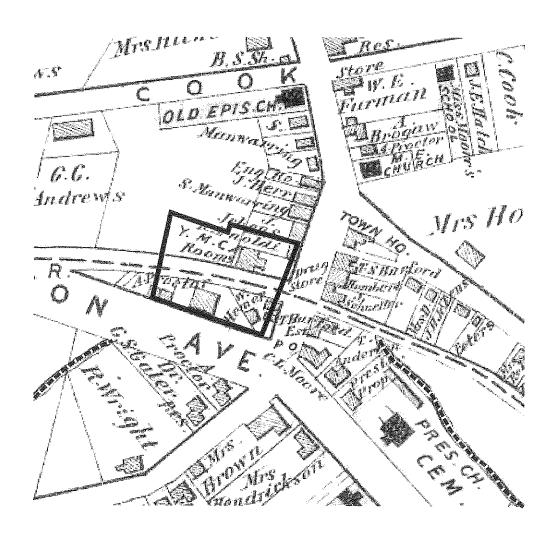
85-15 Queens Boulevard (Block 1549, Lots 28 and 41) Elmhurst, Queens County, New York

1A Documentary Report

BSA Project No. 10BSA060Q



Prepared for 85-15 Queens Realty LLC Through Page Cowley Architects LLC Prepared by Joan H. Geismar, Ph.D., LLC August 2, 2010 85-15 Queens Boulevard (Block 1549, Lots 28 and 41) Elmhurst, Queens County, New York 1A Documentary Report

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ABSTRACT

This 1A documentary report presents the method and findings of research undertaken to assess the archaeological potential of a private development site identified as 85-15 Queens Boulevard located in Elmhurst, Queens County, New York (Block 1549, Lots 28 and 41) where a 5-story commercial building with underground parking is planned. Although a fresh water brook (Horse Brook) once crossed the site, construction of a short-lived railroad line (the Flushing or White Line, 1873-1876) that paralleled the brook, and commercial and residential structures in the mid- to late-19th century and a bank building and a subway line in the 20th century, indicate that neither Native American nor early historic-era resources are an issue on the eastern part of the site where soil borings are available. However, it is possible that construction elements of the Flushing Line introduced in a wet environment might remain on the western part of the site currently occupied by a Wendy's restaurant and an associated parking lot where minimal development has occurred. Therefore, to determine subsurface conditions on the western half of the site, a review of soil boring data or other subsurface information is recommended when they become available.

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INTRODUCTION

This 1A documentary report presents the method and findings of research undertaken to assess the archaeological potential of a private development site identified as 85-15 Queens Boulevard located in Elmhurst, Queens County, New York (Figure 1). The project site (Block 1549, Lots 28 and 41) encompasses just over three-quarters of an acre (.83) and includes the entire southern part of the project block located on the north side of Queens Boulevard. Reeder Street (Place) is to the west and Broadway to the east (Figure 2). The proposed development, a 5-story commercial building with underground parking, includes a small rear yard to the north. A subway easement crosses the northeast corner of the site (Figure 3).

The report was prepared for 85-15 Queens Realty LLC, the owner, through Page Cowley Architects LLC. The assessment was carried out at the request of The New York City Landmarks Preservation Commission (NYCLPC) to address concerns related to the site's potential for cultural resources that include remains from the colonial town of Newtown through the 19th century as well as prehistoric and early-historic era use and occupation by Native American populations (Santucci 2010). This latter issue undoubtedly relates to Horse Brook, a spring-fed stream that once crossed the project site from the west and ultimately discharged into Flushing Bay to the east. However, research indicated this watercourse, said to provide drinking water to local horses and hence its name, was culverted during the last decade of the 19th century or the first decade of the 20th century (see below) and was ultimately filled in. The potential historicera issues center around the village of Newtown that included the project site.

A site visit on June 2, 2010, revealed that its eastern half was then in use as a staging area for an off-site, in-progress development on the east side of Broadway, a circumstance that made it difficult to photograph (Figures 4a to 4f). The visit determined that at least part of the site had been highly disturbed by construction of the deep basement of a demolished bank building (see Figure 4f). At this writing, the western half of the site is occupied by a Wendy's restaurant and its surrounding parking lot.

To assess the site's archaeological potential, document research was conducted at New York City agencies and local archives. Among them were the NYCLPC to review relevant reports and the Archives at the Queens Library, the Map Division of the New York Public Library, the Queens County Register's Office, and the Queens Topographic Bureau. Internet resources were also researched.

Research focused on changes in the project site's original topography over time, its development history, and its potential for prehistoric and Contact Period Native American resources. Historical issues addressed in Vincent Seyfried's 1995 book, *Elmhurst, From Town Seat to Mega-Suburb*, proved most helpful as did file maps and plans provided by Alford Clarke, Associate Engineer at the Queens Topographic Bureau. Additional historical maps, mainly from the Map Division of the New York Public Library, also provided useful information, as did a 1997 assessment of known prehistoric and Contact Period sites in Queens County by Eugene Boesch, Ph.D., a document created for the NYCLPC. In addition, newspaper archives proved helpful. The research methods for, and findings of, the 85-15 Queens Boulevard project archaeological assessment are presented below.

NATIVE AMERICAN RESOURCES POTENTIAL

As previously noted, the documented presence of a fresh water stream or brook on the site suggests the archaeological potential for Prehistoric and Contact Period Native American resources since a fresh water source would provide water to humans and the game they hunted. Moreover, while no Native American site was documented in the project area in the aforementioned 1997 Boesch assessment, it does identify a potential sensitivity based on the presence of a former watercourse and associated marshland (Boesch 1997; see Figures 5a and 5b this report). However, given what appears to be a swampy condition without associated high ground and with subsequent development, the likelihood of viable Native American resources diminishes. Ralph Solecki, Professor Emeritus in the Columbia University Department of Anthropology, who is has a longtime familiarity with the archaeological potential of the project area and its environs, has also identified the potential for such sites (Solecki and Wisniewski in press:26-27), but indicated in a personal communication that any resource viability in the project area is long gone (Solecki 2010:personal communication). Moreover, as shall be seen, sometime between 1892 and 1903, Horse Brook was channeled on the project site, an alteration that undoubtedly caused extensive disturbance. It is perhaps noteworthy that cultural resource assessments of nearby development sites do not document any prehistoric potential (Geismar 1990; Historical Perspectives 2007, 2006, 1988; Key Perspectives 1989; McLean 2005).

SITE TOPOGRAPHY

Maps and plans document modifications to the project area during the historic era. Perhaps most telling is an 1887 survey, the earliest available to date, carried out in anticipation of the channeling of Horse Brook in the project area and particularly on the project site (Hyatt 1887-1888; Figure 6). It was a long-planned and hotly discussed alteration, one that straightened Horse Brook as it crossed the site, changing its slightly meandering, apparently shallow course to a wider, deeper, straighter ditch. At Broadway, the grade was to be lowered from elevation 12.8 to elevation 7.50, or 5.8 feet (Hyatt 1887-1888; see Figure 6). Nineteenth-century-development had caused the water in the brook to stagnate, and what had been described as a "rural stream, pure and unpolluted... sufficiently cold and fast running to provide a habitat for trout" (Seyfried 1995:57) had been fouled.

As documented in newspaper articles, and beginning at least by 1885, human waste from backyard privies and trash from adjacent properties that clogged the brook had prompted the call for its reconfiguration (*Newtown Register* 1885a, 1885b). At first heartily supported by adjoining property owners (*Newtown Register* 1890), this support rapidly dissipated once it became known that property assessments would be required (*Brooklyn Eagle* 1891; *Newtown Register* 1892a). Despite intensive research, no exact date has been established for the brook's realignment. There is no evidence of any realignment on either an 1891 file map (Sackett Moore 1891; not illustrated) or an 1893 insurance map (Sanborn 1893; Figure 7). However, it may have occurred by 1895 when the drainage commission behind the project apparently was disbanded (*Newtown Register* 1895).

A major flood in 1903 that caused extensive damage to properties on and near the project site when the Horse Brook culvert under Broadway became completely clogged (*Newtown*

Register 1903) may have provided the impetus to finally carry out the realignment (or it may have reflected new but shoddy engineering). Although it is unclear whether the flood occurred before or after the brook's alteration, its new configuration on the project site is finally indicated on the 1903 Hyde map (Figure 8).

When site elevations noted on the profile provided on the 1887-1888 survey (see Figure 6) are compared with those from 1904 (Queens Final Map 1904; Figure 9), it appears that approximately 7.5 feet of fill were later introduced over the new grade proposed at Broadway (proposed new elevation of 7.5 in 1887-1888 compared to elevation 15.0 in 1904). Today, soil boring data from the vacant eastern half of the site document 2.8 to 13.0 feet of fill above a relatively high water table (Carlin-Simpson 2002; see Table 1; also Appendix A for Soil Boring logs). At this writing, no soil boring data are available for the site's western half, currently the site of a Wendy's Restaurant and associated parking.

