



RECORD OF PILE DRIVING

Client: St. Tammany Fire Protection District No. 1

Contractor: Dynamic Constructors, LLC

Project: Fire Station No. 10 Slidell, LA

Driven by: Osborne Pile Driving

Work Order No: 57923

Project No: C26-024

Report Date: 21 May 20

The piles were 30 feet long small treated timber piles conforming to ASTM D-25 having a minimum 6- inch tip diameter and 8- inch butt diameter. The piles were driven utilizing a Junttan HHK hydraulic activated hammer set to deliver approximately 7,500 ft.-lbs. of energy per blow. The Pile driving records are as follows:

Pile No.	235	223	150	200	159	190	149	199	148	189
Tip dia., in	6	6	6.5	6	6	6	6.5	7	6	6
Butt dia., in	8	8	8	8	8	8	8	10	8.5	9
Length of pile, ft.	30	30	30	30	30	30	30	30	30	30
PENETRATION IN FEET										
	BLOWS PER FOOT									
0 - 10	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH
11	↓	3	5	T	10	6	5	6	7	4
12	↓	4	8	2	10	11	6	8	↓	15
13	6	2	7	23	12	26	15	11	110	110
14	4	13	1904"	1808"	1905"		21	1706"	1903"	19
15	21	1803"								22
16										
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Technician T.C.

Remarks: The piles were pre-drilled to a depth of 9 feet utilizing a 4 inch diameter bit.

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 Report Date: 21 May 26

The piles were 30 feet long small treated timber piles conforming to ASTM D-25 having a minimum 6- inch tip diameter and 8- inch butt diameter. The piles were driven utilizing a Junttan HHK hydraulic activated hammer set to deliver approximately 7,500 ft.-lbs. of energy per blow. The Pile driving records are as follows:

Pile No.	158	157	198	188	176	175	174	173	172	171
Tip dia., in	6	6	6	6	6	6	6	6	6	6
Butt dia., in	8	8	8	8	8	8	8	8	8	8
Length of pile, ft.	30	30	30	30	30	30	30	30	30	30
PENETRATION IN FEET										
	BLOWS PER FOOT									
0 - 10	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH
11	2	4	6	4	3	3	19	10	8	12
12	10	3	17	12	6	8	17	8	12	17
13	19	18	19	16	10	15	18.6"	19	18	15
14	24	24	19.4"	18.6"	19.3"	21		20	20	19
15								21	20	
16										
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Pile No.	156	170	169	197	187	168	167	166	155	165
Tip dia., in	6	6	6	6	6.5	6	7	6	6	7
Butt dia., in	8	8	8	8	8.5	8	9	8	8.5	9.5
Length of pile, ft.	30	30	30	30	30	30	30	30	30	30

PENETRATION IN FEET	BLOWS PER FOOT									
	0 - 10	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH
11	2	3	4	7	3	4	1	2	11	5
12	3	4	6	13	7	8	5	15	9	6
13	4	10	18	17	20	14	7	5	10	7
14	10	13	20	19.6"	17	21	19	20	21	19
15	21	17.6"			21	18.6"	20			
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Pile No.	196	186	164	163	162	161	195	154	185	160
Tip dia., in	6	7	4	6	6	6	6	6	6	6
Butt dia., in	8	9	8	8	8	8	8	8	8	8
Length of pile, ft.	30	30	30	30	30	30	30	30	30	30
PENETRATION IN FEET										
	BLOWS PER FOOT									
0 - 10	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH
11	4	4	2	7	4	2	1	2	4	4
12	4	14	7	4	15	12	7	5	3	12
13	10	6	12	12	8	17	10	4	12	16
14	17	21	8	22	21	18.6"	5	18	9	19.6"
15	1.806"		20				1.7	18.05"	16	
16							19.6"		19	
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Pile No.	194	184	153	183	193	182	152	181	192	180
Tip dia., in	6	6	6	7	7	6	6	6	6	6
Butt dia., in	8	8	8	9	9	8	8	8	8	8
Length of pile, ft.	30	30	30	30	30	30	30	30	30	30
PENETRATION IN FEET										
	BLOWS PER FOOT									
0 - 10	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH	WOH
11	2	4	1	2	5	2	1	2	2	2
12	3	7	4	1	6	10	2	4	3	4
13	7	11	10	3	6	8	2	6	4	4
14	12	7	12	4	7	6	3	4	5	5
15	6	17	1807"	7	6	4	4	5	6	10
16	19	20		6	5	3	6	5	5	9
17				5	4	4	2	4	5	8
18				7	4	3	3	4	4	4
19				8	5	3	3	4	4	4
20				5	5	3	3	3	3	6
21				6	4	4	2	3	3	5
22				6	5	6	3	3	3	3
23				6	5	4	3	2	3	3
24				5	5	4	5	3	4	4
25				3	4	4	5	3	3	3
26				4	3	3	4	4	4	3
27				3	4	4	5	3	4	4
28				3	4	4	5	3	5	4
29				4	4	5	6	4	6	5
30				4	4	5	6	4	6	5
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Pile No.	179	178	151	177	191	143 R	234	233	232	231
Tip dia., in	6	6	6	6	6	6	6	6	6	6
Butt dia., in	8	8	8	8	8	8	8	8	8	8
Length of pile, ft.	30	30	30	30	30	30	30	30	30	30
PENETRATION IN FEET										
	BLOWS PER FOOT									
0 - 10	woH	woH	woH	woH	woH	woH	woH	woH	woH	woH
11	2	3	5	1	2	3	2	2	3	4
12	6	1	3	4	1	7	4	6	5	6
13	6	2	4	5	3	3	6	5	18	14
14	8	5	2	4	3	13	3	8	7	10
15	6	5	2	4	3	18	18	20	23	19
16	3	6	2	5	4	19@3"	19@6"			
17	3	6	3	5	4					
18	5	6	8	6	1					
19	4	8	8	5	3					
20	3	6	7	4	5					
21	5	7	7	4	4					
22	4	7	8	4	4					
23	5	8	4	7	6					
24	5	7	4	4	4					
25	4	4	4	7	5					
26	6	1	6	8	4					
27	6	1	7	7	4					
28	3	2	3	7	3					
29	4	3	3	7	7					
30	5	4	4	7	7					
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Pile No.	230	239	222	218	217	216	215	214	213	204
Tip dia., in	6	6	7	6	7	6.5	6	6	6	6
Butt dia., in	8	8	10	8	9	8.5	8	8	8	8.5
Length of pile, ft.	30	30	30	30	30	30	30	30	30	30
PENETRATION IN FEET										
	BLOWS PER FOOT									
0 - 10	woH	woH	woH	woH	woH	woH	woH	woH	woH	woH
11	2	4	5	6	1	3	5	4	1	4
12	4	3	5	7	4	3	10	7	2	12
13	5	4	8	15	9	9	17	4	4	10
14	4	4	10	12	4	6	19	20	19	17
15	9	18@4"	17@3"	20	18@6"	17@3"	17@3"	18@6"	20	19@6"
16	19@3"									
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Pile No.	263	262							
Tip dia., in	6	6							
Butt dia., in	8	8							
Length of pile, ft.	30	30							
PENETRATION IN FEET			BLOWS PER FOOT						
0 - 10	8	4							
11	6	7							
12	7	5							
13	16	12							
14	190G"	180G"							
15									
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 Technician T.C.

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Pile 262 broke at 13 feet 6 inches of penetration.