

#### Soil Handling Requirements:

Area	Approximate Depth of Demarcation Layer	Allowable Action for Soil (see Note 1):	
		Above Demarcation Layer	Below Demarcation Layer
A	2 feet below grade	Reuse at any on-site location/depth	Reuse below demarcation layer, pavement, or building slab
B	5 feet below grade	Reuse at any on-site location/depth	Reuse below demarcation layer, pavement, or building slab
C	2 feet below grade	Reuse at any on-site location/depth	0-10.5 feet bgs: Soil may be reused on-site at any location/depth >10.5 feet bgs: Soil may only be reused below demarcation layer, pavement, or building slab
D	Not present	Soil below slab may only be reused below demarcation layer, pavement, or building slab	
E	Not present	Soil below slab may only be reused below demarcation layer, pavement, or building slab	
F	7 feet below grade	Reuse at any on-site location/depth	Reuse below demarcation layer, pavement, or building slab
G	1.0 to 1.5 feet below grade	Reuse at any on-site location/depth	Reuse below demarcation layer, pavement, or building slab

#### Notes:

- 1) If soil is not be reused on-site, it must be disposed off-site.
- 2) bgs - below grade surface

SOURCE #1:  
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REF.NO.: B2314-010, TITLE NO.: BRX-239244-L

SOURCE #2:  
DONALD G. DEKENIPP L.S., P.C., PROFESSIONAL LAND SURVEYOR, 222 GREENE AVENUE, SAYVILLE, NY 11782  
(631) 589-5350  
PROJECT NO. 111027, SURVEYED: NOVEMBER 1, 2011, TITLE: MONITORING WELL SURVEY OF PROPERTY SITUATED AT MOTT HAVEN, BOROUGH OF THE BRONX CITY OF NEW YORK.

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IT IS A VIOLATION OF THE NY'S EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE/SHE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

#### LEGEND:

P.O.B. .... POINT OF BEGINNING  
C.L.F. .... CHAIN LINK FENCE  
BLDG. .... BUILDING  
CONC.BLK. .... CONCRETE BLOCK  
CONC.RET. .... CONCRETE RETAINING WALL

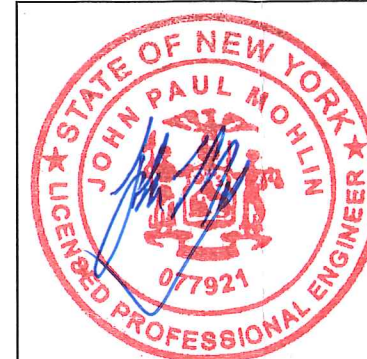
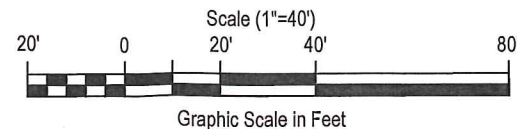
LOT AREA:  
79,254.5 SQ.FT. = 1.8194 ACRES

BUILDING AREA:  
±21,510.9 SQ.FT.

--- EXCAVATION BEYOND 2'  
--- BUILDING OUTLINE  
--- OTHER PROPERTIES  
--- PROPERTY LINE

- A APPROXIMATE 2 FOOT SOIL COVER — DEMARCATION LAYER APPROXIMATELY 2 FEET BELOW GRADE  
B APPROXIMATE 5 FOOT SOIL COVER — DEMARCATION LAYER APPROXIMATELY 5 FEET BELOW GRADE  
C APPROXIMATE 10.5 FOOT SOIL COVER — DEMARCATION LAYER LOCATED AT 2 FT BELOW GRADE. SOIL MAY BE REUSED ONSITE UP TO A DEPTH OF 10.5 FEET BELOW GRADE IN THIS AREA  
D BUILDING SLAB COVER  
E ASPHALT PAVEMENT COVER  
F APPROXIMATE 7 FOOT SOIL COVER — DEMARCATION LAYER APPROXIMATELY 7 FEET BELOW GRADE  
G APPROXIMATE 1.0 TO 1.5 FOOT SOIL COVER WITH CONCRETE PAD BELOW SOIL COVER. DEMARCATION LAYER AT APPROXIMATELY 1.0 TO 1.5 FEET BELOW GRADE.

NOTE: DEMARCATION LAYER CONSISTS OF ORANGE CONSTRUCTION FENCING.



## LOCATION OF COVER SYSTEM & SOIL HANDLING REQUIREMENTS

PREPARED FOR  
**BORINQUEN COURT  
BRONX, NY**

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FIGURE  
**1-12a**