TABLE 1

Boring #	Elevation of Existing Ground Surface	Bottom Depth/Elevation Of Fill	Groundwater Depth/Elevation	Planned Subcellar Floor Elevation (-24 feet)	Foundation Bearing Material (Elevation -5.0)
B-1	+20.0	10'6"/+9.6	9'0"/+11.0	-4.0	Medium stiff varved Clay & Silt
B-2	+20.5	7'6"/+13.0	9'6"/+11.0	-4.0	Very dense silty gravelly sand
B-3	+19.4	13'0"/+6.4	9'0"/+10.4	-4.0	Dense silty gravelly sand
B-4	+19.8	11'6"/+8.3	11'6"/+8.3	-4.0	Very dense silty gravelly sand
B-5	+10.3	2'8"/+7.6	2'0"/+8.3	-4.0	Very dense silty gravelly sand
B-7	+19.1	10'0"/+9.1	10'6"/+8.6	-4.0	Very dense silty gravelly sand
B-8	+19.3	10'0"/+9.3	11'0"/+8.3	-4.0	Very dense silty gravelly sand

Note: 1. Boring B-6 was eliminated from this study

2. Assumed first floor elevation +20.0

(Adapted from Carlin-Simpson 2002:4)

HISTORIC-ERA DEVELOPMENT

It has been noted that the intersection of Broadway and Queens Boulevard, that is, the southeast corner of the project site, was once at the center of the historic village of Newtown (Seyfried 1995:44). Revolutionary War activity is documented to the west, but given what apparently is its original swampy condition, it is not surprising that none is documented directly on the project site. By the mid-19th century, Broadway just north of the project site was the location of two churches, the town hall, the town's first firehouse, a school, stores, and many privately owned homes and barns. Northwest of the site was a public burying ground (see Figure 6). The area's development is shown on maps from 1852 (Riker 1852; Figure 10), 1859 (Walling 1859; Figure 11), 1873 (Beers 1873; Figure 12), and 1891 (Anon. 1891; Figure 13). It also included John Heeg's "Broadway House," a hotel and stores located on the southeast corner of the site. At that location from 1890 until at least 1930 (Seyfried 1995:49, 103), Broadway House stood on land Heeg had purchased in 1889 (LD 774:62). Long before this, however, in 1866, site development included the "rooms" of the Young Men's Christian Association (Liber of Deeds [LD] 561:127) in the northeast corner of the project site and then enlargement of this facility a year later (LD 293:315; see Beers 1873, Figure 12). This property was sold in 1874

(LD 438:303). Sometime prior to 1893, Arcanum Hall, the headquarters of a benevolent society, was either an expansion of the YMCA rooms or a new construction.

Most informative of the site's 19th-century development is the 1873 Beers map that shows many of the above-mentioned structures (see Figure 12). It also shows the path of the short-lived (1873-1876) Flushing Railroad, locally known as the White Line, on the project site. The line ran between Long Island City to the west and Flushing Bay to the east where ferry service to Lower Manhattan was available (Seyfried 1995:23). The rail line followed the north bank of the original course of Horse Brook so closely on the project site that the brook disappears on the 1873 Beers map in order to show the trajectory of the rail line at its inception (see Figure 12).

While records of Newtown's Highway Commission note that the south bank of Horse Brook was delineated by a stonewall in 1889 (Highway Commissioners 1885-1897:300-301), the aforementioned 1891 map of Newtown indicates the proposed channeling of Horse Brook had not yet occurred. This is more specifically documented in a verified map filed in the Queens Topographic Bureau, "In the matter of the application of D. Sackett Moore and others for the drainage of certain low and swampy lands in the Town of Newtown County of Queens and State of New York," dated June 29, 1891, and filed on July 15 (Sackett Moore 1891; not illustrated). As mentioned previously, the first map to document the brook's realignment in the project area is the 1903 Hyde Map (see Figure 8), but the channeling of Horse Brook obviously had occurred before this, and public water was available to Newtown residents by 1894 (Seyfried 1995:63), both events that effect the project site's historic-era archaeological potential. Although authorized in 1897, political maneuvering delayed the introduction of Newtown's sewers until 1905 (Seyfried 1995:85). As noted previously, prior to the introduction of the sewer, Horse Brook was the recipient of human waste from buildings along its course.

Old Newtown names, such as Hendrickson, an early landowner, and Manwaring are associated with the site and project area. By the mid to late 19th century, subdivided properties just north of the site were owned by Manwaring's heirs (Liber of Wills [LW] 1865:474), while directly on the site, undeveloped property belonged to Henry Skelton, the town's first undertaker who was involved in the Arcanum Society, the benevolent society that, in the late 19th century, provided insurance and burial facilities to its members. Like a number of the site's property owners, Skelton participated in civic matters, serving as a member of the drainage commission involved in channeling Horse Brook and as a director of the Citizens' Water Supply Company that brought water to the town in 1894 (Seyfried 1995:63; Laughlin 1938; *Brooklyn Eagle* 1901). Another community stalwart was John Heeg whose Broadway House stood on the southeast corner of the site by 1890 (*Newtown Register* 1892b; Seyfried 1995:49). According to the 1868/1869 *Directory for Long Island*, developed lots on the site were then owned by R. Arnoldi, a harness maker, and A. Proctor, a wheelwright (Curtin 1868/1869), while Thomas Manwaring's children—George Manwaring and Mary Manwaring Lewis—lived nearby on Broadway (Curtin 1868/1869; Hyatt 1887-1888; see Figure 6).

¹ The "Royal Arcanum is described as "a fraternal benefit life insurance company founded in Massachusetts in 1877" that included 28,111 members in 1994. (http://www.stichtingargus.nl/vrijmetselarij/arcanum_en.html)

In addition to the channeling of Horse Brook, the many episodes of lot development, and the aforementioned Flushing Railroad, other major site upheavals included the widening of Broadway in about 1930 that necessitated at least partial demolition of John Heeg's "Broadway House" (approximately 20 feet were taken for the widening at the Broadway-Queens Boulevard intersection) as well as the razing of other buildings on the west side of Broadway (see Damage Map 1927/1929; Figure 14). At the same time, the width of Thomson Avenue, renamed Queens Boulevard, was doubled from 100 to 200 feet, but its expansion, which was limited to the south side of the road, apparently did not affect the project site. Although Arcanum Hall and its neighbors on the west side of Broadway were razed, a truncated and altered Broadway House may have remained standing. Subsequent construction on this part of the site included an "Auto Laundry" (car wash) built sometime between 1932 and 1951 (see Figure 15c) where a structure, possibly a barn or double house, is documented in 1873 (see Figure 12).

Historical maps indicate that several frame structures standing on the western part of the site by 1873 (Beers 1873; see Figure 12) were gone by 1893 (Sanborn 1893; see Figure 7); others, lacking historical or archaeological potential, were built nearby (Sanborn 1914, 1932, 1932 updated to 1951, 1932 updated to 1982; Figures 15a to 15d). In 1966, a now-demolished bank stood in part on the former Broadway House site (BSA 2010:35) and, in 1979, the Wendy's Restaurant in operation at this writing was erected on the western half of the site (BSA 2010:33). (See Figures 16a to 16e for historical photos of the project site).

Although the Flushing Line operated on the site from 1873 to 1876, it wasn't until 1880 that the last of its tracks were removed in the project area (Seyfried 1995:41). It is possible that remnants of this short-lived rail line may survive archaeologically on the western half of the site where development has been minimal. It is also possible that structural accommodations made to support the rails and the weight of the trains in the wet environment associated with Horse Brook may also survive on this part of the site. However, currently no soil borings or other subsurface data are available to assess the potential sensitivity of the project site's western half.

FINDINGS AND RECOMMENDATIONS

The development history of the site suggests disturbance to the original terrain would have eliminated any viable remains of Prehistoric or Contact Period Native American sites, and there is no evidence of early historic-era or early-19th century development. Site conditions and documented elevation changes associated with channeling Horse Brook and filling adjacent wetlands in addition to mid- to late-19th- and 20th-century-development that included a short-lived railroad line across the site, construction of a hotel, stores, houses and/or barns, YMCA rooms, a benevolent society hall, a subway, and a bank building suggest that neither Native American nor historic-era resources are an issue on the eastern part of the site. This also seems true of the site's western half although it is possible that evidence of construction elements of the Flushing Line (White Line) built in 1873 might remain on this part of the site. Therefore, it is recommended that soil boring data or other subsurface information be reviewed when they become available for the western half of the site.

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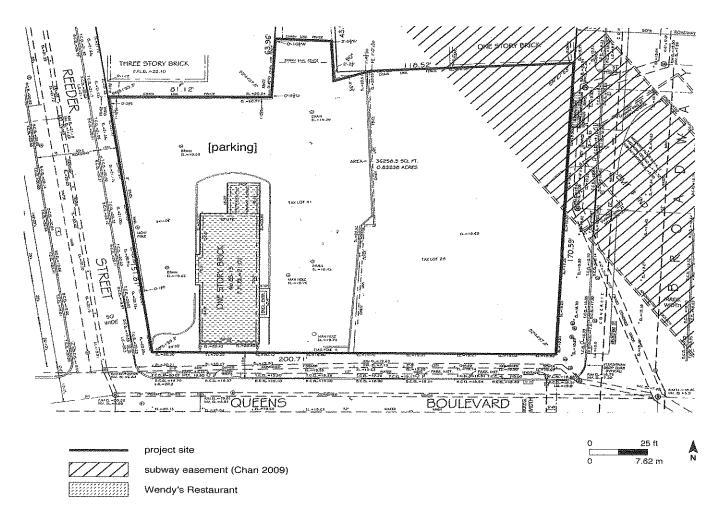
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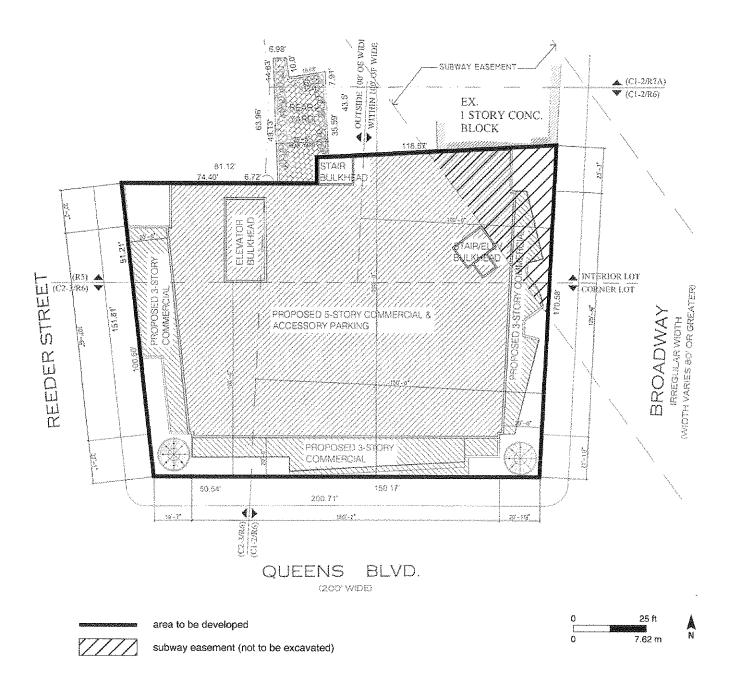
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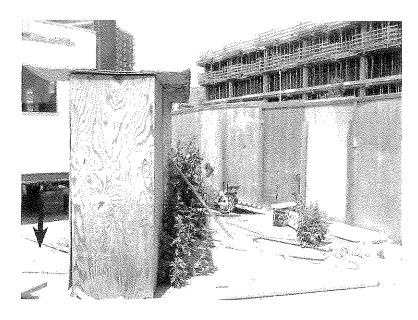
FIGURES





