Piles with Followers

FIG_166: Title

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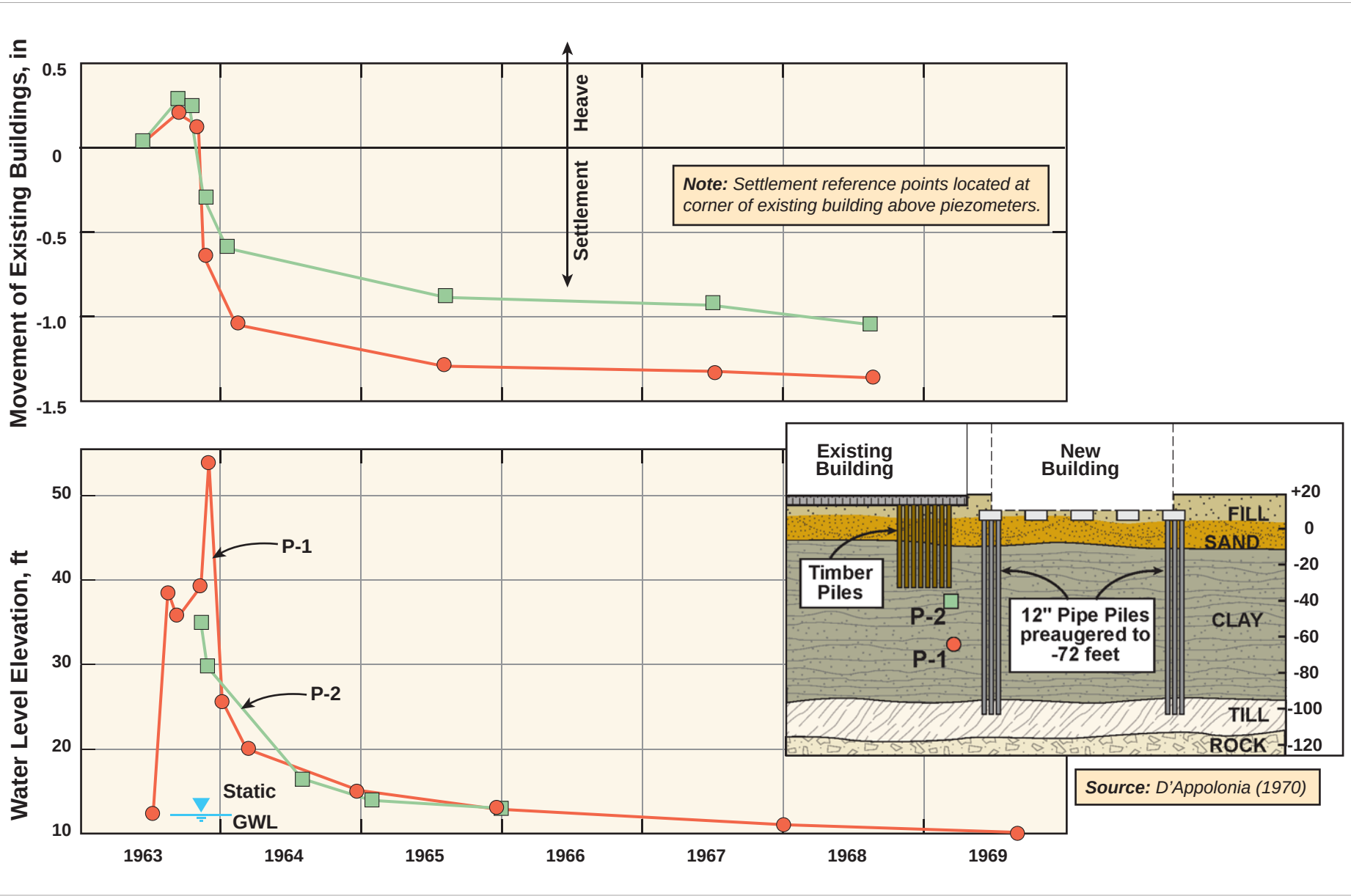

FIG_167 : Excess Pore Pressures and Movements of Nearby Building Caused by Pile Driving on the MIT Campus

