## TREE PROTECTION
**G** — NTS

- SECURE WITH ZIP TIE AT TOP AND BOTTOM
- [2] LAYERS OF STAW WATTLE COILED AROUND ALL TREES THAT ARE WITHIN 5' OF ANY EXCAVATION. SEE SPECS
- 6'-0"

## EXCAVATION AT MEDIAN TREES
**C** — NTS

- MEDIAN CURB
- IMPORT TOPSOIL FILL, SEE SPECS.
- REMOVE TOP 18" OF AC & CEMENT TREATED BASE IN ALL MEDIAN PLANTING AREAS, REPLACE W/IMPORTED TOP SOIL MIX, SEE SPECS.
- (E) GRADE AT STREET
- EXCAVATION AREA AT EACH MEDIAN TREES. NOTE: OAK TREES REQUIRE LARGER EXCAVATION VOLUME THAN THE CRAPE MYRTLE AND PEAR, SEE DIMENSIONS. FILL EXCAVATED ARES W/"SCREENED SOIL" FROM CONTRA COSTA SOIL

NOTE:
TOP 18" (PLUS BERM ABOVE) OF SOIL IN PLANTING AREAS MUST BE FREE OF SPOILS FROM TRENCHING OR EXCAVATION. FILL TOP 18" OF ALL MEDIANS AREAS W/"TOP SOIL MIX" FROM CONTRA COSTA SOIL. SEE SPECS.

- 18"
- 3'-6" AT OAKS
- 2'-6"
- 4'
- 10' AT OAKS
- 8'
- 15' AT OAKS

## MEDIAN TREE PLANTING
**A** — NOT TO SCALE

NOTE: SEE IRRIGATION DRAWINGS AND DETAILS FOR IRRIGATION INFORMATION

NOTE: TREE STAKES TO BE LOCATED ON PREVAILING WIND SIDE WHEN TREE IS IN LEAF. ADJUST BRACING & TIES TO AVOID CONFLICT W/ LIMBS.

- (3) 3" DIA. X 10' MIN., PRESSURE TREATED LODGEPOLE PINE STAKES, CHAMFERED TOP & BOTTOM, SEE SPECS.
- (2) FABRIC-REINFORCED CORDED RUBBER STRAPS W/O WIRE. 3/8" TO 3/4" THICK. SEE SPECS.
- SET CROWN OF ROOT BALL 1" ABOVE FINISH GRADE
- 3" BARK MULCH, SEE SPECS.
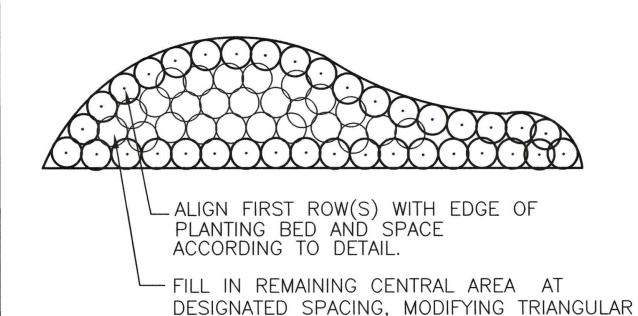- 3"-4" WATERING BASIN BERM
- ROOT BARRIER, 24" DEPTH, RUNNING CONTINUOUS ON BOTH SIDES OF MEDIAN, SEE DETAIL B THIS SHT.
- BACKFILL, PER SPEC
- ROOT BALL
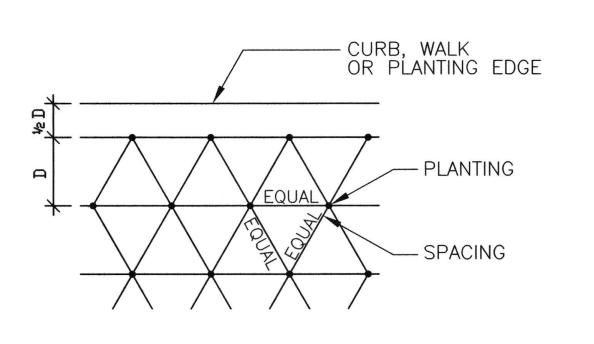- BID ALT. #1 DRAINAGE CHIMNEY SLOPE BOTTOM OF THE TREE PLANTING BASIN TO DRAIN INTO CHIMNEY. SEE SPECS
- DRAIN ROCK IN CHIMNEY — 3/4" CRUSHED ROCK TO A DEPTH OF 60" BELOW EXCAVATION. REFER TO DETAIL C, THIS SHEET
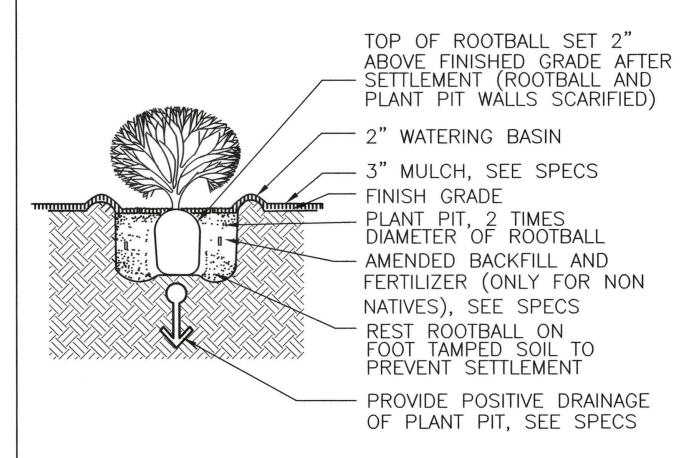- MEDIAN CURB
- 14"
- SEE DETAIL C, THIS SHEET
- 18"
- MAIN LINE
- FOOT TAMPED BACKFILL TO PREVENT TREE SETTLEMENT
- ROOT BALL, CENTER IN PLANTER
- 10"