^{*} the 2010 site plan shows some variation (see Figure 3)





4a View northeast on the project site with development across Broadway in background. Floor of former bank building is to the left (arrow). (Geismar 6/2/10)



4b View north past construction trailers on site. (Geismar 6/2/10)



4C View toward Wendy's Restaurant (arrow) on the western half of project site. (Geismar 6/2/10)



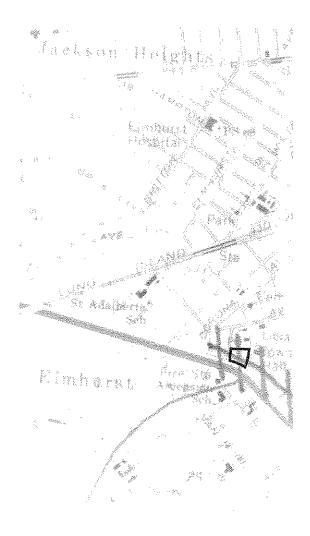
4d Composite view west, north and east of the eastern half of the project site. Wendy's parking lot is visible to the left through the chain-link fence (arrow). (Geismar 6/2/10)



Floor remnants of a fomer structure in the northeastern corner of the project site. (Geismar 6/2/10)



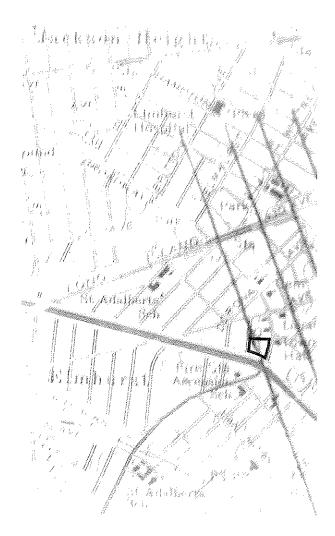
4f View into the basement of the former 1966 bank building on the corner of Broadway and Queens Boulevard. (Geismar 6/2/10)



5a Water Courses (Boesch 1997:3f)

(blue diagonal lines indicate former water course)

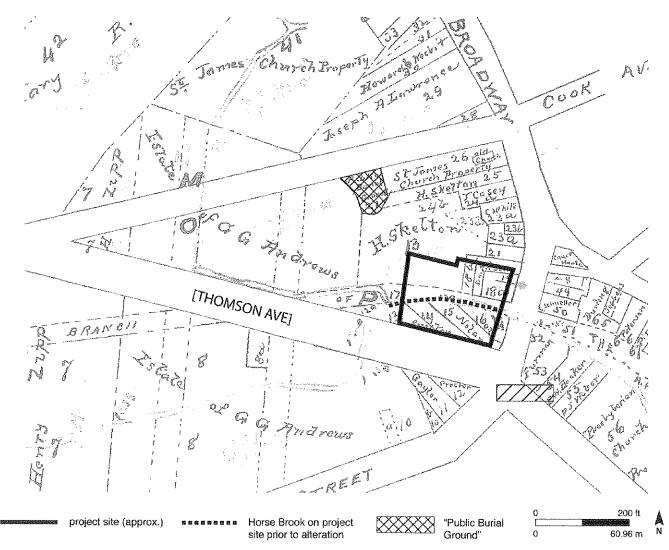




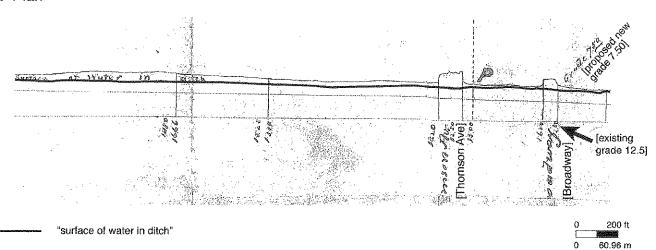
5b Potential Sensitivity (Boesch 1997:4f)

(red diagonal lines indicate area of potential sensitivity)

