

PROJECT NAME:

101 LINCOLN AVENUE
BRONX, NEW YORK

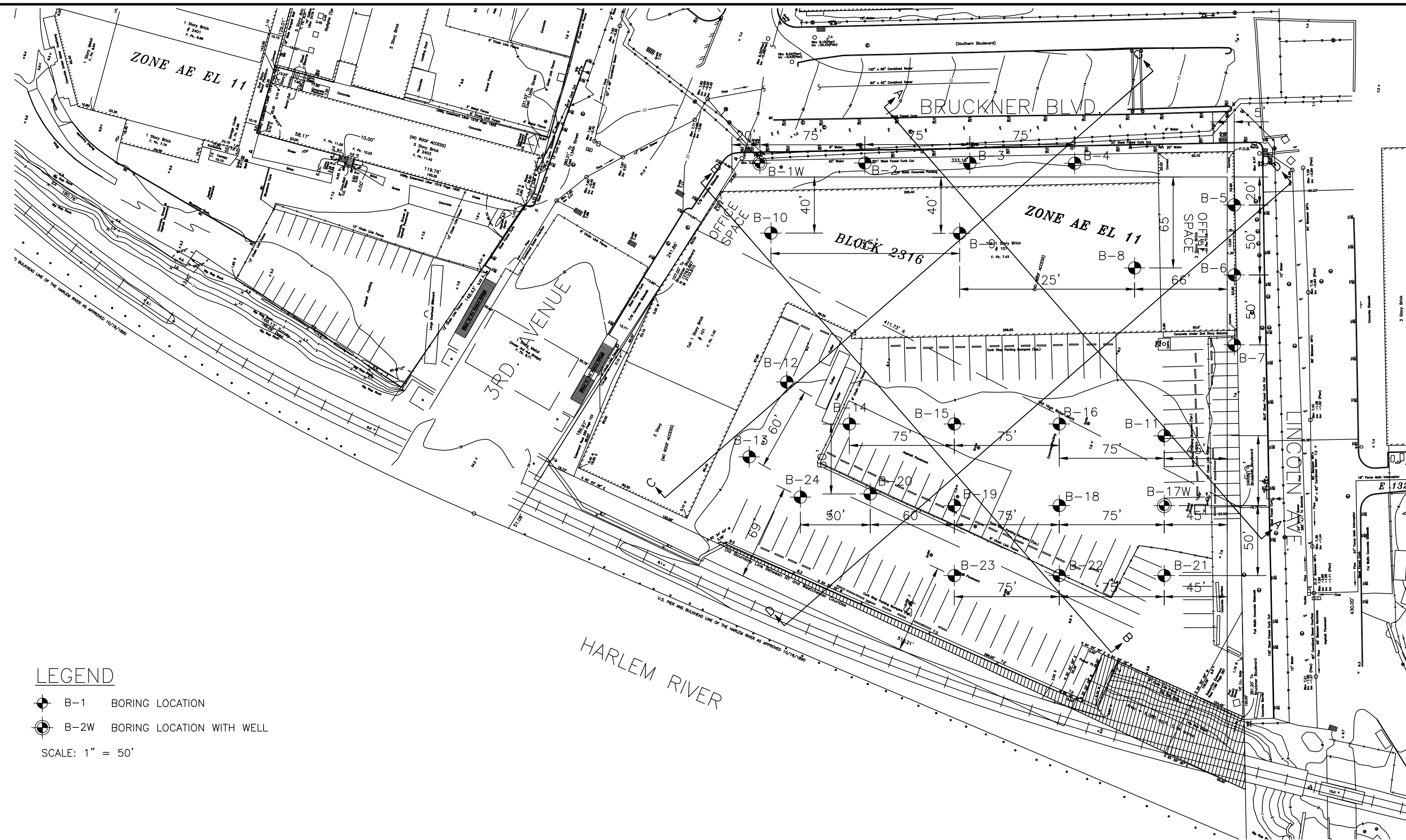
CLIENT NAME:

NY DEVELOPERS & MANAGEMENT
1825 65TH STREET
BROOKLYN, NEW YORK

GEOTECHNICAL ENGINEER:

