

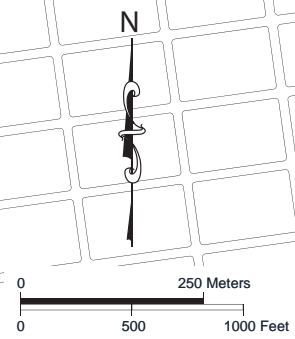
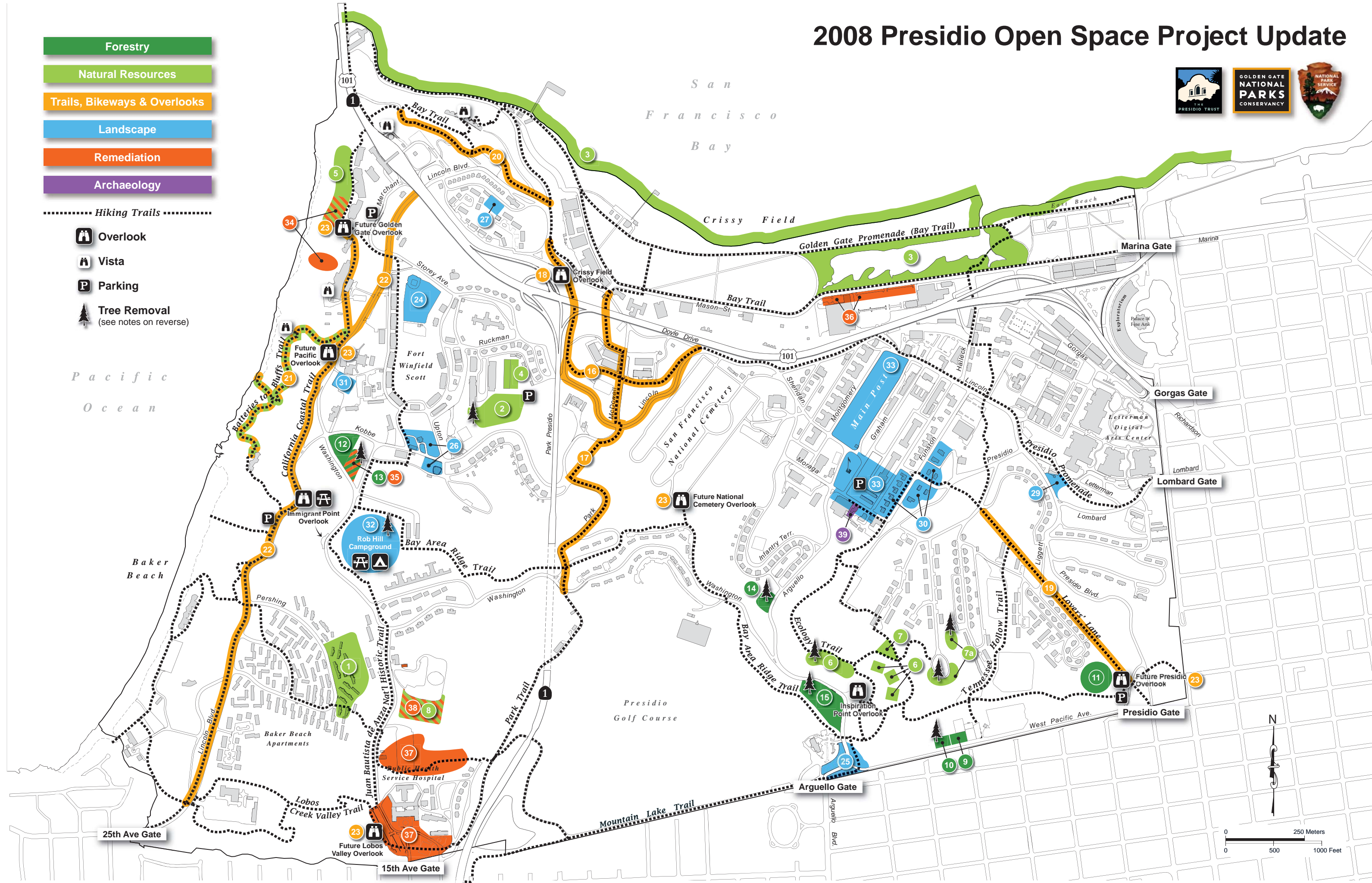
2008 Presidio Open Space Project Update



- Forestry
- Natural Resources
- Trails, Bikeways & Overlooks
- Landscape
- Remediation
- Archaeology

..... Hiking Trails

- Overlook**
- Vista**
- Parking**
- Tree Removal**
(see notes on reverse)





2008 Presidio Open Space Projects

Natural Resources (by site)