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS\FIG_177

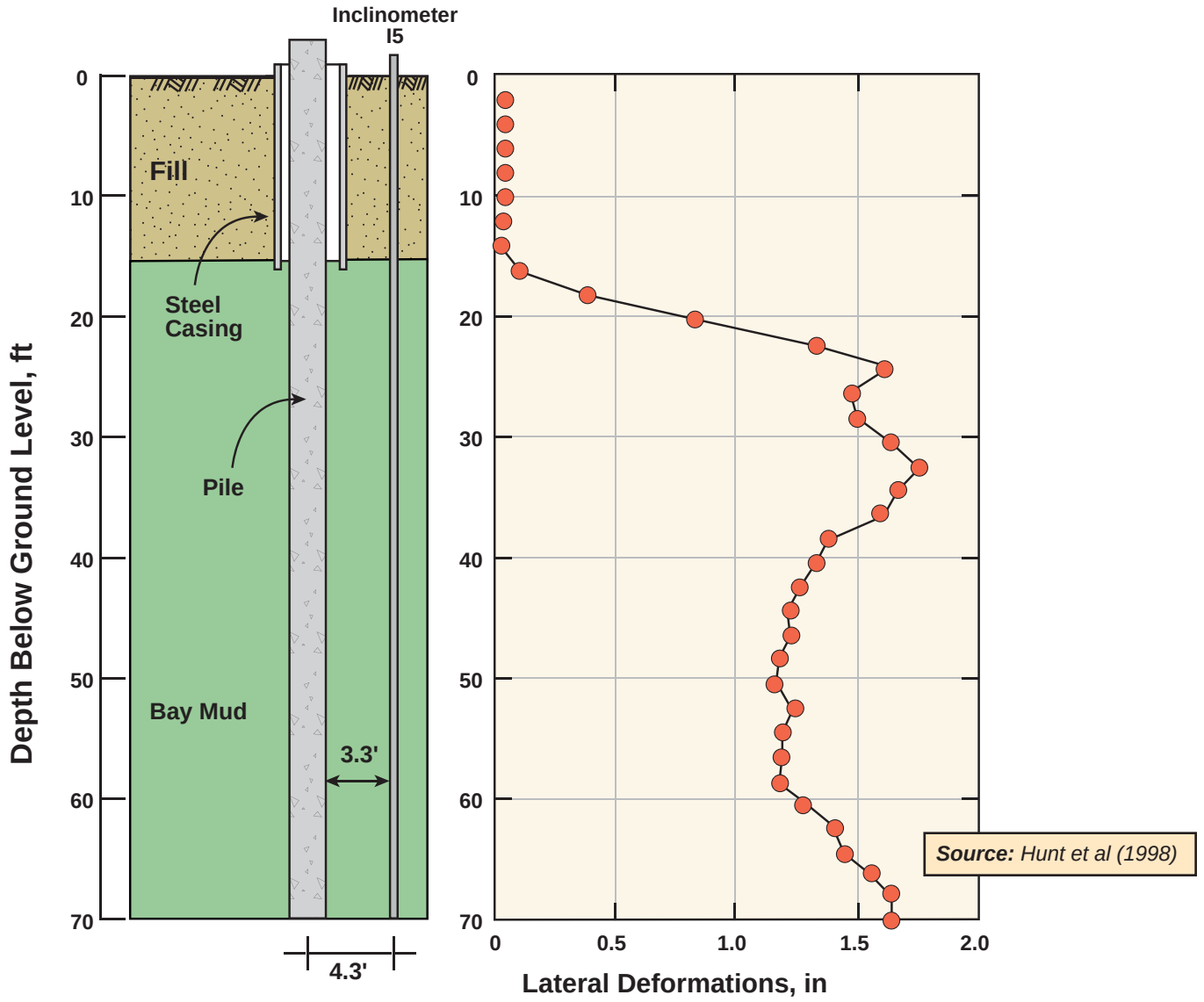

FIG_168 : Lateral Deformations Caused By Driving A Single Pile In Bay Mud

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS (165-1991)\FIG_168

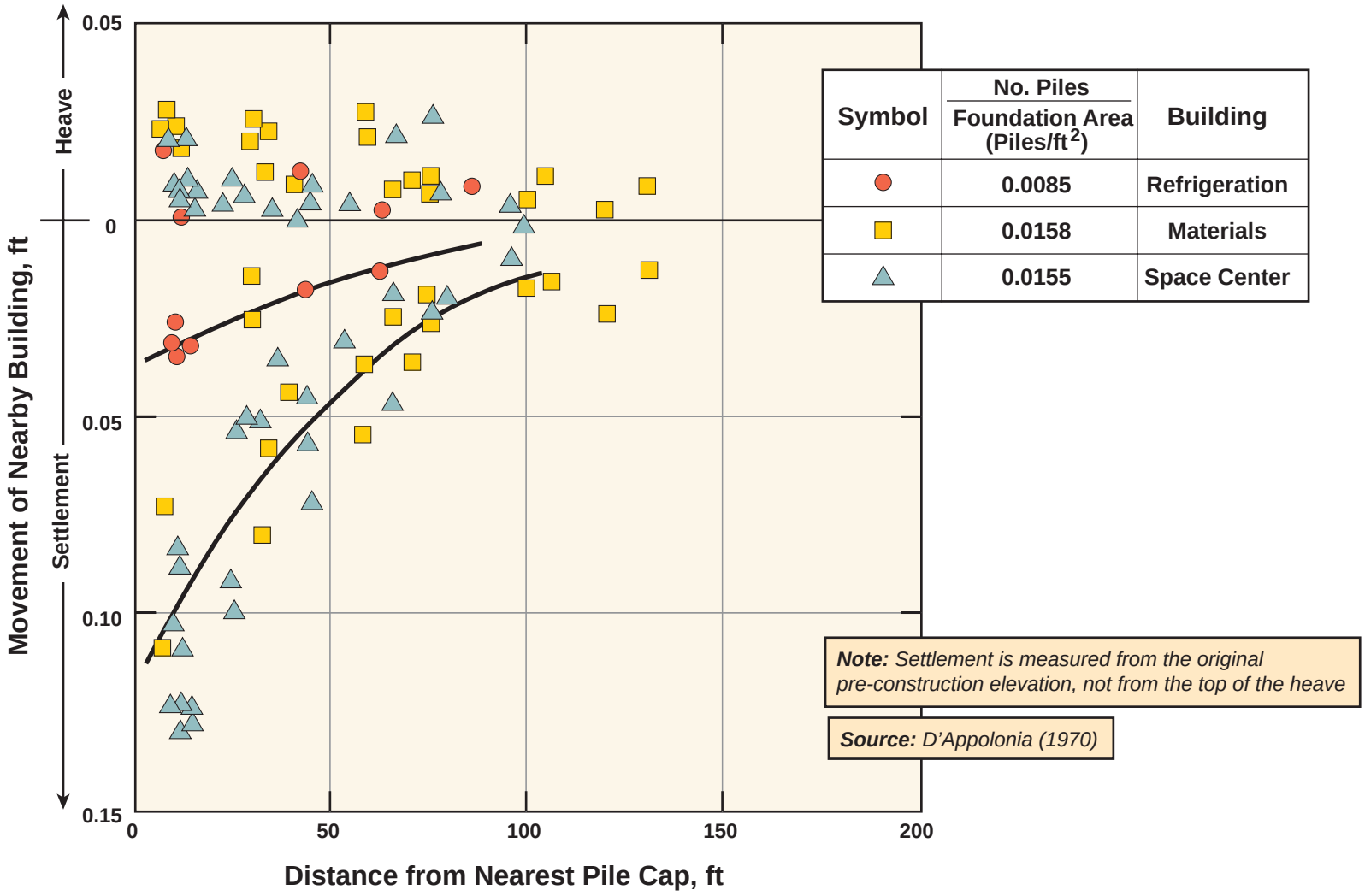

FIG_169 : Movements of Nearby Buildings Caused by Pile Driving Operations

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS (165-1991)\FIG_169

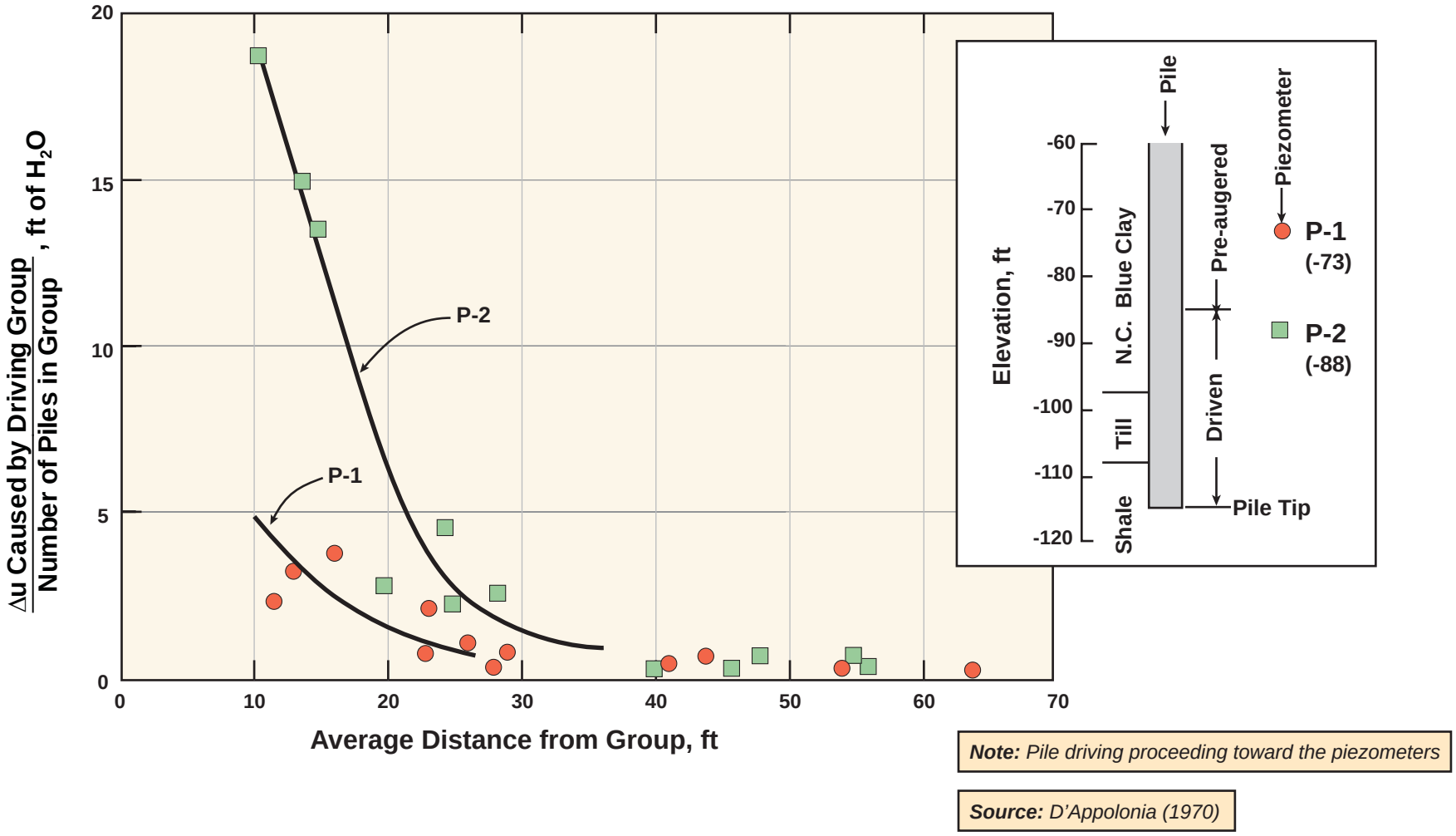

FIG_170 : Pore Pressure Increase As Function Of Distance From Pile Driving: Pile Driving on The MIT Campus

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS (165-1991)\FIG_170

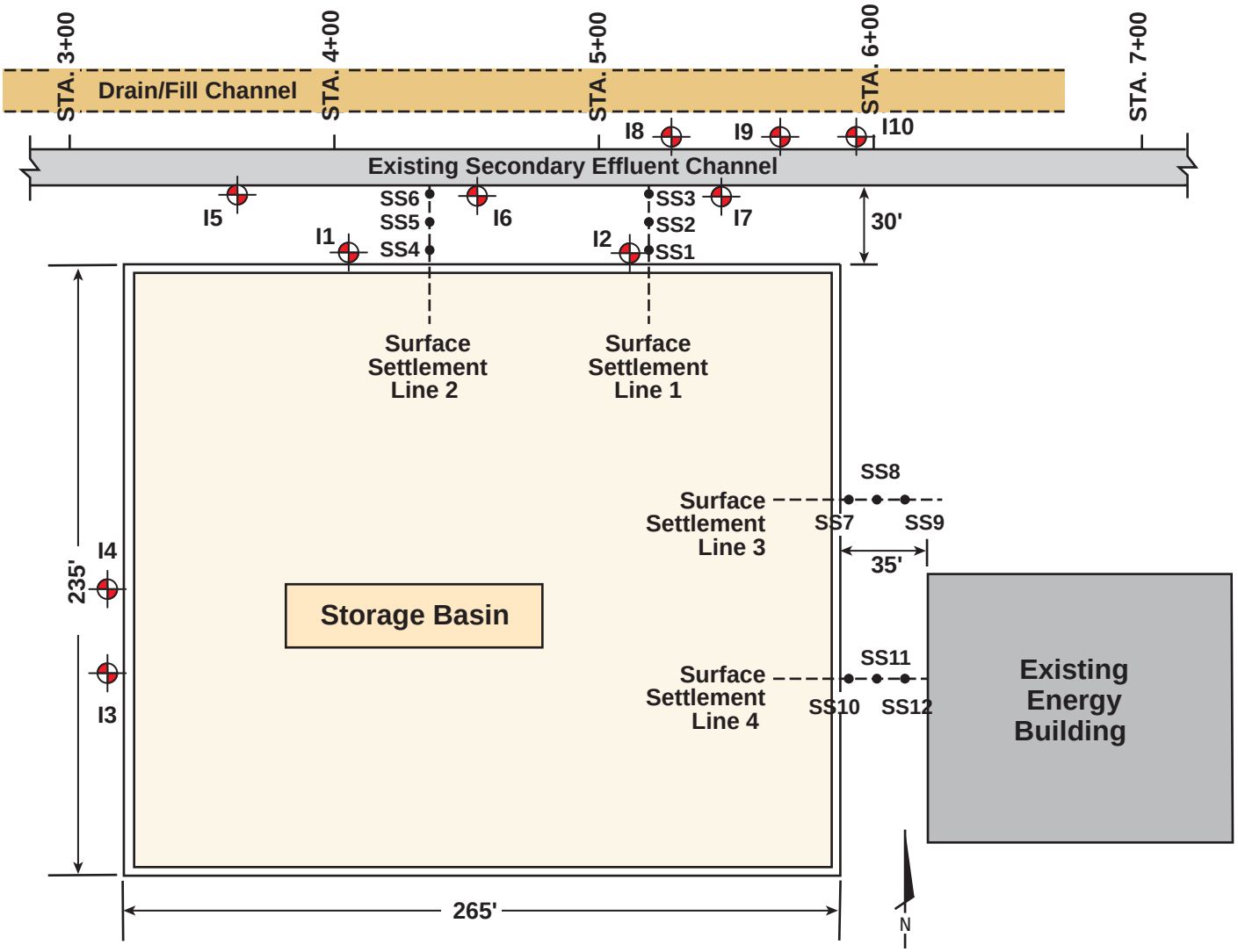

FIG_171 : Site Plan and Instrumentation For a Deep Wet Weather Storage Basin

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS\FIG_171

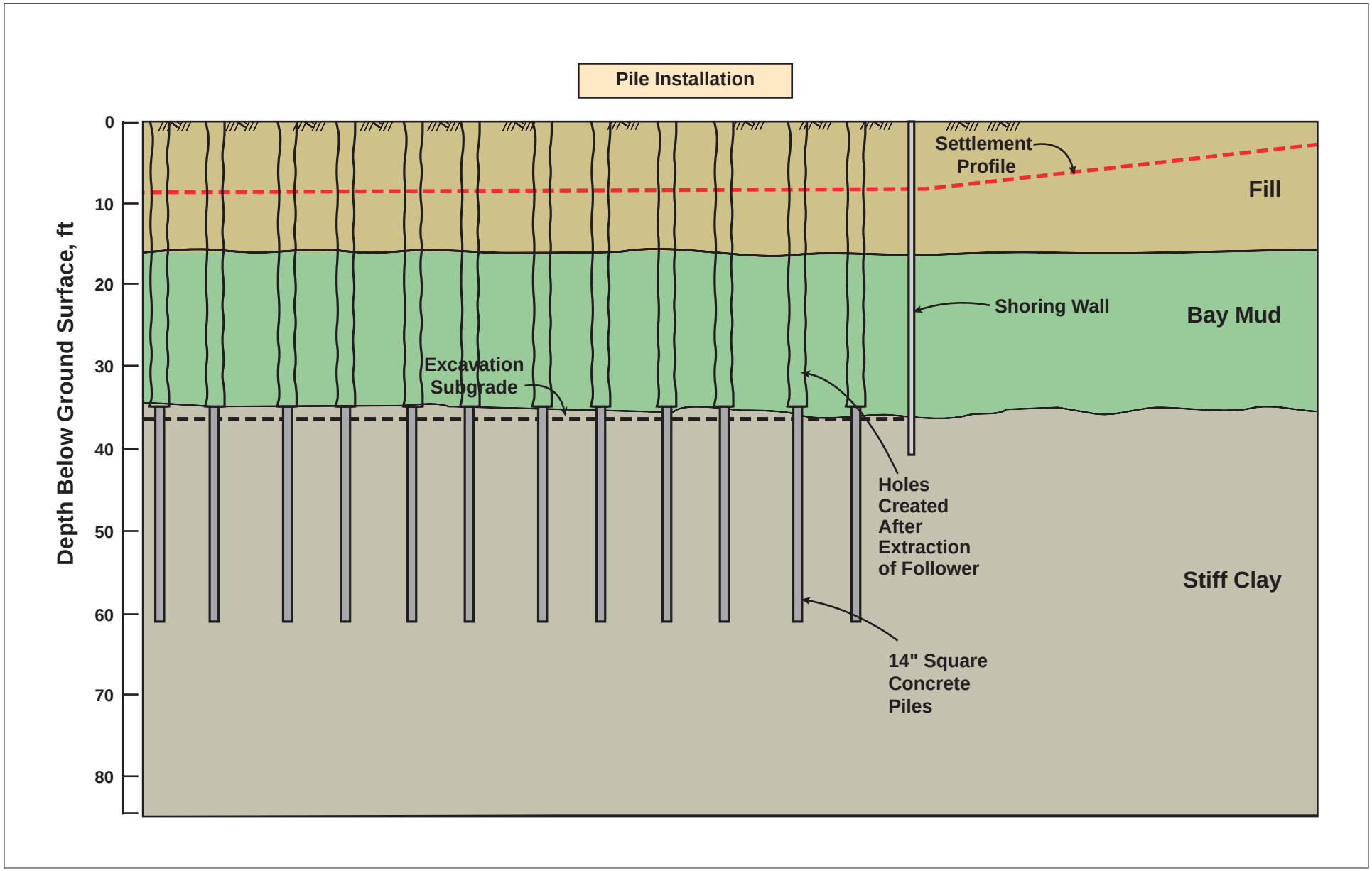

FIG_172 : Settlements Caused By Pile Installation

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS\FIG_172

FIG_173 : Excavation Bracing and Exposed Piles Driven Using Followers

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FIG_174 : General View of Piling Driven Using Followers in a Deep Excavation

