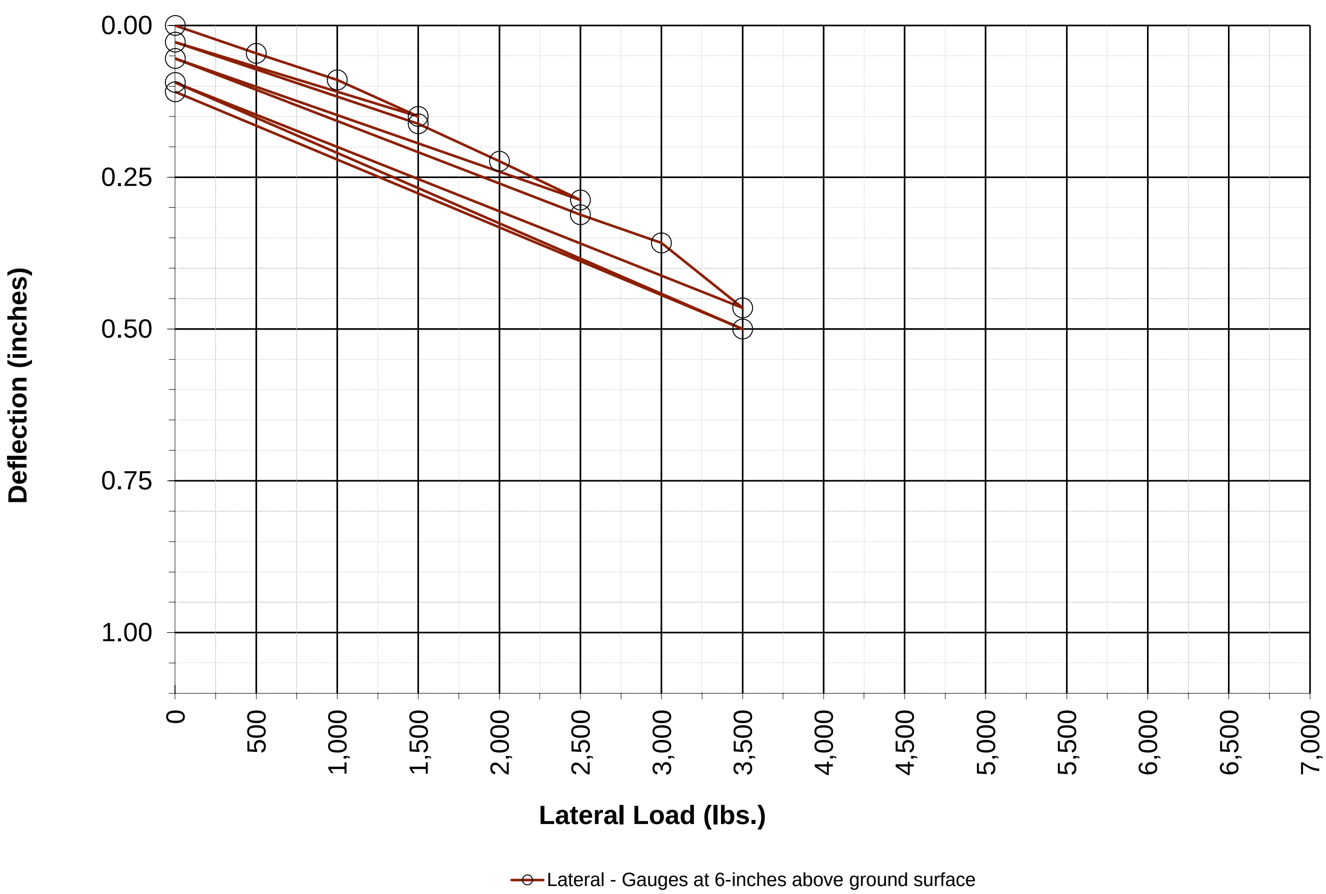
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/4/2023

Pile Information

Pile ID:	PLT-60A
Group Latitude [deg.]:	36.4789
Group Longitude [deg.]:	-120.2347
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	44

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.046	
14%	1,000	0.090	
21%	1,500	0.150	
0%	0	0.028	
21%	1,500	0.162	
29%	2,000	0.224	
36%	2,500	0.288	
0%	0	0.055	
36%	2,500	0.312	
43%	3,000	0.358	
50%	3,500	0.465	
0%	0	0.094	
50%	3,500	0.500	
57%	4,000		
64%	4,500		
0%	0	0.109	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-60B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

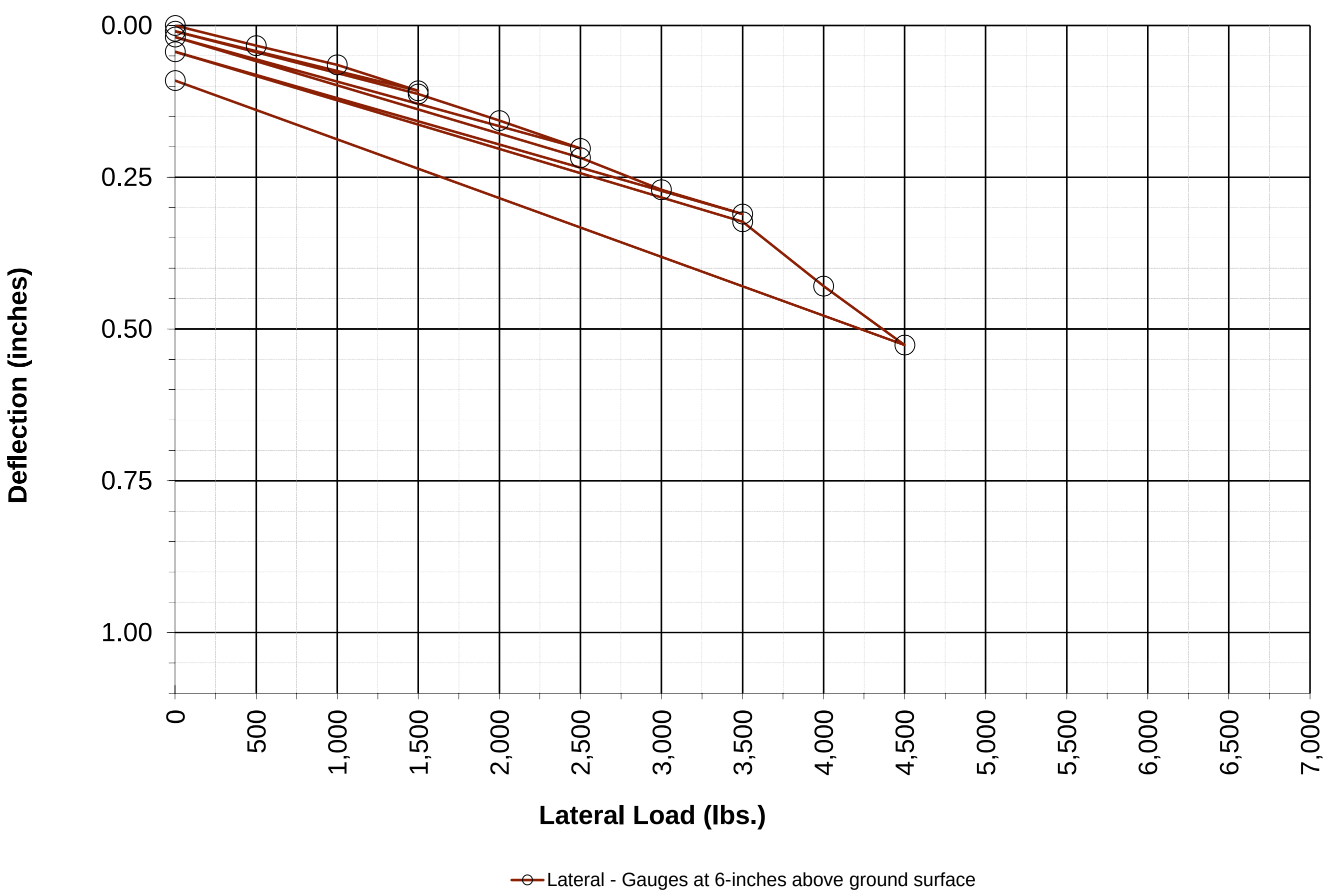
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/4/2023

Pile Information

Pile ID:	PLT-60B
Group Latitude [deg.]:	36.4789
Group Longitude [deg.]:	-120.2347
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	100

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.033	
14%	1,000	0.065	
21%	1,500	0.108	
0%	0	0.010	
21%	1,500	0.113	
29%	2,000	0.157	
36%	2,500	0.203	
0%	0	0.019	
36%	2,500	0.218	
43%	3,000	0.271	
50%	3,500	0.311	
0%	0	0.043	
50%	3,500	0.324	
57%	4,000	0.430	
64%	4,500	0.527	
0%	0	0.091	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-61A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

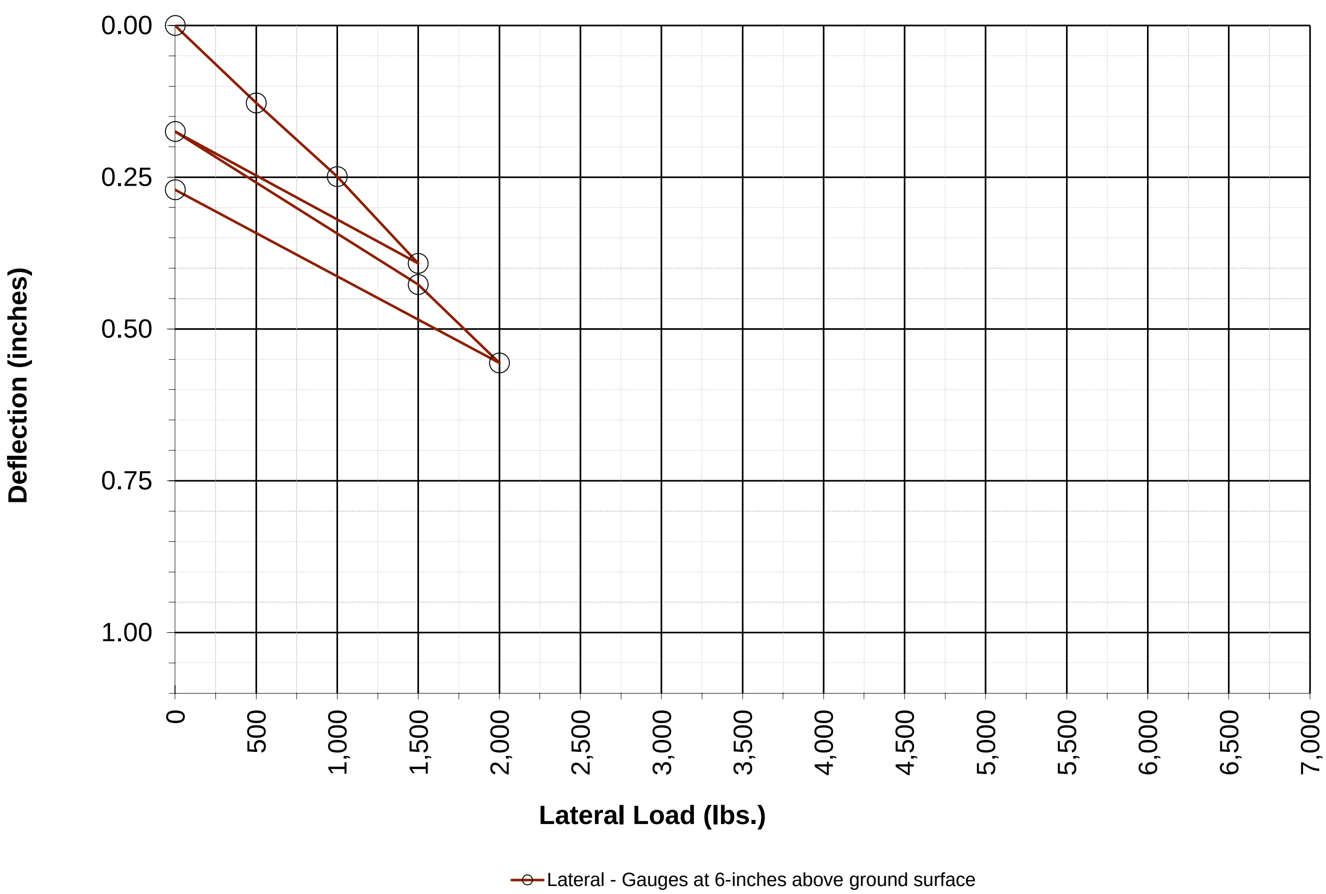
Test Date and Representative

Tested By Terracon Rep:	JM/AA
Date Tested:	5/18/2023

Pile Information

Pile ID:	PLT-61A
Group Latitude [deg.]:	36.4754
Group Longitude [deg.]:	-120.2404
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	29

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.128	
14%	1,000	0.249	
21%	1,500	0.392	
0%	0	0.175	
21%	1,500	0.427	
29%	2,000	0.556	
36%	2,500		
0%	0	0.271	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-61B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

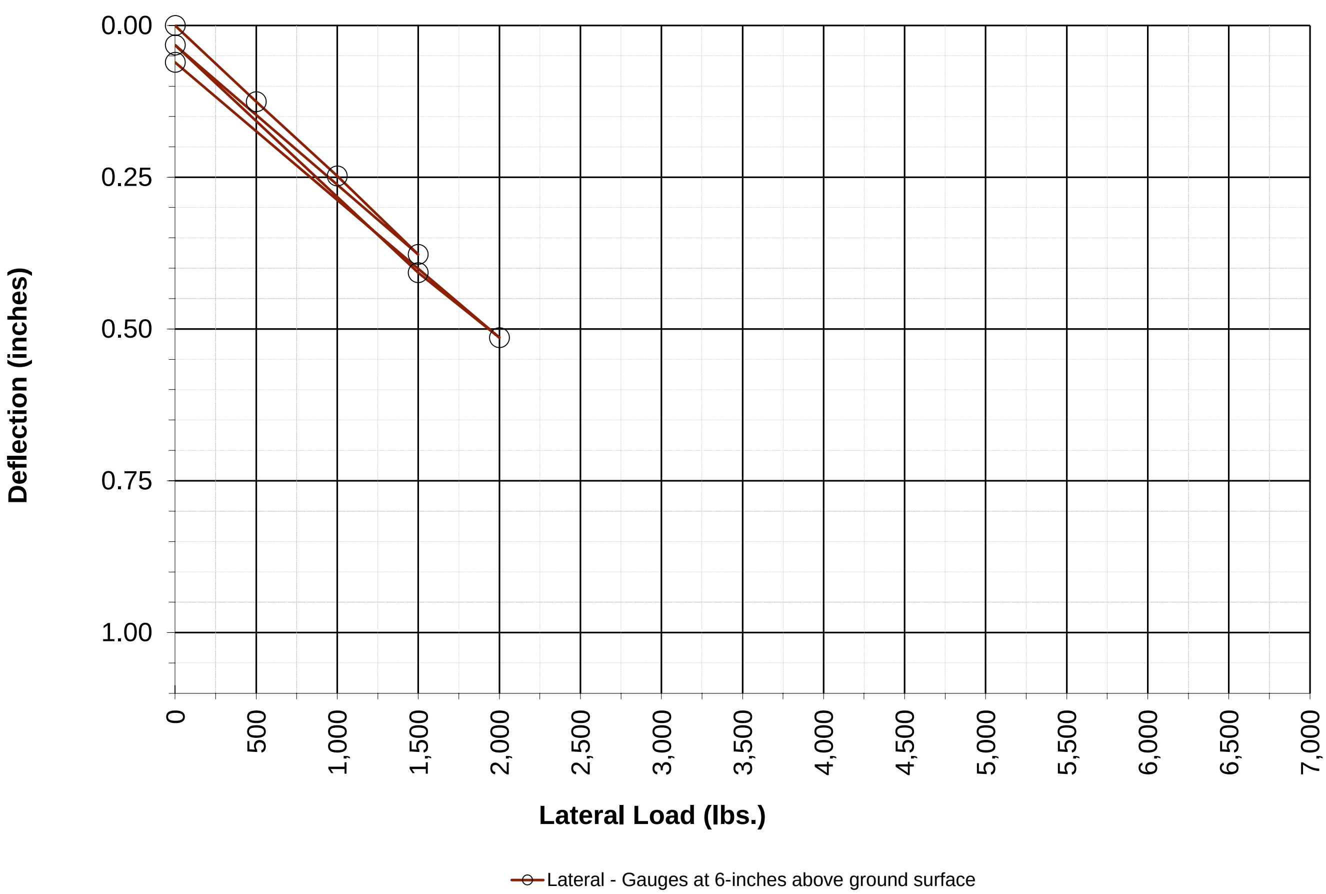
Test Date and Representative

Tested By Terracon Rep:	JM/AA
Date Tested:	5/18/2023

Pile Information

Pile ID:	PLT-61B
Group Latitude [deg.]:	36.4754
Group Longitude [deg.]:	-120.2404
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	58

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.126	
14%	1,000	0.248	
21%	1,500	0.378	
0%	0	0.032	
21%	1,500	0.407	
29%	2,000	0.514	
36%	2,500		
0%	0	0.061	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-62A

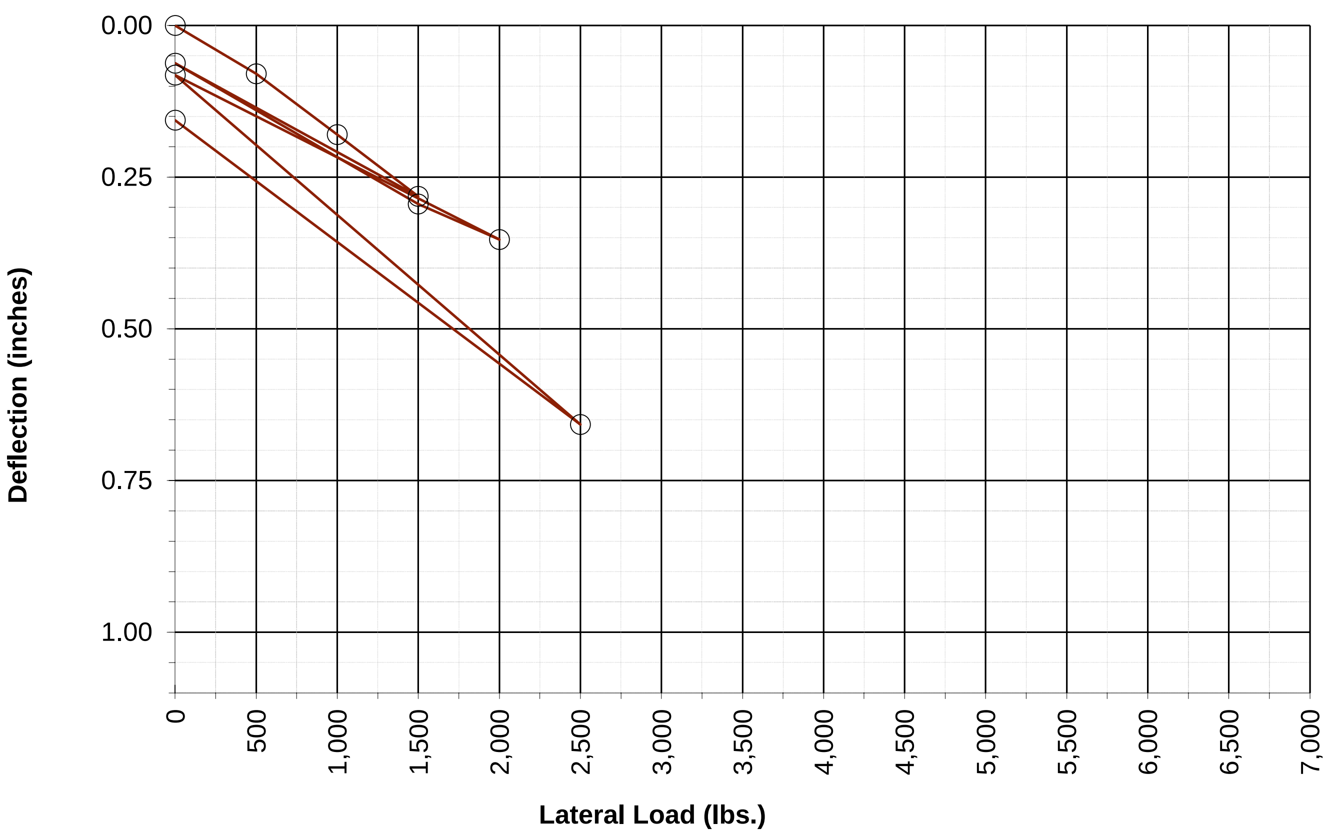
Project Information	
Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up	
Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

Test Date and Representative	
Tested By Terracon Rep:	AT
Date Tested:	6/19/2023

Pile Information	
Pile ID:	PLT-62A
Group Latitude [deg.]:	36.4732
Group Longitude [deg.]:	-120.2470
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	23

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.080	
14%	1,000	0.180	
21%	1,500	0.282	
0%	0	0.062	
21%	1,500	0.294	
29%	2,000	0.353	
36%	2,500		
0%	0	0.082	
36%	2,500	0.658	
43%	3,000		
50%	3,500		
0%	0	0.156	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral - Gauges at 6-inches above ground surface

Lateral Load Test Result for PLT-62B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

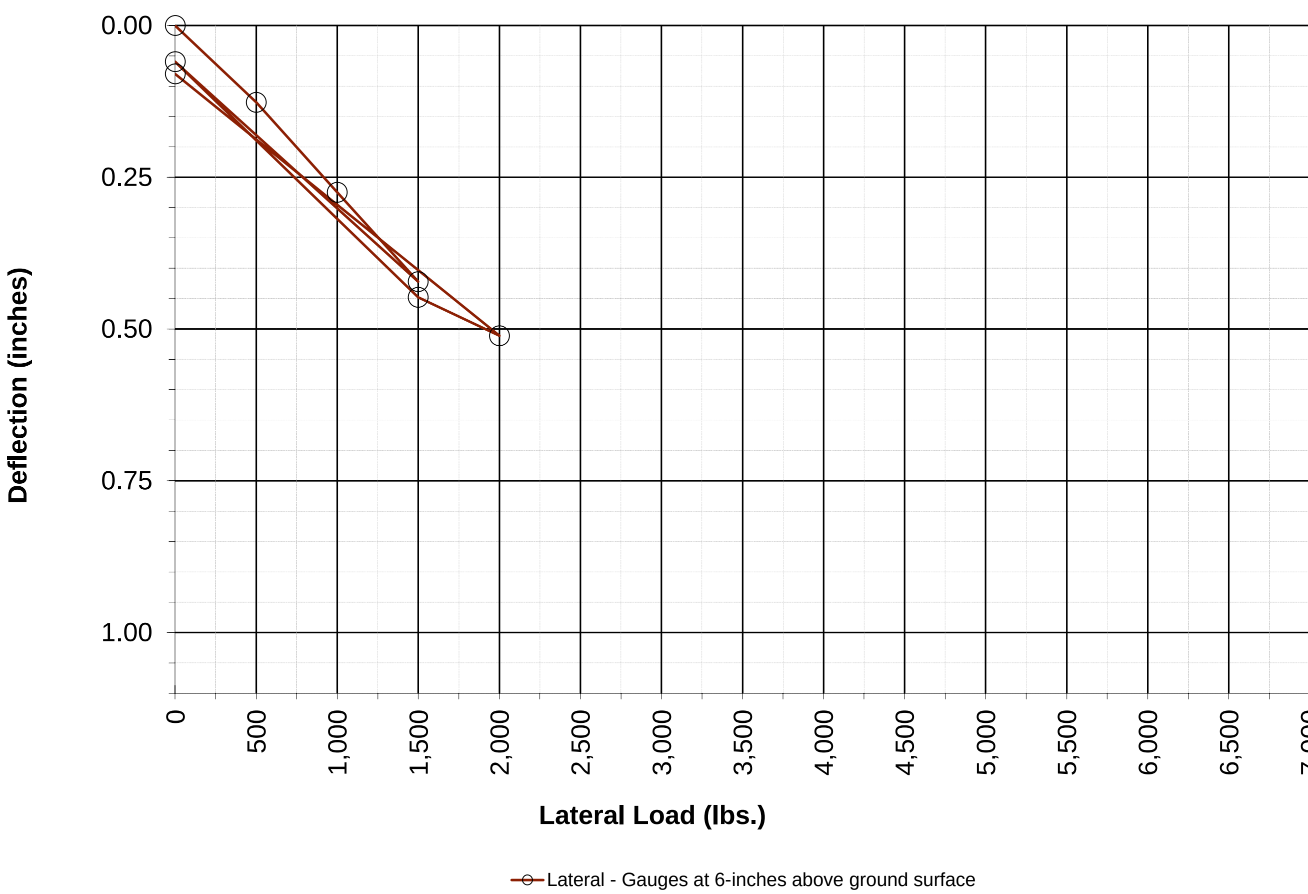
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/19/2023

Pile Information

Pile ID:	PLT-62B
Group Latitude [deg.]:	36.4732
Group Longitude [deg.]:	-120.2470
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	40

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.127	
14%	1,000	0.275	
21%	1,500	0.422	
0%	0	0.060	
21%	1,500	0.448	
29%	2,000	0.511	
36%	2,500		
0%	0	0.080	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-63A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

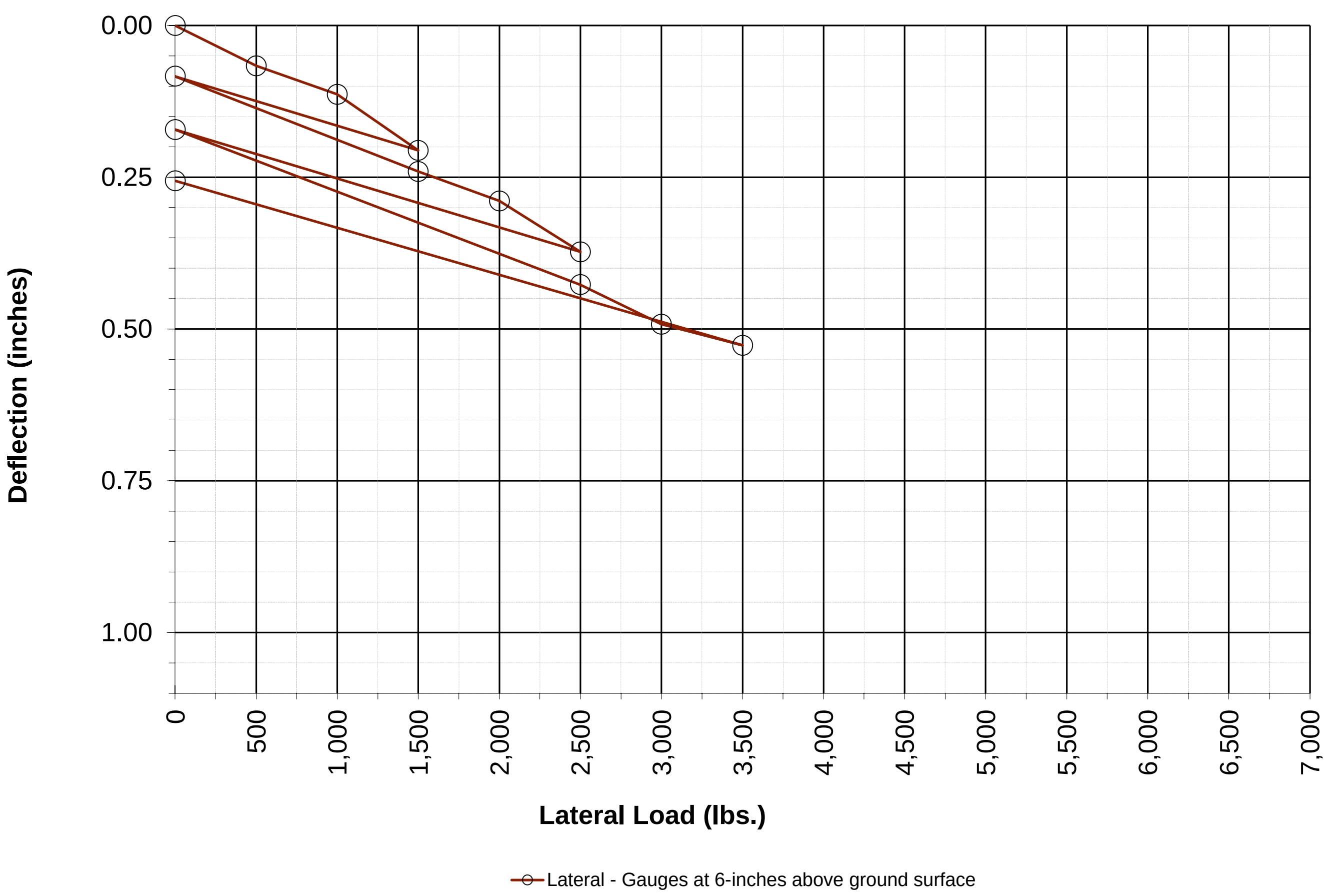
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/22/2023

Pile Information

Pile ID:	PLT-63A
Group Latitude [deg.]:	36.4722
Group Longitude [deg.]:	-120.1869
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	27

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.067	
14%	1,000	0.114	
21%	1,500	0.206	
0%	0	0.084	
21%	1,500	0.241	
29%	2,000	0.289	
36%	2,500	0.373	
0%	0	0.172	
36%	2,500	0.427	
43%	3,000	0.492	
50%	3,500	0.527	
0%	0	0.256	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-63B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

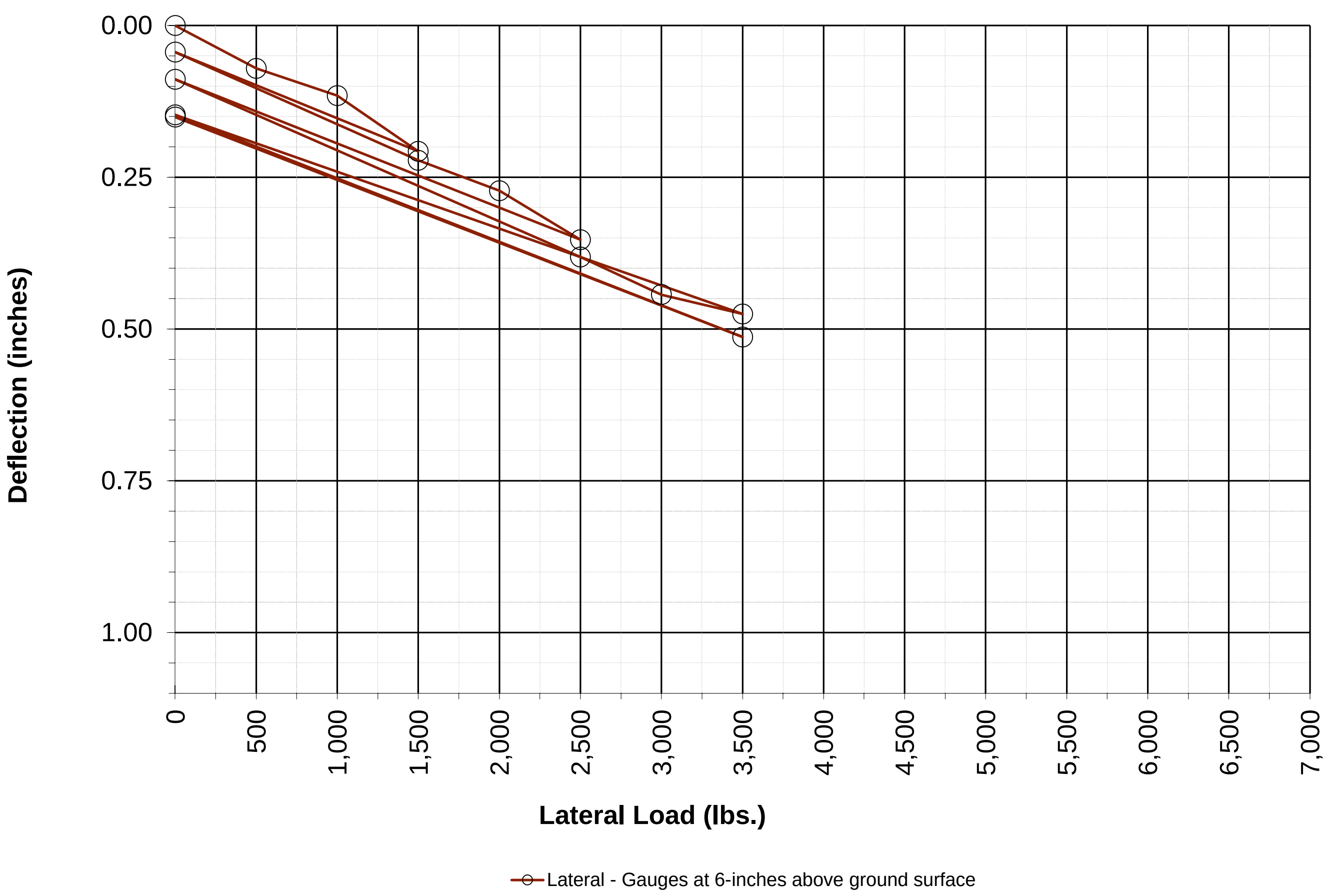
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/22/2023

Pile Information

Pile ID:	PLT-63B
Group Latitude [deg.]:	36.4722
Group Longitude [deg.]:	-120.1869
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	59

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.071	
14%	1,000	0.116	
21%	1,500	0.207	
0%	0	0.044	
21%	1,500	0.223	
29%	2,000	0.272	
36%	2,500	0.353	
0%	0	0.089	
36%	2,500	0.381	
43%	3,000	0.443	
50%	3,500	0.475	
0%	0	0.147	
50%	3,500	0.513	
57%	4,000		
64%	4,500		
0%	0	0.151	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-64A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

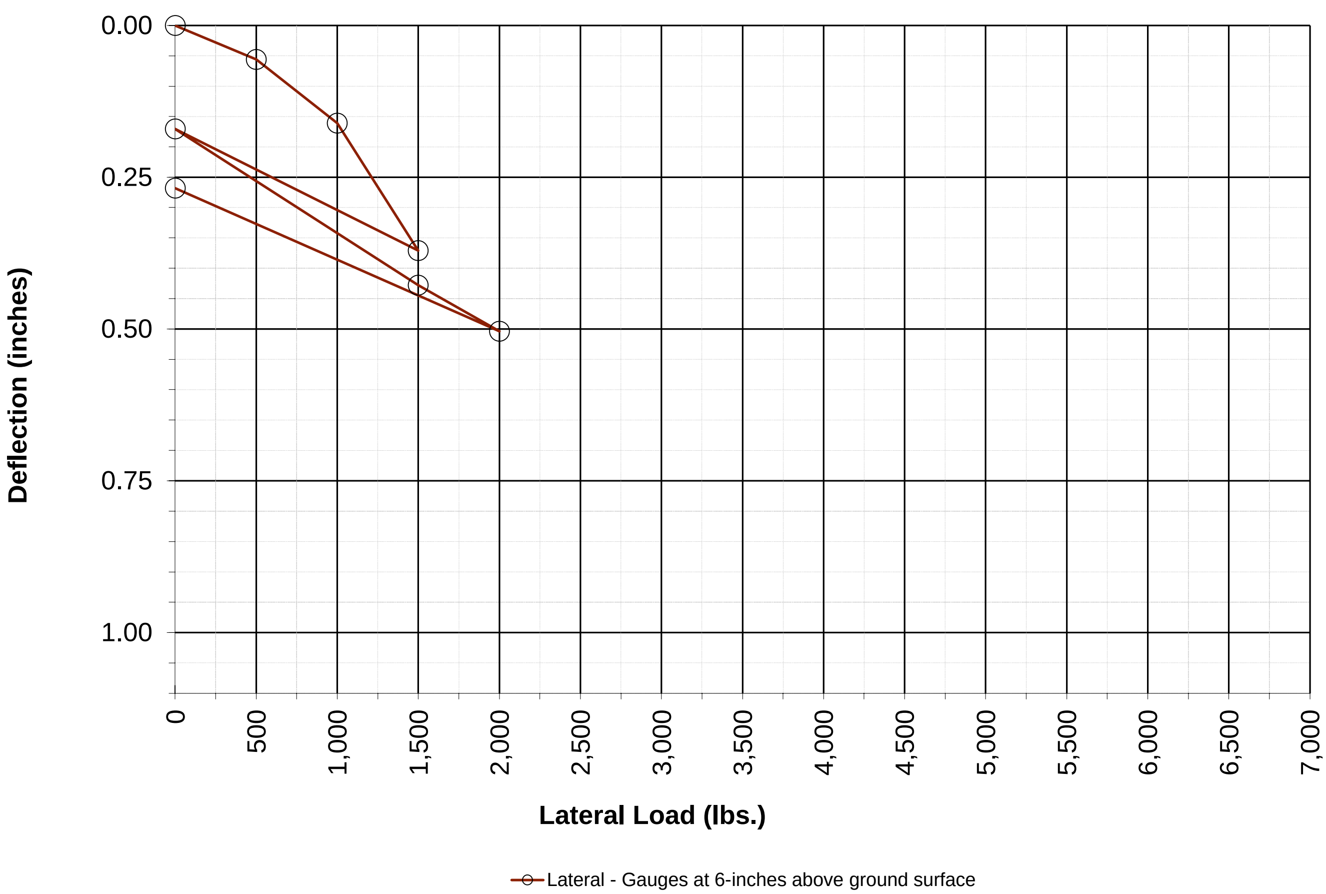
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	2/22/2023

Pile Information

Pile ID:	PLT-64A
Group Latitude [deg.]:	36.4653
Group Longitude [deg.]:	-120.1857
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	53

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.056	
14%	1,000	0.161	
21%	1,500	0.371	
0%	0	0.171	
21%	1,500	0.428	
29%	2,000	0.504	
36%	2,500		
0%	0	0.268	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-64B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

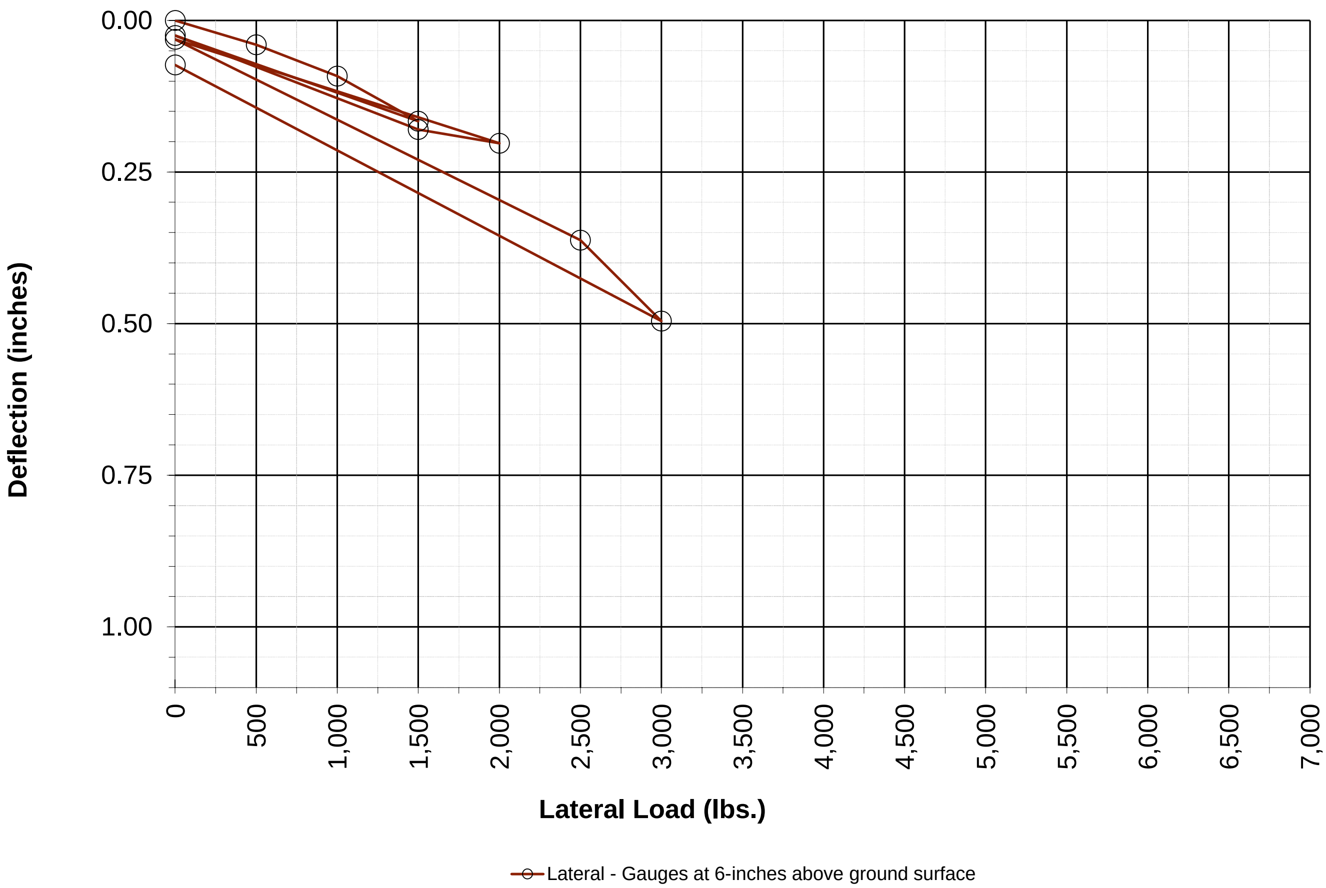
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	2/22/2023

Pile Information

Pile ID:	PLT-64B
Group Latitude [deg.]:	36.4653
Group Longitude [deg.]:	-120.1857
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	18

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.040	
14%	1,000	0.092	
21%	1,500	0.167	
0%	0	0.025	
21%	1,500	0.180	
29%	2,000	0.203	
36%	2,500		
0%	0	0.032	
36%	2,500	0.363	
43%	3,000	0.496	
50%	3,500		
0%	0	0.074	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-65A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

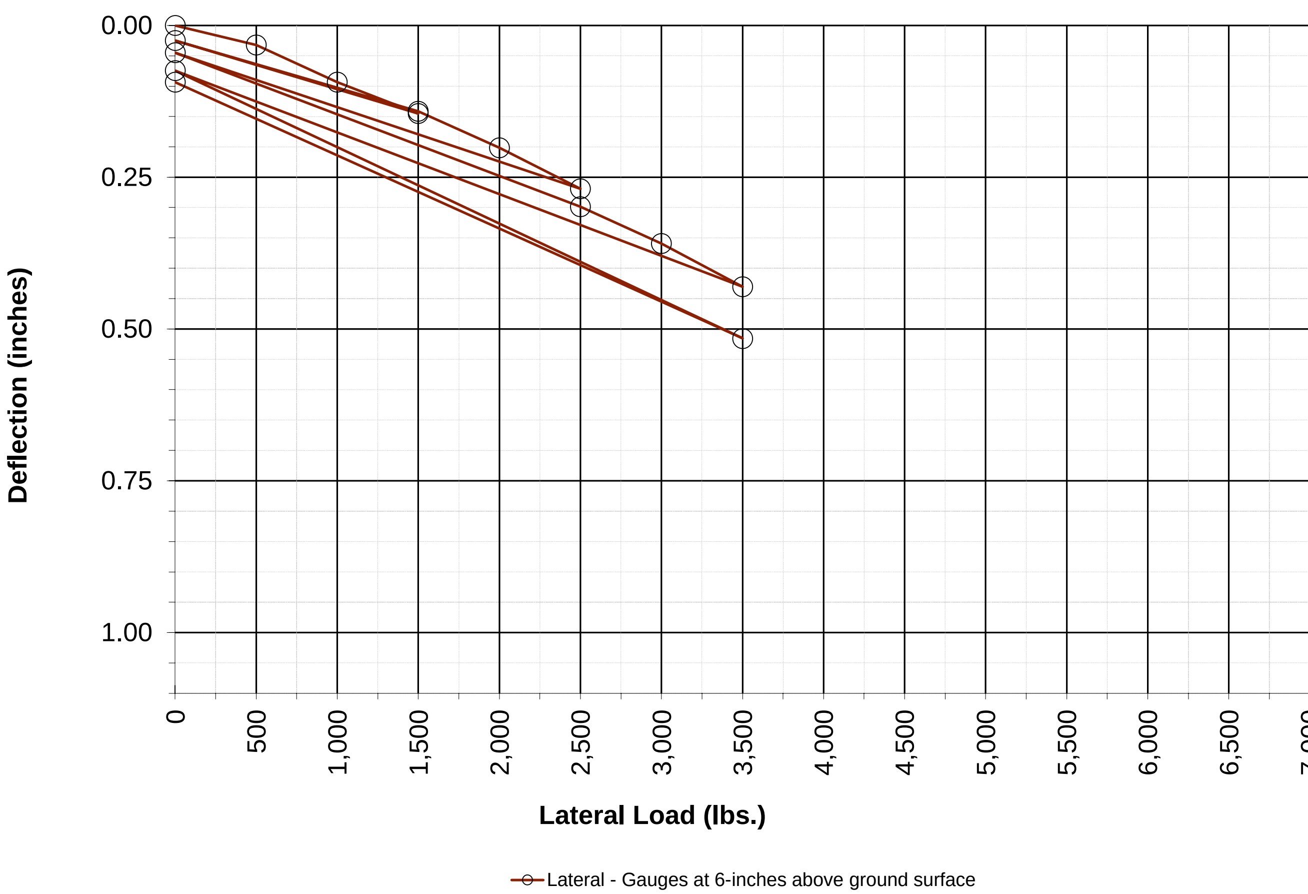
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	2/22/2023

Pile Information

Pile ID:	PLT-65A
Group Latitude [deg.]:	36.4673
Group Longitude [deg.]:	-120.1930
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	33

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.032	
14%	1,000	0.094	
21%	1,500	0.145	
0%	0	0.025	
21%	1,500	0.141	
29%	2,000	0.202	
36%	2,500	0.269	
0%	0	0.045	
36%	2,500	0.299	
43%	3,000	0.360	
50%	3,500	0.431	
0%	0	0.074	
50%	3,500	0.516	
57%	4,000		
64%	4,500		
0%	0	0.094	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-65B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

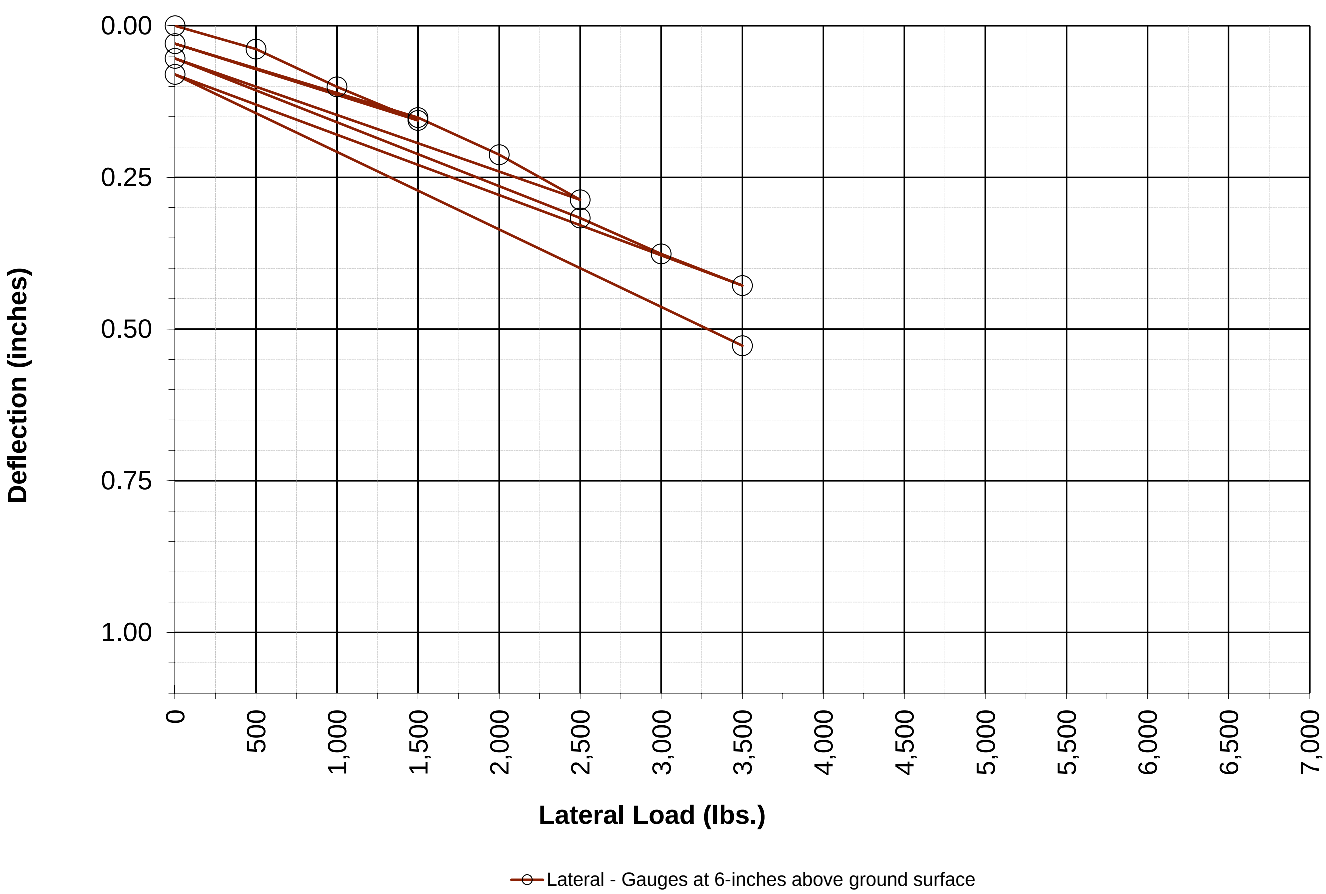
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	2/22/2023

Pile Information

Pile ID:	PLT-65B
Group Latitude [deg.]:	36.4673
Group Longitude [deg.]:	-120.1930
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	83

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.039	
14%	1,000	0.101	
21%	1,500	0.156	
0%	0	0.030	
21%	1,500	0.152	
29%	2,000	0.213	
36%	2,500	0.287	
0%	0	0.054	
36%	2,500	0.317	
43%	3,000	0.376	
50%	3,500	0.428	
0%	0	0.080	
50%	3,500	0.528	
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-66A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

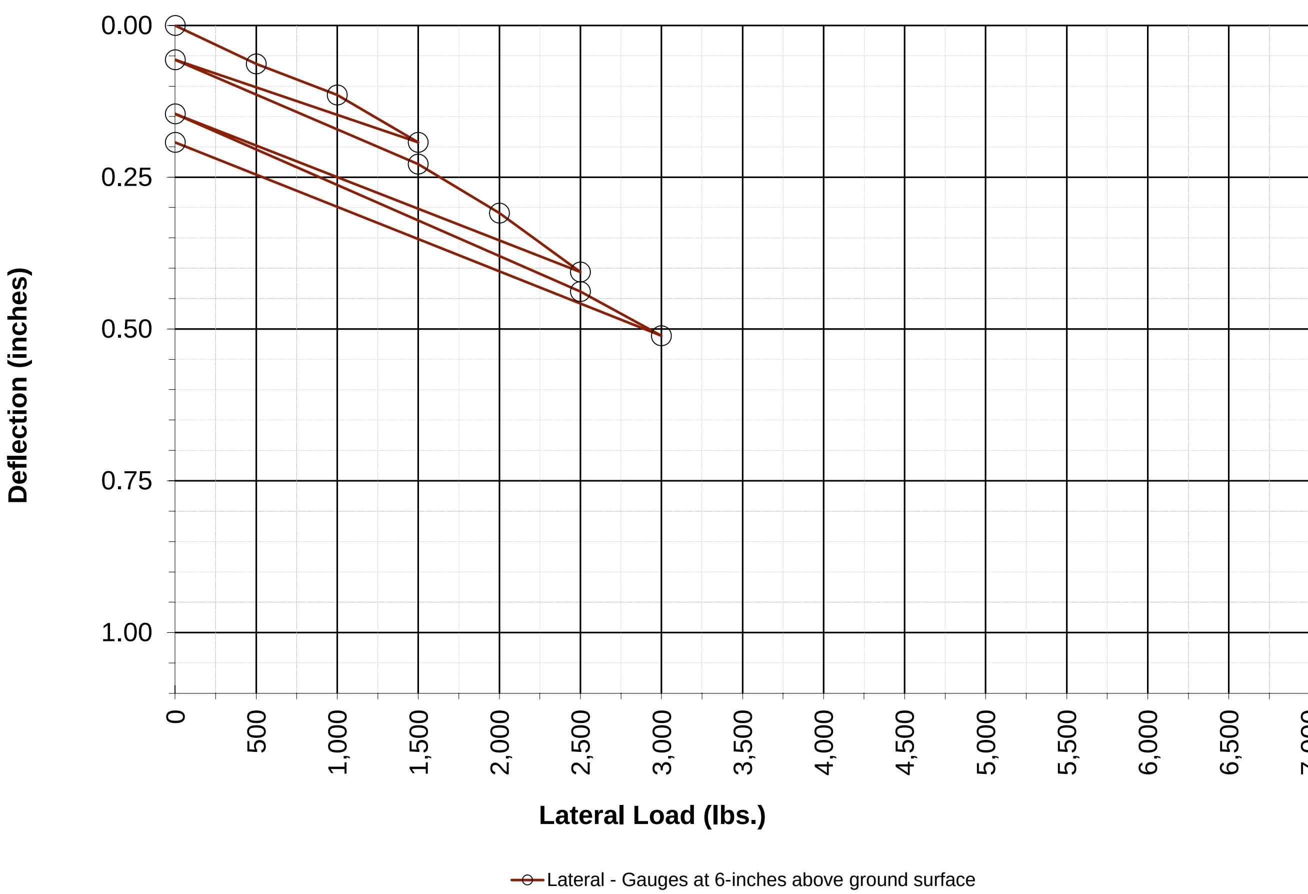
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/21/2023

Pile Information

Pile ID:	PLT-66A
Group Latitude [deg.]:	36.4591
Group Longitude [deg.]:	-120.1926
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	28

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.064	
14%	1,000	0.115	
21%	1,500	0.193	
0%	0	0.057	
21%	1,500	0.229	
29%	2,000	0.309	
36%	2,500	0.406	
0%	0	0.146	
36%	2,500	0.439	
43%	3,000	0.511	
50%	3,500		
0%	0	0.193	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-66B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

