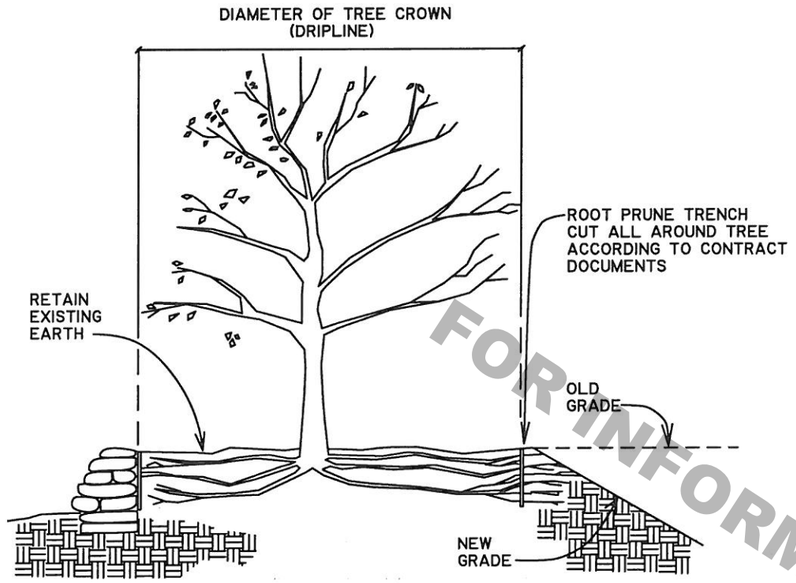
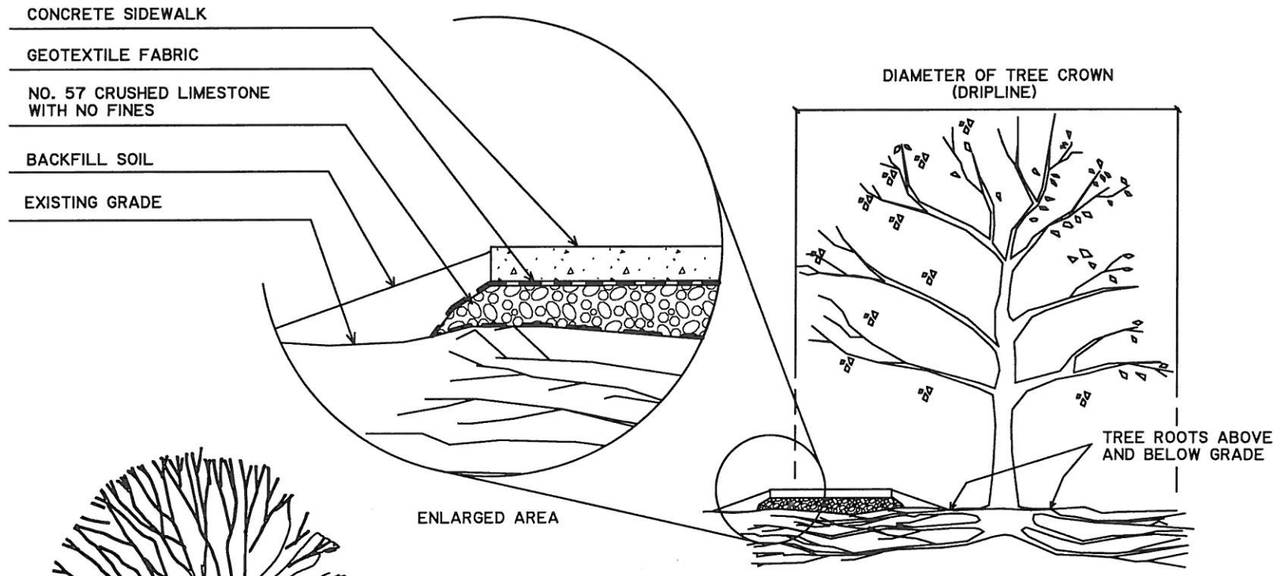
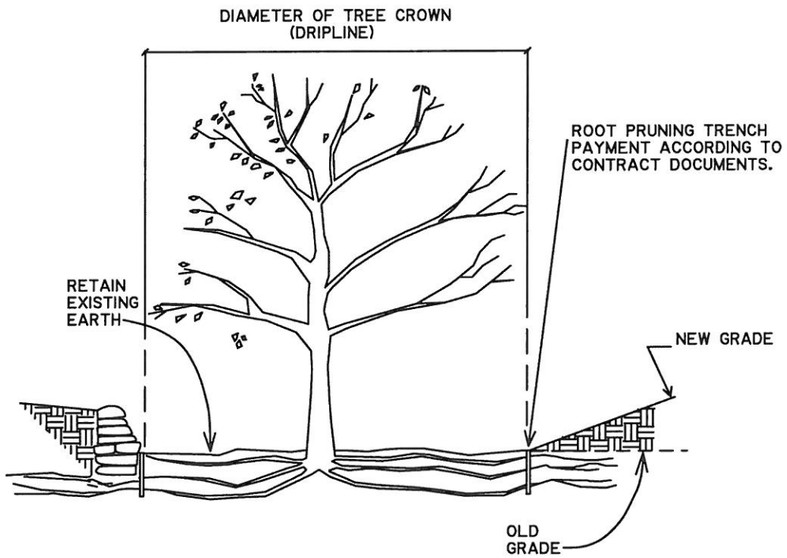
FOR INFORMATIONAL PURPOSES ONLY



