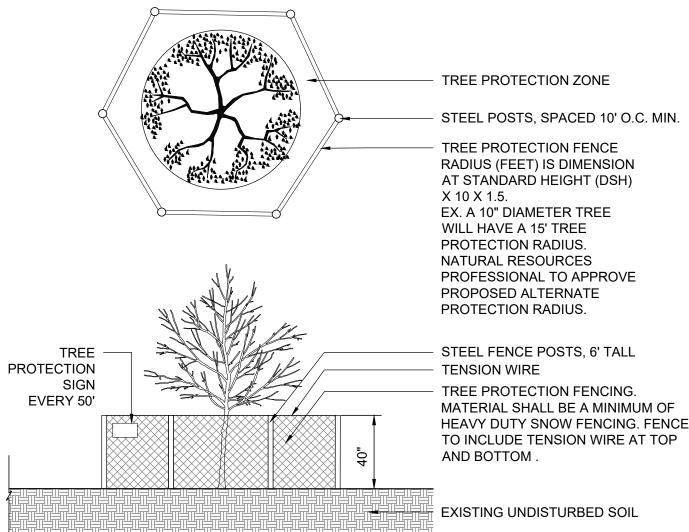
GENERAL NOTES:

- 1. FOR GROUPS OF TREES PLACE BARRICADES BETWEEN TREES AND CONSTRUCTION ACTIVITY AT THE EDGE OF THE TREES CRITICAL ROOT ZONE.
- 2. TREE PROTECTION IS REQUIRED WHEN CONSTRUCTION ACTIVITY ENCROACHES ON THE CRITICAL ROOT ZONE OF
- 3. SEE COLUMBUS TREE TECHNICAL MANUAL FOR ADDITIONAL TREE PROTECTION REQUIREMENTS.



TREE PROTECTION

SECTION

TREE PLANTING

GENERAL NOTES:

TREE PLANTING ITEM 661.16

FLEXIBLE BIODEGRADABLE

STAKING AS PER

TIES ITEM - 661.22

TRUNK PROTECTION

ROUND-TOPPED SOIL

ABOVE ROOT BALL

SURFACE SHALL BE

BERM 2" HIGH X 8" WIDE

CONSTRUCTED AROUND

THE ROOT BALL. BERM

SHALL BEGIN AT ROOT

BOTTOM OF ROOT BALL

RESTS ON UNDISTURBED

SOIL OR RECOMPACTED

BALL PERIPHERY

MIN 4' TALL ITEM - 661.21

ITEM-661.22

1. REMOVE DEAD AND BROKEN BRANCHES AND ALL SUCKER

3. SEE SCD 2179 BACKFILL WITHIN THE RIGHT-OF-WAY.

GROWTH. DO NOT DAMAGE OR REMOVE CENTRAL LEADER.

2. THE TYPE OF TREES TO BE USED SHALL BE SELECTED FROM AN

APPROVED LIST PROVIDED BY THE CITY, REFERENCE TREE

SEE CMSC 661.21 FOR BIODEGRADABLE TIES 2"X2" HARDWOOD STAKES OR STUDDED

> PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND THE ROOT BALL IN 3" LIFTS TO BRACE TREE. DO NOT OVER COMPACT. WHEN THE

PLANTING HOLE HAS BEEN

BACKFILLED, POUR WATER

SEE ITEM 661.17 MULCH -

MIN. 2" DEPTH, MAX. 4".

ROOT BALL TO PREVENT

DRYING. LEAVE A 2" DIA.

AREA AROUND THE TREE

TRUNK FREE OF MULCH.

TO CREATE A SMOOTH

A 15% MAX. SLOPE.

AND DEPTH SHOWN

UNDISTURBED SOIL

ORIGINAL GRADE

EXISTING SITE SOIL ADDED

TRANSITION FROM THE TOP

TO THE FINISHED GRADE AT

LOOSENED SOIL. DIG AND

TURN THE SOIL TO REDUCE

COMPACTION TO THE AREA

ITEM - 661.12, PLANTING HOLE

SECTION

OF THE RAISED ROOT BALL

LIGHTLY MULCH OVER

COMPOSTED BARK MULCH,

SETTLE THE SOIL.

AROUND THE ROOT BALL TO

T-POST (1.25LB. PER FOOT MIN.)

