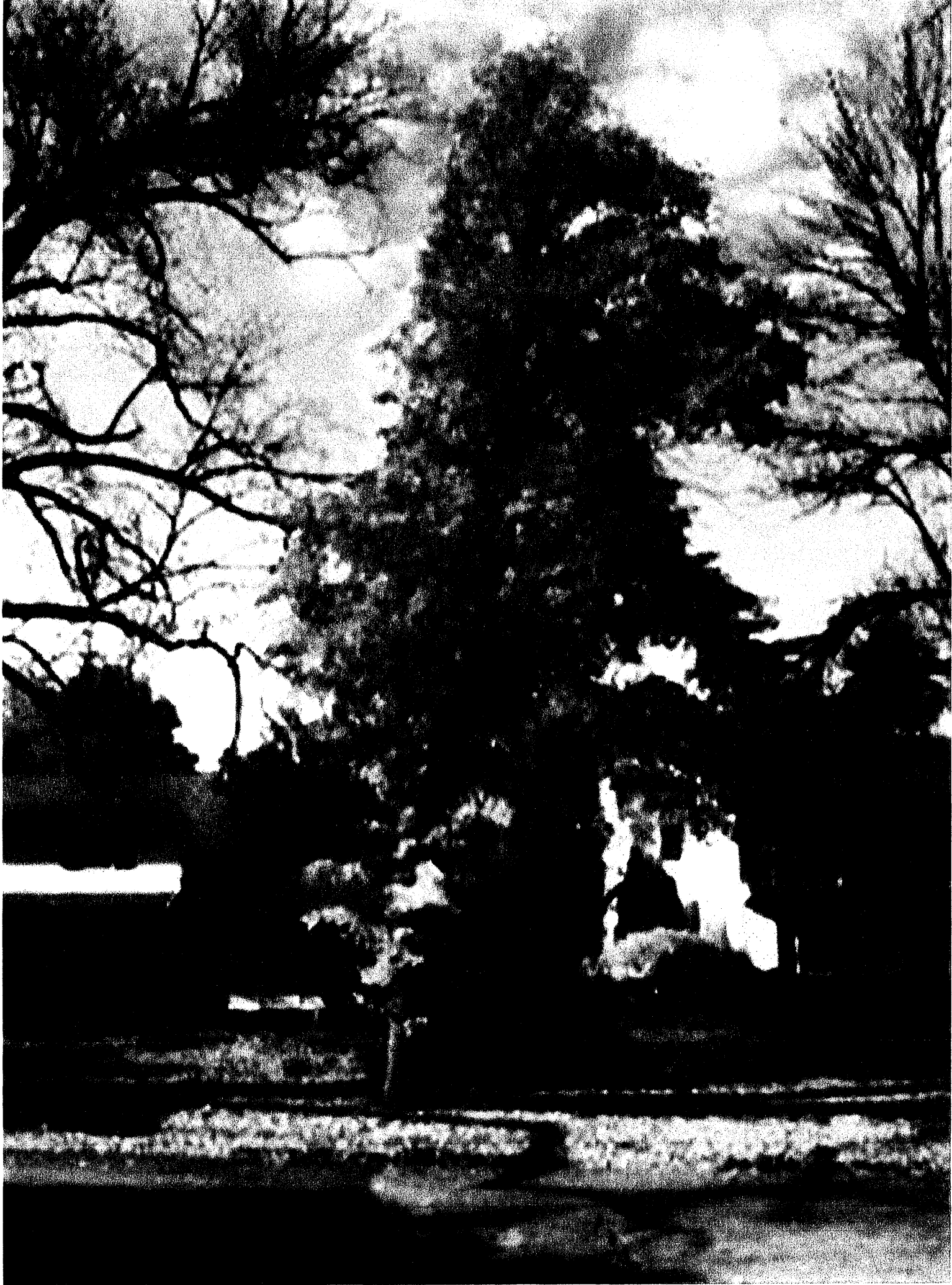

MEMORANDUM

TO: CHAIRMAN LA PLACA AND THE EPS COMMITTEE
FROM: GEORGE FRANCO, DIRECTOR OF PUBLIC SERVICES
SUBJECT: PROPOSED PARKWAY TREE REMOVALS AT 516 NORTH
LINCOLN STREET
DATE: NOVEMBER 13, 2013

