

**TREE PLANTING DETAIL**

N. T. S.

**NOTES:**

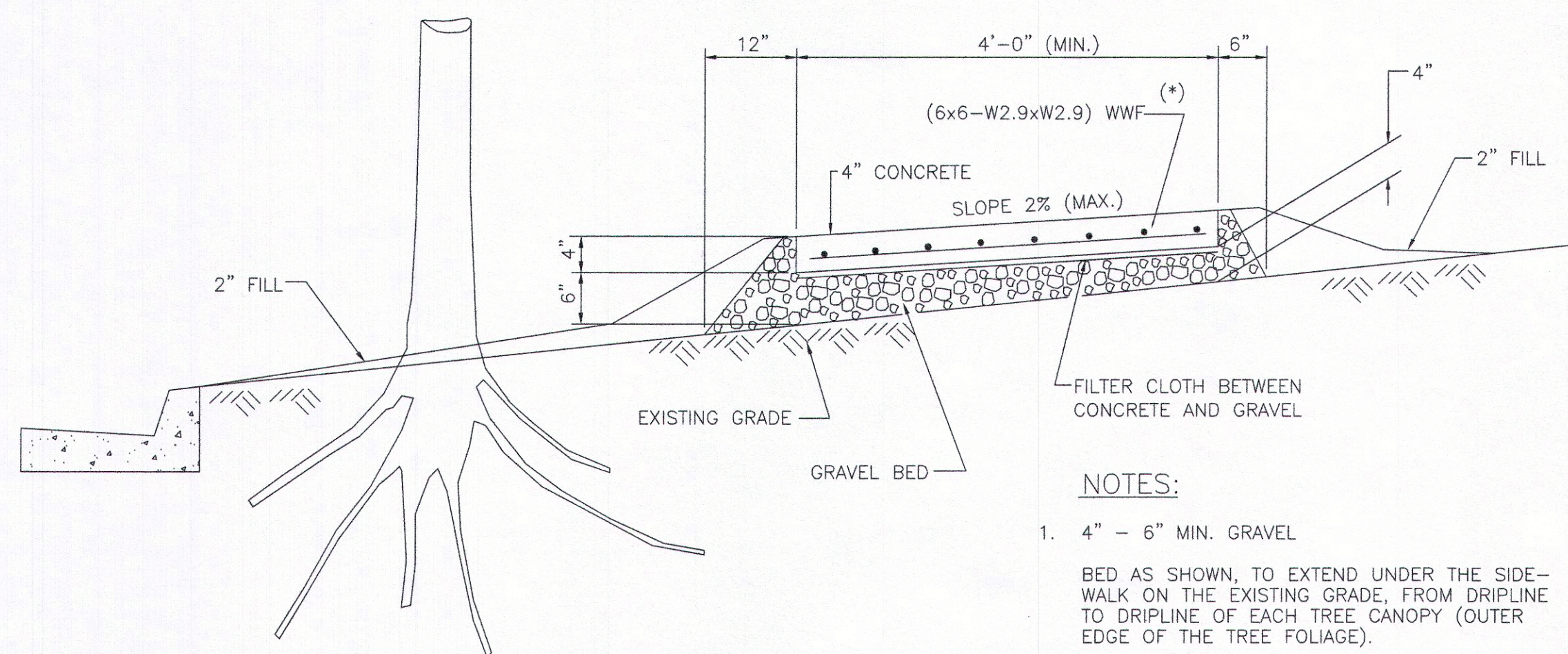
- AFTER PLANTING, PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, BROKEN OR DEAD BRANCHES.
- WATER THOROUGHLY WHILE BACKFILLING TO ELIMINATE AIR POCKETS. RE-WATER AFTER PLANTING.
- REMOVE ANY STRING, TWINE AND TAGS FROM TRUNK AND BRANCHES.
- PENETRATE SUBSOIL, BUT DO NOT PENETRATE ROOT BALL WITH STAKES.