## BRICK PAVER AT MEDIAN
**H** — NTS

NOTE: REFER TO CIVIL DETAIL SHEET C10 FOR BRICK PAVER & MEDIAN DETAILS

- JOINTS IN BRICKS SHALL BE FILLED WITH SAND SEE SPEICAL PROVISIONS
- BRICK PAVER (80mm). SEE SPECS
- MEDIAN CURB
- 1" (MAX) MORTAR BEDDING
- 8"
- 4" QUICK SET CONCRETE
- 12"+ CLASS II AB COMPACTED TO 95% RELATIVE COMPACTION
- COMPACT SUBGRADE TO 95% RELATIVE COMPACTION
- (SEE PLANS FOR DIMENSIONS)

## GRADING AT MEDIAN
**D** — NTS

- 3" LAYER OF MULCH, KEEP TOP OF MULCH 1" BELOW TOP OF CURB
- SLOPE FINISH GRADE AT 3% AWAY FROM MEDIAN CENTERLINE FOR DRAINAGE
- REMOVE TOP 18" OF AC AND CEMENT TREATED BASE, REPLACE WITH IMPORTED TOP SOIL, SEE SPECS.
- EXISTING STREET
- MEDIAN CURB
- 1"

## SHRUB SPACING DETAIL
**I** — NTS

- ALIGN FIRST ROW(S) WITH EDGE OF PLANTING BED AND SPACE ACCORDING TO DETAIL.
- FILL IN REMAINING CENTRAL AREA AT DESIGNATED SPACING, MODIFYING TRIANGULAR LAYOUT AS REQUIRED TO FILL PLANTING AREA.

## GROUND COVER SPACING
**F** — NTS

- CURB, WALK OR PLANTING EDGE
- PLANTING
- SPACING
- EQUAL
- EQUAL
- D
- ½D

## SHRUB PLANTING DETAIL
**E** — NTS

- TOP OF ROOTBALL SET 2" ABOVE FINISHED GRADE AFTER SETTLEMENT (ROOTBALL AND PLANT PIT WALLS SCARIFIED)
- 2" WATERING BASIN
- 3" MULCH, SEE SPECS
- FINISH GRADE
- PLANT PIT, 2 TIMES DIAMETER OF ROOTBALL
- AMENDED BACKFILL AND FERTILIZER (ONLY FOR NON NATIVES), SEE SPECS
- REST ROOTBALL ON FOOT TAMPED SOIL TO PREVENT SETTLEMENT
- PROVIDE POSITIVE DRAINAGE OF PLANT PIT, SEE SPECS

## LINEAR ROOT BARRIER AT MEDIAN
**B** — NOT TO SCALE

NOTES:
1. TOP OF ROOT CONTROL BARRIER MUST BE AT FINISHED GRADE OF SOIL (NEVER BELOW GRADE)
2. DURING CONSTRUCTION THE ROOT CONTROL BARRIER CAN BE PLACED AGAINST THE INSIDE OF THE CONCRETE FORM WORK EXCEPT WHERE NOTED OTHERWISE.
3. THE RAISED ROOT DEFLECTORS MUST BE FACING INWARD (TOWARD THE TREE)
4. INSTALL PER MANUFACTURER'S RECOMMENDATIONS & SPECIFICATIONS

- ADJACENT MEDIAN CURB
- CENTERED
- 14"
- 24"
- ROOT BARRIER: DEEP ROOT, OR EQUAL. 24" DEEP. INSTALL FLUSH TO SOIL GRADE. SEE SPECS.
- TREE ROOTBALL, SEE DETAIL A
- MAINLINE
- A LINEAR ROOT BARRIER TO RUN CONTINUOUSLY ALONG MEDIAN EDGE. ROOT BARRIER ON SOUTH SIDE TO BE 15" FROM CURB TO PROTECT MAINLINE
- SECTION NTS
- 14"
- ROOT BARRIER
- MEDIAN CURB
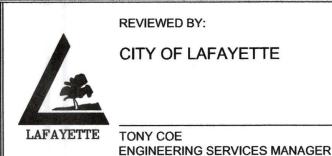- ROOT BALL
- IRRIGATION MAIN LINE
- PLAN NTS