Mr. Joseph Molfese is building a new home at 516 N. Lincoln St. His construction plans site the proposed driveway apron to the north of the existing apron and within the Tree Protection Zone of the north parkway tree. Village Construction Guidelines require a minimum distance of 10' from any public tree for new driveway apron plans unless the existing driveway is being reused. This guideline is required because construction preparation and installation of drives and aprons sited within a tree's critical root zone can negatively impact the tree by severing large buttress roots and compacting soil; significantly compromising the tree's health and structural condition. The current construction plans for the new drive do not fulfill this requirement. In order to site the drive per the construction plans Mr. Molfese is requesting permission to remove this tree located near the north property line.

The tree is an American linden that has a 19.0" diameter at 4.5' above grade. The estimated height of the tree is 55' and the estimated canopy width is 25'. The tree's condition is rated as good in the Village's tree inventory completed in 2012. There are no significant visible structural defects in the trunk, or scaffold branches. The tree has a balanced habit, and is spaced well with the other parkway trees.

Staff has not permitted the removal of this tree as requested. Mr. Molfese is appealing that decision to the EPS committee per their function as the Village's "Tree Board". Per e-mail, Mr. Molfese has received information on Village Code fees regarding parkway tree removals. Staff is requesting direction from the Committee in responding to his request.





MEMORANDUM

TO: ROBB MCGINNIS, COMMUNITY DEVELOPMENT DIRECTOR
FROM: JOHN FINNELL, VILLAGE FORESTER
CC: GEORGE FRANCO, DIRECTOR OF PUBLIC SERVICES
SUBJECT: TREE PROTECTION – 516 NORTH LINCOLN STREET
DATE: SEPTEMBER 13, 2013

Please find below my review and comments on the plans received September 4, 2013:

- Tree Preservation Plan
- Demolition and Erosion Control Plan
- Detail Sheets

SAID PLANS ARE NOT APPROVED. Plans need to be revised as noted below.

Several requirements of the Tree Preservation Plan have been omitted. Tree Preservation Plan: If the application includes demolition of a principal structure or a detached garage or includes construction that will add six hundred (600) square feet or more of gross floor area to a principal structure or a detached garage, then the application shall include a tree preservation plan. The tree preservation plan shall include:

1. The site plan of the property of a scale not less than one inch equals twenty feet (1" = 20'), shall be graphically and accurately marked with all of the following information :
 - The street address or legal description of the property and all property lines of the property; **(completed)**
 - The location of all buildings, structures, driveways, walkways, and parking areas on the property; **(completed)**
 - The proposed location of all temporary storage areas during construction on the property; **(completed)**
 - The location of utility service lines on the property; **(completed)**
 - The location of all trees in excess of eight inches (8") in diameter measured at breast height (dbh) on the property and within fifteen feet (15') of any property line of the property (collectively the "protected trees"); **(not completed, several trees on within 15' of the property line are not on the plan)**
 - A legend stating the dbh, genus and species, and general condition of each protected tree; **(completed)**
 - The root protection zones within the property of all protected trees; **(completed)**