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS (165-1991)\FIG_174

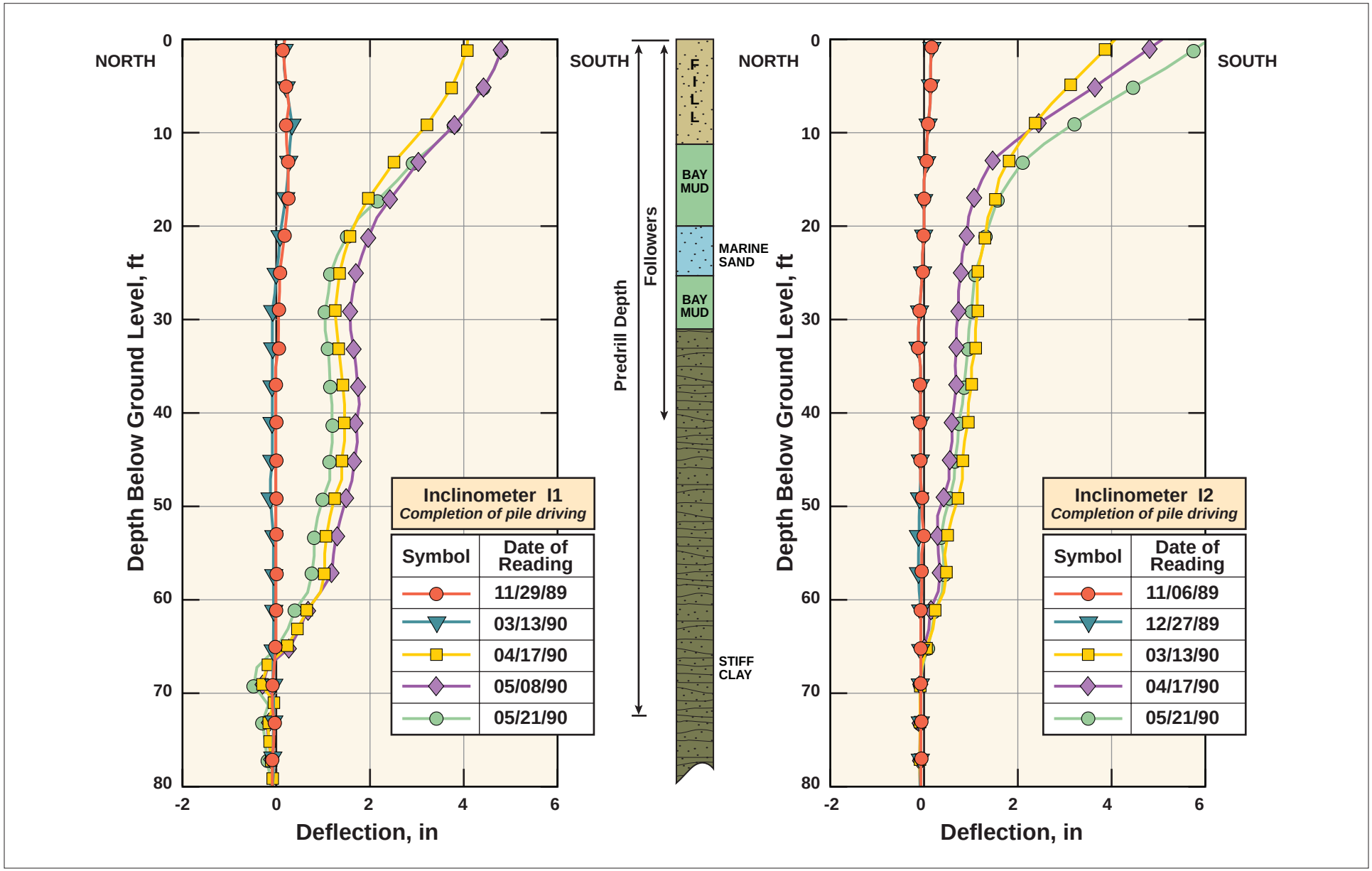

FIG_175 : Lateral Drformations Measured During Pile Driving with Deep Followers

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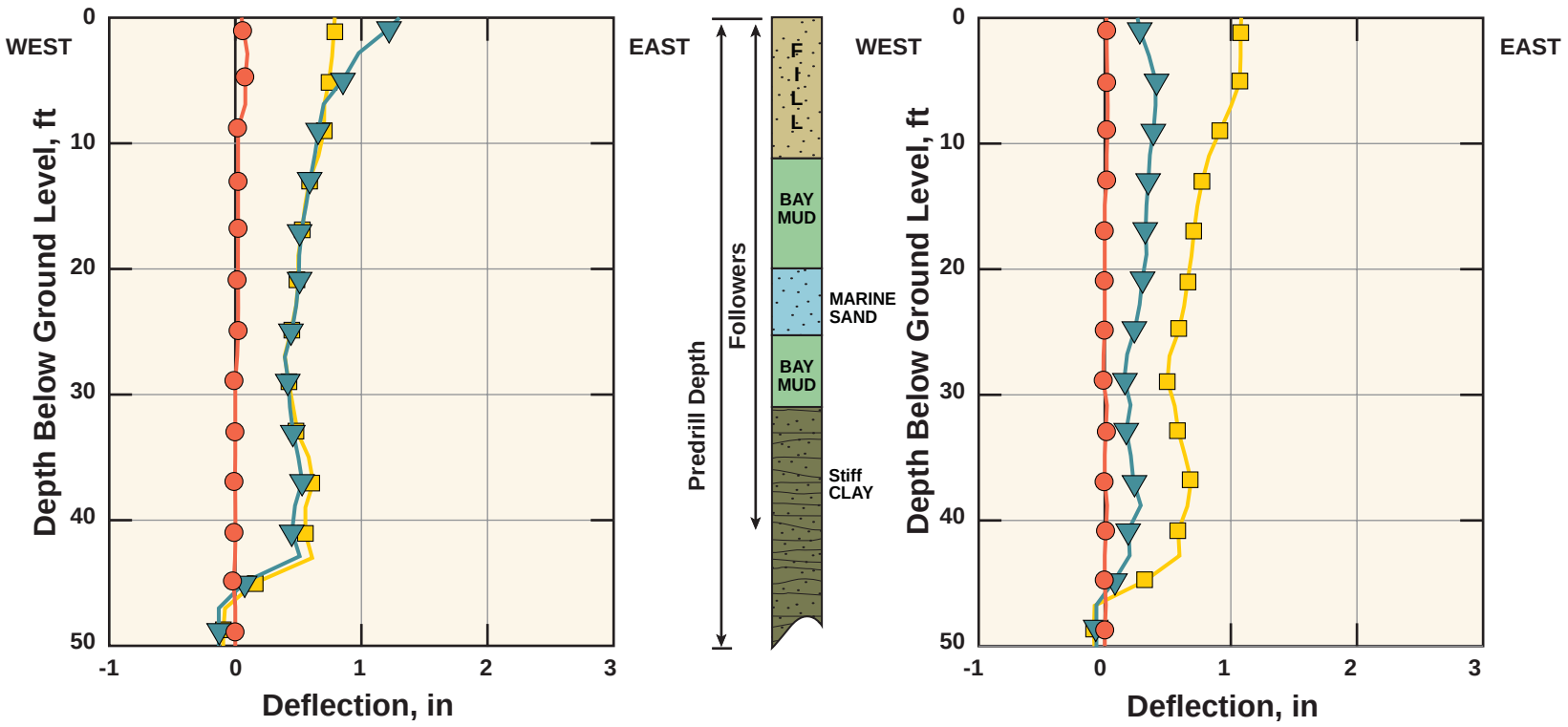

Inclinometer I3 *Completion of pile driving*	
Symbol	**Date of Reading**
	11/06/89
	05/08/90
	05/21/90

Inclinometer I4 *Completion of pile driving*	
Symbol	**Date of Reading**
	11/06/89
	05/08/90
	05/21/90

FIG_176 : Lateral Deformations Measured During Pile Driving: Effict of Predrilling and Use of Followers

