

PROTECTED (SIGNIFICANT SIZE)

INJURED (MINOR ENCROACHMENT ON BTPZ)

INJURED (MINOR ENCROACHMENT ON BTPZ)

ASPHALT DRIVEWAY

CLIENT/NEIGHBOR SHARED OWNERSHIP TREE

CLIENT/NEIGHBOR SHARED OWNERSHIP TREE

CLIENT/NEIGHBOR SHARED OWNERSHIP TREE PROTECTED (SIGNIFICANT SIZE)

248 JUGLANS NIGRA BLACK WALNUT

SIBERIAN ELM

904 PICEA ABIES NORWAY SPRUCE 5: MOD - GOOD 50

249 ULMUS PUMILA

50 ULMUS PUMILA

901 ULMUS PUMILA

0: POOR

903 ACER SACCHARUM SUGAR MAPLE 2: POOR - MOD 70 14 55 - FAIR NEIGHBOR OWNED TREE

905 ACER PLATANOIDES NORWAY MAPLE 5: MOD - GOOD 60 12 80 - GOOD NEIGHBOR OWNED TREE

35 8 80 - GOOD

10 80 - GOOD

6 80 - GOOD

90 18 80 - GOOD NEIGHBOR OWNED TREE

10 80 - GOOD NEIGHBOR OWNED TREE

fencing must be used to ensure no material enters the MTPZ.

MTPZ without written authorization from the City Arborist.

6. Equipment or vehicles shall not be operated, parked, repaired, or refueled within the MTPZ.

7. No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the

8. A laminated Minimum Tree Protection Zone sign (See Detail TP-3 – Minimum Tree Protection Zone Sign)

February 2013

must be attached to the side of the Tree Protection where it will be visible by persons entering the site.

5. No materials or fill may be stored within the MTPZ.

Minimum size must be 10"x14".

ARBORIST MINIMZATION OF DAMAGE RECOMMENDATIONS THE FOLLOWING PRESENTS RECOMMENDATIONS FOR ENSURING TREE PROTECTION THROUGH CONSTRUCTION. FURTHER, THIS SECTION PRESENTS SOME RECOMMENDATIONS FOR PRIOR TO CONSTRUCTION COMMENCEMENT, AS WELL AS RECOMMENDATIONS FOR POST CONSTRUCTION.

PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TREE PRESERVATION HOARDING, AS WELL AS ARBORICULTURAL WORK WITH REGARDS TO ANY REMOVALS AND ANY REQUIRED PRUNING FOR CONSTRUCTION, SHOULD BE MPLEMENTED AS FOLLOWS: ALL TREE PRESERVATION HOARDING IS TO BE

ERECTED AND PLACED AS PER THE LOCATION PRESENTED ON THE ATTACHED TREE PRESERVATION PLAN DRAWING: NOTE: TREE PROTECTION HOARDING MUST BE INSTALLED UPON APPROVAL OF THE TREE PRESERVATION PLAN, AND PRIOR TO RELEASE OF THE PERMITS REGARDING TREE INJURY. UPON APPROVAL

PLAN, AND CONDITIONS OF PERMIT RELEASE BEING SENT TO THE CLIENT, THE HOARDING IS TO BE IF IT IS DETERMINED BY ENGINEERING THAT SILT FENCING BE REQUIRED FOR THE SITE TO PREVENT SILT MOVEMENT, IT IS THE RECOMMENDATION OF THE ARBORIST IF SILT FENCING IS DEEMED REQUIRED WITHIN

THAT THE SILT FENCING BE PLACED FOLLOWING AND ON THE CONSTRUCTION SIDE OF TREE PROTECTION HOARDING. HOARDED AREAS OF TREE PROTECTION, IT IS NOT TO BE DUG IN IN THIS AREA, BUT INSTEAD HAVE A MINIMAL AMOUNT OF CLEAR STONE PLACED AT THE BASE. THIS WILL PREVENT IMPACT TO TREE ROOTS IN AREA FROM THE DIGGING IN OF THE SILT FENCE BASE, WHILE STILL ALLOWING FOR THE PREVENTION OF SILT MOVEMENT BEYOND THE SILT FENCE. 4. ALL TREE PROTECTION HOARDING (VERTICAL AND/OR

DRAWING AND SITE PLAN BY A CERTIFIED ARBORIST, OR OTHER APPROVED CONSULTANT, OR BY A MEMBER CITY OF BURLINGTON STAFF. IF INSPECTED BY OTHER THAN THE CITY OF BURLINGTON STAFF, THE CONSULTANT WILL PROVIDE WRITTEN CERTIFICATION TO THE MUNICIPALITY THAT ALL PROTECTIVE HOARDING AND SEDIMENT CONTROL MEASURES (IF/WHERE REQUIRED) HAVE BEEN SATISFACTORILY INSTALLED. . ANY PRUNING OF TREES THAT IS TO OCCUR, AS

THIS PHASE. NO PRUNING OF SIGNIFICANT SIZE TREES MAY OCCUR UNTIL SUCH TIME AS THE PRUNING HAS BEEN APPROVED BY FORESTRY AND TREE INJURY PERMITS HAVE BEEN RELEASED AND ARE PRESENT ON SITE. ANY REMOVAL OF TREES OF SIGNIFICANT SIZE, AS APPROVED AND PERMITTED BY THE CITY OF BURLINGTON SHOULD OCCUR DURING THIS PHASE. NO REMOVALS OF SIGNIFICANT SIZE TREES MAY OCCUR UNTIL SUCH TIME AS TREE REMOVAL PERMITS HAVE BEEN RELEASED AND ARE PRESENT ON SITE.

