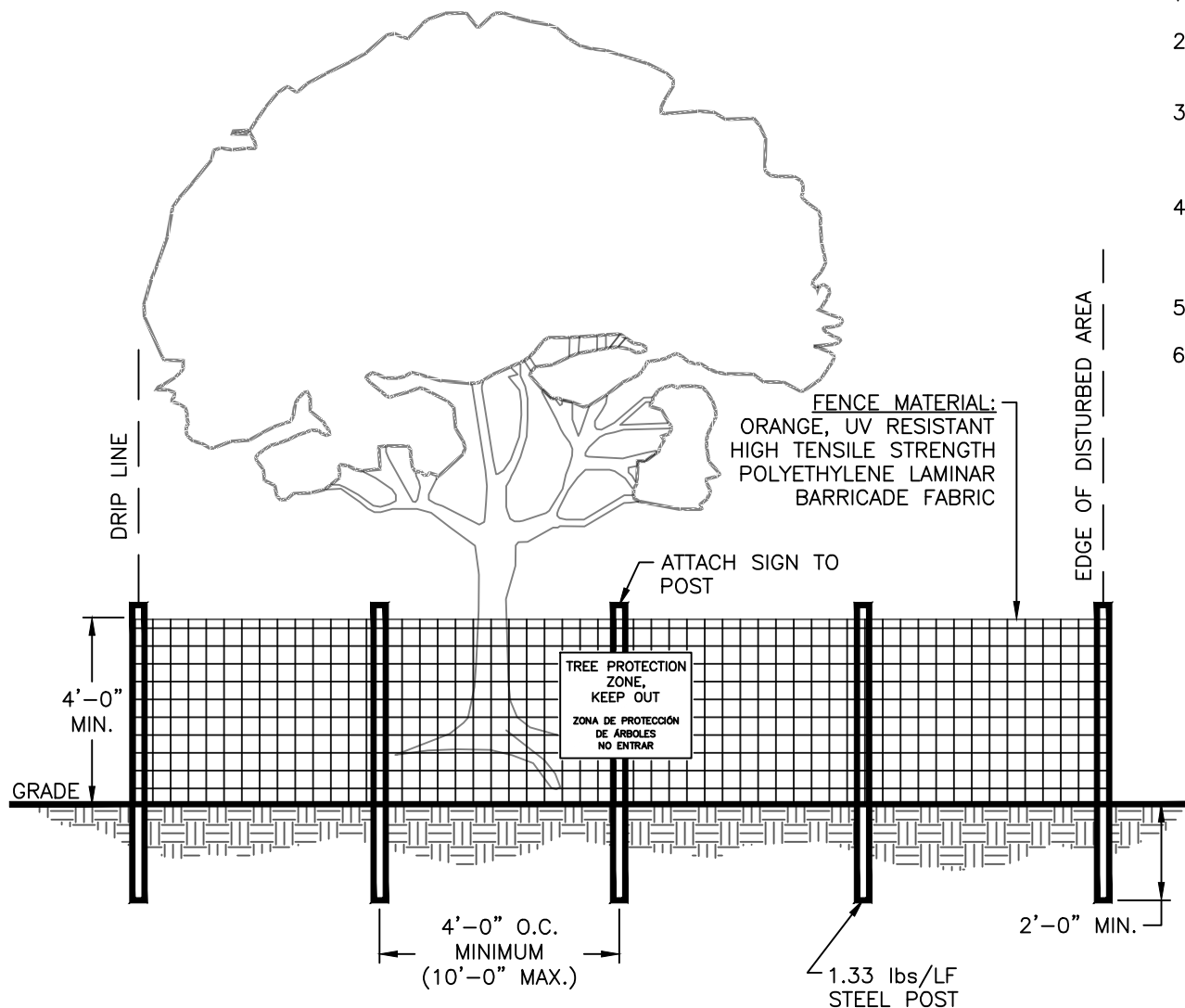


\\\\chfs\\Engineering\\Design Manual\\Standard Details\\CAD\\CAD details\\EC-1200.dwg



MATURE TREE PROTECTION ZONE RADIUS			
TRUNK DIAMETER	GOOD PROTECTION	BETTER PROTECTION	BEST PROTECTION
8 INCHES	10 FEET	12 FEET	20 FEET
12 INCHES	15 FEET	18 FEET	30 FEET
16 INCHES	20 FEET	24 FEET	40 FEET
20 INCHES	25 FEET	30 FEET	50 FEET

" NOT TO SCALE "

NOTES:

1. ALL PLANTS DESIGNATED TO BE SAVED SHALL BE PROTECTED BY FENCING, AS ILLUSTRATED.
2. INSTALL TREE PROTECTION FENCE AT TREE DRIP LINE OR AT EDGE OF DISTURBED AREA, AS SHOWN ON PLANS, PRIOR TO COMMENCEMENT OF CONSTRUCTION.
3. SPACE TREE PROTECTION ZONE SIGNS A MINIMUM OF ONE EVERY 300-FT. THE SIZE OF EACH SIGN MUST BE A MINIMUM 2-FT X 2-FT AND BE VISIBLE FROM BOTH SIDES OF THE FENCE.
4. THE SIGN MUST CONTAINING THE FOLLOWING LANGUAGE IN BOTH ENGLISH & SPANISH:
"TREE PROTECTION ZONE, KEEP OUT."
"ZONA DE PROTECCIÓN DE ÁRBOLES, NO ENTRAR"
5. THERE SHALL BE NO STORAGE OF MATERIAL WITHIN THE BOUNDARIES OF THE TREE PROTECTION FENCING
6. TREE PROTECTION FENCING SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.

MAINTENANCE

1. TREE PROTECTION FENCES SHALL BE CHECKED WEEKLY BY SITE STAFF. REPLACE OR REPAIR DAMAGED TREE PROTECTION FENCING.
2. TREE HEALTH SHALL BE MONITORED BY TRAINED STAFF DURING AND AFTER CONSTRUCTION ACTIVITIES ON A FREQUENT, REGULAR BASIS.
3. PRUNE ANY DAMAGED TREES. IN SPITE OF PRECAUTIONS, SOME DAMAGE TO PROTECTED TREES MAY OCCUR. IN SUCH CASES, REPAIR ANY DAMAGE TO THE CROWN, TRUNK, OR ROOT SYSTEM IMMEDIATELY
4. REPAIR ROOTS BY CUTTING OFF THE DAMAGED AREAS AND PAINTING THEM WITH TREE PAINT. SPREAD PEAT MOSS OR MOIST TOPSOIL OVER EXPOSED ROOTS.
5. REPAIR DAMAGE TO BARK BY TRIMMING AROUND THE DAMAGED AREA, TAPER THE CUT TO PROVIDE DRAINAGE AND PAINT WITH TREE PAINT.
6. CUT OFF ALL DAMAGED TREE LIMBS ABOVE THE TREE COLLAR AT THE TRUNK OR MAIN BRANCH. USE THREE SEPARATE CUTS TO AVOID PEELING BARK FROM HEALTHY AREAS OF THE TREE.



TOWN OF
**CHAPEL
HILL**

DATE: 02/2017

TOWN OF CHAPEL HILL
STANDARD DETAIL

REVISIONS

05/2024
01/2026 - Logo only

TREE
PROTECTION
FENCE

EC-12.00