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS (165-1991)\FIG_176

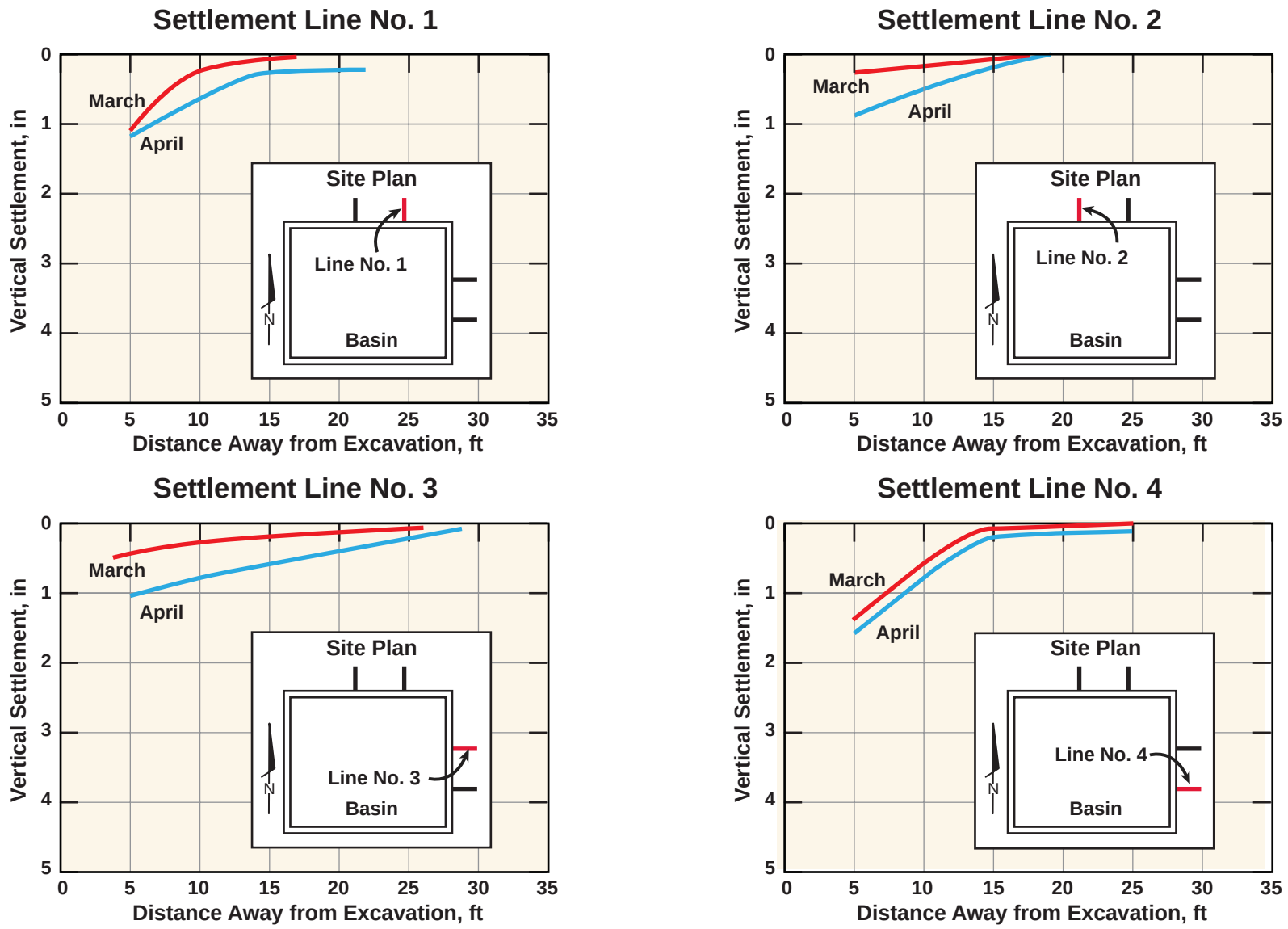

FIG_177 : Settlements Caused by Pile Driving Using Deep Followers

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS (165-1991)\FIG_177

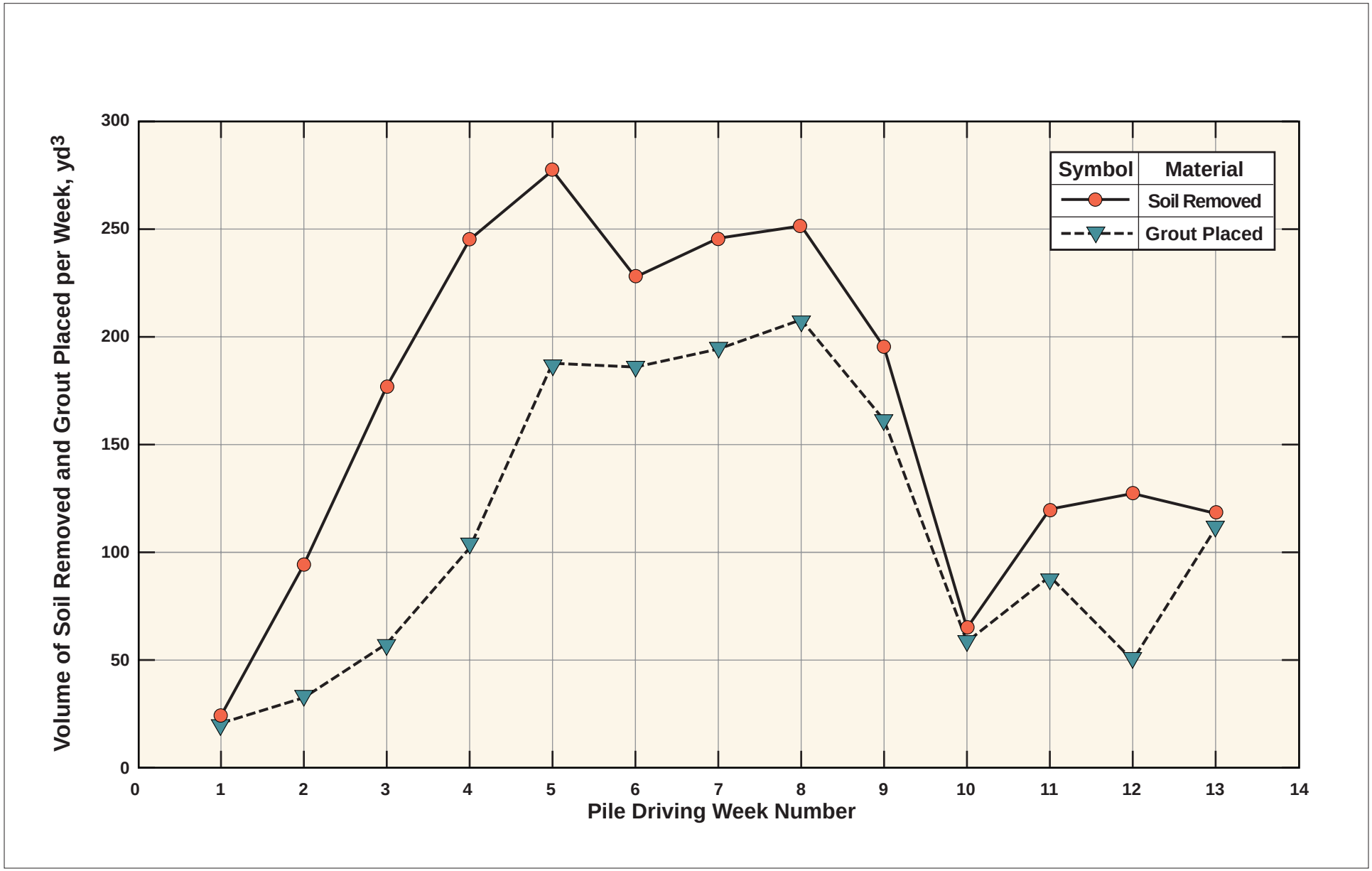

FIG_178 : Backfilling of Predrilled Holes: Pile Driving with Deep Followers

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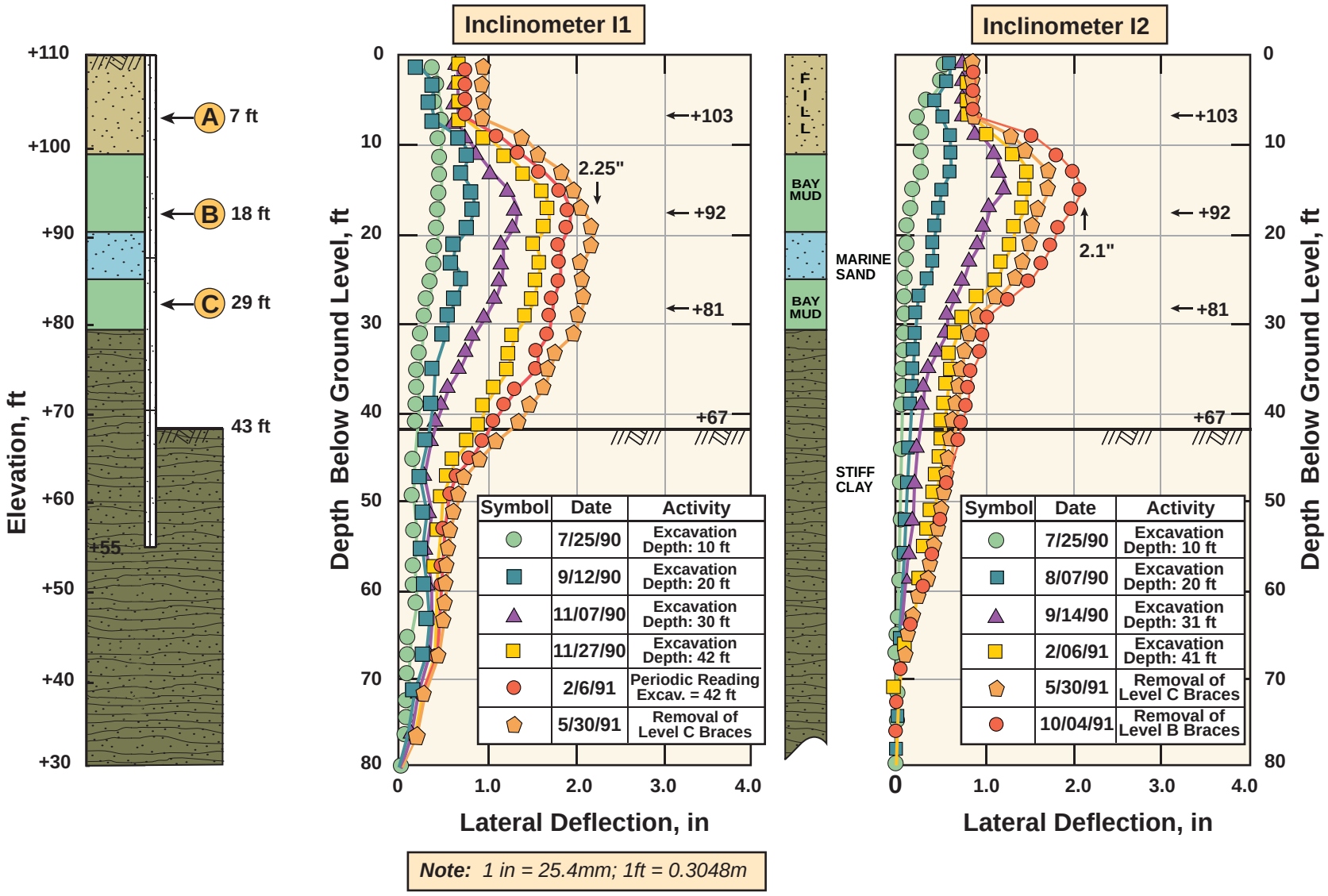

FIG_179 : Lateral Deformation Profiles At Various Excavation Stages: Storage Basin Site

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS (174-1998)\FIG_179

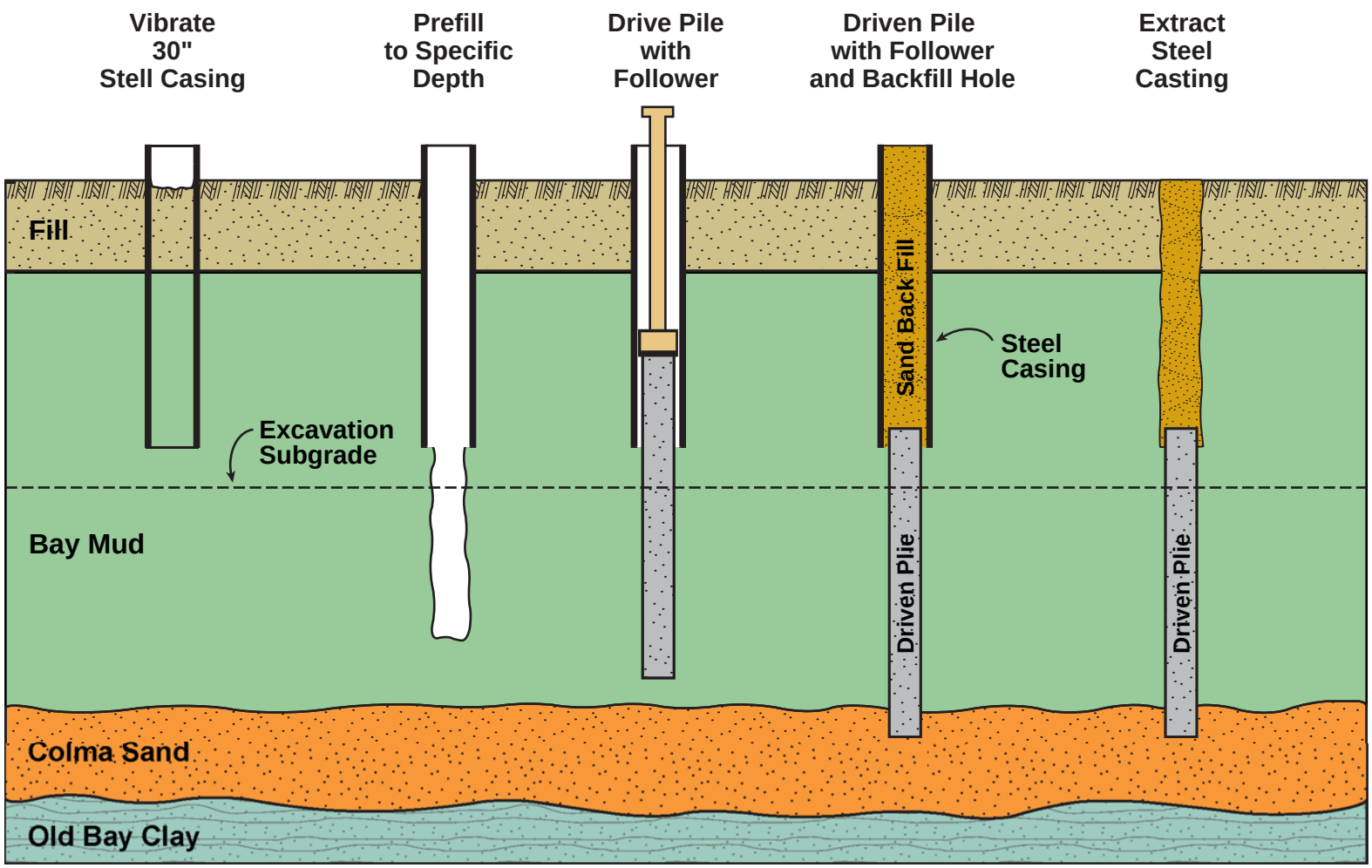

FIG_180: Pile Installation Procedure for Control of Heave and Settlements During Pile Driving with Deep Followers

