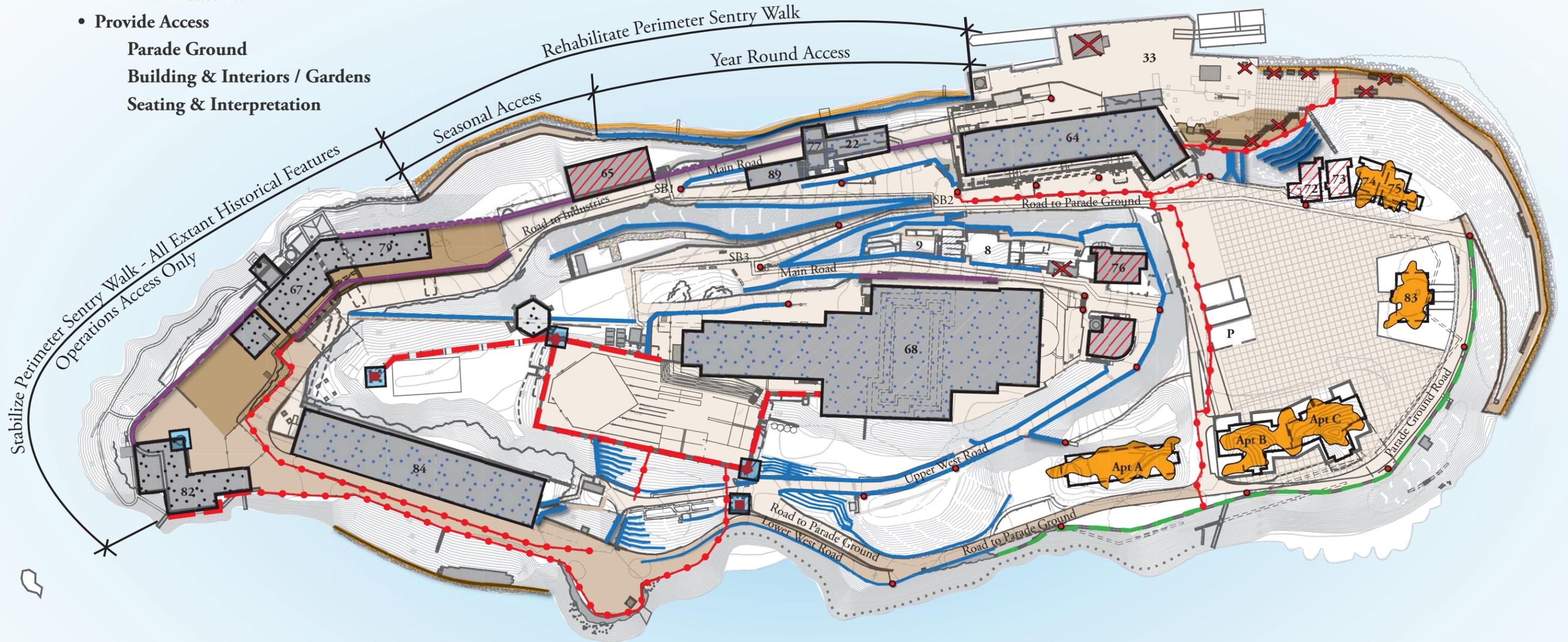


Alcatraz Island

Treatment Recommendations

Figure 6-30

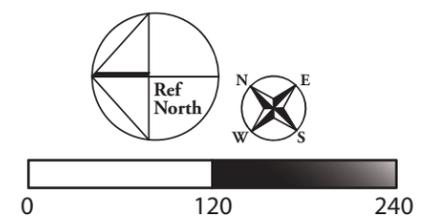
- Evoke Sense of Place
 - Main Street Character of Officers' Row
 - Residential Character of Parade Ground
 - Prisoner Enclosure
 - New Industries
- Provide Access
 - Parade Ground
 - Building & Interiors / Gardens
 - Seating & Interpretation



Legend

Year-Round Visitor Access	Stabilize Bldg/ Bldg Foundation Footprint - Allow Interior Visitor Access, Views, Seating, Interp.	Stabilize Fortification Walls	Remove Feature
Seasonal Visitor Access	Restore Guard Tower/ Guard Station	Repair / Stabilize Walls / Railings / Staircases	Repair Seawall Planter
NPS / Operations	Stabilize Guard Tower/ Catwalk Footings	Restore Federal Pen. Period Ped. Light	Foundation Rubble
Stabilize Bldg/ Bldg Foundation Footprint - No Access or Visitor Use	Restore Federal Pen. Period Fence	Repair Catwalk / Guard Shelters	
Maintain Bldg/ Bldg Foundation Footprint Year-Round Access		Stabilize Seawall	

