

THE TOWN OF NORTH HEMPSTEAD

ARBORIST TREE ASSESSMENT REPORT FOR MANORHAVEN BEACH PARK



DECEMBER 2015

PREPARED BY:

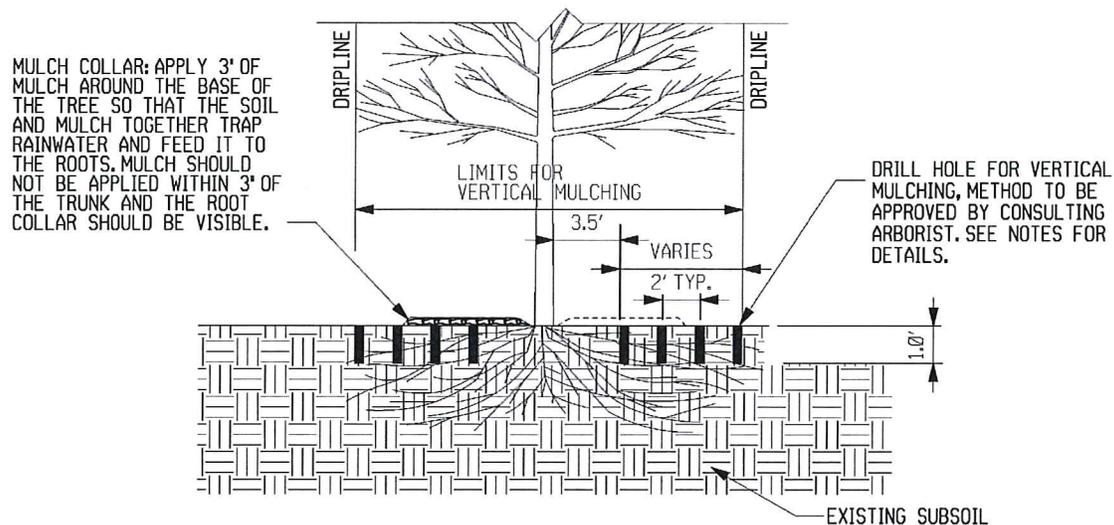


B. THAYER ASSOCIATES

Town of North Hempstead Arborist Assessment Report December 2015

Tree Mitigation Techniques – Vertical Mulching with Mulch Collar Detail

Vertical Mulching is used for stressed trees and where soil compaction is common. Vertical Mulching benefits trees by improving the movement of water, air, and nutrients. Approved drilling methods and tools including pneumatic excavation shall be used for drilling of holes for root zone restoration. Drilling equipment shall be hand held or light weight devices (no heavy machinery) so as to avoid further impact to tree roots through compaction. Holes shall be drilled and existing soil removed within a zone beginning 3 feet from the trunk of the specified tree and extending to its dripline on an approximately 2-foot x 2-foot grid. Dimensions of holes or drill size shall be approximately 2 inches in diameter and a minimum of 12 inches deep. Efforts should be made to avoid drilling through large tree roots (especially near the trunk). When woody roots are encountered, the drill hole shall be moved to avoid root damage. All Vertical Mulching shall be done under the direction of the Consulting ISA Arborist.



NOTES:

1. VERTICAL MULCHING SHALL BE PERFORMED AT ALL TREES DESIGNATED FOR MITIGATION.
2. FILL HOLE WITH 50% MYCORRHIZAL FUNGI MIXTURE AND 50% COARSE SAND.
3. MULCH SHALL BE APPLIED AS DIRECTED BY THE CONSULTING ARBORIST.
4. FOLLOWING COMPLETION OF VERTICAL MULCHING, FORM A PERMANENT MULCH COLLAR AROUND THE BASE OF THE TREE.

VERTICAL MULCHING AT EXISTING TREE
NTS



100 Crossways Park Drive West, Ste 104
Woodbury, New York 11797

t: 516.364.0660
f: 516.364.0668

www.bthayerassociates.com

Assignment:	Tree No.:
1	1

Arborist Assessment Report	Location: Manorhaven Beach Park - Port Washington, NY	Date: 12/08/2015
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Inspector: Dan Maher	Weather: Overcast	Lat/Long: N 40° 50' 21.95" W 73° 42' 55.38"	Time: 12:33
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Specimen:	Common Name: LONDON PLANETREE	Scientific name: <i>Platanus x acerifolia</i>
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Descriptor	Value	Range
Girth	28"	Trunk Diameter Measured at Breast Height (DBH)
Approx. Height	55-60'	Approximate Height to top of Canopy
Canopy	N 21' ,S 17' ,E 16' ,W 16'	Canopy Radius in Feet - North South East West
Condition	2	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development

Tree/Root Base/Pit	Recent utility line installed in close proximity to trunk, major impacts to roots is likely to have occurred; minor mechanical damage at base from landscape maintenance.
Trunk Condition and Main Scaffold Branches	Major sprouting on trunk and scaffold branches; bark discoloration and defoliation around recent scaffold removal.
Crown/Structure , Branches & Leaves	Thin crown; minimal fruiting on small branches; poor small branch structure; minor dead branches; tree was not assessed during full leaf.
Pest / Disease	Evidence of bird or insect activity.
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to pool area.

Character	Y	Does the tree make an important contribution to the character or amenity of the area?
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?
Habitat	N	Does the tree represent important habitat for native fauna?
	N	Is the tree part of a wildlife Corridor, Buffer, etc?