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS (174-1998)\FIG_180

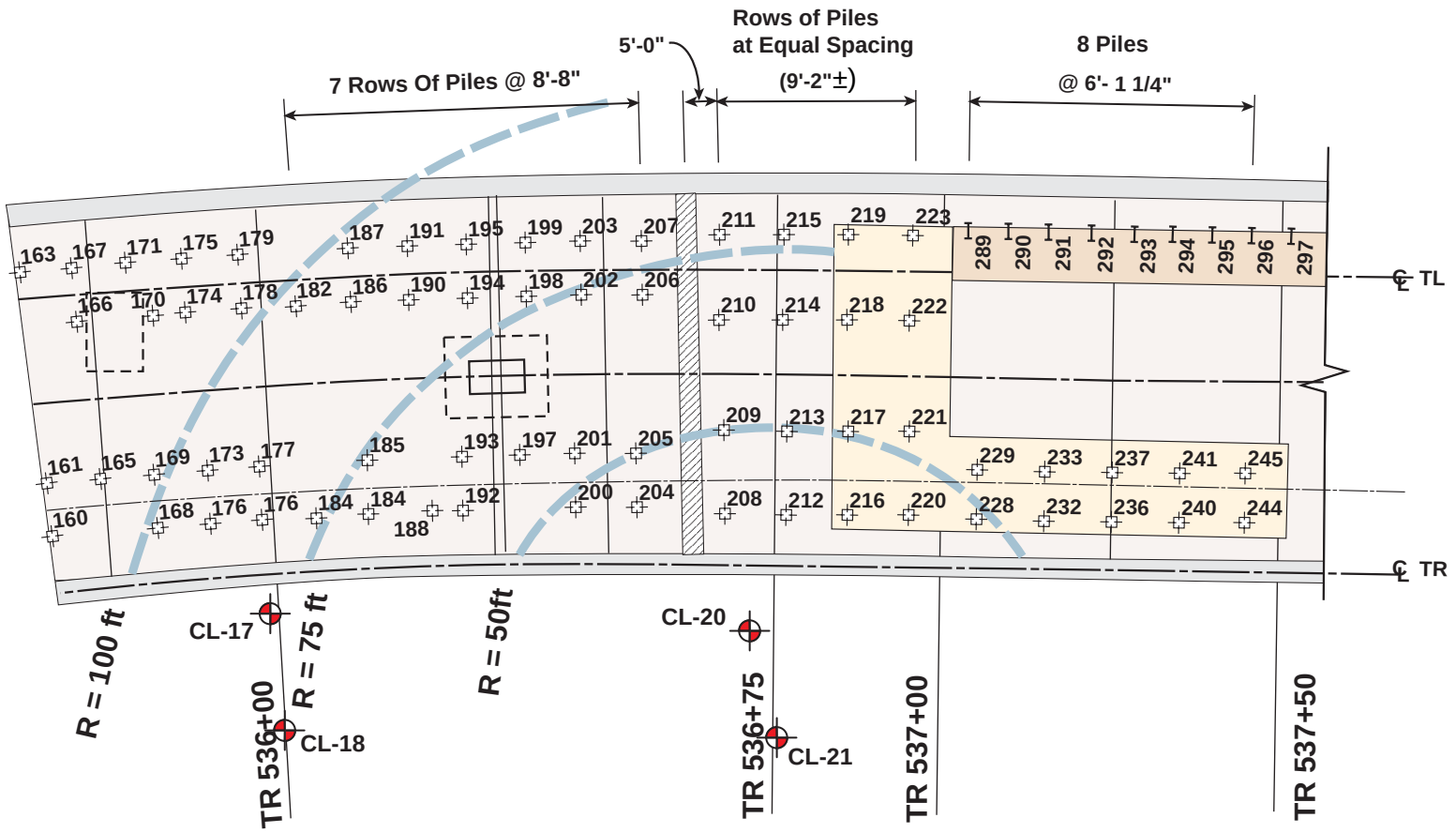

FIG_181 : Piles Driving Sequence and Monitoring Instruments

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS (165-1991)\FIG_181

FIG_182 : Pile Driving Using Long Followers Prior to Excavation

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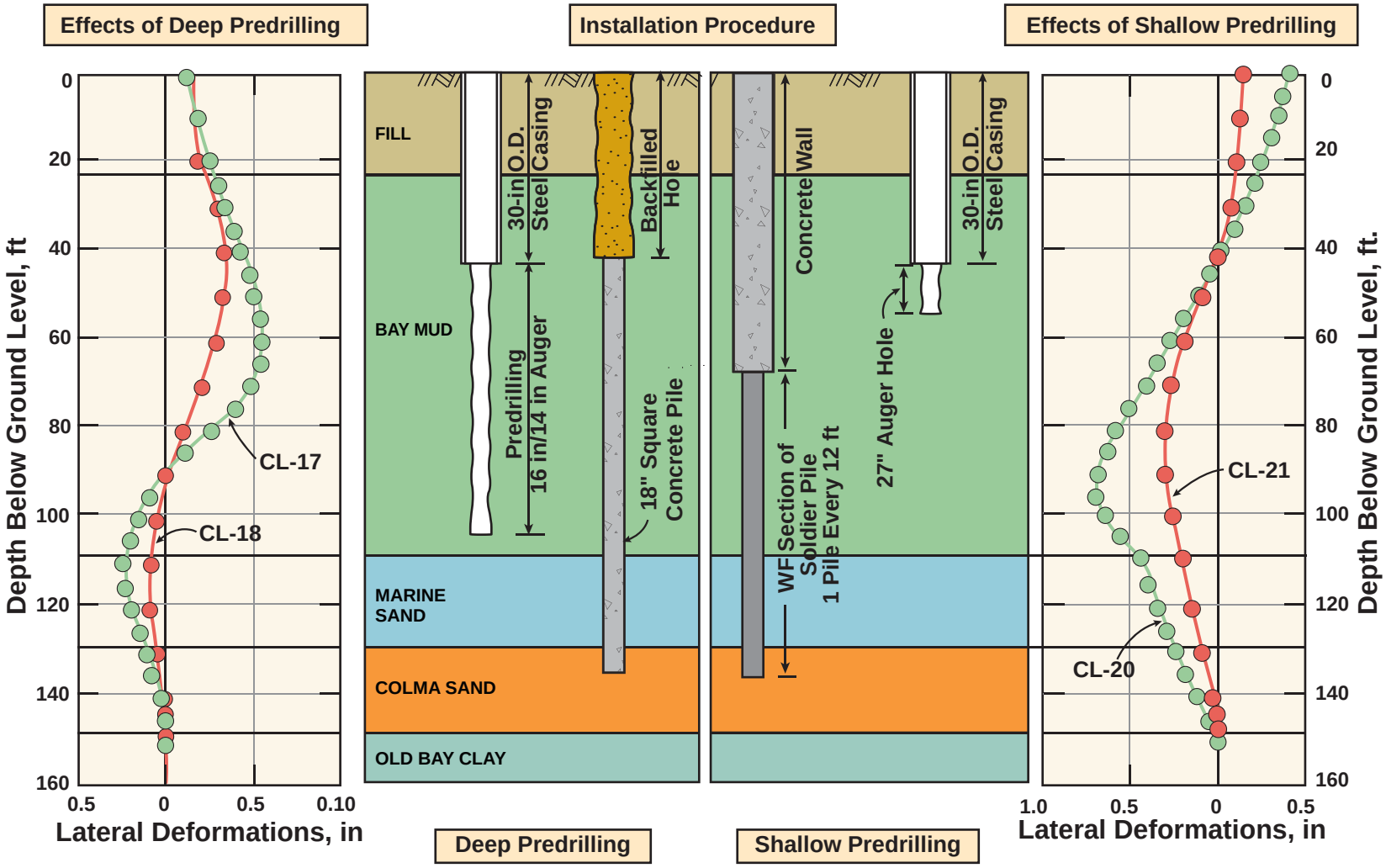