- 1 Baker Beach Housing Native Landscaping**
Native plants now dominate the landscape around many of the houses and connect the coastal scrub habitats. The project has beautified the neighborhood and increased habitat for rare dune annual plants and wildlife.
- 2 Dragonfly Creek Restoration**
The creek near Fort Scott has been a hive of activity for the last year. Eucalyptus trees, non-native vegetation, and eucalyptus litter have been removed and thousands of plants were planted. In 2008, 13 trees will be removed and creek restoration will continue.
- 3 Two USGS Research Studies at Crissy Field**
In partnership with the National Park Service, United States Geological Survey researchers are studying coastal processes along the Crissy Field shoreline from Fort Point to the San Francisco Yacht Harbor. A second study is investigating biogeochemical properties in the water, soil, and plants in the Crissy Field marsh at different tidal stages and inlet conditions. Together these studies are expected to provide information critical to managing the Crissy Field shoreline and marsh and planning for future habitat enhancements.
- 4 Presidio Nursery**
The Presidio Nursery, with the support from the community of volunteers, grew 54,255 plants of 168 different species native to the Presidio.
- 5 Restoration at Former Landfill on the Coastal Bluffs**
Since the beginning of 2008, 15,000 native grasses, forbs, and shrubs were planted into serpentine soil. See also #34.
- 6 Rare Wildflower Enhancement at Inspiration Point**
A project is underway to improve habitat for the federally endangered Presidio clarkia by testing methods of exotic plant control, including mowing, scraping and tarping, and controlled burns. The results will guide future management. In 2007, 27 Monterey pine trees were removed to expand grassland. In 2008, 14 trees will be removed to continue habitat expansion.
- 7 Ecology Trail**
As a result of clearance from the U.S. Army, a site where WWI-era mustard agent vials were once found will be replanted in fall 2008.
- 7a El Polín Springs**
Approximately 50 trees will be removed as the first step of the Tennessee Hollow watershed project to restore plant and wildlife habitat near the spring. Volunteers will be needed to help replant the site. Please call (415) 561-5333 for more information. A site tour will be scheduled in mid-summer.
- 8 Nike Swale**
Following remediation, this area will undergo restoration of dune and fresh water wetland habitats.

Natural Resources (park-wide)

- Tennessee Hollow Watershed**
A major milestone was reached in January 2008. After years of planning, compliance, and public input, the Trust adopted a preferred alternative for revitalizing 28 acres in the upper watershed. Plans include restoring the creek and wildlife habitat, new trails and opportunities for stewardship and outdoor education, reorganizing and upgrading playing fields, and welcoming the public to interpret the watershed's rich history or simply enjoy. Thanks to all who contributed - we hope you will stay involved as the project moves forward.
- Inventory of Reptiles and Amphibians**
This inventory surveyed habitats throughout the Presidio and documented six native species and one introduced turtle species.
- Inventory for Arachnids**
Habitats are being assessed to document arachnid species in the park. The inventory will be completed in fall 2008.
- Water Quality**
Water quality monitoring will occur at Dragonfly Creek, Thompson Reach, El Polín Springs, and Tennessee Hollow's eastern tributary from April through September 2008. The Trust will initiate year-round monitoring for these and other sites beginning October 2008.
- Wildlife**
Guidelines for wildlife protection and management are being completed this fall.
- Bat Survey**
A one year survey using acoustic monitoring begins summer 2008.
- Ground Beetle Inventory**
In order to better understand the park's terrestrial ecology, a ground beetle inventory will begin in summer 2008.

Forestry

- 9 Julius Kahn Reforestation (Phase I)**
In the first of a planned series of projects, 65 Monterey cypress were planted by school children in November 2007.
- 10 Julius Kahn Reforestation (Phase II)**
Twenty-five Monterey cypress will be replaced with a new planting near Julius Kahn Playground.
- 11 West Pacific Reforestation**
In phase 3 of the project, 50 Monterey Cypress were planted at West Pacific grove in December 2007.
- 12 Kobbe Reforestation (Phase IV)**
In the fourth phase of the project, 120 Monterey cypress and Pine pitch canker-resistant Monterey pines were planted near the World War II Memorial.

Forestry (cont.)

- 13 Kobbe Reforestation (Phase V)**
Twenty-five declining Monterey cypress at the corner of Harrison and Kobbe Avenues will be replaced with 100 Monterey cypress and Monterey pine.
- 14 Redwood Reforestation**
Coast redwoods will be planted after the removal of blackwood acacia south of Thomas Street on Arguello Boulevard.
- 15 Arguello Reforestation**
Thirty declining Monterey cypress will be replaced with young trees at a site near the Bay Area Ridge Trail.