Notes: Evidence of pruning to major scaffold branches and smaller branches, water sprouting around old pruning cuts. Lawn area at base of tree shows signs of utility excavation. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms. Damage caused by root cutting due to utility excavation can further reduce tree structure.

<p>Recommendations: This tree should be removed prior to reopening of the pool area. For tree replacement it is recommended to use <i>Platanus x acerifolia</i> 'Liberty'. Replacements should be planted immediately following removals and it is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. Implement a comprehensive program of tree management including soil testing.</p>	Level of Urgency
	2

Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None





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Assignment:	Tree No.:
1	2

Arborist Assessment Report		Location: Manorhaven Beach Park - Port Washington, NY	Date: 12/08/2015
Inspector: Dan Maher	Weather: Overcast	Lat/Long: N 40° 50' 22.2" W 73° 42' 55.44"	Time: 12:46
Specimen:	Common Name: LONDON PLANETREE	Scientific name: <i>Platanus x acerifolia</i>	
Descriptor	Value	Range	
Girth	24"	Trunk Diameter Measured at Breast Height (DBH)	
Approx. Height	55-60'	Approximate Height to top of Canopy	
Canopy	N 15' ,S 13' ,E 18' ,W 14'	Canopy Radius in Feet - North South East West	
Condition	3	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent	
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development	
Tree/Root Base/Pit	Minor mechanical damage at base from landscape maintenance.		
Trunk Condition and Main Scaffold Branches	Large vertical cracks on trunk; old pruning cuts not completely healing; minor lean towards pool area, water sprouting on trunk and scaffold branches.		
Crown/Structure , Branches & Leaves	Thin crown; minimal fruiting on small branches; minor dead branches; tree was not assessed during full leaf.		
Pest / Disease	No noticeable signs.		
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to pool area.		
Character	Y	Does the tree make an important contribution to the character or amenity of the area?	
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?	
Habitat	N	Does the tree represent important habitat for native fauna?	
	N	Is the tree part of a wildlife Corridor, Buffer, etc?	
<p>Notes: Branches hanging over adjacent pool area, evidence of removal of major scaffold branches over pool area, and recent pruning on most of remaining scaffold branches. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.</p>			
<p>Recommendations: It is recommended to implement a program that continues to monitor this tree by an ISA Arborist and If condition continues to decline, consider removal. For recommended treatment, proper corrective pruning that follows ANSI A300 standards should be performed to remove dead branches over the pool area before it reopens. Additionally, it is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. Vertical mulching is recommended for mitigation, this is a technique that benefits stressed trees by improving the movement of water, air, and nutrients in the root zone and should be performed by a qualified tree care professional. The Town should implement a comprehensive program of tree management including soil testing.</p>			Level of Urgency
<p>Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None</p>			2





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Assignment:	Tree No.:
1	3

Arborist Assessment Report		Location: Manorhaven Beach Park - Port Washington, NY	Date: 12/08/2015
Inspector: Dan Maher		Weather: Overcast	La/Long: N 40° 50' 22.47" W 73° 42' 55.52" Time: 12:59
Specimen:	Common Name: LONDON PLANETREE	Scientific name: <i>Platanus x acerifolia</i>	
Descriptor	Value	Range	
Girth	26"	Trunk Diameter Measured at Breast Height (DBH)	
Approx. Height	55-60'	Approximate Height to top of Canopy	
Canopy	N 14' ,S 23' ,E 21' ,W 21'	Canopy Radius in Feet - North South East West	
Condition	3	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent	
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development	
Tree/Root Base/Pit	Mechanical damage at base from landscape maintenance.		
Trunk Condition and Main Scaffold Branches	Vertical cracks on trunk; water sprouting on trunk and scaffold branches; partially dead scaffold branches.		
Crown/Structure , Branches & Leaves	Thin crown; moderate fruiting on small branches throughout the canopy; minor dead branches hanging over pool deck; tree was not assessed during full leaf.		
Pest / Disease	No noticeable signs.		
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to pool area.		
Character	Y	Does the tree make an important contribution to the character or amenity of the area?	
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?	
Habitat	N	Does the tree represent important habitat for native fauna?	
	N	Is the tree part of a wildlife Corridor, Buffer, etc?	

Notes: Branches hanging over adjacent pool area. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.

Recommendations: It is recommended to implement a program that continues to monitor this tree by an ISA Arborist and If condition continues to decline, consider removal. For recommended treatment, proper corrective pruning that follows ANSI A300 standards should be performed to remove dead branches over the pool area before it reopens. Additionally, it is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. Vertical mulching is recommended for mitigation, this is a technique that benefits stressed trees by improving the movement of water, air, and nutrients in the root zone and should be performed by a qualified tree care professional. The Town should implement a comprehensive program of tree management including soil testing.

Level of Urgency

2

Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None



		100 Crossways Park Drive West, Ste 104 Woodbury, New York 11797		t: 516.364.0660 f: 516.364.0668		www.bthayerassociates.com		Assignment:	Tree No.:
								1	4
Arborist Assessment Report				Location: Manorhaven Beach Park - Port Washington, NY				Date: 12/08/2015	
Inspector: Dan Maher				Weather: Overcast		Lat/Long: N 40° 50' 22.74" W 73° 42' 55.59"		Time: 1:15	
Specimen:		Common Name: LONDON PLANETREE		Scientific name: <i>Platanus x acerifolia</i>					
Descriptor		Value		Range					
Girth		27"		Trunk Diameter Measured at Breast Height (DBH)					
Approx. Height		60-65'		Approximate Height to top of Canopy					
Canopy		N 26' ,S 21' ,E 22' ,W 17'		Canopy Radius in Feet - North South East West					
Condition		3		Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent					
Approx. Age		E		NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development					
Tree/Root Base/Pit		Mechanical damage at base from landscape maintenance.							
Trunk Condition and Main Scaffold Branches		Major water sprouting on scaffold branches; die-back on major scaffold branch hanging over pool deck; old pruning cuts on scaffold branches not completely healed.							
Crown/Structure , Branches & Leaves		Thin crown; minimal fruiting on branches; dead smaller branches off scaffold branch mentioned above; tree was not assessed during full leaf.							
Pest / Disease		No noticeable signs.							
Setting		Along entrance path to park from Manorhaven Blvd., adjacent to pool area.							
Character		Y		Does the tree make an important contribution to the character or amenity of the area?					
		Indigenous		Is the tree indigenous, rare, endangered, invasive or exotic?					
Habitat		N		Does the tree represent important habitat for native fauna?					
		N		Is the tree part of a wildlife Corridor, Buffer, etc?					
Notes: Branches hanging over pool area, evidence of removal of major scaffold branches. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.									
Recommendations: It is recommended to implement a program that continues to monitor this tree by an ISA Arborist and If condition continues to decline, consider removal. For recommended treatment, proper corrective pruning that follows ANSI A300 standards should be performed to remove dead branches over the pool area before it reopens. Additionally, it is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. Vertical mulching is recommended for mitigation, this is a technique that benefits stressed trees by improving the movement of water, air, and nutrients in the root zone and should be performed by a qualified tree care professional. The Town should implement a comprehensive program of tree management including soil testing.									Level of Urgency
									2
Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None									
									



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Assignment:	Tree No.:
1	5

Arborist Assessment Report		Location: Manorhaven Beach Park - Port Washington, NY	Date: 12/08/2015
Inspector: Dan Maher		Weather: Overcast	Lat/Long: N 40° 50' 22.96" W 73° 42' 55.67" Time: 1:28
Specimen:	Common Name: LONDON PLANETREE	Scientific name: <i>Platanus x acerifolia</i>	
Descriptor	Value	Range	
Girth	25"	Trunk Diameter Measured at Breast Height (DBH)	
Approx. Height	55-60'	Approximate Height to top of Canopy	
Canopy	N 20", S 17', E 18', W 21'	Canopy Radius in Feet - North South East West	
Condition	3	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent	
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development	
Tree/Root Base/Pit	Mechanical damage at base and exposed root from landscape maintenance.		
Trunk Condition and Main Scaffold Branches	Minor vertical cracks on trunk; water sprouting on trunk and scaffold branches; recent pruning cuts on scaffold branches not completely healed.		
Crown/Structure, Branches & Leaves	Multiple dead small branches; moderate fruiting on small branches; tree was not assessed during full leaf.		
Pest / Disease	No noticeable signs.		
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to pool area.		
Character	Y	Does the tree make an important contribution to the character or amenity of the area?	
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?	
Habitat	N	Does the tree represent important habitat for native fauna?	
	N	Is the tree part of a wildlife Corridor, Buffer, etc?	

Notes: Branches hanging over pool area, evidence of recent pruning to smaller branches, branch die-back over portable shade structure on pool deck. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.

Recommendations: It is recommended to implement a program that continues to monitor this tree by an ISA Arborist and if condition continues to decline, consider removal. For recommended treatment, proper corrective pruning that follows ANSI A300 standards should be performed to remove dead branches before pool area reopens. Additionally, it is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. Vertical mulching is recommended for mitigation, this is a technique that benefits stressed trees by improving the movement of water, air, and nutrients in the root zone and should be performed by a qualified tree care professional. The Town should implement a comprehensive program of tree management including soil testing.

Level of Urgency
2

Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None



Arborist Assessment Report	Location: Manorhaven Beach Park - Port Washington, NY	Date: 12/08/2015
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Inspector: Dan Maher	Weather: Overcast	Lat/Long: N 40° 50' 23.23" W 73° 42' 55.72"	Time: 1: 40
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Specimen:	Common Name: LONDON PLANETREE	Scientific name: <i>Platanus x acerifolia</i>
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Descriptor	Value	Range
Girth	24.5"	Trunk Diameter Measured at Breast Height (DBH)
Approx. Height	55-60'	Approximate Height to top of Canopy
Canopy	N 15' ,S 18' ,E 25' ,W 19'	Canopy Radius in Feet - North South East West
Condition	2	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development

Tree/Root Base/Pit	Mechanical damage at base from landscape maintenance.
Trunk Condition and Main Scaffold Branches	Major vertical cracks on trunk; major water sprouting on trunk and scaffold branches; evidence of recent removal of major scaffold branches; partially dead major scaffold branches are declining.
Crown/Structure , Branches & Leaves	Thin crown; poor branching structure; poor small branch structure; tree was not assessed during full leaf.
Pest / Disease	No noticeable signs.
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to pool area and maintenance building.

Character	Y	Does the tree make an important contribution to the character or amenity of the area?
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?
Habitat	N	Does the tree represent important habitat for native fauna?
	N	Is the tree part of a wildlife Corridor, Buffer, etc?

Notes: Trunk within 35' of maintenance building and 25' of waterslide staircase on adjacent pool deck, branches hanging over pool area. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.