FIG_183 : Lateral Deformations Caused By Pile Driving

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS (165-1991)\oldFIG_183

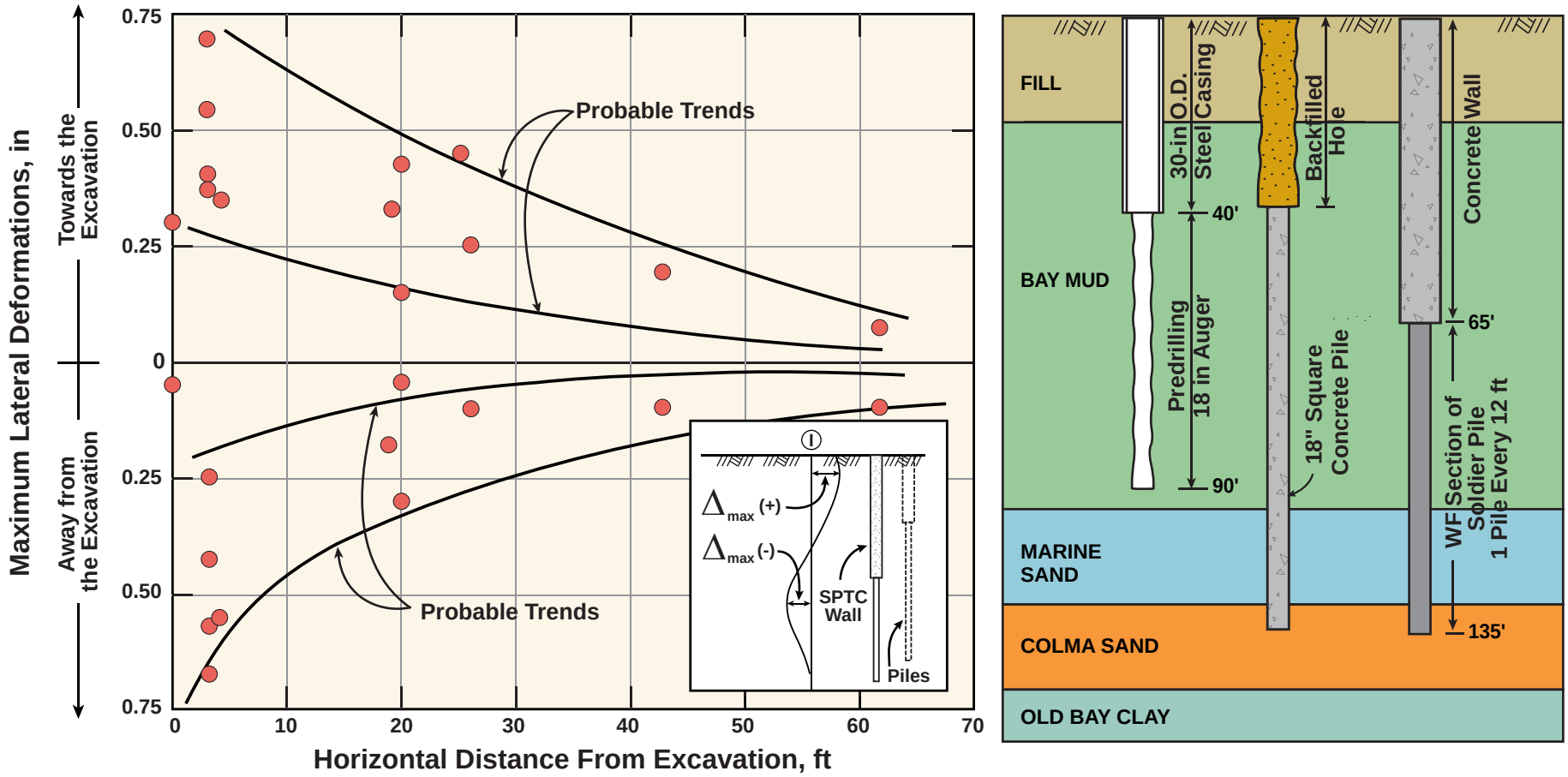

FIG_184 : Maximum Lateral Deformations Versus Distance From Excavation: Effects Of Pile Driving with Long Followers

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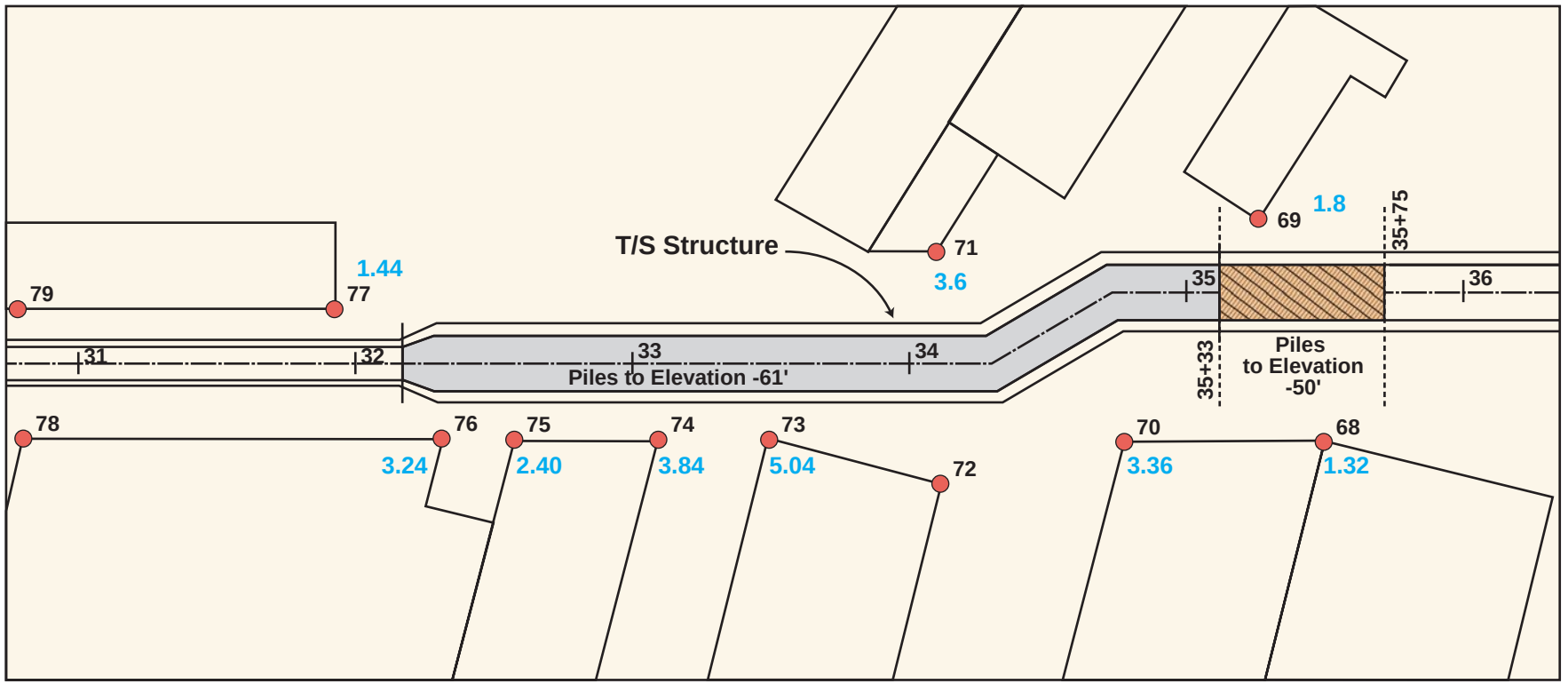

Notes: 1. Settlements Measured in Inches

FIG_184A : Excavation-induced Settlements

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS (165-1991)\FIG_184A

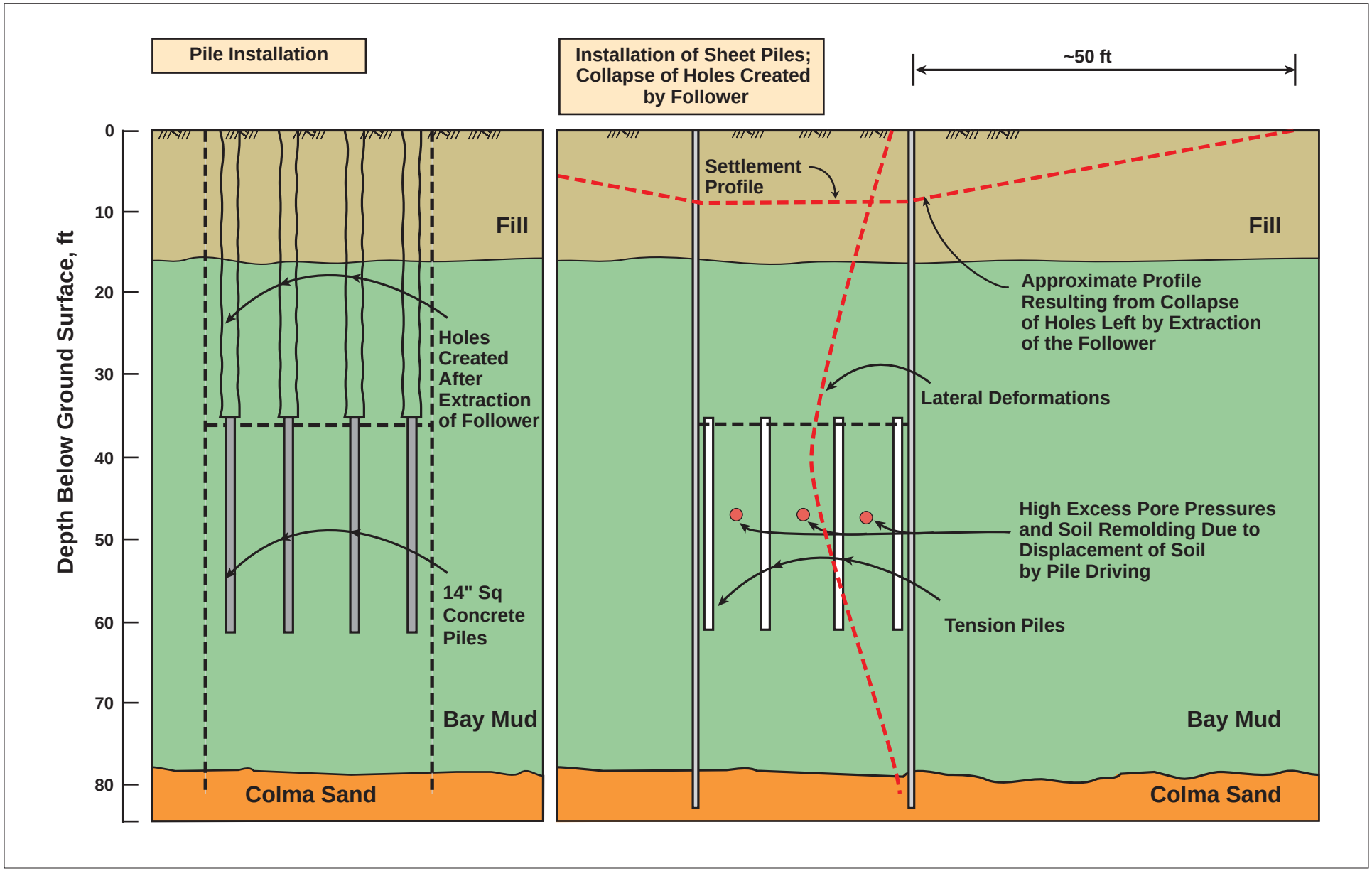

FIG_185 : Settlements and Lateral Deformations Caused by Pile Driving Using Long Followers