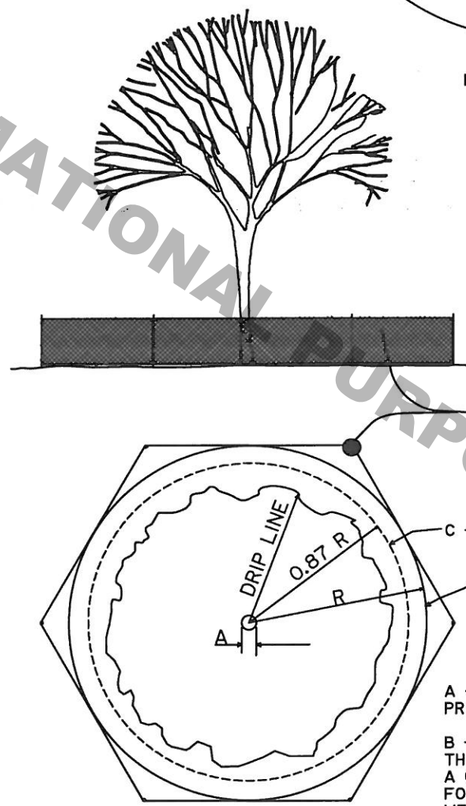
CUTTING GRADE AROUND EXISTING TREE



SIDEWALK WITHIN CRITICAL PROTECTION ZONE



FILLING GRADE AROUND EXISTING TREE



CONSTRUCTION / BARRIER FENCING TO BE MIN. 4' HT. AND ANCHORED WITH 'U' OR 'T' STYLE STEEL FENCE POSTS. THE BARRICADES SHALL BE PLACED TO ENCOMPASS THE CRITICAL PROTECTION ZONE (CPZ) OF THE TREE. (ALL LABOR, MATERIALS, AND INCIDENTALS SHALL BE INCLUDED IN THE COST OF CLEARING AND GRUBBING, SECTION 201)

A - DIAMETER IN INCHES 4'-6" ABOVE GRADE OF PROTECTED TREE

B - CRITICAL PROTECTION ZONE (CPZ) THAT AREA SURROUNDING A TREE WITHIN A CIRCLE INSCRIBED BY A RADIUS OF ONE FOOT FOR EACH INCH OF THE TREE'S DIAMETER MEASURED AT 4'-6" ABOVE GRADE

C - MIN. 75% OF B AREA

CONSTRUCTION FENCING
FOR TREE PROTECTION

NOTE:

GREAT CARE MUST BE TAKEN NOT TO COMPACT, CUT, OR FILL THE EARTH WITHIN THE CROWN AREA OF EXISTING TREES. MOST TREE ROOTS ARE LOCATED IN THE TOP 6 TO 18 INCHES OF THE SOIL AND OFTEN SPREAD FARTHER THAN THE DRIP LINE OF THE TREE. COMPACTION CAN CAUSE SEVERE ROOT DAMAGE AND REDUCE THE MOVEMENT OF WATER AND AIR THROUGH THE SOIL. TO AVOID COMPACTING THE EARTH, DO NOT OPERATE EQUIPMENT OR STORE MATERIALS WITHIN THE DIAMETER OF THE TREE CROWN (DRIPLINE).

TREE PROTECTION DETAILS FOR CONSTRUCTION AROUND EXISTING TREES

SHEET NUMBER

PARISH | FEDERAL PROJECT | STATE PROJECT

DESIGNED | DETAILED: HJP | DATE: 2011
CHECKED | CHECKED: RJD | SHEET

NO. | DATE | REVISION DESCRIPTION | BY

STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

TREE PROTECTION DETAILS FOR CONSTRUCTION AROUND EXISTING TREES

LD - 02

LANDSCAPE DESIGN

13-JUL-2011 12:20

Y:\Landscape\Special\Details\Sheets\Special Details (LD-01,02,03)\Tree Protection Sheet\Tree Protection: Special Details LD-02.dgn