LOGISTICS + DETAILS
• Prior to the construction phase, root invigoration, and root and branch pruning arrangements must be made for pre and post-construction care.
• “First Up, Last Down;” TPZs will be erected before construction, and removed when all machinery is off site.
• TPZs must remain in place. Materials, machinery and employees must stay outside of TPZs.
• If adjustments are necessary, there must be written permission from the Project Manager and Grounds Department.

MATERIALS
• Default fence type is 5-6 ft high chain link fencing. Other options are available through consultation with Duke Grounds.
• When TPZs are located downslope of construction or material storage, a silt fence must be included.
• The Warning Sign must be posted every 25ft.
• If brief entry into the TPZ is required, use a root buffer to protect the roots from crushing and coordinate with the Grounds Department.
• If utility installation is required within TPZ, trenching and root pruning must be done by a certified arborist.

TREE PLANTING AND ROOT STRUCTURE
TPZ’S SHALL:
• be established around all trees not slated for removal in the construction site.
• allow for necessary logistical function and storage of materials outside zone.
• extend to the drip line, or have a radius of 1.5 feet per inch diameter of the tree, whichever is larger.
• have dimensions noted explicitly on all plans.
• be inspected by Grounds prior to the beginning of construction, and its removal at project close.