CS-143 SPECIFICATIONS

1. EXCAVATION — HAND DIG HOLES AND DO NOT UNDERMINE EXISTING FACILITIES. DO NOT LOOSEN SOIL AT THE BOTTOM OF HOLE, COMPACT SOIL UNDER ROOT BALL IF LOOSE. DIMENSIONS OF THE HOLE WILL VARY WITH THE SIZE OF THE ROOT BALL. TREE WELLS LOCATED IN SIDEWALKS SHALL HAVE THE TOP OF ROOT BALL AT TOP OF THE SIDEWALK SURFACE, GRADE WITH A 1" WATER BASIN.

2. DRAIN PIPE IF NEEDED — ASSEMBLE AND POSITION FOUR INCH (4") PERFORATED PLASTIC FLEXIBLE DRAIN PIPE WITH FILTER FABRIC WRAP. USE ELBOWS AND TEES FOR BENDS. CAP PIPE ENDS WITH PERFORATED END PLUGS, OR GRATES. ENDS OF PIPES SHALL BE ONE INCH (1") ABOVE MULCH LEVEL.

3. STAKING — DRIVE TWO EIGHT FOOT BY TWO INCH DIAMETER (8' x 2" DIA) LODGE POLE PINNACE STAKES (TREATED WITH COPPER NAPHTHATE) TWELVE INCHES (12") INTO UNDISTURBED SOIL. FASTEN TREE TO STAKES WITH BLACK RUBBER TREE TIES (MINIMUM OF TWO), PLACE ONE ABOVE THE OTHER AT LOWEST POINT WHERE TREES STAND UPRIGHT. TREE TIES SHALL NOT HAVE INTERNAL WIRE. THERE SHALL BE NO WIRE AROUND ANY PART OF THE TREE SO THAT GIRDLING SHALL NOT OCCUR. WHEN USING GUY WRIES, WIRE SHALL BE INSERTED INTO WHITE PLASTIC TUBES OR PIPES FOR BETTER VISIBILITY AND SAFETY. TRIM STAKES TO A HEIGHT JUST ABOVE TREE TIES.

4. BACKFILL — THOROUGHLY MIX ORIGINAL SOIL WITH 8.5 CUBIC FEET OF APPROVED LOAM TOPSOIL AND BACKFILL AROUND THE ROOT BALL (DISPOSE OF EXCESS ORIGINAL SOIL). WATER AT TIME OF PLANTING, USING PRESSURIZED WATER JET TO SETTLE THE SOIL AND REMOVE AIR SPACE. PLACE FOUR INCHES (4") OF MULCH WITH WOOD CHIPS OVER THE ROOT BALL. FOR TREE WELLS IN LANDSCAPE AREAS, BUILD A WATER BERM MINIMUM OF FOUR INCHES (4") HIGH AND THREE FEET (3") IN DIAMETER AROUND THE TREE.

5. HARD SURFACING — FOR TREE WELLS IN PAVED AREAS, BUILD A BOX OF MINIMUM 25.5 INCHES BY 20 INCHES USING 1 x 4 REDWOOD HEADER BOARD AROUND THE TREE. AFTER SOIL SURFACE HAS DRIED AND SETTLED, LAY PORTED BRICKS (5 HOLES) OVER A COMPACTED ONE INCH (1") BED OF CLEAN SAND. BRING BRICKS FLUSH WITH PAVING SURFACE.

6. ROOT BARRIER — WHERE TREES ARE PLANTED IN PAVED SURFACE AREAS, PLACE A TWENTY-FOUR INCH (24") DEEP PANEL-TYPE PVC ROOT BARRIER AROUND PERIMETER OF TREE WELL.