Berkeley Lab Fire Safe Vegetation Gary Piermattei, Berkeley Lab Fire Marshal





October 1991 "Tunnel" Fire in the Berkeley - Oakland Hills



Impetus to reduce the impact of wildland fire:

- The area's history shows over a dozen major fires since the first documented fire in 1923
- Fires keep reoccurring in the same areas in similar weather conditions







Berkeley Lab Fire Response



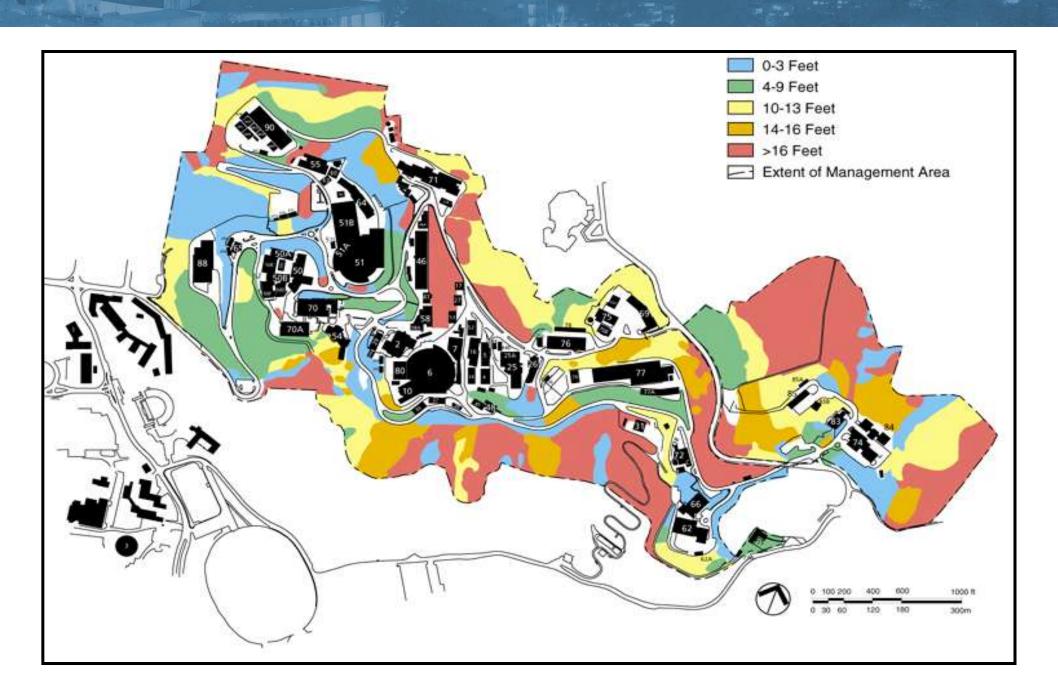
Berkeley Lab Contracts with Alameda County Fire to respond to both onsite and offsite emergencies surrounding LBNL

- In the last year, ACFD has responded to 137 calls to offsite locations
- Berkeley Lab recently invested
 \$1.8 million in completing seismic upgrades for the Fire Station
- Serve as a staging area in the event of fire



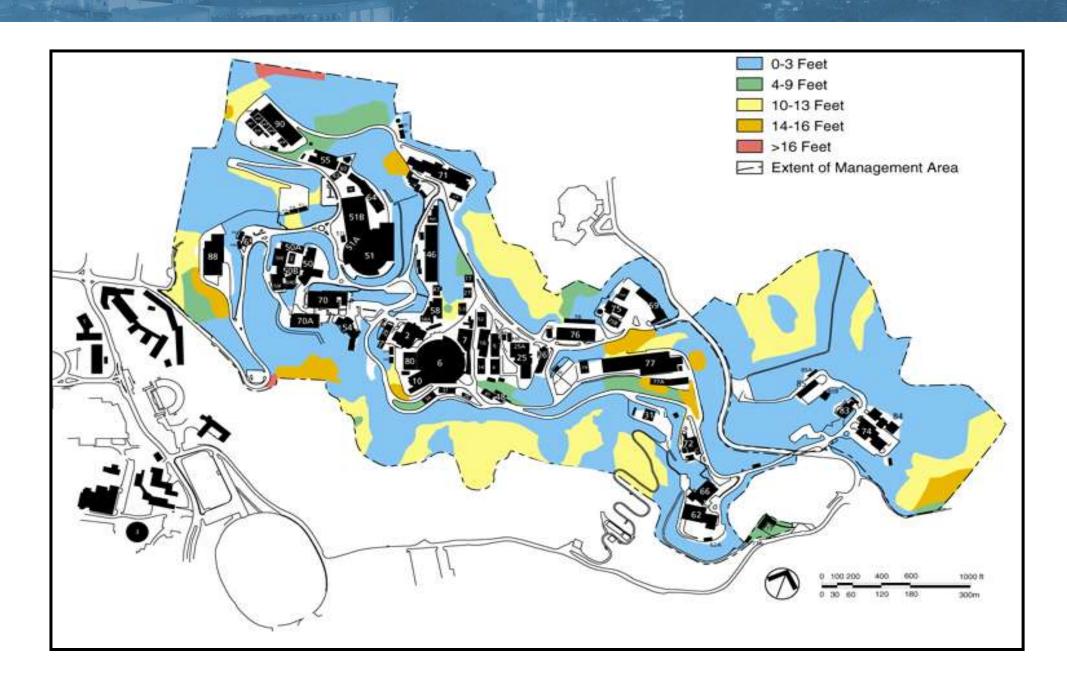
Flame Heights - 1995





Flame Heights - 2010





Berkeley Lab's Vegetation Management



- Goal sustainable/fire safe vegetation
- Manage fuel loads, avoid ladder fuels
- Encourage natives:
 - Keep bay trees trimmed away from live oak
 - Encourage live oak volunteers with cages
 - Encourage perennial grasses
- Discourage sudden oak death