3 INCH DEPTH AGED GROUND PINE BARK MULCH WITH 1 INCH DEPTH PINE STRAW TOPDRESSING. MULCH SHALL NOT CONTACT TREE TRUNK.

SOIL BACKFILL (USE EXISTING SOIL) TAMP SOIL AROUND ROOT BALL BASE FIRMLY WITH FOOT PRESSURE SO THAT THE ROOT BALL DOES NOT SHIFT. TRUNK FLARE SHOULD BE VISIBLE. DO NOT PILE SOIL ON TOP OF THE ROOT BALL.

DIG PLANTING HOLE NO DEEPER THAN DEPTH OF ROOT BALL AND DIG HOLE A MINIMUM OF 2 TO 3 TIMES THE WIDTH OF THE ROOT BALL.

REMOVE ALL TWINE, ROPE, WIRE AND BURLAP FROM THE ROOT BALL.



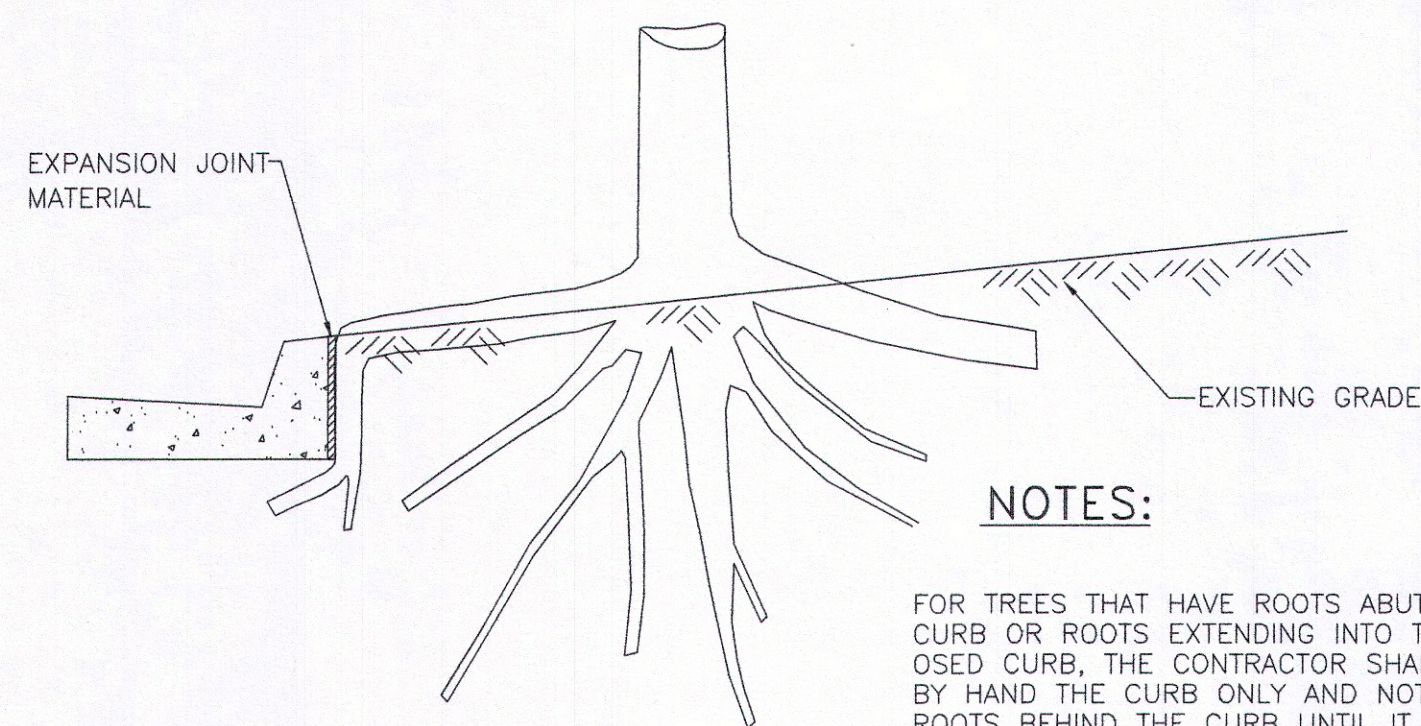
**SIDEWALK GRAVEL BED**

REQ'D. AT EACH TREE LOCATION

N. T. S.

**NOTES:**

- 4" - 6" MIN. GRAVEL BED AS SHOWN, TO EXTEND UNDER THE SIDEWALK ON THE EXISTING GRADE, FROM DRIPLINE TO DRIPLINE OF EACH TREE CANOPY (OUTER EDGE OF THE TREE FOLIAGE).
  - NO MORE THAN 1.5" - 2.0" OF FILL TO BE PLACED UNDER ANY TREE CANOPY.
  - NO EXPANSION JOINTS TO BE PLACED OVER ROOTS. ONLY "WEAKENED PLANES" SHALL BE ALLOWED.
- (\* WITH 1.5" - 2.0" COVER