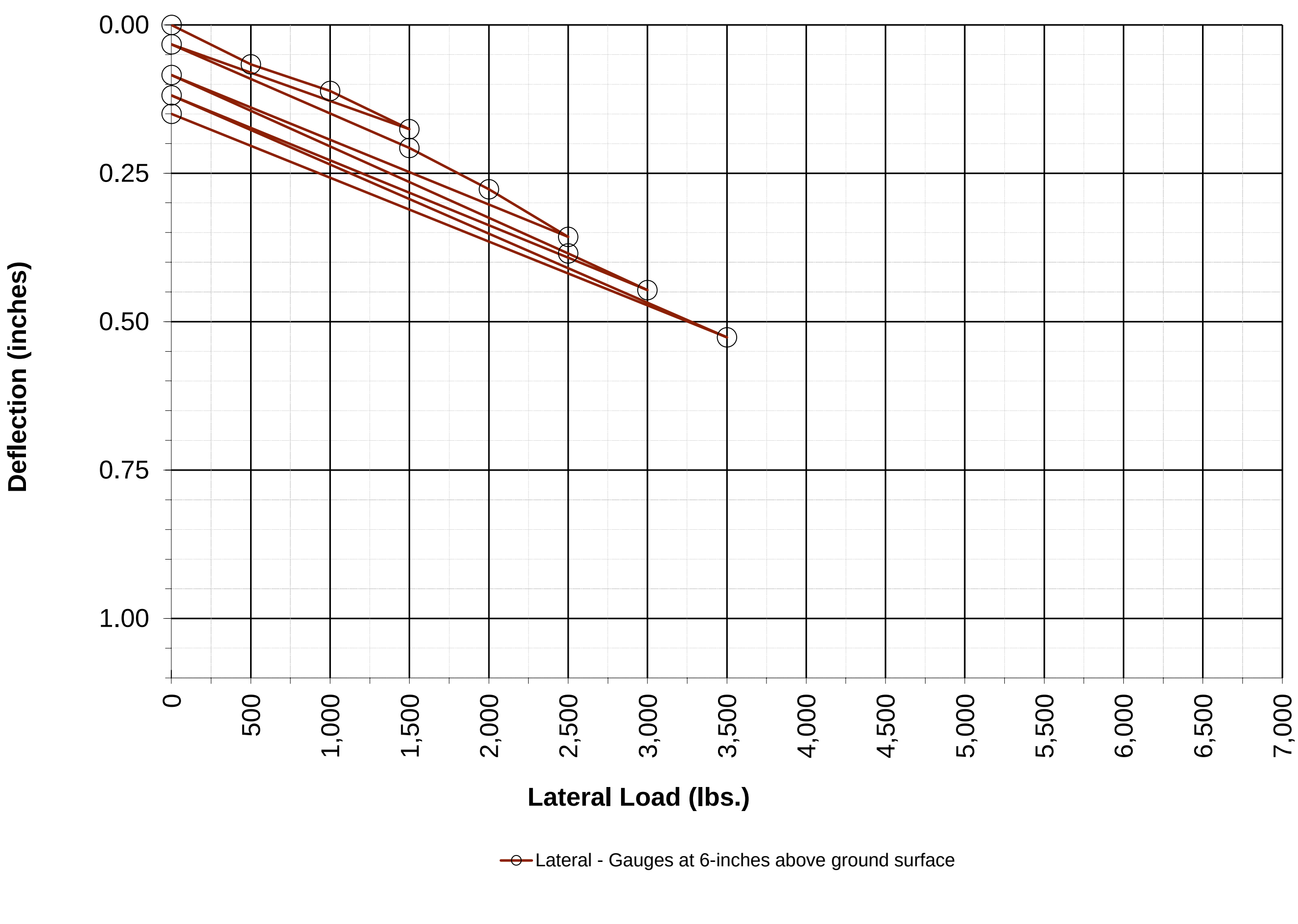
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/21/2023

Pile Information

Pile ID:	PLT-66B
Group Latitude [deg.]:	36.4591
Group Longitude [deg.]:	-120.1926
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	57

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.067	
14%	1,000	0.112	
21%	1,500	0.176	
0%	0	0.033	
21%	1,500	0.208	
29%	2,000	0.277	
36%	2,500	0.358	
0%	0	0.084	
36%	2,500	0.385	
43%	3,000	0.447	
50%	3,500		
0%	0	0.119	
50%	3,500	0.527	
57%	4,000		
64%	4,500		
0%	0	0.150	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-67A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

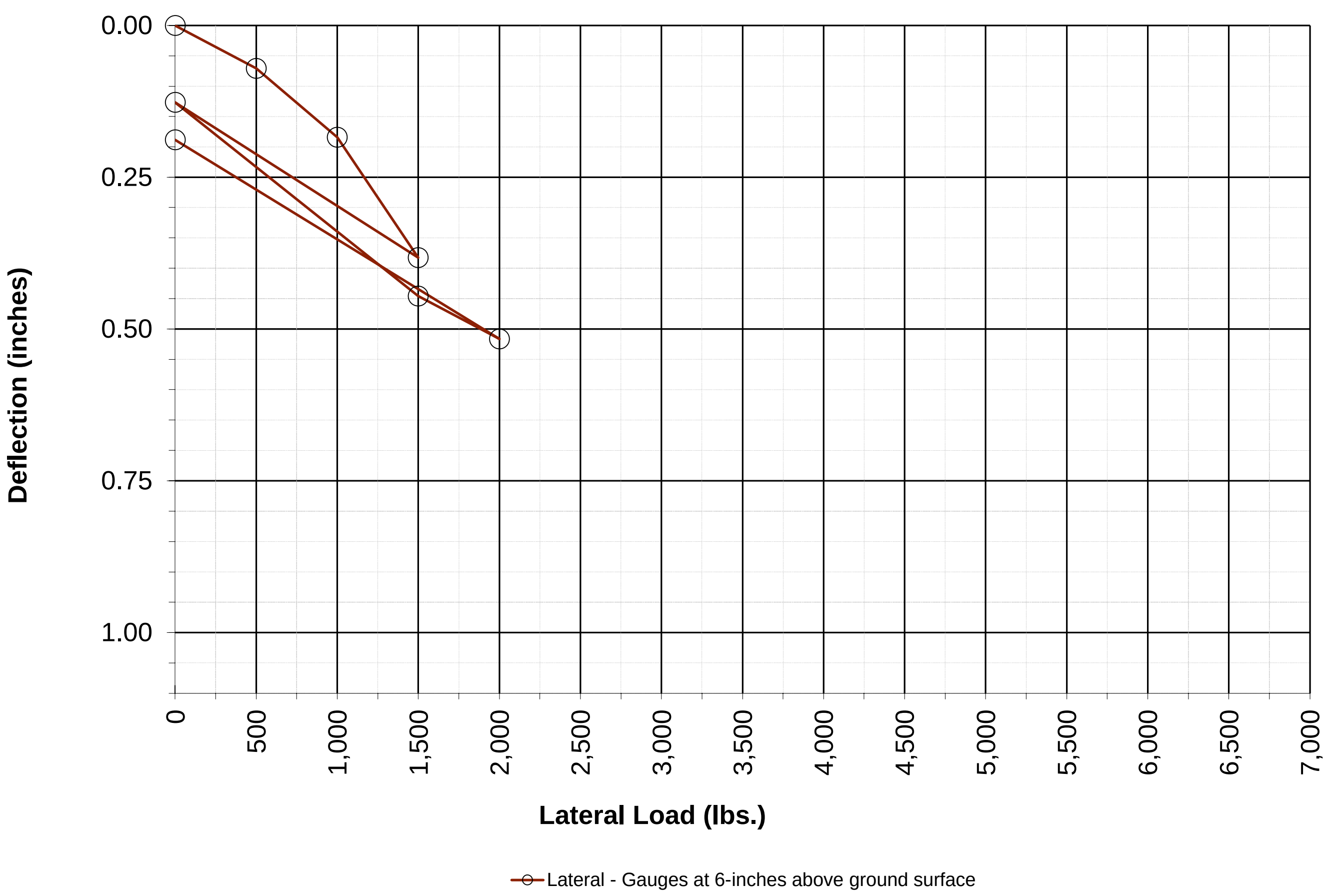
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-67A
Group Latitude [deg.]:	36.4688
Group Longitude [deg.]:	-120.1799
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	15

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.071	
14%	1,000	0.184	
21%	1,500	0.382	
0%	0	0.127	
21%	1,500	0.446	
29%	2,000	0.517	
36%	2,500		
0%	0	0.189	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-67B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

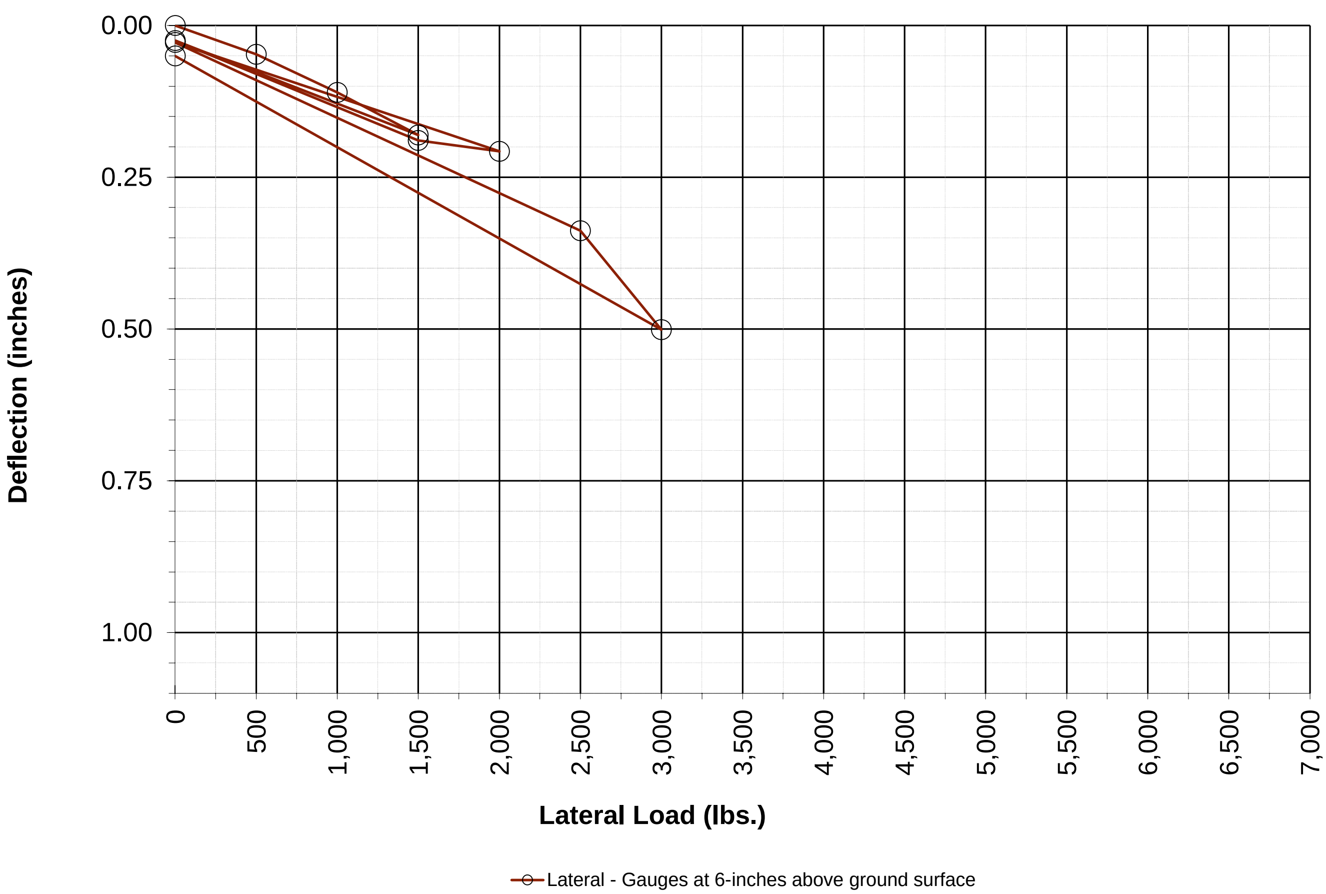
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-67B
Group Latitude [deg.]:	36.4688
Group Longitude [deg.]:	-120.1799
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	47

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.048	
14%	1,000	0.110	
21%	1,500	0.181	
0%	0	0.025	
21%	1,500	0.189	
29%	2,000	0.208	
36%	2,500		
0%	0	0.028	
36%	2,500	0.338	
43%	3,000	0.501	
50%	3,500		
0%	0	0.051	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-68A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

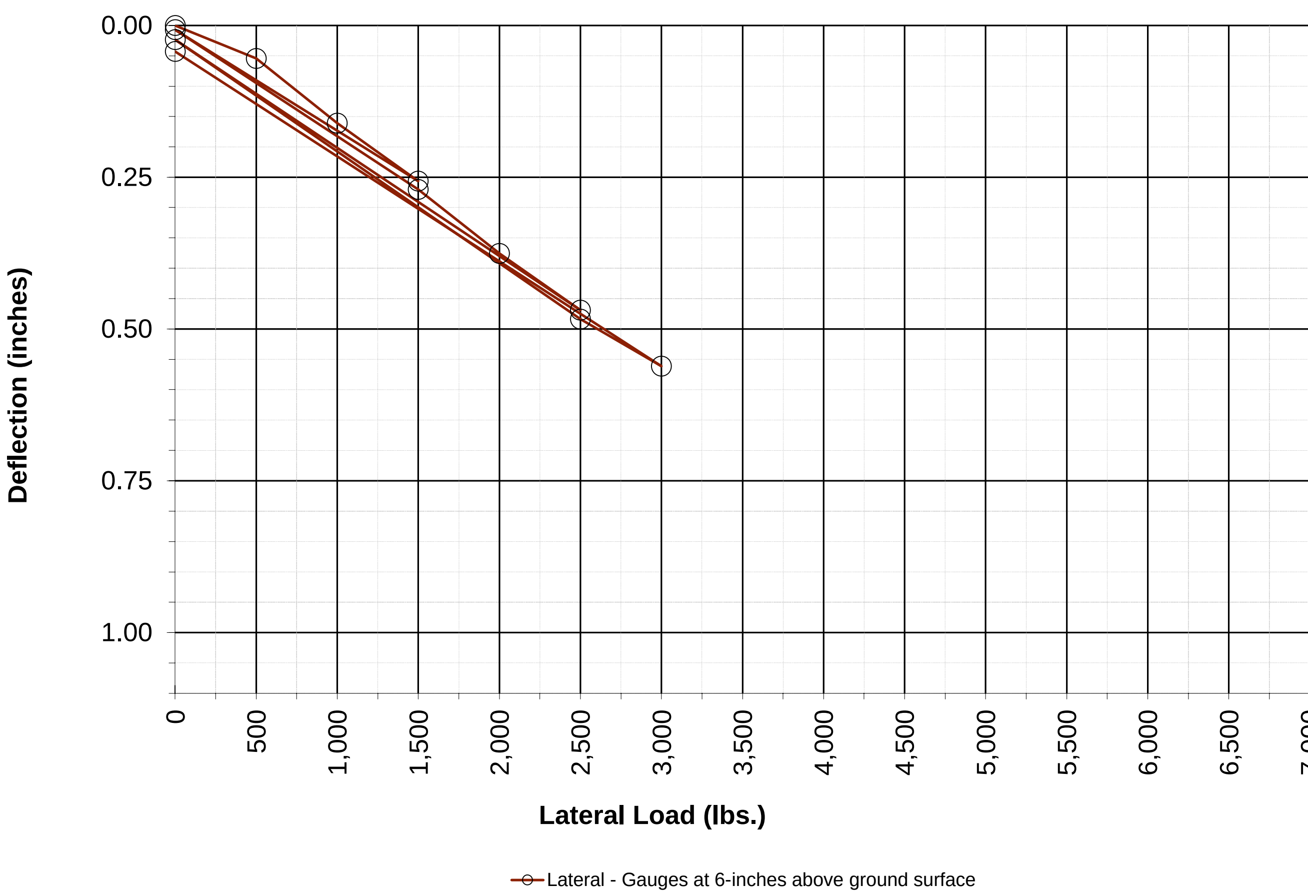
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/4/2023

Pile Information

Pile ID:	PLT-68A
Group Latitude [deg.]:	36.4709
Group Longitude [deg.]:	-120.2205
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	17

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.055	
14%	1,000	0.161	
21%	1,500	0.257	
0%	0	0.007	
21%	1,500	0.270	
29%	2,000	0.375	
36%	2,500	0.469	
0%	0	0.024	
36%	2,500	0.484	
43%	3,000	0.561	
50%	3,500		
0%	0	0.043	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-68B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

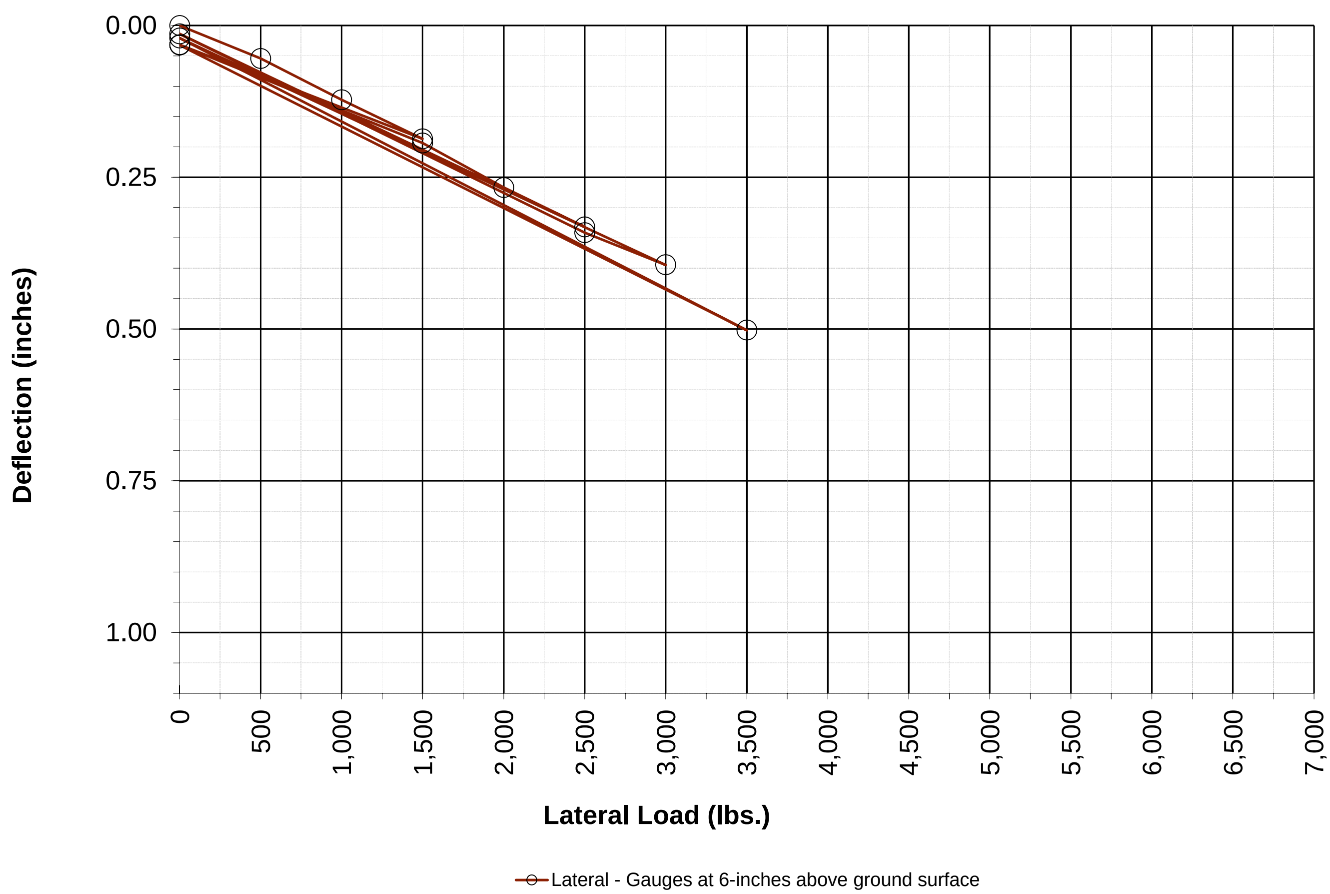
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/4/2023

Pile Information

Pile ID:	PLT-68B
Group Latitude [deg.]:	36.4709
Group Longitude [deg.]:	-120.2205
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	33

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.055	
14%	1,000	0.122	
21%	1,500	0.187	
0%	0	0.032	
21%	1,500	0.194	
29%	2,000	0.267	
36%	2,500	0.332	
0%	0	0.014	
36%	2,500	0.341	
43%	3,000	0.394	
50%	3,500		
0%	0	0.021	
50%	3,500	0.502	
57%	4,000		
64%	4,500		
0%	0	0.032	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-69A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

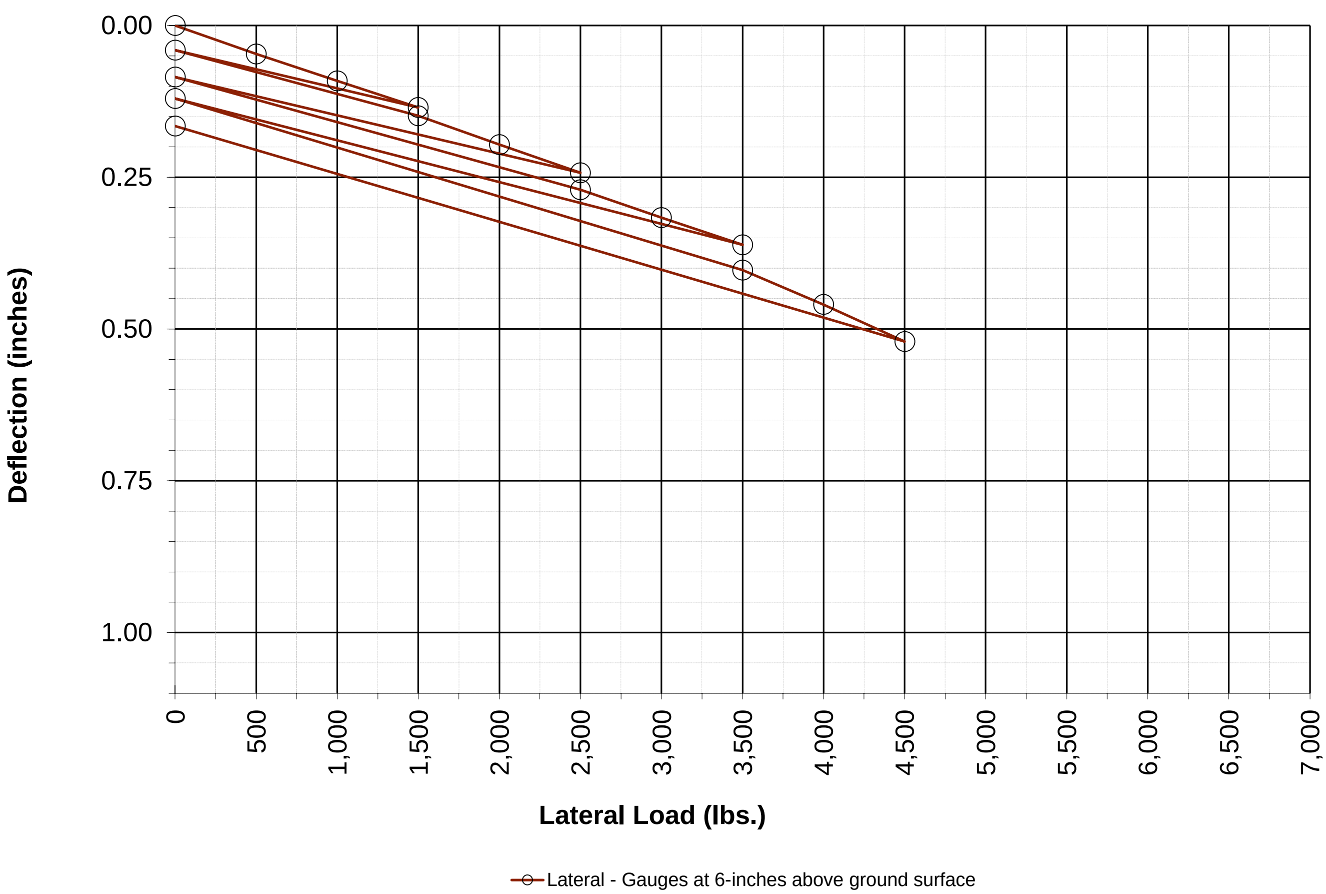
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-69A
Group Latitude [deg.]:	36.4671
Group Longitude [deg.]:	-120.2132
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	36

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.047	
14%	1,000	0.091	
21%	1,500	0.136	
0%	0	0.041	
21%	1,500	0.149	
29%	2,000	0.197	
36%	2,500	0.243	
0%	0	0.085	
36%	2,500	0.271	
43%	3,000	0.317	
50%	3,500	0.361	
0%	0	0.121	
50%	3,500	0.403	
57%	4,000	0.460	
64%	4,500	0.521	
0%	0	0.166	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-69B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

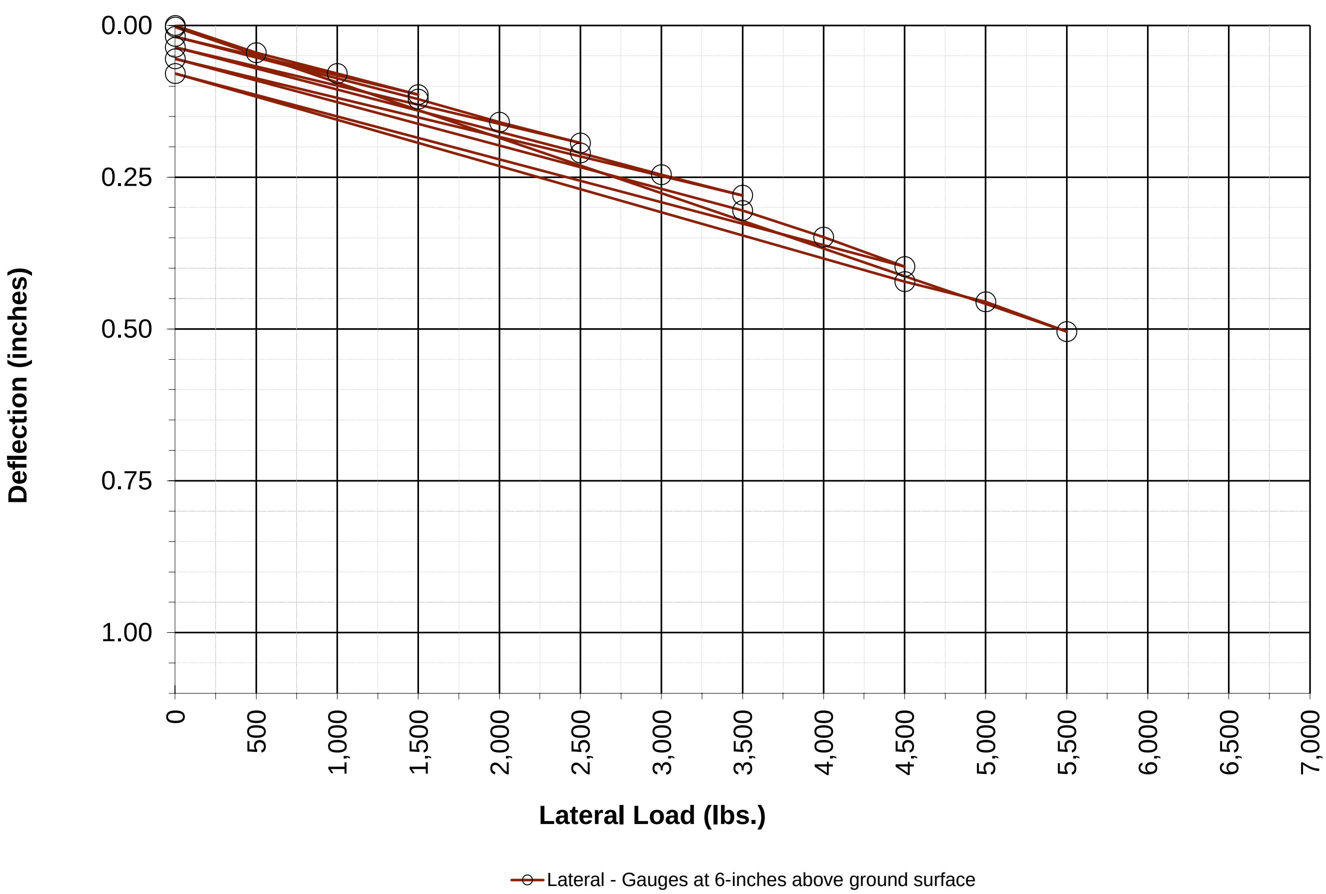
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-69B
Group Latitude [deg.]:	36.4671
Group Longitude [deg.]:	-120.2132
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	67

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.045	
14%	1,000	0.079	
21%	1,500	0.114	
0%	0	0.019	
21%	1,500	0.122	
29%	2,000	0.159	
36%	2,500	0.194	
0%	0	0.036	
36%	2,500	0.210	
43%	3,000	0.246	
50%	3,500	0.280	
0%	0	0.055	
50%	3,500	0.305	
57%	4,000	0.349	
64%	4,500	0.397	
0%	0	0.080	
64%	4,500	0.422	
71%	5,000	0.456	
79%	5,500	0.505	
0%	0	0.003	
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-70A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

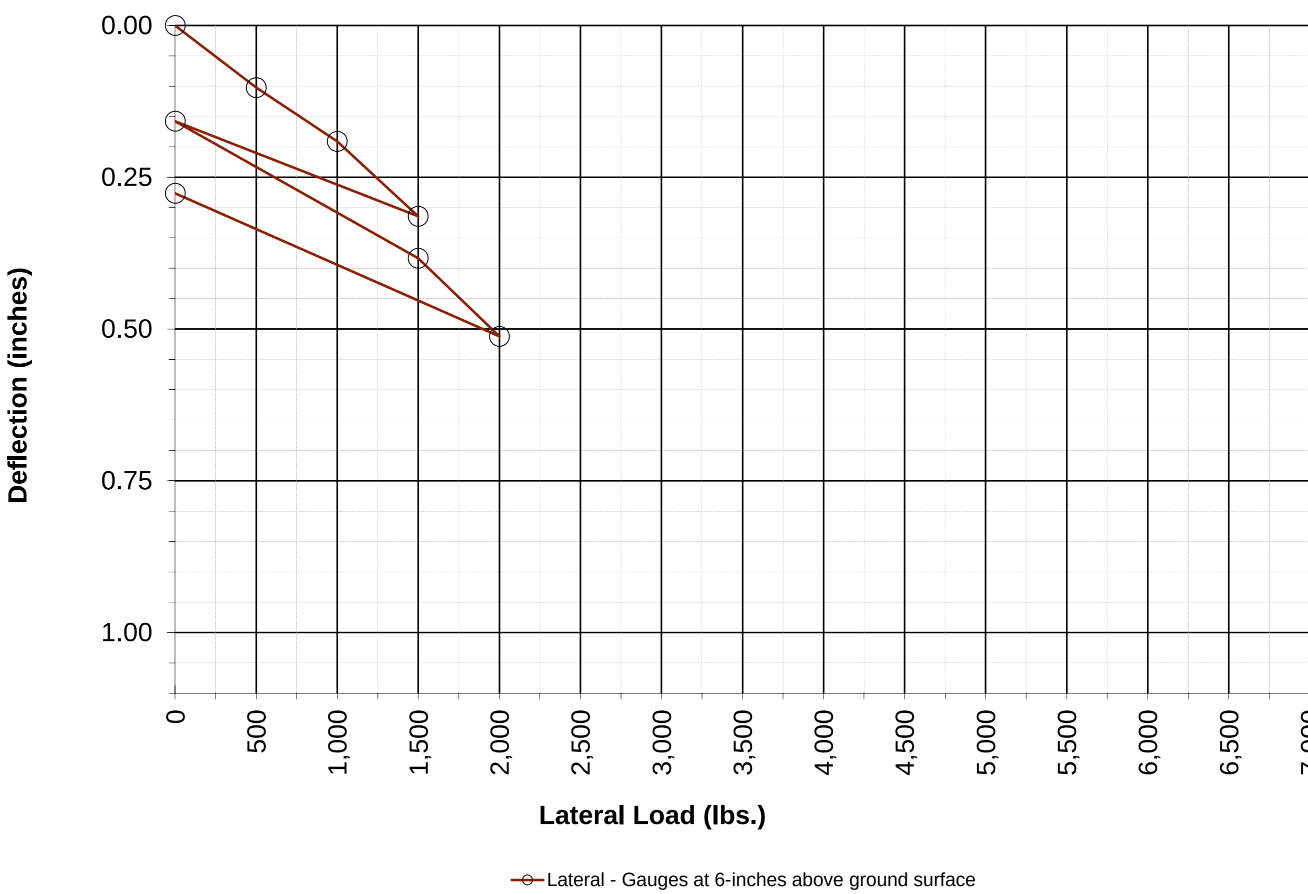
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-70A
Group Latitude [deg.]:	36.4616
Group Longitude [deg.]:	-120.2290
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	12

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.103	
14%	1,000	0.191	
21%	1,500	0.314	
0%	0	0.158	
21%	1,500	0.384	
29%	2,000	0.512	
36%	2,500		
0%	0	0.276	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-70B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

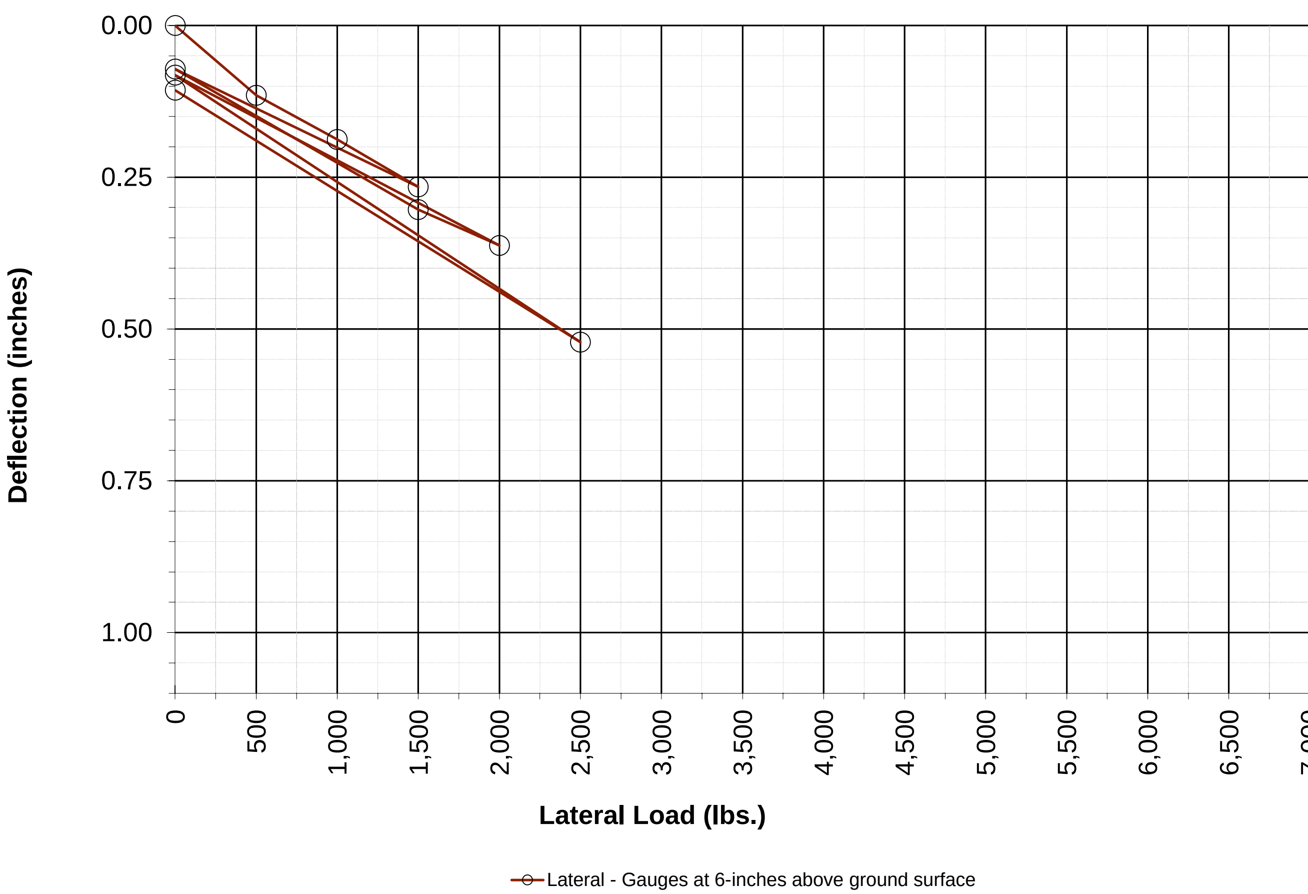
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-70B
Group Latitude [deg.]:	36.4616
Group Longitude [deg.]:	-120.2290
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	22

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.115	
14%	1,000	0.188	
21%	1,500	0.266	
0%	0	0.072	
21%	1,500	0.304	
29%	2,000	0.363	
36%	2,500		
0%	0	0.082	
36%	2,500	0.522	
43%	3,000		
50%	3,500		
0%	0	0.107	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-71A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

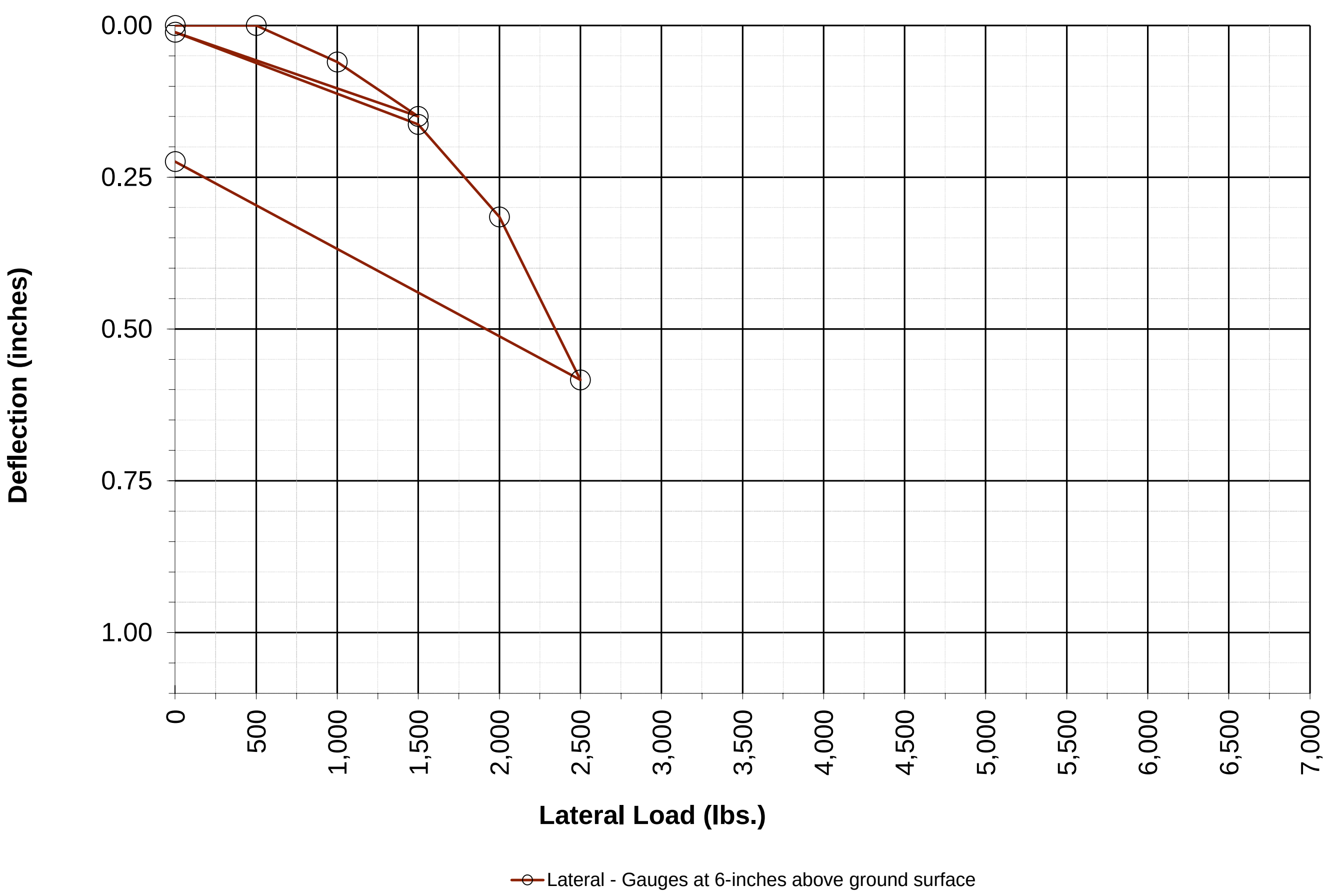
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-71A
Group Latitude [deg.]:	36.4616
Group Longitude [deg.]:	-120.2290
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	28

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.000	
14%	1,000	0.060	
21%	1,500	0.150	
0%	0	0.012	
21%	1,500	0.163	
29%	2,000	0.316	
36%	2,500	0.584	
0%	0	0.224	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-71B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

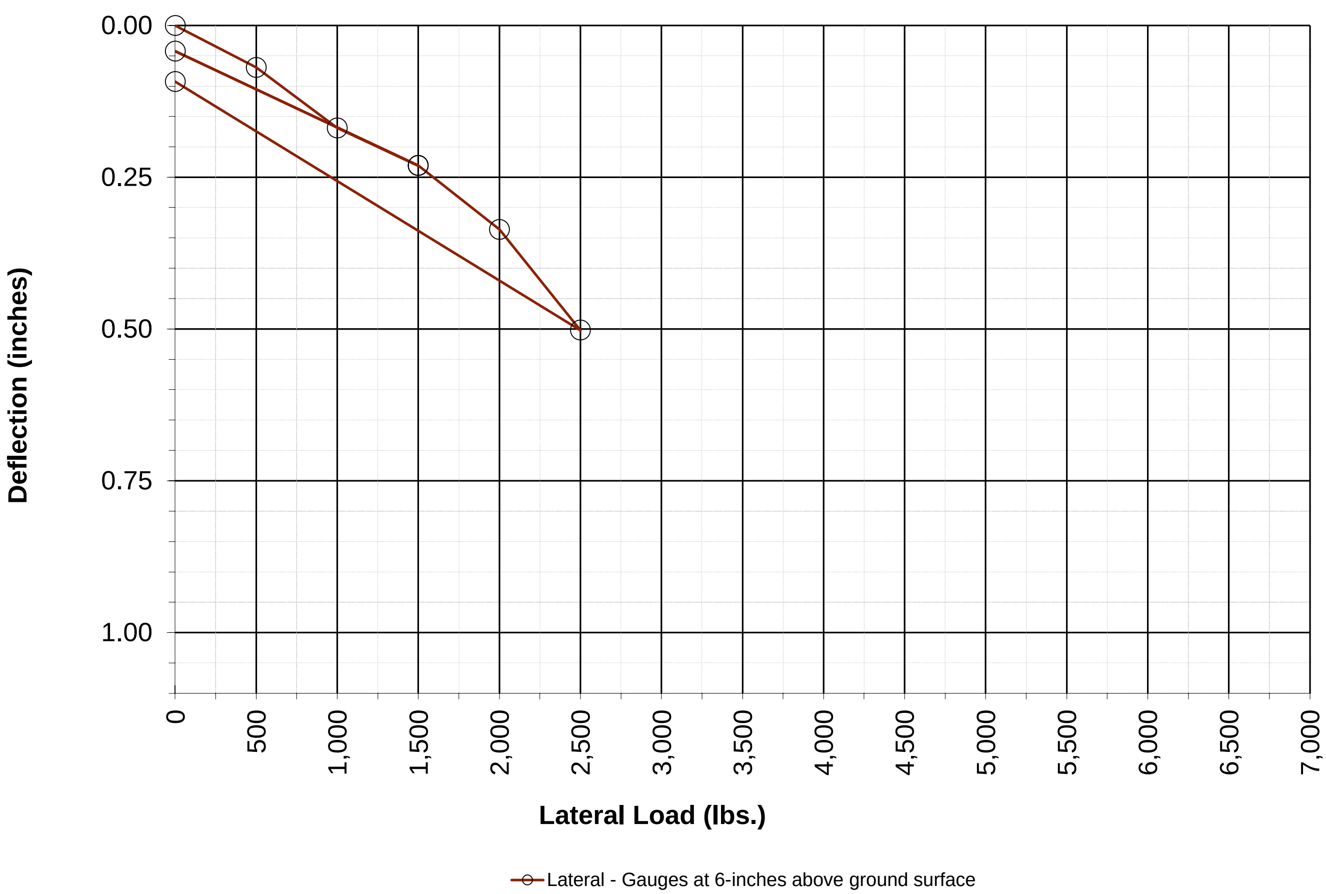
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-71B
Group Latitude [deg.]:	36.4616
Group Longitude [deg.]:	-120.2290
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	37

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.070	
14%	1,000	0.169	
21%	1,500	0.231	
0%	0	0.042	
21%	1,500	0.231	
29%	2,000	0.336	
36%	2,500	0.502	
0%	0	0.093	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-72A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

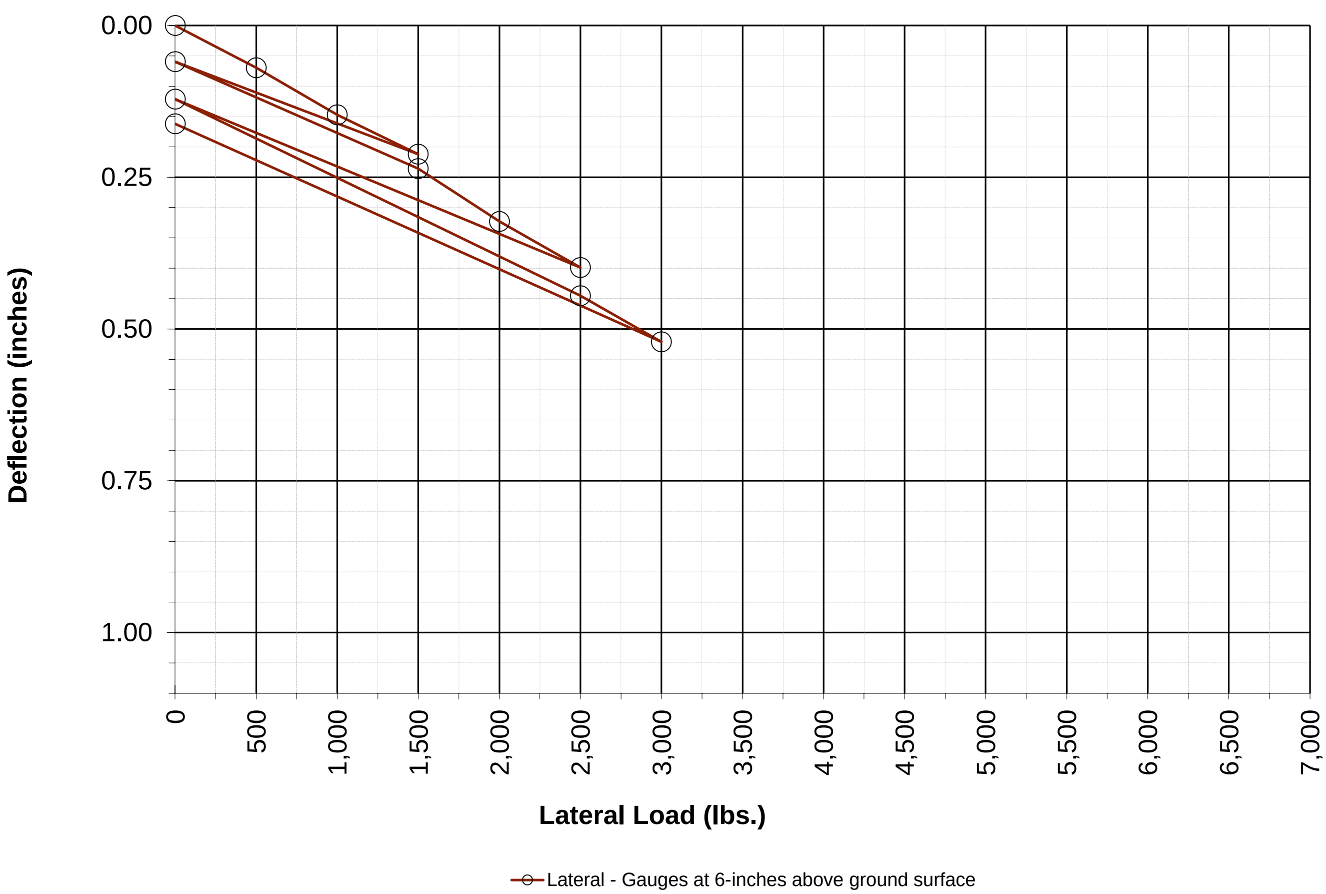
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-72A
Group Latitude [deg.]:	36.4637
Group Longitude [deg.]:	-120.2216
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	20

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.070	
14%	1,000	0.147	
21%	1,500	0.212	
0%	0	0.060	
21%	1,500	0.236	
29%	2,000	0.323	
36%	2,500	0.399	
0%	0	0.121	
36%	2,500	0.446	
43%	3,000	0.521	
50%	3,500		
0%	0	0.162	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-72B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

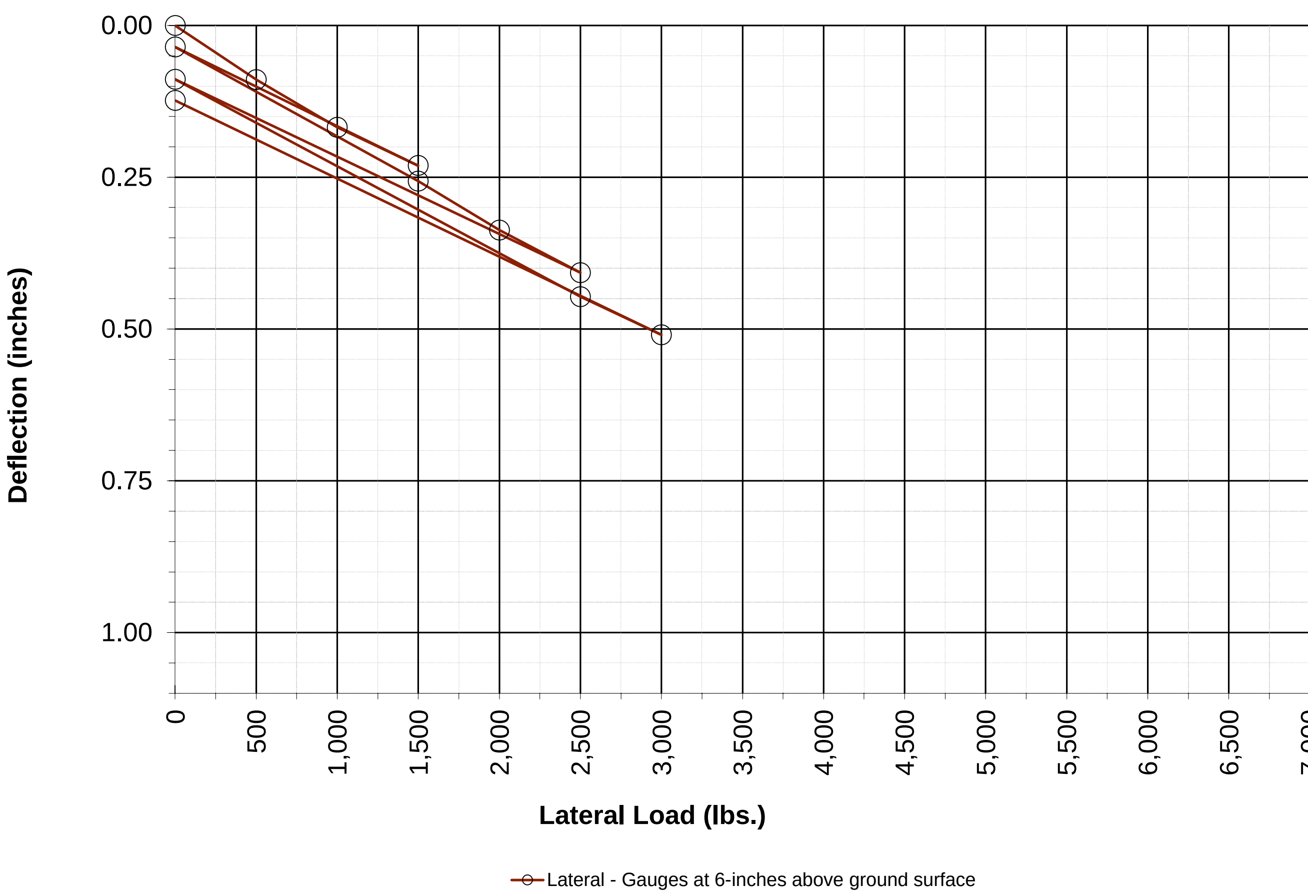
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-72B
Group Latitude [deg.]:	36.4637
Group Longitude [deg.]:	-120.2216
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	37

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.089	
14%	1,000	0.168	
21%	1,500	0.231	
0%	0	0.036	
21%	1,500	0.257	
29%	2,000	0.337	
36%	2,500	0.408	
0%	0	0.089	
36%	2,500	0.447	
43%	3,000	0.510	
50%	3,500		
0%	0	0.124	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-73A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

