

2005 EXCELLENCE IN HOT-DIP GALVANIZING ELECTRICAL, UTILITY, & COMMUNICATION

CELL TOWERS TREE APPLICATION

California



W.S.C.
Engineering
Engineer

Although more cities and municipalities are requiring unobtrusive cell tower designs and appearances, hot-dip galvanizing continues to be the choice for cell tower corrosion protection. This is especially true for galvanized cell towers covered with a rubber bark and located in coastal and highly-corrosive environments. As in the case of a duplex system, the zinc coating delivered by hot-dip galvanizing provides an "under-bark" protection on the entire pole surface and around the many limb brackets welded in place, as well as complete coverage inside the cell tower pole itself. Special handling of these 12,000-pound poles was required to deliver a quality framework for these "not-so-real" palm and deciduous trees.