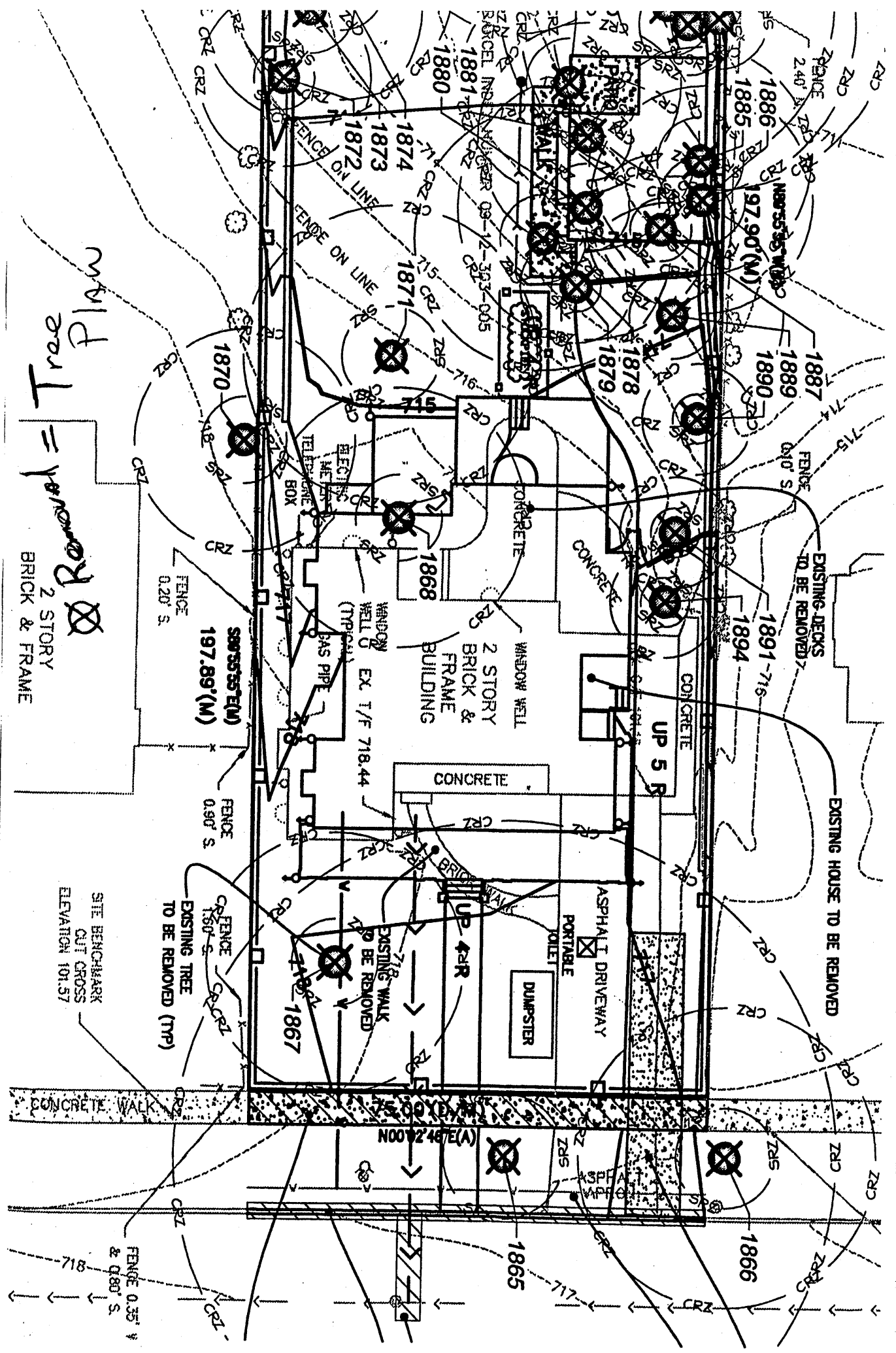
- A detailed proposal for protection of all protected trees and for protection of all trees other than protected trees that may be damaged or removed during the proposed construction activity, including, without limitation, such measures as pruning, root pruning, use of retaining walls or protective fencing, augering of utility lines (to improve tree survivability), and similar measures; **(completed)**
 - A clear delineation of the perimeters of each construction activity area and each root protection area; **(not completed, this will be completed by showing temporary storage areas outside of Tree Protection Zones)**
 - A certification from an arborist that the tree preservation plan incorporates all reasonable steps necessary to minimize damage to trees on property adjacent to the property. **(This has not been submitted and should also be on the civil plans and not as an attachment)**
2. No permission is given to remove any public tree or trees. Trees #1865 and #1866 on the civil plans are public trees, but are shown as proposed removals.
 3. Tree #1870 on the civil plans appears to be on the property of the south neighbor yet is located on the property. This should be corrected.
 4. Clarification of the driveway apron location is needed. The location of the driveway apron is required to be at a minimum of 10' from any portion of the apron to the closest edge of a parkway tree; or within the limits of the existing driveway apron. The width of the driveway should not be expanded if the expansion is within the 10' minimum distance from the parkway trees. This should be confirmed on the plan and field verified by Village staff prior to installation.
 5. Root pruning for tree #1865 and #1866 will be completed prior to demolition of the existing driveway/excavation for the new driveway. A specification for root pruning is attached. This pruning is required to be inspected by Village Forestry staff upon completion. Contact number is 630 789 7043.
 6. Avoid or minimize damage to the critical root zones of the trees impacted by utility installation. No trenching is allowed in the tree protection zones unless pre-approved by Building Department and Forestry staff.
 7. The Proposed utilities (water, sanitary, storm, etc.) are within the critical root zone of the parkway trees. Locate the proposed water and sewer lines outside of the Tree Protection Zone or install the sewer and water utilities using trench-less methods. **Auger through the entire Tree Protection Zone, locate pits outside of the Tree Protection Zone. All work in the TPZ should be designed and performed to minimize damage to tree and root systems**
 8. The proposed water service line valves (B-Boxes), is to be ten feet (10') from parkway trees. If future utility excavations need to occur, this

