To Hold Barrier Taut
Secure Barrier To Posts
Orange Construction Barrier

Critical Root Zone Of The Tree
No Open Trenching Under The
4' Minimum Barrier Height

Underground Utility

X

seen Note 1

Tree Trunk

Post (2' x 4' Nominal @ 4'-0" O.C. Typ.)

See Note 2

Tree Protection Barrier

Canopy

Protect any portion of
that extends beyond barrier, unless
Pruning must be supervised by a Certified
Arborist.

Fan Way

Place Burlap (3 Minimum)

Boards Into Tree)
(Do Not Fasten

Protective Barrier
Form A Continuous
2" x 4" Boards To

Post (2' x 4' Nominal @ 4'-0" O.C. Typ.)

See Note 4

Critical Root Zone

Tree Protection Barrier For Tree Groupings

Critical Root Zone (See Plans For Barrier Alignment)

Place Burlap Between the Trees and The Trunk

Bands (3 Minimum)

Elevation

2" x 4" Nominal Boards

2" x 4" Nominal Boards

Burlap

Weather Resistant Sign
(See Note 7)

10 /18 /20

REVISION

DESCRIPTION:

REVISION

FY 2019-20

STANDARD PLANS

INDEX

TREE PROTECTION AND PRESERVATION

TRACT PROTECTION

TRUNK PROTECTION

TS

(See Note 4)

Critical Root Zone

Tree Protection Area.

1. Critical Root Zone: Extends in all directions
from trunk of tree to a distance equal to one foot per
inch of trunk diameter at breast height.

2. Staging, storage, dumping, washing and operation of
equipment is not permitted within the limits of the tree
protection barrier, including during barrier installation.

3. Install all tree protection prior to commencement of
construction and remove when directed by the Engineer.
Maintain protection at all times.

4. For closely spaced groups of trees, place the tree
protection barrier around the entire group.

5. Inspect tree protection and tree quarterly to prevent
girdling. Adjust bands to allow tree growth as needed.

6. See plans for any additional requirements or modifications
within the tree protection area.

7. Place weather resistant sign every 50' along the barrier,
with 6" minimum text height and provide text in English and
Spanish. Sign should read "Keep Out Tree Protection Area".

8. Alternate tree protection systems approved by the Engineer
may be used in lieu of the tree protection barrier detailed
on this Index as long as the critical root zone is protected.

9. The Critical Root Zone may be reduced, in the field, by a
certified Arborist or Landscape Architect.

Critical Root Zone

Note 1: Trunk protection may be used when Tree Protection Barrier can not be
enrely, when approved by Engineer.

Note 2: See Selective Clearing and Grubbing Plan for location of trunk protection,
when applicable.

Note 3: Adjust bands to allow tree growth (inspect quarterly to prevent girdling).