



TR5: Technical Report
Pile Driving
Must be typewritten.

☒ Orient and affix BIS job number label here ☒

Sheet number _____ of _____ sheets

1 Location Information Required for all applications.

House No(s) 273 Street Name Mother Gaston Blvd

Borough Brooklyn Block 3692 Lot 15 BIN 3083600 CB No. 316

2 Applicant Information Required for all applications.

Last Name Walters First Name Oscar Middle Initial P

Business Name Demerara Engineering, PLLC Business Telephone 212-383-4897

Business Address 37-24 24th Street, Suite 140 Business Fax

City LIC State NY Zip 11101 Mobile Telephone

E-Mail Owalters@DemeraraEng.com License Number 068504

☒ P.E. ☐ R.A.

3 Pile Driving Contractor Required for all applications.

Last Name Fox First Name Brian Middle Initial

Business Name The Presscrete Co. Inc Business Telephone (908)757-8600

Business Address 128 Oaktree Avenue Business Fax (908)757-8613

City So. Plainfield State NJ Zip 07080 Mobile Telephone

4 Pile Information Required for all applications.

Type Micropile

Material 7.6" dia cas. /2" dia bar/5000 psi conc

Load Capacity 30 tons

5 Hammer Information Required for all applications.

Make Casagrande

Model Number M6

Energy N/A

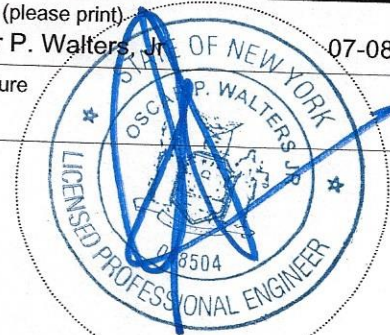
6 Statements and Signatures Required for all applications.

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) Oscar P. Walters, Jr. 07-08-2020
Signature _____ Date _____



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

Approvals - Internal Use Only			
Examined and Recommended for Approval		Approved	
Examiner Name		Borough Commissioner Signature	Date
Signature	Date		

7 Test Report

Column Number	Pile Number	Diameters:			Elevations		Pile Length from Tip to Cutoff	Assumed Elevation Good Bearing Material	Average Net Penetration for Last Five Blows (Inches/Blow)	Calculated Bearing Capacity (Tons)	Deviated from Designed Location (N or S, E or W)	Variation from Plumb
		Tip	Cutoff	2/3 up from Tip	Tip	Cutoff						
N/A	1	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"
N/A	2	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"
N/A	3	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"
N/A	4	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"
N/A	5	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"
N/A	6	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"
N/A	7	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"
N/A	8	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"
N/A	9	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"
N/A	10	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"
N/A	11	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"
N/A	12	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"
N/A	13	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"
N/A	14	6.5"	7.625"	6.5"	+ 50.36 ft	+ 25.36 ft	35 ft	+39.4 ft	N/A	3 TSF	< 3"	< 2"

8 Remarks

1. Column Number - All piles support bearing walls. There are no columns.
2. All piles are drilled Presscrete micro piles.