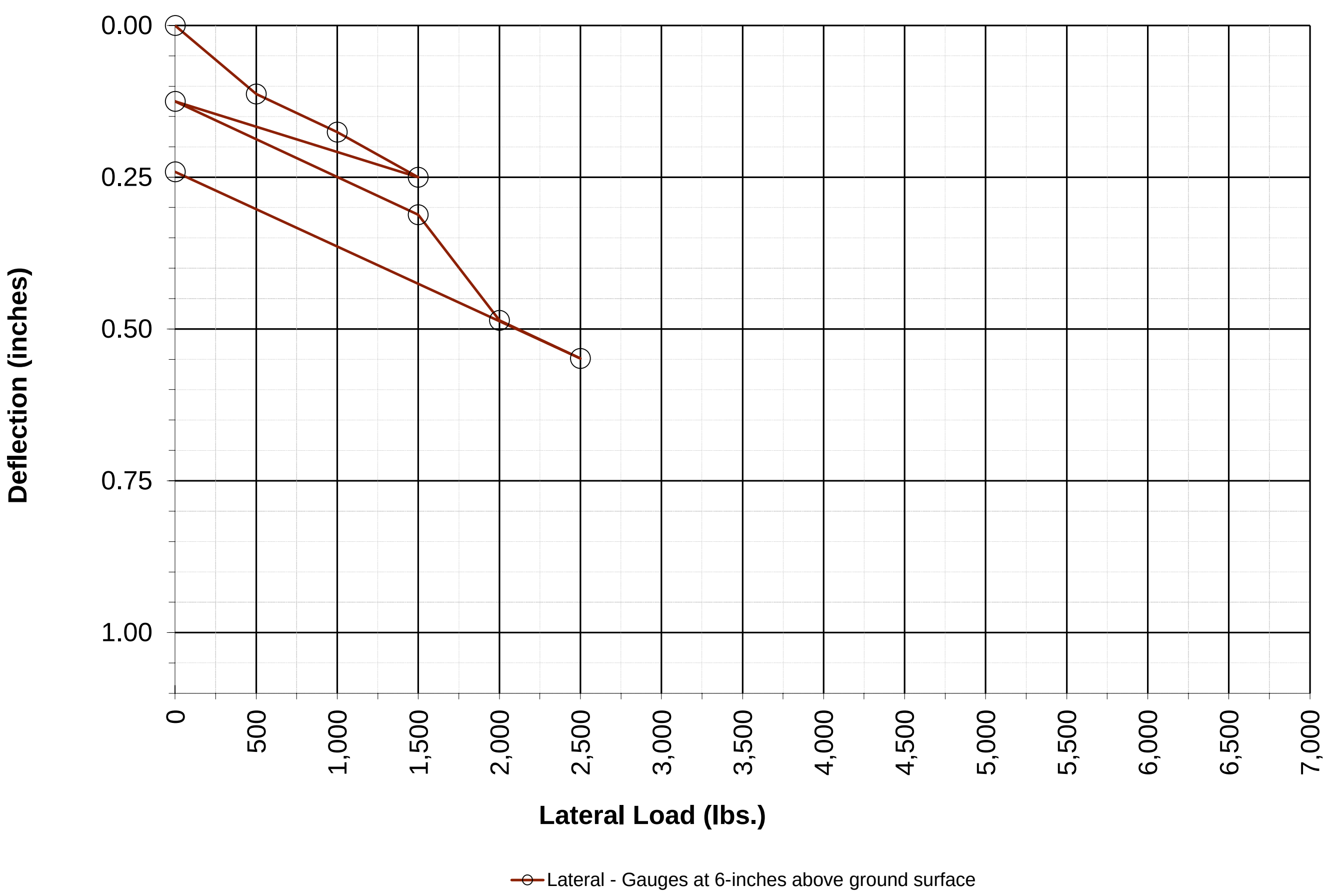
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-73A
Group Latitude [deg.]:	36.4508
Group Longitude [deg.]:	-120.2202
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	19

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.113	
14%	1,000	0.176	
21%	1,500	0.250	
0%	0	0.125	
21%	1,500	0.312	
29%	2,000	0.486	
36%	2,500	0.549	
0%	0	0.241	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-73B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

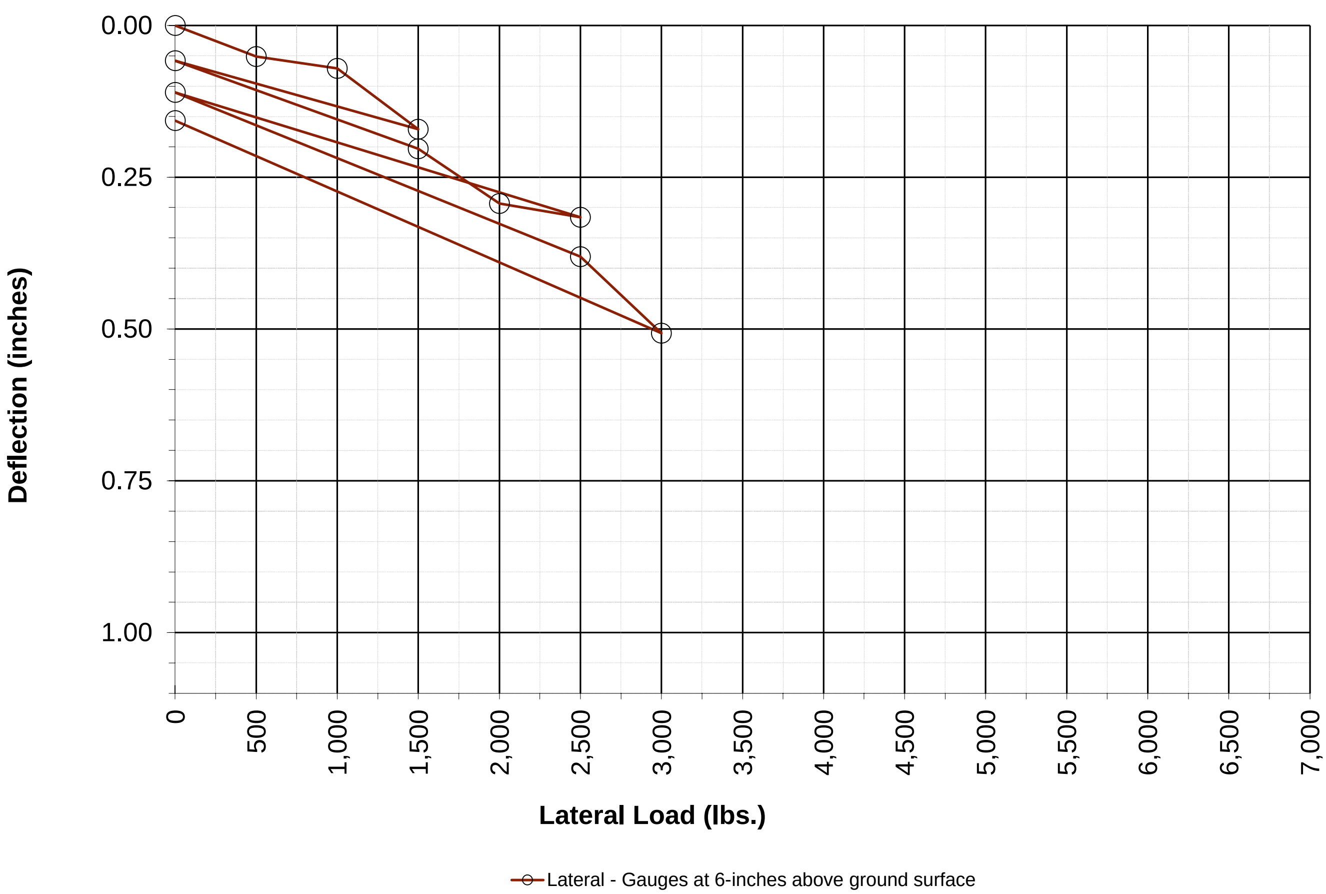
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-73B
Group Latitude [deg.]:	36.4508
Group Longitude [deg.]:	-120.2202
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	43

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.052	
14%	1,000	0.071	
21%	1,500	0.171	
0%	0	0.058	
21%	1,500	0.204	
29%	2,000	0.293	
36%	2,500	0.316	
0%	0	0.111	
36%	2,500	0.381	
43%	3,000	0.507	
50%	3,500		
0%	0	0.157	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-74A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

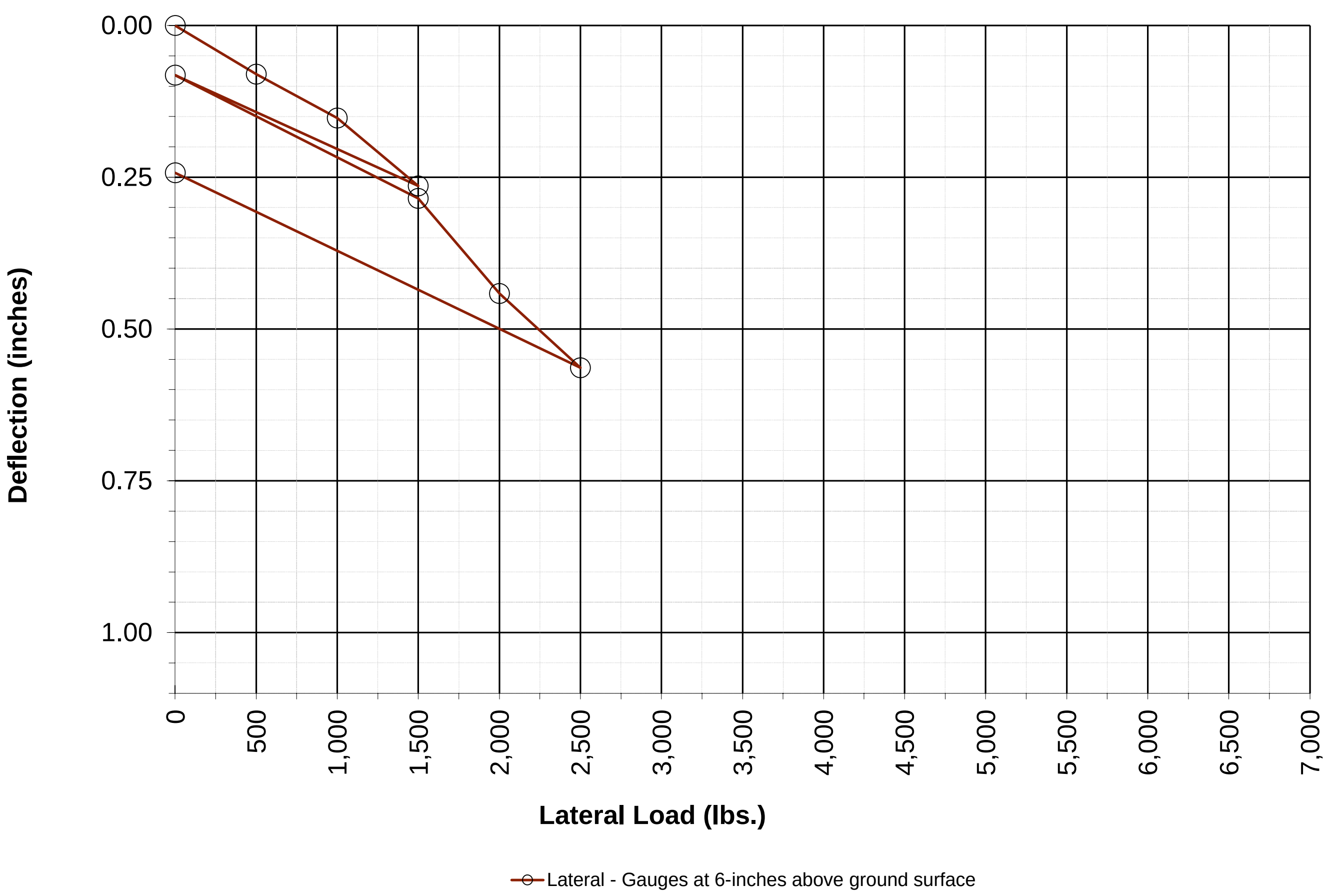
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/21/2023

Pile Information

Pile ID:	PLT-74A
Group Latitude [deg.]:	36.4563
Group Longitude [deg.]:	-120.2140
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	19

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.081	
14%	1,000	0.153	
21%	1,500	0.265	
0%	0	0.082	
21%	1,500	0.285	
29%	2,000	0.442	
36%	2,500	0.564	
0%	0	0.243	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-74B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

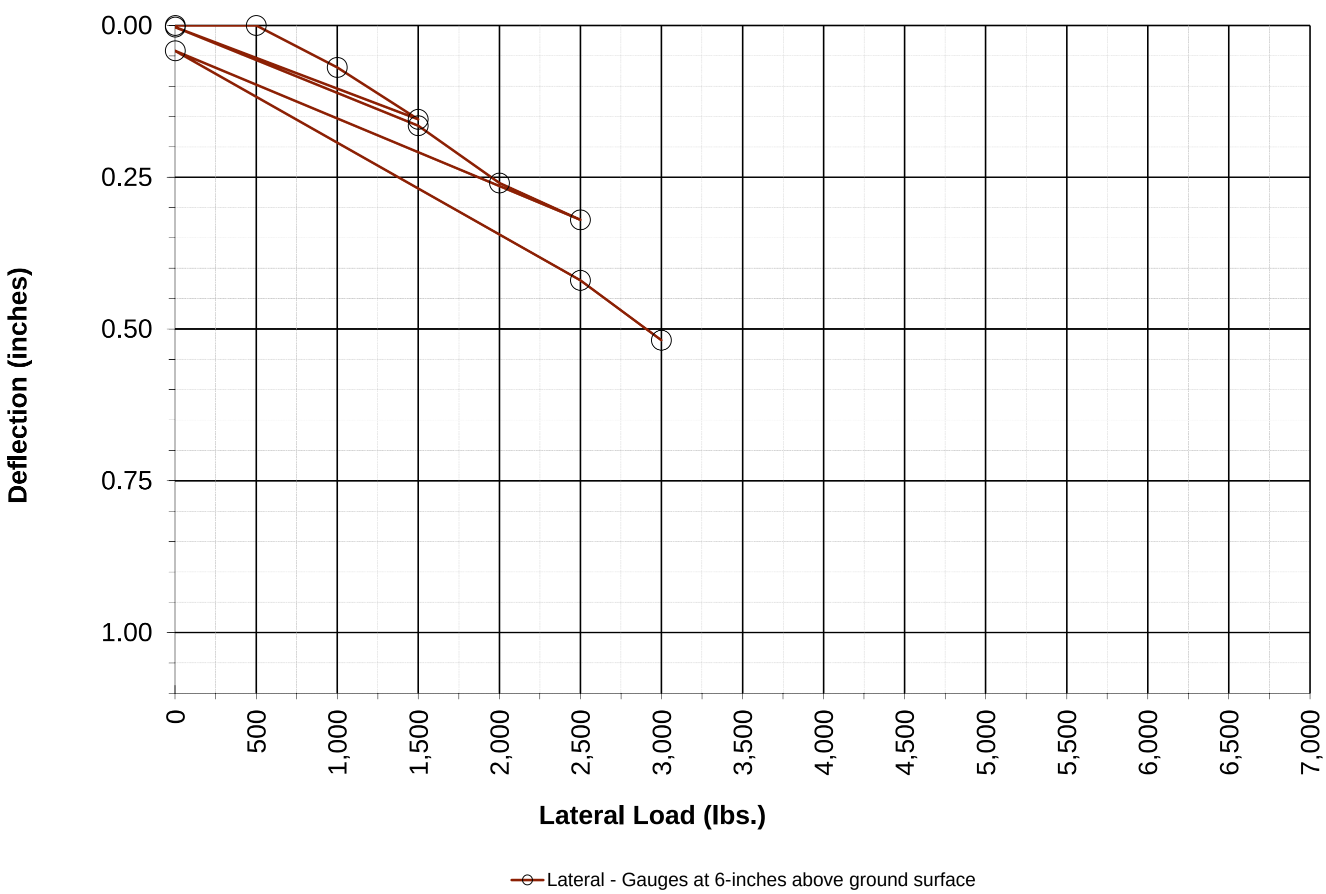
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/21/2023

Pile Information

Pile ID:	PLT-74B
Group Latitude [deg.]:	36.4563
Group Longitude [deg.]:	-120.2140
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	51

% of Target Load	Lateral Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.000	
14%	1,000	0.069	
21%	1,500	0.155	
0%	0	0.003	
21%	1,500	0.165	
29%	2,000	0.260	
36%	2,500	0.320	
0%	0	0.042	
36%	2,500	0.420	
43%	3,000	0.519	
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-75A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

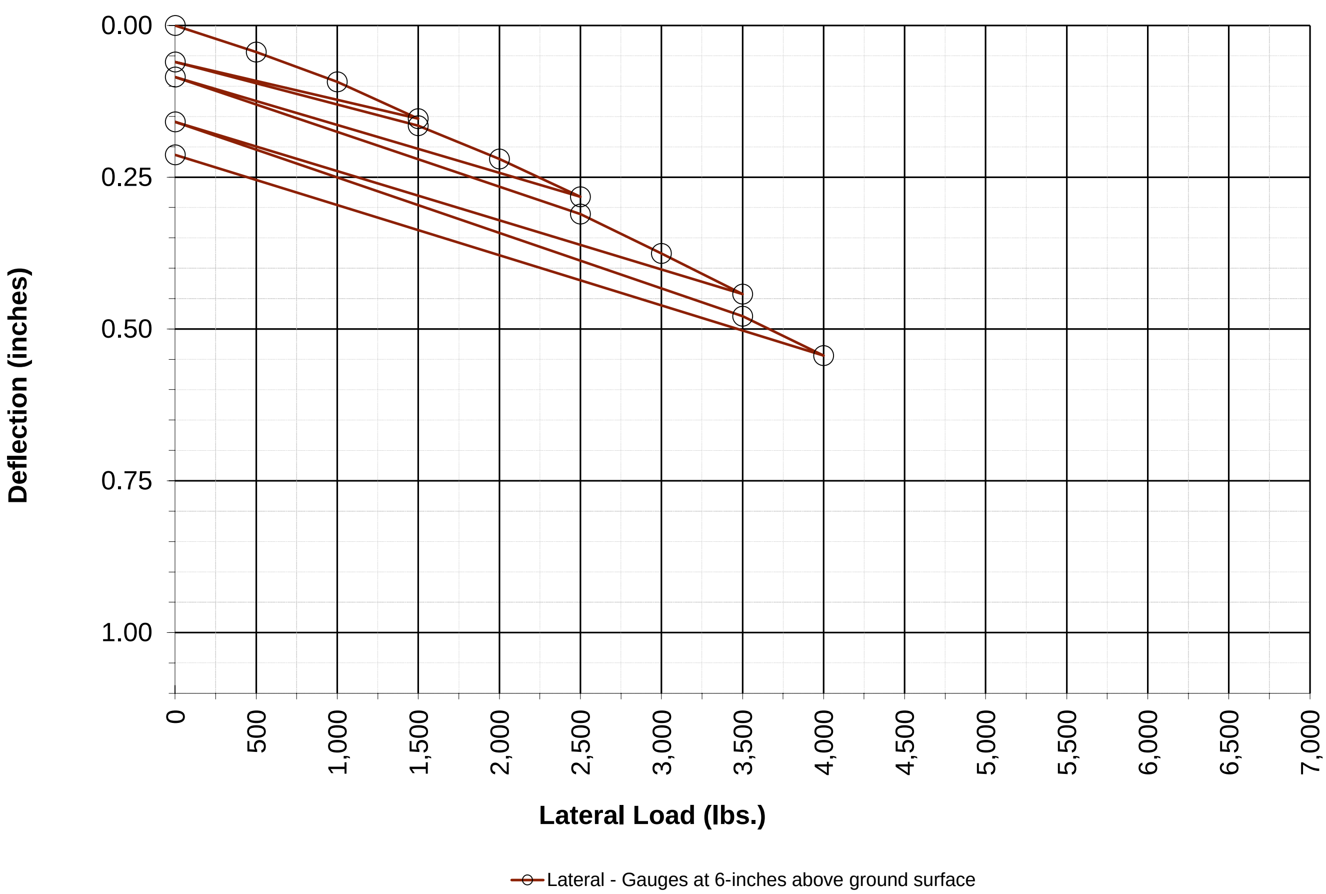
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-75A
Group Latitude [deg.]:	36.4562
Group Longitude [deg.]:	-120.2263
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	26

% of Target Load	Lateral Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.044	
14%	1,000	0.093	
21%	1,500	0.154	
0%	0	0.060	
21%	1,500	0.165	
29%	2,000	0.220	
36%	2,500	0.283	
0%	0	0.085	
36%	2,500	0.311	
43%	3,000	0.376	
50%	3,500	0.443	
0%	0	0.159	
50%	3,500	0.479	
57%	4,000	0.544	
64%	4,500		
0%	0	0.213	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-75B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

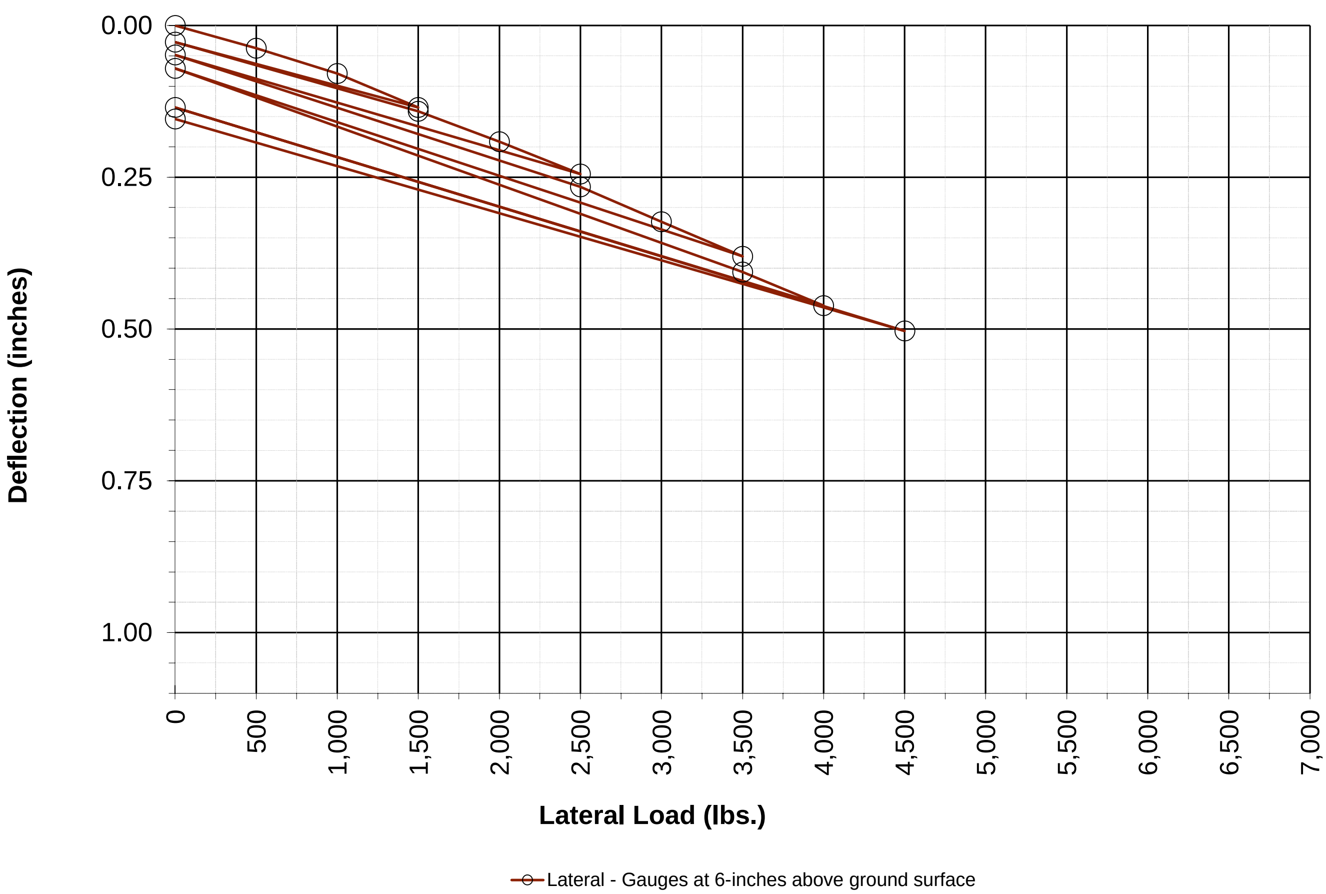
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-75B
Group Latitude [deg.]:	36.4562
Group Longitude [deg.]:	-120.2263
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	49

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.038	
14%	1,000	0.080	
21%	1,500	0.136	
0%	0	0.028	
21%	1,500	0.142	
29%	2,000	0.192	
36%	2,500	0.245	
0%	0	0.049	
36%	2,500	0.266	
43%	3,000	0.324	
50%	3,500	0.381	
0%	0	0.071	
50%	3,500	0.406	
57%	4,000	0.462	
64%	4,500		
0%	0	0.135	
64%	4,500	0.503	
71%	5,000		
79%	5,500		
0%	0	0.154	
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-76A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

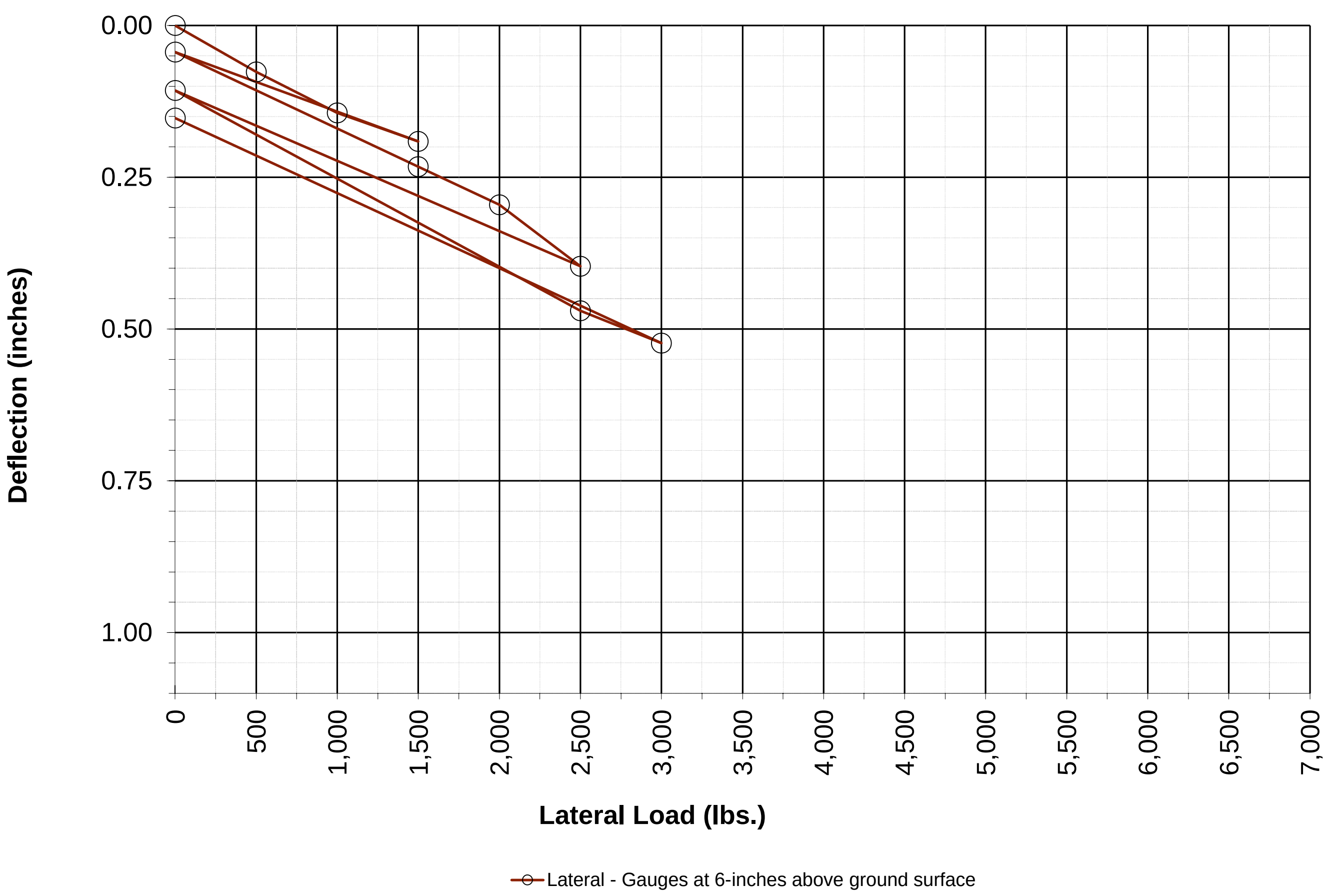
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/21/2023

Pile Information

Pile ID:	PLT-76A
Group Latitude [deg.]:	36.4481
Group Longitude [deg.]:	-120.2273
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	21

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.077	
14%	1,000	0.144	
21%	1,500	0.191	
0%	0	0.044	
21%	1,500	0.233	
29%	2,000	0.296	
36%	2,500	0.397	
0%	0	0.107	
36%	2,500	0.470	
43%	3,000	0.524	
50%	3,500		
0%	0	0.153	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-76B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

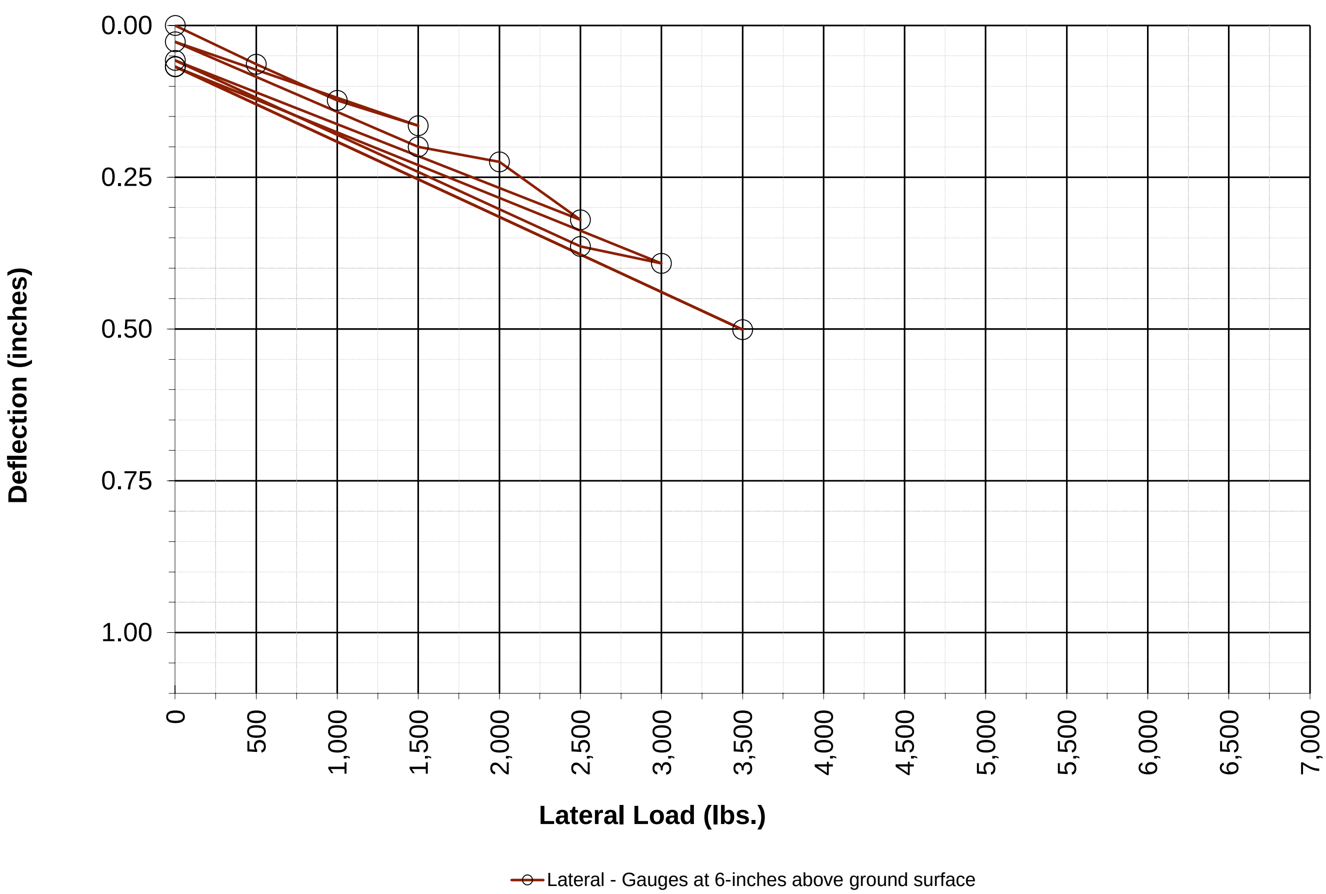
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/21/2023

Pile Information

Pile ID:	PLT-76B
Group Latitude [deg.]:	36.4481
Group Longitude [deg.]:	-120.2273
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	51

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.064	
14%	1,000	0.124	
21%	1,500	0.165	
0%	0	0.027	
21%	1,500	0.200	
29%	2,000	0.225	
36%	2,500	0.320	
0%	0	0.058	
36%	2,500	0.364	
43%	3,000	0.392	
50%	3,500		
0%	0	0.068	
50%	3,500	0.501	
57%	4,000		
64%	4,500		
0%	0	0.068	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-77A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

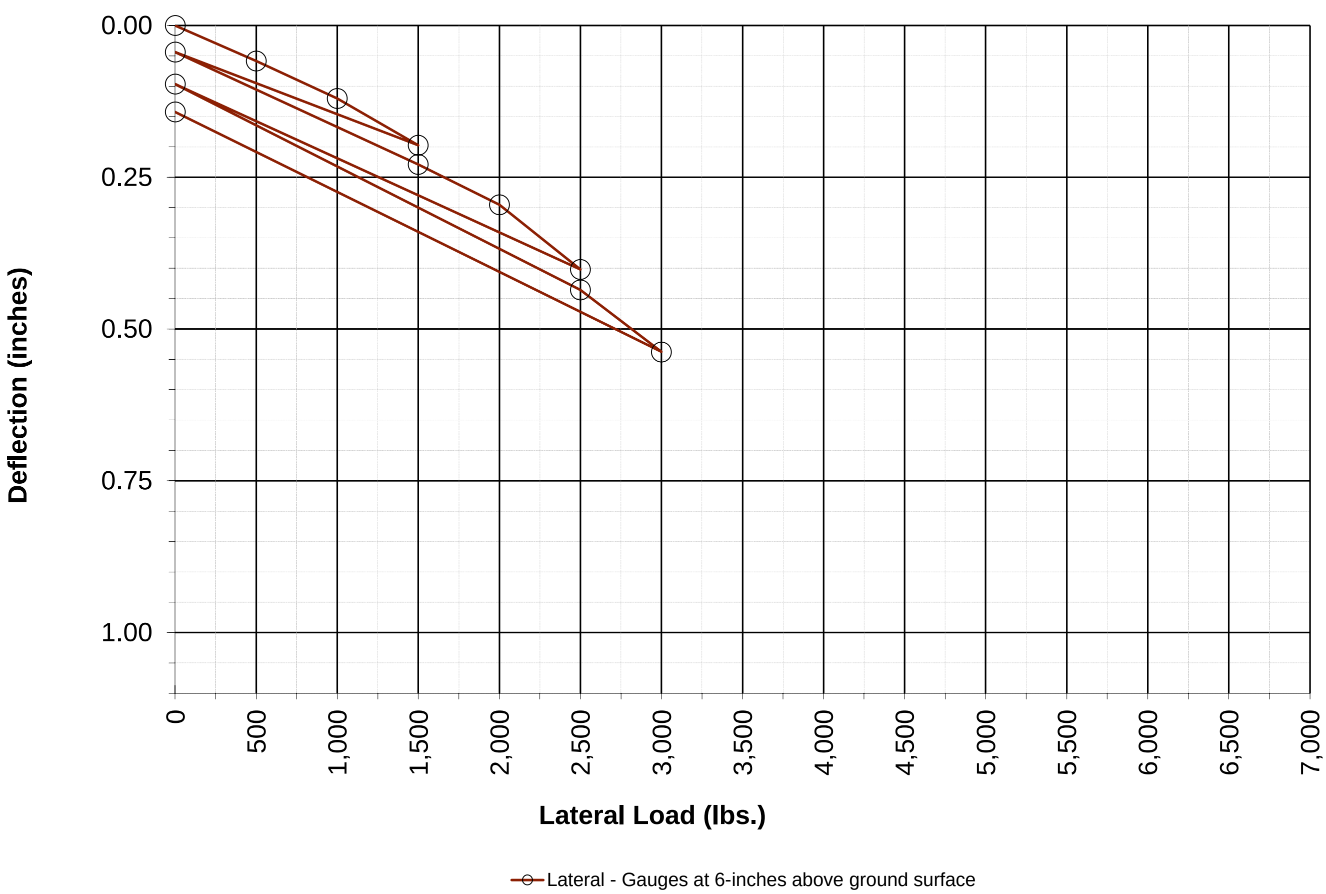
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/21/2023

Pile Information

Pile ID:	PLT-77A
Group Latitude [deg.]:	36.4448
Group Longitude [deg.]:	-120.2131
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	50

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.059	
14%	1,000	0.121	
21%	1,500	0.198	
0%	0	0.044	
21%	1,500	0.229	
29%	2,000	0.296	
36%	2,500	0.402	
0%	0	0.097	
36%	2,500	0.436	
43%	3,000	0.538	
50%	3,500		
0%	0	0.143	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-77B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

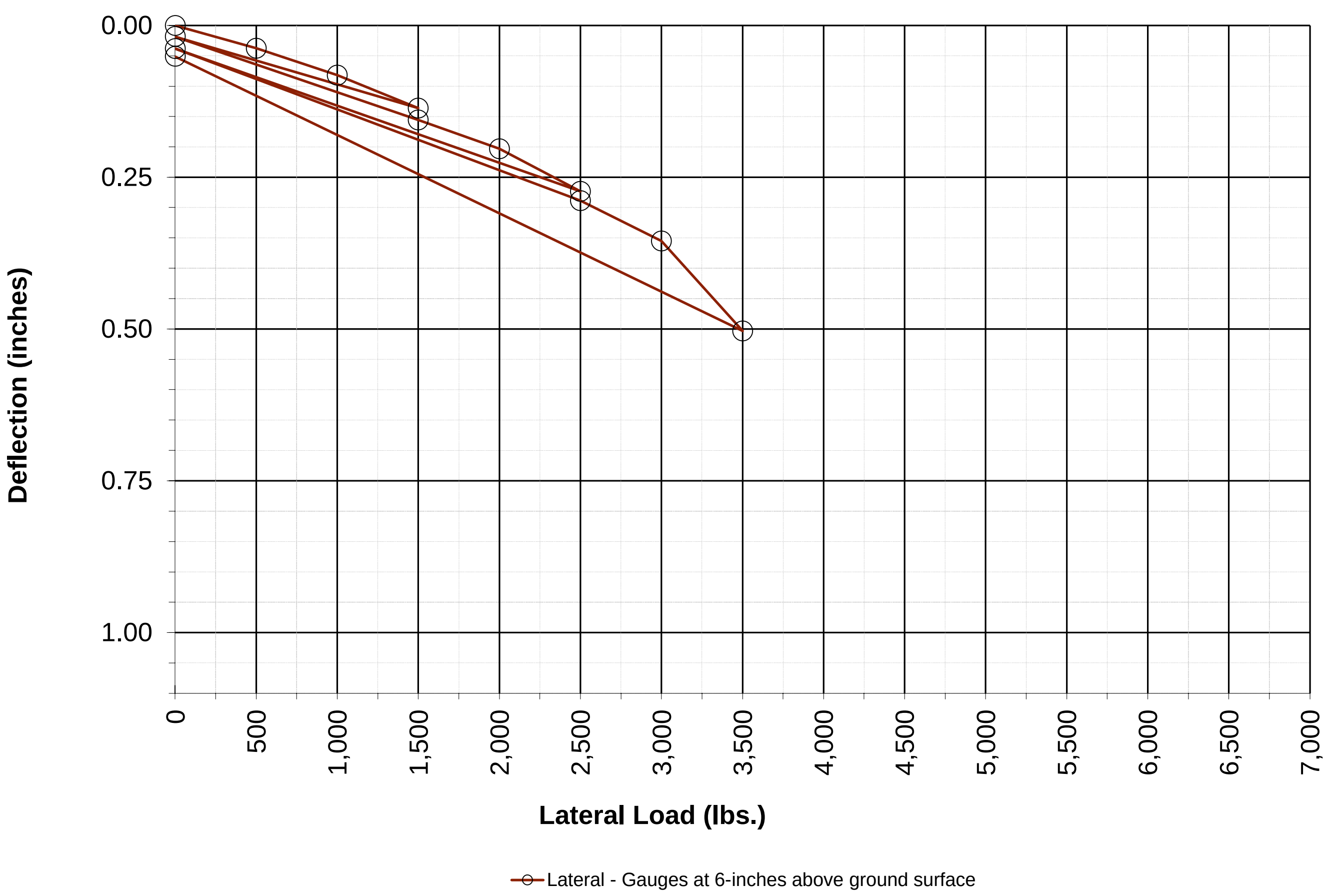
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	2/21/2023

Pile Information

Pile ID:	PLT-77B
Group Latitude [deg.]:	36.4448
Group Longitude [deg.]:	-120.2131
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	93

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.038	
14%	1,000	0.082	
21%	1,500	0.136	
0%	0	0.018	
21%	1,500	0.156	
29%	2,000	0.203	
36%	2,500	0.274	
0%	0	0.038	
36%	2,500	0.289	
43%	3,000	0.355	
50%	3,500	0.503	
0%	0	0.051	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-78A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

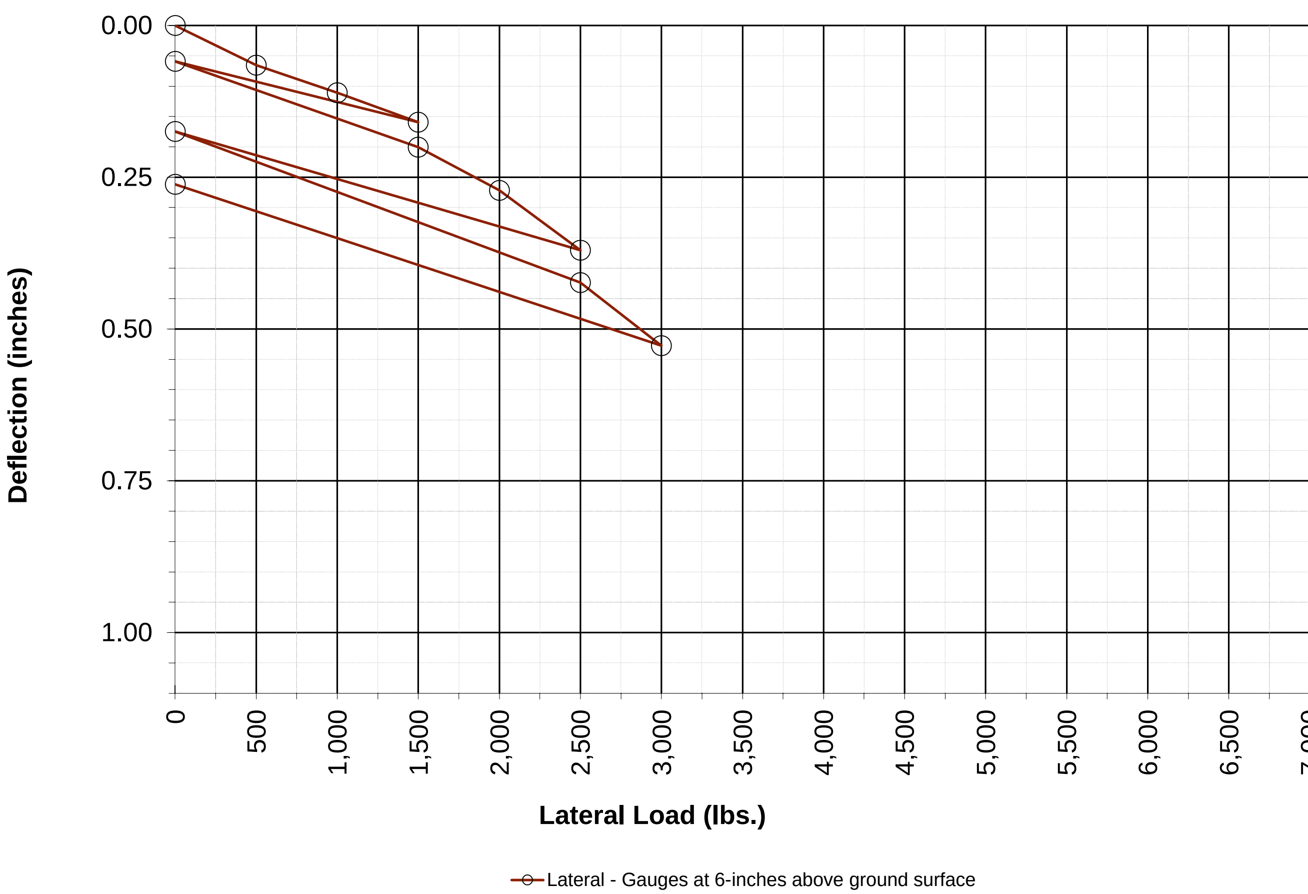
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/22/2023

Pile Information

Pile ID:	PLT-78A
Group Latitude [deg.]:	36.4578
Group Longitude [deg.]:	-120.1718
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	36

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.066	
14%	1,000	0.111	
21%	1,500	0.160	
0%	0	0.059	
21%	1,500	0.201	
29%	2,000	0.272	
36%	2,500	0.370	
0%	0	0.175	
36%	2,500	0.424	
43%	3,000	0.528	
50%	3,500		
0%	0	0.262	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-78B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

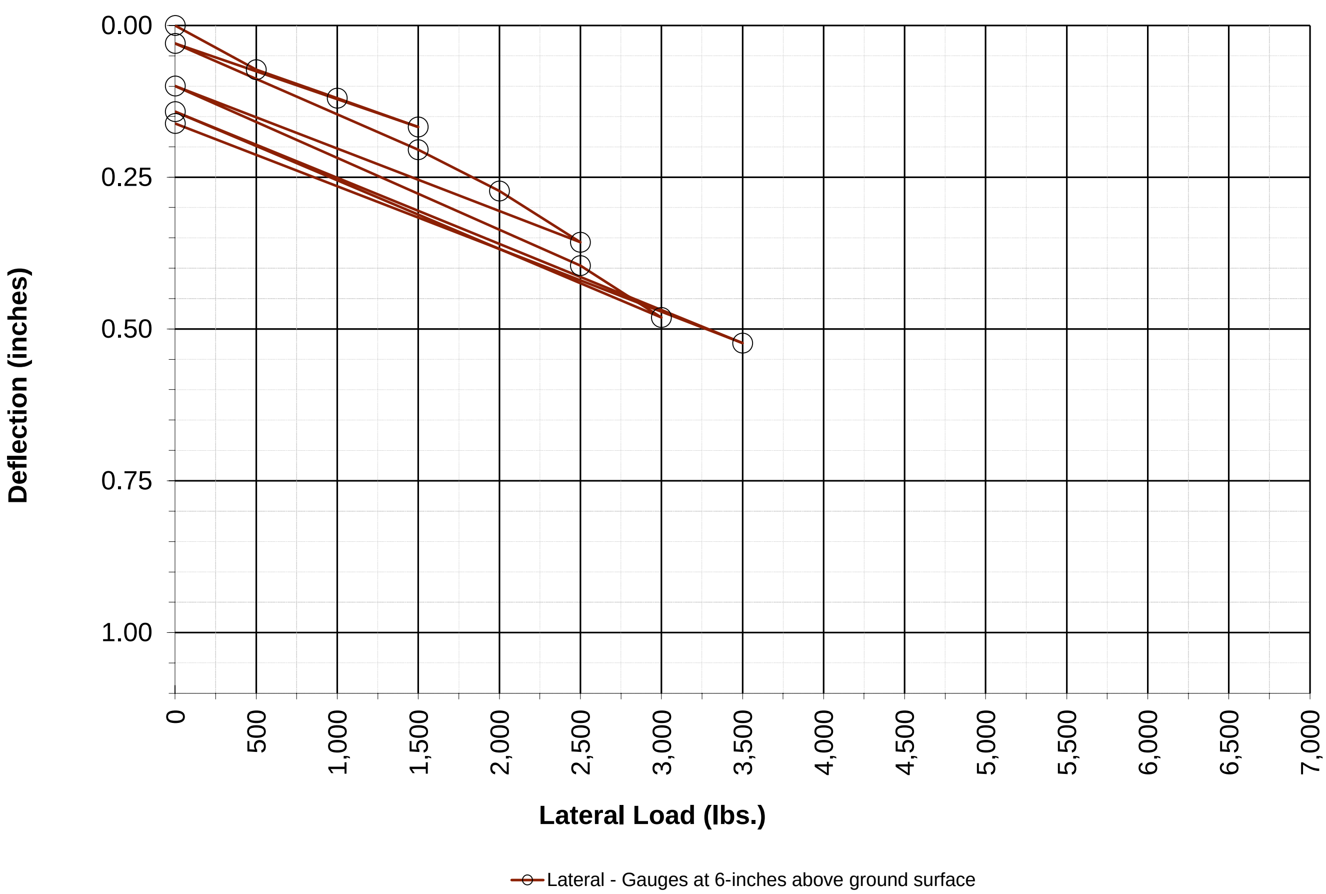
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/22/2023

Pile Information

Pile ID:	PLT-78B
Group Latitude [deg.]:	36.4578
Group Longitude [deg.]:	-120.1718
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	53

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.073	
14%	1,000	0.120	
21%	1,500	0.167	
0%	0	0.030	
21%	1,500	0.205	
29%	2,000	0.273	
36%	2,500	0.357	
0%	0	0.100	
36%	2,500	0.396	
43%	3,000	0.481	
50%	3,500		
0%	0	0.142	
50%	3,500	0.524	
57%	4,000		
64%	4,500		
0%	0	0.162	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-79A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

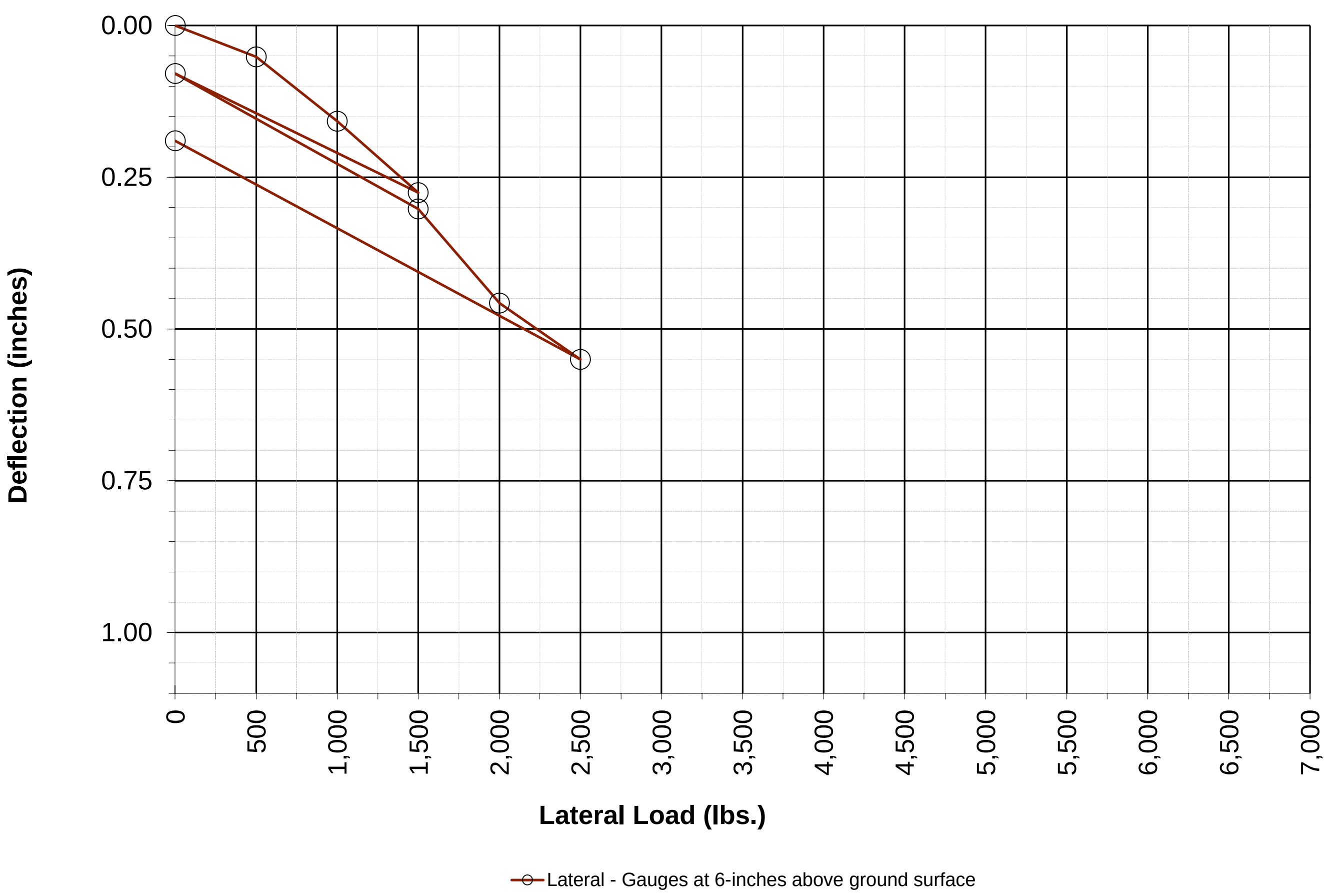
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-79A
Group Latitude [deg.]:	36.4502
Group Longitude [deg.]:	-120.1771
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	33

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.052	
14%	1,000	0.158	
21%	1,500	0.275	
0%	0	0.079	
21%	1,500	0.302	
29%	2,000	0.457	
36%	2,500	0.550	
0%	0	0.190	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-79B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

