



NYC Parks



NYC Parks

Consulting Arborist Report Type 1

SECTION 1-Application Information

CONSULTING FIRM NAME MVR High | LINE ARBORIST
 TEL# 646-229-6647 FAX# _____ EMAIL mvr@highlinearborist.com
 CONSULTING ARBORIST ONSITE Michael Victor Ruggiero | MVR ISA CERTIFICATE NUMBER NY-5409A
 MAILING ADDRESS PO Box 938 CITY NY, NY ZIP CODE 10011
 CONTRACTOR/UTILITY COMPANY NAME SHAKER CONTRACTING TEL# 929-846-8928
 CONTRACTOR/UTILITY COMPANY ADDRESS 236 Emerson Ave Bronx, NY ZIP CODE 10465
 WORK LOCATION:
 STREET ADDRESS 330 W. 55th St. New York, NY
 CROSS STREETS Between 8th and 9th Ave BOROUGH Manhattan
 DATE OF WORK 7 / 6 /16 -- 7 / 14 / 16 PERMIT NUMBER _____

SECTION 2- Tree and Work Site Details (All mitigation work must be done in the presence of the CA)

TREE	Species	Trunk Diameter (dbh) inch	Canopy Spread (Ft)	Tree Protection Zone (Dbh X 1.5ft.)	Tree Bed Dimension W'xL' i.e. - 5ftx10ft	Excavation area Dimensions W'xL'xD" i.e. - 5ftx10ftx36inch	Distance From Tree To Excavation Area (inch) (At Closest Point)	Curb - Driveway - Sidewalk Installation (I) - Repair (R)	Electric Service Installation (I) - Repair (R)	Gas Service Installation (I) - Repair (R)	Sewer - Water Service Installation/Repair	Retaining Wall Installation (I) - Repair (R)	Vault Installation (I) - Repair (R)	Cable/Internet/Communication Installation (I) - Repair (R)	Remedial Work Required By NYC Parks **Attach Notes**	Other: ATTACH NOTES
1	<u>Gleditsia t.i. Com Th.Honeylocust</u>	16"	45'	24'	4' x 5'	3'x100"x24"	1.5'	I								
2	<u>Platanus x acer. London Planetree</u>	16"	30'	24'	4' x 5'	3'x100"x24"	1.5'	I								
3	<u>Gleditsia t.i. Com Th.Honeylocust</u>	16"	35'	24'	4' x 5'	3'x100"x24"	1.5'	I								
4																
5																
6																
7																
8																
9																
10																

DESCRIBE IMPACTS AND ANY MITIGATION ACTIONS EMPLOYED

IMPACT: Negligible. After crew jackhammered sidewalk and concrete curb footing streetside, and then excavated broken footing pieces, existing 18" deep granite curb simply fell over with pry bar, leaving vertical face behind curb completely intact, as well as all tree roots growing along it. See attached, annotated photos. **MITIGATION:** Beds enlarged to 5' x 10'.

WEATHER CONDITIONS ON DATE OF WORK (High temp, Precipitation, Etc.)

Sunny 95° F

Time Work Began Wed, 7-6-16 12:30 PMTime work concluded Wed, 7-7-16 4:00 PM



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SECTION 3- Photo Documentation

Shown are 4'x 5' bed dimensions before curb & sidewalk work started on July 6, 2016.



Removal of 18" granite curb required excavation streetside (north) of curb ONLY, as shown. Excavation depth of 24" allowed crew to break then remove northern half of concrete footing



After broken half of footing was removed, the 12' long, 18" granite slabs simply fell northward with a pry bar. Slabs' tight fit /wedged condition and heavy weight facilitated 'dropping' of the curb. After first was pryed out, the rest fell like dominos – peeling away from tree beds and root zones, *cleanly*, in less than an hour of time. (Hats off!)

The vertical 'face, or wall of earth, behind the curb was fully intact after prying the curb away from it, as were all tree roots growing vigorously right at the face, to strengthen and hold it up. Close-ups on next page.



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Exemplary profiles like this of intact tree roots for entire work length was unbelievable, but amazing to see. An accomplishment, by any measure.

This is sheer vertical soil 'face' left standing after granite slabs dropped away. Note the hefty roots descending from trunk of **Tree 1** Honeylocust.

REPRESENTATIVE CLOSE-UPS OF 100' LENGTH EXCAVATION

With these **zero**-impact results documented, HLA CA questions *why* 'drop' removal procedure by contractor here isn't spelled out more? Does *anyone* know?

What's not in question? A sure means to keep most, if not all, street tree roots intact is to pry away and 'drop' curbs in the course of removing them, especially when maximum root preservation is critical for saving a tree.



Bed 1



Bed 2



Bed 3

MITIGATION
Bed areas expanded to 5' x 10'.

Bed 3 expanded westward only, according to property line and owner limit of responsibility.




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Signature Certification

I hereby certify that I have presented an accurate and truthful representation of the work conducted at the location described herein. I have worked to ensure compliance with all accepted professional standards in arboricultural practices and to ensure compliance with all applicable laws, regulations, policies and ethical standards. In the event the contractor has failed to comply with all applicable laws, regulations, policies and ethical standards; or created conditions that may present a hazard to people or property, I have immediately notified the appropriate representative of New York City Department of Parks and Recreation.

X 

NY-5409A

ISA Certification# _____

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NYC PARKS OFFICE USE ONLY:

CONSULTING ARBORIST REPORT ☐ APPROVED ☐ REJECTED

DATE: _____

NYC DPR EMPLOYEE NAME _____ TITLE _____