THE FOLLOWING IS RECOMMENDED TO BE ADHERED TO DURING THE CONSTRUCTION PHASE OF THE PROJECT IN ORDER TO MINIMIZE THE DAMAGE TO TREES WHERE AN ENCROACHMENT INTO THE PROTECTED ROOT ZONE (TPZ) S ANTICIPATED.

DRIVEWAY RESURFACE, PARKING RESURFACE AND

TPZ ENCROACHMENT OF TREES: #201 ACER PLATANOIDES, #202 ACER PLATANOIDES, #203 PINUS SYLVESTRIS, #204 PINUS SYLVESTRIS, #205 PINUS SYLVESTRIS, #206 PINUS SYLVESTRIS, #209 PICEA ABIES, #903 ACER SACCHARUM, #211 PICEA ABIES, #902 QUERCUS RUBRA A CERTIFIED ARBORIST IS TO BE PRESENT TO

ASSESS AND TREAT ROOTS DISCOVERED WITHIN THE AREA OF DRIVEWAY INSTALLATION ENCROACHING ON THE PROTECTED ROOT ZONE AREA (TPZ) OF TREE(S). THE ZONE OF CONSTRUCTION (AS SHOWN IN THE ATTACHED ARBORIST DRAWING TPR 101) IN THIS AREA MUST BE STRICTLY ADHERED TO. A WORK/CONSTRUCTION ALLOWANCE BEYOND THE EXTENT DF THE DRIVEWAY AREA OF 0.15M (6 INCHES) HAS BEEN

ZONE CONFLICTION. ANY EXCAVATIONS REQUIRED WITHIN THE PROTECTED ROOT ZONE AREA FOR DRIVEWAY CONSTRUCTION ARE TO BE DONE USING HAND EQUIPMENT (SHOVEL/RAKE), OR ROOT SENSITIVE EQUIPMENT (AIRSPADE), WHERE WITHIN THE PROTECTED ROOT ZONE AREAS. FURTHER, EXCAVATIONS IN THESE AREAS ARE TO BE DONE TO THE MINIMUM DEPTH REQUIRED TO LEVEL THE AREA AND PROVIDE A STABLE DRIVEWAY FOOTING.

ALONG THE EXTENT OF THE EXCAVATION REQUIRED FOR THE DRIVEWAY INSTALLATION WITHIN THE TPZ AREA BE EXCAVATED TO THE DEPTH REQUIRED FOR THE DRIVEWAY INSTALLATION. EXCAVATIONS OF THIS EXTENT AREA ARE TO BE DONE BY HAND EQUIPMENT (SHOVEL) OR ROOT SENSITIVE EQUIPMENT (AIRPSADE) ONLY TO ALLOW FOR EXPOSURE, ASSESSMENT, AND PRUNING/TREATMENT OF ROOTING THAT MAY BE PRESENT IN THE AREA BY THE DNSITE ARBORIST. ANY ROOTS DISCOVERED DURING EXCAVATIONS THAT

REQUIRE SEVERANCE FOR DRIVEWAY CONSTRUCTION ARE TO BE CUT CLEANLY AND PROTECTED AS WELL AS POSSIBLE FROM DEHYDRATION WHILE EXPOSED FOR PROLONGED PERIODS. WHERE POSSIBLE, ROOTING PRESENT WITHIN THE SOIL AT THE BOTTOM OF THE EXCAVATION DEPTH REQUIRED SHOULD BE PRESERVED

PLACED ON TOP OF/SURROUNDING THESE ROOTS. IF ROOTS ARE DISCOVERED AND PRESERVED IN THE AREA THROUGH THE LOWER PORTIONS OF EXCAVATION DEPTH AND ARE TO BE LEFT EXPOSED FOR PROLONGED PERIODS THEY ARE TO BE PROTECTED FROM DESICCATION. THIS CAN BE ACHIEVED BY PLACEMENT OF BURLAP OVER THE EXPOSED ROOTS AND PLACING A LIGHT AMOUNT OF SOIL OR BY PLACEMENT OF MULCH TO COVER THE AREA EXPOSED, AND KEEPING THE AREA MOIST UNTIL SUCH TIME AS AGGREGATE PLACEMENT AND SURFACING OF THE DRIVEWAY AREA COMMENCES. NO ROOTS OF SIGNIFICANT STRUCTURAL SIZE, OR

. ANY CONSTRUCTION AGGREGATE USED MUST BE OF NEUTRAL PH, SO AS NOT TO ALTER THE ADJACENT SOIL PH THROUGH LEACHING OF MINERALS OVER TIME.

Revision/Issue PLOWMAN ON-0425A GLN FARM & FO.
2511 BRIDGE ROAD
OAKVILLE ON 16 GLN FARM & FOREST RESEARCH CO. LTD.

asphalt Driveway

143 TOWNSEND AVE BURLINGTON

TREE PRESERVATION AREAS AND HOARDING DETAILS (REMOVALS SHOWN)

6-Feb-24 OMCGLENVIEW Drawn By: Tree Survey Date: TPR -101 04 FEB 2024 Total Drawings: