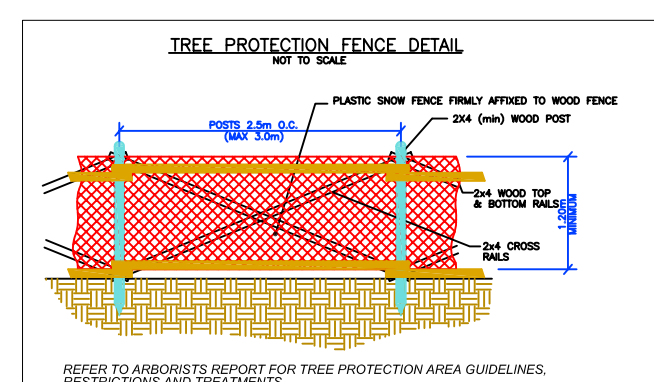


CONTINUED ON NORTH SECTION DETAIL

NORTH SECTION DETAIL



Plan Note:
 1. This plan is based on a topographic and tree location survey provided by the survey Registered British Columbia Land Surveyor (RCLS) and layout drawings provided by the survey's Engineer in Charge and/or Design Consultant.
 2. This plan is provided for informational purposes only and is not certified as to the accuracy of the location of features or dimensions that are shown on this plan. Please refer to the original plans for those purposes.

- LEGEND - TREE ASSESSMENT
- denotes TREE NUMBER. Refer to tree inventory for type, size and condition data.
 - #14 denotes SURVEY NUMBER
 - denotes Viable TREE (retention subject to design review)
 - denotes MARGINAL TREE (possibly retention pending design review)
 - denotes NON-Viable TREE not suitable for retention
 - denotes HIGH RISK HAZARD TREE not suitable for retention

1
2
3
4
5
6
7
8
9

TREE ASSESSMENT PLAN

Client: HOLBORN HOLDINGS LTD.
 Project: LITTLE MOUNTAIN HOUSING
 Address: MAIN STREET AT 37TH AVENUE VANCOUVER BC
 Date: AUGUST 4 2010
 Our File: 10180

ACL
 arbotech consulting ltd
 Suite 200 - 740 Chatham Street
 Vancouver BC V6E 2A5
 Tel: 604.253.3484
 Fax: 604.253.3484
 Email: trees@arbotechbc.com

TREE INVENTORY LIST

NOTE:

Trees are tagged in the field for identification

Tree numbers refer to the tree assessment plan prepared by Arbortech. Tree locations provided by surveyor.

Dbh denotes the diameter of the trunk, measured in cm at 1.4 m above grade.

Dripline denotes the tree's drip line radius, measured in meters from the face of the tree to the furthest extent of the tree's canopy.

Condition Rating scale: HIGH RISK, Non-Viable, Marginal , Viable. See plan and report for details of ratings.

Treatment	Tag	Dbh (cm)	Height (m)	Dripline (radius)	Species	Condition	Notes
RETAIN	799	70	12.6	8	Tulip	Marginal	This tree has been previously headed, resulting in a rounded crown that is approximately 9m in height.
Remove	800	41		2.5	English oak	Viable	There is kink in trunk at 4m above grade, and it appears the area beyond the dripline has been excavated and filled with sand.
RETAIN	801	75	18.7	9	Cooper beech	Viable	The large crown hangs over the city sidewalk.
Remove	802	47		4	Red oak	Viable	This tree has been historically topped, and there are no external signs of decay.
RETAIN	803	27	6.6	3	English Hawthorn	Viable	This tree is infected with bacterial leaf blight; although it doesn't appear to be to severe at this time.
RETAIN	804	29	6.6	3	English Hawthorn	Viable	This tree is infected with bacterial leaf blight; although it doesn't appear to be to severe at this time.
Remove	805	30		3	Sawara Cypress	Marginal	The tree's crown is sparse and thinning, with approximately 30% dieback.
Remove	806	29		3	Sawara Cypress	Marginal	The tree's crown is sparse and thinning, with approximately 30% dieback.
Remove	807	25x2		3	Sawara Cypress	Marginal	The tree's crown is sparse and thinning, with approximately 30% dieback. This twin leader tree joined at the basal union, with slight inclusions extending into the root crown.
RETAIN	808	52	13.3	5	Norway maple	Viable	This tree has healthy and vigorous crown the sweeps over the City sidewalk.
RETAIN	809	63	14.3	6	Norway maple	Viable	This tree has healthy and vigorous crown the sweeps over the City sidewalk.
RETAIN	810	41	11.1	6	Norway maple	Marginal	The crown is very sparse and thinning with a high percent of twiggy die back.
RETAIN	811	51	12.6	7	Norway maple	Viable	This tree has healthy and vigorous crown the sweeps over the City sidewalk.

TREE INVENTORY LIST

Treatment	Tag	Dbh (cm)	Height (m)	Dripline (radius)	Species	Condition	Notes
RETAIN	812	42	10.7	7	Norway maple	Marginal	The tree's crown is sparse and thinning.
RETAIN	813	36	8.1	2.5	Lawson cypress	Viable	This tree's has been previously topped resulting, several small diameter replacement leaders, and the multi stem union does not appear to have an significant inclusions within the union.
RETAIN	814	41	12.6	6.5	Norway maple	Marginal	The tree's crown is sparse and thinning.
Remove	815	85		3.5	Lawson cypress	High Risk	This tree's crown comprised of two leaders that join, 3m above grade. There is a deep inclusion that propagates into a crack below the union.
Remove	816	60		8	Horse chestnut	Marginal	The crown has been rounded from previous heading and topping. There is not any signs of decay at these topping sites. Asymmetric crown.
RETAIN	817	50	11.7	7	Horse chestnut	Viable	The crown has been rounded from previous heading and topping. There is not any signs of decay at these topping sites.
RETAIN	818	60	11.6	8	Horse chestnut	Viable	The crown has been rounded from previous heading and topping. There is not any signs of decay at these topping sites.
RETAIN	819	71	13.8	9	Norway maple	Viable	The crown has been rounded from previous heading and topping. There is not any signs of decay at these topping sites.
Remove	820	Multi		3	Holly	Marginal	This tree has been previously headed, and the crown is infested with leafminer.
Remove	821	Multi		3	Holly	Marginal	This tree has been previously headed, and the crown is infested with leafminer.
RETAIN	822	60	18.7	8	Linden	Viable	Infested with aphids. Growing in a grove type setting with three other trees, these trees have merged crowns and should be retained as a group.
RETAIN	823	48	21.3	8	Linden	Viable	Infested with aphids. Growing in a grove type setting with three other trees, these trees have merged crowns and should be retained as a group.
RETAIN	824	49	19.3	8	Linden	Viable	Infested with aphids. Growing in a grove type setting with three other trees, these trees have merged crowns and should be retained as a group.
RETAIN	825	71	20.2	8	Linden	Viable	Infested with aphids. Growing in a grove type setting with three other trees, these trees have merged crowns and should be retained as a group.

TREE INVENTORY LIST

Treatment	Tag	Dbh (cm)	Height (m)	Dripline (radius)	Species	Condition	Notes
RETAIN	826	54	18.4	8	Linden	Viable	Infested with aphids.
RETAIN	827	56	19.2	8	Linden	Viable	Infested with aphids.
Remove	828	48		8	Linden	Viable	Infested with aphids, and the crown is slightly sparse.
RETAIN	829	46	17.1	5	Douglas-fir	Marginal	Infested with aphids.
RETAIN	830	57	21.1	8	Hornbeam	Viable	This tree is growing approximately 1m away from another tree and is part of a three tree row.
RETAIN	831	46	21.1	8	Hornbeam	Viable	This tree is growing approximately 1m away from another tree and is part of a three tree row.
RETAIN	832	59	21.1	8	Hornbeam	Viable	This tree is growing approximately 1m away from another tree and is part of a three tree row.
Remove	833	18x2		2	Holly	Non-Viable	Displaying symptoms of Phytophthora ilicis: major crown dieback, and overall crown thinning.
Remove	834	65		7	European birch	Non-Viable	This tree has dead tops, and is infested with Bronze Birch Borer.
RETAIN	835	45	19.6	8	English oak	Viable	Some (15%) twiggy dieback.
RETAIN	836	28	9.6	4.5	Norway maple	Viable	Full crown with some winter moth damage visible.
Remove	837	50		5.5	Hornbeam	Viable	The crown merges with the adjacent tree.
Remove	838	36		5.5	Hornbeam	Viable	The crown merges with the adjacent tree.
Remove	839	53		6	Hornbeam	Viable	
Remove	840	26		3.5	European birch	Non-Viable	This tree is mostly dead, and infested with Bronze Birch Borer.
Remove	841	24		3.5	European birch	Non-Viable	This tree is mostly dead, and infested with Bronze Birch Borer.
Remove	842	40		6.5	Hornbeam	Viable	This tree has been previously topped at 4m above grade, with no central leader and a rounded form. The is located adjacent to the existing asphalt road.
Remove	843	38		5	Hornbeam	Viable	Full healthy and vigorous crown.
Remove	844	46		6	European birch	Non-Viable	This tree is infested with BBB and mostly dead.
Remove	845	29		6	European birch	Non-Viable	This tree is infested with BBB and mostly dead.
Remove	846	36		6	European birch	Non-Viable	This tree is infested with BBB and mostly dead.
RETAIN	847	37	14.7	6	Linden	Viable	This tree has straight singular leader.
RETAIN	848	46	16.7	7.5	Linden	Viable	Rounded form.
Remove	849	48		8	Linden	Marginal	This tree has been previously hydro pruned on the east side, and there is a high volume of water shoots throughout the crown.
RETAIN	850	50	14.1	8	Honey locust	Marginal	Infested with Podgall midge, resulting in 30% of crown dieback.
RETAIN	851	50	15.9	8	Honey locust	Marginal	Infested with Podgall midge, resulting in 30% of crown dieback.