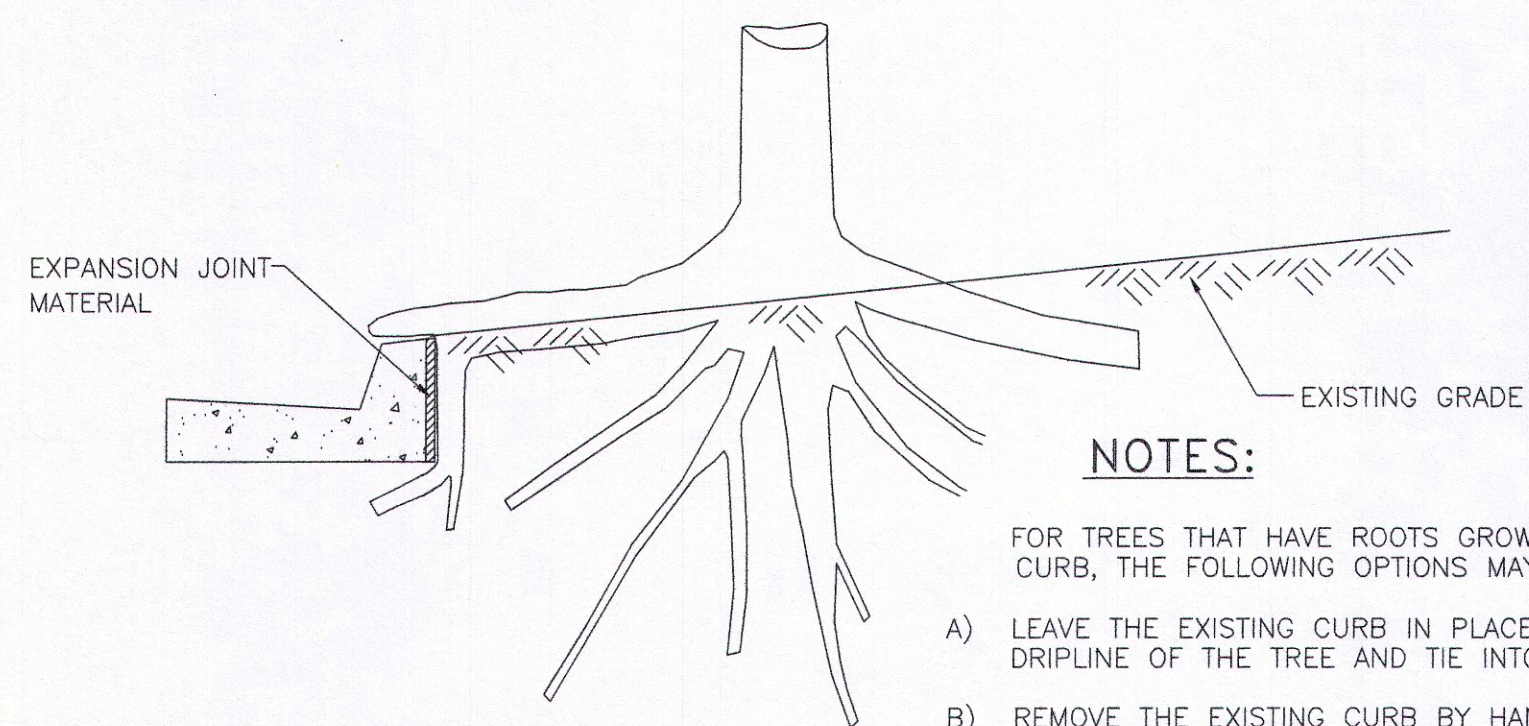
**TYPICAL DIAGRAM NO. 1**

TREE ROOTS GROWING BEHIND EXISTING OR PROPOSED CURBS

N. T. S.

**NOTES:**

FOR TREES THAT HAVE ROOTS ABUTTING THE CURB OR ROOTS EXTENDING INTO THE PROPOSED CURB, THE CONTRACTOR SHALL REMOVE BY HAND THE CURB ONLY AND NOT DISTURB TREE ROOTS BEHIND THE CURB UNTIL IT IS DETERMINED (BY THE PARK AND PKWY. DEPARTMENT) HOW MUCH OF THE ROOTS CAN BE PRUNED. ONCE MARKED, THE ROOTS CAN BE PRUNED BY A LICENSED ARBORIST. ELIMINATE 12" OF ROADWAY BASE BEHIND NEW CURB WHERE ROOTS ARE ENCOUNTERING THE CURB. (SEE DETAIL "A")