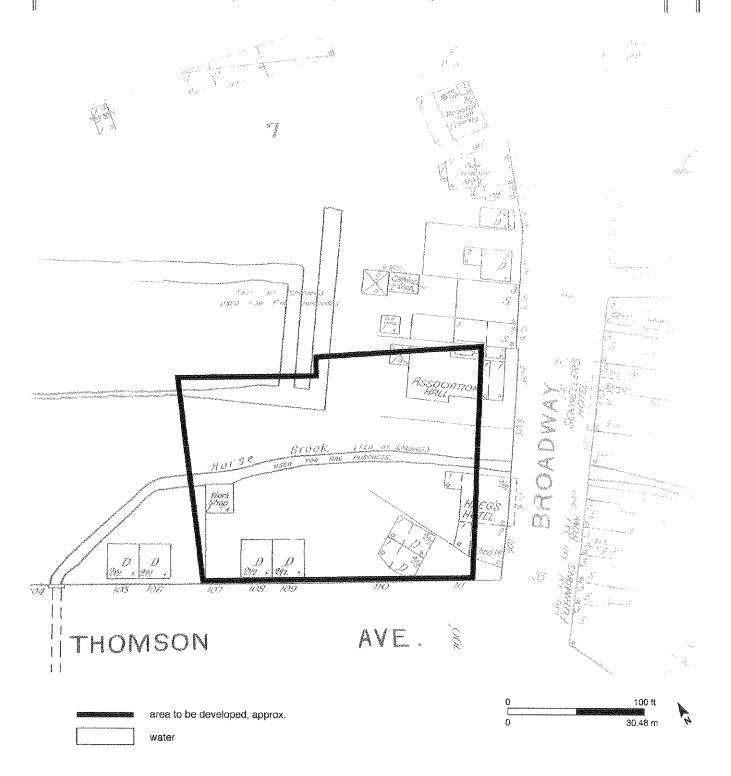


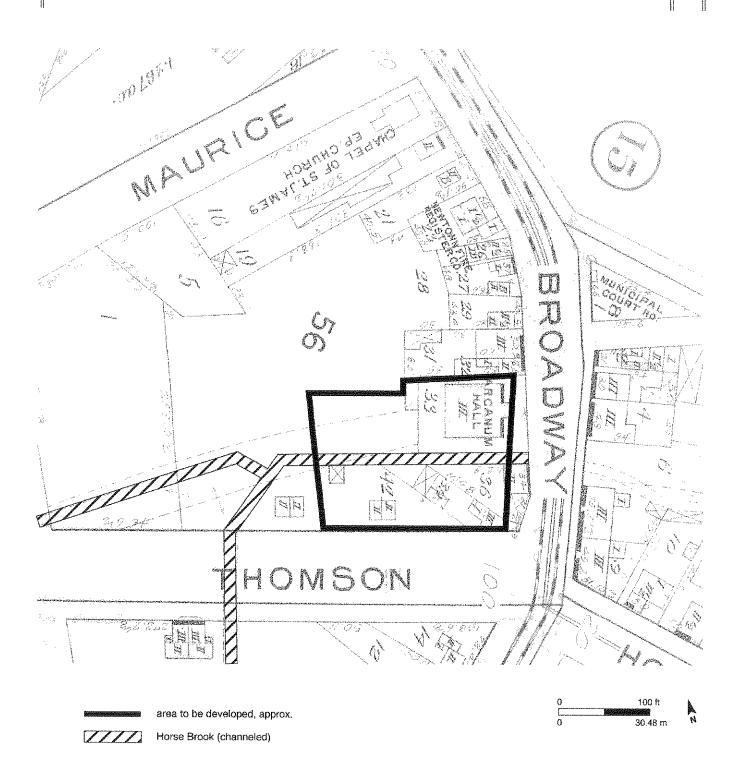


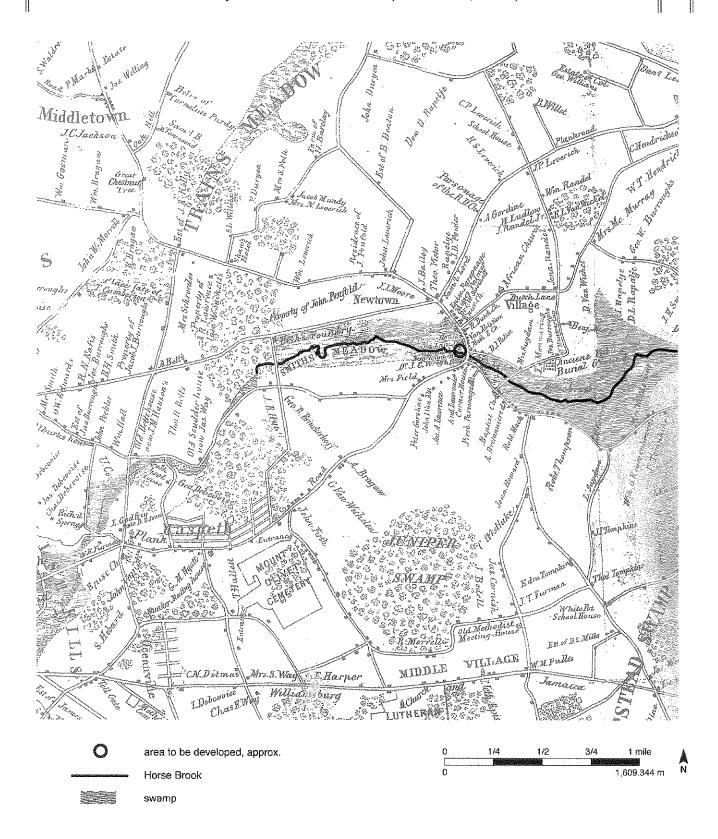
6a Plan

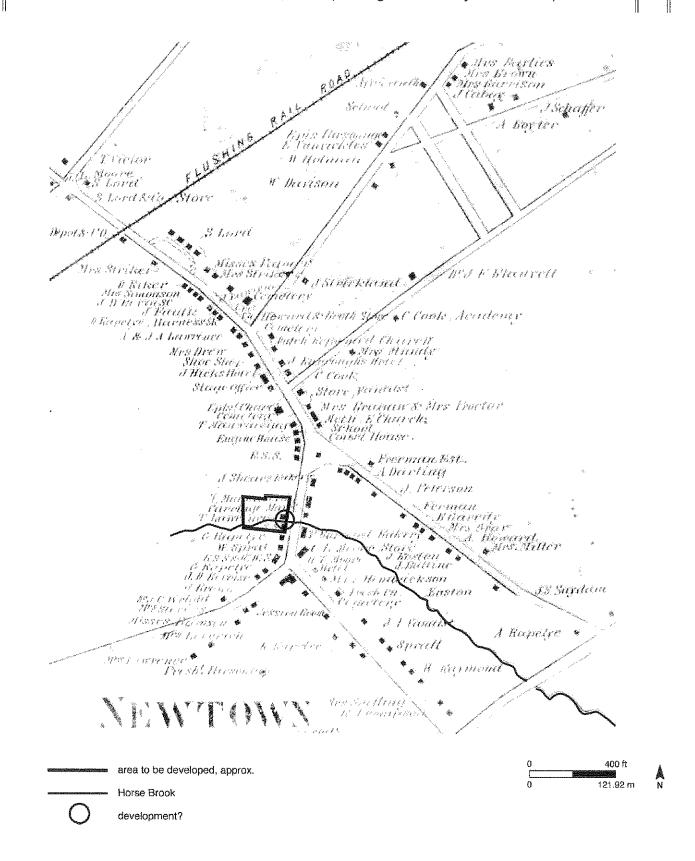


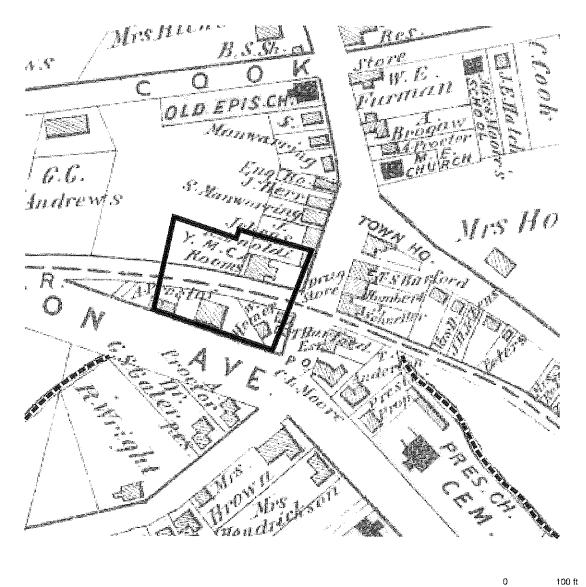
6b Profile











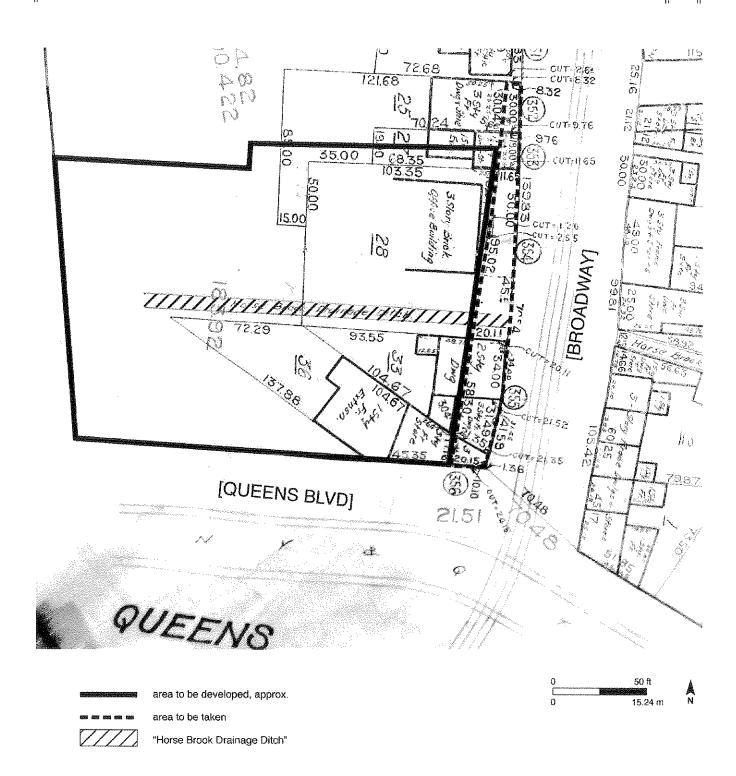
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1873-1876 Flushing Line (The White Line)

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30.48 m





[QUEENS BLVD]

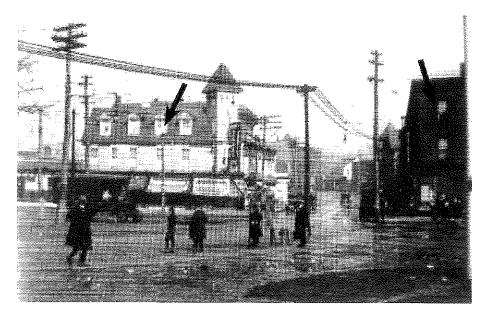
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[QUEENS BLVD]

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16a Northern intersection of Broadway and Thomson Ave. (Queens Blvd) in 1923. Broadway House (left arrow) stood on the southeast corner of the project site. On the northwest corner of the intersection was Furman Row (right arrow). (NYPL Digital Library)



16b Broadway House for rent in 1930 just before demolition began on Broadway for the subway. (Seyfried 1995:46)



16C This view was taken at the same time as the photo above. Looking west on Queens Blvd after widening (Seyfriend 1995:70). Broadway House to the right was apparently altered to accommodate introduction of the subway.



16d Looking north on Broadway in 1901 with Arcanum Hall (arrow), which stood on the project site, to the left. (Seyfried 1995:52)



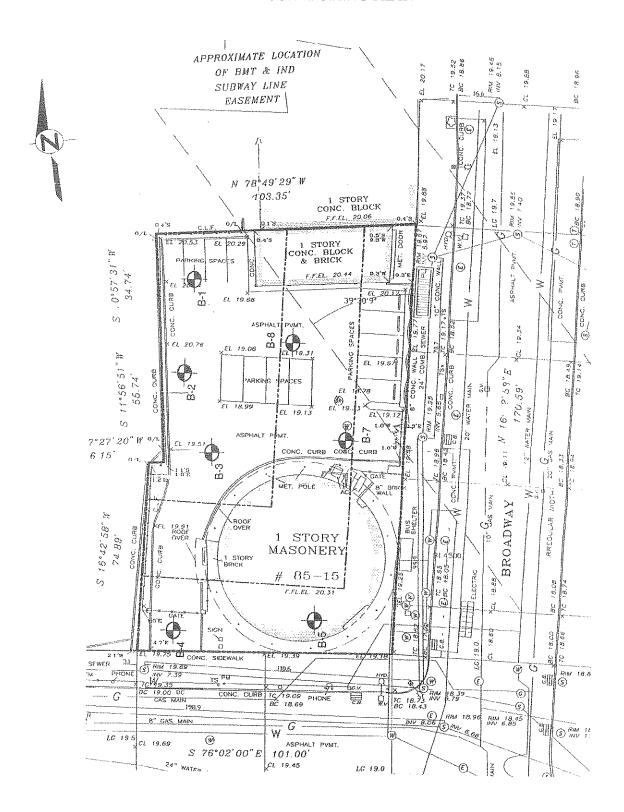
16e East side of Broadway, across from the project site, in 1930. Known as Furman Row, it was developed in 1895 and demolished in 1930 to make way for the subway. (Seyfried 1995:48)

APPENDIX A

SOIL BORING PLAN AND LOGS

(Carlin-Simpson 2002)

85-15 Queens Blvd, Eastern Half SOIL BORING PLAN



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A Training			16		Fill (Red 1	DETENDENT OF STREET	i <u>y coarse (i</u>	Sina	9	Rec = 16" moist	
5	·		21		SAND. on	: Silv 116+1	iy Coarse to E coarse to	Cino		1110121	
Para series	1		12		Gravel. w	ith brick, 1	z vraiscill Oncreto)		. 9		
6	ary managed	S-3	100/5"	do		**** *** ***	-VISITIC!	11-65	- 9	B no - 6"	
)	***************************************	Ī		and .						Rec = 6" moist	
7		deserva							Manage	nnust	
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8		Ţ							(appropriet		
9		-		1					1000		
137		-		Part of the second					27/02022		
10		-		***************************************					20211500		
- 'Y	anta arrows	ŀ	36	EHI ONE	~ED 10 1	-r.o * :			HULL		
11		S-4 F	16	Fill (Dk gr	cr5,15,1	ci G, w/bri	ck, concret	e)	name (no		
			16						3	Rec = 14"	
12	r-Include	, de la constante de la consta	[4]						VIII VIII VIII VIII VIII VIII VIII VII	vet	
-		F		1					di di		
13		and the second		1					1 7		
[F			·	وعسمانا لداريتهم وجامعات المسادات			13'0"		
14		F							Oppused.		
-				-					SWINGS		
LS				-					Monthly W		
-	-	con contract of the contract o		Br, gr cf S,	l \$, tf G				NACORES.		
16		S-5	24						ſs	tec = 16"	
, [2								vet	
17		_	19		rown, gra	iy coarse f	o fine SAN	D.	NATOROGIAN.		
10		_		į li	ttle Silt. tı	race fine C	ravel	[7-65]	min negati		
18		_									
19		-							With the second		
17		_							9450024		
20		-							NAMES OF THE PARTY		
20	rioriemateraumana	7	netro	D&0.1 m	0.43				Water Co.		
21		S-6		Br cf S,I S, 1	I (.i				Xildery		
		3-0	15						3	ec = 18"	
22	1	13.	26						1	ret	
national design	resentation de la company								8		