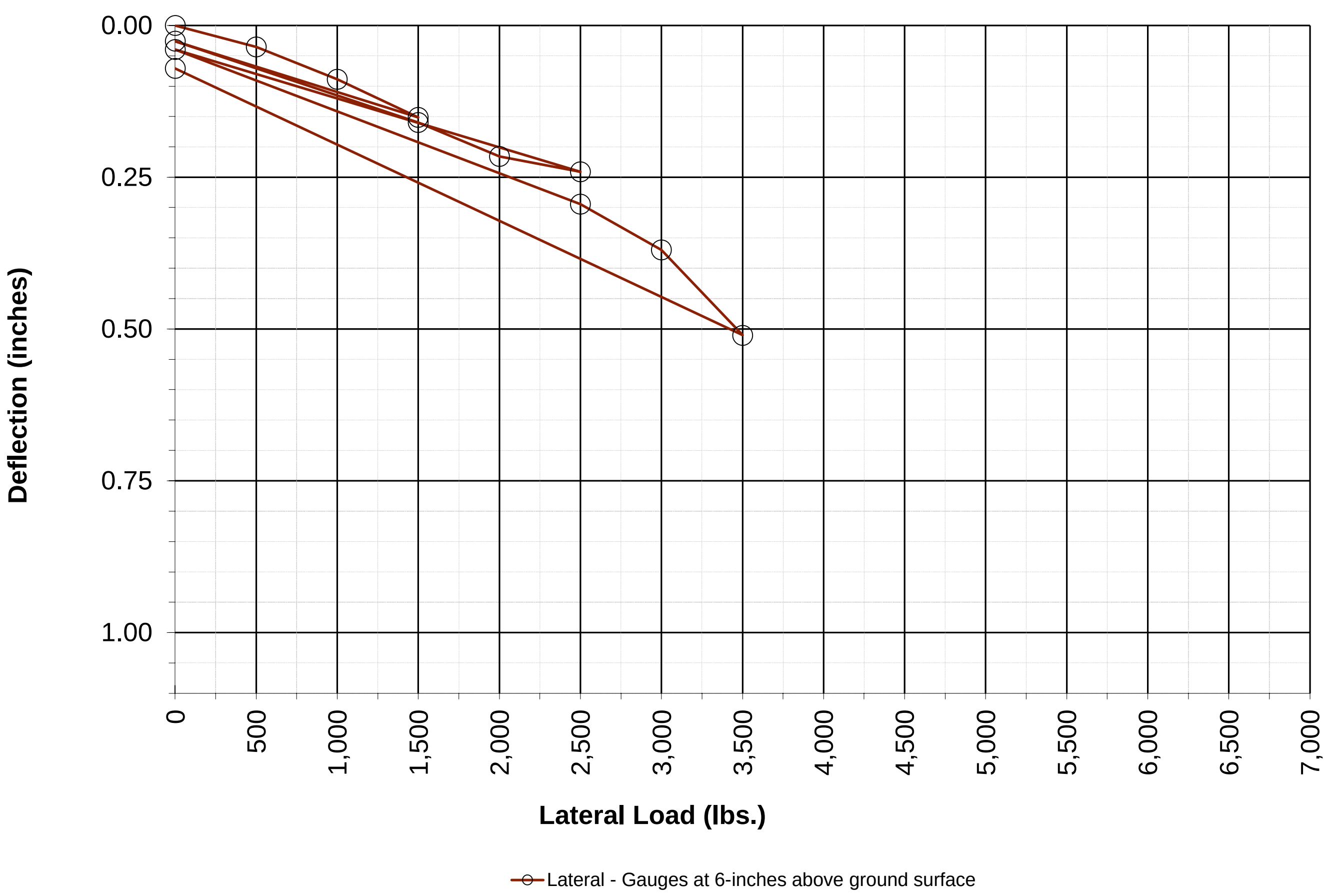
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	2/23/2023

Pile Information

Pile ID:	PLT-79B
Group Latitude [deg.]:	36.4502
Group Longitude [deg.]:	-120.1771
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	67

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.036	
14%	1,000	0.089	
21%	1,500	0.151	
0%	0	0.026	
21%	1,500	0.160	
29%	2,000	0.216	
36%	2,500	0.241	
0%	0	0.040	
36%	2,500	0.295	
43%	3,000	0.370	
50%	3,500	0.510	
0%	0	0.071	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-80A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

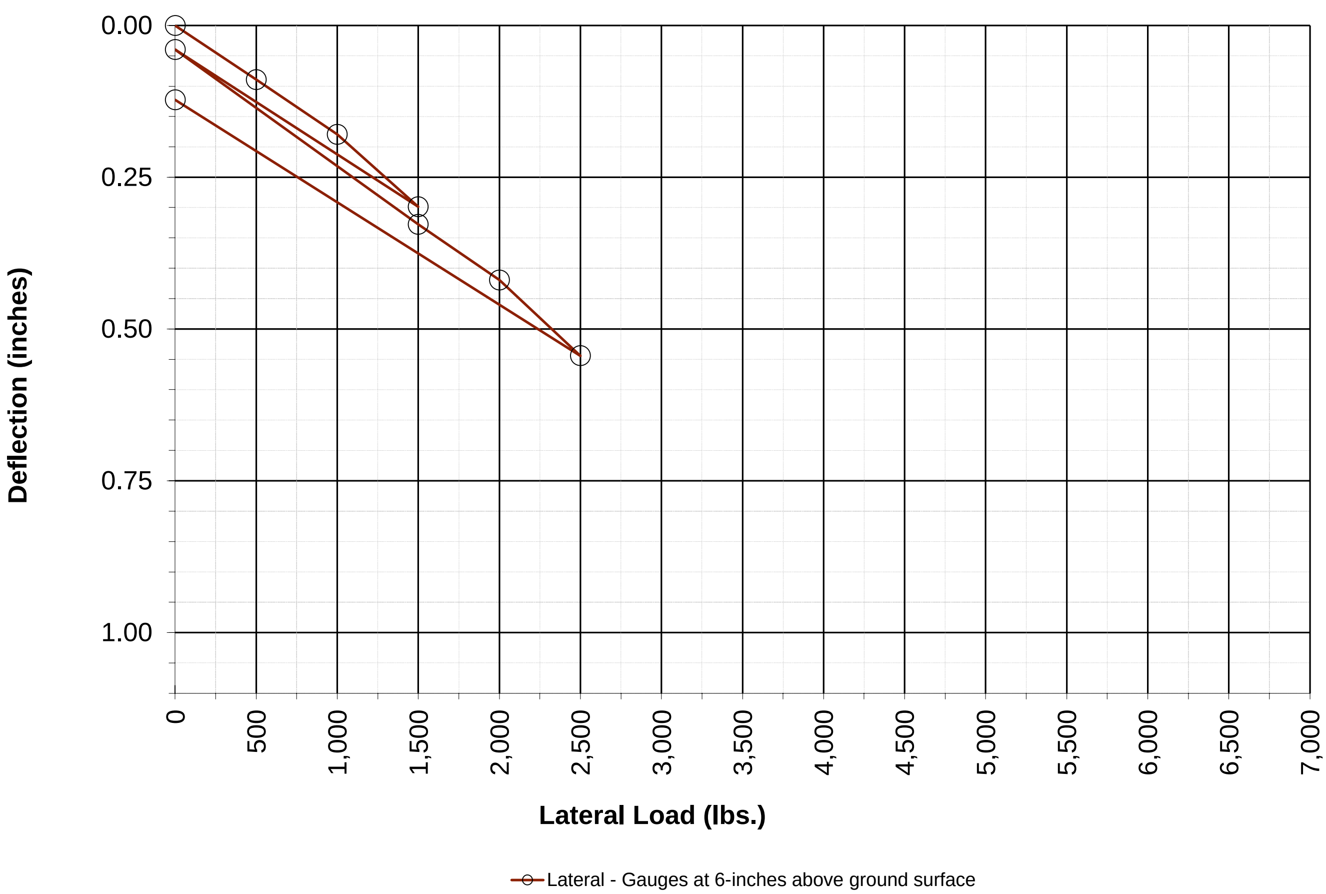
Test Date and Representative

Tested By Terracon Rep:	JM/AA
Date Tested:	5/16/2023

Pile Information

Pile ID:	PLT-80A
Group Latitude [deg.]:	36.4578
Group Longitude [deg.]:	-120.1578
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	29

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.089	
14%	1,000	0.180	
21%	1,500	0.299	
0%	0	0.040	
21%	1,500	0.328	
29%	2,000	0.419	
36%	2,500	0.544	
0%	0	0.123	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-80B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

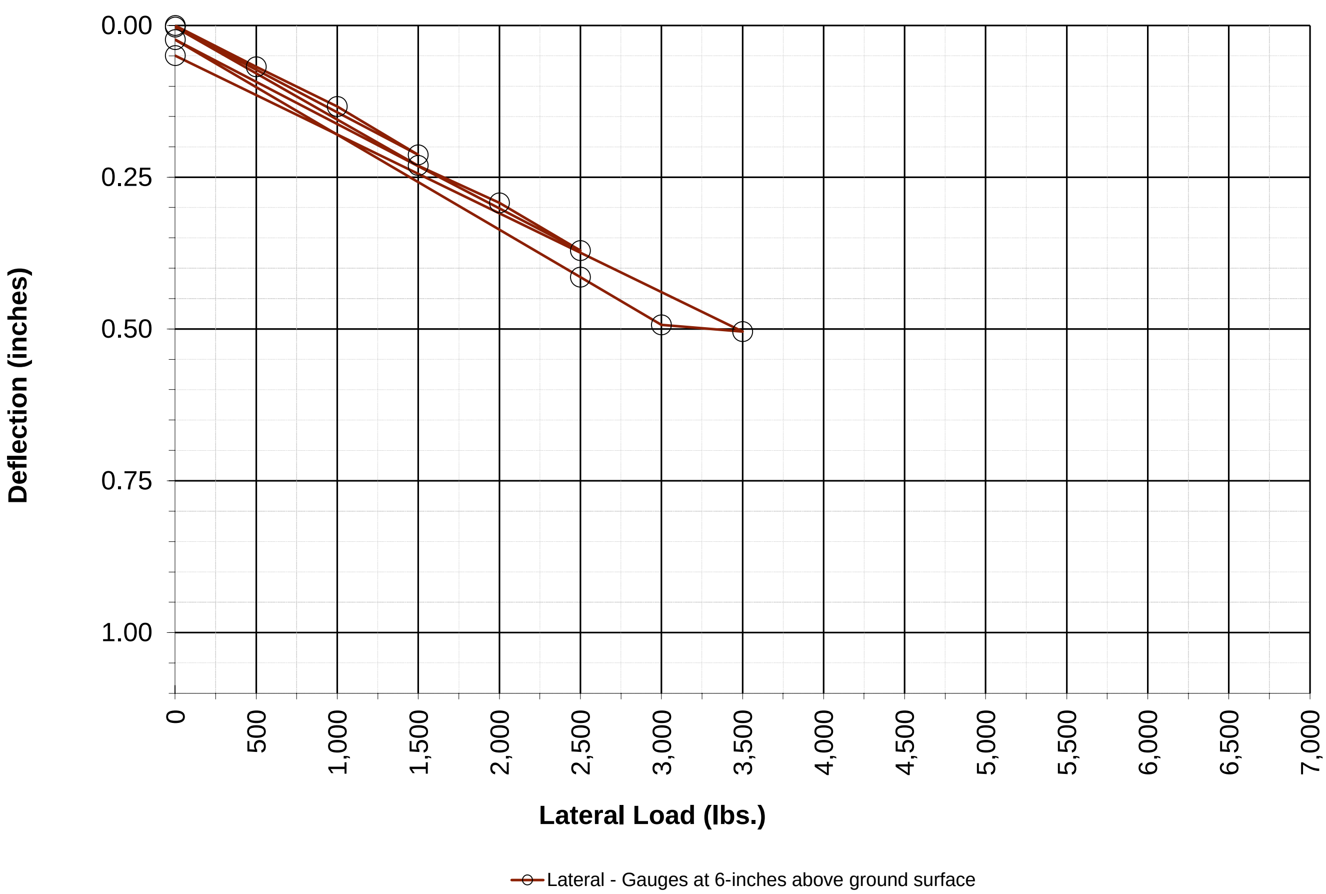
Test Date and Representative

Tested By Terracon Rep:	JM/AA
Date Tested:	5/16/2023

Pile Information

Pile ID:	PLT-80B
Group Latitude [deg.]:	36.4578
Group Longitude [deg.]:	-120.1578
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	35

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.069	
14%	1,000	0.134	
21%	1,500	0.213	
0%	0	0.003	
21%	1,500	0.231	
29%	2,000	0.292	
36%	2,500	0.371	
0%	0	0.024	
36%	2,500	0.415	
43%	3,000	0.494	
50%	3,500	0.505	
0%	0	0.050	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-81A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

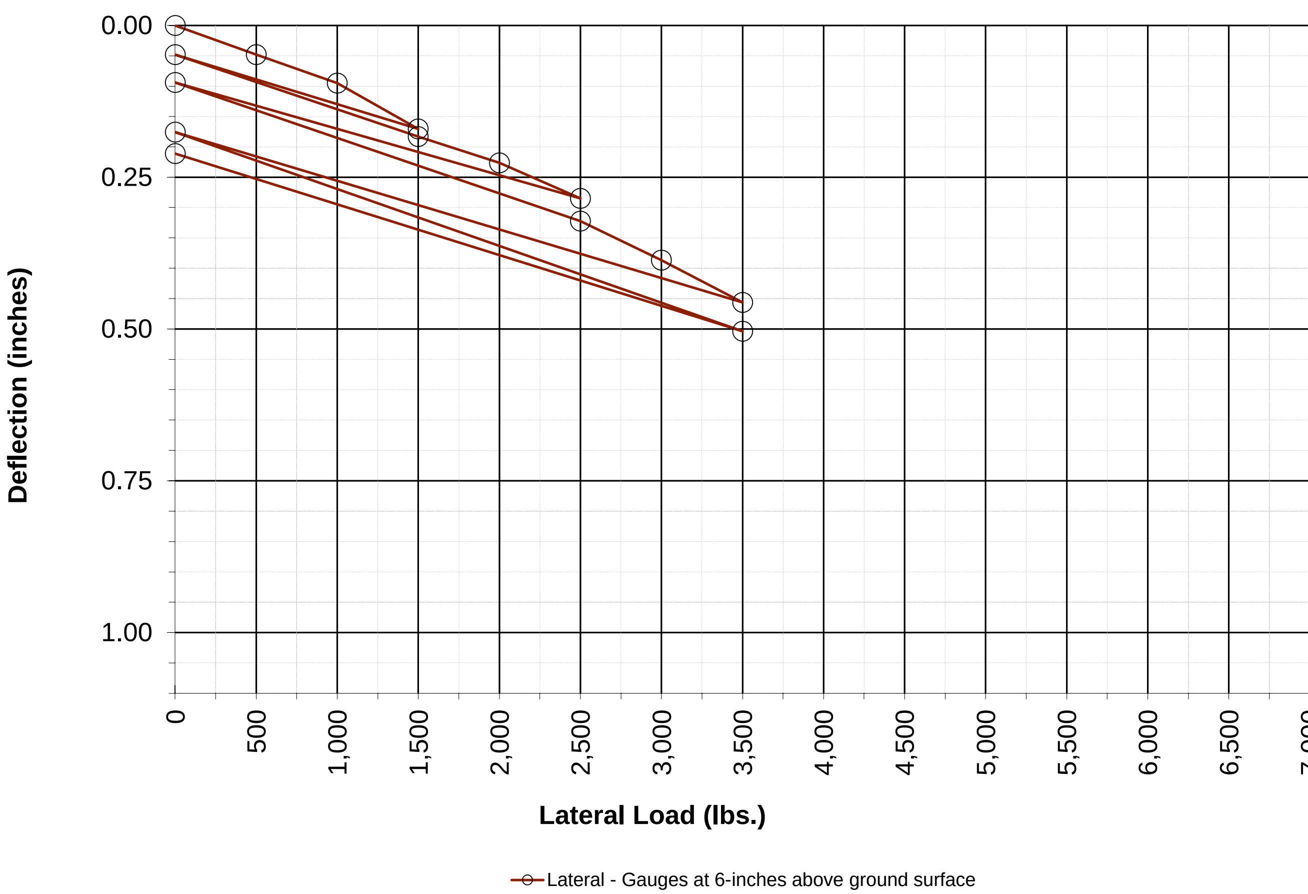
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/21/2023

Pile Information

Pile ID:	PLT-81A
Group Latitude [deg.]:	36.4602
Group Longitude [deg.]:	-120.1817
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	40

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.048	
14%	1,000	0.095	
21%	1,500	0.171	
0%	0	0.048	
21%	1,500	0.183	
29%	2,000	0.227	
36%	2,500	0.285	
0%	0	0.094	
36%	2,500	0.323	
43%	3,000	0.387	
50%	3,500	0.457	
0%	0	0.176	
50%	3,500	0.504	
57%	4,000		
64%	4,500		
0%	0	0.211	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-81B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

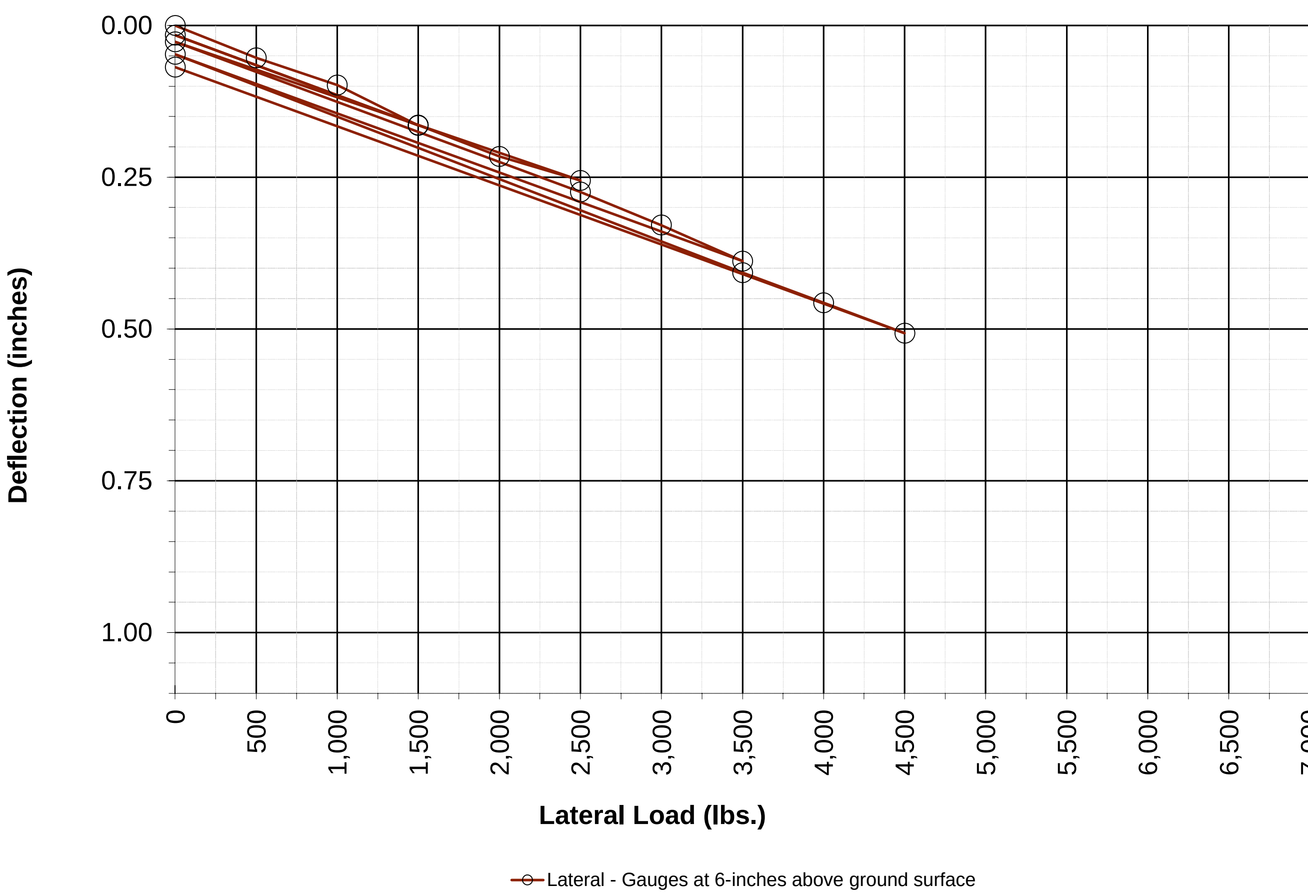
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/21/2023

Pile Information

Pile ID:	PLT-81B
Group Latitude [deg.]:	36.4602
Group Longitude [deg.]:	-120.1817
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	104

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.054	
14%	1,000	0.099	
21%	1,500	0.165	
0%	0	0.016	
21%	1,500	0.164	
29%	2,000	0.216	
36%	2,500	0.255	
0%	0	0.027	
36%	2,500	0.274	
43%	3,000	0.329	
50%	3,500	0.389	
0%	0	0.048	
50%	3,500	0.407	
57%	4,000	0.457	
64%	4,500	0.507	
0%	0	0.069	
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-82A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

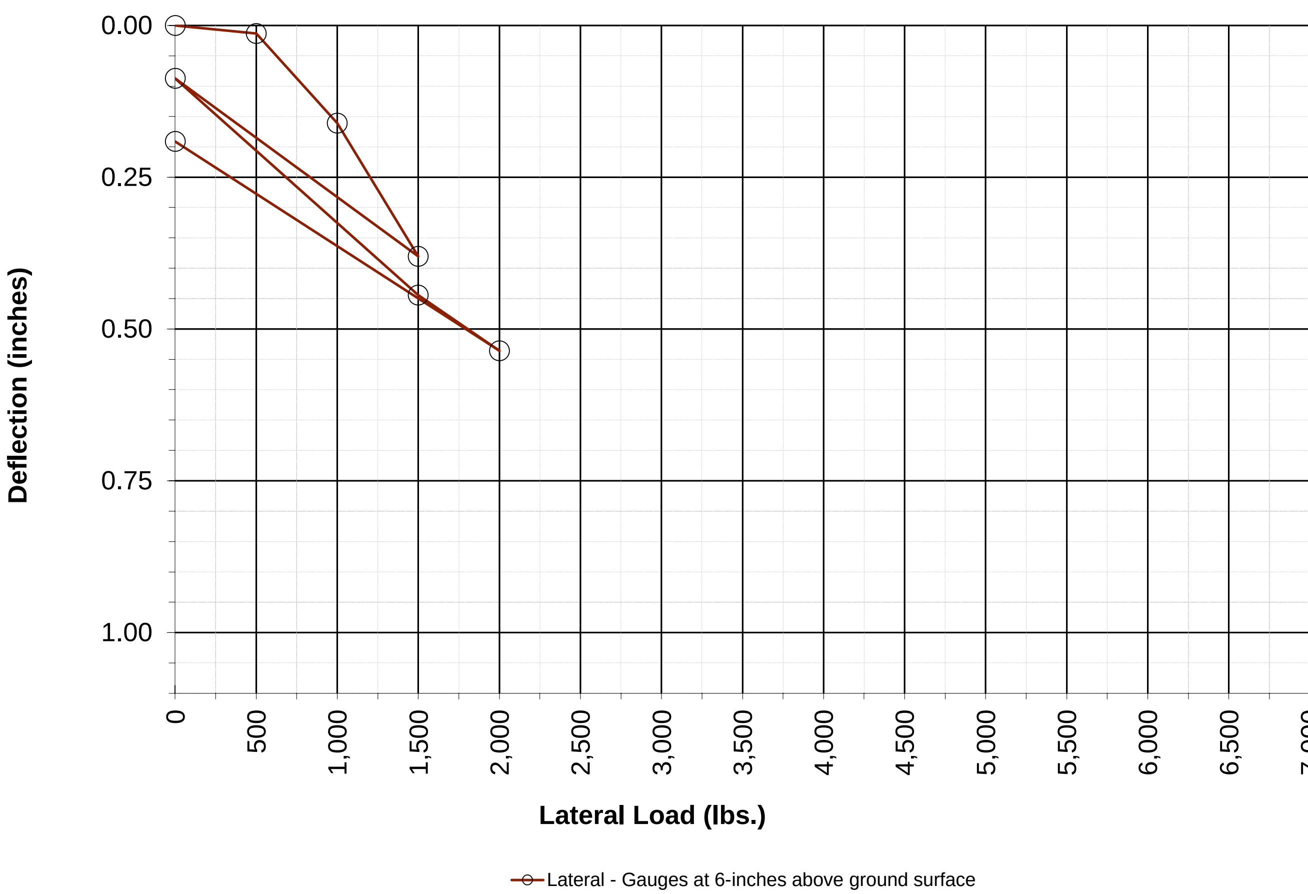
Test Date and Representative

Tested By Terracon Rep:	JM/AA
Date Tested:	5/16/2023

Pile Information

Pile ID:	PLT-82A
Group Latitude [deg.]:	36.4447
Group Longitude [deg.]:	-120.1578
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	18

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.014	
14%	1,000	0.161	
21%	1,500	0.381	
0%	0	0.087	
21%	1,500	0.445	
29%	2,000	0.536	
36%	2,500		
0%	0	0.191	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-82B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

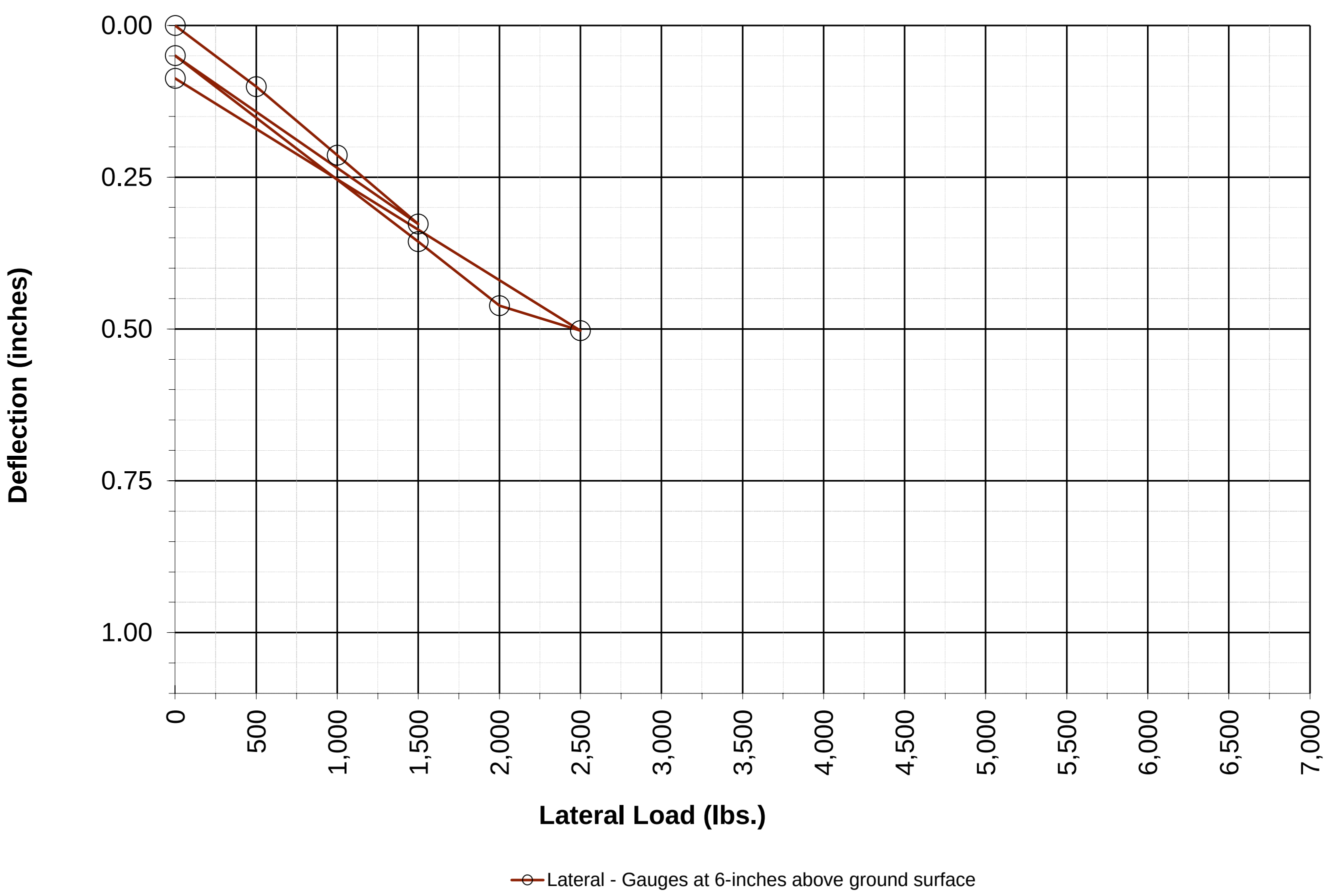
Test Date and Representative

Tested By Terracon Rep:	JM/AA
Date Tested:	5/16/2023

Pile Information

Pile ID:	PLT-82B
Group Latitude [deg.]:	36.4447
Group Longitude [deg.]:	-120.1578
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	33

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.101	
14%	1,000	0.214	
21%	1,500	0.327	
0%	0	0.050	
21%	1,500	0.356	
29%	2,000	0.462	
36%	2,500	0.503	
0%	0	0.087	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-83A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

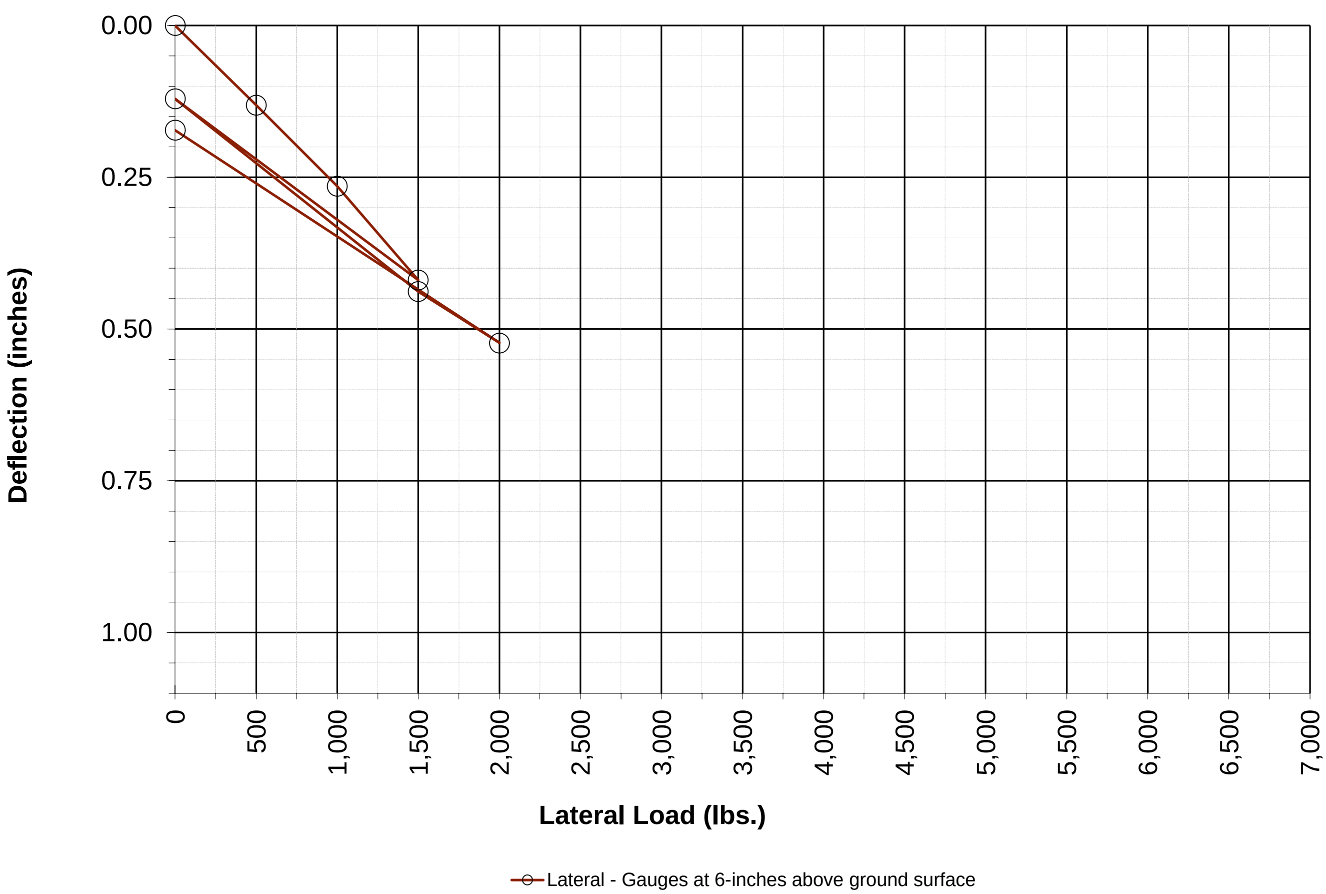
Test Date and Representative

Tested By Terracon Rep:	JM/AA
Date Tested:	5/16/2023

Pile Information

Pile ID:	PLT-83A
Group Latitude [deg.]:	36.4524
Group Longitude [deg.]:	-120.1645
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	27

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.132	
14%	1,000	0.265	
21%	1,500	0.420	
0%	0	0.121	
21%	1,500	0.439	
29%	2,000	0.523	
36%	2,500		
0%	0	0.172	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-83B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

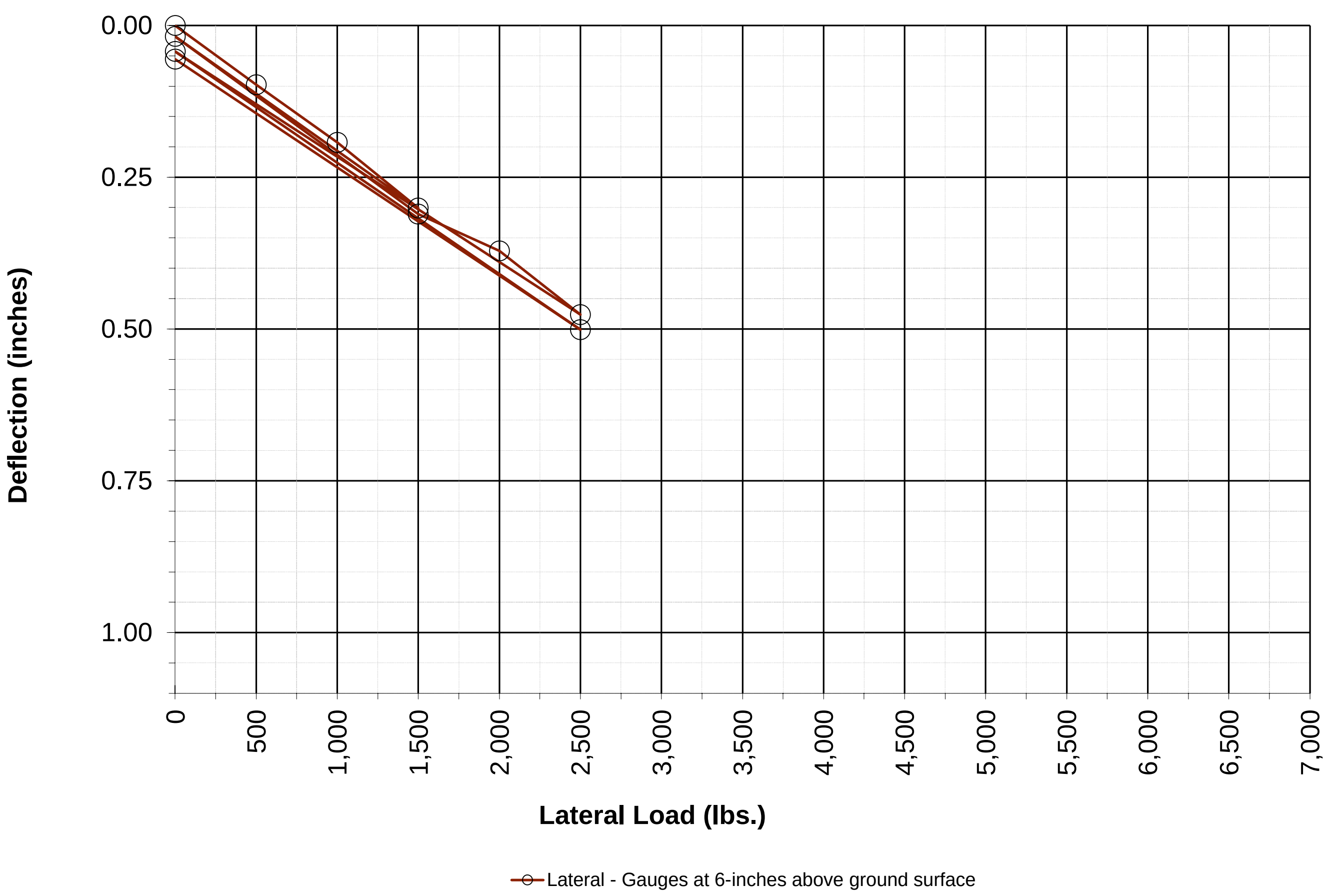
Test Date and Representative

Tested By Terracon Rep:	JM/AA
Date Tested:	5/16/2023

Pile Information

Pile ID:	PLT-83B
Group Latitude [deg.]:	36.4524
Group Longitude [deg.]:	-120.1645
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	62

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.098	
14%	1,000	0.193	
21%	1,500	0.301	
0%	0	0.018	
21%	1,500	0.311	
29%	2,000	0.372	
36%	2,500	0.477	
0%	0	0.043	
36%	2,500	0.501	
43%	3,000		
50%	3,500		
0%	0	0.055	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-84A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

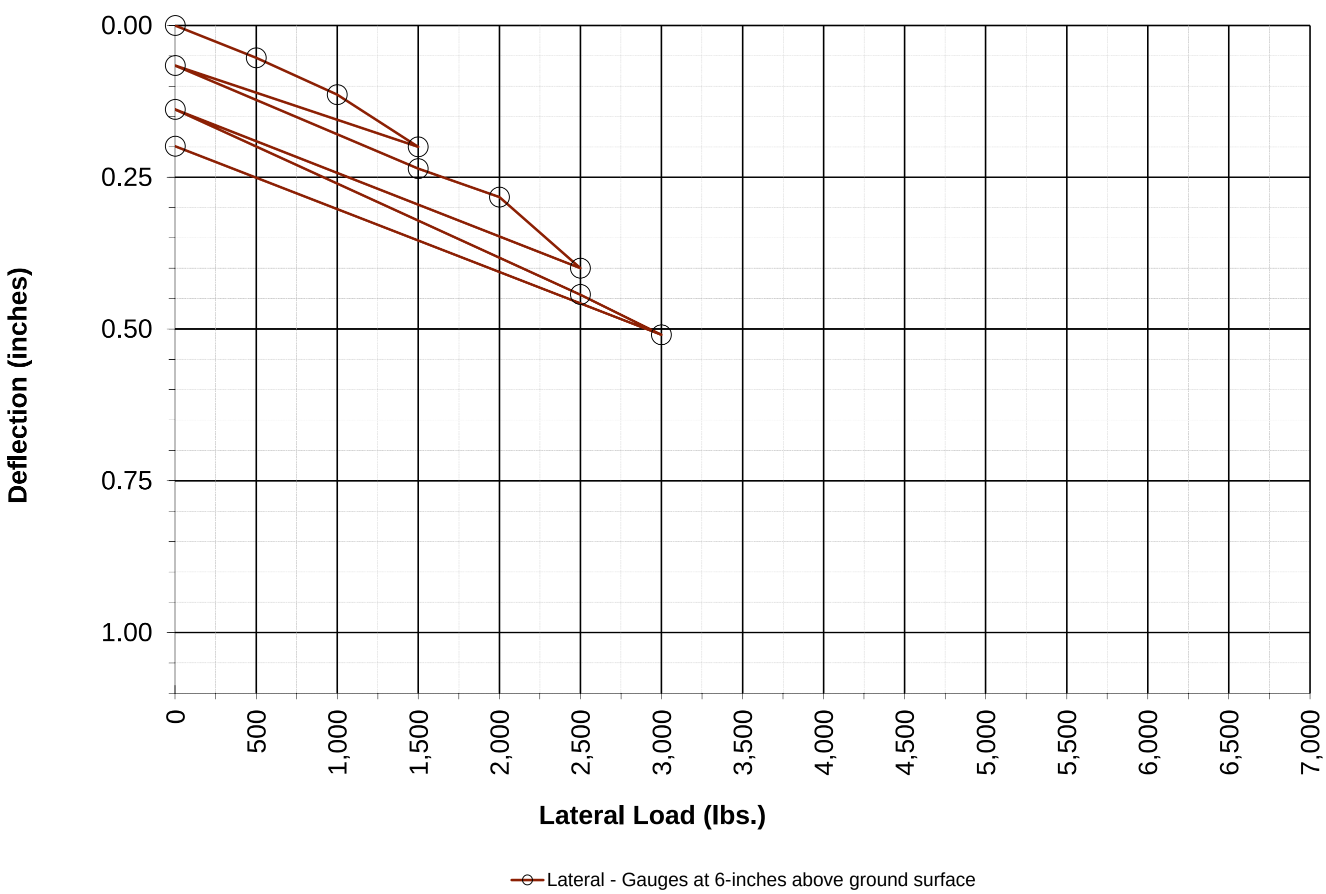
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/22/2023

Pile Information

Pile ID:	PLT-84A
Group Latitude [deg.]:	36.4458
Group Longitude [deg.]:	-120.1665
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	26

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.053	
14%	1,000	0.114	
21%	1,500	0.200	
0%	0	0.066	
21%	1,500	0.236	
29%	2,000	0.283	
36%	2,500	0.400	
0%	0	0.138	
36%	2,500	0.443	
43%	3,000	0.510	
50%	3,500		
0%	0	0.199	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-84B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

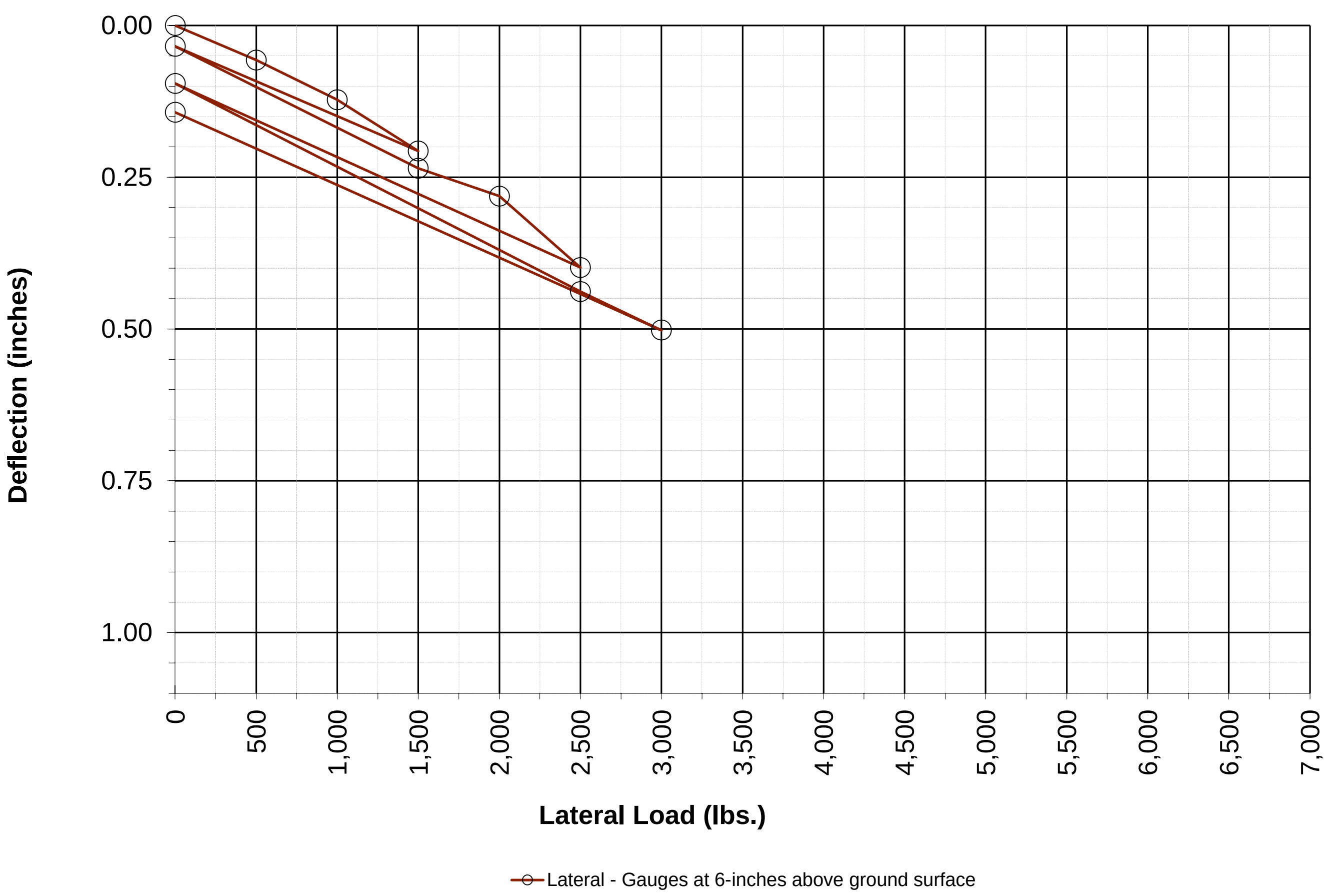
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/22/2023

Pile Information

Pile ID:	PLT-84B
Group Latitude [deg.]:	36.4458
Group Longitude [deg.]:	-120.1665
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	46

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.057	
14%	1,000	0.123	
21%	1,500	0.207	
0%	0	0.035	
21%	1,500	0.235	
29%	2,000	0.281	
36%	2,500	0.399	
0%	0	0.096	
36%	2,500	0.438	
43%	3,000	0.502	
50%	3,500		
0%	0	0.143	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-85A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

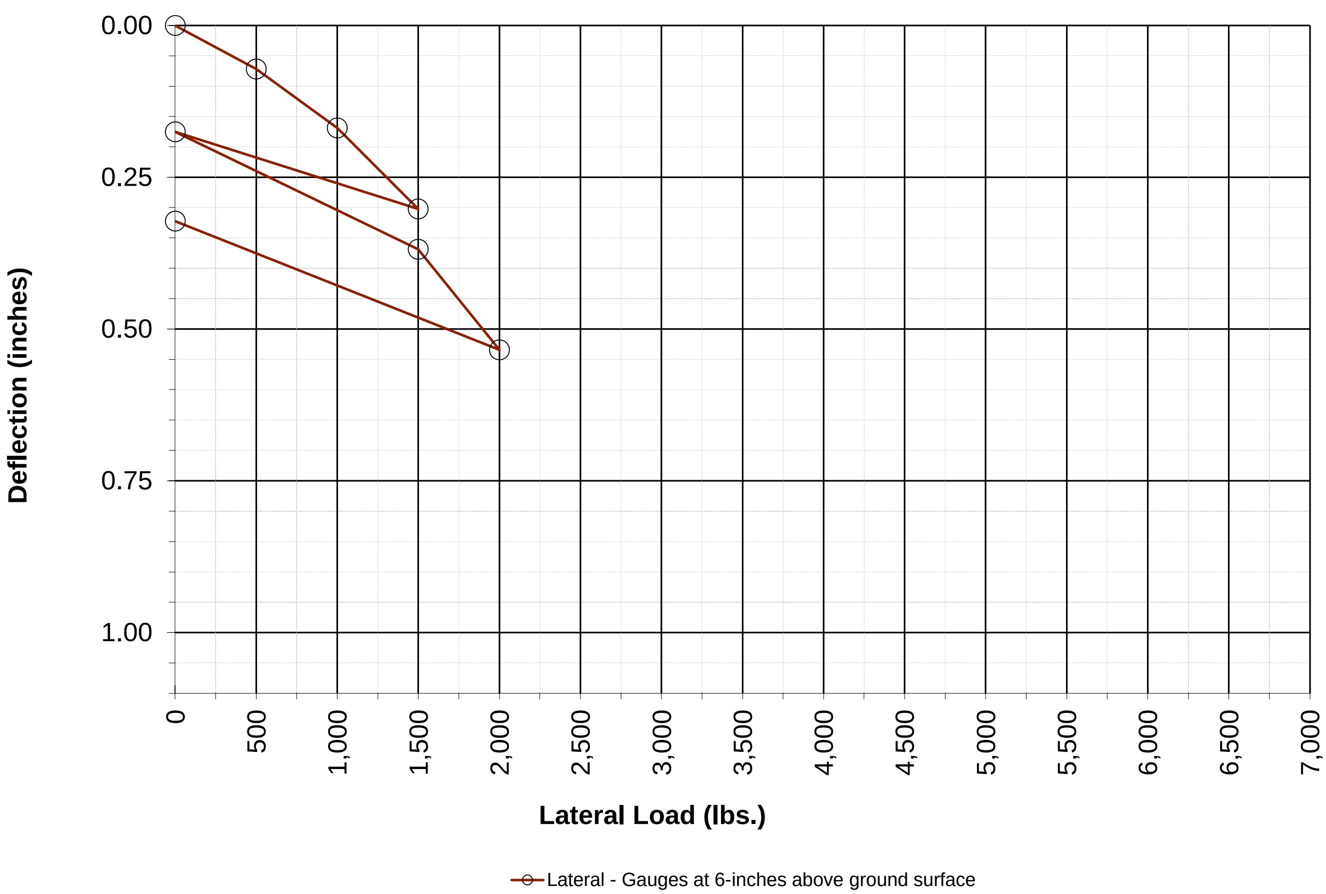
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-85A
Group Latitude [deg.]:	36.4514
Group Longitude [deg.]:	-120.2435
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	10

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.072	
14%	1,000	0.169	
21%	1,500	0.303	
0%	0	0.175	
21%	1,500	0.369	
29%	2,000	0.535	
36%	2,500		
0%	0	0.323	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-85B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

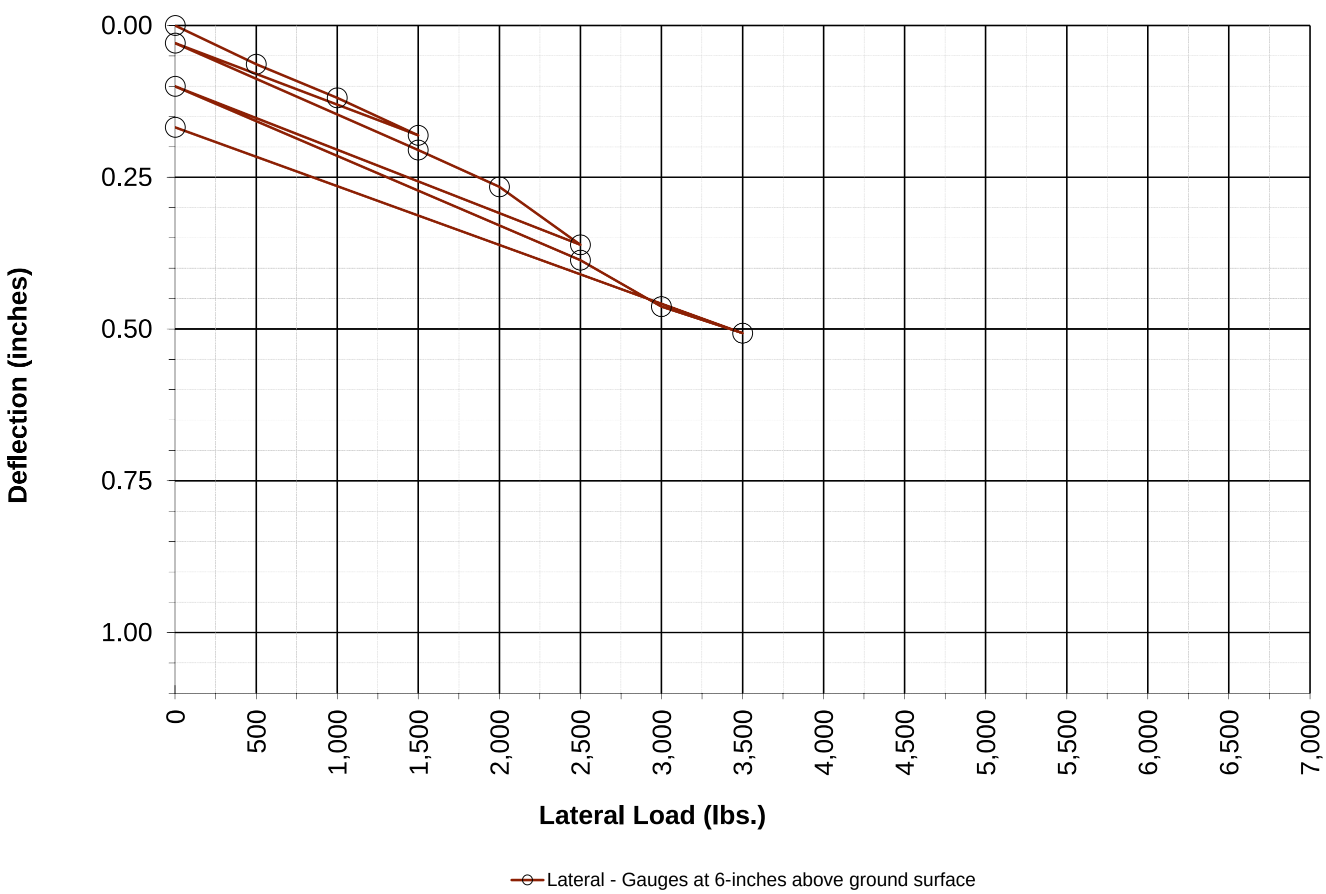
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-85B
Group Latitude [deg.]:	36.4514
Group Longitude [deg.]:	-120.2435
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	16

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.064	
14%	1,000	0.119	
21%	1,500	0.181	
0%	0	0.029	
21%	1,500	0.206	
29%	2,000	0.266	
36%	2,500	0.361	
0%	0	0.100	
36%	2,500	0.387	
43%	3,000	0.463	
50%	3,500	0.507	
0%	0	0.168	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-86A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

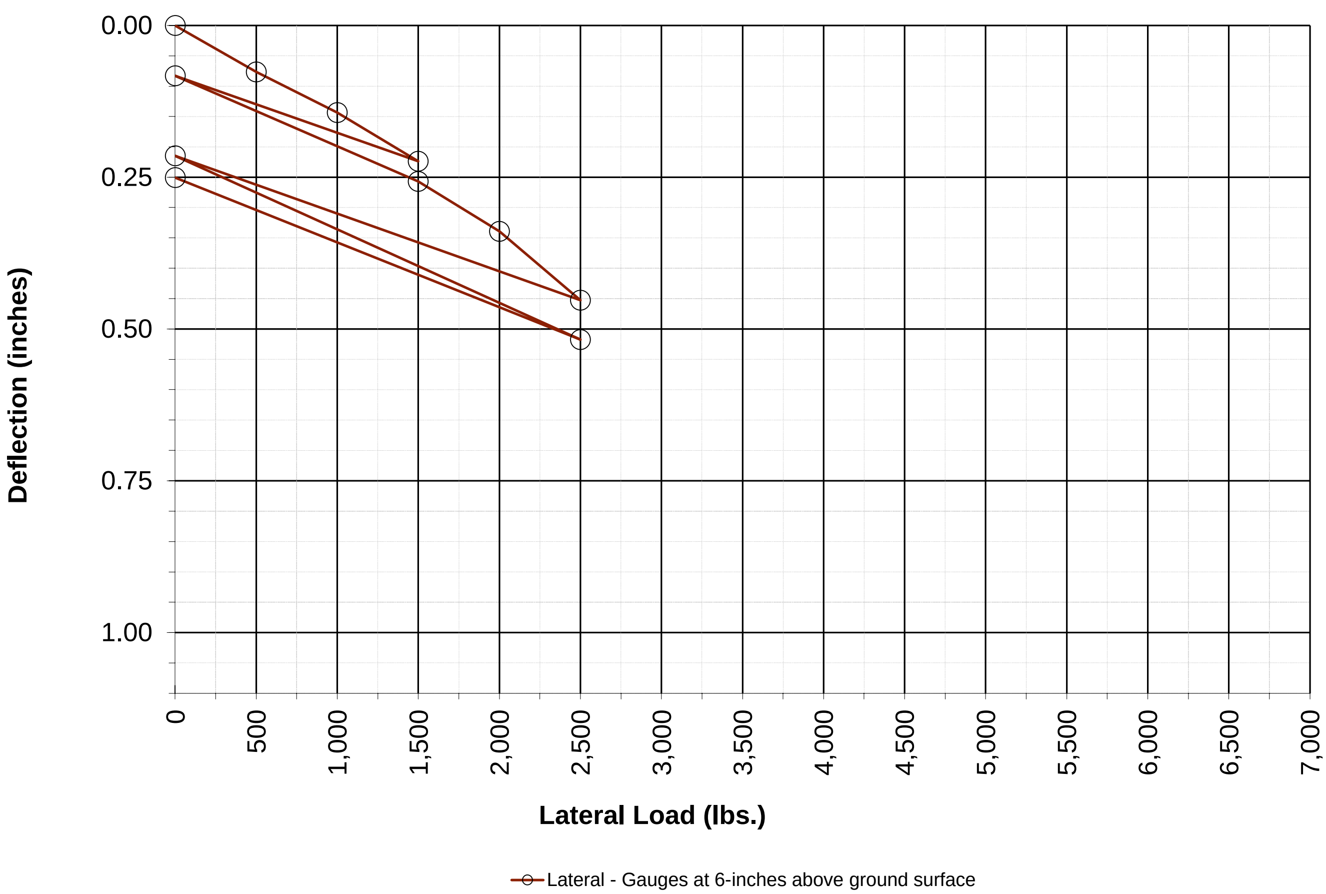
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/19/2023

Pile Information

Pile ID:	PLT-86A
Group Latitude [deg.]:	36.4445
Group Longitude [deg.]:	-120.2460
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	15

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.077	
14%	1,000	0.144	
21%	1,500	0.224	
0%	0	0.083	
21%	1,500	0.257	
29%	2,000	0.339	
36%	2,500	0.453	
0%	0	0.215	
36%	2,500	0.518	
43%	3,000		
50%	3,500		
0%	0	0.251	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-86B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

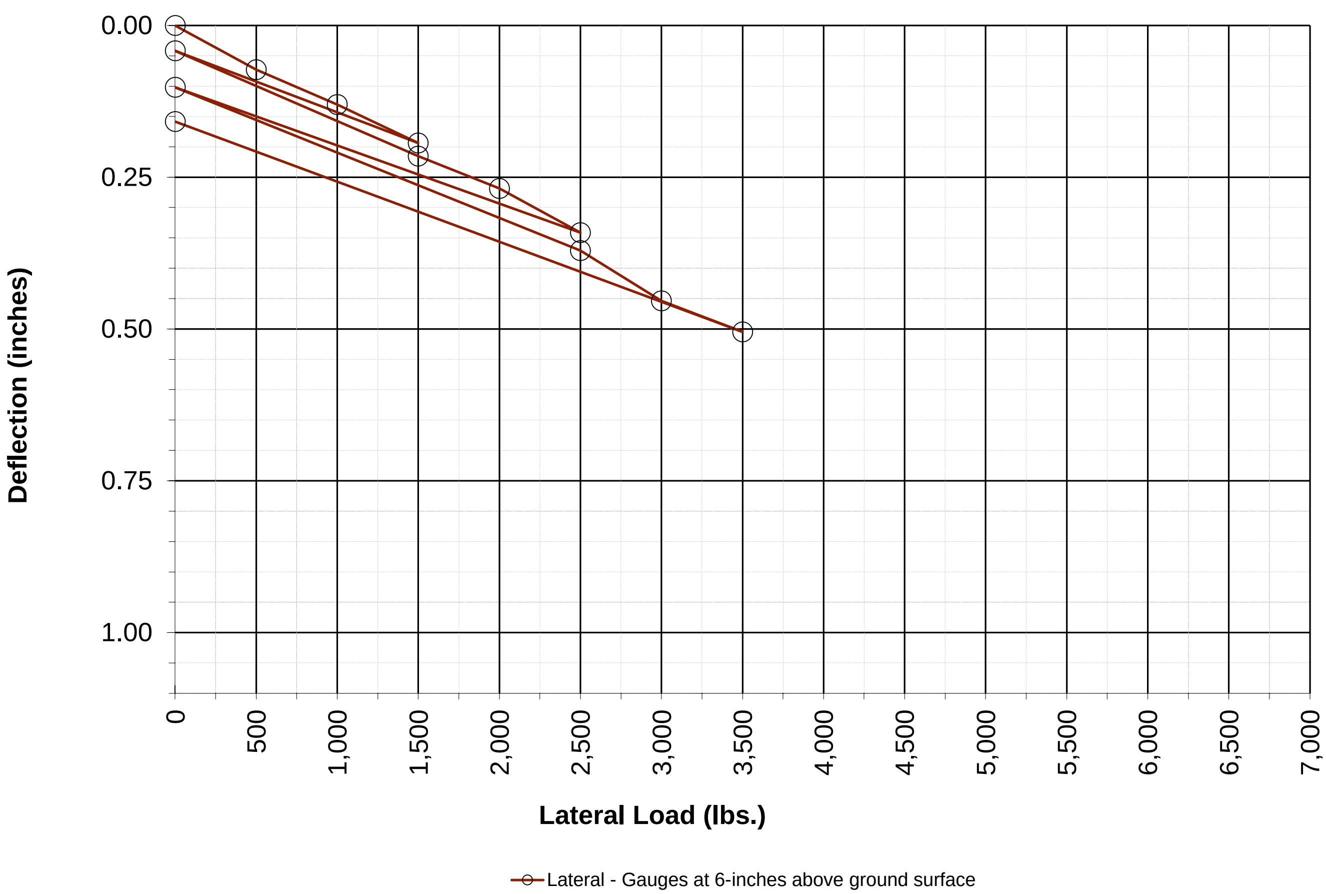
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/19/2023

Pile Information

Pile ID:	PLT-86B
Group Latitude [deg.]:	36.4445
Group Longitude [deg.]:	-120.2460
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	30

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.073	
14%	1,000	0.130	
21%	1,500	0.194	
0%	0	0.042	
21%	1,500	0.215	
29%	2,000	0.269	
36%	2,500	0.341	
0%	0	0.102	
36%	2,500	0.371	
43%	3,000	0.454	
50%	3,500	0.505	
0%	0	0.158	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-87A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

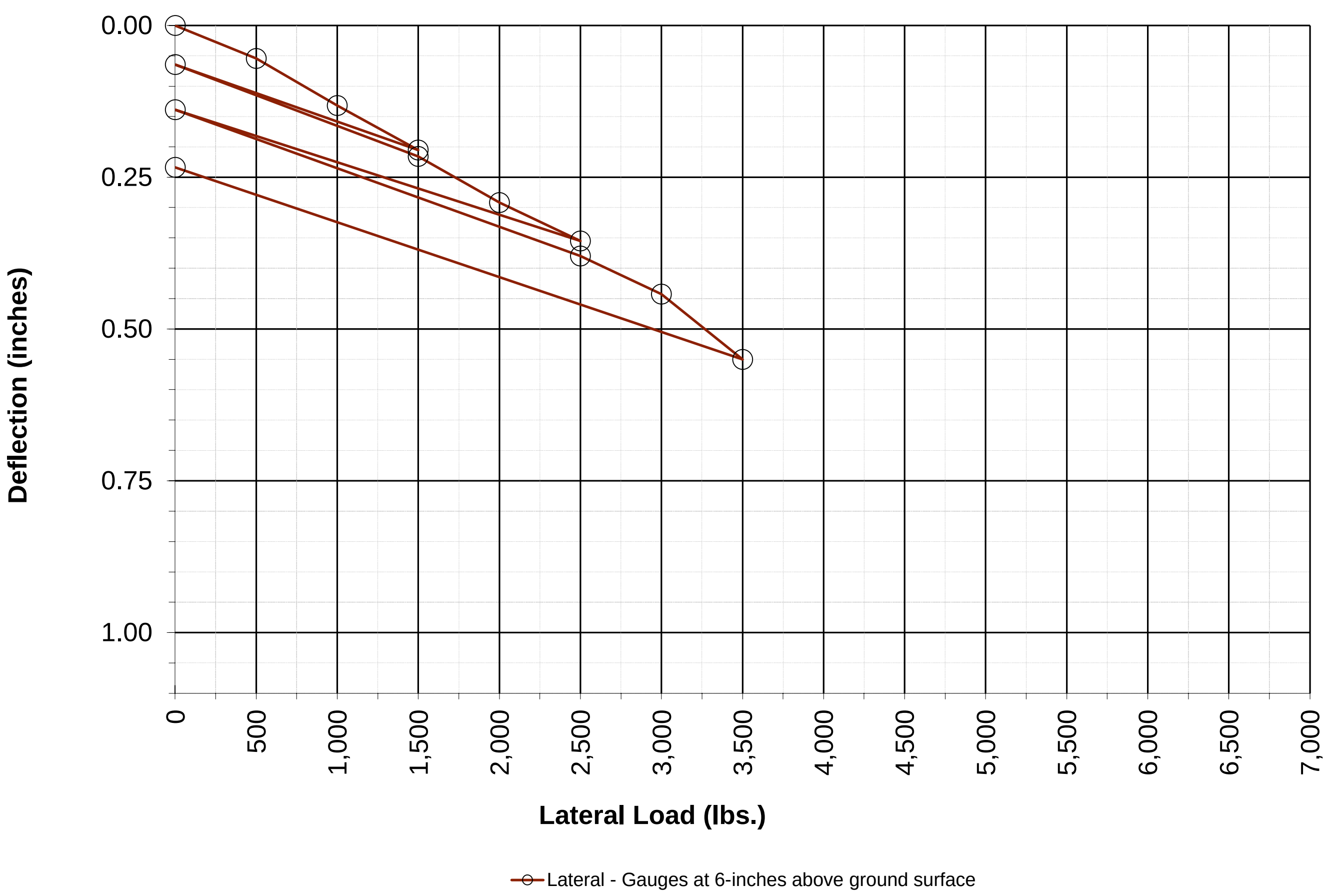
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-87A
Group Latitude [deg.]:	36.4427
Group Longitude [deg.]:	-120.2392
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	29

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.055	
14%	1,000	0.132	
21%	1,500	0.205	
0%	0	0.065	
21%	1,500	0.216	
29%	2,000	0.292	
36%	2,500	0.355	
0%	0	0.139	
36%	2,500	0.380	
43%	3,000	0.442	
50%	3,500	0.550	
0%	0	0.234	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-87B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

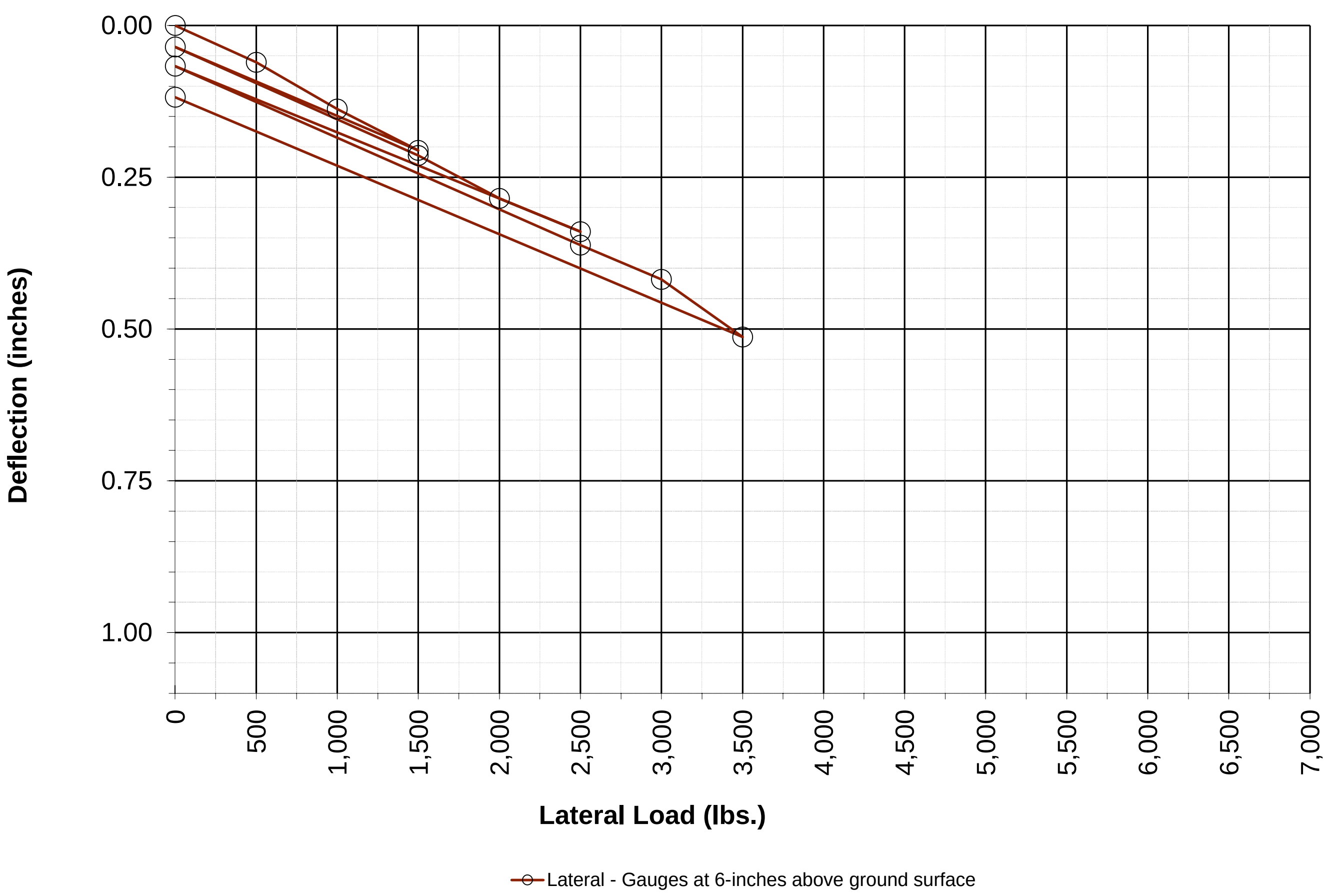
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-87B
Group Latitude [deg.]:	36.4427
Group Longitude [deg.]:	-120.2392
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	42

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.061	
14%	1,000	0.138	
21%	1,500	0.206	
0%	0	0.036	
21%	1,500	0.214	
29%	2,000	0.285	
36%	2,500	0.340	
0%	0	0.067	
36%	2,500	0.362	
43%	3,000	0.418	
50%	3,500	0.513	
0%	0	0.118	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-88A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

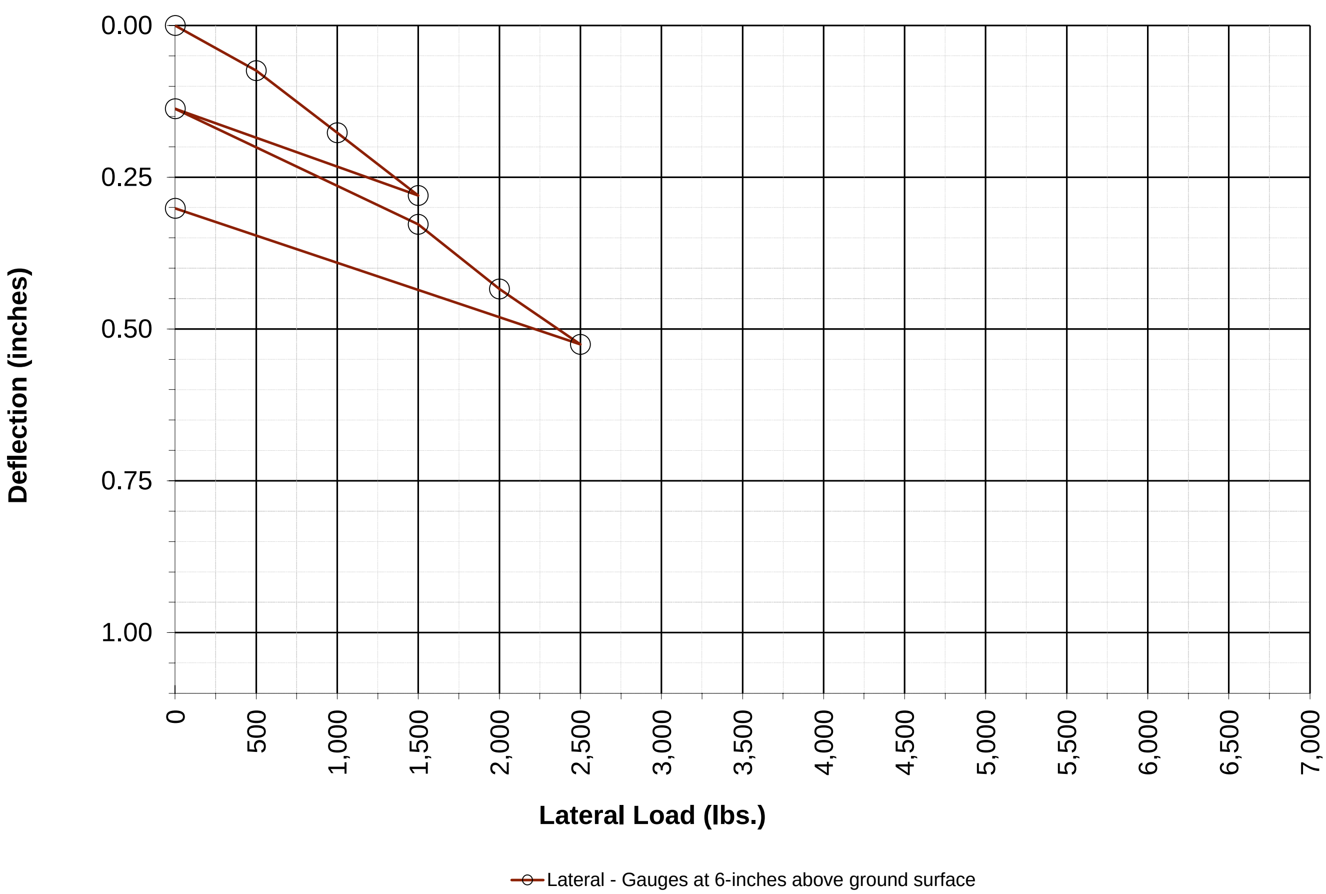
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/19/2023

Pile Information

Pile ID:	PLT-88A
Group Latitude [deg.]:	36.4372
Group Longitude [deg.]:	-120.2464
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	17

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.075	
14%	1,000	0.177	
21%	1,500	0.280	
0%	0	0.137	
21%	1,500	0.328	
29%	2,000	0.434	
36%	2,500	0.526	
0%	0	0.302	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-88B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

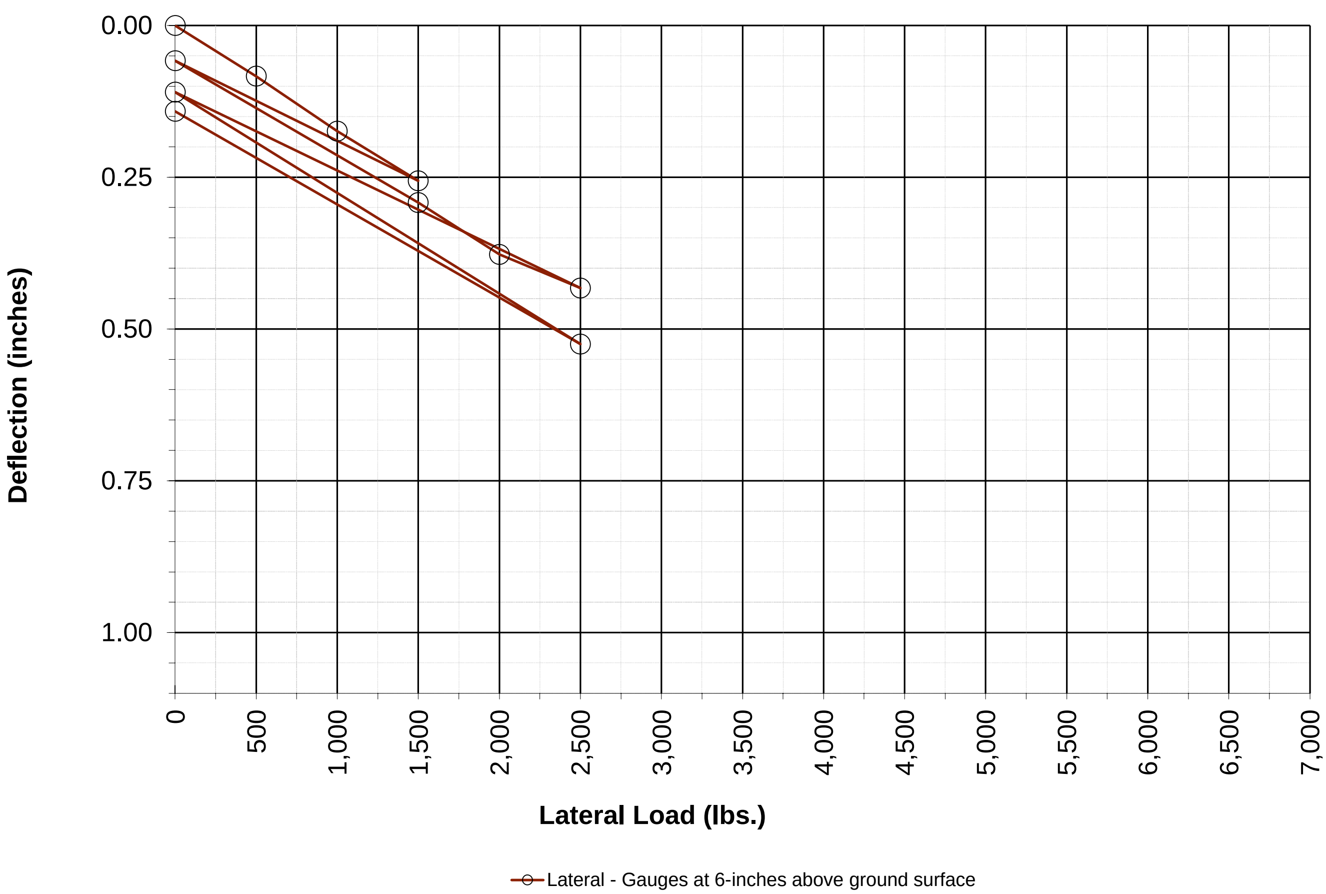
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/19/2023

Pile Information

Pile ID:	PLT-88B
Group Latitude [deg.]:	36.4372
Group Longitude [deg.]:	-120.2464
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	36

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.084	
14%	1,000	0.174	
21%	1,500	0.256	
0%	0	0.058	
21%	1,500	0.292	
29%	2,000	0.377	
36%	2,500	0.433	
0%	0	0.110	
36%	2,500	0.525	
43%	3,000		
50%	3,500		
0%	0	0.142	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-89A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

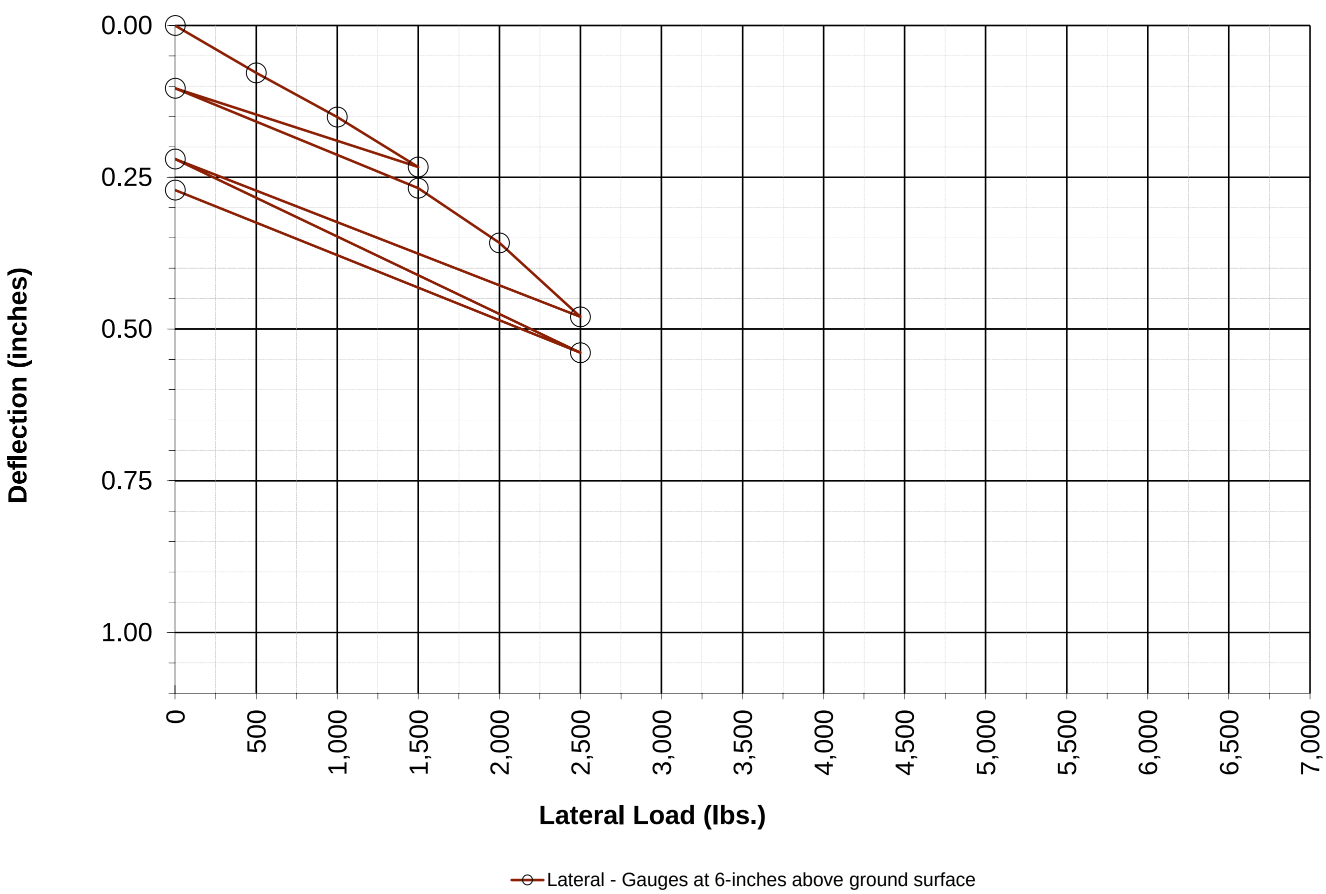
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/19/2023

Pile Information

Pile ID:	PLT-89A
Group Latitude [deg.]:	36.4409
Group Longitude [deg.]:	-120.2467
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	21

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.078	
14%	1,000	0.151	
21%	1,500	0.233	
0%	0	0.103	
21%	1,500	0.268	
29%	2,000	0.359	
36%	2,500	0.480	
0%	0	0.220	
36%	2,500	0.539	
43%	3,000		
50%	3,500		
0%	0	0.271	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-89B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

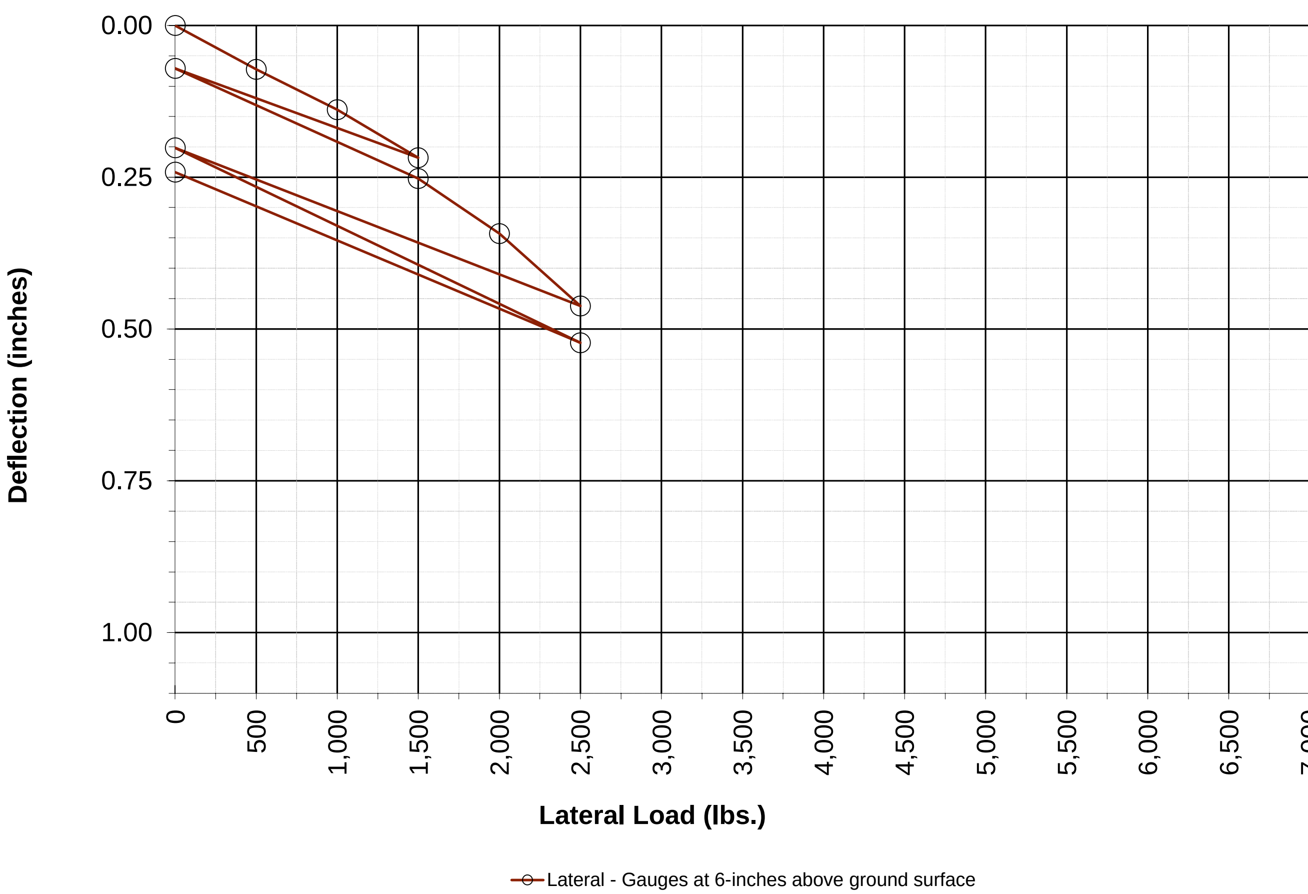
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/19/2023

Pile Information

Pile ID:	PLT-89B
Group Latitude [deg.]:	36.4409
Group Longitude [deg.]:	-120.2467
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	21

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.072	
14%	1,000	0.139	
21%	1,500	0.218	
0%	0	0.071	
21%	1,500	0.253	
29%	2,000	0.343	
36%	2,500	0.462	
0%	0	0.202	
36%	2,500	0.523	
43%	3,000		
50%	3,500		
0%	0	0.242	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-90A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

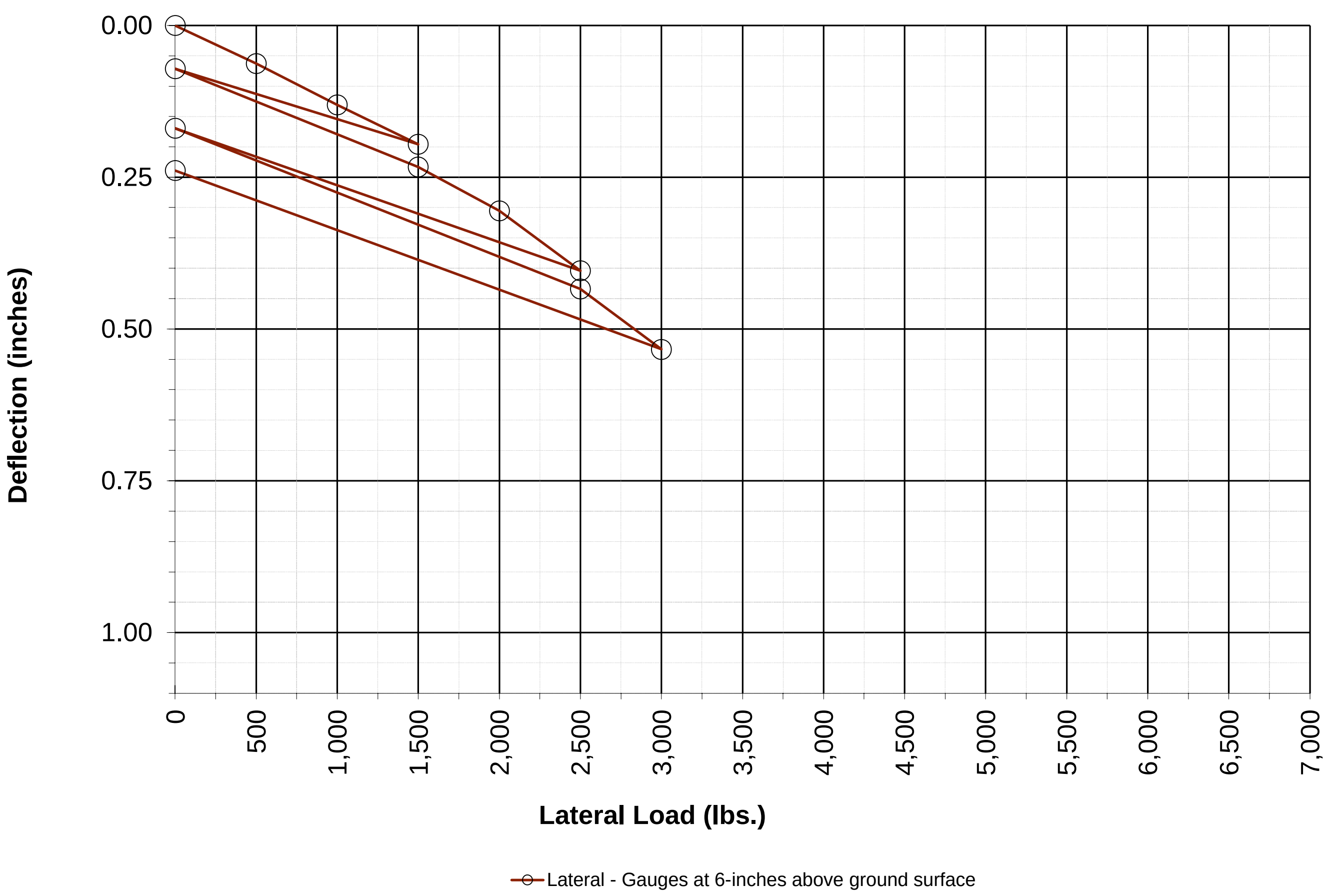
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-90A
Group Latitude [deg.]:	36.4354
Group Longitude [deg.]:	-120.2361
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	26

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.063	
14%	1,000	0.131	
21%	1,500	0.196	
0%	0	0.071	
21%	1,500	0.233	
29%	2,000	0.305	
36%	2,500	0.404	
0%	0	0.170	
36%	2,500	0.434	
43%	3,000	0.534	
50%	3,500		
0%	0	0.239	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-90B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

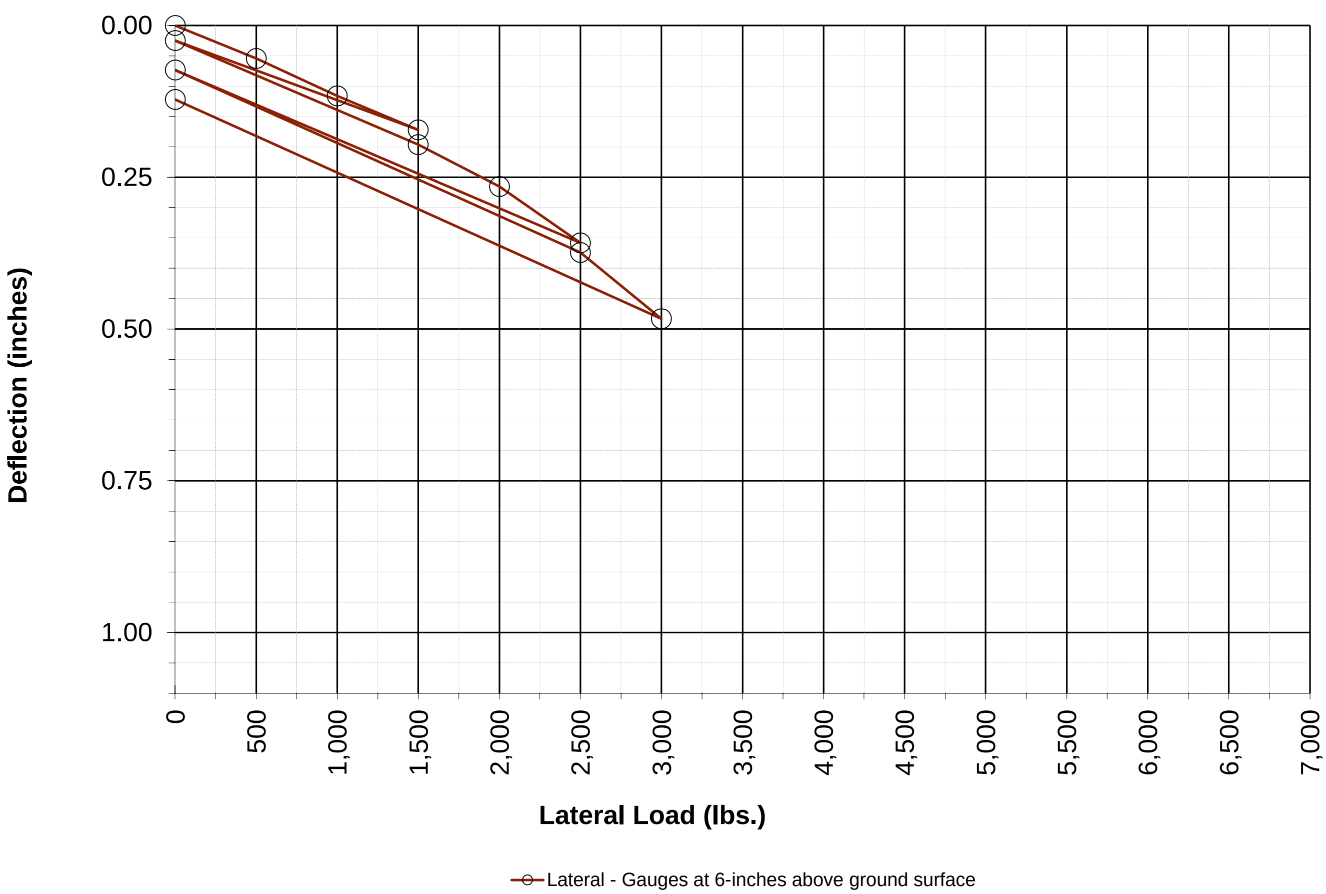
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-90B
Group Latitude [deg.]:	36.4354
Group Longitude [deg.]:	-120.2361
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	36

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.055	
14%	1,000	0.116	
21%	1,500	0.172	
0%	0	0.025	
21%	1,500	0.197	
29%	2,000	0.266	
36%	2,500	0.359	
0%	0	0.074	
36%	2,500	0.374	
43%	3,000	0.483	
50%	3,500		
0%	0	0.122	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-91A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

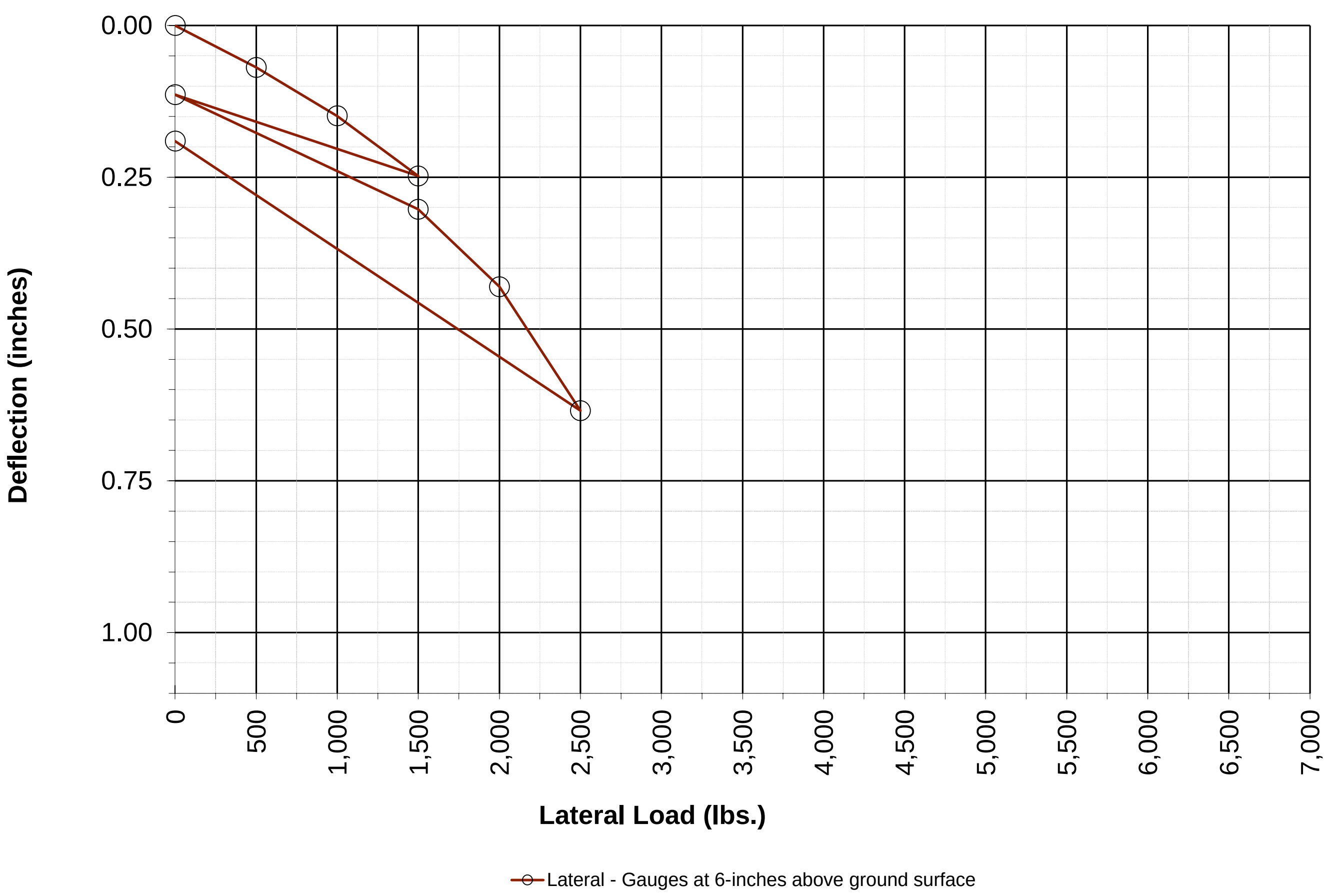
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-91A
Group Latitude [deg.]:	36.4299
Group Longitude [deg.]:	-120.2342
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	15

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.070	
14%	1,000	0.149	
21%	1,500	0.248	
0%	0	0.114	
21%	1,500	0.303	
29%	2,000	0.431	
36%	2,500	0.635	
0%	0	0.190	
36%	2,500		
43%	3,000		
50%	3,500		
0%	0		
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Lateral Load Test Result for PLT-91B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Lateral Load Test Set Up

Number of Top Gauges:	0
Number of Bottom Gauges:	2
Height of Top Gauges [in.]:	6
Height of Bottom Gauges [in.]:	6
Height of Applied Load [in.]:	24
Load Cell:	DILLON ED

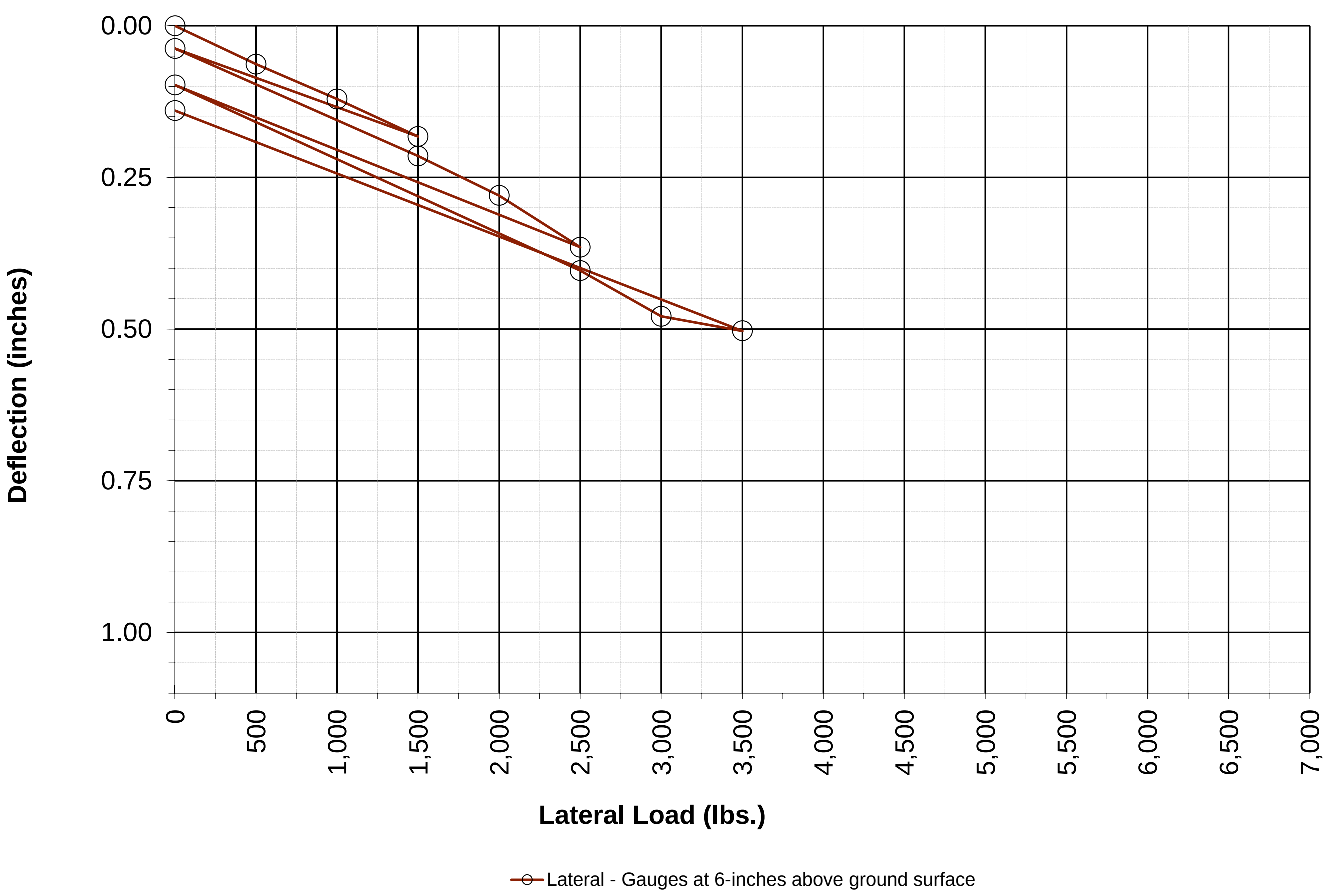
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	6/20/2023

Pile Information

Pile ID:	PLT-91B
Group Latitude [deg.]:	36.4299
Group Longitude [deg.]:	-120.2342
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Stick-Up [in.]:	24
Lateral Target Load [lbs.]:	7,000
Drive Time [sec.]:	25

% of Target Load	Lateral Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Comments
0%	0	0.000	
7%	500	0.064	
14%	1,000	0.121	
21%	1,500	0.183	
0%	0	0.038	
21%	1,500	0.215	
29%	2,000	0.280	
36%	2,500	0.365	
0%	0	0.098	
36%	2,500	0.404	
43%	3,000	0.479	
50%	3,500	0.503	
0%	0	0.140	
50%	3,500		
57%	4,000		
64%	4,500		
0%	0		
64%	4,500		
71%	5,000		
79%	5,500		
0%	0		
79%	5,500		
86%	6,000		
93%	6,500		
100%	7,000		
0%	0		



Axial Tension Test Results

Terracon

Axial Tension								
Pile No.		Pile Type	Embedment Depth, ft	Pile Drive Time, sec	Yield Deflection, in[1]	Yield Load, lb	Ultimate Deflection[2]	Ultimate Load, lb
PLT-1	A	W6x9	5	8	0.25**	2,900	0.79	4,000
	B	W6x9	8	24	0.24	6,000	0.79	7,000
PLT-2	A	W6x9	6	20	0.25**	4,400	0.80	5,500
	B	W6x9	9	57	0.12*	7,000	-	-
PLT-3	A	W6x9	7	40	0.09*	7,000	-	-
	B	W6x9	10	120	0.08*	7,000	-	-
PLT-4	A	W6x9	5	7	0.25**	2,700	0.78	4,500
	B	W6x9	8	15	0.25	5,000	0.80	7,000
PLT-5	A	W6x9	6	14	0.25**	5,700	0.81	7,000
	B	W6x9	9	47	0.07*	7,000	-	-
PLT-6	A	W6x9	7	22	0.14*	7,000	-	-
	B	W6x9	10	40	0.08*	7,000	-	-
PLT-7	A	W6x9	7	11	0.25**	3,100	0.84	4,500
	B	W6x9	10	26	0.06*	7,000	-	-
PLT-8	A	W6x9	6	43	0.25**	5,900	0.56	7,000
	B	W6x9	9	34	0.05*	7,000	-	-
PLT-9	A	W6x9	6	43	0.06*	7,000	-	-
	B	W6x9	10	79	<0.05*	7,000	-	-
PLT-10	A	W6x9	5	12	0.25**	3,200	0.82	4,000
	B	W6x9	8	29	0.25**	6,300	0.56	7,000
PLT-11	A	W6x9	6	8	0.25**	3,100	0.80	7,000
	B	W6x9	9	18	0.25**	6,100	0.57	7,000
PLT-12	A	W6x9	7	38	0.13*	7,000	-	-
	B	W6x9	10	74	0.09*	7,000	-	-
PLT-13	A	W6x9	5	17	0.26	6,500	0.34	7,000
	B	W6x9	7	48	0.06*	7,000	-	-
PLT-14	A	W6x9	6	30	0.14*	7,000	-	-
	B	W6x9	9	42	<0.05*	7,000	-	-
PLT-15	A	W6x9	6	27	0.26	6,000	0.82	7,000
	B	W6x9	10	61	<0.05*	7,000	-	-
PLT-16	A	W6x9	5	13	0.25**	4,100	1.04	5,000
	B	W6x9	8	70	0.14*	7,000	-	-

[1] Yield deflection is defined near 1/4"

[2] Ultimate deflection is defined near 3/4"

* Maximum load reached prior to deflection criteria

**Load interpolated from graph.

Axial Tension								
Pile No.		Pile Type	Embedment Depth, ft	Pile Drive Time, sec	Yield Deflection, in[1]	Yield Load, lb	Ultimate Deflection[2]	Ultimate Load, lb
PLT-17	A	W6x9	6	29	0.15*	6,000	-	-
	B	W6x9	9	50	0.11*	7,000	-	-
PLT-18	A	W6x9	7	15	0.11*	7,000	-	-
	B	W6x9	10	90	0.05*	7,000	-	-
PLT-19	A	W6x9	5	10	0.25	4,000	0.77	5,500
	B	W6x9	8	21	0.25**	5,050	0.77	6,500
PLT-20	A	W6x9	6	28	0.25**	5,050	0.75	6,500
	B	W6x9	9	64	0.25**	6,900	0.26	7,000
PLT-21	A	W6x9	7	60	0.15*	7,000	-	-
	B	W6x9	10	32	<0.05*	7,000	-	-
PLT-22	A	W6x9	5	13	0.25**	2,200	0.59	2,500
	B	W6x9	8	25	0.25**	4,200	0.80	5,000
PLT-23	A	W6x9	6	17	0.09*	7,000	-	-
	B	W6x9	9	63	<0.05*	7,000	-	-
PLT-24	A	W6x9	7	29	0.11*	7,000	-	-
	B	W6x9	10	55	<0.05	7,000	-	-
PLT-25	A	W6x9	5	15	0.25**	3,600	0.77	4,000
	B	W6x9	8	39	0.19*	7,000	-	-
PLT-26	A	W6x9	6	17	0.13*	7,000	-	-
	B	W6x9	9	85	0.13*	7,000	-	-
PLT-27	A	W6x9	7	41	0.13*	7,000	-	-
	B	W6x9	10	82	<0.05*	7,000	-	-
PLT-28	A	W6x9	5	19	0.25**	5,300	0.81	6,000
	B	W6x9	8	55	<0.05*	7,000	-	-
PLT-29	A	W6x9	6	33	0.09*	7,000	-	-
	B	W6x9	9	68	<0.05*	7,000	-	-
PLT-30	A	W6x9	7	32	0.12*	7,000	-	-
	B	W6x9	10	65	<0.05	7,000	-	-
PLT-31	A	W6x9	5	15	0.25	5,500	0.76	6,500
	B	W6x9	8	84	0.07*	7,000	-	-
PLT-32	A	W6x9	9	69	<0.05*	7,000	-	-
	B	W6x9	6	33	<0.05*	7,000	-	-
PLT-33	A	W6x9	7	30	0.1*	7,000	-	-
	B	W6x9	10	66	0.07*	7,000	-	-
PLT-34	A	W6x9	5	16	0.25**	6,300	0.52	7,000
	B	W6x9	8	60	0.06*	7,000	-	-
PLT-35	A	W6x9	6	25	0.25**	6,800	0.27	7,000
	B	W6x9	9	69	0.09*	7,000	-	-

[1] Yield deflection is defined near 1/4"
[2] Ultimate deflection is defined near 3/4"
* Maximum load reached prior to deflection criteria
**Load interpolated from graph.