PILLORI ASSOCIATES, P.A.
Geotechnical Engineering

71 Route 95
Laurel Harbor, New Jersey 08679
Tel. 732.335.0059 Fax. 732.335.8515
333 Meadows Parkway, Suite 102
Secaucus, New Jersey 07096
Tel. 201.558.0065 Fax. 201.558.1427
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LEGEND

- ⊕ B-1 BORING LOCATION
 - ⊕ B-2W BORING LOCATION WITH WELL
- SCALE: 1" = 50'

Project: 101 Lincoln Avenue Bronx, New York 10454				Boring No.: B-1W			
Date: 09/14/2015 to 9/15/2015				Sheet: 1 of 2			
Contractor: Warren George, Inc.				Ground El: 7.8			
				Groundwater Depth: 7.1'			
Depth Feet	SAMPLES		Strata	SOIL DESCRIPTION	Classification Depth Elevation		
	Number	Blows / 6"					
5	S-1	12-10-6-8	F	FILL: Black coarse to fine Sand, little Silt, little medium to fine Gravel with brick, glass, and asphalt fragments	FILL (7)		
	S-2	6-6-4-13		FILL: Red-brown coarse to fine Sand, little Silt with brick fragments	8'-0" -0.2		
10	S-3	12-3-3-3	G _A	Red-brown coarse to fine Sand, trace Silt, little medium to fine Gravel	SW (3b)		
15	S-4	7-6-7-7					
20	S-5	7-6-5-5					
25	S-6	11-8-8-7					
30	S-7	7-5-5-6					
35	S-8	4-5-6-6					
40	S-9	6-7-8-9				Grayish brown fine Sand, little Silt	SM (3b)
45	S-10	5-6-8-9				Gray to brown coarse to fine Sand, trace Silt, little fine Gravel	SW (3b)
50	S-11	8-10-11-11					

PILLORI ASSOCIATES, P.A. Geotechnical Engineering

Project No.: 150303

Project: 101 Lincoln Avenue Bronx, New York 10454				Boring No.: B-1W	
Date: 09/14/2015 to 09/15/2015				Sheet: 2 of 2	
Contractor: Warren George, Inc.				Ground El: 7.8	
				Groundwater Depth: 7.1'	
Depth Feet	SAMPLES		Strata	SOIL DESCRIPTION	Classification Depth Elevation
	Number	Blows / 6"			
55	S-11	8-10-11-11	G _A	Gray to brown coarse to fine Sand, trace Silt, little fine Gravel	SW (3b)
60	S-12	10-14-13-14			
65	S-13	11-17-20-23		Gray to brown coarse to fine Sand, trace Silt, trace fine Gravel	SW (3a)
70	S-14	27-21-27-25			
75	S-15	25-21-27-25		Brown to gray medium to fine Sand, trace Silt	SP (3a)
80	S-16	26-31-32-43			
85	S-17	22-32-36-40		Red-brown Clayey Silt	ML (5a)
90				End of Boring	82'-0" -74.2

PILLORI ASSOCIATES, P.A. Geotechnical Engineering

Project No.: 150303

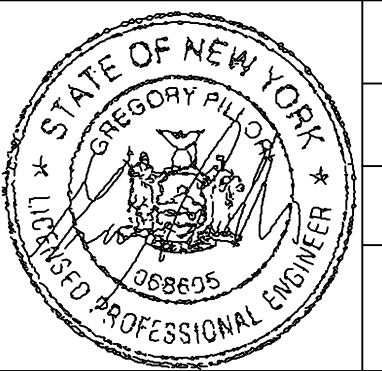
No.	DRAWINGS/REVISIONS	DATE

DRILL RIG TYPE: TRUCK MOUNTED
 DRILLING METHOD: ROTARY
 SAMPLE HAMMER WEIGHT: 140 LBS.
 CASING HAMMER WEIGHT: 300 LBS.
 CASING DIAMETER: 4"
 SAMPLER DIAMETER: 2"

DRAWING TITLE:
**BORING LOCATION PLAN
BORING B-1W**

DRAWN	CHECKED	REVIEWED
JG	ERK	GP

DATE: 10/20/2015
 SCALE: AS NOTED
 JOB NO: 150303
 DRAWING No: **B-001.00**
 SHEET 1 OF 12



PROJECT NAME:

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BRONX, NEW YORK

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email - office@pilloriassociates.com

No. DRAWINGS/REVISIONS DATE

DRILL RIG TYPE: TRUCK MOUNTED
DRILLING METHOD: ROTARY
SAMPLE HAMMER WEIGHT: 140 LBS.
CASING HAMMER WEIGHT: 300 LBS.
CASING DIAMETER: 4"
SAMPLER DIAMETER: 2"

DRAWING TITLE:

BORINGS B-2 TO B-4

DRAWN: JG CHECKED: ERK REVIEWED: GP

DATE: 10/20/2015

SCALE: AS NOTED

JOB NO: 150303

DRAWING No: B-02.00

SHEET 2 OF 12

Project: **101 Lincoln Avenue** Boring No.: **B-2**
Bronx, New York 10454 Sheet: 1 of 2
Date: 09/02/2015 Ground El: 8.0
Contractor: Warren George, Inc. Groundwater Depth: NA

Depth Feet	SAMPLES			SOIL DESCRIPTION	Classification Depth Elevation
	Number	Blows / 6"	Strata		
5	S-1	2-5-3-8	F	FILL: Black coarse to fine Sand, little Silt, and fine Gravel with brick, cinder, and asphalt fragments	FILL (7)
5	S-2	4-4-7-7		FILL: Tan fine Sand, little Silt, little fine Gravel	
10	S-3	6-8-6-6	G _A	Tan fine Sand, trace Silt	SP (3b)
15	S-4	10-8-8-10		Brown coarse to fine Sand, and fine Gravel, trace Silt	SW (3b)
20	S-5	9-8-9-8			
25	S-6	8-19-16-12			
30	S-7	10-10-9-7			
35	S-8	15-14-8-11			
40	S-9	7-9-11-9			
45	S-10	8-5-4-5			
50	S-11	6-7-7-11			

PILLORI ASSOCIATES, P.A. Geotechnical Engineering Project No.: 150303

Project: **101 Lincoln Avenue** Boring No.: **B-2**
Bronx, New York 10454 Sheet: 2 of 2
Date: 09/02/2015 Ground El: 8.0
Contractor: Warren George, Inc. Groundwater Depth: NA

Depth Feet	SAMPLES			SOIL DESCRIPTION	Classification Depth Elevation
	Number	Blows / 6"	Strata		
55	S-11	6-7-7-11	G _A	Brown coarse to fine Sand, and fine Gravel, trace Silt	SW (3b)
55	S-12	10-19-24-33		Gray to brown medium to fine Sand, trace Silt	SP (3a)
60	S-13	5-15-21-22		Gray coarse to fine Sand, trace Silt, trace fine Gravel	SW (3a)
65	S-14	8-13-19-18		Gray fine Sand, trace Silt	SP (3a)
70	S-15	8-15-33-38		Brown fine Sand, trace Silt	SW (3a)
75	S-16	8-23-50-100/3"		Brown coarse to fine Sand, trace Silt	SW (3a)
80				End of Boring	

PILLORI ASSOCIATES, P.A. Geotechnical Engineering Project No.: 150303

Project: **101 Lincoln Avenue** Boring No.: **B-3**
Bronx, New York 10454 Sheet: 1 of 2
Date: 09/01/2015 Ground El: 8.0
Contractor: Warren George, Inc. Groundwater Depth: NA

Depth Feet	SAMPLES			SOIL DESCRIPTION	Classification Depth Elevation		
	Number	Blows / 6"	Strata				
5	S-1	6-3-4-4	G _A	FILL: Brown medium to fine Sand, trace Silt, little fine Gravel with miscellaneous fill	FILL (7)		
5	S-2	10-7-4-4		Tan medium to fine Sand, trace Silt	SP (3b)		
10	S-3	4-4-5-5		Brown medium to fine Sand, trace Silt	SP (6)		
15	S-4	2-3-3-3					
20	S-5	3-4-2-4					
25	S-6	3-3-3-4				Brown coarse to fine Sand, trace Silt	SW (6)
30	S-7	5-5-6-8				Brown coarse to fine Sand, trace Silt	SW (3b)
35	S-8	6-7-7-7					
40	S-9	12-10-9-10					
45	S-10	9-7-8-9				Tan coarse to fine Gravel, and medium to fine Gravel, trace Silt	GW (2b)
50	S-11	9-7-11-12					

PILLORI ASSOCIATES, P.A. Geotechnical Engineering Project No.: 150303

Project: **101 Lincoln Avenue** Boring No.: **B-3**
Bronx, New York 10454 Sheet: 2 of 2
Date: 09/01/2015 Ground El: 8.0
Contractor: Warren George, Inc. Groundwater Depth: NA

Depth Feet	SAMPLES			SOIL DESCRIPTION	Classification Depth Elevation
	Number	Blows / 6"	Strata		
55	S-11	9-7-11-12	G _A	Tan coarse to fine Gravel, and medium to fine Gravel, trace Silt	GW (2b)
55	S-12	11-17-13-6		Gray medium to fine Sand, little Silt	SM (3a)
60	S-13	15-20-17-21		Gray fine Sand, little Silt	SM (3b)
65	S-14	14-11-12-16		Brown coarse to fine Sand, trace Silt	SW (3a)
70	S-15	13-23-26-33		Brown coarse to fine Sand, little Silt	SM (3b)
75	S-16	14-15-14-18		Grey fine Sand, trace Silt	SP (3a)
80	S-17	19-26-27-26		End of Boring	

PILLORI ASSOCIATES, P.A. Geotechnical Engineering Project No.: 150303

Project: **101 Lincoln Avenue** Boring No.: **B-4**
Bronx, New York 10454 Sheet: 1 of 2
Date: 08/31/2015 Ground El: 8.0
Contractor: Warren George, Inc. Groundwater Depth: NA

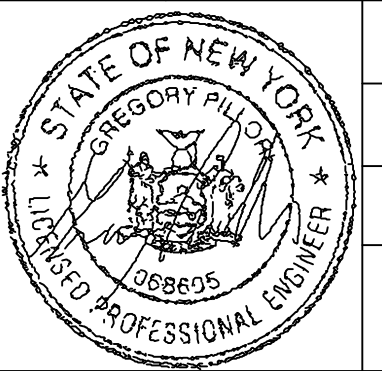
Depth Feet	SAMPLES			SOIL DESCRIPTION	Classification Depth Elevation		
	Number	Blows / 6"	Strata				
5	S-1	5-6-8-15	G _A	Concrete			
5	S-2	7-7-4-3		FILL: Dark brown coarse to fine Sand, little Silt with brick, concrete, and miscellaneous debris	FILL (7)		
10	S-3	5-5-3-3		FILL: Gray Silt and Clay with plant fibers			
15	S-4	3-2-3-3		FILL: Gray coarse to fine Sand, little Silt with miscellaneous stone fragments			
20	S-5	3-4-3-3		Tan medium to fine Sand, trace Silt	SP (6)		
25	S-6	4-4-4-4		Brown coarse to fine Sand, trace Silt	SW (3b)		
30	S-7	4-5-6-8					
35	S-8	5-7-8-8				Brown coarse to fine Sand, trace Silt, trace fine Gravel	SW (3b)
40	S-9	7-11-16-18				Tan medium to fine Sand, trace Silt	SP (3b)
45	S-10	7-10-16-18					
50	S-11	7-11-12-11					

PILLORI ASSOCIATES, P.A. Geotechnical Engineering Project No.: 150303

Project: **101 Lincoln Avenue** Boring No.: **B-4**
Bronx, New York 10454 Sheet: 2 of 2
Date: 08/31/2015 Ground El: 8.0
Contractor: Warren George, Inc. Groundwater Depth: NA

Depth Feet	SAMPLES			SOIL DESCRIPTION	Classification Depth Elevation
	Number	Blows / 6"	Strata		
55	S-11	7-11-12-11	G _A	Gray coarse to fine Sand, trace Silt	SW (3b)
60	S-12	11-10-11-11		Gray fine Sand, little Silt	SM (3b)
65	S-13	9-7-11-13		Gray medium to fine Sand, little Silt with lenses of Silt and Clay	SW (3b)
70	S-14	8-11-15-16		Brown medium to fine Sand, trace Silt	SW (3b)
75	S-15	5-10-13-18		Grey fine Sand, little Silt	SM (3a)
80	S-16	11-12-16-25			
85	S-17	12-18-15-14		End of Boring	

PILLORI ASSOCIATES, P.A. Geotechnical Engineering Project No.: 150303



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email: office@pillorassociates.com

No. DRAWINGS/REVISIONS DATE

DRILL RIG TYPE: TRUCK MOUNTED
DRILLING METHOD: ROTARY
SAMPLE HAMMER WEIGHT: 140 LBS.
CASING HAMMER WEIGHT: 300 LBS.
CASING DIAMETER: 4"
SAMPLER DIAMETER: 2"

DRAWING TITLE:

BORINGS B-5 TO B-7

DRAWN: JGS CHECKED: ERK REVIEWED: GP

DATE: 10/20/2015

SCALE: AS NOTED

JOB NO.: 150303

DRAWING No.: B-003.00

SHEET 3 OF 12

Project: **101 Lincoln Avenue** Boring No.: **B-5**
Bronx, New York 10454 Sheet: 1 of 2
Date: 09/03/2015 Ground El: 6.8
Contractor: Warren George, Inc. Groundwater Depth: NA

Depth Feet	SAMPLES			SOIL DESCRIPTION	Classification Depth Elevation
	Number	Blows / 6"	Strata		
5	S-1	3-3-3-3	F	Concrete	
	S-2	4-15-15-6		FILL: Brown coarse to fine Sand, trace Silt, some fine Gravel with electrical wires and miscellaneous debris	
10	S-3	WOH-1-2-2			FILL (7)
15	S-4	4-3-3-2	GA	FILL: Dark gray coarse to fine Sand, little Silt, some fine Gravel with brick fragments	
20	S-5	2-2-2-3			SP (6)
25	S-6	3-3-4-4			
30	S-7	3-5-5-9			
35	S-8	6-7-9-10			
40	S-9	6-8-8-11			SP (3b)
45	S-10	6-10-16-18			
50	S-11	8-13-18-20			SP (3a)

PILLORI ASSOCIATES, P.A. Geotechnical Engineering Project No.: 150303

Project: **101 Lincoln Avenue** Boring No.: **B-5**
Bronx, New York 10454 Sheet: 2 of 2
Date: 09/03/2015 Ground El: 6.8
Contractor: Warren George, Inc. Groundwater Depth: NA

Depth Feet	SAMPLES			SOIL DESCRIPTION	Classification Depth Elevation	
	Number	Blows / 6"	Strata			
55	S-11	8-13-18-20	GA	Tan medium to fine Sand, trace Silt	SP (3a)	
	S-12	10-19-22-22			Gray coarse to fine Sand, trace Silt	SW (3a)
60	S-13	12-13-12-19			Brown fine Sand, trace Silt	SP (3b)
65	S-14	6-8-9-15			Brown fine Sand, little Silt	SM (3b)
70	S-15	12-17-20-31			Brown Clayey Silt	ML (5a)
75	S-16	14-23-37-53			Gray to brown medium to fine Sand, trace Silt	SP (3a)
80	S-17	4-4-9-10			Red-brown Clayey Silt	ML (5b)
85					End of Boring	

PILLORI ASSOCIATES, P.A. Geotechnical Engineering Project No.: 150303

Project: **101 Lincoln Avenue** Boring No.: **B-6**
Bronx, New York 10454 Sheet: 1 of 2
Date: 09/04/2015 Ground El: 7.1
Contractor: Warren George, Inc. Groundwater Depth: NA