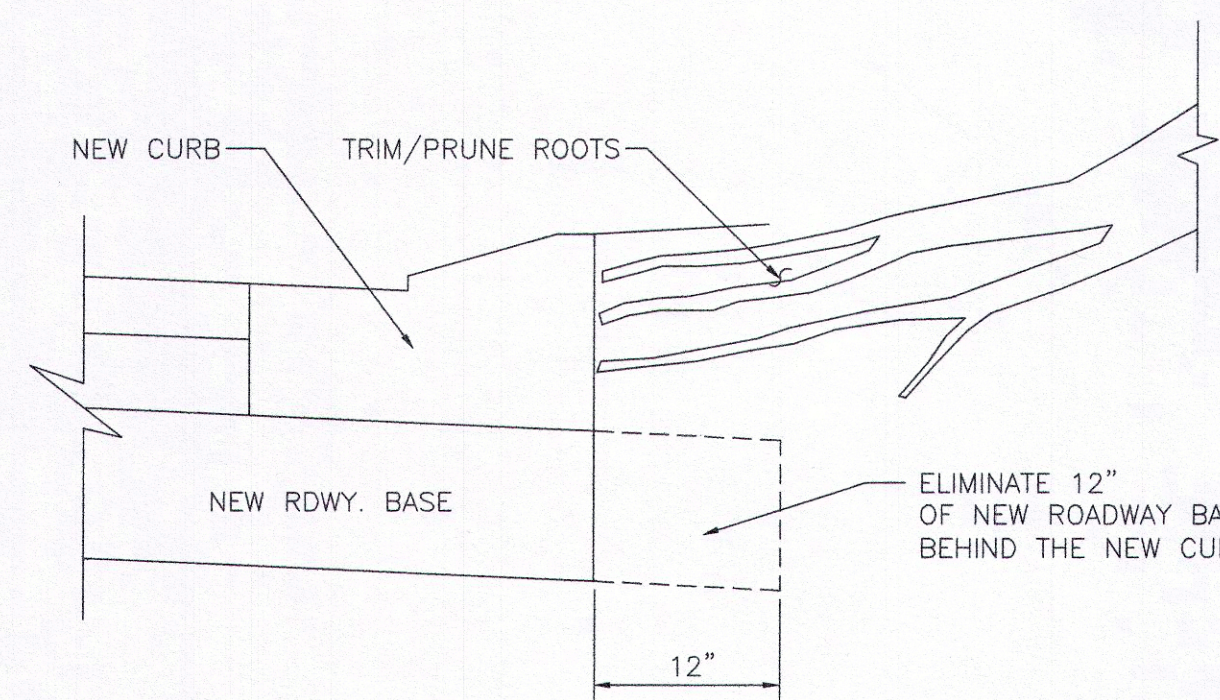
**TYPICAL DIAGRAM NO. 2**

TREE ROOTS GROWING OVER CURB

N. T. S.

**NOTES:**

- FOR TREES THAT HAVE ROOTS GROWING OVER THE CURB, THE FOLLOWING OPTIONS MAY BE POSSIBLE:
- LEAVE THE EXISTING CURB IN PLACE UNDER THE DRIPLINE OF THE TREE AND TIE INTO THE NEW CURB.
  - REMOVE THE EXISTING CURB BY HAND AND FORM NEW CURB BY HAND AROUND TREE ROOTS WITHOUT ROOT PRUNING.
  - REMOVE THE EXISTING CURB BY HAND, PRUNE ROOTS AS MARKED BY THE DEPARTMENT OF PARKS & PARKWAYS. FORM AND POUR NEW CURB.