677-101	Sout	h Amboy	& ASSOCI	AILS	TEST BOR	ING LOG	BORING NUMB	
Project				85-15 Que	ens Blvd. Queens, N	okamena en en en en en en en en en en en en en	CAAL AND AND AND AND AND AND AND AND AND AND	13-3 omnominaria
Client:		85-15 Q	ucens Boul	evard Reali	v. LLC	Σ	SHEET NO.:	2 of 3
Depth	Casing	Sample	Blows on	S	A TOWN OF THE PERSON NAMED IN THE PERSON NAMED	PERSONAL PROPERTY OF THE PERSON OF THE PERSO	JOB NUMBER:	01-16 ammenteneene
(ft.)	Blows	Number	Sample	у			57700000	
	pre		Speen					
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					Brown coarse to fine S	AND, little Silt,	and antique appropriate to the contract of the	CONCURSOR OF THE PARTY OF THE P
23			ļ		trace fine Gravel [7	- 65 23'0	ц	
24								
25							***************************************	
*0.00	dilibuspa	ļ	10	BrcfS, IS	S.IfG			
26		S-7	16				Rec = 16"	
			19				wet	
27			21		Brown coarse to fine S	AND, little		
28					Silt, liftle medium to fi	nc Gravel 6-65		
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30		Į]			A100001000	
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31		S-8	17 38				Rec = 16"	
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-		Ī.	10	do			2579/cmanus	
36	ļ	S-9	36				2 C C C C C C C C C C C C C C C C C C C	
			29				Rec = 18" Iwet	
37			27				I Wei	
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			6	do				
41	normalist and discussion	S-10	18 9				Rec = 20"	
42		12					wet	
	*************	F	30					
43						9		
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44		<u> </u>				b)Onamus		
45		-				A CONSTRUCTION		
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46		S-11	131	do		incention and the second		
		3:		¥.Σ	PAND GROW GROVES IN C.	46'0"	Rec = 22"	
47		F	37	10	rown, gray coarse to fi parse to fine Sand, trac	ne Gravet some.	wet	

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roject		Pronoco	i Building	QC 1E	()	and and	ATROXIII	120				M. T.	dominios tr. 5	Zencoro:	=3mremeuzy	SANGETTO NEW		Service and the service and th	NZINCOCOCIONO	danan menon	OV.Ehlenskysysto	B-3
lient:		85-15 Or	reens Boul	evard i	Dealt	eens	15 1	118	'u.	<u> </u>	tteen	15, N	¥	•		***************************************	**********			NO.:	erranavarja,	3 of :
		Sample	Blows on	S.	2 F 1 - 52 2 4	emonous.	البلا و	J.J. L.	epessons.	nomenes	TOTAL PROPERTY.	ornanco.	enchestan	nangapartesis	neutanapmy,	Total and the commence of th	an Abdalamo) Surr	101	MAN E	MBE	R: dominantinos	() [-] ()
(ft.)		Number		v														900				
	រូវខេ		Spoon	-														ě				
Ì	Foot		per 6"					1	DEI	NTE:	ric.	ATK	`b &'					0.0000000		85 27 T	2 5 5%	525
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48			····																			
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49						50	(F) 67	ne.	208.845 201.67	ENGEL FOR	to to	na So	und and	tron.	e Sili	r 727						
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50								Li Jan 30	socov.se	LCX:U_E	1-2-7	277.211	2513	ļu	9-44-3 <u>1</u>							
ľ]	20	Br, g	er of G	Gs.	s. (cf s	S. 1.8	s wie	ahh	les b	ene ld	ler:				7480000				
51	[S-12	29		, -	,	-, -		-,			, .	,00,0					Rec	ເຄຄ			
			40															wet	10			
52	1	ľ	56														52'0	J)				
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53	e)ivaea	Į.				*****		THE PARK A		-continuing	**********	history.	-									
		Armano																Ĭ				
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70		H																distribution of the state of th				
59	- Vide	 -																AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I				
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CARL		MPSON & th Amboy	ASSOCI	ATES		TEST BO	ORING LO	G		BORING NUME	
rajec	AND THE PROPERTY OF THE PARTY O			85-15 Que	L nc Rhid	Queens.	NV	emineratura.	CONTRACTOR OF THE PROPERTY OF	SOARELELELE FINA	B-4
lient	····	85-15 O	teens Boul	evard Realt	v LLC	Queens.	, 15 5	***************************************		SHEET NO.:	lof3
	g Contr	actor:		Borings, Inc.						JOB NUMBER: ELEVATION:	01-16
Epinological distribution of the control of the con	INDWA	No Socilla library much programme	ot Killer County of the County	contrasent majoritation		CASING	SAMPLE	CYNUE	J. E 183 2	ELEVATION: DATUM:	+19.8
ĐΑ	TE	TIME	DEPTH	CASING	TYPE	HSA	SS	~ ~ FFE	* U 10 12	START DATE:	10 Jan
0 Jar	a 02	1100	11'6"	HSA	DIA.	3 1/4"	1 3/8" ID			FINISH DATE:	10 Jan
					WGHT		140#			DRILLER:	M. Jenn
nunahashunsu	Parameter Company Company Company				FALL.		30"	**************************************		INSPECTOR:	VCP
	Casing		Blows on	S	2000 Charley Charles (Lipping)	- Committee Committee Committee	ANALON AN	haconampanente.	and the second second		eAmonyettekayapay
(ft.)	Biows	Namber	1 " !	у							
Ì	pre		Spoon								
	Foot	SI COMMISSION ASSESSED	per 6"	ann pannananananananananan		TIFICA'		4.94.54.50		REMA	RKS
or a				-	Asphalt a	nd Grave			0'6"	2" Asphalt	ARTICO ESSACIO INDENDENDA
2			8	EH (D., -4	C 10 1-0	C)					
2		S-I	8	Fin (BFCF	S, 1 \$, 1 cf	uj				Thomas 20	
		1	6							Rec = 3" moist	
3			6						Ì	212/106	
ľ			3	do							
4		S-2	5		Fill (Brow	n coarse	o fine SAN	D. little		'Rec = 8"	
- Andreadal			10		Silt, little	coarse to	fine Gravel	111-6	5	moist	
5			3								
,	and the same of th	1	4	1							
6		S-3	7							No recovery	
7		ŀ	9	1							
1		}	12 18	do							
8	***************************************	S-4	13	uu						The second	
1		-	30						8	Rec = 1"	
9	-		29							moist	
ľ		ž.									
10		ľ							2000		
	Video	l.	8	đo					200 career		
ļī,		S-5	12.						2017	Rec = 12"	
,]	of the state of th	-	15						12	maist to very moist	
12		1	19	BrcfS, I\$	J mf G						
13		-							and the same of th		
1 2		F							Ĭ		
14	1								ļ		
1		I.							į		
15									THE PERSON NAMED IN		
		Lon	26	Rd br cf S.	t (+) \$, a c	fG			or the same of the		
16		S-6	29		B					Rec ≈ 9"	
17	1	-	32	J.	21'0WII, rec	i brown c	oarse to fin	c SAND.	•	wet	
-		-	32		race (±) Si recasionos	enbblee ^g	arse to fine Lboulders	Gravel,	. Selection		
18		-		2	ernosyndi.	COUNTY O	. Dominers	[6-65]	150'Alema		
ľ		r							ahouse a		
19		T							(64)mildery		
									SOME SHOW A		
20				_					Contraction Contra		
_,]		i	3	BrefS. (\$,	a cf G, occ	c cobbles a	& boulders		Milmoto		
21		S-7	33						ALE PARTY OF THE P	čec = 14"	
22	į	13	34						Table State of State	vet	
patrazione 	omennolisa omennolisa	State Company	7.4					5574501-04000000000000000000000000000000000	3	THE PROPERTY OF THE PARTY OF TH	

	IN - SIN Sout	h Amboy		S TEST BORING LOG	BORING NUMBER
Project		Promise	i Buildina 85.	5 Queens Blvd. Queens, NY	
Client:		85-15 Q	icens Boulevar	I Realty, LLC	SHEET NO.: 2 of 3 JOB NUMBER: 01-16
Depth (ft.)	Casing	Sample Number	Blows on S	IDENTIFICATION	REMARKS
23				and the second s	THE METER AND THE OF THE OF THE ACTION AND THE ACTION AND THE ACTION ASSESSMENT TO PACE TO COMMISSION ASSESSMENT TO COMISSION ASSESSMENT TO COMMISSION ASSESSMENT TO COMMISSION ASSESSM
24					G CHANG ZEELOSS
25			1.5		
26		S-8	15 do 87 100/2"		Rec = 14°
27				Brown coarse to fine Sand, trace Silt,	- Wiles
28 29				and coarse to fine Gravel, occasional cobbles & boulders [6-65]	
30	Particular Little				A LANGE TO THE STATE OF THE STA
31		S-9	6 Br	cf S, t \$, a cf G	Program Call
32			28 71		Rec = 24" wet
33					
34					and the second
35		ļ	21		
36	Total Property of the Control of the	S-10	52 52 00/5"		Rec = 17"
37					Wet
38					Westernia
39 40		-			ENVIRONMENT OF
41	and the same of th	S-11	2 do		70000000000000000000000000000000000000
42		<u></u>	3 26		Rec = 12" wet
43		-			signed to the state of the stat
44					(40 A)
45					appropries
46		S-12	5 do		70 00 00 00 00 00 00 00 00 00 00 00 00 0
47		5			Rec = 24" swet

