TREE MANAGEMENT LEGEND:

TREE PROTECTION BARRIER FENCING REQUIRED TO MEET TREE PROTECTION NOTES

EXISTING TREE TO BE RETAINED

EXISTING TREE TO BE REMOVED

A. EXCAVATION AROUND TREES
1. EXCAVATION WITHIN DRIPLINE OF TREES ONLY AS DIRECTED IN PLANS AND AS DIRECTED BY THE CONSULTANT.
2. DURING EXCAVATION WITHIN THE DRIPLINE OF A TREE THE CONTRACTOR SHALL EXCAVATE AROUND TREE ROOTS AS DIRECTED BY THE CONSULTANT. DO NOT CUT TREE ROOTS UNLESS DIRECTED BY THE CONSULTANT.
3. TREES AND OTHER VEGETATION IS UNDISTURBED TO BE TOTAL YIELD AS PER DETAIL #1. PROVIDE TO THE SATISFACTION OF THE CONSULTANT THE EXISTING TREE CONDITIONS.

B. EXCAVATION FOR NEW CONSTRUCTION WITHIN THE DRIPLINES OF TREES
1. HAND EXCAVATE TO MINIMIZE DAMAGE TO ROOT SYSTEMS.
2. USE NARROW TINE SPADING FORKS TO PROBE AND COMB SOIL TO EXPOSE ROOTS.
3. PROTECT ROOTS AND OTHER LATERAL ROOTS WITH RESIN BARRIERS OR PEELABLE BARRIERS AS DIRECTED BY THE CONSULTANT. PROVIDE TO THE SATISFACTION OF THE CONSULTANT THE ROOT PROTECTION LEVELS AS DIRECTED BY THE CONSULTANT.

C. UTILITY TRENCHING WITHIN THE DRIPLINES OF TREES
1. TUNNEL UNDER AND AROUND ROOTS BY HAND DIGGING.
2. DO NOT CUT MAIN LATERAL ROOTS.
3. CUTTING OF SMALLER LATERAL ROOTS THAT INTERFERE WITH INSTALLATION OF NEW WORK SHALL BE DONE WITH CLEAN SHARP TREE PRUNING TOOLS.
4. ROOTS THAT ARE ENCOUNTERED IMMEDIATELY ADJACENT TO THE LOCATION OF NEW CONSTRUCTION AND ARE TOO DIFFICULT TO RELOCATE SHALL BE CUT 150MM (6”) BACK FROM NEW CONSTRUCTION. USE CLEAN SHARP TREE PRUNING TOOLS.

D. PROTECTION OF EXPOSED ROOTS
1. DO NOT ALLOW EXPOSED ROOTS TO DRY OUT PRIOR TO RELOCATION OR TEMPORARY COVER. PROVIDE ONE OF THE FOLLOWING TEMPORARY REMEDIES INCLUDING:
   A. PROVIDE TEMPORARY EARTH COVER. MAINTAIN MOISTURE.
   B. PACK WITH WET PEAT MOSS. MAINTAIN MOISTURE.
   C. PACK WITH FOUR LAYERS OF WET UNTREATED BURLAP. MAINTAIN MOISTURE.
   D. WATER PUDDLE BACKFILL AROUND ROOTS TO ELIMINATE VOIDS AND AIR POCKETS.

E. REMOVAL OF STREET TREES
1. REMOVAL OF STREET TREES TO THE SATISFACTION OF THE GENERAL MANAGER OF ENGINEERING SERVICES

SCHEDULE A - TREE PROTECTION BARRIERS

TREE PROTECTION DISTANCE TABLE

TREE PROTECTION BARRIERS MUST BE AT LEAST 1.2 M IN HEIGHT.

COLUMBIA ST.