TREE INVENTORY LIST

Treatment	Tag	Dbh (cm)	Height (m)	Dripline (radius)	Species	Condition	Notes
RETAIN	852	52	20.1	8	Linden	Viable	Multiple leaders join at the 4m above grade stem union, the union appears to be sound.
Remove	853	43		7	Ash	Viable	Slightly sparse and manifesting symptoms of drought stress.
RETAIN	854	45	21.6	7	Ash	Viable	Slightly sparse and manifesting symptoms of drought stress.
RETAIN	855	40	16.1	6	Linden	Viable	Full crowns with severe aphid infestation.
RETAIN	856	40	15.1	6	Linden	Viable	Full crowns with severe aphid infestation.
RETAIN	857	40	14.3	6	Linden	Viable	Full crowns with severe aphid infestation.
RETAIN	858	43	11.1	6	Norway maple	Marginal	This tree has been previously, headed to 6m in height, resulting in a very rounded crown.
RETAIN	859	44	11.5	6	Norway maple	Marginal	This tree has been previously, headed to 6m in height, slightly asymmetric crown.
Remove	860	52		6	Norway maple	Non-Viable	Previously topped and the crown is asymmetric too the east, and damaged by fire.
Remove	861	36		6	Norway maple	Non-Viable	Mostly dead from fire damage.
RETAIN	862	88	21.1	10	Red oak	Viable	Slightly sparse and manifesting symptoms of drought stress.
RETAIN	863	81	20.6	10	Red oak	Viable	Slightly sparse and manifesting symptoms of drought stress.
Remove	864	35		4	Fruiting cherry	Marginal	The crown is infected with bacterial blight and canker. This tree sweeps to the south west.
Remove	865	42		6.5	Horse chestnut	Viable	Slightly sparse and manifesting symptoms of drought stress.
Remove	866	36		6	Horse chestnut	Viable	Sparse and manifesting symptoms of drought stress.
Remove	867	47		7	Horse chestnut	Viable	This tree is previously headed to 8m above grade, and there is a high volume of water shoots throughout the crown.
Remove	868	Multi		4	European birch	Non-Viable	This tree is mostly dead, and infested with Bronze Birch Borer.
Remove	869	30x2		7	Weeping willow	Non-Viable	This is asymmetric to the southeast and the adjacent birch tree's scaffold limb is embedded in the trunk at approximately 4m causing the trunk to kink.
RETAIN	870	41	17.4	8	English oak	Marginal	This has been historically headed and the majority of the limbs are now marm formed, and several of significant kinks.
RETAIN	871	60	8.7	10	Horse chestnut	Viable	It appears that there several scaffold limbs have been previously removed. Small amount of decay visible.
Remove	872	62		10	Horse chestnut	Viable	It appears that there several scaffold limbs have been previously removed. Small amount of decay visible.
RETAIN	873	42	16.1	10	English oak	Viable	Slightly sparse and manifesting symptoms of drought stress.

TREE INVENTORY LIST

Treatment	Tag	Dbh (cm)	Height (m)	Dripline (radius)	Species	Condition	Notes
RETAIN	874	50	19.1	10	English oak	Viable	Slightly sparse and manifesting symptoms of drought stress.
RETAIN	875	60	22.6	10	English oak	Viable	Slightly sparse and manifesting symptoms of drought stress.
RETAIN	876	24	5.7	2.5	Japanese cherry	Marginal	Infected with bacterial blight, and the crown is sparse.
Remove	877	34		8	Linden	Viable	Dense crown with a severe aphid infestation.
RETAIN	878	20	15.3	2	Sitka Spruce	Marginal	Small suppressed and asymmetric crown.
RETAIN	879	26	15.3	3	Sitka Spruce	Marginal	Infested with Cooley spruce gall adelgid.
RETAIN	880	70	18.3	8	Linden	Viable	There is a high volume of water shoots throughout the crown, that have become leaders.
RETAIN	881	58	14.8	9	Norway maple	Viable	Slight sweep to the south.
RETAIN	882	45	14.6	8	Linden	Viable	This tree has been previously headed with a high volume of water shoots throughout the crown.
RETAIN	883	63	21.1	9	Linden	Viable	This tree has been previously headed with a high volume of water shoots throughout the crown.
RETAIN	884	43	14.1	8	Norway maple	Viable	The crown is asymmetric to the east with a slight sweep.
Remove	885	31		7	European birch	Non-Viable	This tree is infected with BBB and is mostly dead.
Remove	886	42		7	European birch	Non-Viable	This tree is infected with BBB and with dieback at the top.