



TR5H: Technical Report
Helical Pile Installation
Must be typewritten.

DEPT BLDGS Job No. 420658611
Scan Code ESHS6748748

Sheet number 1 of 3 sheets

1 Location Information *Required for all applications.*

House No(s) 46 Street Name West 15th Road
Borough Queens Block 15320 Lot 8 BIN 4297124 CB No. 414

2 Applicant Information *Required for all applications.*

Last Name Nantista First Name Vincent Middle Initial
Business Name Soil Mechanics Drilling Corp. Business Telephone (516) 221-2333
Business Address 3770 Merrick Road Business Fax (516) 679-4373
City Seaford State NY Zip 11783 Mobile Telephone
E-Mail soilmechanicsdraft@earthlink.net License Number 43097
☐ E. ☐ R.A.

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

Last Name Pensa First Name Leo Middle Initial
Business Name FSR Business Telephone (516) 221-2333
Business Address 94 Gardiners Avenue Business Fax (516) 221-2822
City Levittown State NY Zip 11756 Mobile Telephone

4 Helical Pile Information *Required for all applications.*

ICC-ESR #: 3032	Eval. Report #: ESR-3032
ICC-ESR Date: 8/1/2016	Eval Report Exp. Date: 8/1/2017
Manufacturer Name: Maclean Dixie	Load Capacity: 10 tons
Eval. Report Issuer: ECC ES Evaluation Service	Specified Torque: 6000

5 Torque Indicator Information *Required for all applications.*

Make Pro Dig
Model Number 10K
Specified Torque Cal. Date 7/1/2016

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) Vincent Nantista, P.E. 6-9-17

Signature Date

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

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)	Deviation from Designed Location (N or S, E or W)	Variation from Plumb
		Shaft	Lead PL	PL2	PL3	PL4	Tip Cutoff						
	1P	2.875"	10	12	14	0	-12.05 0.000	12.050	0.00	6185.00	10	< 3 inches	< 4.0%
	2P	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6105.00	10	< 3 inches	< 4.0%
	3P	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6048.00	10	< 3 inches	< 4.0%
	4P	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6177.00	10	< 3 inches	< 4.0%
	5P	2.875"	10	12	14	0	-12.05 0.000	12.050	0.00	6185.00	10	< 3 inches	< 4.0%
	6P	2.875"	10	12	14	0	-12.05 0.000	12.050	0.00	5988.00	10	< 3 inches	< 4.0%
	1	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6019.00	10	< 3 inches	< 4.0%
	2	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6215.00	10	< 3 inches	< 4.0%
	3	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6144.00	10	< 3 inches	< 4.0%
	4	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6364.00	10	< 3 inches	< 4.0%
	5	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6262.00	10	< 3 inches	< 4.0%
	6	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6144.00	10	< 3 inches	< 4.0%
	7	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6293.00	10	< 3 inches	< 4.0%
	8	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6169.00	10	< 3 inches	< 4.0%
	9	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6264.00	10	< 3 inches	< 4.0%
	10	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6315.00	10	< 3 inches	< 4.0%
	11	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6185.00	10	< 3 inches	< 4.0%
	12	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6392.00	10	< 3 inches	< 4.0%
	13	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6304.00	10	< 3 inches	< 4.0%
	14	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6396.00	10	< 3 inches	< 4.0%
	15	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6470.00	10	< 3 inches	< 4.0%
	16	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6431.00	10	< 3 inches	< 4.0%
	17	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6450.00	10	< 3 inches	< 4.0%
	18	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6059.00	10	< 3 inches	< 4.0%
	19	2.875"	10	12	14	0	-16.05 0.000	16.050	0.00	6270.00	10	< 3 inches	< 4.0%

8 Remarks