reduces the chances of extensive stem or root damage, which could lead to tree decline.

Please review the following notes and add to the plan sheets, not as an attachment.

1. Install Tree Protection Fence and perform root pruning per plan for all protected trees prior to any construction activity.
2. Fence the public portion (parkways) of the **entire** Tree Protection Zone(s) with a 6' chain-link fence to prevent wounds to the parkway trees(s) as well as soil compaction. Post the fence with a sign stating "Tree Protection Zone - Keep Out"
3. No trenching should be done within the Tree Protection Zones for any construction activity unless pre-approved by Building Department and Forestry staff.
4. No grade changes should be done within the Tree Protection Zones of parkway trees for any construction activity.
5. Should it be necessary to trench within the TPZ for utilities, **including disconnection or capping of existing utilities**, all trenches shall be hand dug. No roots larger than two inches (2") shall be cut unless no other alternative is feasible. All smaller roots that require cutting shall be cut with pruning saws. Cuts shall be made flush with the side of the trench. If at any time twenty-five percent (25%) of the area within the TPZ is being separated from the tree by a trench, then the line shall be either relocated or installed using trench-less methods.
6. Locate the proposed water and sewer lines outside of the Tree Protection Zone or install the sewer and water utilities using trench-less methods. **Auger through the entire Tree Protection Zone, locate pits outside of the Tree Protection Zone**
7. The proposed water service line valves (B-Boxes), is to be ten feet (10') from parkway trees. If future utility excavations need to occur, this reduces the chances of extensive stem or root damage, which could lead to tree decline.
8. At no time shall any equipment, materials, supplies or fill soil be allowed in the Tree Protection Zone(s). Do not store excavated soil or the dumpster within the drip-line (TPZ) of the parkway tree(s).
9. Removal of any hardscape within the Tree Protection Zones will be done by hand. No roots larger than two inches (2") shall be cut unless there is no alternative is feasible. Cuts will be made with a sharp pruning saw to avoid tearing and will be flush with the tree side of the trench
10. The Tree Protection Zone may be mulched to improve the growing conditions for tree roots, and minimize the maintenance of the parkway lawn.

Tree Plan
X Removed = 2 STORY
BRICK & FRAME



[illegible]