PREVAILING WIND

SECTION VIEW

GENERAL NOTES:

1. TREE SPACING AND MINIMUM TREE LAWN WIDTHS ALONG WITH THE TYPES OF TREES ACCEPTABLE FOR TR#E LAWNS CAN BE FOUND IN THE TREE TECHNICAL MANUAL AND SHOWN IN THE TREE PLAN. STAKING OPTIONS: EITHER (2) VERTICAL OR (3) GUY STAKES **ROUND-TOPPED SOIL** BIODEGRADEABLE TIES, BERM 2" HIGH X 8" SEE ITEM 661.21 WIDE ABOVE ROOT BALL SURFACE SHALL BE CONSTRUCTED AROUND THE ROOT TRUNK PROTECTION MIN 4' TALL ITEM - 661.21 BALL. BERM SHALL BEGIN AT ROOT BALL MIN. 2' - 6" PERIPHERY — FINISH GRADE MULCH 3" BELOW WALK 2" MIN. SEE SCD 2179, **BACKFILL WITHIN THE** RIGHT OF WAY. USE NATIVE SOIL FOR HOLE SHALL BE 2X AS WIDE AS THE BACKFILL ROOT BALL. DEPTH OF HOLE SHOULD UNDISTURBED SOIL BE DEPTH OF ROOTBALL, NOT BELOW. REMOVE THE TOP \(\frac{1}{3} \) OF WIRE - COMPACTED SOIL

TREE LAWN

BASKET, BURLAP, AND ALL TWINE

FROM ROOTBALL.

SECTION

MIX, IF REQUIRED

GENERAL NOTES:

1. FOR GROUPS OF TREES: PLACE BARRICADES AT THE TREE PROTECTION ZONE AROUND THE GROUPS PERIMETER.

2. INSTALLATION OF TREE PROTECTION BARRICADES SHALL BE PERFORMED BEFORE ANY SITE DEVELOPMENT OR SITE DEMOLITION ACTIVITY TAKES PLACE.

3. THE TREE PROTECTION BARRICADES SHALL REMAIN IN PLACE THROUGHOUT THE CONSTRUCTION PHASE AND UNTIL ALL SITE DEVELOPMENT ACTIVITIES ARE FULLY COMPLETE. ALL TREE PROTECTION FENCING AND WOOD CHIP MULCH SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT. ANY REMOVAL OF CHIPS MUST BE DONE BY HAND.

4. ANY DAMAGE THAT MAY OCCUR TO THE BARRICADES SHALL BE REPAIRED OR REPLACED TO THE ORIGINAL SPECIFICATIONS WITHIN 24 HOURS OF THE DAMAGE OCCURRING.

5. THE AREA WITHIN THE TREE PROTECTION BARRICADES SHALL NOT BE USED FOR THE STORAGE OF ANY MATERIALS, SUPPLIES OR DEBRIS OR THE DISPOSAL OF ANY SOLID, LIQUID OR GASEOUS MATERIALS THAT COULD CAUSE HARM TO THE TREES.

6. PUBLIC TREES THAT ARE DAMAGED DUE TO IMPROPER OR INSUFFICIENT TREE PROTECTION ARE WARRANTED FOR 1 YEAR POST-CONSTRUCTION AND ARE SUBJECT TO TREE MITIGATION.

MONETARY TREE VALUE SHALL BE DETERMINED BY USING THE GUIDE FOR PLANT APPRAISAL, PUBLISHED BY THE INTERNATIONAL SOCIETY OF THE ARBORICULTURE OR OTHER

SOURCES AS DETERMINED BY THE CITY FORESTER. BARRICADES ARE REQUIRED TO BE IN PLACE AROUND ALL TREES

TO REMAIN BEFORE CONSTRUCTION ACTIVITIES COMMENCE. 9. ANY PROPOSED UNDERGROUND UTILITIES SHALL BE ROUTED AROUND PROTECTED TREES TO THE OUTSIDE OF THE TREE'S DRIPLINE. IF THIS IS NOT FEASIBLE, AS DETERMINED BY THE COUNTY, A SLEEVE MAY BE USED UNDER THE TREE, PROVIDED THAT ALL ACCEPTABLE HORTICULTURAL/ARBORICULTURAL PRACTICES ARE ADHERED TO. ANY WORK WITHIN THE TREE PROTECTION ZONE MUST BE APPROVED VIA A FORESTRY PERMIT.

ITEM-204, COMPACTED SOIL OR ITEM-304, AGGREGATE BASE SEE SCD 1701, CURB PLANTER FOR GRANITE CURB INSTALLATION FINISHED GRADE 3" BELOW PAVEMENT TO -ACCOMMODATE MULCH LAYER MULCH 2" MIN. MIN. 2' - 6" LENGTH AND WIDTH OF PLANTER VARIES TOP OF SUBGRADE UNDISTURBED SOIL ITEM-203, — USE NATIVE SOIL FOR COMPACTED SOIL BACKFILL OR ITEM-304, HOLE SHALL BE 2X AS WIDE AGGREGATE BASE AS ROOT BALL. DEPTH OF HOLE SHOULD BE DEPTH OR ROOT BALL, NOT BELOW. COMPACTED SOIL MIX IF REMOVE THE TOP \(\frac{1}{3} \) OF WIRE NEEDED BASKET, BURLAP, AND ALL TWINE FROM ROOT BALL.

O4) CURBED PLANTER

SECTION

ARD

AND

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