<p>Recommendations: This tree should be removed prior to reopening of pool area. For tree replacement it is recommended to use <i>Platanus x acerifolia</i> 'Liberty'. Replacements should be planted immediately following removals and it is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. The Town should implement a comprehensive program of tree management including soil testing.</p>	<div style="border: 1px solid black; padding: 5px;">Level of Urgency</div>
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Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None	<div style="border: 1px solid black; padding: 10px; font-size: 24px;">2</div>
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Assignment:	Tree No.:
1	7

Arborist Assessment Report Location: Manorhaven Beach Park - Port Washington, NY Date: 12/08/2015

Inspector: Dan Maher Weather: Overcast Lat/Long: N 40° 50' 24.26" W 73° 42' 56.02" Time: 2:00

Specimen: Common Name: LONDON PLANETREE Scientific name: *Platanus x acerifolia*

Descriptor	Value	Range
Girth	22.5"	Trunk Diameter Measured at Breast Height (DBH)
Approx. Height	55-60'	Approximate Height to top of Canopy
Canopy	N 19' ,S 15' ,E 18' ,W 21'	Canopy Radius in Feet - North South East West
Condition	3	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development

Tree/Root Base/Pit	Minor mechanical damage at base from landscape maintenance.
Trunk Condition and Main Scaffold Branches	Water sprouting on scaffold branches; old pruning cuts on trunk not completely healed.
Crown/Structure , Branches & Leaves	Thin crown; moderate fruiting; minor damage to small branches; minor die-back on small branches; tree was not assessed during full leaf.
Pest / Disease	No noticeable signs.
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to tennis courts.

Character	Y	Does the tree make an important contribution to the character or amenity of the area?
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?
Habitat	N	Does the tree represent important habitat for native fauna?
	N	Is the tree part of a wildlife Corridor, Buffer, etc?

Notes: Trunk is 8' from tennis courts, branches leaning over courts. Trunk is 1' from concrete slab for bleachers. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.

Recommendations: It is recommended to implement a program that continues to monitor this tree by an ISA Arborist and If condition continues to decline, consider removal. For recommended treatment, proper corrective pruning that follows ANSI A300 standards should be performed to remove dead branches. Additionally, it is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. Vertical mulching is recommended for mitigation, this is a technique that benefits stressed trees by improving the movement of water, air, and nutrients in the root zone and should be performed by a qualified tree care professional. The Town should implement a comprehensive program of tree management including soil testing.

Level of Urgency

Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None

2





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Assignment:	Tree No.:
1	8

Arborist Assessment Report		Location: Manorhaven Beach Park - Port Washington, NY	Date: 12/08/2015
Inspector: Dan Maher		Weather: Overcast	Lat/Long: N 40° 50' 24.51" W 73° 42' 56.16" Time: 2:16
Specimen:	Common Name: LONDON PLANETREE	Scientific name: <i>Platanus x acerifolia</i>	
Descriptor	Value	Range	
Girth	26"	Trunk Diameter Measured at Breast Height (DBH)	
Approx. Height	55-60'	Approximate Height to top of Canopy	
Canopy	N 20' ,S 17' ,E 22' ,W 20'	Canopy Radius in Feet - North South East West	
Condition	3	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent	
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development	
Tree/Root Base/Pit	Minor mechanical damage at base from landscape maintenance.		
Trunk Condition and Main Scaffold Branches	Minor water sprouting on scaffold branches; multiple trunk wounds from fallen branches that have not completely healed.		
Crown/Structure , Branches & Leaves	Moderate fruiting and small branch structure; tree was not assessed during full leaf.		
Pest / Disease	No noticeable signs.		
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to tennis courts.		
Character	Y	Does the tree make an important contribution to the character or amenity of the area?	
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?	
Habitat	N	Does the tree represent important habitat for native fauna?	
	N	Is the tree part of a wildlife Corridor, Buffer, etc?	

Notes: Trunk 8' from tennis courts, branches leaning over courts. 1' from concrete slab for bleachers. Evidence of removal of scaffold branches on side of tennis courts. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.

Recommendations: It is recommended to implement a program that continues to monitor this tree by an ISA Arborist and If condition continues to decline, consider removal. It is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. Vertical mulching is recommended for mitigation, this is a technique that benefits stressed trees by improving the movement of water, air, and nutrients in the root zone and should be performed by a qualified tree care professional. The Town should implement a comprehensive program of tree management including soil testing.

Level of Urgency

3

Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None





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Assignment:	Tree No.:
1	9

Arborist Assessment Report Location: Manorhaven Beach Park - Port Washington, NY Date: 12/08/2015

Inspector: Dan Maher Weather: Overcast Lat/Long: N 40° 50' 24.87" W 73° 42' 56.15" Time: 2:45

Specimen: Common Name: LONDON PLANETREE Scientific name: *Platanus x acerifolia*

Descriptor	Value	Range
Girth	29"	Trunk Diameter Measured at Breast Height (DBH)
Approx. Height	50-55'	Approximate Height to top of Canopy
Canopy	N 22' ,S 18' ,E 21' ,W 20'	Canopy Radius in Feet - North South East West
Condition	3	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development

Tree/Root Base/Pit	Mechanical damage at base and exposed root from landscape maintenance.
Trunk Condition and Main Scaffold Branches	Major trunk wounds from old pruning cuts that have not completely healed and appear to have canker rot; water sprouting on trunk and scaffold branches.
Crown/Structure , Branches & Leaves	Moderate fruiting on small branches; damaged branches hanging over tennis courts; relatively full canopy compared to adjacent trees; tree was not assessed during full leaf.
Pest / Disease	No noticeable signs.
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to tennis courts.

Character	Y	Does the tree make an important contribution to the character or amenity of the area?
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?
Habitat	N	Does the tree represent important habitat for native fauna?
	N	Is the tree part of a wildlife Corridor, Buffer, etc?

Notes: Trunk 6' from tennis courts and closest tree to entrance gate off Manorhaven Blvd. Evidence of recent removal of major scaffold branches. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.

Recommendations: It is recommended to implement a program that continues to monitor this tree by an ISA Arborist and If condition continues to decline, consider removal. For recommended treatment, proper corrective pruning that follows ANSI A300 standards should be performed to remove dead and damaged branches. Additionally, it is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. Vertical mulching is recommended for mitigation, this is a technique that benefits stressed trees by improving the movement of water, air, and nutrients in the root zone and should be performed by a qualified tree care professional. The Town should implement a comprehensive program of tree management including soil testing.

Level of Urgency
2

Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None





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Assignment:	Tree No.:
1	10

Arborist Assessment Report		Location: Manorhaven Beach Park - Port Washington, NY	Date: 12/08/2015		
Inspector: Dan Maher		Weather: Overcast	Lat/Long: N 40° 50' 24.82" W 73° 42' 56.65" Time: 3:00		
Specimen:	Common Name: LONDON PLANETREE	Scientific name: <i>Platanus x acerifolia</i>			
Descriptor	Value	Range			
Girth	33"	Trunk Diameter Measured at Breast Height (DBH)			
Approx. Height	60-65'	Approximate Height to top of Canopy			
Canopy	N 38' ,S 12' ,E 21' ,W 25'	Canopy Radius in Feet - North South East West			
Condition	3	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent			
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development			
Tree/Root Base/Pit	Minor mechanical damage at base from landscape maintenance; evidence of root compaction from heavy machinery underneath canopy.				
Trunk Condition and Main Scaffold Branches	Vertical cracks on trunk; water sprouting on scaffold branches; long scaffold branch leaning over entrance to park with major water sprouting; scaffold branch on west side of tree is growing into current light pole.				
Crown/Structure , Branches & Leaves	Uneven canopy; fruiting well on small branches throughout crown; minor damaged branches; tree was not assessed during full leaf.				
Pest / Disease	No noticeable signs.				
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to baseball field.				
Character	Y	Does the tree make an important contribution to the character or amenity of the area?			
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?			
Habitat	N	Does the tree represent important habitat for native fauna?			
	N	Is the tree part of a wildlife Corridor, Buffer, etc?			
<p>Notes: Recent excavation for a 10' x 10' concrete foundation for new light pole 13' away from trunk. New light pole may require pruning of major scaffold branch hanging over bleachers. Deep track marks close to trunk from heavy machinery used for excavation of new light pole foundation. Tree appears to be in moderate to good condition however, recent construction activities may add more stress to a tree that does show signs of impact from salt damages. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.</p>					
<p>Recommendations: It is recommended to implement a program that continues to monitor this tree by an ISA Arborist and if condition continues to decline, consider removal. For recommended treatment, proper corrective pruning that follows ANSI A300 standards should be performed to prune back scaffold branch over park entrance to reduce load on extended limb. Additionally, it is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. Vertical mulching is recommended for mitigation, this is a technique that benefits stressed trees by improving the movement of water, air, and nutrients in the root zone and should be performed by a qualified tree care professional. The Town should implement a comprehensive program of tree management including soil testing.</p>			<table border="1"> <tr> <td>Level of Urgency</td> </tr> <tr> <td>2</td> </tr> </table>	Level of Urgency	2
Level of Urgency					
2					
<p>Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None</p>					





100 Crossways Park Drive West, Ste 104
Woodbury, New York 11797

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Assignment:	Tree No.:
1	11

Arborist Assessment Report Location: Manorhaven Beach Park - Port Washington, NY Date: 12/08/2015

Inspector: Dan Maher Weather: Overcast Lat/Long: N 40° 50' 24.54" W 73° 42' 56.58" Time: 3:16

Specimen: Common Name: LONDON PLANETREE Scientific name: *Platanus x acerifolia*

Descriptor	Value	Range
Girth	31"	Trunk Diameter Measured at Breast Height (DBH)
Approx. Height	60-65'	Approximate Height to top of Canopy
Canopy	N 20' ,S 13' ,E 19' ,W 21'	Canopy Radius in Feet - North South East West
Condition	2	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development

Tree/Root Base/Pit	Major root damage due to excavation for a 10' x 10' concrete foundation for new light pole less than 1' away from trunk.
Trunk Condition and Main Scaffold Branches	Major water sprouting on trunk and scaffold branches; trunk wounds from old pruning cuts have not completely healed and appear to have canker rot; dead scaffold branches.
Crown/Structure , Branches & Leaves	Thin crown; poor fruiting on small branches; dead small branches; tree was not assessed during full leaf.
Pest / Disease	No noticeable signs.
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to baseball field.

Character	Y	Does the tree make an important contribution to the character or amenity of the area?
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?
Habitat	N	Does the tree represent important habitat for native fauna?
	N	Is the tree part of a wildlife Corridor, Buffer, etc?