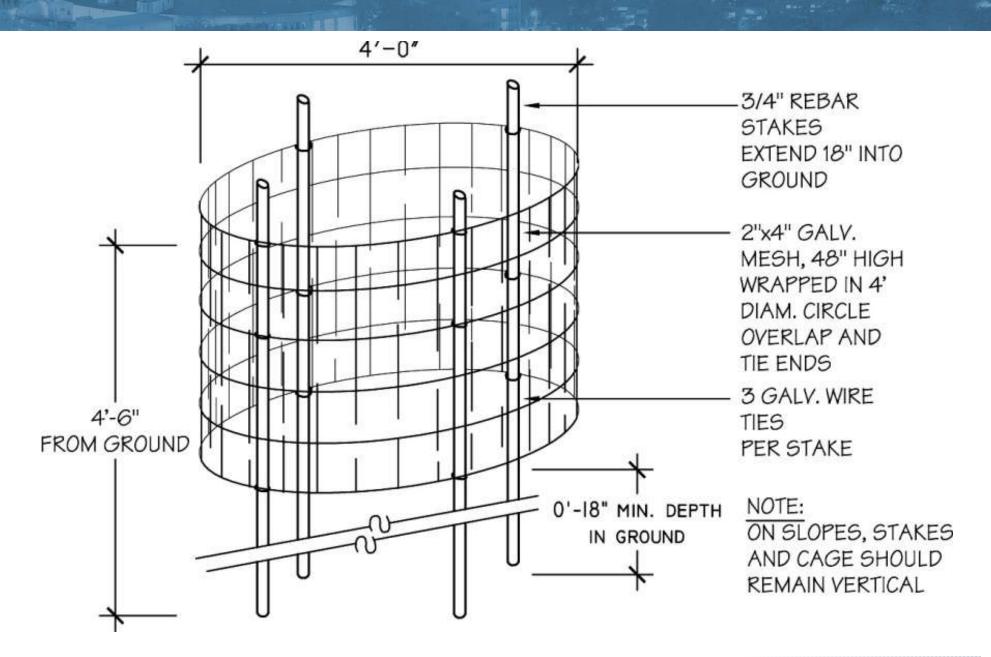
Berkeley Lab's Vision





Protection Cage





Cages ~ 15 years later





Nursery with Cages





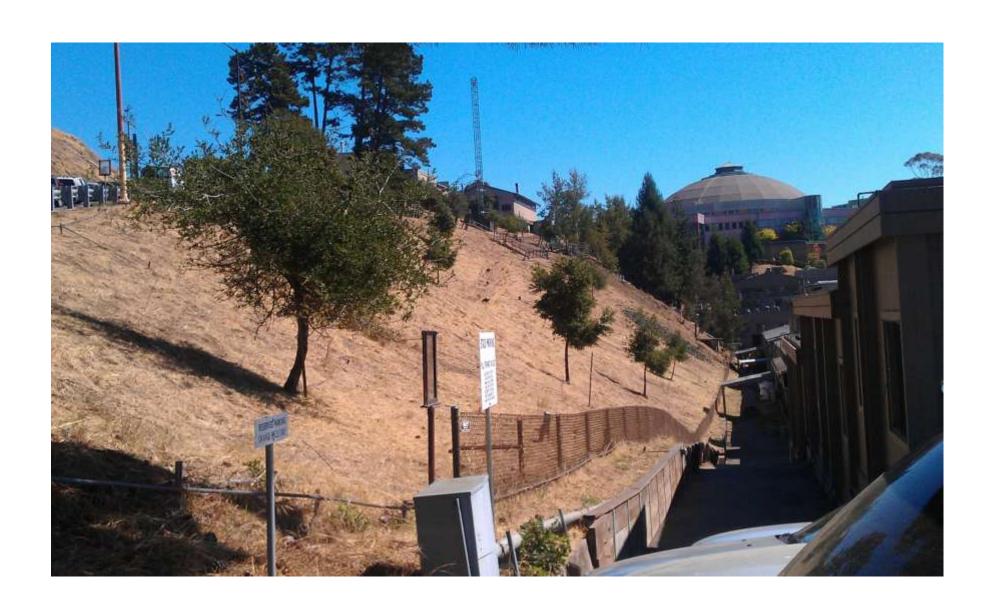
Nursery with Cages





Current State





Encouraged Vegetation





More trees





Thank you!



I welcome questions and would appreciate input.