Axial Tension								
Pile No.		Pile Type	Embedment Depth, ft	Pile Drive Time, sec	Yield Deflection, in[1]	Yield Load, lb	Ultimate Deflection[2]	Ultimate Load, lb
PLT-36	A	W6x9	7	58	<0.05*	7,000	-	-
	B	W6x9	10	91	<0.05	7,000	-	-
PLT-37	A	W6x9	5	23	<0.05*	7000	-	-
	B	W6x9	8	57	<0.05*	7,000	-	-
PLT-38	A	W6x9	6	26	0.12*	7,000	-	-
	B	W6x9	9	52	0.06*	7,000	-	-
PLT-39	A	W6x9	7	24	0.15*	7,000	-	-
	B	W6x9	10	50	<0.05	7,000	-	-
PLT-40	A	W6x9	5	16	0.18*	7,000	-	-
	B	W6x9	8	53	<0.05	7,000	-	-
PLT-41	A	W6x9	6	18	0.25	4,500	-	-
	B	W6x9	9	37	0.19*	7,000	-	-
PLT-42	A	W6x9	7	22	0.25**	5,200	0.77	7,000
	B	W6x9	10	38	0.08*	7,000	-	-
PLT-43	A	W6x9	5	20	0.25**	4,700	0.76	6,000
	B	W6x9	7	59	0.25**	5,800	0.62	7,000
PLT-44	A	W6x9	6	23	0.25	5,500	0.77	7,000
	B	W6x9	9	34	0.25	6,500	0.34	7,000
PLT-45	A	W6x9	7	23	0.25**	4,400	0.76	6,000
	B	W6x9	10	32	0.25**	5,400	0.81	7,000
PLT-46	A	W6x9	5	18	0.25**	3,600	0.90	5,000
	B	W6x9	8	34	0.25**	4,900	0.79	6,000
PLT-47	A	W6x9	6	34	0.25**	4,300	0.79	6,000
	B	W6x9	9	74	<0.05*	7,000	-	-
PLT-48	A	W6x9	7	38	0.18*	7,000	-	-
	B	W6x9	10	79	0.07*	7,000	-	-
PLT-49	A	W6x9	5	27	0.08*	7,000	-	-
	B	W6x9	8	46	0.12*	7,000	-	-

[1] Yield deflection is defined near 1/4"

[2] Ultimate deflection is defined near 3/4"

* Maximum load reached prior to deflection criteria

**Load interpolated from graph.

Terracon

Axial Tension								
Pile No.		Pile Type	Embedment Depth, ft	Pile Drive Time, sec	Yield Deflection, in[1]	Yield Load, lb	Ultimate Deflection[2]	Ultimate Load, lb
PLT-50	A	W6x9	6	35	<0.05*	7,000	-	-
	B	W6x9	9	52	0.06*	7,000	-	-
PLT-51	A	W6x9	7	44	<0.05*	7,000	-	-
	B	W6x9	10	86	<0.05*	7,000	-	-
PLT-52	A	W6x9	5	22	0.16*	7,000	-	-
	B	W6x9	8	36	<0.05*	7,000	-	-
PLT-53	A	W6x9	6	25	0.12*	7,000	-	-
	B	W6x9	9	55	<0.05*	7,000	-	-
PLT-54	A	W6x9	7	37	0.08*	7,000	-	-
	B	W6x9	10	70	<0.05*	7,000	-	-
PLT-55	A	W6x9	5	29	<0.05*	7,000	-	-
	B	W6x9	8	65	0.06*	7,000	-	-
PLT-56	A	W6x9	6	32	<0.05*	7,000	-	-
	B	W6x9	9	90	<0.05*	7,000	-	-
PLT-57	A	W6x9	7	28	0.13*	7,000	-	-
	B	W6x9	10	42	0.09*	7,000	-	-
PLT-58	A	W6x9	5	19	0.25**	3,800	0.77	4,500
	B	W6x9	8	49	0.25**	6,600	0.33	7,000
PLT-59	A	W6x9	6	35	0.25**	6,200	0.63	7,000
	B	W6x9	9	67	<0.05*	7,000	-	-
PLT-60	A	W6x9	7	44	0.18*	7,000	-	-
	B	W6x9	10	100	0.08*	7,000	-	-
PLT-61	A	W6x9	5	29	0.25**	4,600	0.81	5,500
	B	W6x9	8	58	0.26	7,000	-	-
PLT-62	A	W6x9	6	23	0.24	3,000	0.85	3,500
	B	W6x9	9	40	0.25	5,000	0.78	6,500
PLT-63	A	W6x9	7	27	0.1*	7,000	-	-
	B	W6x9	10	59	0.07*	7,000	-	-
PLT-64	A	W6x9	8	53	<0.05*	7,000	-	-
	B	W6x9	5	18	0.26	4,500	0.79	5,500
PLT-65	A	W6x9	6	33	0.07*	7,000	-	-
	B	W6x9	9	83	<0.05*	7,000	-	-
PLT-66	A	W6x9	7	28	**0.25	6,600	0.46	7,000
	B	W6x9	10	57	0.12*	7,000	-	-
PLT-67	A	W6x9	5	15	0.25**	6,700	0.34	7,000
	B	W6x9	8	47	<0.05	7,000	-	-
PLT-68	A	W6x9	6	17	0.26	6,000	0.81	6,500
	B	W6x9	9	33	0.05*	7,000	-	-
PLT-69	A	W6x9	7	36	0.06*	7,000	-	-
	B	W6x9	10	67	<0.05*	7,000	-	-
PLT-70	A	W6x9	5	12	0.25**	1,600	0.79	2,500
	B	W6x9	8	22	0.25**	2,600	0.78	3,500
PLT-71	A	W6x9	6	28	0.24	5,500	0.75	6,500
	B	W6x9	9	37	0.25**	5,600	0.80	7,000

[1] Yield deflection is defined near 1/4"

[2] Ultimate deflection is defined near 3/4"

* Maximum load reached prior to deflection criteria

**Load interpolated from graph.

Terracon

Axial Tension								
Pile No.		Pile Type	Embedment Depth, ft	Pile Drive Time, sec	Yield Deflection, in[1]	Yield Load, lb	Ultimate Deflection[2]	Ultimate Load, lb
PLT-72	A	W6x9	7	20	0.25	7,000	-	-
	B	W6x9	10	37	0.07*	7,000	-	-
PLT-73	A	W6x9	5	19	0.25**	4400	0.54	5,500
	B	W6x9	8	43	0.25	7,000	-	-
PLT-74	A	W6x9	6	19	0.25**	3,700	0.80	4,500
	B	W6x9	9	51	0.17*	7,000	-	-
PLT-75	A	W6x9	7	26	0.21*	7,000	-	-
	B	W6x9	10	49	0.09*	7,000	-	-
PLT-76	A	W6x9	5	21	0.25**	5,150	0.78	6,000
	B	W6x9	8	51	0.16*	7,000	-	-
PLT-77	A	W6x9	6	50	0.18*	7,000	-	-
	B	W6x9	9	93	<0.05*	7,000	-	-
PLT-78	A	W6x9	7	36	0.25**	5,300	0.80	6,500
	B	W6x9	10	53	0.06*	7,000	-	-
PLT-79	A	W6x9	5	33	0.25**	6,100	0.58	7,000
	B	W6x9	8	67	0.07*	7,000	-	-
PLT-80	A	W6x9	6	29	0.25**	6,600	0.31	7,000
	B	W6x9	9	35	0.08*	7,000	-	-
PLT-81	A	W6x9	7	40	0.09*	7,000	-	-
	B	W6x9	10	104	<0.05*	7,000	-	-
PLT-82	A	W6x9	5	18	0.25**	4,200	0.80	5,000
	B	W6x9	8	33	0.23*	7,000	-	-
PLT-83	A	W6x9	6	27	0.24	6,500	0.35	7,000
	B	W6x9	9	62	0.06*	7,000	-	-
PLT-84	A	W6x9	7	26	0.25**	4,200	0.78	5,000
	B	W6x9	10	46	0.25**	4,850	0.79	6,000
PLT-85	A	W6x9	5	10	0.25**	2,450	0.77	3,000
	B	W6x9	8	16	0.25**	2,700	0.81	3,500
PLT-86	A	W6x9	6	15	0.25**	3,100	0.80	3,500
	B	W6x9	9	30	0.25**	5,300	0.78	6,000
PLT-87	A	W6x9	7	29	0.25**	4,600	0.80	6,500
	B	W6x9	8	42	0.24	6,000	0.57	7,000
PLT-88	A	W6x9	5	17	0.25*	4,100	0.80	4,500
	B	W6x9	8	36	0.25**	5,600	0.81	6,000
PLT-89	A	W6x9	5	21	0.25**	4,600	0.80	5,500
	B	W6x9	72	21	0.25**	4,600	0.82	4,000
PLT-90	A	W6x9	7	26	0.25**	5,200	0.77	6,500
	B	W6x9	8	36	0.25**	6,700	0.36	7,000
PLT-91	A	W6x9	5	15	0.25**	4,200	0.78	5,000
	B	W6x9	8	25	0.25**	5,100	0.83	6,000

[1] Yield deflection is defined near 1/4"

[2] Ultimate deflection is defined near 3/4"

* Maximum load reached prior to deflection criteria

**Load interpolated from graph.

Tension Load Test Result for PLT-1A

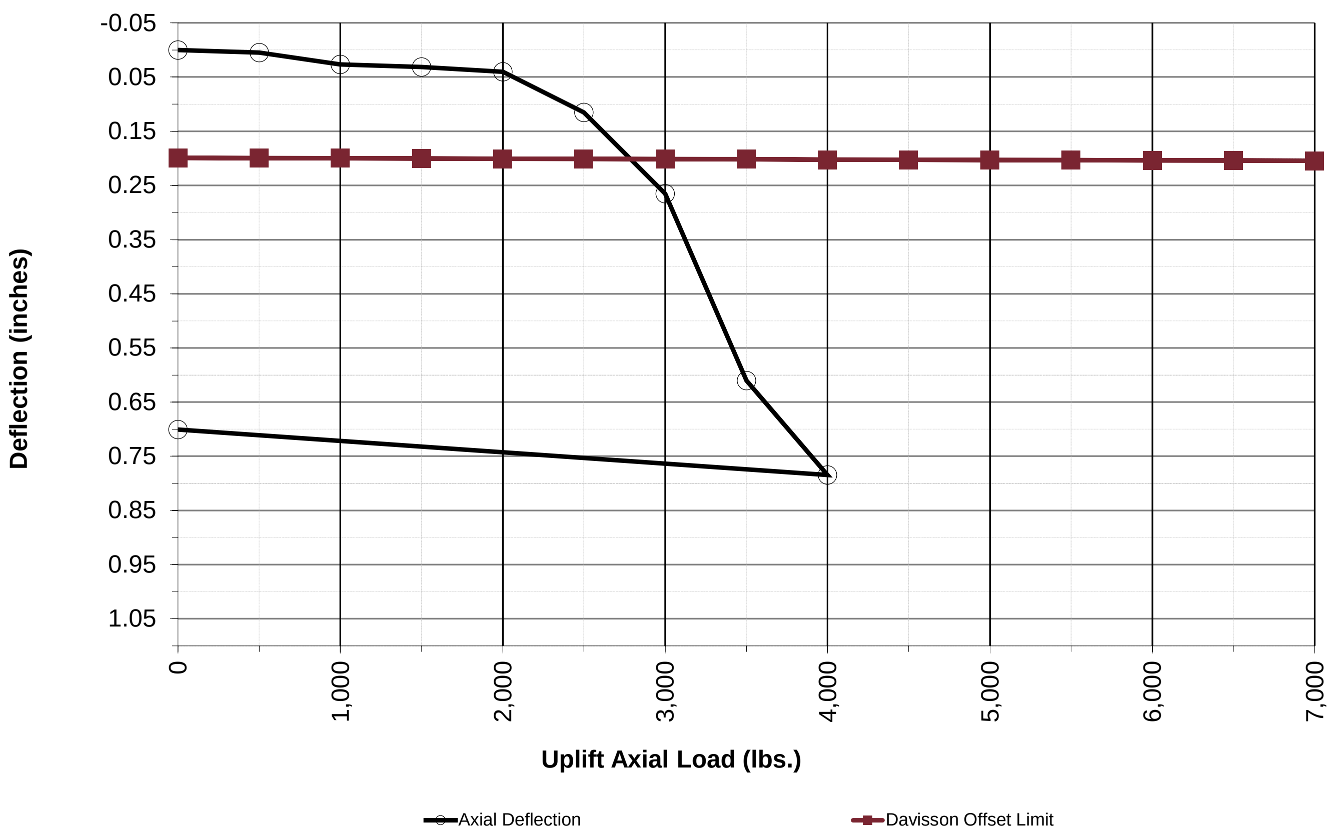
Project Information	
Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up	
Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

Test Date and Representative	
Tested By Terracon Rep:	AT
Date Tested:	4/4/2023

Pile Information	
Pile ID:	PLT-1A
Group Latitude [deg.]:	36.5224
Group Longitude[deg.]:	-120.2235
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	8

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.005	0.000	0.200	
14%	1000	0.027	0.001	0.200	
21%	1500	0.032	0.001	0.200	
29%	2000	0.040	0.002	0.201	
36%	2500	0.116	0.002	0.201	
43%	3000	0.266	0.002	0.201	
50%	3500	0.610	0.003	0.202	
57%	4000	0.785	0.003	0.202	
64%	4500		0.003	0.203	
71%	5000		0.004	0.203	
79%	5500		0.004	0.203	
86%	6000		0.005	0.204	
93%	6500		0.005	0.204	
100%	7000		0.005	0.205	
0%	0	0.701	0.000	0.199	



Tension Load Test Result for PLT-1B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

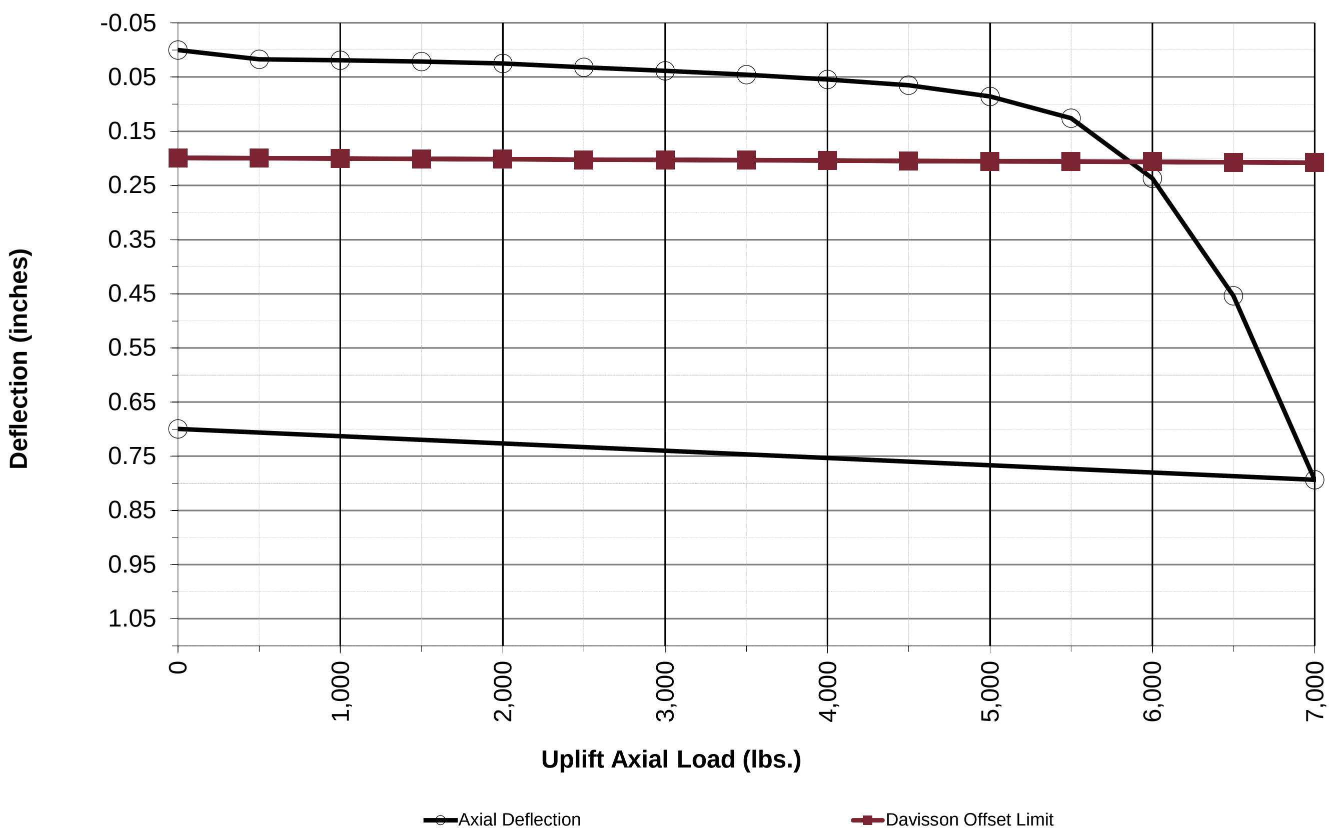
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/4/2023

Pile Information

Pile ID:	PLT-1B
Group Latitude [deg.]:	36.5224
Group Longitude[deg.]:	-120.2235
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	24

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.017	0.001	0.200	
14%	1000	0.019	0.001	0.200	
21%	1500	0.021	0.002	0.201	
29%	2000	0.025	0.002	0.202	
36%	2500	0.032	0.003	0.202	
43%	3000	0.038	0.004	0.203	
50%	3500	0.046	0.004	0.203	
57%	4000	0.054	0.005	0.204	
64%	4500	0.065	0.006	0.205	
71%	5000	0.086	0.006	0.205	
79%	5500	0.126	0.007	0.206	
86%	6000	0.237	0.007	0.207	
93%	6500	0.454	0.008	0.207	
100%	7000	0.794	0.009	0.208	
0%	0	0.700	0.000	0.199	



Tension Load Test Result for PLT-2A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

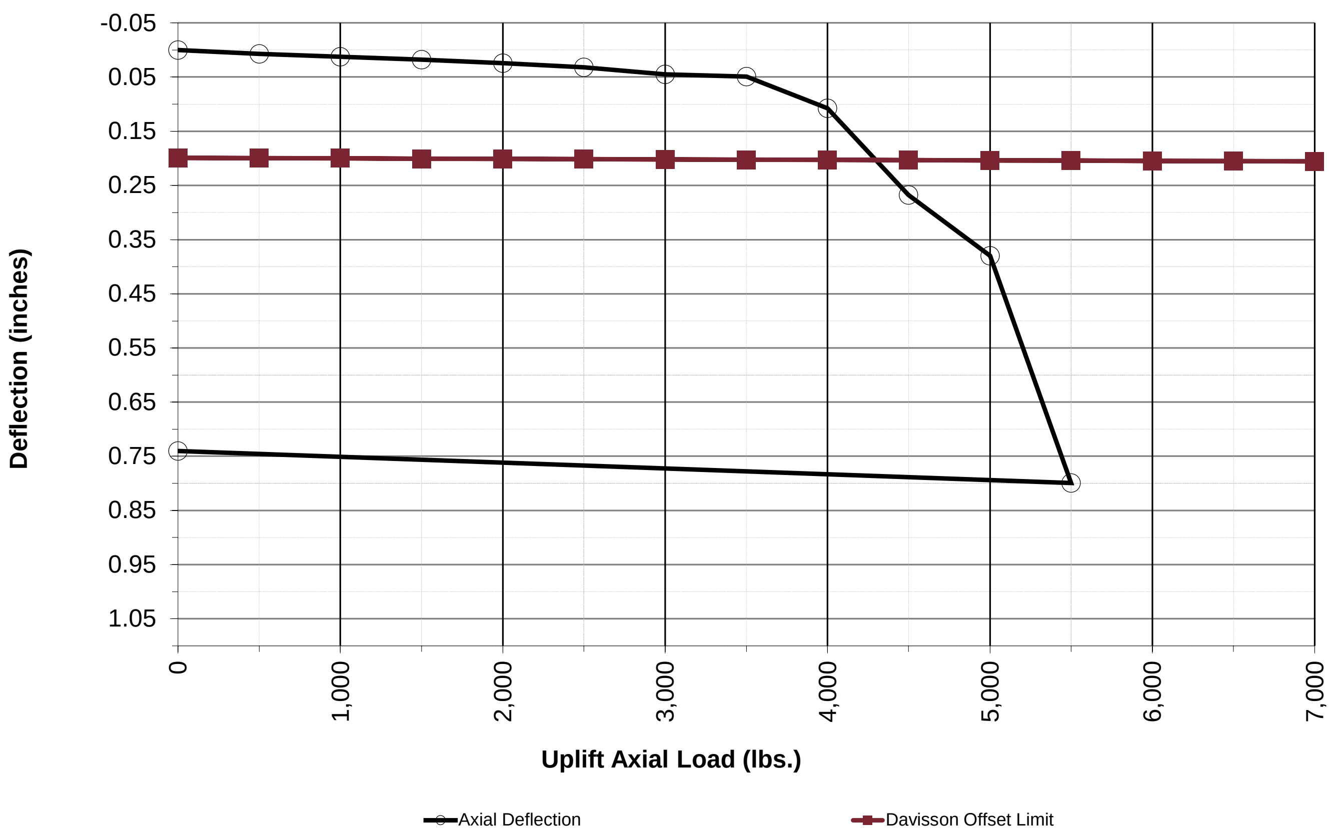
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/4/2023

Pile Information

Pile ID:	PLT-2A
Group Latitude [deg.]:	36.5169
Group Longitude[deg.]:	-120.2170
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	20

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.007	0.000	0.200	
14%	1000	0.013	0.001	0.200	
21%	1500	0.018	0.001	0.201	
29%	2000	0.024	0.002	0.201	
36%	2500	0.032	0.002	0.201	
43%	3000	0.045	0.003	0.202	
50%	3500	0.049	0.003	0.202	
57%	4000	0.108	0.004	0.203	
64%	4500	0.268	0.004	0.203	
71%	5000	0.380	0.005	0.204	
79%	5500	0.799	0.005	0.204	
86%	6000		0.006	0.205	
93%	6500		0.006	0.205	
100%	7000		0.006	0.206	
0%	0	0.740	0.000	0.199	



Tension Load Test Result for PLT-2B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

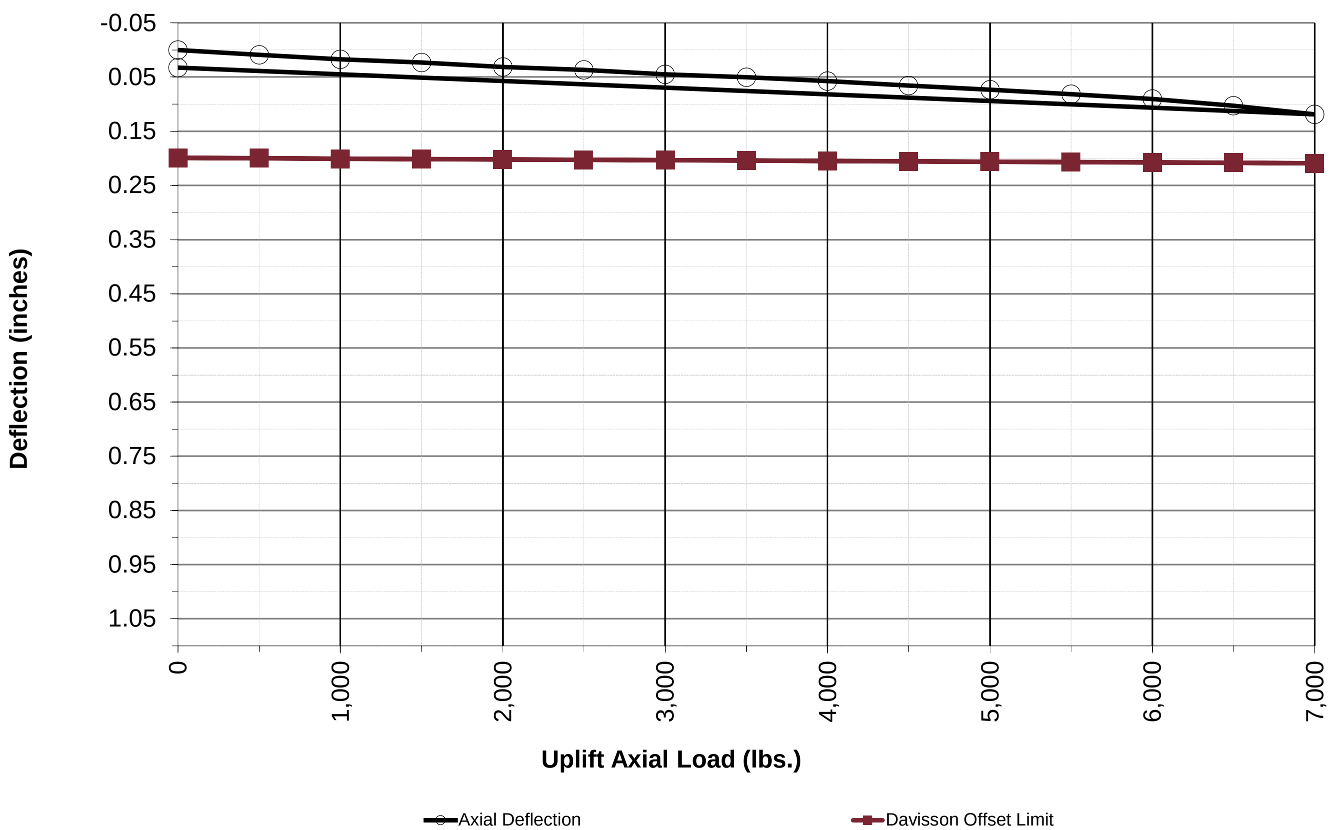
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/5/2023

Pile Information

Pile ID:	PLT-2B
Group Latitude [deg.]:	36.5169
Group Longitude[deg.]:	-120.2170
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	57

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.009	0.001	0.200	
14%	1000	0.018	0.001	0.201	
21%	1500	0.023	0.002	0.201	
29%	2000	0.031	0.003	0.202	
36%	2500	0.037	0.003	0.203	
43%	3000	0.045	0.004	0.203	
50%	3500	0.050	0.005	0.204	
57%	4000	0.057	0.006	0.205	
64%	4500	0.065	0.006	0.205	
71%	5000	0.073	0.007	0.206	
79%	5500	0.082	0.008	0.207	
86%	6000	0.091	0.008	0.208	
93%	6500	0.103	0.009	0.208	
100%	7000	0.119	0.010	0.209	
0%	0	0.033	0.000	0.199	



Tension Load Test Result for PLT-3A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

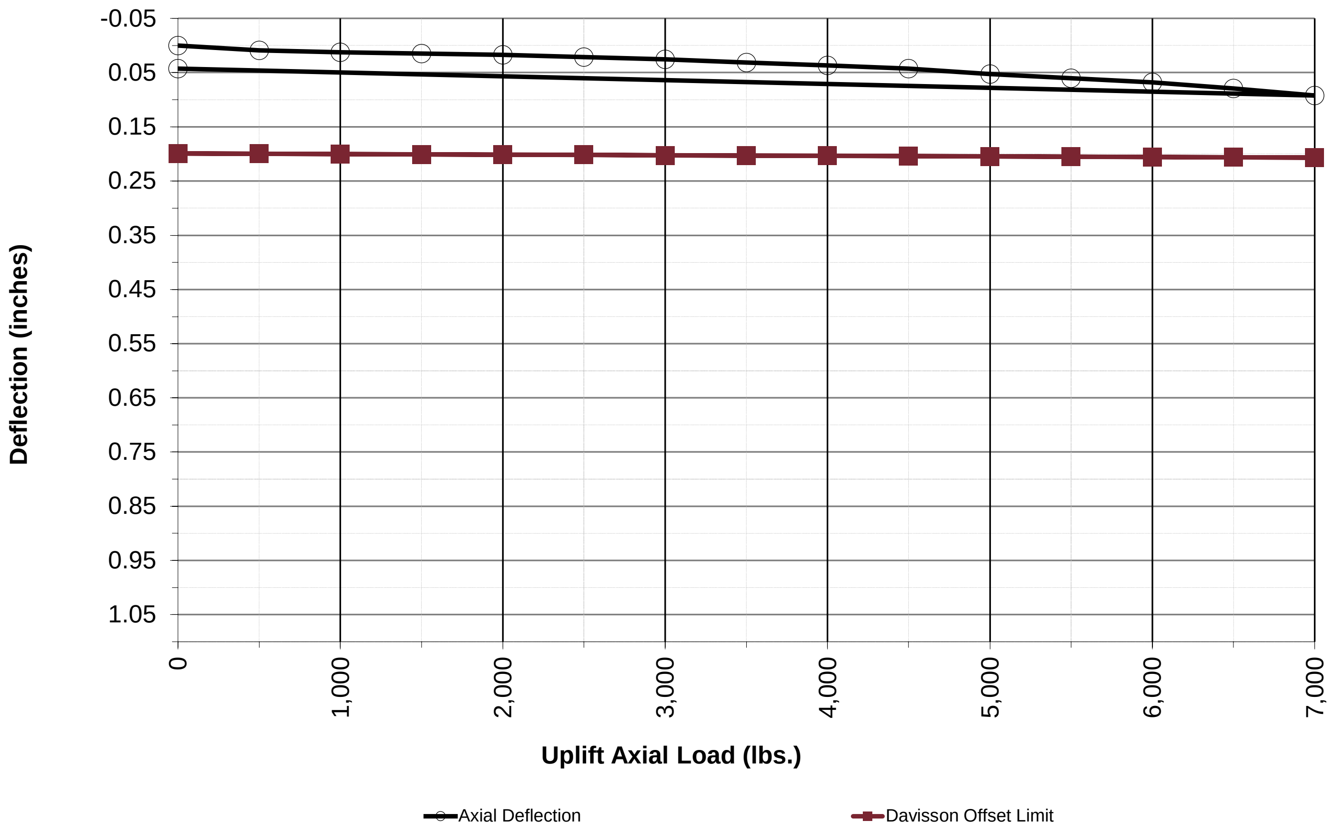
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/4/2023

Pile Information

Pile ID:	PLT-3A
Group Latitude [deg.]:	36.5225
Group Longitude[deg.]:	-120.2096
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	40

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.009	0.001	0.200	
14%	1000	0.013	0.001	0.200	
21%	1500	0.015	0.002	0.201	
29%	2000	0.018	0.002	0.201	
36%	2500	0.021	0.003	0.202	
43%	3000	0.026	0.003	0.202	
50%	3500	0.031	0.004	0.203	
57%	4000	0.037	0.004	0.203	
64%	4500	0.043	0.005	0.204	
71%	5000	0.053	0.005	0.205	
79%	5500	0.060	0.006	0.205	
86%	6000	0.068	0.006	0.206	
93%	6500	0.080	0.007	0.206	
100%	7000	0.092	0.008	0.207	
0%	0	0.043	0.000	0.199	



Tension Load Test Result for PLT-3B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

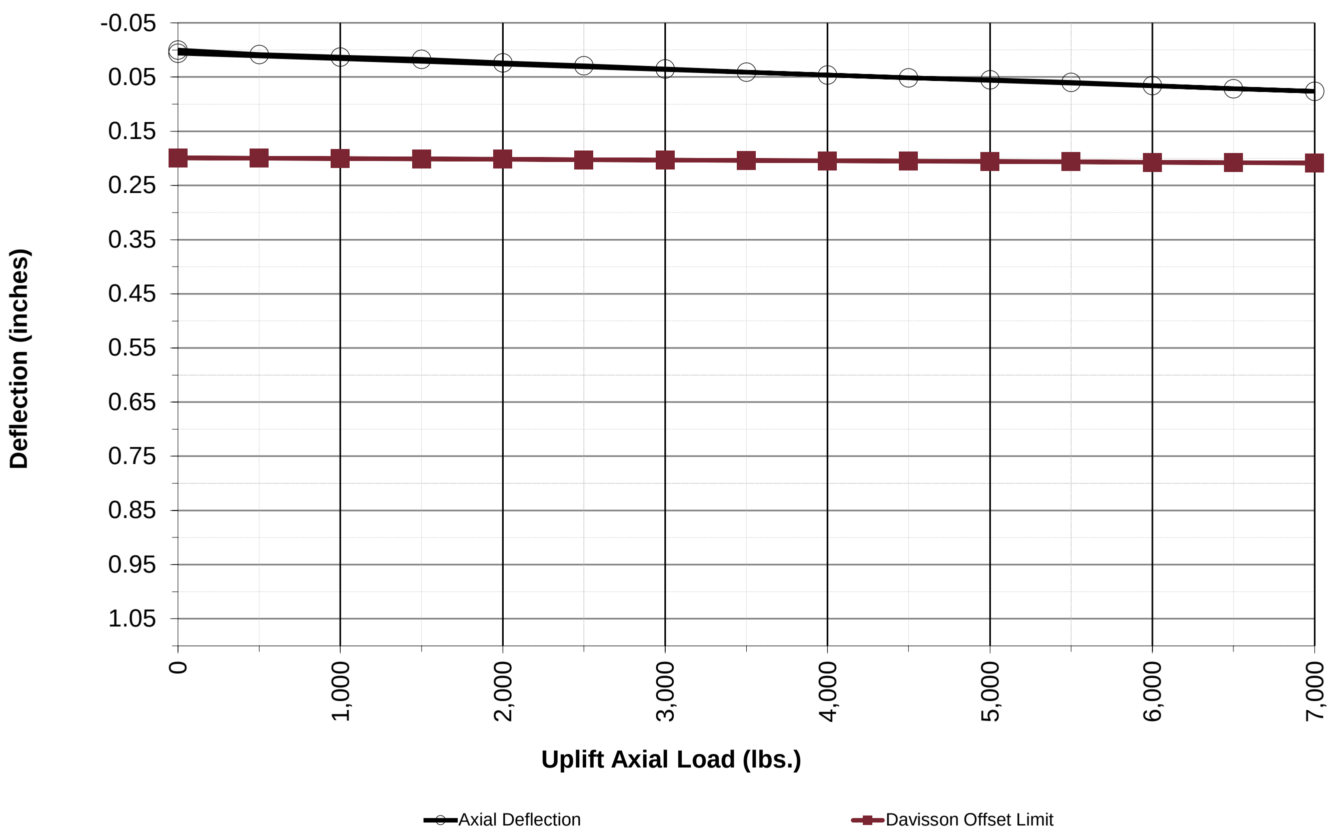
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/4/2023

Pile Information

Pile ID:	PLT-3B
Group Latitude [deg.]:	36.5225
Group Longitude[deg.]:	-120.2096
Pile Type:	W6X9
Pile Embedment Depth [in.]:	103
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	120

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.009	0.001	0.200	
14%	1000	0.013	0.001	0.200	
21%	1500	0.017	0.002	0.201	
29%	2000	0.024	0.003	0.202	
36%	2500	0.029	0.003	0.202	
43%	3000	0.035	0.004	0.203	
50%	3500	0.041	0.005	0.204	
57%	4000	0.046	0.005	0.204	
64%	4500	0.051	0.006	0.205	
71%	5000	0.055	0.007	0.206	
79%	5500	0.060	0.007	0.206	
86%	6000	0.065	0.008	0.207	
93%	6500	0.072	0.009	0.208	
100%	7000	0.076	0.009	0.208	
0%	0	0.006	0.000	0.199	



Tension Load Test Result for PLT-4A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

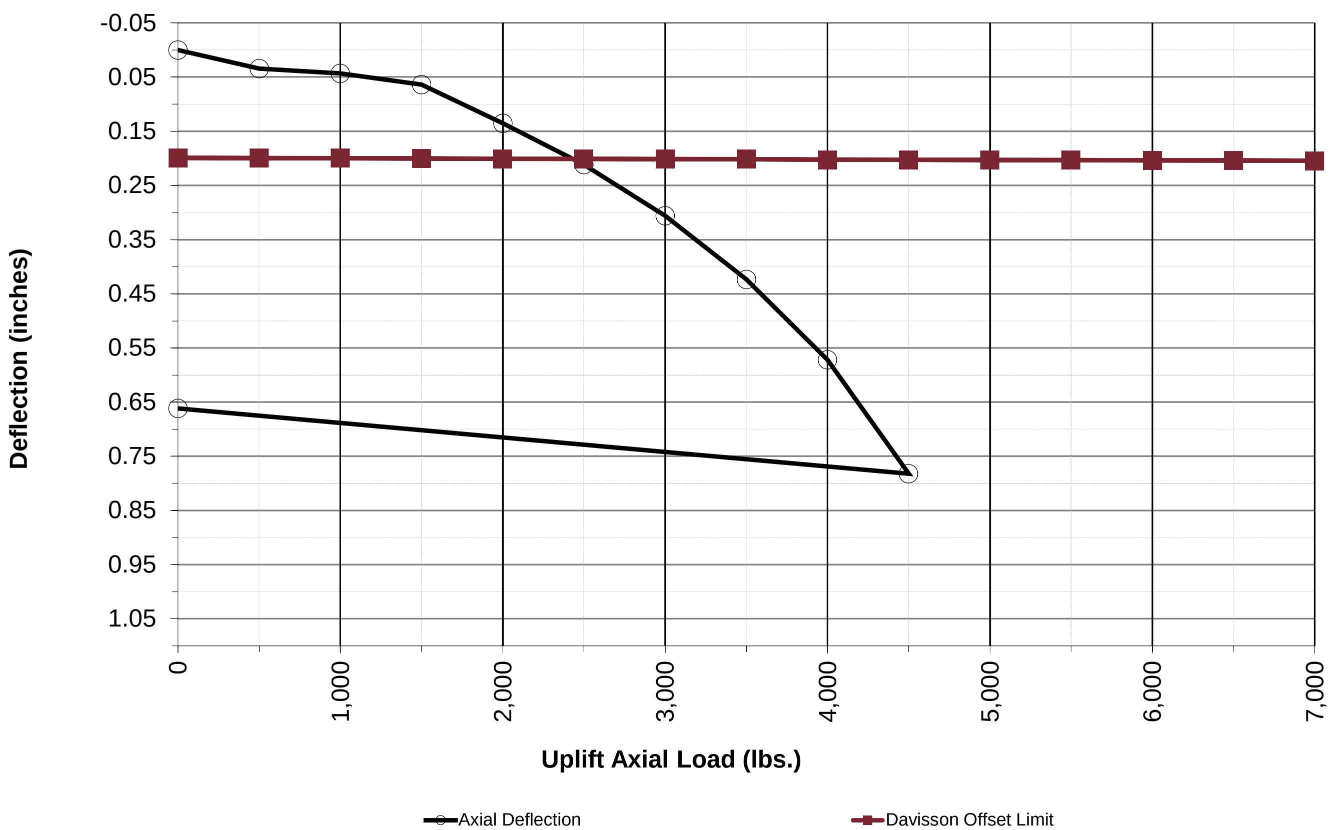
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/4/2023

Pile Information

Pile ID:	PLT-4A
Group Latitude [deg.]:	36.5126
Group Longitude[deg.]:	-120.2239
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	7

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.035	0.000	0.200	
14%	1000	0.044	0.001	0.200	
21%	1500	0.064	0.001	0.200	
29%	2000	0.135	0.002	0.201	
36%	2500	0.212	0.002	0.201	
43%	3000	0.306	0.002	0.201	
50%	3500	0.424	0.003	0.202	
57%	4000	0.572	0.003	0.202	
64%	4500	0.782	0.003	0.203	
71%	5000		0.004	0.203	
79%	5500		0.004	0.203	
86%	6000		0.005	0.204	
93%	6500		0.005	0.204	
100%	7000		0.005	0.205	
0%	0	0.662	0.000	0.199	



Tension Load Test Result for PLT-4B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

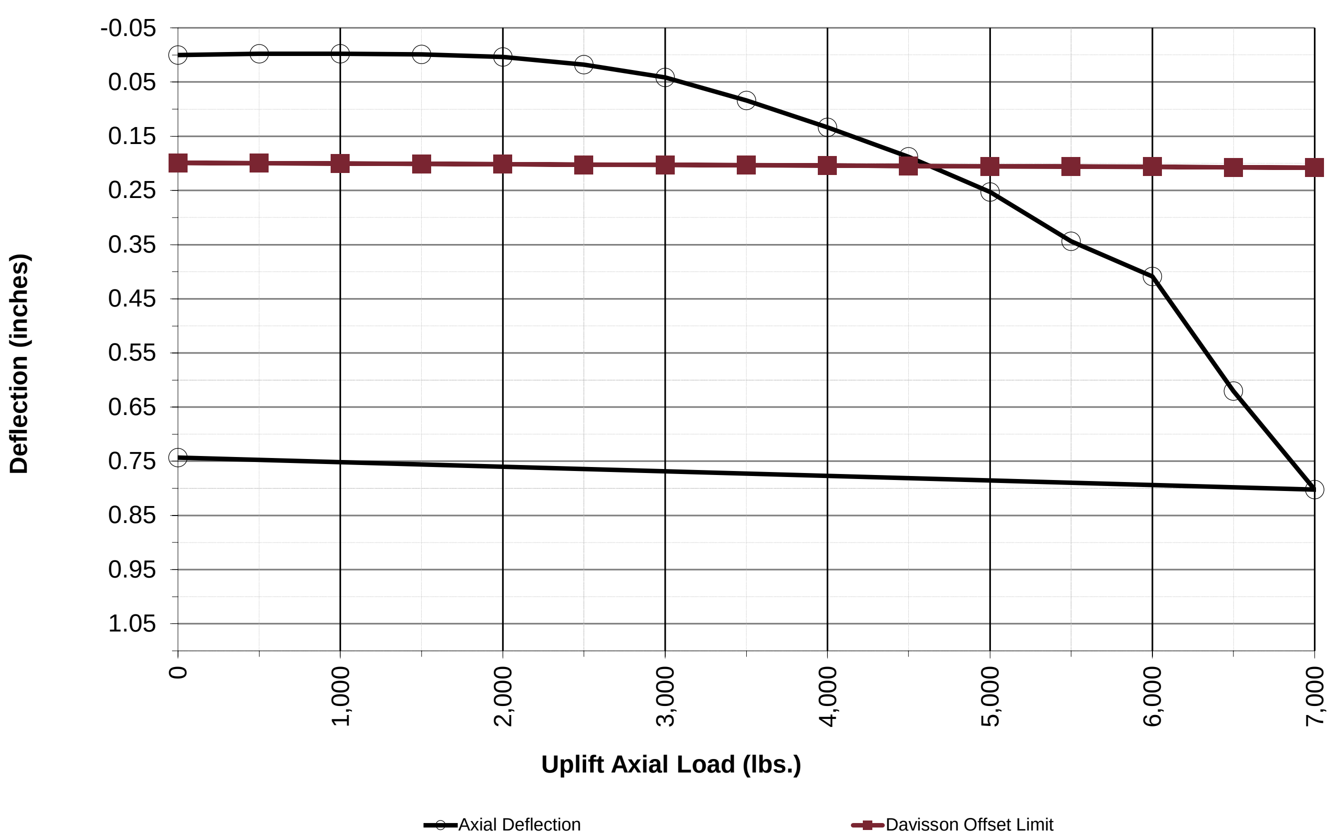
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/4/2023

Pile Information

Pile ID:	PLT-4B
Group Latitude [deg.]:	36.5126
Group Longitude[deg.]:	-120.2239
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	15

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	-0.003	0.001	0.200	
14%	1000	-0.002	0.001	0.200	
21%	1500	-0.001	0.002	0.201	
29%	2000	0.003	0.002	0.202	
36%	2500	0.018	0.003	0.202	
43%	3000	0.042	0.004	0.203	
50%	3500	0.084	0.004	0.203	
57%	4000	0.134	0.005	0.204	
64%	4500	0.188	0.006	0.205	
71%	5000	0.253	0.006	0.205	
79%	5500	0.344	0.007	0.206	
86%	6000	0.409	0.007	0.207	
93%	6500	0.620	0.008	0.207	
100%	7000	0.802	0.009	0.208	
0%	0	0.743	0.000	0.199	



Tension Load Test Result for PLT-5A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

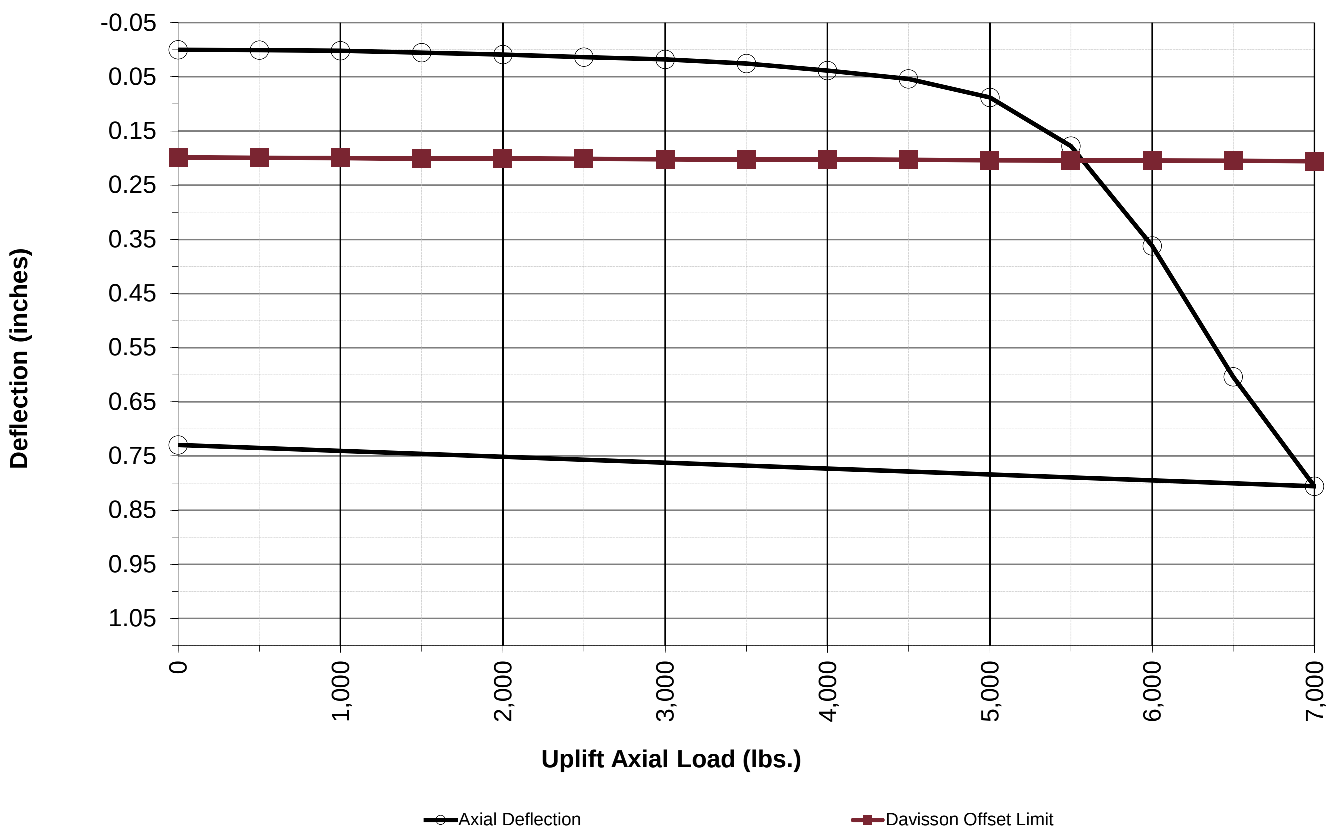
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/5/2023

Pile Information

Pile ID:	PLT-5A
Group Latitude [deg.]:	36.5130
Group Longitude[deg.]:	-120.2133
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	14

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.001	0.000	0.200	
14%	1000	0.002	0.001	0.200	
21%	1500	0.006	0.001	0.201	
29%	2000	0.009	0.002	0.201	
36%	2500	0.014	0.002	0.201	
43%	3000	0.018	0.003	0.202	
50%	3500	0.025	0.003	0.202	
57%	4000	0.038	0.004	0.203	
64%	4500	0.054	0.004	0.203	
71%	5000	0.088	0.005	0.204	
79%	5500	0.178	0.005	0.204	
86%	6000	0.362	0.006	0.205	
93%	6500	0.604	0.006	0.205	
100%	7000	0.806	0.006	0.206	
0%	0	0.730	0.000	0.199	



Tension Load Test Result for PLT-5B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

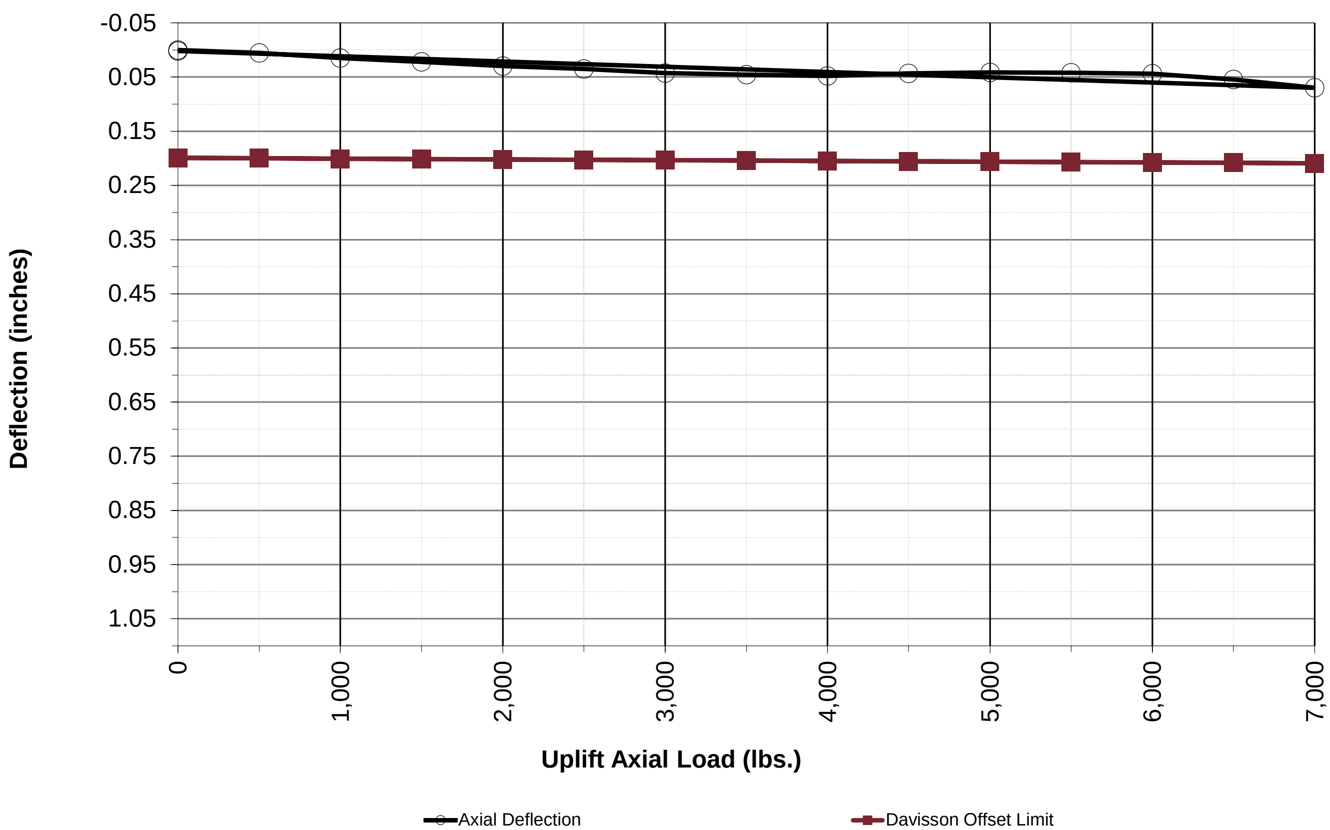
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/5/2023

Pile Information

Pile ID:	PLT-5B
Group Latitude [deg.]:	36.5130
Group Longitude[deg.]:	-120.2133
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	47

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.006	0.001	0.200	
14%	1000	0.015	0.001	0.201	
21%	1500	0.022	0.002	0.201	
29%	2000	0.029	0.003	0.202	
36%	2500	0.035	0.003	0.203	
43%	3000	0.043	0.004	0.203	
50%	3500	0.046	0.005	0.204	
57%	4000	0.048	0.006	0.205	
64%	4500	0.044	0.006	0.205	
71%	5000	0.042	0.007	0.206	
79%	5500	0.042	0.008	0.207	
86%	6000	0.044	0.008	0.208	
93%	6500	0.054	0.009	0.208	
100%	7000	0.070	0.010	0.209	
0%	0	0.002	0.000	0.199	



Tension Load Test Result for PLT-6A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