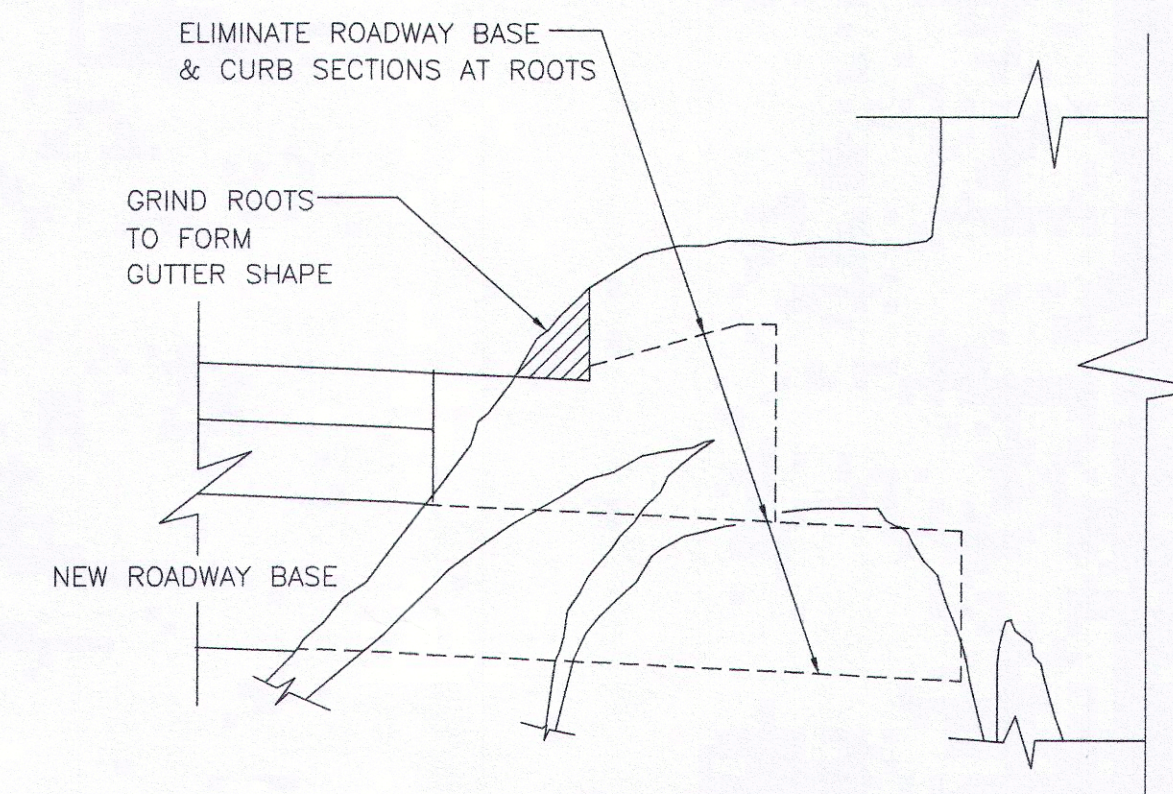


**DETAIL "A"**

DETAIL FOR ROOT PRUNING AT CURBS

REFER TO "TYPICAL DIAGRAM NO. 1"

N.T.S.



**TYPICAL DIAGRAM NO. 3**

TREE ROOTS EXTENDING INTO PROPOSED ROADWAY SECTION

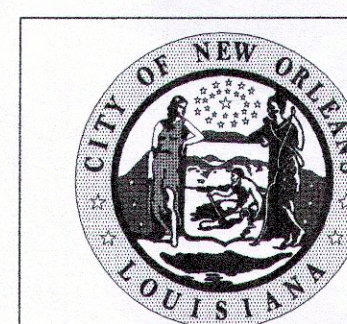
N. T. S.