	Sout	h Amboy	ASSOCIA	1123	TEST BORING LOG		BORING NUMB	
Project		Pronose	d Building	25.15 Over	Incompaniem de la Cuerna del Cuerna de la Cuerna del la Cuerna de la C	DIRECTOR PROGRAMMENT (20		M-4 marinament
Client:	***************************************	85-15 Qu	ucens Boule	vard Realt	v. LLC		SHEET NO.: JOB NUMBER:	3013
Depth	Casing	Sample	Blows on :	S CONTRACTOR CONTRACTOR	E-ASSISTANCE CONTRACTOR OF CONTRACTOR AND AND AND AND AND AND AND AND AND AND		ovo rovisek:	01-16
(ft.)	Blows	Number	Sample	/				
do de la constante de la const	pre		Spoon					
***************************************	Foot	упоняти элетипальный при	per 6"		IDENTIFICATION		REMA	CKS
		} .	29	do	A STATE OF THE PROPERTY OF THE		and the constitution of th	STOM DOWNSTON CONTRACTOR
48		S-13	47		Brown coarse to fine Sand, trace Silt,		Rec = 24"	
*0			75		and coarse to fine Gravel, occasional		wet	
49			100/3"		cobbles & boulders [6-65]	49'0"		
50					End of Boring @ 49'9"			
30								
51								
-								
52		ŀ						
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53		Ì						
		ļ						
54	- I	de maney a		-				
	Winaddaa	in the second				City		
55						and the same of th		
-	ļ	-						
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57		F				ĵ		
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59	100	-						
79		-				CONT.		
60	The following state of the stat	h						
ĺ	Metabolic	Ľ				direction in		
61						-		
62		-				our change		
V2		1				n cristina		
63		F				Obnesse:		
	-					-		
64		Ļ				and the state of t		
65		-				ne en en en en en en en en en en en en e		
~		 -				34,6296		
66		<u> </u>						
		-				100000		
67						TO INCESSES.		
68						with the same of		
		F				hilbilini.		
69		<u> </u>				Vitemanish		
						TERRENIE		
70						63745ems.		
71						ditt kennan		
·						and many		
72		}				-		

		h Amboy	& ASSOCI , N.J.	AR BEND		iedi br	RING LO	۷.۶		BORING NUMI	BER B-5
² rojec	organization and the company			85-15 Quee	ns Blvd.	Queens,	NY		Water Annie (Ingeles de Annie 1900)	SHEET NO.:	1 of 2
Client:		85-15 Q	ucens Boul	evard Realt	, LLC		***************************************		~	JOB NUMBER:	
-	g Contr	actor:		dorings, Inc.						ELEVATION:	Basement
GROU	NDWA	TER	THE PERSON NAMED OF THE PERSON NAMED OF THE PERSON NAMED OF THE PERSON NAMED OF THE PERSON NAMED OF THE PERSON NAMED OF THE PERSON NAMED OF THE PERSON NAMED OF THE PERSON NAMED OF THE PERSON NAMED OF THE PERSON NAMED OF T		Patrick Community (Chambrash Comm	CASING	SAMPLE	CORE	TUBE	DATUM:	2501701110311
DA		TIME	DEPTH	CASING	TYPE	FJ	SS	to to do monusey to produce	THE RESERVE OF THE PERSON NAMED IN	START DATE:	17 Jan 03
17 Jan	02	0100	2'0''	HSA	DIA.	3"	1 3/8" ID			FINISH DATE:	18 Jan O
					WGHT		140#			DRILLER:	M. Jenne
THE PERSONNEL PROPERTY.	indial strategy was strained and the strain of the strain	gi i Chanishini ana Et alian 1110 alian 1110 alian 1110 alian 1110 alian 1110 alian 1110 alian 1110 alian 1110	ottousenen sammen s	WWW. Street, Control of the Control	FALL	WAX Description of the Assessment	30"		***************************************	INSPECTOR:	VCP
- }			Blows on	S				Service management	SOURCE (COMPANIES OF CHARLES	Appropriate Colonia (Colonia Colonia C	A SECURE OF THE PROPERTY OF TH
(ft.)		Number	, ,	у							
	pre		Speen								
and the second	300°E	A4464moordabaaaaaa	per 6"		IDEI	THICAT	DOCUMENT OF THE PROPERTY OF			REMA	
a-ont.		S-1	4 6	VCD1 (7) (7	0.01	GRAVE	4		0'6"	Drilled through 9'	concrete
r.		1.79 m &	20	SSS						floor slab	
2			23		Cit Hitto	n coarse i	o fine SAN	D. trace		Rec = 4"	
			26		om, mu	msamm s	o fine Grav	<u>CI</u> [18		very moist to wet	
3		S-2	28	Rd br cf S.	10			***************************************	2'8"		
	***************************************	~	39	Ka si Ci S	, 1 D				3	Rec = 18"	
4			46							wet	
ľ									į		
5		-									
	**************************************	Ī									
6											
7	9	-							1		
Ť		ŀ							9		
8	-	ŀ							120000		
ì	"	Ī	39	do					Nonmone.		
9		S-3	50						e de la constante de la consta	Rec = [2"	
		Ī	63						ii.	wei	
10		[55						######################################	77.00	
	***************************************	L-	50	Rd br cf S,	1\$,1mfG				STATE OF STA		
[]		S-4	47							Rec = 24"	
	and and a	ľ	73						The state of the s	wet	
12			67								
13	di wange]_							the control of the co		
13			19	do, l (+) \$					200055500		
14		S-5	70	guu, 1 (+) 3					Surperd:	rk e zer	
	nteteretenadossus.	L-	71		Red brown	ı. brown e	oarse to fir	e Sann	X Same	Rec = 14" Vet	
15		ļ	65	Ī	ittle (+) S	ilt. little m	edium to f	ine	onesess of	700	
	}				Jravel	[6-65]			1250000		
16		-							of mile and a		
		-							Notice		
17		-							1000		
18	ALL PROPERTY.	-							personal distribution of the control		
10		1	8	Heefe (#	. / 3 m. 2 / 3				Petronity A.		
19	No.	S-6	49	Br cf S, 1 \$,	s (-) III G				METATION.		
		i	1						2	lec = [2"	
20		F	46						10 company	vet	
		-		1					SMITHERRY		
21									Aust styres		
	- manufalling								DYGOLIK		
2.2	1	f		I					ã		

	Sout	h Amboy	N.E.	TEST BORING LO		BORING NUMBE	
Project		Proposes	, iv.s. I Building 85-15 Qu	eens Blvd. Queens, NY			B-5
Client:		85-15 Ot	icens Boulevard Rea	ity. LLC		SHEET NO.:	2 of 3
		Sample	Blows on S	Reference to the second of the		JOB NUMBER:	01-16
(ft.)	Blows	Number	Sample y				
	pre		Spoon				
	Foot	======================================	per 6"	IDENTIFICATION		REMAR	KS
23				t\$,ImfG	THE RESIDENCE OF THE PROPERTY	н обновника и при при на при на при на при на при на при на при на при на при на при на при на при на при на п На при на	shidodrampayoth sheeps/
23	and the second section of the second	S-7	17 21			No recovery	
24			15			777-000-00	
25							
26						300 AND STATE OF THE STATE OF T	
201							
27						oonsee	
7.0		ſ					
28		}	13				
29		S-8	12 Br cf S,	\$, ImfG		ž.	
	***************************************	Į.	22	D		Rec = 5"	
30	Čán (Ì	25	Brown coarse to fine SAND, t little medium to fine Gravel		wer	
		ŀ	20	mus member to time clavei	[6-65]		
31							
32							
32		-					
33		ŀ					
					į		
34		-					
35	e lesso grada	-			ž.		
-		ŀ					
36					SOCIOL STATE OF STATE		
37	-	-					
- //		ļ					
38		r					
-		2	27 do		200		
39	Articles transport (PAL)	S-9	26		9070	Rec = 10"	
and the second	wipris stituens.	[3	2 -		ž	wet	
40		_	29		40'0"		
43	11-TBL-Marie	1		End of Boring @ 40'0"			
41		<u> </u> -	·		i puntania (
42	Photograph	-			DISON-EE		
-					ann/1920		
43		F			MADOLOGICAL PROPERTY.		
44	1	-			Medican		
		-			W. Ashara		
45					Dave Armid		
1					DATE PARTY NAMED IN COLUMN TO THE PARTY NAMED		
46		L			and the same		
1	- 1		1 1		2/40%		

