

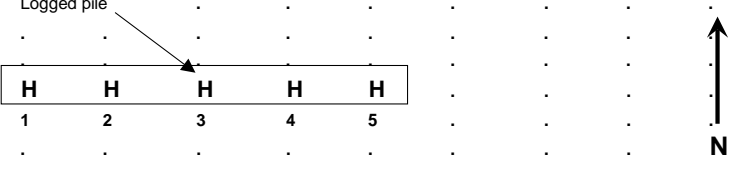


ENGLISH LOG OF PILING DRIVEN WITH WAVE EQUATION

Project No. Anybody's Guess **County** Someplace in Iowa **Design No.** 389 **Contractor** Somebody Construction Co.
Driving Graph No. 40-306-01-755 **Plan Driving Resistance** 40 Tons
Station of Foundation C.L. 1336+88.40
Pile (Type and Size) Steel HP 10 x 42 (Wood, Steel or Concrete)
Hammer (Type & Model) Delmag D-12 (Gravity or Diesel manufacturer and model)
Foundation Description North Abutment (North abut, Pier 1, etc.)

Sketch foundation below, number each pile and show steel H-pile orientation as installed. Note battered piles on sketch, and give the amount of batter. Place name and certificate number of welder below if welding was necessary. Forward copies, including driving graph, as outlined in the construction manual. Note on drawing which pile has been logged.

Batter Piling _____ in the direction shown.



H H H H H
 1 2 3 4 5

↑
N

Pile No.	Date Driven	(1) Plan Length (ft.)	Length Cutoff (0.0 ft.)	Blows Per Foot	Ram Rise (ft.)	Driven Resistance (Tons)	RETAP (2)				PILE EXTENSIONS (3)					Welds (Count)	
							Date	Ram Rise (ft.)	Blows Per Foot	Driven Resistance (Tons)	Length Added (0.0 ft.)	Length Cutoff (0.0 ft.)	Ram Rise (ft.)	Blows Per Foot	Driven Resistance (Tons)		
3	01/05/06	25.0		6	4.5	10											
		30.0		8	4.5	13											
		35.0		9	4.5	14											
		40.0		12	4.5	17											
		45.0		16	5.0	20											
		50.0		24	5.0	28											
		55.0		30	5.0	30											
		56.0		32	5.0	31											
		57.0		35	5.0	34											
		58.0		37	5.0	36											
		59.0		38	5.0	39											
		60.0	0.8	40	5.0	42											

Total Welds: 1

- (1) Record in the Remarks section below if the pile length is anything other than the plan length at the beginning of drive.
- (2) Indicate date of retap in date column (1 day delay min.). List only pile actually checked.
- (3) Additional pile length to be authorized by Construction Office.

Plan Length: _____ Feet
 Extensions: _____ Feet

Welders Name: _____ Lab No.: _____ Exp. Date: _____ Total: _____ Feet
 Remarks: _____

_____ Inspector _____ Date _____ Project Engineer