**NOTES:**

WHERE BIG ROOTS EXTEND INTO ROADWAY SECTION, ELIMINATE ROADWAY BASE AND CURB SECTIONS AT ROOTS, AND GRIND ROOTS TO FORM GUTTER SHAPE MATCHING ADJOINING CONCRETE GUTTERS AS PER DIRECTION OF THE DEPARTMENT OF PARKS & PARKWAYS

**GENERAL NOTES:**

- THE CONTRACTOR IS RESPONSIBLE FOR HIRING A LICENSED ARBORIST TO PRUNE TREE ROOTS ON CITY TREES. ALL TREE ROOTS OF CITY OWNED TREES, DAMAGED DURING REMOVAL OF CURBS, SIDEWALKS AND DRIVEWAYS SHALL BE ROOT PRUNED. ALL TREE ROOTS DAMAGED DURING ANY EXCAVATION OPERATIONS, YARD DRAINS, COLLECTOR LINES, ETC. SHALL BE ROOT PRUNED.
- ALL PROJECTS REQUIRE ON-SITE INSPECTION BY THE DEPARTMENT OF PARKS & PARKWAYS AND THE ARBORIST TO DETERMINE THE EXTENT OF ROOT PRUNING THAT WILL BE REQUIRED OR ALLOWED.
- FERTILIZATION - ONLY IF SPECIFIED BY DEPARTMENT OF PARKS & PARKWAYS ARBORIST, THE TREE ROOTS PRUNED DUE TO CONSTRUCTION SHALL BE FERTILIZED USING A WATER SOLUBLE FERTILIZER INJECTED INTO THE SOIL. THE MINIMUM ACCEPTABLE N-P-K RATIO SHALL BE 30-5-5. THE NUTRIENT COMPLEX AND RATIO (GAL/SQ. FT.) MUST BE APPROVED BY THE URBAN FORESTER OVERSEEING THE PROJECT.
- ONLY IF SPECIFIED BY THE DEPARTMENT OF PARKS & PARKWAYS, MYCOORHIZAL FUNGAL INOCULANT TREATMENT SHALL BE APPLIED TO CONSTRUCTION DAMAGED TREE ROOT ZONES AS APPROVED BY THE URBAN FORESTER FROM THE PARK AND PARKWAYS DEPARTMENT.
- TERMITE TREATMENT - ALL TREE ROOTS PRUNED DUE TO CONSTRUCTION SHALL BE TREATED FOR TERMITES WITH A TERMINICIDE APPROVED BY THE URBAN FORESTER.
- ALL TREES SHALL BE IRRIGATED AND MULCHED AS INDICATED IN THE SECTION 02480, "LANDSCAPE PROTECTION DURING CONSTRUCTION".
- ONLY IF SPECIFIED BY THE DEPARTMENT OF PARKS & PARKWAYS, CAMBISTAT GROWTH REGULATOR OR EQUIVALENT SHALL BE APPLIED TO THE TREES AS PER THE DIRECTION OF THE URBAN FORESTER OVERSEEING THE PROJECT.

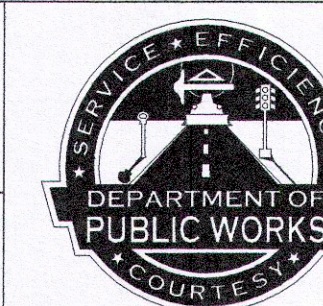


THE SELECTION AND USE OF THESE DETAILS, WHILE DESIGNED IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRINCIPLES AND PRACTICES, IS THE SOLE RESPONSIBILITY OF THE USER AND SHOULD NOT BE USED WITHOUT CONSULTING A LOUISIANA REGISTERED PROFESSIONAL ENGINEER.

CITY OF NEW ORLEANS  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION

MISCELLANEOUS DETAILS FOR  
TREE PLANTING & ROOT PRUNING

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DRAWING No.

MC3