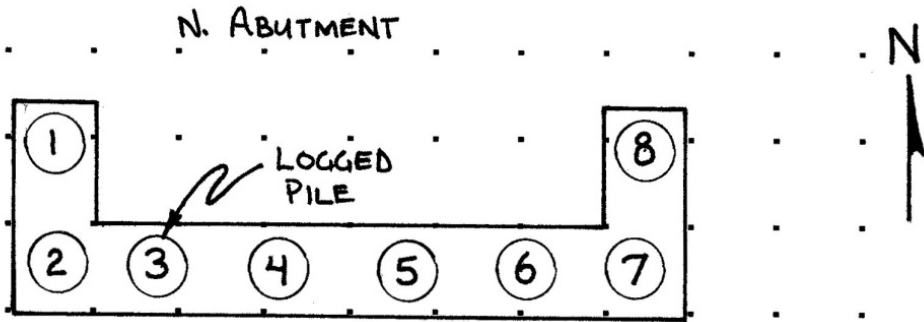


ENGLISH LOG OF PILING DRIVEN WITH WAVE EQUATION

Project No. ANYBODY'S GUESS  
 County SOMEPLACE IN IOWA  
 Design No. 389  
 Location of Foundation Centerline 1336+88.40  
 Location NORTH ABUTMENT  
(Abutment or Pier)  
 Contractor SOMEBODY CONST. CO.  
 Driving Graph No. 40-0389-1-755

Type of Piling HP 10 x 42  
(Wood, or Steel Size & Type, or Concrete Size & Type)  
 Hammer (Model & Type) DELMAG D12  
(Gravity or Diesel)  
 Plan Tip Elevation 1083 ft.  
 Plan Driving Resistance 40 tons  
 Observed Blows/Min. 49-50  
 Hammer Energy 22.5 ft.-Kips.

Sketch foundation below. Locate each pile by circles with numbers therein. 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 as outlined in the construction manual. Note on drawing which pile has been logged.



Pile No.	Date Driven	Length in leads Nearest Foot	Length Cutoff (0.0 ft.)	Length in Structure (0.0 ft.) <sup>①</sup>	Blows per Foot	Ram Rise (ft.)	Driven Resistance (Tons)	RETAP <sup>②</sup>			PILE EXTENSIONS <sup>③</sup>			WELDS (Count)		
								Date	Ram Rise (ft.)	Blows per Foot	Driven Resistance (Tons)	Length Added (ft.)	Length Cutoff (0.0 ft.)		in Structure (0.0 ft.) <sup>①</sup>	
1	X-XX-XX	60	-	-	33	5.0	31		5.0	35	33	10.0	3.0	67.0	1	
2	)	60	0.0	60.0	35	5.0	33		5.5	40	46				OK - BY RETAP	
3		60	0.0	60.0	40	5.0	42									
4		60	1.8	58.2	70	6.0	53									
5		60	2.6	57.4	74	6.0	54									
6		60	2.7	57.3	78	6.5	66									
7		60	5.8	54.2	80	6.5	68									
8		X-XX-XX	60	7.2	52.8	90	6.5	74								
		480	20.1	399.9												
		+ 10	3.0	67.0	FROM EXTENSION											
<b>TOTAL</b>		<b>490</b>	<b>23.1</b>	<b>466.9</b>												
											<b>LENGTH IN STRUCTURE</b>		<b>466.9'</b>			
											<b>CUTOFFS ≤ 5'</b>		<b>10.1'</b>			
											<b>(CUTOFFS &gt; 5' (13.0' x 0.50))</b>		<b>6.5'</b>			
											<b>FURNISH LENGTH</b>		<b>483.5'</b>			

WELDER'S NAME -  
 LAB No. -  
 SDRS No. -  
 EXP. DATE -

Total Welds: 1

- ① For trestle pile, give length in ground plus length in structure.
- 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.

Welder's Name \_\_\_\_\_ Lab No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Remarks \_\_\_\_\_

Length In Structure: \_\_\_\_\_ Feet  
 Cutoffs 5.0' & Under: \_\_\_\_\_ Feet  
 Cutoffs over 5.0' x 0.50: \_\_\_\_\_ Feet  
 Finished Length: \_\_\_\_\_ Feet

INSPECTOR & DATE

PROJECT ENGINEER