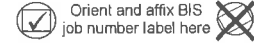




TR5H: Technical Report
Helical Pile Installation
Must be typewritten.



Sheet number 1 of 2 sheets

1 Location Information *Required for all applications.*

House No(s) 163 Street Name Bayside Ave.

Borough Queens Block 16350 Lot 50 BIN 4529933 CB No. 414

2 Applicant Information *Required for all applications.*

Last Name EL Said First Name Hatim Middle Initial

Business Name CSA Group Business Telephone (212) 677-0777

Business Address 55 Broadway St 14th Fl Business Fax

City New York State NY Zip 10006 Mobile Telephone

E-Mail License Number 090814

☒ P.E. ☐ R.A.

3 Helical Pile Installation Contractor *Required for all applications.*

Last Name Maloney First Name Dennis Middle Initial P.

Business Name Malbro Construction Services Inc. Business Telephone (718) 318-8217

Business Address 213-12 Rockaway Point Blvd. Business Fax

City Breezy Point State NY Zip 11697 Mobile Telephone

4 Helical Pile Information *Required for all applications.*

ICC-ESR #: 1559

Eval. Report #: Catalog #2.5-40L07-8-10-12

ICC-ESR Date: 12/2016

Eval Report Exp. Date: 12/2018

Manufacturer Name: Cantsink

Load Capacity: 15 tons

Eval. Report Issuer: ICC

Specified Torque: 6000 ft. Lbs.

5 Torque Indicator Information *Required for all applications.*

Make Nanuk

Model Number 904

Specified Torque Cal. Date 09/22/2017

6 Statements and Signatures *Required for all applications.*

I hereby state that the above information is correct and complete to the best of my knowledge and that the above tests were performed in accordance with all Administrative Code Provisions and Departmental Rules, Regulations and Directives.

Falsification of any statement is a misdemeanor and is punishable by a fine or imprisonment, or both.

It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

Name (please print)

Hatim Elsaid

Signature

Date

P.E. / R.A. Seal (apply seal, then sign and date over seal)



TR5H

PAGE 2

7 Test Report														
Column Number	Pile Number	Diameters:					Elevations		Pile Length from Tip to Cutoff	Assumed Elevation Good Bearing Material	Average Net Final Torque Blow (Inches/ Blow)	Calculated Bearing Capacity (Tons)	Deviated from De- signed Location (N or S, E or W)	Variation from Plumb
		Shaft	Lead PL	PL2	PL3	PL4	Tip	Cutoff						
	1	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-29' 3"	2' 9"	32'	-29' 3"	5600	10.1		
	2	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	5700	10.3		
	3	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	5600	10.1		
	4	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	5800	10.4		
	5	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	5900	10.6		
	6	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	5900	10.6		
	7	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	5900	10.6	0	
	8	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	5500	9.9	0	0
	9	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	3000		0	0
	10	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	3000		0	0
	11	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	5000		0	0
	12	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	5000		0	0
	13	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	5000		0	0
	14	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	5000		0	0
	15	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-29' 3"	2' 9"	32'	-29' 3"	5000		0	0
	16	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	5000		0	0
	17	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-24' 3"	2' 9"	27'	-24' 3"	5000		0	0
	18	2 7/8"	2 7/8"	2 7/8"	2 7/8"	2 7/8"	-29' 3"	2' 9"	32'	-29' 3"	5000		0	0
8 Remarks														

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TR5H

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7	Test Report
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[illegible]

8	Remarks
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