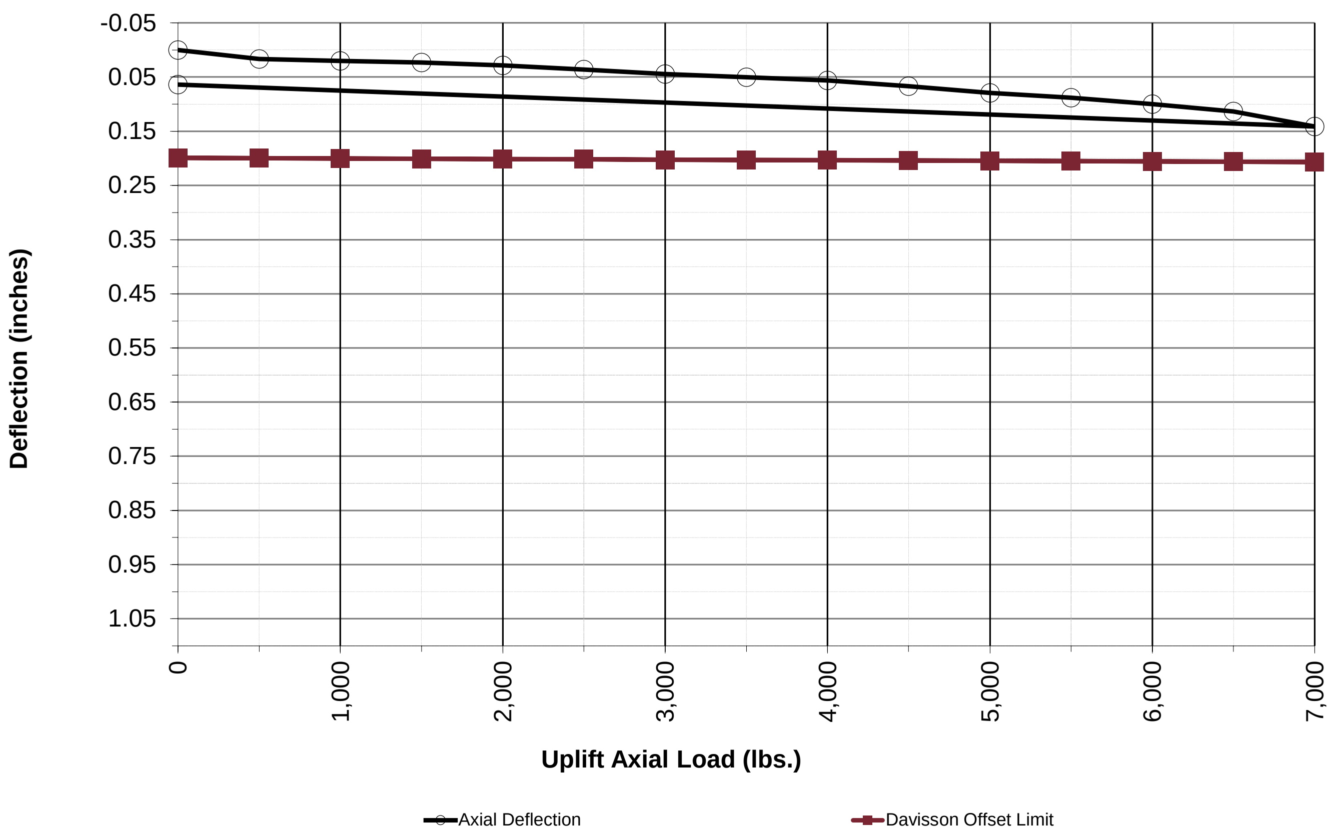
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	4/7/2023

Pile Information

Pile ID:	PLT-6A
Group Latitude [deg.]:	36.5109
Group Longitude[deg.]:	-120.2078
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	22

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.016	0.001	0.200	
14%	1000	0.020	0.001	0.200	
21%	1500	0.023	0.002	0.201	
29%	2000	0.029	0.002	0.201	
36%	2500	0.036	0.003	0.202	
43%	3000	0.045	0.003	0.202	
50%	3500	0.050	0.004	0.203	
57%	4000	0.057	0.004	0.203	
64%	4500	0.067	0.005	0.204	
71%	5000	0.079	0.005	0.205	
79%	5500	0.088	0.006	0.205	
86%	6000	0.100	0.006	0.206	
93%	6500	0.114	0.007	0.206	
100%	7000	0.142	0.008	0.207	
0%	0	0.064	0.000	0.199	



Tension Load Test Result for PLT-6B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

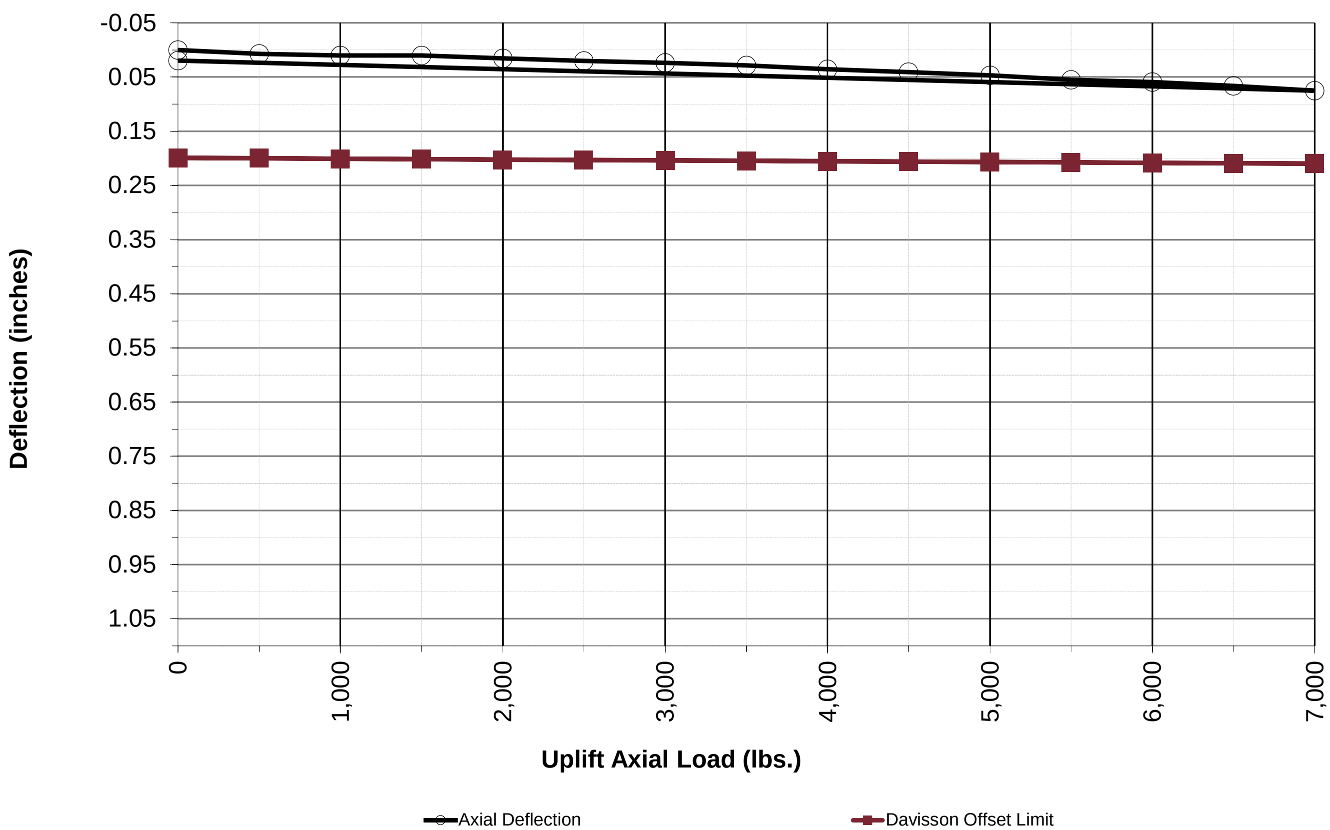
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	4/7/2023

Pile Information

Pile ID:	PLT-6B
Group Latitude [deg.]:	36.5109
Group Longitude[deg.]:	-120.2078
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	40

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.007	0.001	0.200	
14%	1000	0.010	0.002	0.201	
21%	1500	0.010	0.002	0.201	
29%	2000	0.016	0.003	0.202	
36%	2500	0.020	0.004	0.203	
43%	3000	0.024	0.005	0.204	
50%	3500	0.029	0.005	0.205	
57%	4000	0.036	0.006	0.205	
64%	4500	0.041	0.007	0.206	
71%	5000	0.047	0.008	0.207	
79%	5500	0.055	0.008	0.208	
86%	6000	0.059	0.009	0.208	
93%	6500	0.067	0.010	0.209	
100%	7000	0.075	0.011	0.210	
0%	0	0.020	0.000	0.199	



Tension Load Test Result for PLT-7A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

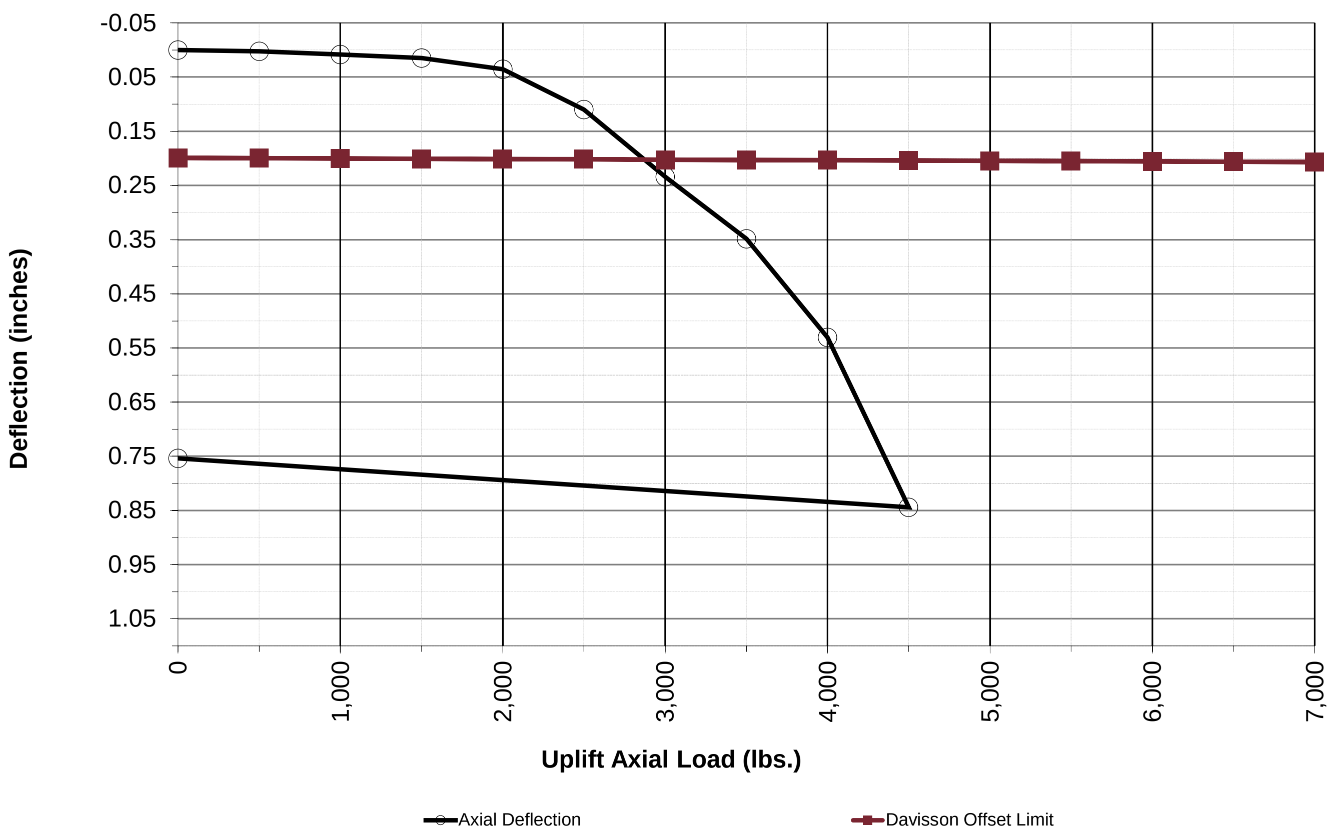
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/8/2023

Pile Information

Pile ID:	PLT-7A
Group Latitude [deg.]:	36.5157
Group Longitude[deg.]:	-120.1983
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	11

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.003	0.001	0.200	
14%	1000	0.008	0.001	0.200	
21%	1500	0.015	0.002	0.201	
29%	2000	0.036	0.002	0.201	
36%	2500	0.110	0.003	0.202	
43%	3000	0.234	0.003	0.202	
50%	3500	0.348	0.004	0.203	
57%	4000	0.531	0.004	0.203	
64%	4500	0.844	0.005	0.204	
71%	5000		0.005	0.205	
79%	5500		0.006	0.205	
86%	6000		0.006	0.206	
93%	6500		0.007	0.206	
100%	7000		0.008	0.207	
0%	0	0.754	0.000	0.199	



Tension Load Test Result for PLT-7B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

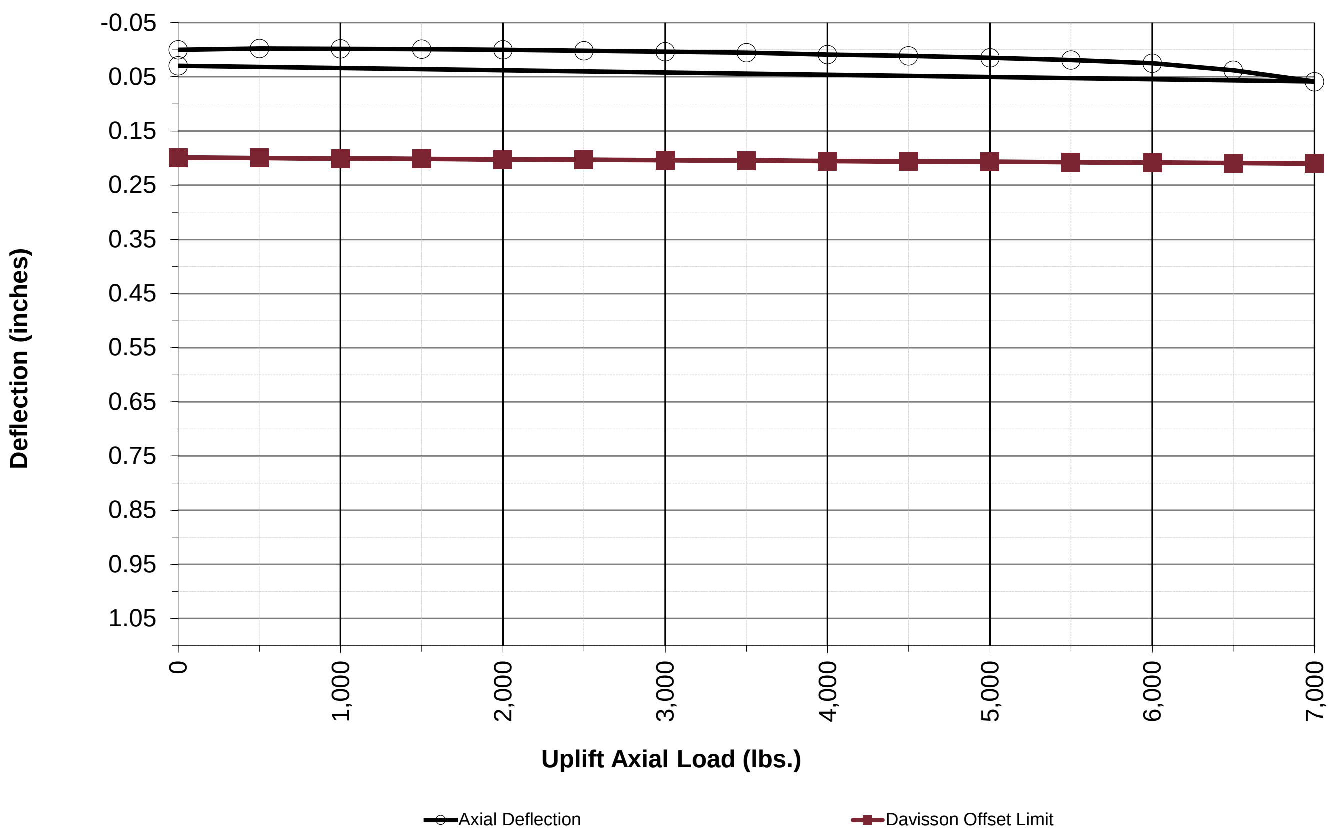
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/8/2023

Pile Information

Pile ID:	PLT-7B
Group Latitude [deg.]:	36.5157
Group Longitude[deg.]:	-120.1983
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	26

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	-0.002	0.001	0.200	
14%	1000	-0.002	0.002	0.201	
21%	1500	-0.001	0.002	0.201	
29%	2000	0.000	0.003	0.202	
36%	2500	0.002	0.004	0.203	
43%	3000	0.004	0.005	0.204	
50%	3500	0.005	0.005	0.205	
57%	4000	0.009	0.006	0.205	
64%	4500	0.012	0.007	0.206	
71%	5000	0.015	0.008	0.207	
79%	5500	0.019	0.008	0.208	
86%	6000	0.025	0.009	0.208	
93%	6500	0.038	0.010	0.209	
100%	7000	0.059	0.011	0.210	
0%	0	0.030	0.000	0.199	



Tension Load Test Result for PLT-8A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

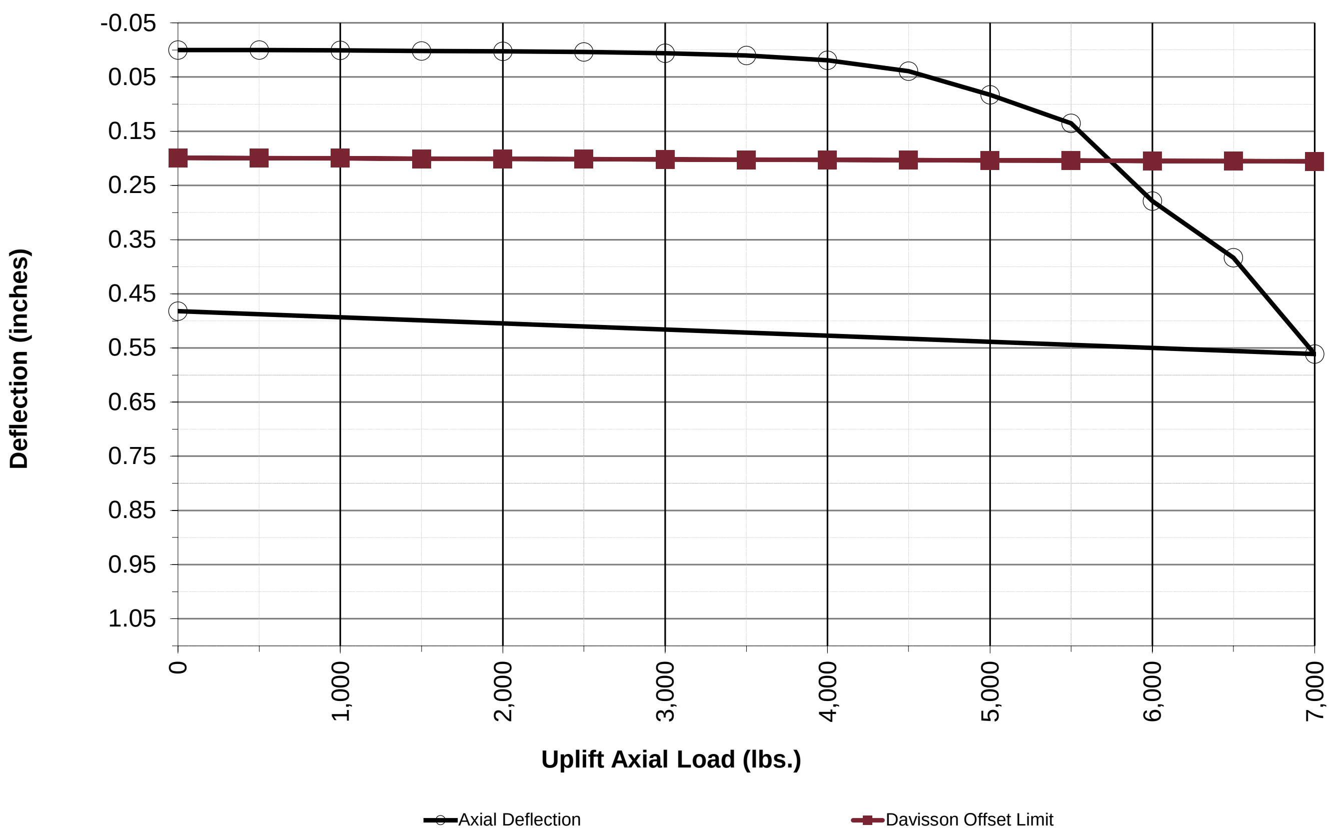
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/9/2023

Pile Information

Pile ID:	PLT-8A
Group Latitude [deg.]:	36.5101
Group Longitude[deg.]:	-120.1980
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	43

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.000	0.000	0.200	
14%	1000	0.001	0.001	0.200	
21%	1500	0.002	0.001	0.201	
29%	2000	0.002	0.002	0.201	
36%	2500	0.004	0.002	0.201	
43%	3000	0.006	0.003	0.202	
50%	3500	0.010	0.003	0.202	
57%	4000	0.019	0.004	0.203	
64%	4500	0.040	0.004	0.203	
71%	5000	0.083	0.005	0.204	
79%	5500	0.135	0.005	0.204	
86%	6000	0.279	0.006	0.205	
93%	6500	0.384	0.006	0.205	
100%	7000	0.562	0.006	0.206	
0%	0	0.482	0.000	0.199	



Tension Load Test Result for PLT-8B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

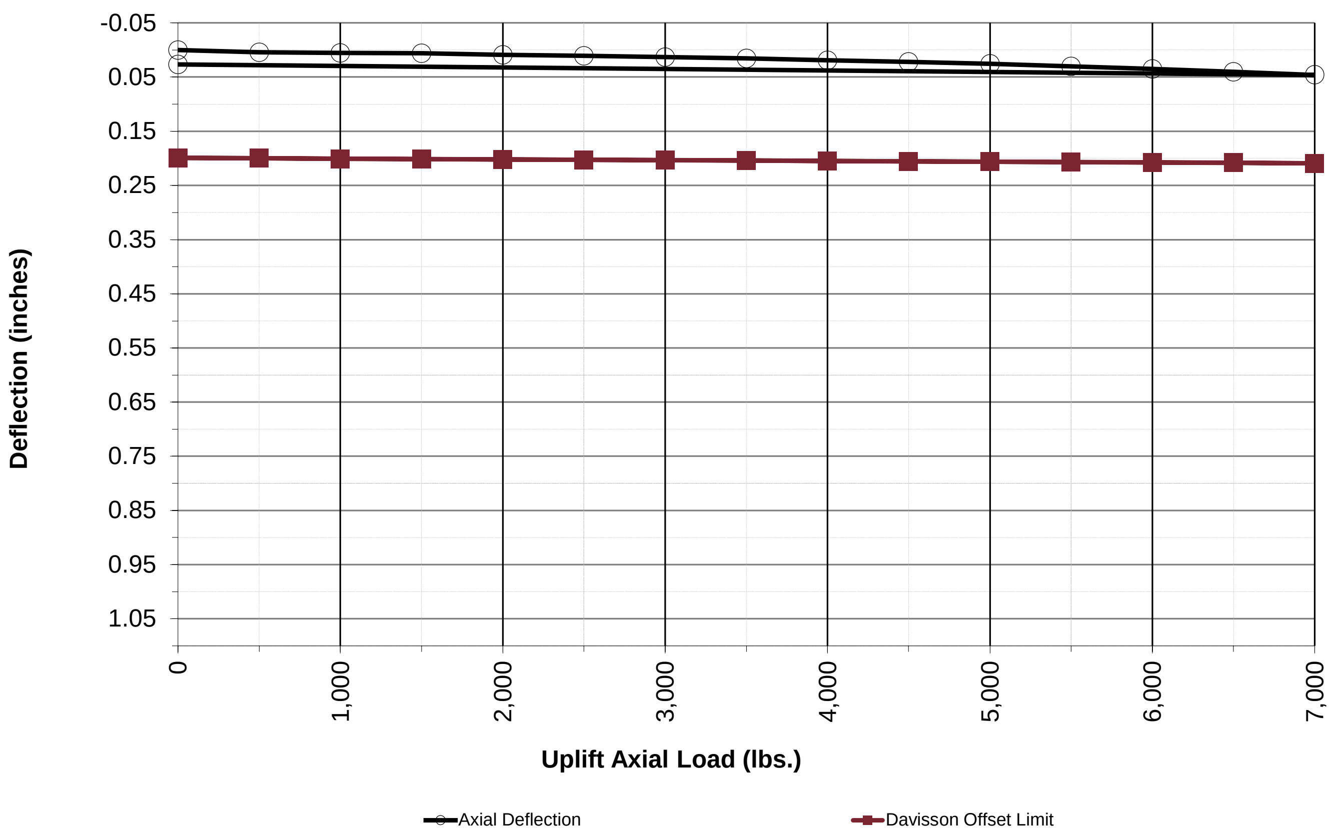
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/9/2023

Pile Information

Pile ID:	PLT-8B
Group Latitude [deg.]:	36.5101
Group Longitude[deg.]:	-120.1980
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	34

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.004	0.001	0.200	
14%	1000	0.005	0.001	0.201	
21%	1500	0.006	0.002	0.201	
29%	2000	0.009	0.003	0.202	
36%	2500	0.011	0.003	0.203	
43%	3000	0.013	0.004	0.203	
50%	3500	0.016	0.005	0.204	
57%	4000	0.019	0.006	0.205	
64%	4500	0.022	0.006	0.205	
71%	5000	0.026	0.007	0.206	
79%	5500	0.031	0.008	0.207	
86%	6000	0.035	0.008	0.208	
93%	6500	0.041	0.009	0.208	
100%	7000	0.046	0.010	0.209	
0%	0	0.027	0.000	0.199	



Tension Load Test Result for PLT-9A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

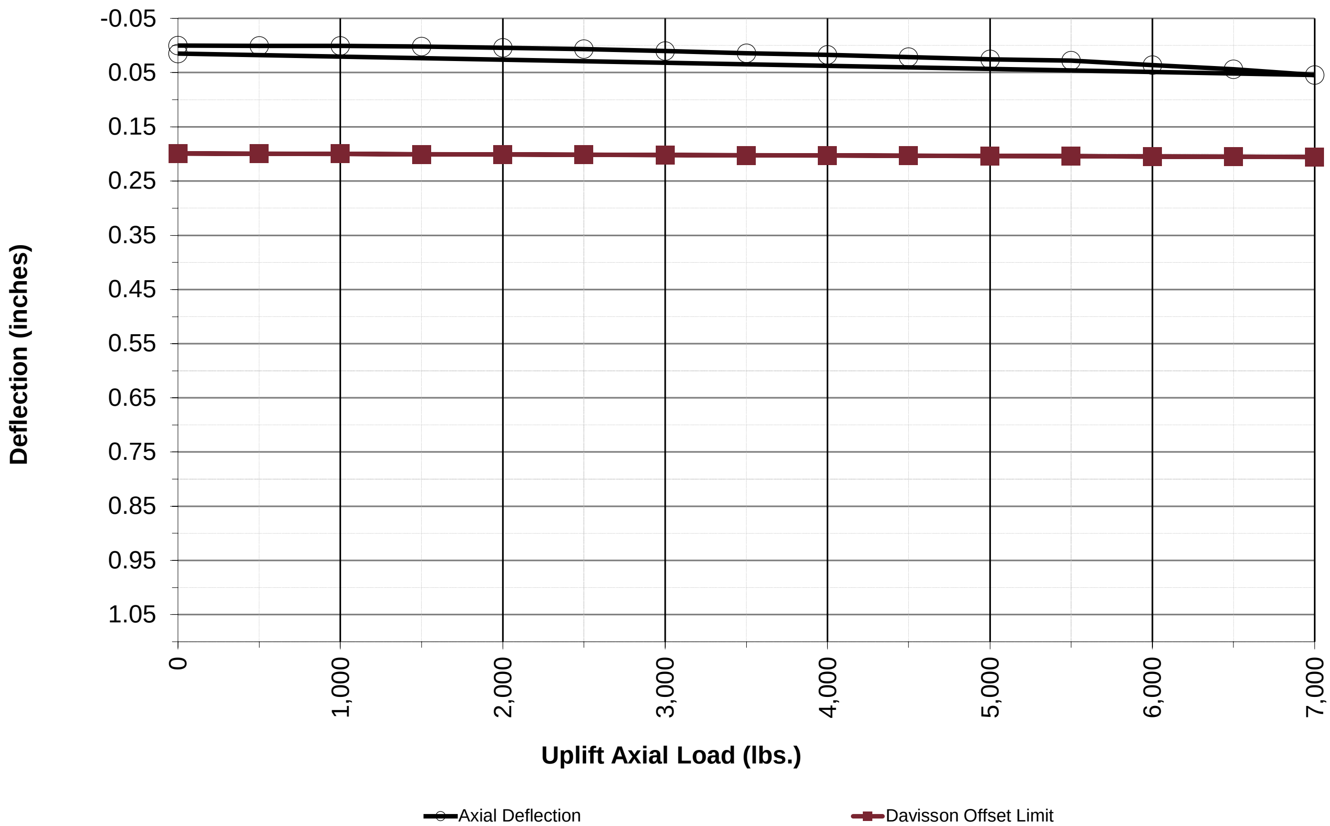
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/9/2023

Pile Information

Pile ID:	PLT-9A
Group Latitude [deg.]:	36.5102
Group Longitude[deg.]:	-120.1899
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	43

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.001	0.000	0.200	
14%	1000	0.001	0.001	0.200	
21%	1500	0.002	0.001	0.201	
29%	2000	0.004	0.002	0.201	
36%	2500	0.007	0.002	0.201	
43%	3000	0.010	0.003	0.202	
50%	3500	0.014	0.003	0.202	
57%	4000	0.017	0.004	0.203	
64%	4500	0.022	0.004	0.203	
71%	5000	0.026	0.005	0.204	
79%	5500	0.028	0.005	0.204	
86%	6000	0.036	0.006	0.205	
93%	6500	0.044	0.006	0.205	
100%	7000	0.055	0.006	0.206	
0%	0	0.015	0.000	0.199	



Tension Load Test Result for PLT-9B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

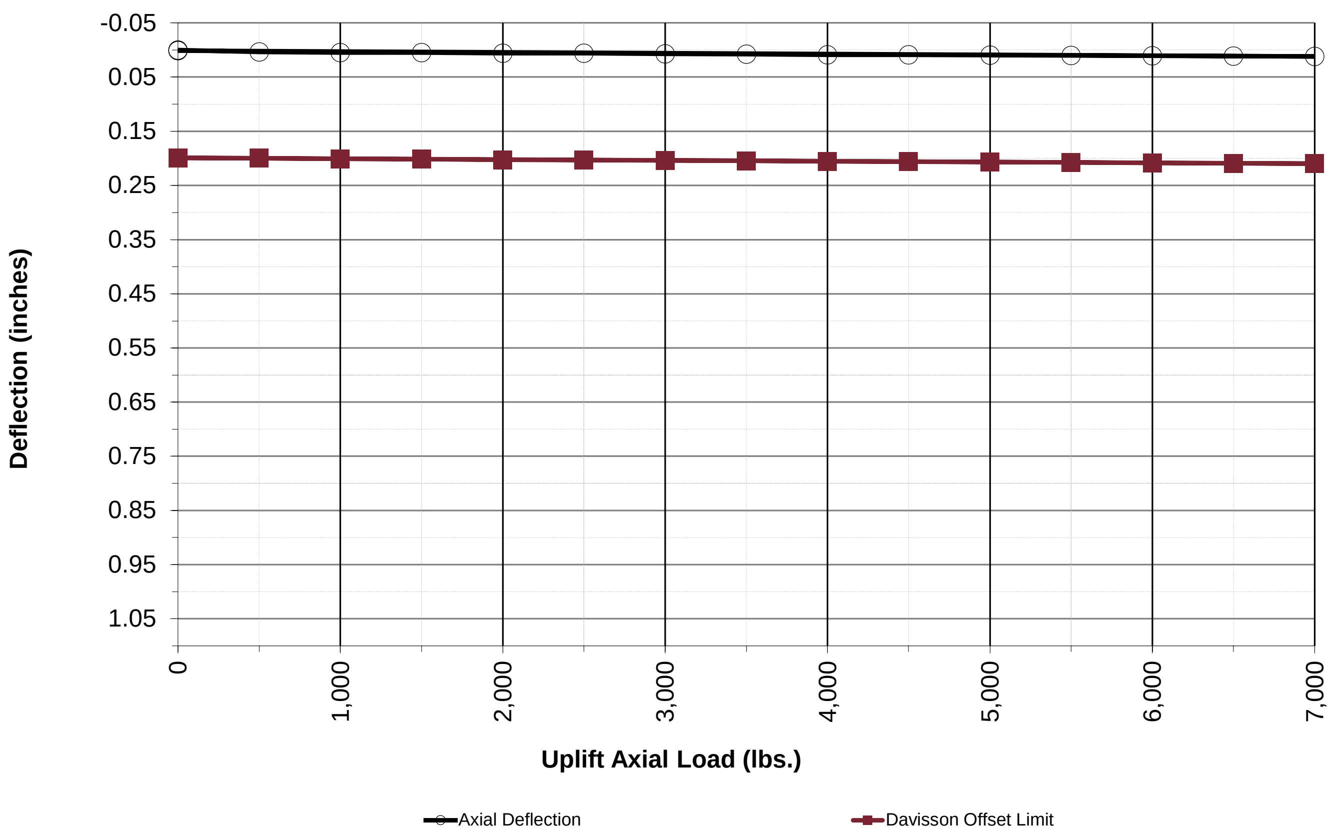
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/9/2023

Pile Information

Pile ID:	PLT-9B
Group Latitude [deg.]:	36.5102
Group Longitude[deg.]:	-120.1899
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	79

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.003	0.001	0.200	
14%	1000	0.005	0.002	0.201	
21%	1500	0.005	0.002	0.201	
29%	2000	0.006	0.003	0.202	
36%	2500	0.006	0.004	0.203	
43%	3000	0.007	0.005	0.204	
50%	3500	0.008	0.005	0.205	
57%	4000	0.009	0.006	0.205	
64%	4500	0.009	0.007	0.206	
71%	5000	0.010	0.008	0.207	
79%	5500	0.010	0.008	0.208	
86%	6000	0.011	0.009	0.208	
93%	6500	0.012	0.010	0.209	
100%	7000	0.012	0.011	0.210	
0%	0	0.001	0.000	0.199	



Tension Load Test Result for PLT-10A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

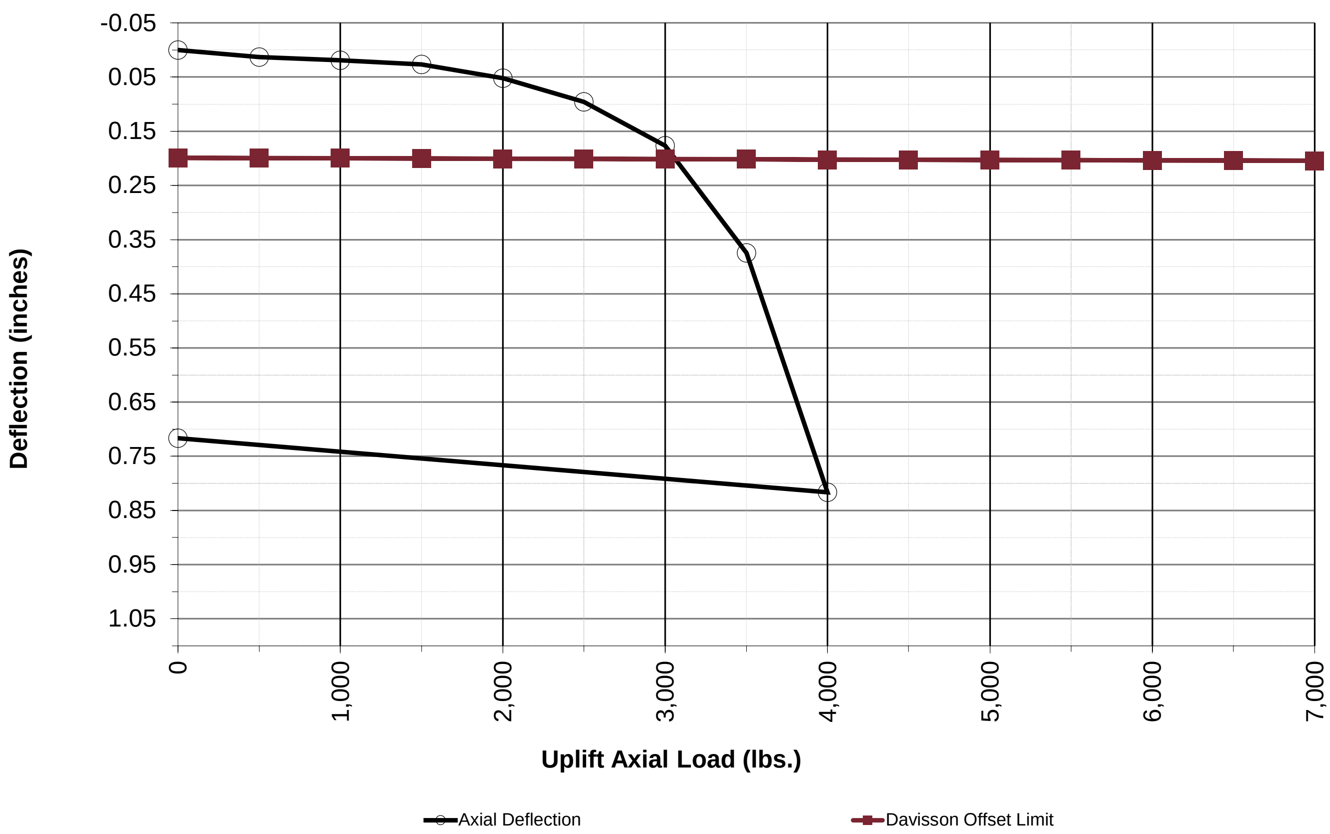
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/12/2023

Pile Information

Pile ID:	PLT-10A
Group Latitude [deg.]:	36.5025
Group Longitude[deg.]:	-120.2211
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	12

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.013	0.000	0.200	
14%	1000	0.019	0.001	0.200	
21%	1500	0.027	0.001	0.200	
29%	2000	0.053	0.002	0.201	
36%	2500	0.096	0.002	0.201	
43%	3000	0.177	0.002	0.201	
50%	3500	0.375	0.003	0.202	
57%	4000	0.816	0.003	0.202	
64%	4500		0.003	0.203	
71%	5000		0.004	0.203	
79%	5500		0.004	0.203	
86%	6000		0.005	0.204	
93%	6500		0.005	0.204	
100%	7000		0.005	0.205	
0%	0	0.717	0.000	0.199	



Tension Load Test Result for PLT-10B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

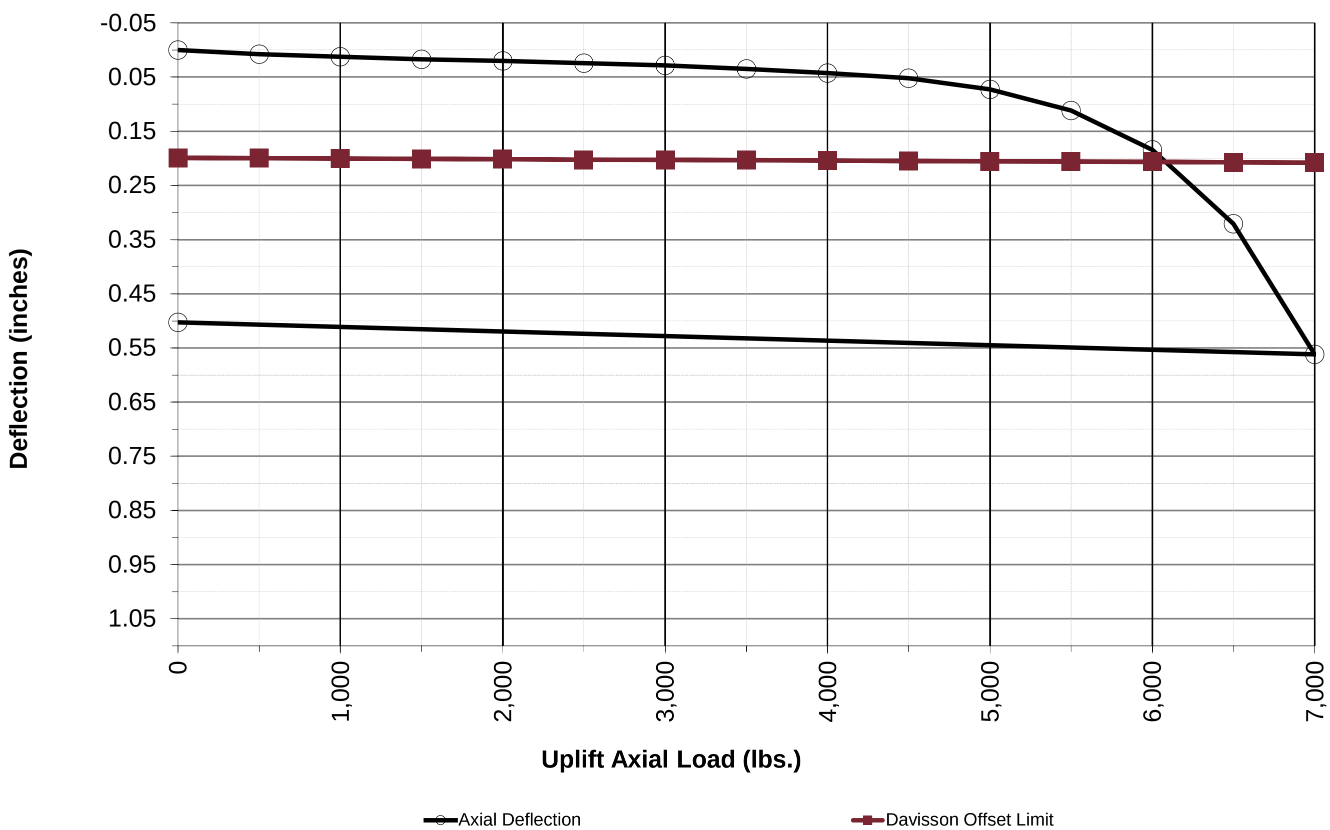
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/12/2023

Pile Information

Pile ID:	PLT-10B
Group Latitude [deg.]:	36.5025
Group Longitude[deg.]:	-120.2211
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	29

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.008	0.001	0.200	
14%	1000	0.013	0.001	0.200	
21%	1500	0.017	0.002	0.201	
29%	2000	0.020	0.002	0.202	
36%	2500	0.024	0.003	0.202	
43%	3000	0.029	0.004	0.203	
50%	3500	0.035	0.004	0.203	
57%	4000	0.043	0.005	0.204	
64%	4500	0.053	0.006	0.205	
71%	5000	0.073	0.006	0.205	
79%	5500	0.112	0.007	0.206	
86%	6000	0.184	0.007	0.207	
93%	6500	0.321	0.008	0.207	
100%	7000	0.562	0.009	0.208	
0%	0	0.503	0.000	0.199	



Tension Load Test Result for PLT-11A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

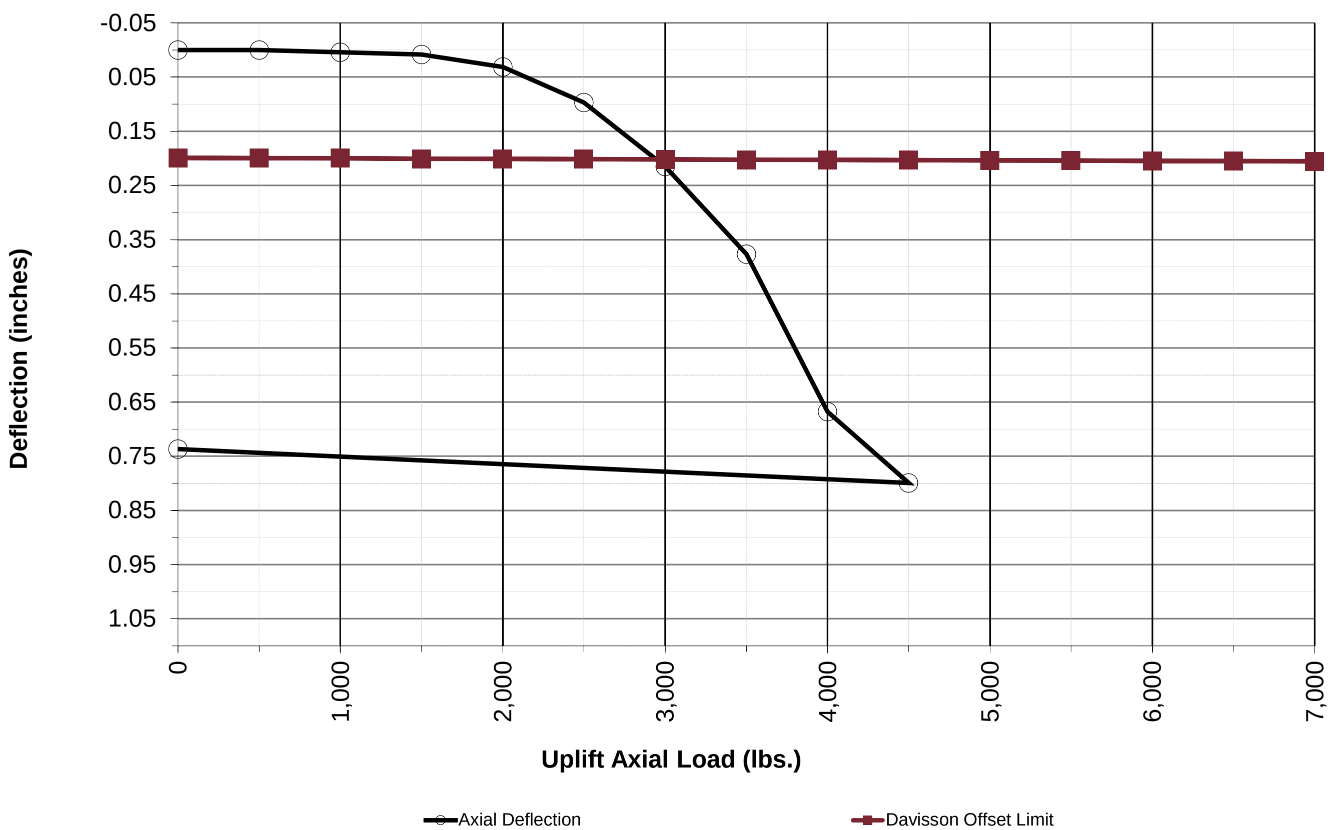
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/12/2023

Pile Information

Pile ID:	PLT-11A
Group Latitude [deg.]:	36.5079
Group Longitude[deg.]:	-120.2162
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	8

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.000	0.000	0.200	
14%	1000	0.004	0.001	0.200	
21%	1500	0.008	0.001	0.201	
29%	2000	0.032	0.002	0.201	
36%	2500	0.097	0.002	0.201	
43%	3000	0.215	0.003	0.202	
50%	3500	0.377	0.003	0.202	
57%	4000	0.668	0.004	0.203	
64%	4500	0.800	0.004	0.203	
71%	5000		0.005	0.204	
79%	5500		0.005	0.204	
86%	6000		0.006	0.205	
93%	6500		0.006	0.205	
100%	7000		0.006	0.206	
0%	0	0.737	0.000	0.199	



Tension Load Test Result for PLT-11B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

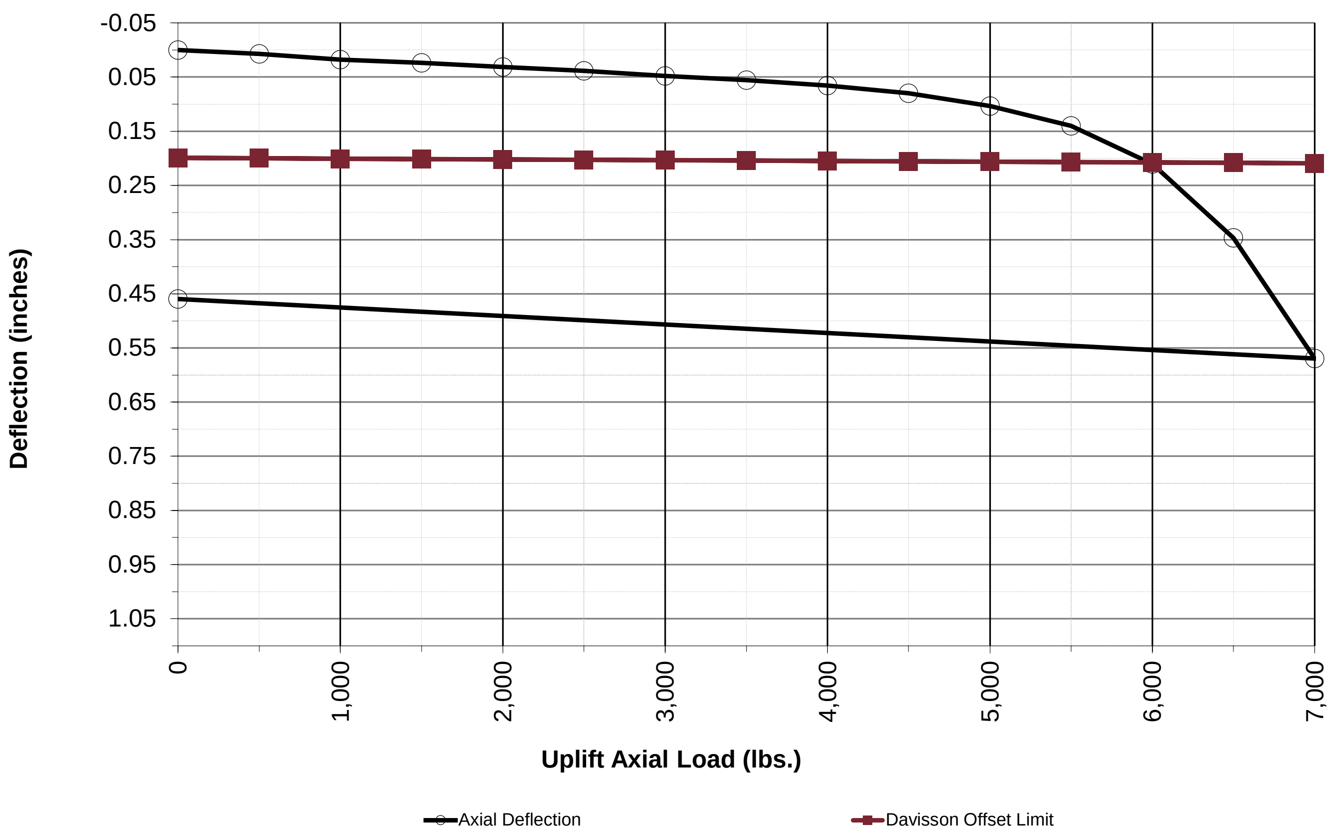
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/12/2023

Pile Information

Pile ID:	PLT-11B
Group Latitude [deg.]:	36.5079
Group Longitude[deg.]:	-120.2162
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	18

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.007	0.001	0.200	
14%	1000	0.018	0.001	0.201	
21%	1500	0.024	0.002	0.201	
29%	2000	0.031	0.003	0.202	
36%	2500	0.039	0.003	0.203	
43%	3000	0.048	0.004	0.203	
50%	3500	0.056	0.005	0.204	
57%	4000	0.066	0.006	0.205	
64%	4500	0.080	0.006	0.205	
71%	5000	0.103	0.007	0.206	
79%	5500	0.140	0.008	0.207	
86%	6000	0.211	0.008	0.208	
93%	6500	0.347	0.009	0.208	
100%	7000	0.570	0.010	0.209	
0%	0	0.460	0.000	0.199	



Tension Load Test Result for PLT-12A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

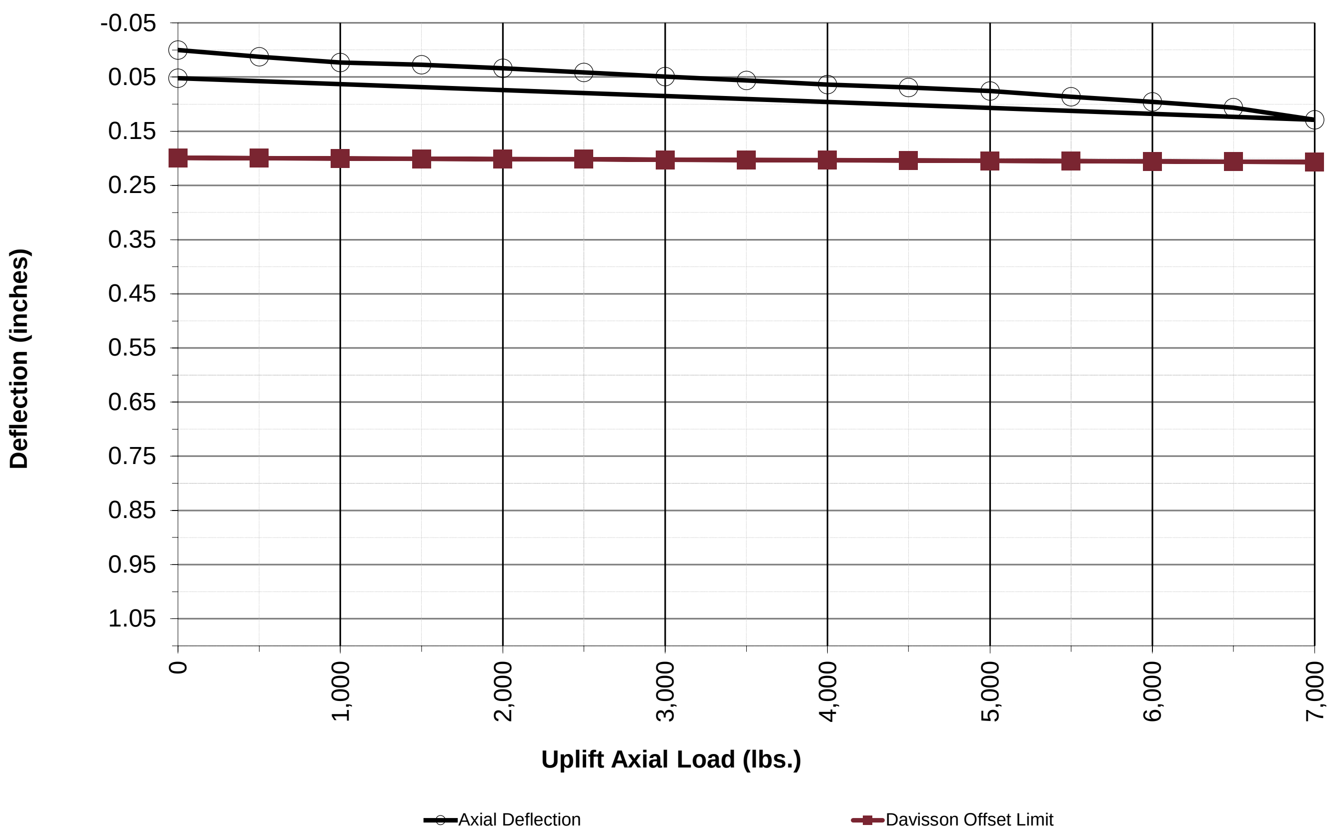
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/12/2023

Pile Information

Pile ID:	PLT-12A
Group Latitude [deg.]:	36.5025
Group Longitude[deg.]:	-120.2097
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	38

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.013	0.001	0.200	
14%	1000	0.023	0.001	0.200	
21%	1500	0.027	0.002	0.201	
29%	2000	0.034	0.002	0.201	
36%	2500	0.042	0.003	0.202	
43%	3000	0.049	0.003	0.202	
50%	3500	0.056	0.004	0.203	
57%	4000	0.064	0.004	0.203	
64%	4500	0.070	0.005	0.204	
71%	5000	0.076	0.005	0.205	
79%	5500	0.087	0.006	0.205	
86%	6000	0.096	0.006	0.206	
93%	6500	0.107	0.007	0.206	
100%	7000	0.129	0.008	0.207	
0%	0	0.052	0.000	0.199	