[NOTE: SOIL BORING 6 NOT PART OF THIS SEQUENCE]

		nrson e h Amboy	k ASSOCI , N.J.	ATES		TEST BO	RING LO	G		BORING NUMB	ER 8-7
rojec				85-15 Quee	ns Blvd.	Queens.	NY	endotamentamentologi	Olean ann ann ann an Toigh (a	SHEET NO.:	PERSONAL PROPERTY AND ADDRESS OF THE PERSONS ASSESSED.
lient:		85-15 Oı	icens Boul	evard Reali	v. LLC	~ 40 C C 0123	* 4 M			JOB NUMBER:	Lof'5
rillin	g Contr	actor:		Borings, Inc.		***************************************	·		PARINI PERINING AND ADDRESS OF THE PERINA AN	ELEVATION:	01-161
ROU	NDWA'	TER	PLEASTAIN LATING IN A PROPERTY OF THE PROPERTY	Zeleman vezeski odpovne se mezr		CASING	SAMPLE	CODE	THOR	DATUM:	+19.1
DA.	LE	TIME	DEPTH	CASING	TYPE	HSA	SS	CONTRACTOR DESCRIPTION AND ADDRESS OF THE PARTY.	a al RAEL	START DATE:	10 Jan (
0 Jan	62		10'6"	HSA	DIA.	3 1/4"	1 3/8" ID			FINISH DATE:	10 Jan (
					WGHT		140#		-	DRILLER:	M. Jenn
WINDS AND INCOME.	******				FALL		30"			INSPECTOR:	VCP
epth (ft.)	Casing Blows pre Foot	Sample Number	Blows on Sample Spoon per 6"	Y.		TIFICAT			PROVINCE AND A CONTRACTOR OF THE PROVINCE AND A CONTRACTOR OF THE	enteres il resolutio envincio resoluti de la compania de la compania de la compania de la compania de la compa	(Атештогоского/меньш
1					ASPHAL!	r & GRA	<u>YEL</u>		0'6"	1 1/2" Asphalt	ON NORTH AND ADDRESS OF THE PROPERTY OF THE PR
21 73		S-1	8 18 16 12	Fill (Br cf	S, t \$, mf (3)				Rec = 15" moist	
5	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		11 15 9		Fill (Brow Silt. medit	n coarse t im to fine	o fine SAIY Gravel	<u>D. trace</u> [11-65]	i	Rec = 12" moist	
7		S-3	4 6 7	do					2	Rec = 12" moist	
50 G		5-4	4 2 1	GO.					9	Rec = 1" moist	
10		S-5	3 3 5 10	Gr C & \$	Gray CLA	y & silj	[9-65]			Rec = 14" wet	
15 15		S-6 2	9 17	Br cf S, s \$,	IcfG		7900		15'3"	dec = 14"	
17			37		frown coar ttle coarse	rse to fine to fine G	SAND, sor ravel 6-6	n <u>e Silt.</u> [5]	CONTRACTION CONTRACTOR	vet	
20		2		do					SAMPLE AND STREET,		
21		S-7	71 2 27						ă	lec = 2" /ei	

		h Amboy		TEST BORING LOG	BORING NUMBI	584 13-7
Project		Propose	d Building 85-15	Queens Blvd. Queens, NY	SHEET NO.:	2 of 5
Client:		85-15 Q	ueens Boulevard I	lealty, LLC	JOB NUMBER:	01-16
Depth (ft.)		Sample Number	Blows on S Sample y Spoon per 6"	IDENTIFICATION	RENAS	enine samuelenneme. El Ca
23	PERSONAL PROPERTY.	NAMES OF STREET	North Citizant States States (Citizant Citizant	ан бануншоор 4 меняли, торгост и перений кантыры аттыры комменун меняли барында кыргызган жатара да каргызган жатара жаран жаран жатара жаран жара	and to the first contract of the contract of t	e d Trail
24					Selection of the second of the	
76					**************************************	
25		S-8		r cf S, s \$, l cf G, occ cobbles & boulders	THE VIEW OF THE SECOND	
27		3-6	28		Rec = 16" wet	
28			26	Red brown coarse to fine SAND, some Silt, little coarse to fine Gravel, accasional cobbles & boulders [6-65]	200004-7-7000000	
29				occasional cobbles & boulders [6-65]	trainsouries and the state of t	
30					A CONTRACTOR	
31	Marana numa	S-9	34		Но гесоvету	
32			32			
33					WENT WENT WENT WENT WENT WENT WENT WENT	
34					(CO)20007/7/25/CO	
35					AWGG = 10 graph	
36		S-10	23 do		 	
37		THE PARTY OF THE P	10 Br cf	S, t \$, a cf G occ cobbles & boulders	er Wet	
38					\$5.00 \$1.00	
39					October 1980 (No. 1980)	
40	-	i.	18 Br cf 5	5, t \$, a (+) cf G	Potentiatio	
41	-	5-11	19 16		Rec = 12" wet	
42		ŀ	16	Brown coarse to fine SAND, trace Sit, and (+) coarse to fine Gravel, occasional cobbles & boulders 16-651	MEDINACIO PROPERTIDA	
44		-		cobbles & boulders [6-65]		
45		F			NO CONTROLLAR	
46		S-12	24	Gs(+), cf S, t\$	Rec = 14"	
47			13		Wet	

	3006	h Amboy	, №						ER D7
Project	t:	Propose	d Building	85-15 Quec	ns Blvd. (ucens, NY	s konstrumental kangualatan ku ta	SHEET NO.:	B-7 3 of 5
lient:		85-15 Q	icens Boul	evard Realt	y, LLC		(4870	JOB NUMBER:	01-161
Depth (ft.)	Casing Blows pre Foot	Sample Number	Blows on Sample Spoon per 6"	y	SDENT:	IFICATION		and a second second second second second second second second second second second second second second second	
48	in-sectional occur	***************************************		THE PARTY OF THE P	ANTERONISMO CONTRACTOR SANCIALO PROCESSORIA	alian namana ta mingga da kalanda makana ta tunaka ka alland State Control of the S	IEVAI	rendranderanderin FEFFA	
49				-					
50								225500000000000000000000000000000000000	
51		S-13	13 23	Br cf S, t 9	S, a cf G, occ o	cobbles & boulders		Rec = 10"	
52			24 19					wet	
53					Brown coars and (+) coars	e to fine Sand, trace e to fine Gravel, oc	: Silt. casional	average control of th	
54		o di mandina m		nika da da kanananan da da kananan da da	cobbies & bo	ulders [6-65]		Political and the second	
56								THE RESERVE CONTRACTOR	
57	***************************************							no de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	
58								ATTACKUL KATTACKUL	
59								ASSTALLED	
60			13	do				monate symmetrials	
61		S-14	19					Rec - [4"	
62			12					W Ct	
63								TITIO 0000000000000000000000000000000000	
65		-							
66									
67							67'0"		
68				E	irown coarse	to fine SAND, trace	T. S.		
70		-		S	ilt, little med	ium to fine Gravet	[6-65]		
71		S-15	9 31	Br cf S, t S,	l mf G		NAME OF THE PERSON NAME OF THE P	Rec = 16"	
-		2					8	wet = 10.	

		h Amboy	& ASSOCI , N.J.	, , , , , , , , , , , , , , , , , , , ,		BORING LOG		BORING NUMBE	
Project				85-15 Que	l ns Blyd. Queer	ie NV	SKARONIP I NOSLINISI	CHENTE	13-7
Client:		85-15 Q	ucens Boul	evard Realt	v. LLC	15, 14 8		SHEET NO.: JOB NUMBER:	4 01 15
Depth	Casing	Sample	Blows on	S	Colonia de propositione de la constantina del constantina de la constantina de la constantina del constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la cons	AND THE PROPERTY OF THE PROPER	all the second s	AND INDIVIDUAL	01-16
(ft.)		Number	Sample	У				- Section 1	
1	pre Foot		Spoon						
	POUL :	A STREET CONTROL OF THE STREET	per 6"		IDENTIFIC.	ATION	COMMUNICATIVA CONTRA	REMAR	KS
73								No. of the Control of	
- 1									
74									
75				l				2000	
j.	***************************************								
76									
77					Brown coarse to f	<u>ine SAND, trace</u> . <u>to fine Gravel</u> [6-65]			
1					gae, neue areurani	rome Graver 10-02!			
78									
79	and the second								
"	- Indiana								
80	1								
ľ			32	Bref S, t S	.lmfG				
81		S-16	40		,			Rec = 18"	
			44				8	wet	
82		ŀ	37				2,0940000		
83	CAA-Change	1					th property of		
<u> </u>		Ì					Weldton		
84			The second of th				u ve anno		
85		-							
							85'0"		
86							9		
87	of Friday Control	-		-))T=4050		
		r					yez/page		
88		-					easterna.		
89		F		-			o American		
ļ		ŀ					TO A VALLEY CO.		
90				_			demonst.		
	1)	2	Or It bricf S	, t \$, t(-) f G		Milloom		
91		S-17	27				Į į	Rec = 21"	
92		14	8			n course to fine SAND.	. Salar	vet	
		1	32			dium to fine Gravel	WATER		
93		F			[7-65]		httpschtto		
84		L					1000		
94		-					emvensora.		
95		-					95'0"		
					***************************************		730		
96				G	ray coarse to fine	SAND, some Silt.	TPRESSER		
97	-	-		<u>li</u>	tle medium to fin	<u>e Gravel</u> [6-65]	n de		

		ih Amboy	& ASSOCI	AILS	TEST BORING LO)G	BORING NUMBI	
roject		Propose	d Building	85-15 Que	1 ens Blvd. Queens, NY			B-7
lient:		85-15 Q	reens Boul	evard Real	v. LLC		SHEET NO.:	5 of 5
Depth	Casing	Sample	Blows on	S	A STATE OF THE PROPERTY OF THE	terrorika Constitutionan Cutosian (notae anno anno anno anno anno anno anno an	JOB NUMBER:	01-16
(ft.)		Number						
	ore		Spoon					
Ì	Foot		per 6"		IDENTIFICATION		0.0344.5	120
***************************************	CHHIDOLOGIANO	d down or who a transported	NUMBER OF STREET	AND STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, ST		CONTRACTOR AND AND AND AND AND AND AND AND AND AND	REMA	MANS
98								
ļ								
99					Gray coarse to fine SAND, son	me Silt		
ſ					little medium to fine Gravel	[6-65]		
100					THE SECOND SECOND	[4-42]		
ľ		'	15	Gr mf S,	\$\$ ImfG			
101		S-18	27			I A HAH	Ta	
			39	Or mf S, a	· S		Rec = 22"	
102	operation de		40	,	Orange medium to fine Sand :	and Silt 102'0"	wet	
					[7-65]	102U		
103		İ			End of Boring @ 102'0"			
		İ			The state of the s	ĺ		
104		dravas		Old Demokrati		ĺ		
		Ī						
105				i				
	1							
106						770		
107	ļ	-				9000000		
10/		}-				Smith Control		
108		H				2000		
-		r				100/1025		
109		ľ				Thrower,		
						WALLEY CO.		
110		1		l		Name of the last o		
111		-				North Allendaria		
7 2 1		-				CONTRACT OF THE CONTRACT OF TH		
112		-				Accompany		
-		-				Mune		
113		-				iitibii iilba		
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114		<u></u>				POVINGE DE LA CONTRACTION DEL CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA		
115		-				NO MARKA		
117	Ministra Martinavina	<u> </u> -				Water		
116		-		1		odisweloo		
-		<u> </u>				versedikyi		
117						siemotus;		
						CON MARK		
118						Special specia		
119	Ī	<u> </u>				Victorial Actions in the Company of		
(17)	***************************************	-				Median of the second		
120		<u> </u>				Wentan		
		<u> </u>				A Comment of		
121						17.2300507		
		-				9006534		
22						Ų		

