

ALUMINUM HANDRAIL (BICYCLE FACILITY)
TO BE INSTALLED ALONG TREE WELLS OVER
10 INCHES HIGH. SEE FDOT STANDARD PLANS,
LATEST EDITION FOR APPLICABLE DETAILS AND
DROP OFF CRITERIA.

3/4" STEEL ROD. TWO PER TIE
EVERY OTHER LAYER. ROD TO
BE DRIVEN THRU AT LEAST 3
TIMBERS.

6"x8"x8" OSMOSE-TREATED TIMBER
(3'-2" TO 5'-8" POSTS, 4' O.C.)
PROPOSED GRADE ELEV.

1/2" DIAMETER 10" LONG GALV.
LAG SCREWS W/ WASHERS (TYP.)

FILTER FABRIC = MIRAFLI 140N
TO BE ATTACHED TO
WALL AS SHOWN

VARIES
3' TO 5'

SIDEWALK TO SLOPE TO EXIST. GROUND
AT R.O.W. SLOPE WILL VARY.

EXIST. GROUND

3/4" STEEL ANCHOR THRU
2 TIES AND A MIN. 3' INTO
COMPACTED SUB-GRADE TWO
PER TIE

TREE WELL OR WALL DETAIL

NOTES:

1. Tree barricades are to be inspected and approved by the County prior to the commencement of any clearing or construction activities.
- *2. Installation of a retaining wall shall be placed no nearer the tree trunk than 3 times the trunks diameter, measured at 4.5 feet above the natural ground when no more than 30% of the trees root system will be severed.
3. Unless otherwise required by the Engineer, the contractor shall provide a tree wall at all locations where ground elevations will differ by 6 inches or more with proposed construction. The wall shall be a minimum of three feet from the outside edge of the tree and extend beyond the tree canopy by a factor of two (2) or until the ground elevations are 6" or less.

3/4" STEEL ROD - TWO PER
TIE EVERY OTHER LAYER

6"x8"x8" OSMOSE
TREATED LUMBER

PROP. SIDEWALK

VARIES
3' MIN.
FROM LAST TIE

3' MINIMUM*

EXIST. GRADE

PLACE POST ON BACK OF WALL.
(SEE OTHER DETAILS FOR DIMENSIONS.)

SPECIAL WALL DETAIL

REVISION DATE:

10/21

**TRANSPORTATION
TECHNICAL
MANUAL**



**Hillsborough
County Florida**

**TREE PROTECTION
TYPICAL DETAILS**

DRAWING NO. **TD-16**

SHEET NO. 2 OF 7