Notes: Recent excavation for a 10' x 10' concrete foundation for new light pole less than 1' from trunk has caused major damage to large roots. The location of the new light pole appears to require major pruning to scaffold branches directly above the foundation. Evidence of recent pruning cuts of scaffold branches. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.

Recommendations: Remove tree due to current condition, anticipated decline and recent severe impacts to root system by excavation. For tree replacement it is recommended to use *Platanus x acerifolia* 'Liberty'. Replacements should be planted immediately following removals and it is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. The Town should implement a comprehensive program of tree management including soil testing.

Level of Urgency
2

Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None





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Assignment:	Tree No.:
1	12

Arborist Assessment Report Location: Manorhaven Beach Park - Port Washington, NY Date: 12/08/2015

Inspector: Dan Maher Weather: Overcast Lat/Long: N 40° 50' 24.31" W 73° 42' 56.47" Time: 3:31

Specimen: Common Name: LONDON PLANETREE Scientific name: *Platanus x acerifolia*

Descriptor	Value	Range
Girth	26"	Trunk Diameter Measured at Breast Height (DBH)
Approx. Height	60-65'	Approximate Height to top of Canopy
Canopy	N 18' ,S 18' ,E 22' ,W 30'	Canopy Radius in Feet - North South East West
Condition	2	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development

Tree/Root Base/Pit	Minor mechanical damage at base from landscape maintenance; root compaction from heavy machinery underneath canopy.
Trunk Condition and Main Scaffold Branches	Vertical cracks on trunk; major water sprouting on trunk and scaffold branches; trunk wounds from old pruning cuts have not completely healed and appear to have canker rot; major die back on scaffold branch leaning over baseball field.
Crown/Structure , Branches & Leaves	Thin crown; poor fruiting on small branches; small branch die-back; tree was not assessed during full leaf.
Pest / Disease	No noticeable signs.
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to baseball field.

Character	Y	Does the tree make an important contribution to the character or amenity of the area?
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?
Habitat	N	Does the tree represent important habitat for native fauna?
	N	Is the tree part of a wildlife Corridor, Buffer, etc?

Notes: Multiple major scaffold branches appear to be declining and will need removal. Deep track marks close to trunk from heavy machinery used for excavation of new light pole foundation. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.

Recommendations: Remove tree due to current condition and anticipated decline. For tree replacement it is recommended to use *Platanus x acerifolia* 'Liberty'. Replacements should be planted immediately following removals and it is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. The Town should implement a comprehensive program of tree management including soil testing.

Level of Urgency
2

Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None





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Assignment:	Tree No.:
1	13

Arborist Assessment Report		Location: Manorhaven Beach Park - Port Washington, NY	Date: 12/08/2015
Inspector: Dan Maher		Weather: Overcast	Lat/Long: N 40° 50' 23.74" W 73° 42' 56.42" Time: 3:50
Specimen:	Common Name: LONDON PLANETREE	Scientific name: <i>Platanus x acerifolia</i>	
Descriptor	Value	Range	
Girth	35"	Trunk Diameter Measured at Breast Height (DBH)	
Approx. Height	60-65'	Approximate Height to top of Canopy	
Canopy	N 18' ,S 15' ,E 15' ,W 22'	Canopy Radius in Feet - North South East West	
Condition	3	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent	
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development	
Tree/Root Base/Pit	Minor mechanical damage at base from landscape maintenance; planting bed around base of tree.		
Trunk Condition and Main Scaffold Branches	Water sprouting on trunk and scaffold branches; open trunk wounds from old pruning cuts.		
Crown/Structure , Branches & Leaves	Uneven and thin crown; poor fruiting on branches; dead smaller branches; tree was not assessed during full leaf.		
Pest / Disease	No noticeable signs.		
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to baseball field.		
Character	Y	Does the tree make an important contribution to the character or amenity of the area?	
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?	
Habitat	N	Does the tree represent important habitat for native fauna?	
	N	Is the tree part of a wildlife Corridor, Buffer, etc?	
<p>Notes: Trunk is 28' away from pool maintenance building across concrete sidewalk. Evidence of recent removal of major scaffold branches. Remaining scaffold branches with major water sprouting appear to be declining. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.</p>			
<p>Recommendations: It is recommended to implement a program that continues to monitor this tree by an ISA Arborist and If condition continues to decline, consider removal. For recommended treatment, proper corrective pruning that follows ANSI A300 standards should be performed to remove dead branches. Vertical mulching is recommended for mitigation, this is a technique that benefits stressed trees by improving the movement of water, air, and nutrients in the root zone and should be performed by a qualified tree care professional. Implement a comprehensive program of tree management including soil testing.</p>			<p>Level of Urgency</p> <p>2</p>
<p>Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None</p>			



Arborist Assessment Report	Location: Manorhaven Beach Park - Port Washington, NY	Date: 12/08/2015
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Inspector: Dan Maher	Weather: Overcast	Lat/Long: N 40° 50' 23.46" W 73° 42' 56.27"	Time: 4:04
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Specimen:	Common Name: LONDON PLANETREE	Scientific name: <i>Platanus x acerifolia</i>
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Descriptor	Value	Range
Girth	31"	Trunk Diameter Measured at Breast Height (DBH)
Approx. Height	55-60'	Approximate Height to top of Canopy
Canopy	N 17' ,S 25' ,E 24' ,W 20'	Canopy Radius in Feet - North South East West
Condition	2	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development

Tree/Root Base/Pit	Minor mechanical damage at base from landscape maintenance; minor girdling roots; planting bed around base of tree; evidence of root compaction from heavy machinery underneath canopy.
Trunk Condition and Main Scaffold Branches	Major codominant leader has recently been removed; minor trunk damage from machinery; major water sprouting on trunk and scaffold branches; discoloration of remaining leader that appears to be declining in condition.
Crown/Structure , Branches & Leaves	Thin crown; poor small branching structure; tree was not assessed during full leaf.
Pest / Disease	No noticeable signs.
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to baseball field and across from a vehicle entrance to the pool area.

Character	Y	Does the tree make an important contribution to the character or amenity of the area?
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?
Habitat	N	Does the tree represent important habitat for native fauna?
	N	Is the tree part of a wildlife Corridor, Buffer, etc?

Notes: Block pavers have been installed underneath the canopy of this tree across from a maintenance vehicle entrance gate to the pool area. Excavation for new foundation of light pole 15' away from trunk, roots were likely impacted. Deep track marks close to trunk from heavy machinery used for excavation of new light pole foundation. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.

<p>Recommendations: Remove tree due to current condition and anticipated decline. For tree replacement it is recommended to use <i>Platanus x acerifolia</i> 'Liberty'. Replacements should be planted immediately following removals and it is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. The Town should implement a comprehensive program of tree management including soil testing.</p>	<div style="border: 1px solid black; padding: 5px;">Level of Urgency</div>
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Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None

2



		100 Crossways Park Drive West, Ste 104 Woodbury, New York 11797		t: 516.364.0660 f: 516.364.0668		www.bthayerassociates.com		Assignment:	Tree No.:
								1	15
Arborist Assessment Report				Location: Manorhaven Beach Park - Port Washington, NY				Date: 12/08/2015	
Inspector: Dan Maher				Weather: Overcast		Lat/Long: N 40° 50' 22.96" W 73° 42' 56.09"		Time: 4:20	
Specimen:		Common Name: LONDON PLANETREE		Scientific name: <i>Platanus x acerifolia</i>					
Descriptor		Value		Range					
Girth		29"		Trunk Diameter Measured at Breast Height (DBH)					
Approx. Height		55-60'		Approximate Height to top of Canopy					
Canopy		N 30' ,S 13' ,E 20' ,W 25'		Canopy Radius in Feet - North South East West					
Condition		2		Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent					
Approx. Age		E		NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development					
Tree/Root Base/Pit		Minor mechanical damage at base from landscape maintenance; planting bed around base of tree.							
Trunk Condition and Main Scaffold Branches		Codominant leaders; one of the leaders has major damage causing wood rot and discoloration appearing to be partially dead; trunk wounds from old pruning cuts have not completely healed and appear to have canker rot; major water sprouting on trunk and scaffold branches.							
Crown/Structure , Branches & Leaves		Thin crown; small branch die-back; poor fruiting on branches; tree was not assessed during full leaf.							
Pest / Disease		No noticeable signs.							
Setting		Along entrance path to park from Manorhaven Blvd., adjacent to baseball field.							
Character		Y		Does the tree make an important contribution to the character or amenity of the area?					
		Indigenous		Is the tree indigenous, rare, endangered, invasive or exotic?					
Habitat		N		Does the tree represent important habitat for native fauna?					
		N		Is the tree part of a wildlife Corridor, Buffer, etc?					
Notes: One leader is in very poor condition and will continue to decline, the other leader has major water sprouting and dead smaller branches. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.									
Recommendations: Remove tree due to current condition of major leader and anticipated decline. For tree replacement it is recommended to use <i>Platanus x acerifolia</i> 'Liberty'. Replacements should be planted immediately following removals and it is recommended to form a mulch collar around the base of the tree that will prevent any future damage caused by landscape maintenance and provide additional benefits to the tree. The Town should implement a comprehensive program of tree management including soil testing.								Level of Urgency	
								2	
Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None									
									



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Assignment:	Tree No.:
1	16

Arborist Assessment Report Location: Manorhaven Beach Park - Port Washington, NY Date: 12/09/2015

Inspector: Dan Maher Weather: Overcast Lat/Long: N 40° 50' 22.69" W 73° 42' 56.02" Time: 9:30

Specimen: Common Name: LONDON PLANETREE Scientific name: *Platanus x acerifolia*

Descriptor	Value	Range
Girth	25"	Trunk Diameter Measured at Breast Height (DBH)
Approx. Height	55-60'	Approximate Height to top of Canopy
Canopy	N 15' ,S 20' ,E 30' ,W 26'	Canopy Radius in Feet - North South East West
Condition	3	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development

Tree/Root Base/Pit	Minor girdling roots; planting bed around base of tree; minor mechanical damage at base from landscape maintenance.
Trunk Condition and Main Scaffold Branches	Water sprouting on scaffold branches; vertical cracks on trunk; trunk wounds from old pruning cuts that have not completely healed.
Crown/Structure , Branches & Leaves	Moderate fruiting on small branches; minor dead and broken branches; tree was not assessed during full leaf.
Pest / Disease	No noticeable signs.
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to baseball field.

Character	Y	Does the tree make an important contribution to the character or amenity of the area?
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?
Habitat	N	Does the tree represent important habitat for native fauna?
	N	Is the tree part of a wildlife Corridor, Buffer, etc?

Notes: Evidence of recent pruning of smaller branches, new branch growth from the cuts. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.

Recommendations: It is recommended to implement a program that continues to monitor this tree by an ISA Arborist and If condition continues to decline, consider removal. For recommended treatment, proper corrective pruning that follows ANSI A300 standards should be performed to remove dead and damaged branches. Vertical mulching is recommended for mitigation, this is a technique that benefits stressed trees by improving the movement of water, air, and nutrients in the root zone and should be performed by a qualified tree care professional. The Town should implement a comprehensive program of tree management including soil testing.

Level of Urgency
2

Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None



Arborist Assessment Report	Location: Manorhaven Beach Park - Port Washington, NY	Date: 12/09/2015
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Inspector: Dan Maher	Weather: Overcast	Lat/Long: N 40° 50' 22.41" W 73° 42' 55.94"	Time: 9:43
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Specimen:	Common Name: LONDON PLANETREE	Scientific name: <i>Platanus x acerifolia</i>
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Descriptor	Value	Range
Girth	27"	Trunk Diameter Measured at Breast Height (DBH)
Approx. Height	55-60'	Approximate Height to top of Canopy
Canopy	N 17' ,S 14' ,E 20' ,W 29'	Canopy Radius in Feet - North South East West
Condition	3	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development

Tree/Root Base/Pit	Planting bed around base of tree; minor mechanical damage at base from landscape maintenance.
Trunk Condition and Main Scaffold Branches	Vertical cracks on trunk; major pruning has occurred to remove scaffold branches; water sprouting on trunk and scaffold branches.
Crown/Structure , Branches & Leaves	Pruning has occurred on most all of the remaining scaffold branches leaving open wounds on many of the limbs. Evidence of fallen branches off scaffold branch; moderate fruiting on small branches; tree was not assessed during full leaf.
Pest / Disease	No noticeable signs.
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to baseball field.

Character	Y	Does the tree make an important contribution to the character or amenity of the area?
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?
Habitat	N	Does the tree represent important habitat for native fauna?
	N	Is the tree part of a wildlife Corridor, Buffer, etc?

Notes: Major pruning has occurred within the past few years to remove large scaffold branches; pruning evident on most remaining scaffold branches. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.

<p>Recommendations: It is recommended to implement a program that continues to monitor this tree by an ISA Arborist and If condition continues to decline, consider removal. For recommended treatment, proper corrective pruning that follows ANSI A300 standards should be performed to remove small dead and damaged branches. Vertical mulching is recommended for mitigation, this is a technique that benefits stressed trees by improving the movement of water, air, and nutrients in the root zone and should be performed by a qualified tree care professional. The Town should implement a comprehensive program of tree management including soil testing.</p>	Level of Urgency
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Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None

2





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Assignment:	Tree No.:
1	18

Arborist Assessment Report		Location: Manorhaven Beach Park - Port Washington, NY	Date: 12/09/2015
Inspector: Dan Maher		Weather: Overcast	Lat/Long: N 40° 50' 22.15" W 73° 42' 55.87" Time: 10:00
Specimen:	Common Name: LONDON PLANETREE	Scientific name: <i>Platanus x acerifolia</i>	
Descriptor	Value	Range	
Girth	28.5"	Trunk Diameter Measured at Breast Height (DBH)	
Approx. Height	55-60'	Approximate Height to top of Canopy	
Canopy	N 10' ,S 13' ,E 23' ,W 32'	Canopy Radius in Feet - North South East West	
Condition	3	Health of Specimen - 1 Dead - 2 Declining - 3 Moderate - 4 Good - 5 Excellent	
Approx. Age	E	NP=Newly Planted Within 5yrs M=Moderate 10-20 yrs old E=Existing before development	
Tree/Root Base/Pit	Planting bed around base of tree; minor mechanical damage at base from landscape maintenance.		
Trunk Condition and Main Scaffold Branches	Vertical cracks on trunk; major pruning has occurred to remove large scaffold branches; dead scaffold branches; open cavity 30' high on main leader appears to have canker rot.		
Crown/Structure , Branches & Leaves	Uneven crown from recent pruning; minimal fruiting on small branches; tree was not assessed during full leaf.		
Pest / Disease	No noticeable signs.		
Setting	Along entrance path to park from Manorhaven Blvd., adjacent to baseball field.		
Character	Y	Does the tree make an important contribution to the character or amenity of the area?	
	Indigenous	Is the tree indigenous, rare, endangered, invasive or exotic?	
Habitat	N	Does the tree represent important habitat for native fauna?	
	N	Is the tree part of a wildlife Corridor, Buffer, etc?	

Notes: Tree has numerous defects that appear to be declining in condition, mainly on scaffold branches. Tree exhibits heavy pruning of a large number of lower branches and inner branches resulting in "Lion's-tailing" appearance which increases the risk of branch failure by weakening tree roots and decreasing the dampening effect that interior limbs provide during storms.

Recommendations: It is recommended to implement a program that continues to monitor this tree by an ISA Arborist and If condition continues to decline, consider removal. For recommended treatment, proper corrective pruning that follows ANSI A300 standards should be performed to remove dead scaffold and smaller branches. Vertical mulching is recommended for mitigation, this is a technique that benefits stressed trees by improving the movement of water, air, and nutrients in the root zone and should be performed by a qualified tree care professional. The Town should implement a comprehensive program of tree management including soil testing.

Level of Urgency

2

Urgency Level: 1 - Requires Immediate Attention 2 - Within (1) Month 3 - Within (6) Months 4 - Within the year 5 - None