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS (165-1991)\FIG_185

FIG_186 : Example of Follower Used for Pile Driving

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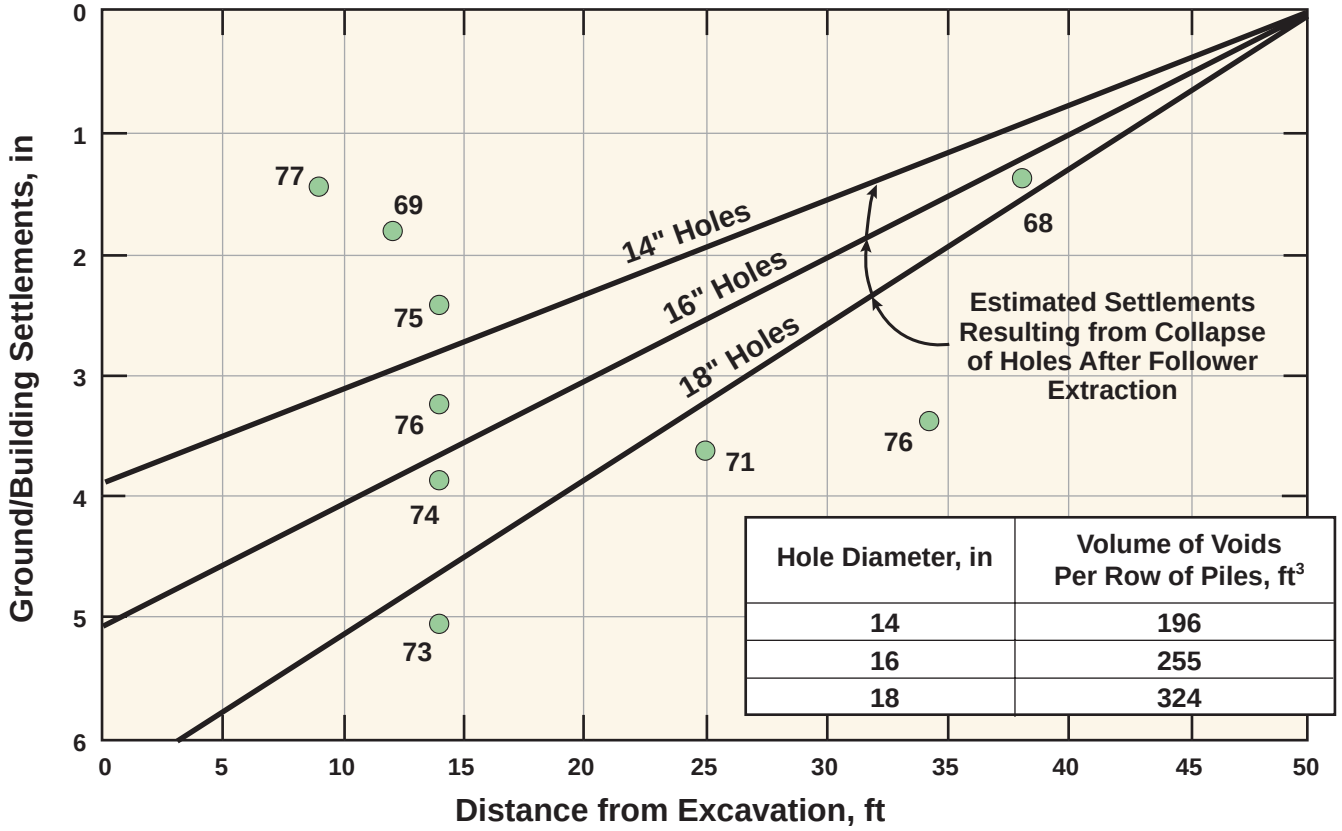

Hole Diameter, in	Volume of Voids Per Row of Piles, ft^3
14	196
16	255
18	324

FIG_187: Evaluation of Settlement Caused by Pile Driving Using Long Followers

W:\Infrastructure\Geotech\UC Berkeley 2008 Seminar\Final Figures\08 PILES WITH FOLLOWERS (165-1991)\\FIG_187

FIG_188 : First Strut Above Grade

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FIG_188 : Islais Creek Contract C Excavation - First Strut Above Grade

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Photo to be added

Photo to be added

FIG_189 : General View of Excavation

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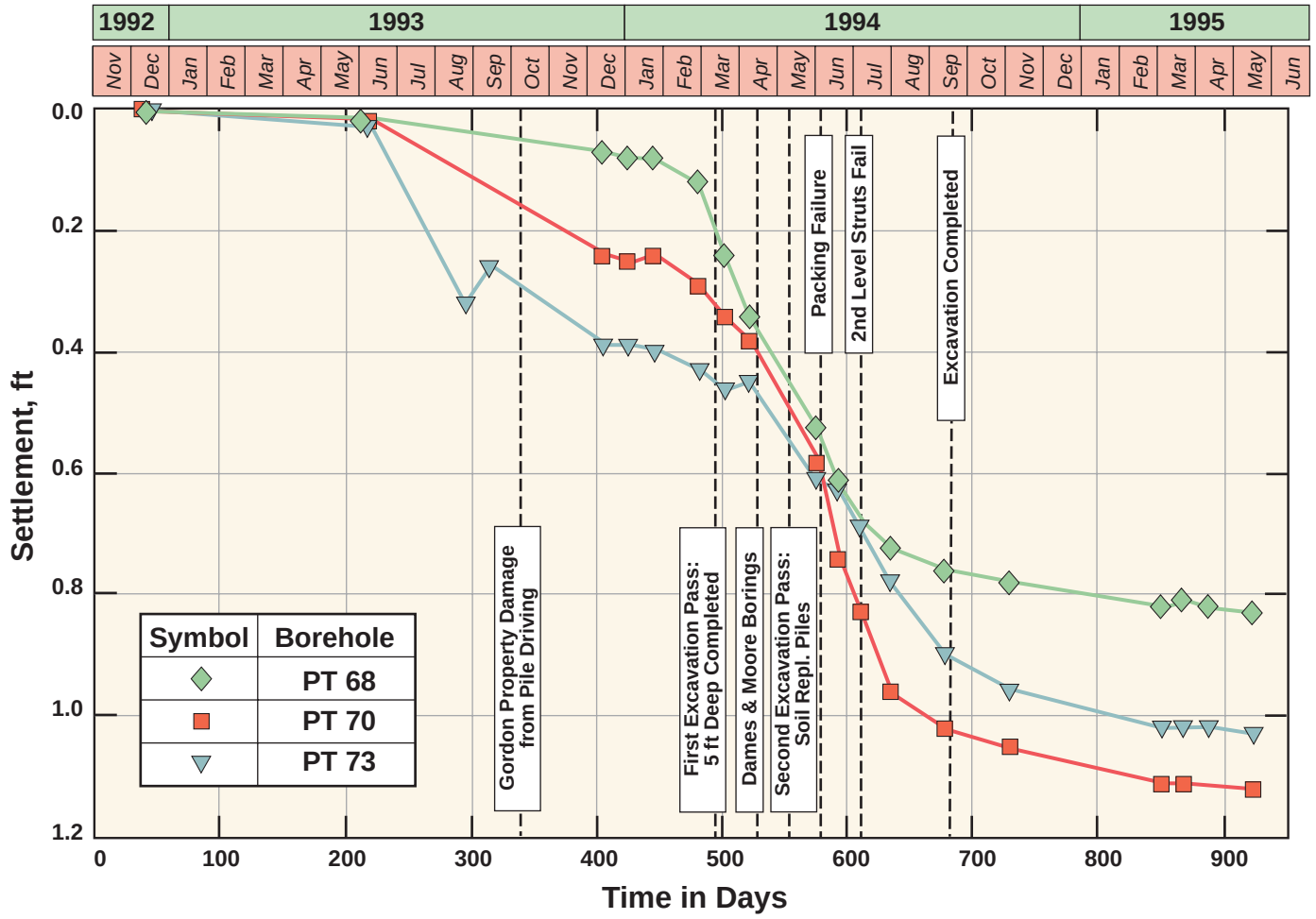

FIG_190 : Settlements Of Neil Gordon Property Vs. Time

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FIG_191 : Buckling of Strut at Second Level

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