Tension Load Test Result for PLT-12B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

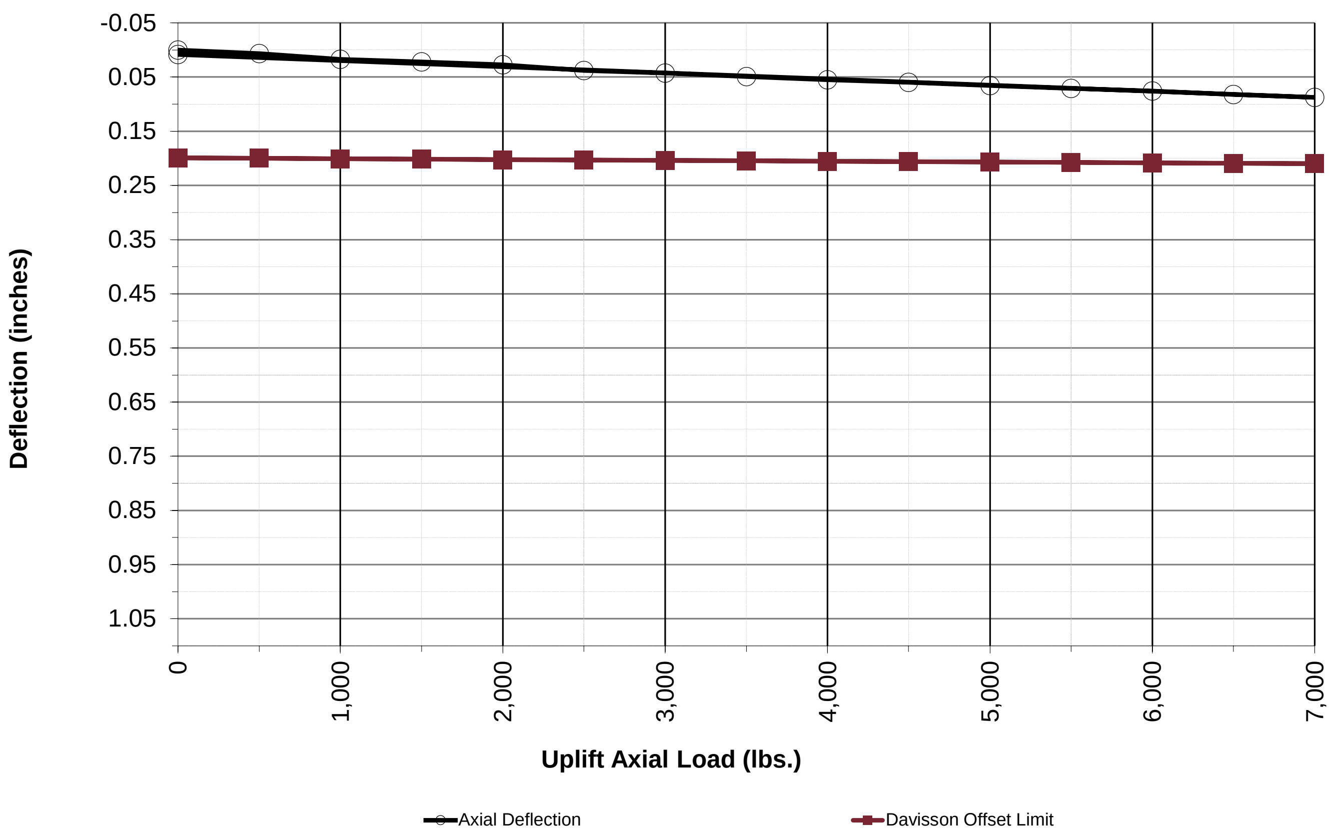
Test Date and Representative

Tested By Terracon Rep:	AT
Date Tested:	4/12/2023

Pile Information

Pile ID:	PLT-12B
Group Latitude [deg.]:	36.5025
Group Longitude[deg.]:	-120.2097
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	74

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.007	0.001	0.200	
14%	1000	0.017	0.002	0.201	
21%	1500	0.022	0.002	0.201	
29%	2000	0.028	0.003	0.202	
36%	2500	0.038	0.004	0.203	
43%	3000	0.043	0.005	0.204	
50%	3500	0.049	0.005	0.205	
57%	4000	0.055	0.006	0.205	
64%	4500	0.060	0.007	0.206	
71%	5000	0.065	0.008	0.207	
79%	5500	0.071	0.008	0.208	
86%	6000	0.076	0.009	0.208	
93%	6500	0.082	0.010	0.209	
100%	7000	0.088	0.011	0.210	
0%	0	0.008	0.000	0.199	



Tension Load Test Result for PLT-13A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

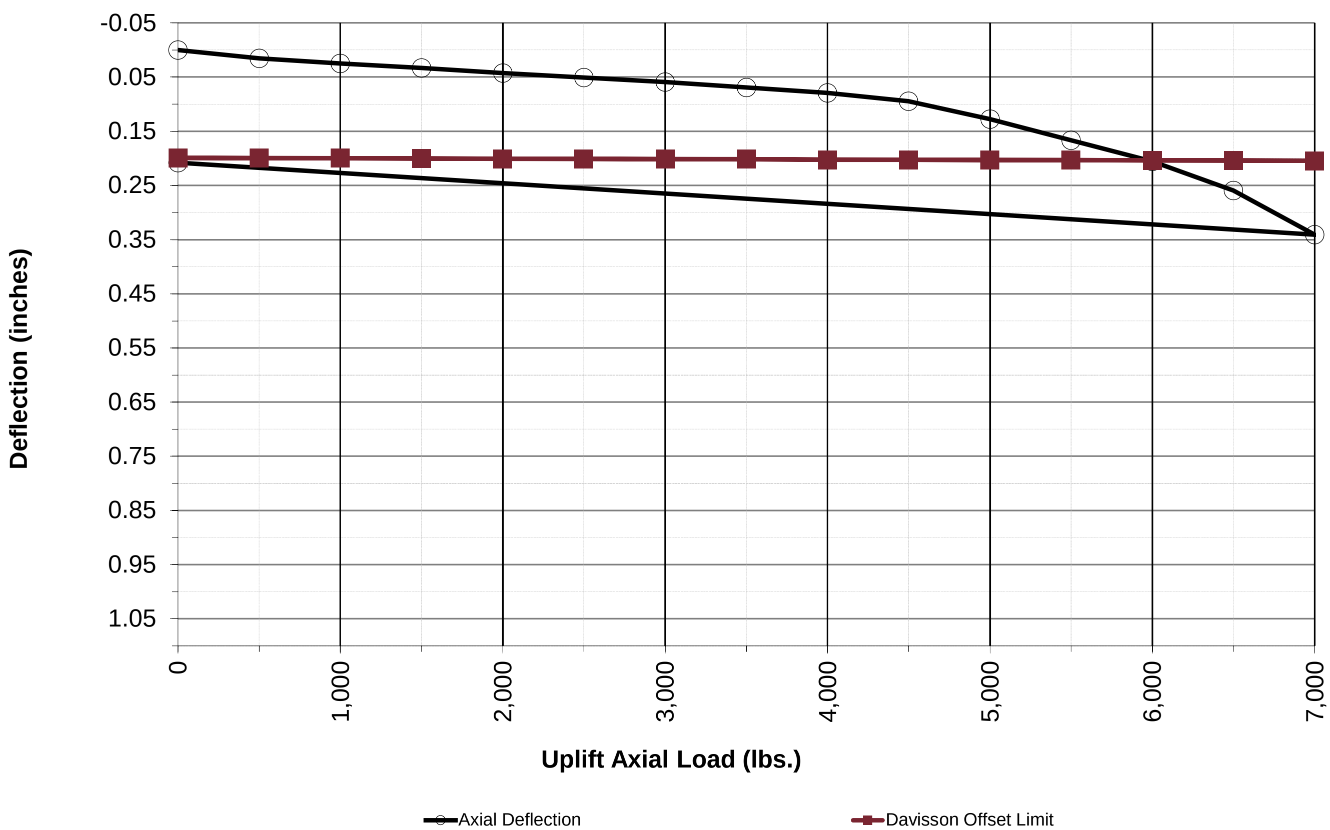
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/9/2023

Pile Information

Pile ID:	PLT-13A
Group Latitude [deg.]:	36.5062
Group Longitude[deg.]:	-120.2043
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	17

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.015	0.000	0.200	
14%	1000	0.025	0.001	0.200	
21%	1500	0.033	0.001	0.200	
29%	2000	0.043	0.002	0.201	
36%	2500	0.051	0.002	0.201	
43%	3000	0.059	0.002	0.201	
50%	3500	0.070	0.003	0.202	
57%	4000	0.080	0.003	0.202	
64%	4500	0.095	0.003	0.203	
71%	5000	0.128	0.004	0.203	
79%	5500	0.167	0.004	0.203	
86%	6000	0.206	0.005	0.204	
93%	6500	0.259	0.005	0.204	
100%	7000	0.341	0.005	0.205	
0%	0	0.208	0.000	0.199	



Tension Load Test Result for PLT-13B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

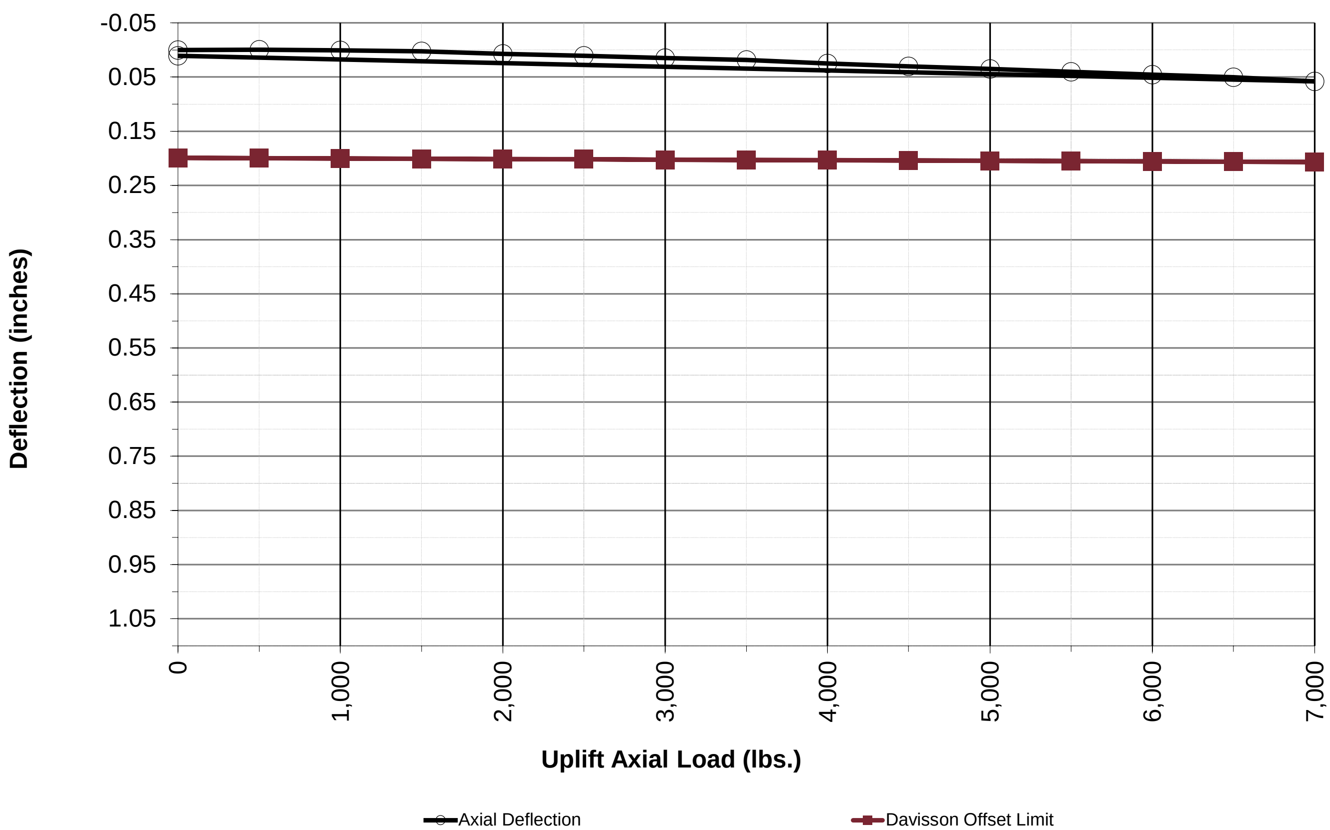
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/9/2023

Pile Information

Pile ID:	PLT-13B
Group Latitude [deg.]:	36.5062
Group Longitude[deg.]:	-120.2043
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	48

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	-0.001	0.001	0.200	
14%	1000	0.001	0.001	0.200	
21%	1500	0.003	0.002	0.201	
29%	2000	0.007	0.002	0.201	
36%	2500	0.011	0.003	0.202	
43%	3000	0.015	0.003	0.202	
50%	3500	0.019	0.004	0.203	
57%	4000	0.025	0.004	0.203	
64%	4500	0.030	0.005	0.204	
71%	5000	0.035	0.005	0.205	
79%	5500	0.040	0.006	0.205	
86%	6000	0.046	0.006	0.206	
93%	6500	0.050	0.007	0.206	
100%	7000	0.058	0.008	0.207	
0%	0	0.011	0.000	0.199	



Tension Load Test Result for PLT-14A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

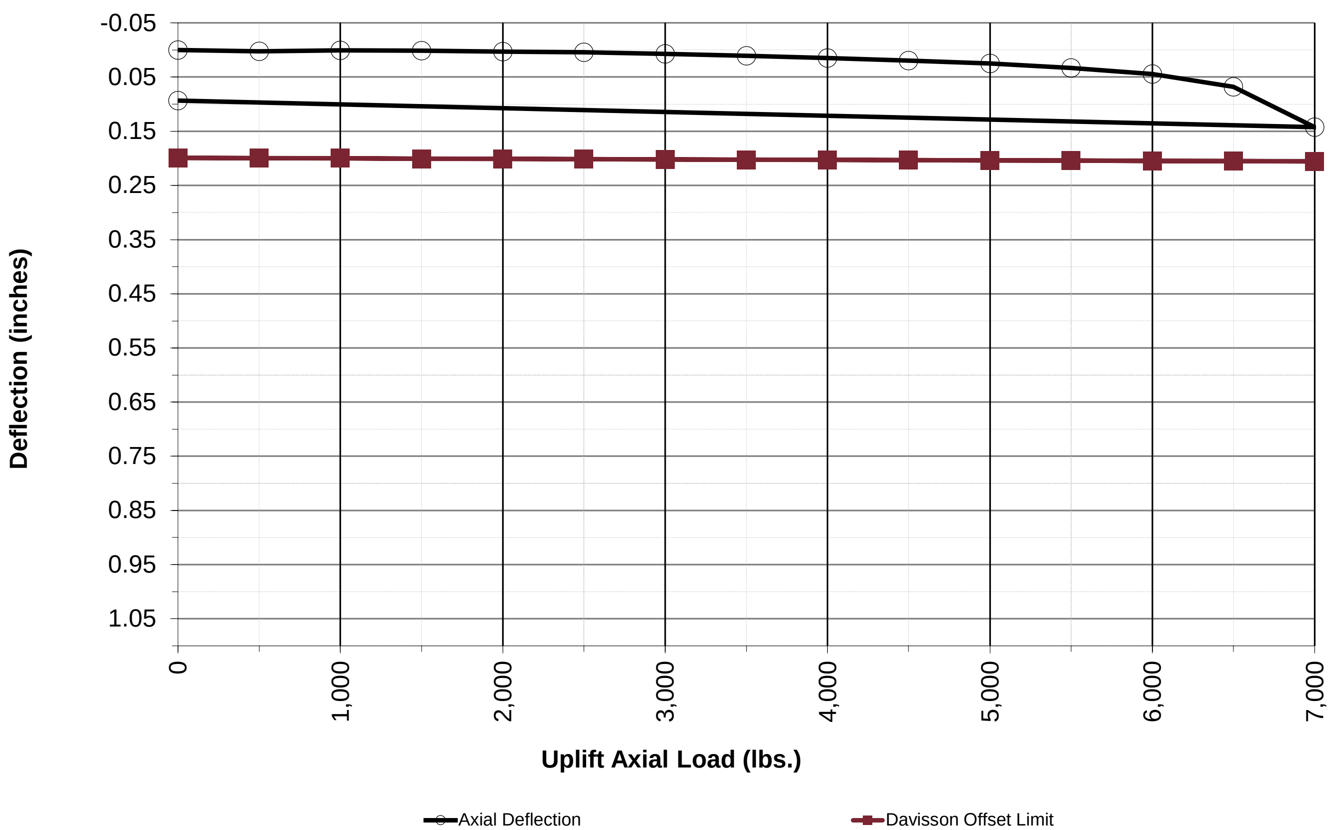
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/9/2023

Pile Information

Pile ID:	PLT-14A
Group Latitude [deg.]:	36.5031
Group Longitude[deg.]:	-120.1963
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	30

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.003	0.000	0.200	
14%	1000	0.001	0.001	0.200	
21%	1500	0.001	0.001	0.201	
29%	2000	0.003	0.002	0.201	
36%	2500	0.005	0.002	0.201	
43%	3000	0.007	0.003	0.202	
50%	3500	0.011	0.003	0.202	
57%	4000	0.015	0.004	0.203	
64%	4500	0.020	0.004	0.203	
71%	5000	0.025	0.005	0.204	
79%	5500	0.033	0.005	0.204	
86%	6000	0.045	0.006	0.205	
93%	6500	0.068	0.006	0.205	
100%	7000	0.143	0.006	0.206	
0%	0	0.094	0.000	0.199	



Tension Load Test Result for PLT-14B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

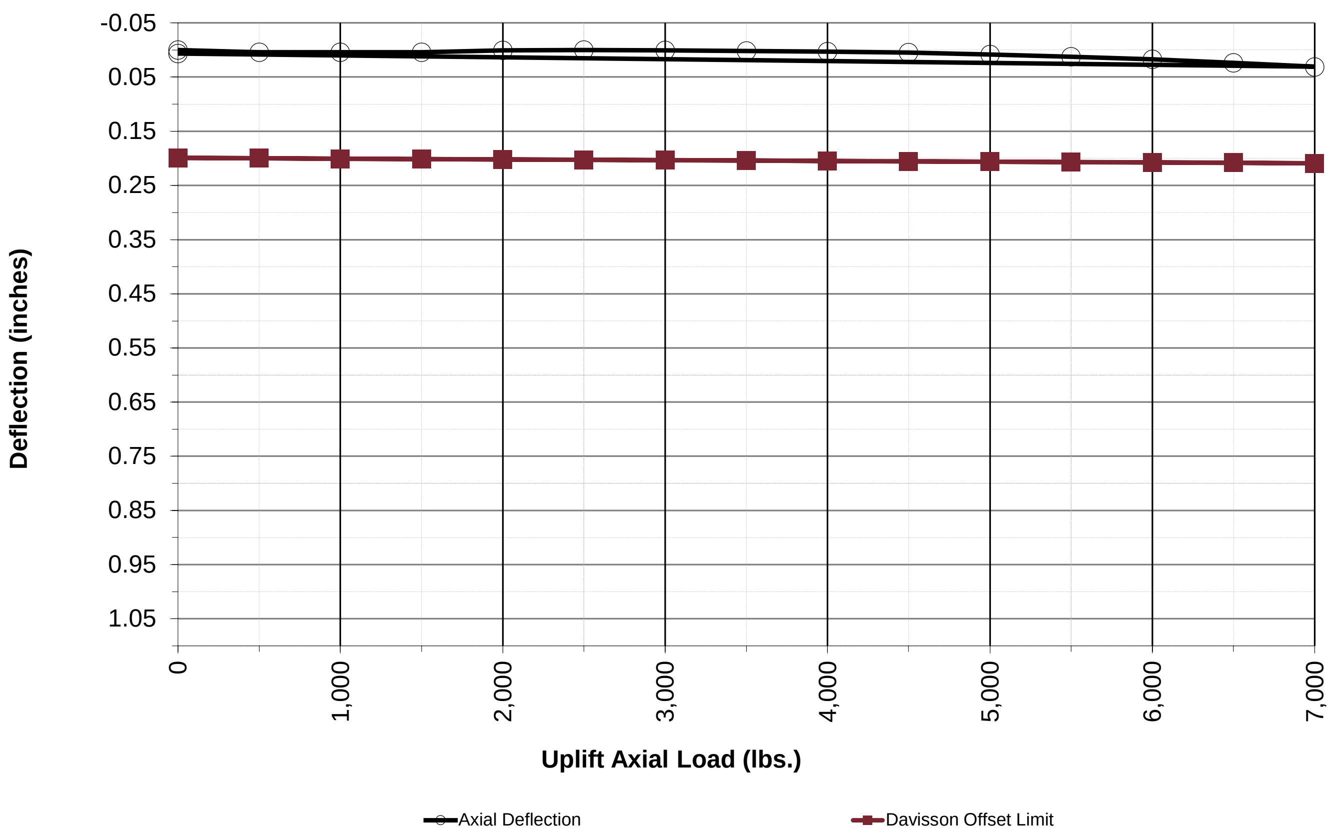
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/9/2023

Pile Information

Pile ID:	PLT-14B
Group Latitude [deg.]:	36.5031
Group Longitude[deg.]:	-120.1963
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	42

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.005	0.001	0.200	
14%	1000	0.005	0.001	0.201	
21%	1500	0.005	0.002	0.201	
29%	2000	0.001	0.003	0.202	
36%	2500	0.000	0.003	0.203	
43%	3000	0.001	0.004	0.203	
50%	3500	0.002	0.005	0.204	
57%	4000	0.003	0.006	0.205	
64%	4500	0.005	0.006	0.205	
71%	5000	0.009	0.007	0.206	
79%	5500	0.013	0.008	0.207	
86%	6000	0.018	0.008	0.208	
93%	6500	0.024	0.009	0.208	
100%	7000	0.031	0.010	0.209	
0%	0	0.007	0.000	0.199	



Tension Load Test Result for PLT-15A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

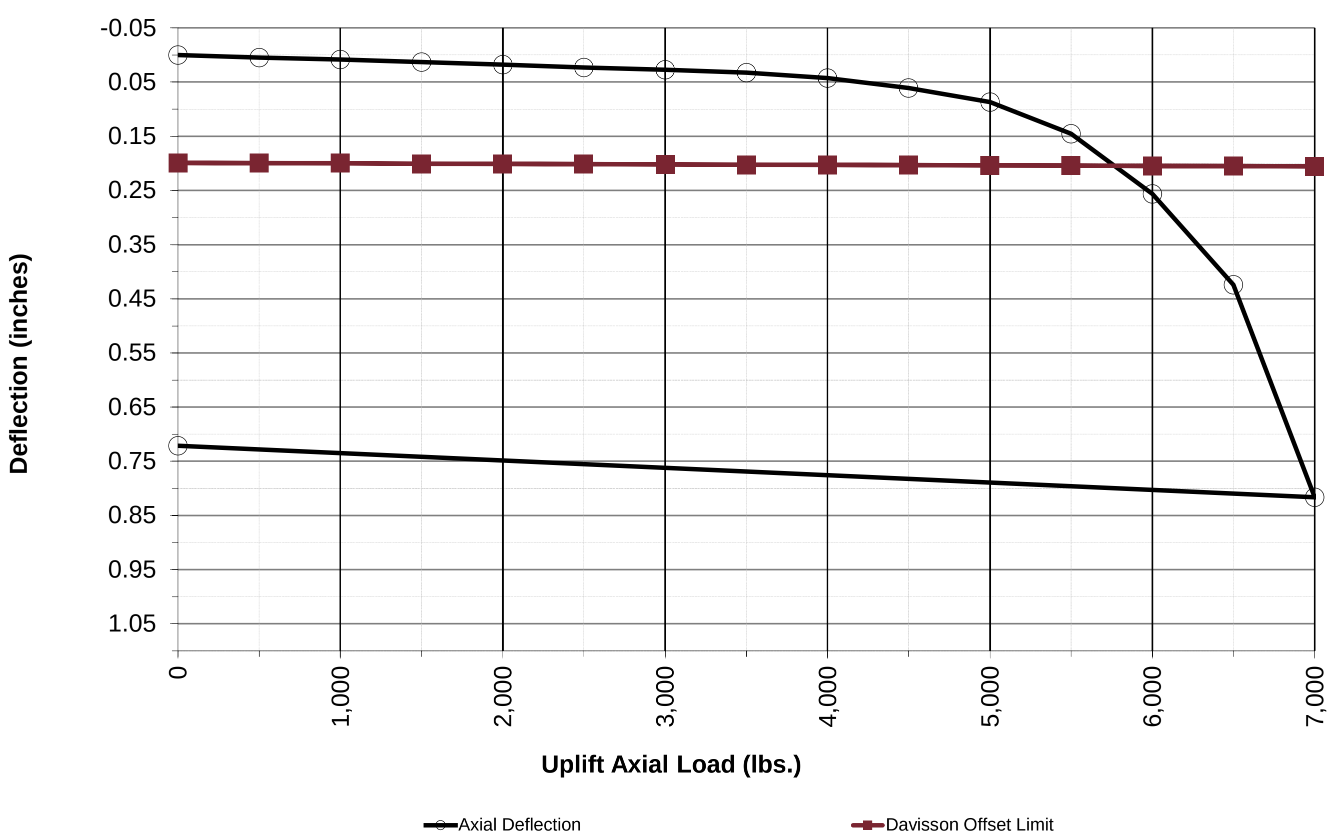
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/9/2023

Pile Information

Pile ID:	PLT-15A
Group Latitude [deg.]:	36.5072
Group Longitude[deg.]:	-120.1932
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	27

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.005	0.000	0.200	
14%	1000	0.009	0.001	0.200	
21%	1500	0.013	0.001	0.201	
29%	2000	0.018	0.002	0.201	
36%	2500	0.023	0.002	0.201	
43%	3000	0.027	0.003	0.202	
50%	3500	0.033	0.003	0.202	
57%	4000	0.043	0.004	0.203	
64%	4500	0.061	0.004	0.203	
71%	5000	0.087	0.005	0.204	
79%	5500	0.146	0.005	0.204	
86%	6000	0.256	0.006	0.205	
93%	6500	0.424	0.006	0.205	
100%	7000	0.817	0.006	0.206	
0%	0	0.721	0.000	0.199	



Tension Load Test Result for PLT-15B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

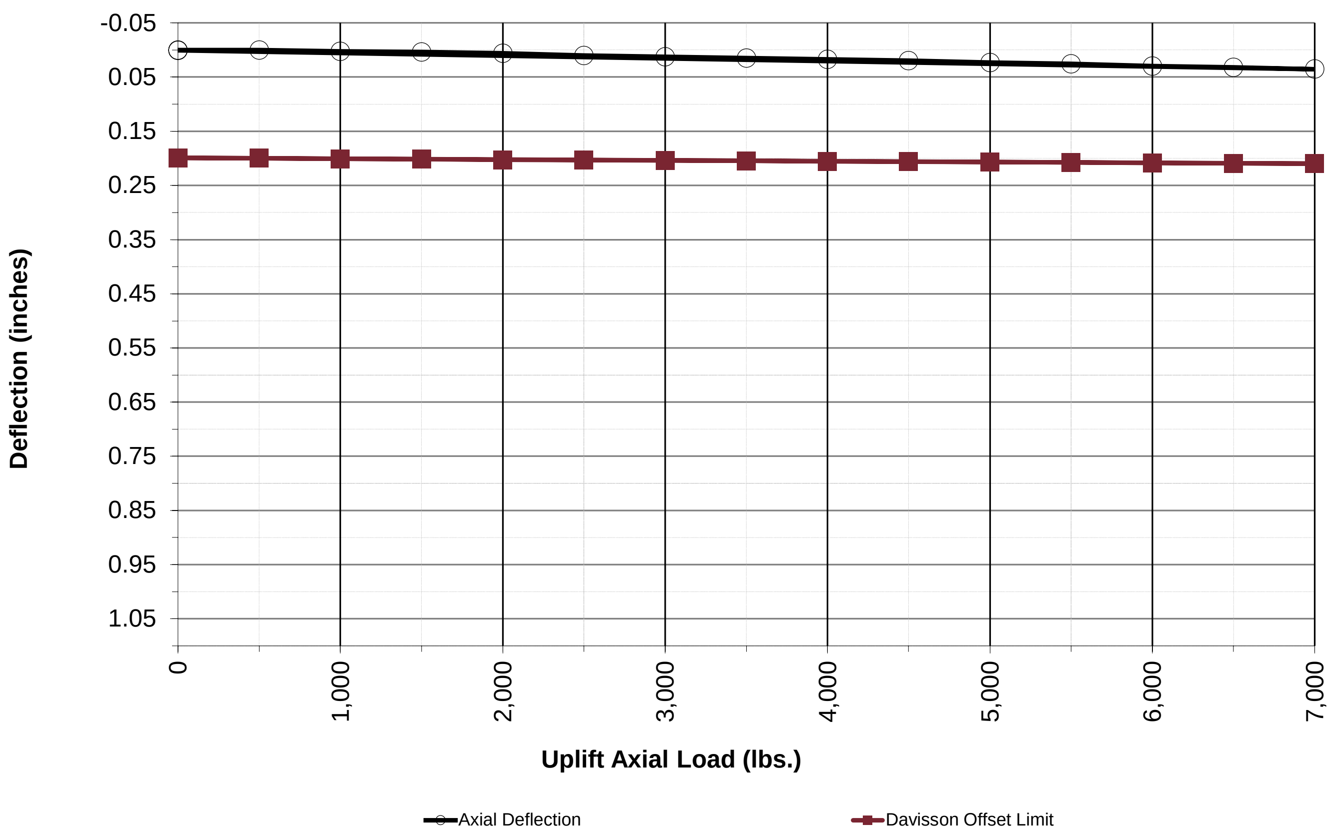
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/9/2023

Pile Information

Pile ID:	PLT-15B
Group Latitude [deg.]:	36.5072
Group Longitude[deg.]:	-120.1932
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	61

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.000	0.001	0.200	
14%	1000	0.002	0.002	0.201	
21%	1500	0.003	0.002	0.201	
29%	2000	0.006	0.003	0.202	
36%	2500	0.010	0.004	0.203	
43%	3000	0.012	0.005	0.204	
50%	3500	0.015	0.005	0.205	
57%	4000	0.018	0.006	0.205	
64%	4500	0.020	0.007	0.206	
71%	5000	0.023	0.008	0.207	
79%	5500	0.026	0.008	0.208	
86%	6000	0.029	0.009	0.208	
93%	6500	0.032	0.010	0.209	
100%	7000	0.035	0.011	0.210	
0%	0	0.001	0.000	0.199	



Tension Load Test Result for PLT-16A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

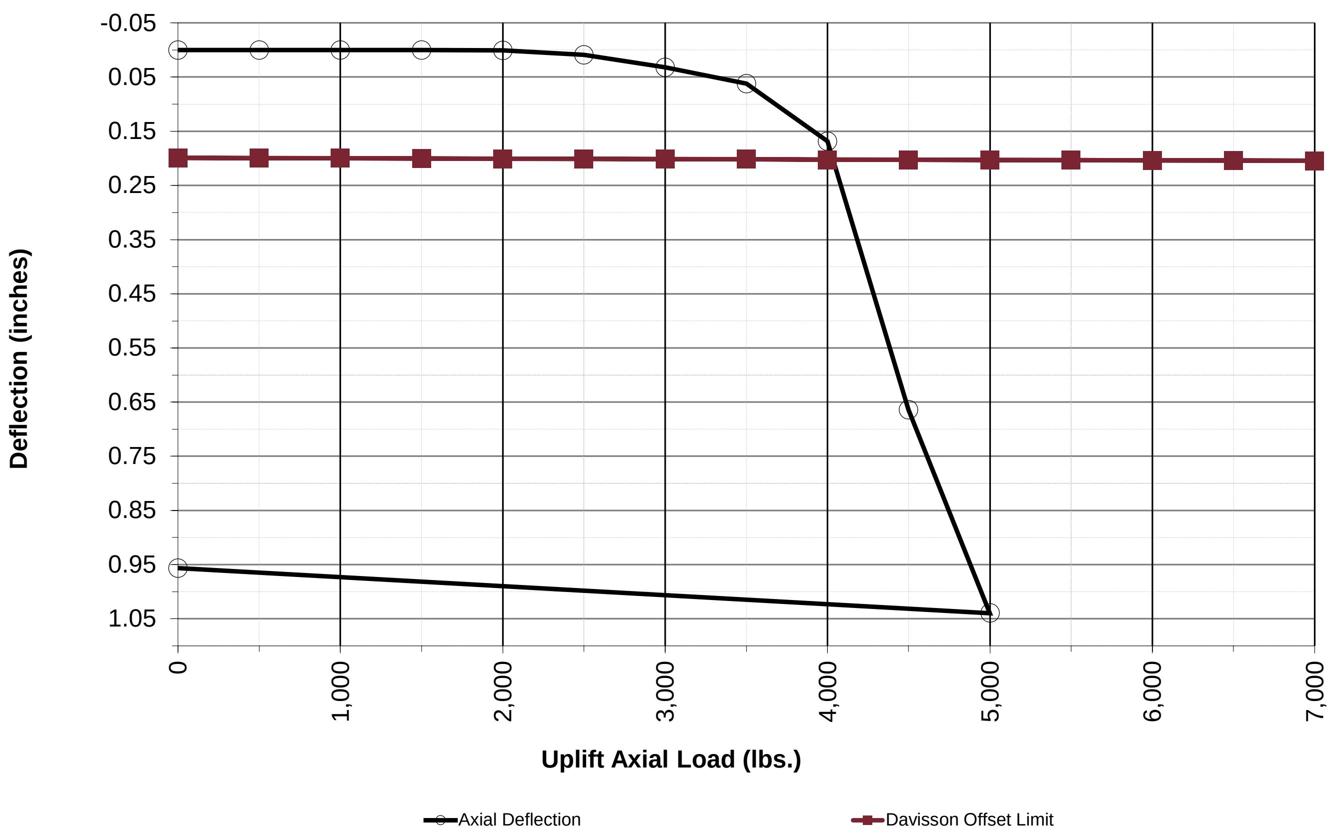
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/10/2023

Pile Information

Pile ID:	PLT-16A
Group Latitude [deg.]:	36.5060
Group Longitude[deg.]:	-120.1803
Pile Type:	W6X9
Pile Embedment Depth [in.]:	60
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	13

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.000	0.000	0.200	
14%	1000	0.000	0.001	0.200	
21%	1500	0.000	0.001	0.200	
29%	2000	0.001	0.002	0.201	
36%	2500	0.009	0.002	0.201	
43%	3000	0.032	0.002	0.201	
50%	3500	0.062	0.003	0.202	
57%	4000	0.168	0.003	0.202	
64%	4500	0.664	0.003	0.203	
71%	5000	1.040	0.004	0.203	
79%	5500		0.004	0.203	
86%	6000		0.005	0.204	
93%	6500		0.005	0.204	
100%	7000		0.005	0.205	
0%	0	0.956	0.000	0.199	



Tension Load Test Result for PLT-16B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

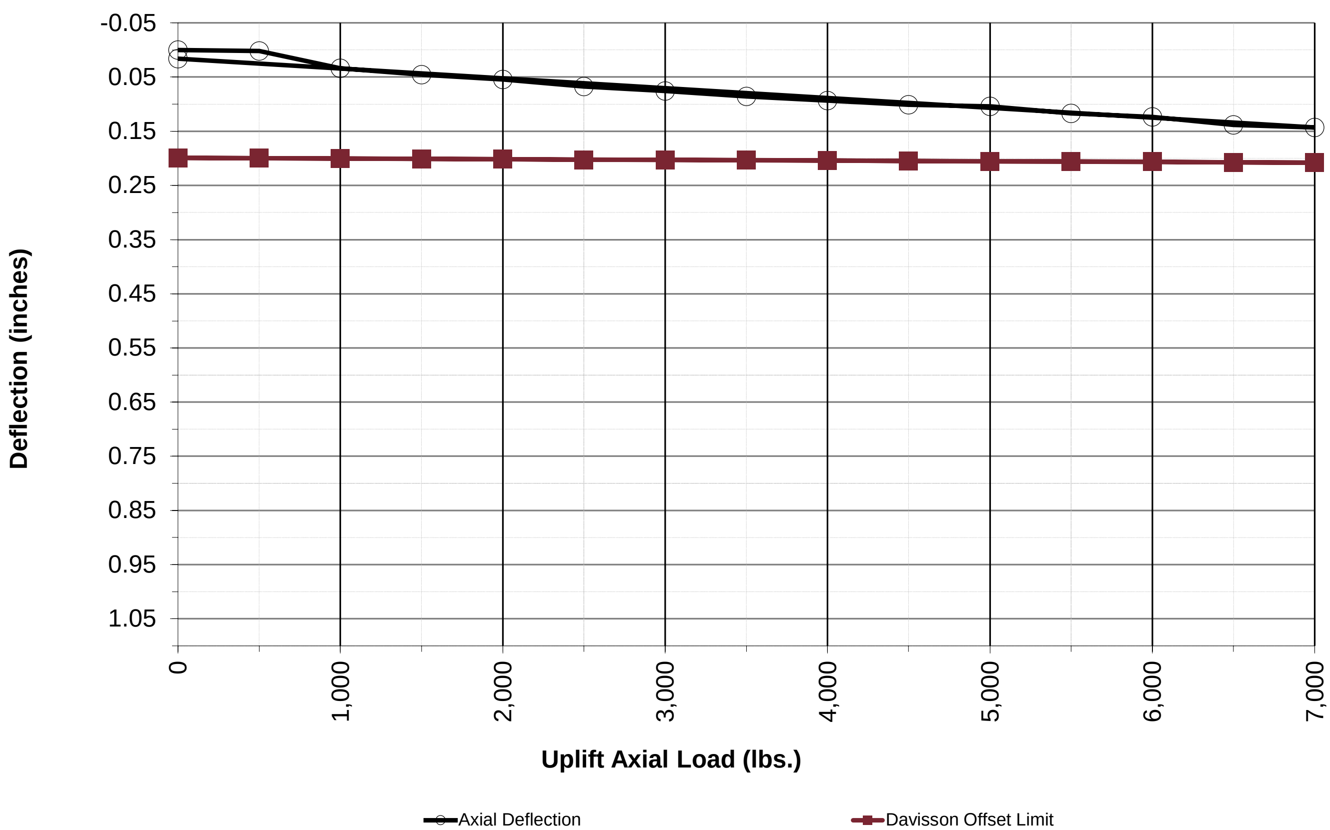
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/10/2023

Pile Information

Pile ID:	PLT-16B
Group Latitude [deg.]:	36.5060
Group Longitude[deg.]:	-120.1803
Pile Type:	W6X9
Pile Embedment Depth [in.]:	96
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	70

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.002	0.001	0.200	
14%	1000	0.034	0.001	0.200	
21%	1500	0.046	0.002	0.201	
29%	2000	0.055	0.002	0.202	
36%	2500	0.068	0.003	0.202	
43%	3000	0.076	0.004	0.203	
50%	3500	0.086	0.004	0.203	
57%	4000	0.094	0.005	0.204	
64%	4500	0.101	0.006	0.205	
71%	5000	0.104	0.006	0.205	
79%	5500	0.117	0.007	0.206	
86%	6000	0.124	0.007	0.207	
93%	6500	0.139	0.008	0.207	
100%	7000	0.143	0.009	0.208	
0%	0	0.016	0.000	0.199	



Tension Load Test Result for PLT-17A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

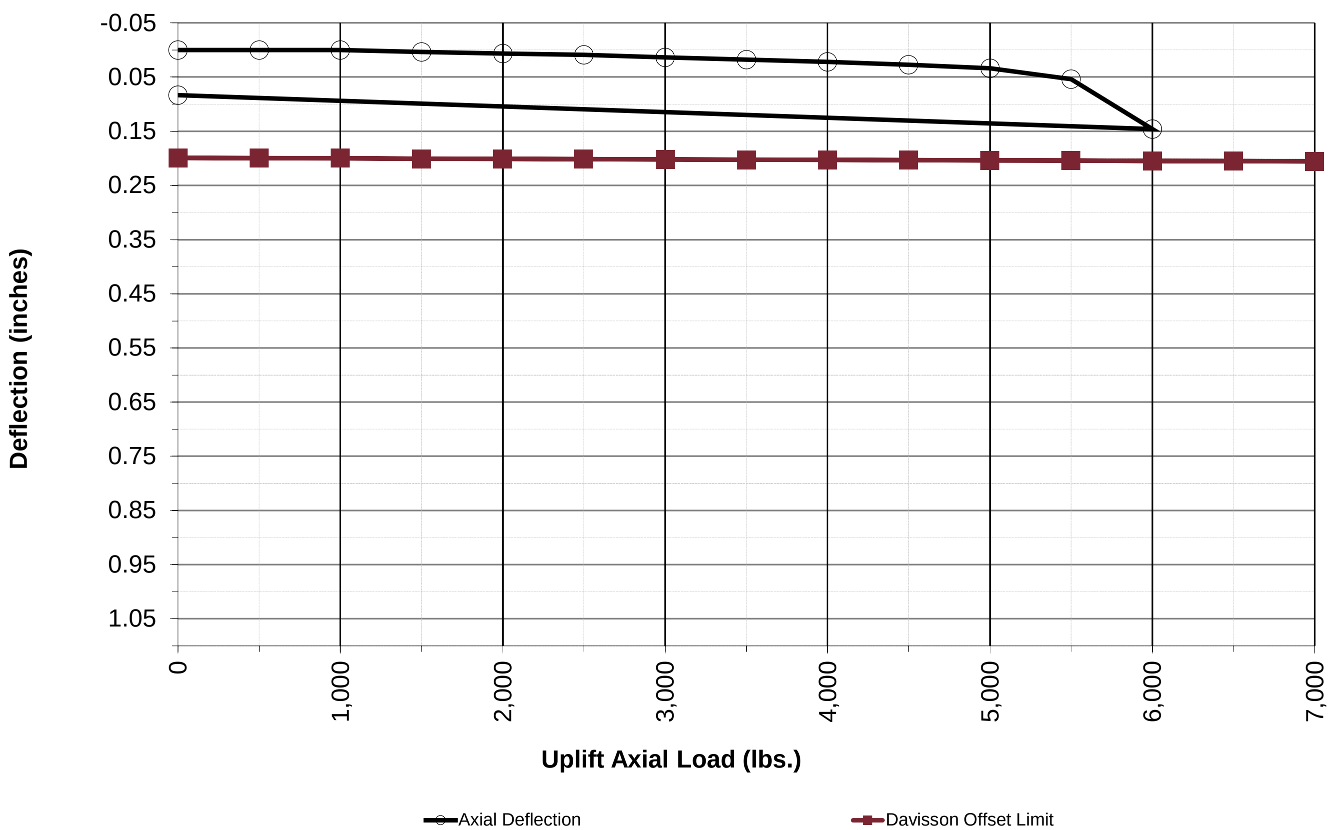
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/10/2023

Pile Information

Pile ID:	PLT-17A
Group Latitude [deg.]:	36.5101
Group Longitude[deg.]:	-120.1805
Pile Type:	W6X9
Pile Embedment Depth [in.]:	72
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	29

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.000	0.000	0.200	
14%	1000	0.000	0.001	0.200	
21%	1500	0.003	0.001	0.201	
29%	2000	0.007	0.002	0.201	
36%	2500	0.009	0.002	0.201	
43%	3000	0.014	0.003	0.202	
50%	3500	0.018	0.003	0.202	
57%	4000	0.022	0.004	0.203	
64%	4500	0.027	0.004	0.203	
71%	5000	0.034	0.005	0.204	
79%	5500	0.054	0.005	0.204	
86%	6000	0.146	0.006	0.205	
93%	6500		0.006	0.205	
100%	7000		0.006	0.206	
0%	0	0.084	0.000	0.199	



Tension Load Test Result for PLT-17B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

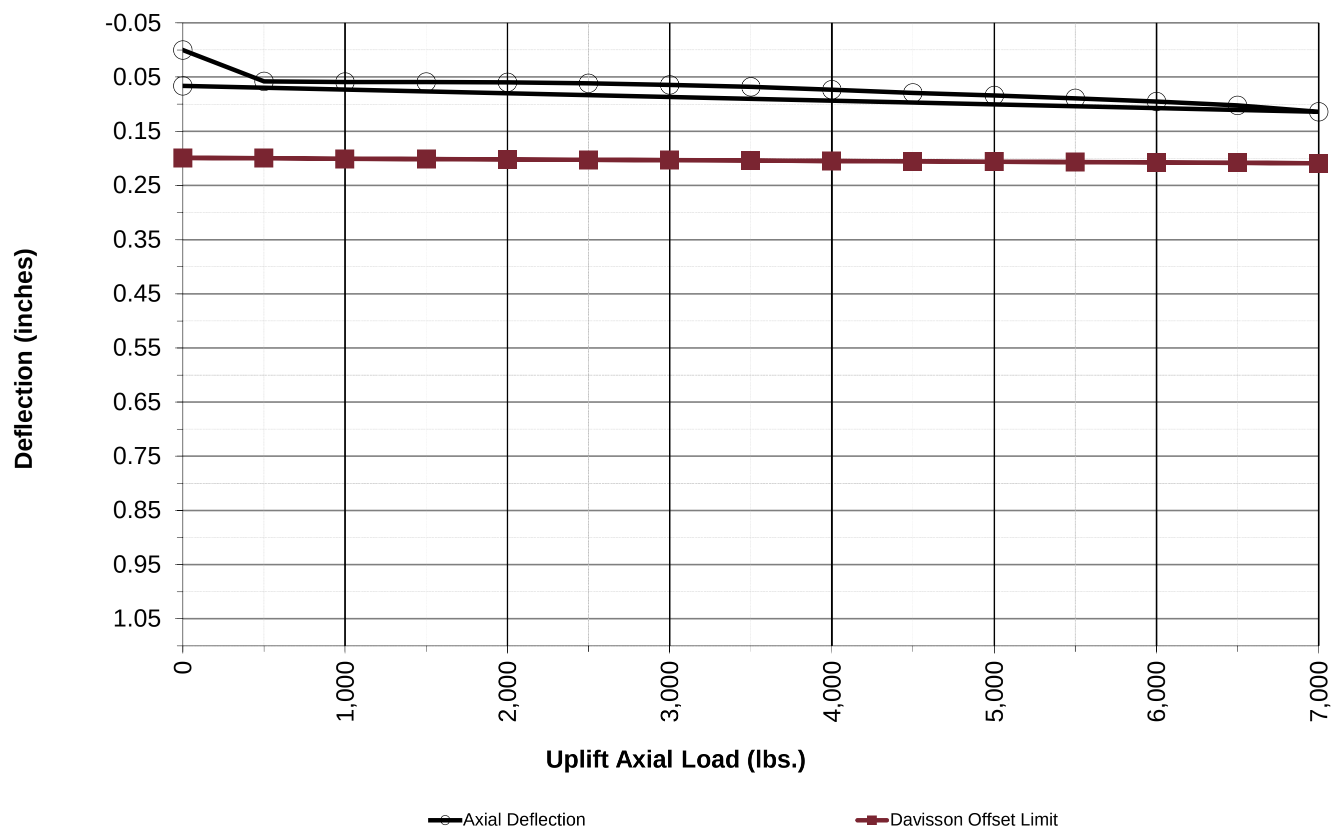
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/10/2023

Pile Information

Pile ID:	PLT-17B
Group Latitude [deg.]:	36.5101
Group Longitude[deg.]:	-120.1805
Pile Type:	W6X9
Pile Embedment Depth [in.]:	108
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	50

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.058	0.001	0.200	
14%	1000	0.059	0.001	0.201	
21%	1500	0.059	0.002	0.201	
29%	2000	0.060	0.003	0.202	
36%	2500	0.062	0.003	0.203	
43%	3000	0.065	0.004	0.203	
50%	3500	0.068	0.005	0.204	
57%	4000	0.074	0.006	0.205	
64%	4500	0.079	0.006	0.205	
71%	5000	0.084	0.007	0.206	
79%	5500	0.090	0.008	0.207	
86%	6000	0.095	0.008	0.208	
93%	6500	0.103	0.009	0.208	
100%	7000	0.114	0.010	0.209	
0%	0	0.067	0.000	0.199	



Tension Load Test Result for PLT-18A

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

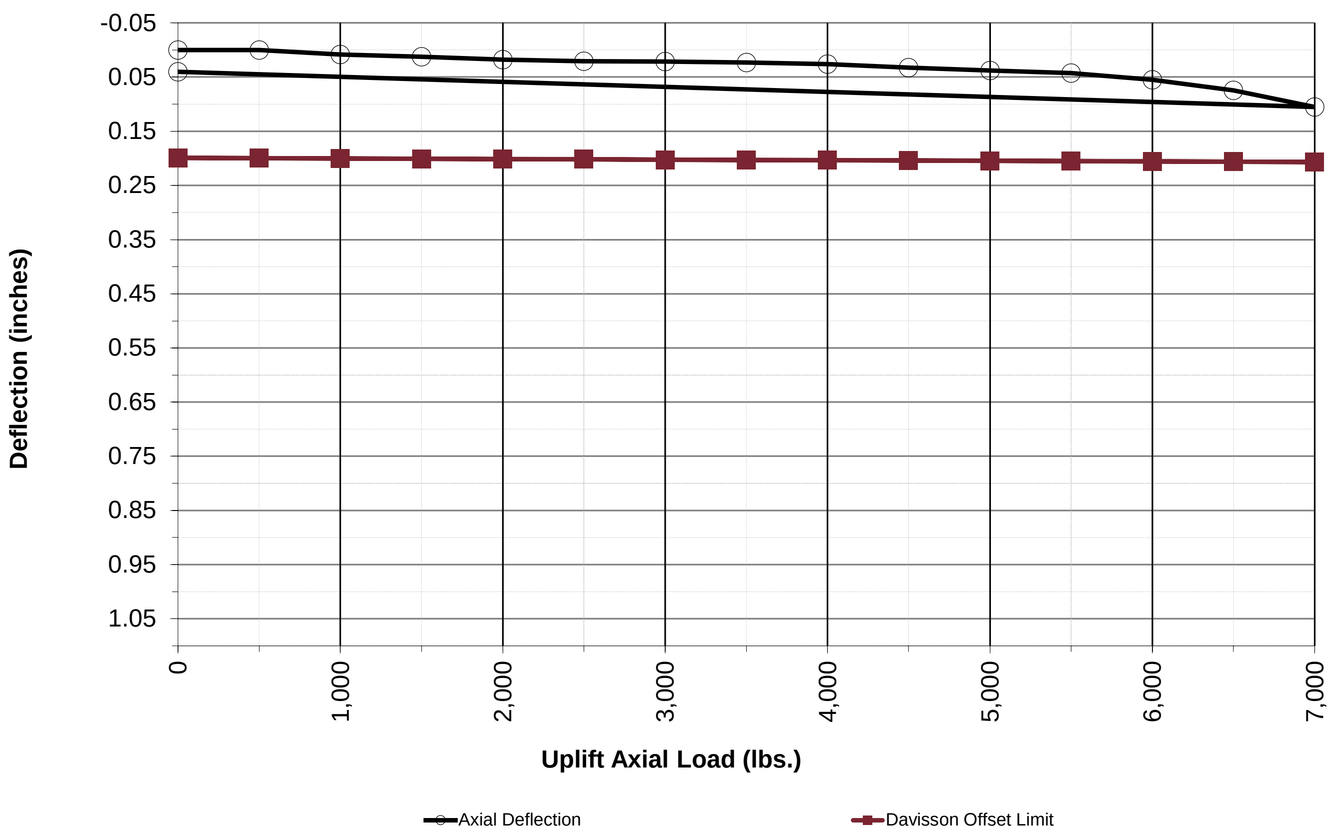
Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/10/2023

Pile Information

Pile ID:	PLT-18A
Group Latitude [deg.]:	36.5145
Group Longitude[deg.]:	-120.1810
Pile Type:	W6X9
Pile Embedment Depth [in.]:	84
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	15

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection **Δ** (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.000	0.001	0.200	
14%	1000	0.008	0.001	0.200	
21%	1500	0.012	0.002	0.201	
29%	2000	0.018	0.002	0.201	
36%	2500	0.021	0.003	0.202	
43%	3000	0.022	0.003	0.202	
50%	3500	0.023	0.004	0.203	
57%	4000	0.026	0.004	0.203	
64%	4500	0.033	0.005	0.204	
71%	5000	0.038	0.005	0.205	
79%	5500	0.043	0.006	0.205	
86%	6000	0.055	0.006	0.206	
93%	6500	0.074	0.007	0.206	
100%	7000	0.106	0.008	0.207	
0%	0	0.041	0.000	0.199	



Tension Load Test Result for PLT-18B

Project Information

Project Name:	Darden Solar
Project Location:	Cantua Creek, CA
Project Number:	60225172

Axial Load Test Set Up

Number of Gauges:	2
Height of Gauges [in.]:	6
Load Cell:	DILLON ED

Test Date and Representative

Tested By Terracon Rep:	AS
Date Tested:	5/10/2023

Pile Information

Pile ID:	PLT-18B
Group Latitude [deg.]:	36.5145
Group Longitude[deg.]:	-120.1810
Pile Type:	W6X9
Pile Embedment Depth [in.]:	120
Pile Diameter [in.]:	5.9
Pile Stick-Up [in.]:	24
Axial Target Load [lbs.]:	7,000
Pile Area [sq. in.]:	2.68
Elastic Modulus [ksi.]:	29,000
Drive Time [sec.]:	90

Tension Test Results				Davisson Offset Limit Lines	
% of Target Load	Axial Load [lbs.]	Deflection Δ (in.) Gauges #1 & #2	Elastic Data (in.) (PL/AE)	Davisson Offset Limit (in.) (0.15+(PL/AE))	Comments
0%	0	0.000	0.000	0.199	
7%	500	0.000	0.001	0.200	
14%	1000	0.003	0.002	0.201	
21%	1500	0.004	0.002	0.201	
29%	2000	0.006	0.003	0.202	
36%	2500	0.007	0.004	0.203	
43%	3000	0.010	0.005	0.204	
50%	3500	0.013	0.005	0.205	
57%	4000	0.017	0.006	0.205	
64%	4500	0.022	0.007	0.206	
71%	5000	0.029	0.008	0.207	
79%	5500	0.035	0.008	0.208	
86%	6000	0.041	0.009	0.208	
93%	6500	0.050	0.010	0.209	
100%	7000	0.054	0.011	0.210	
0%	0	0.050	0.000	0.199