		verson a ih Amboy	& ASSOCI	ATES	direct control	TEST BO	ORING LO	G	200000000000000000000000000000000000000	BORING NUMBE	in in the second second second second second second second second second second second second second second se
rojec				85-15 Que	Inc Block	Queens	NI V	lanus exemply (company)	STREET, VISION LLANCE (CO.	ATTENDRESS AND AND AND AND AND AND AND AND AND AND	B-8
lient	.,	85-15 O	ucens Bon	evard Realt	v IIC	Queens,	, 14 2			SHEET NO.:	l of 3
	g Contr	actor:		lorings, Inc.					***************************************	JOB NUMBER:	01-161
	NDWA.		ELONG HARCESTANISCH	With the second division of the second divisi	The second second	CASINO	SAMPLE	CODE	TETR TREET	ELEVATION:	F.19.3
DA'	TE	TIME	DEPTH	CASING	TYPE	IISA	SS	CONE		J	-
Jan	02	0130	11'0"	HSA	DIA.	3 1/4"	1 3/8" ID			START DATE:	08 Jan C
	***************************************		1	, , , , , , , , , , , , , , , , , , , ,	WGHT	0 27-4	140#			FINISH DATE:	08 Jan 0
		The second secon	1		FALL		36"			DRILLER: INSPECTOR:	M. Jenno
epth	Casing	Sample	Blows on	S	Samuel Control of the	eta (italiana) Atau Balista pan	James de la companya del companya de la companya del companya de la companya de l		and the state of t	MASERCECE:	VCP
ft.)	Blows	Number	Sample	у							
	pre		Spoon								
-	Foot	and the same of th	per 6"		ME	VTIFICAT	TION			REMAR	20°C
				THE STREET STREET	Total Control of the	ASPHAI	I	Ziloniampirje(s)/Zilonispor(0'3"	and a time of the state of the	BEND
			8	Fill (Dk b	r cf S, 1 \$,	l cf G, occ	. brick & as	phalt)			
2		S-1	28							Rec = 12"	
3	A THE CASE OF THE		42							moist	
-		ļ	31 34						9		
4	1	S-2	29	ldo	Maria Capita	X			2000		
* Territoria			40		<u>rm (Dark</u> little Cit	Drown, C	parse to fin	SAND.	ä	Rec = 10"	
5	1	Ì	37		occasional	briek ee	se to fine G	rayel,		moist	
C. Company		ļ	22	do.	v-casifiiii	111-65	phalt, wood	. concre		Auger refusal @3'0"	
6	i i i i i i i i i i i i i i i i i i i	S-3	34	90		[41-02]				Relocated boring	
Î			15						25	Rec = 6"	
7		Ì	82							moist	
ſ		ľ	19	Fill (Br of :	S, t (+) \$, a	of G. occ	wood brick	: senhult		Auger refusal @ 7'0' Relocated boring	
8		S-4	84	concrete)	, (, , , , ,	72 31 200	mona, orrer	c, uașmen		Rec = 12"	
			21						8	moist	
9			37						awona.		
7.64		-]					SOCIAL SECTION		
10		ŀ	<u>, </u>						10'0"		
		s-5 F	4 0	Gr Sy C					O S-Authors		
- 1	~***********	Ş	6						2	Rec = 22"	
12		F	17						3	noist	
-	a a rooman or or or or or or or or or or or or or			1	<u> Fray Silty</u>	CLAV	10. 621		of section (pp=1.75 TSF	
13		-			THAY DILLY	S-L-(R X	x-03		Tana room		
		F							Zian Diois		
14	an a communicação de properciona de la communicação de la communicação de la compansión de la compansión de la			1					TOWNSON THE PERSON NAMED IN		
15		-	- Love						SALLANDIA.		
16		S-6		do					10/5/02		
17		1	10				4. %		ytage Market	tec = 24"	
17		1	16						8	noist	
-		-	10						þ	p=2.0 TSF	
18		-							2000		
		-							10/2/macca		
19											
									į		
20									S-PARTAMENT		
		3:		do					t-clange:		
21		9-7	97						R	ec = 16"	
22		35		A 1 32					21'9" n	ioist to wet	
in it is to be a second	MANUFACTURE COMM	27672 (272 to 100 to 100 to 100 to 100 to 100 to 100 to 100 to 100 to 100 to 100 to 100 to 100 to 100 to 100 to	45	Gr br cf S, s	5, Let G	[0-65]	***************************************		J3	p=1.75 TSF	

	Sam	h Amboy	NI		TEST BORING LOG	BORING NUMBI	6.8%
Project	TOTAL PARTICULAR VICTORIANS	Propose	i Duilding	05 15 1	Queens, NY		В
Client:		94-14 A	u mana Barl	7 51-50	Queens, NY cally, LLC	SHEET NO.:	2 (
	Casing	Commis	Blows on	evaru is	only, ell-	JOB NUMBER:	01-
(ft.)	Blows	Number				and the state of t	PANELHERANDS
(100.)	DAG.	HARRINGE	,	y		DATE OF THE PERSON OF THE PERS	
280446	Foot		Spoon			200	
and and a second	A SARAT. DESCRIPTIONNES	- CONTACTOR OF STREET	per 6''	****	DENTIFICATION	REMAR	eks
-						the second secon	session of the second
23						A440	
İ						WWW.	
24	ĺ					Ì	
Ì							
25	j						
ľ	~~~		18	Br of S	S, I \$, a cf G, occ cobbles & boulders	ĵ	
2.6	o participati	S-8	27	13, 01	s, 1 s, a ci o, occ coooles & bounders		
		4.	24			Rec = 12"	
27	İ	ľ	28			wet	
		ĵ		7			
28							
29		-					
30		<u> </u>				2	
30		Ĺ].			
31	i i	S-9		do			
- 3.		}	18		_	Rec = 18"	
22	1	1	2	1	Brown coarse to fine SAND, little Sill,	wet	
32		<u>_</u>	75	l	and coarse to fine Gravel, occasional		
33	1				cobbles and boulders		
22		-			[6-65]		
34	Ī	-					
"		-					
35	ordina _{de}	-					
		fr.	4	do			
36	ĺ	S-10	19				
		2:	5			Rec = 14"	
37			42			wet	
26							
38							
39	į						
27		<u> </u>					
40		<u> </u>				100	
·``}		174		lo		NAME OF THE PROPERTY OF THE PR	
4)	-	S-11	28	1O		73.00mgs	
-		36				Rec = 4"	
42		130	38			wet	
	_	H				No.	
43		1				752 Production of	
		1				0142	
44						Understood .	
4.7						Manager II	
45						Demograp	
1.5		9		0		Grande	
46		5-12	16			Rec = 22"	
47		31				wet	
77)	ì	32			8	

CARL		VIPSON & Ih Amboy	& ASSOCI	ATES	S TEST BORING LOG		BORING NUMBI	
Project				85-1	5 Queens, NY	STANKELIN MENTAL CO.	SHEET NO.:	B.8
Client:		85-15 Qt	icens Boul	evard	I Realty, LLC		JOB NUMBER:	3 of 3 01-16
Depth	Casing	Sample	Blows on	S	and the state of t	actions, interpretation con	Management of the State of Sta	wessessment of the Control
(ft.)	Blows	Number	Sample	у				
	pre		Spoon	The state of the s				
	Foot	STATE OF THE STATE	per 6"		IDENTIFICATION		REMAR	KS.
					And a second second second second second second second second second second second second second second second		NAMES AND ASSESSMENT OF THE PROPERTY OF THE PR	watere exercises
48	······································							
49					Brown coarse to fine SAND, little Silt,			
491	~				and coarse to fine Gravel, occasional			
50					cobbles and boulders [6-65]			
20			4					
51		S-13	4 17	do				
71		ì	18			- 1	Rec = 2"	
52			22				wet	
	PARAMETER STATE OF THE STATE OF			4	End of Boring @52'0"	52'0"		
53					medaan_da_a_aasaa_aada_aadaa			
f								
54				-		200		
ľ	Pression and Pression Ass	ļ		l		Ameliano		
55		Ī	****					
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56	-					A A A A A A A A A A A A A A A A A A A		
						50000		
57	***************************************	}				CERCEPORT		
58	Otherwood	-				SCONGO		
-		ļ				SPEAGE		
59						e en antico		
60	-	-				(c) MAGN		
90		1				SHAMMA		
61		ħ				an an an an an an an an an an an an an a		
Ī		<u></u>				Distanton		
62[_						SWEET LEGS		
63		1				and the second		
0.5		-				Perox Sa		
64	}	ŀ				VZZYCYNEGO		
ľ		r				system.		
65	****					50 Sept.		
66		***************************************				weers		
00		-						
67		H				Ministrate		
		F				***************************************		
68						Withern		
69	}	<u> </u>				ĺ		
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70		-						
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71						Village Co.		
77						outsutska		
72						ilini o	Section	