



Parking Lot Examples

1. Home Depot in Carlsbad or Vista -- mostly ok but also some bad

2. Encinitas CVS on El Camino, examples of the problem but also some spots that aren't bad

3. Balboa Park near the science museum -- good examples



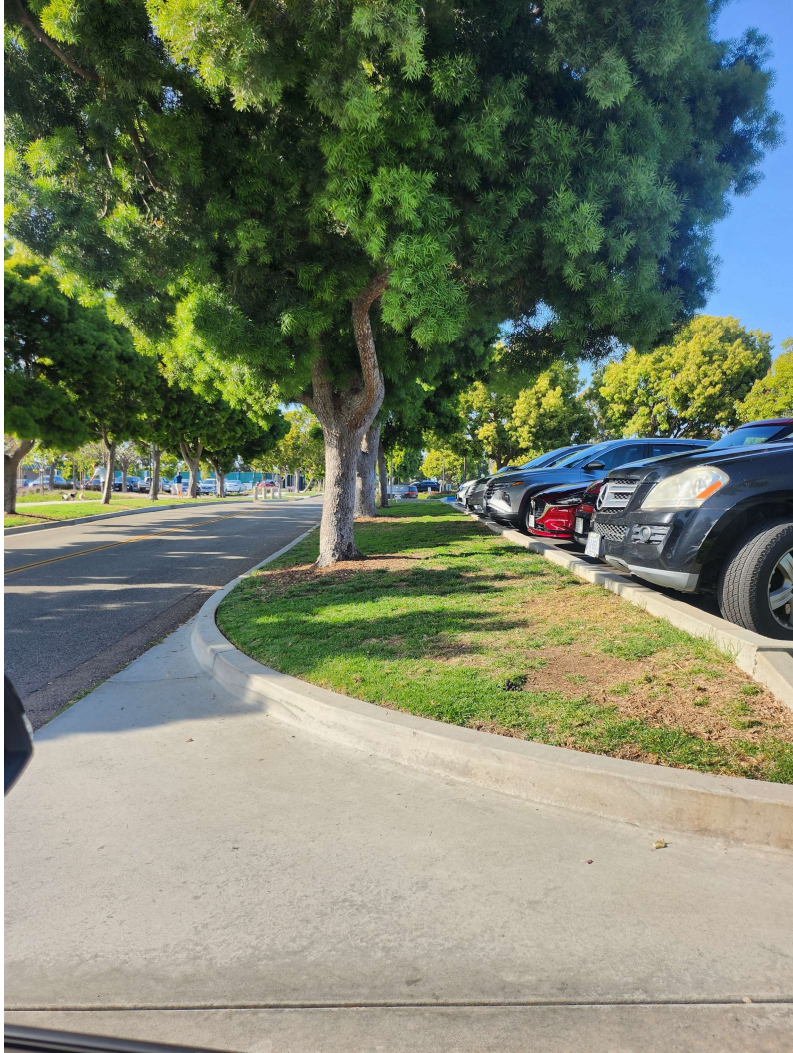




Good: Carlsbad Poinsettia Park (images attached)

Bad: Encinitas City Hall (no images necessary!!!)





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Parking Lot Tree Update

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Notes (good & bad)

- Thriving trees in parking lots (seem to be) due to larger space to grow
- Newer parking lots have improved tree & plant areas
- Older parking lots have small plots inevitable for failure, provide recommendation to City on alternative designs; solar canopy in tight plots, increase tree planting in parameters
- Recommend new & improved guidance for future commercial / parking lot development

Research

- Designing a parking lot for trees to thrive
 - First, select tree species that are well-suited to urban environments, considering factors like soil quality, available space, and exposure to pollutants.
 - Next, incorporate tree planting islands or strips within the parking lot layout, allowing for sufficient soil volume and root space.
 - Use permeable pavement materials or tree grates to enable water infiltration and root growth while providing structural support for vehicles. Integrate irrigation systems, such as drip irrigation, to deliver water directly to the tree roots and mitigate drought stress



Images



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Nicely Shaded Parking Lot, Pottstown, Pennsylvania