Trails, Bikeways & Overlooks

- 16 Presidio Promenade**
The next phase of the Promenade, a major east-west trail connecting the Lombard Gate to the Golden Gate, will be underway. Construction will include a multi-use trail and on-road bike route.
- 17 Park Trail**
This year, a major segment of the trail will be built including a multi-use trail and on-road bike route. Park Trail is a major north-south corridor connecting the neighborhoods of San Francisco to Crissy Field.
- 18 Crissy Field Overlook**
Construction is underway and the overlook will be open this summer.
- 19 Lovers' Lane**
The surface of this historic trail was improved as the first step in a series of trail improvements that may also include lighting upgrades, visitor benches, and improved interpretation.
- 20 Bay Trail**
Construction on the Battery East segment of the Bay Trail will begin in May 2008 and be completed by end of summer 2008. The Bay Trail provides a separated multi-use trail that connects Crissy Field to the Golden Gate Bridge and is part of the 400+ mile San Francisco Bay Trail around the Bay.
- 21 Batteries-to-Bluffs Trail**
Completed in 2007 this newly constructed trail along the Presidio's Coastal Bluffs provides spectacular views of the Pacific Ocean, experience of coastal habitat, and access to beaches.
- 22 California Coastal Trail**
Planning and design for the Coastal Trail in the Presidio is underway, and construction is anticipated to begin next year. The project will create a multi-use trail and on-road bike route along the coast from the Golden Gate Bridge to Baker Beach and the 25th Avenue Gate. New overlooks and interpretive areas will be provided.
- 23 Scenic Overlooks**
This year, planning and design will be underway for several scenic overlooks along the trail and bikeway system.

Landscape

- 24 Fort Scott Playing Field**
Design is underway to upgrade this field.
- 25 Arguello Gate**
The tree canopy that was historically present is being restored. New plantings include cypress, melaleuca, redbuds, low-branching fruitless olive trees, tea trees, and flowering shrubby ground cover, including Presidio natives.
- 26 Kobbe/Upton**
The landscape around historic residential buildings (including the Commanding Officer's Quarters) was enhanced. Improvements included a new irrigation system, lawns and shrub beds, and a patio.
- 27 Armistead Playground**
The playground was replaced with a new climbing structure, swing sets, a basketball half court, and a picnic/barbeque area.
- 29 Building 558**
A pedestrian plaza north of the building was constructed, and the parking lot was separated from Presidio Boulevard traffic with landscape planters.
- 30 Funston Avenue**
The Queen Annes along Presidio Boulevard historically marked the front door of the Main Post. New plantings around the foundations and ornamental palm islands complement the Victorian-era architecture and reinforce the gateway's importance. Along upper Funston, new front gardens recall the early 20th century American Army Presidio, and back gardens allow for archaeological work on the walls of the original El Presidio.
- 31 Composting Facility**
At the newly relocated composting facility, the Presidio's green debris is processed into a valuable soil amendment used to nurture native plants and young trees.
- 32 Rob Hill Campground**
San Francisco's only overnight campground is undergoing an expansion and upgrade to serve more children. Approximately 20 trees will be removed in late spring 2008 so the campground can be improved.
- 33 Main Parade Ground**
Planning continues to revitalize the Main Parade Ground as a civic gathering place to interpret Presidio history. Public participation in Main Post planning will be invited in summer 2008.

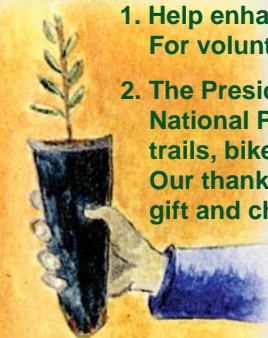
Remediation

- 34 Coastal Bluffs**
More than 100,000 cubic yards of debris was removed from the steep slopes. The debris consisted of building rubble, fill, ash, and trash that was contaminated by metals such as lead, PCBs, and pesticides. Removal of the debris exposed the native serpentine bedrock, allowing re-establishment of native plants and restoration of coastal habitat. See also #5.
- 35 Building 1349**
This one-acre site was once used by the Army to house a fuel tank. Several hundred yards of contaminated soil were removed, and the site is being restored as historic forest.
- 36 Commissary / PX**
The Army formerly operated a motor pool near the present day site of the Sports Basement and Public Storage. Soil contaminated by gasoline and diesel fuels was removed.
- 37 Public Health Services Hospital**
A former ravine adjacent to the headwaters of Lobos Creek as well as an open area north of the former hospital were filled with debris by the Army. The debris is being characterized and a remedial plan to address the areas is being prepared.
- 38 Nike Swale**
The Nike Swale area is one of 13 smaller sites currently scheduled to be remediated to remove metals and other contaminant.

Archaeology

- 39 Spanish Chapel**
Construction began on the first Spanish chapel in 1780 and took nearly eight years to complete. Two hundred and twenty years later, archaeologists and landscape architects have completed excavations of the chapel and have developed an interpretive landscape that allows visitors to explore the site.

Lend a hand...



- 1. Help enhance the Presidio's open spaces with your own two hands!**
For volunteer information call (415) 561-5333 or visit www.presidio.gov.
- 2. The Presidio Trust, Golden Gate National Parks Conservancy, and National Park Service are working to improve the Presidio's network of trails, bikeways and overlooks, and to restore Rob Hill Campground.**
Our thanks to the Evelyn and Walter Haas, Jr. Fund for a generous lead gift and challenge grant. To learn how you can support this work, please contact Kathryn Morelli at kmorelli@parksconservancy.org or (415) 561-3050.

If you have questions about any park project, call Presidio Trust Public Affairs at (415) 561-5418.