Depth Feet	SAMPLES			SOIL DESCRIPTION	Classification Depth Elevation	
	Number	Blows / 6"	Strata			
5	S-1	6-3-2-2	F	FILL: Brown coarse to fine Sand, little Silt, some fine Gravel with miscellaneous debris	FILL (7)	
	S-2	2-0-1-1				
10	S-3	1-0-1-0	GA	Dark gray coarse to fine Sand, little Silt, some fine Gravel	SM (6)	
15	S-4	1-0-1-1			Brown fine Sand, little Silt	SM (6)
20	S-5	2-2-0-0			Brown coarse to fine Sand, and medium to fine Gravel, trace Silt	SW (6)
25	S-6	7-21-100/3"				SW (3a)
30	S-7	2-4-5-8			Brown coarse to fine Sand, trace Silt, little fine Gravel	SW (6)
35	S-8	11-12-14-18			Gray to brown fine Sand, little Silt	SM (3b)
40	S-9	13-15-17-16				SP-SM (3a)
45	S-10	4-6-10-14			Gray medium to fine Sand, trace to little Silt	SP-SM (3b)
50	S-11	10-14-22-24				SP-SM (3a)

PILLORI ASSOCIATES, P.A. Geotechnical Engineering Project No.: 150303

Project: **101 Lincoln Avenue** Boring No.: **B-6**
Bronx, New York 10454 Sheet: 2 of 2
Date: 09/04/2015 Ground El: 7.1
Contractor: Warren George, Inc. Groundwater Depth: NA

Depth Feet	SAMPLES			SOIL DESCRIPTION	Classification Depth Elevation	
	Number	Blows / 6"	Strata			
55	S-11	10-14-22-24	GA	Gray medium to fine Sand, trace to little Silt	SM (3a)	
	S-12	7-12-12-14			Grayish brown coarse to fine Sand, trace Silt	SW (3b)
60	S-13	8-12-12-14			Brown fine Sand, little Silt	SM (3b)
65	S-14	13-11-12-17			Brown Clayey Silt	ML (5b)
70	S-15	9-12-15-14			Brown fine Sand, trace Silt	SP (3b)
75	S-16	14-20-29-52				
80	S-17	12-17-24-19			Brown medium to fine Sand, trace Silt	SP (3a)

PILLORI ASSOCIATES, P.A. Geotechnical Engineering Project No.: 150303

Project: **101 Lincoln Avenue** Boring No.: **B-7**
Bronx, New York 10454 Sheet: 1 of 2
Date: 08/28/2015 Ground El: 7.4
Contractor: Warren George, Inc. Groundwater Depth: NA

Depth Feet	SAMPLES			SOIL DESCRIPTION	Classification Depth Elevation		
	Number	Blows / 6"	Strata				
5	S-1	6-1-0-1	F	FILL: Black coarse to fine Sand, little Silt, little fine Gravel with miscellaneous debris			
	S-2	1-0-1-0					
10	S-3	7-3-2-1			FILL: Gray coarse to fine Sand, trace Silt, trace plant fibers with timber fragments		
15	S-4	5-4-3-4					
20	S-5	2-1-2-1			Brown coarse to fine Sand, trace Silt	SW (6)	
25	S-6	1-1-2-2					
30	S-7	4-4-5-5		GA	Brown fine Sand, trace Silt	SP (6)	
35	S-8	3-5-5-8					
40	S-9	6-9-12-14				Gray to brown medium to fine Sand, trace Silt	SP (3b)
45	S-10	6-8-7-10					
50	S-11	6-9-10-12					

PILLORI ASSOCIATES, P.A. Geotechnical Engineering Project No.: 150303

Project: **101 Lincoln Avenue** Boring No.: **B-7**
Bronx, New York 10454 Sheet: 2 of 2
Date: 08/28/2015 Ground El: 7.4
Contractor: Warren George, Inc. Groundwater Depth: NA

Depth Feet	SAMPLES			SOIL DESCRIPTION	Classification Depth Elevation	
	Number	Blows / 6"	Strata			
55	S-11	6-9-10-12	GA	Gray to brown medium to fine Sand, trace Silt	SP (3b)	
	S-12	5-10-10-11				
60	S-13	6-11-11-11			Gray fine Sand, little Silt	SM (3b)
65	S-14	6-7-10-10				
70	S-15	8-10-12-14			Gray medium to fine Sand, trace Silt	SP (3b)
75	S-16	11-14-15-16				
80	S-17	8-12-14-15			Red-brown fine Sand, little Silt	SM (3b)

PILLORI ASSOCIATES, P.A. Geotechnical Engineering Project No.: 150303