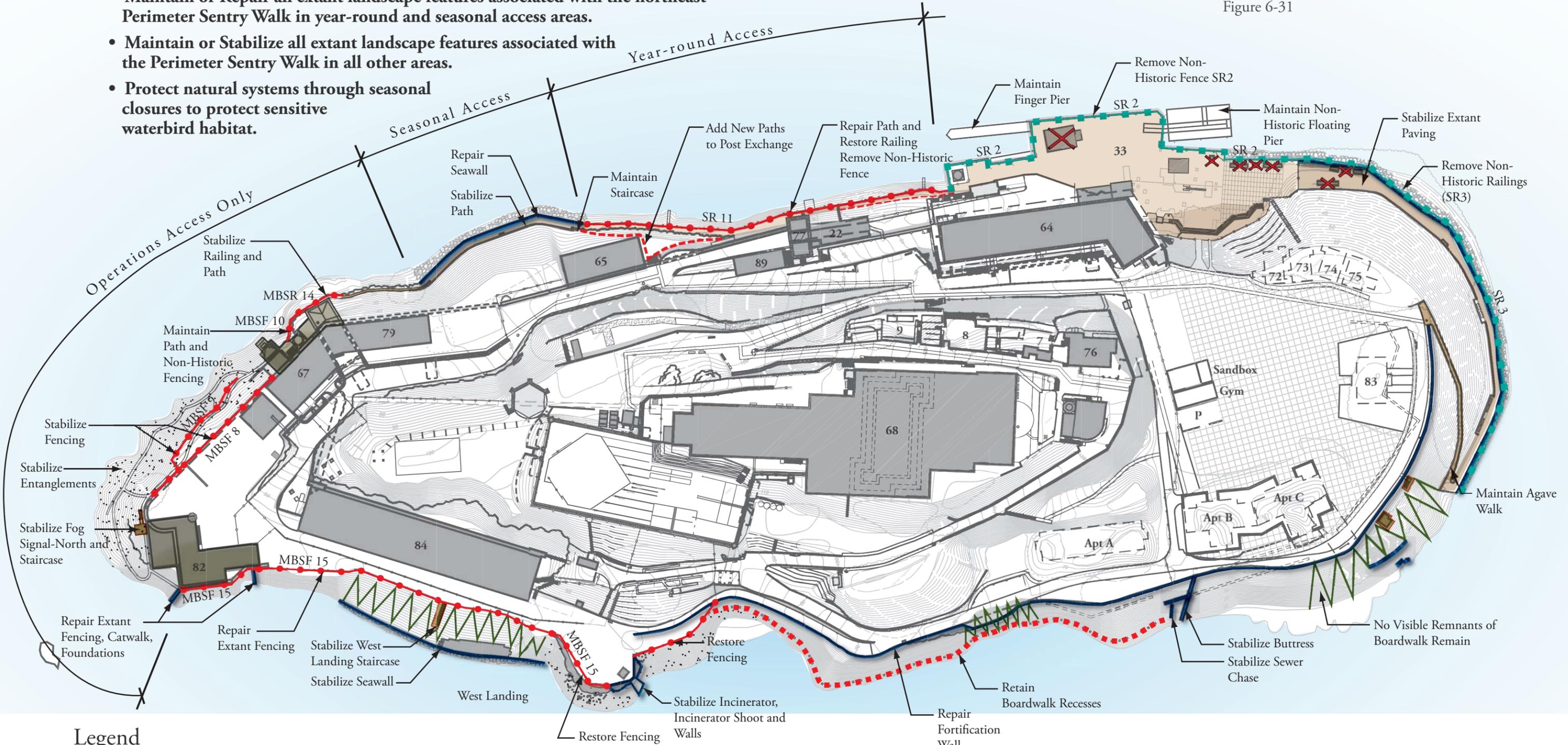
Note: See Alcatraz Island Vegetation Diagram (Figure 6-32) for Vegetation Recommendations



Perimeter Sentry Walk Treatment Recommendations

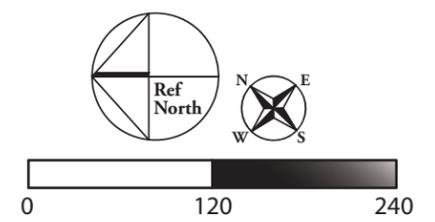
Figure 6-31

- **Maintain or Repair all extant landscape features associated with the northeast Perimeter Sentry Walk in year-round and seasonal access areas.**
- **Maintain or Stabilize all extant landscape features associated with the Perimeter Sentry Walk in all other areas.**
- **Protect natural systems through seasonal closures to protect sensitive waterbird habitat.**



Legend

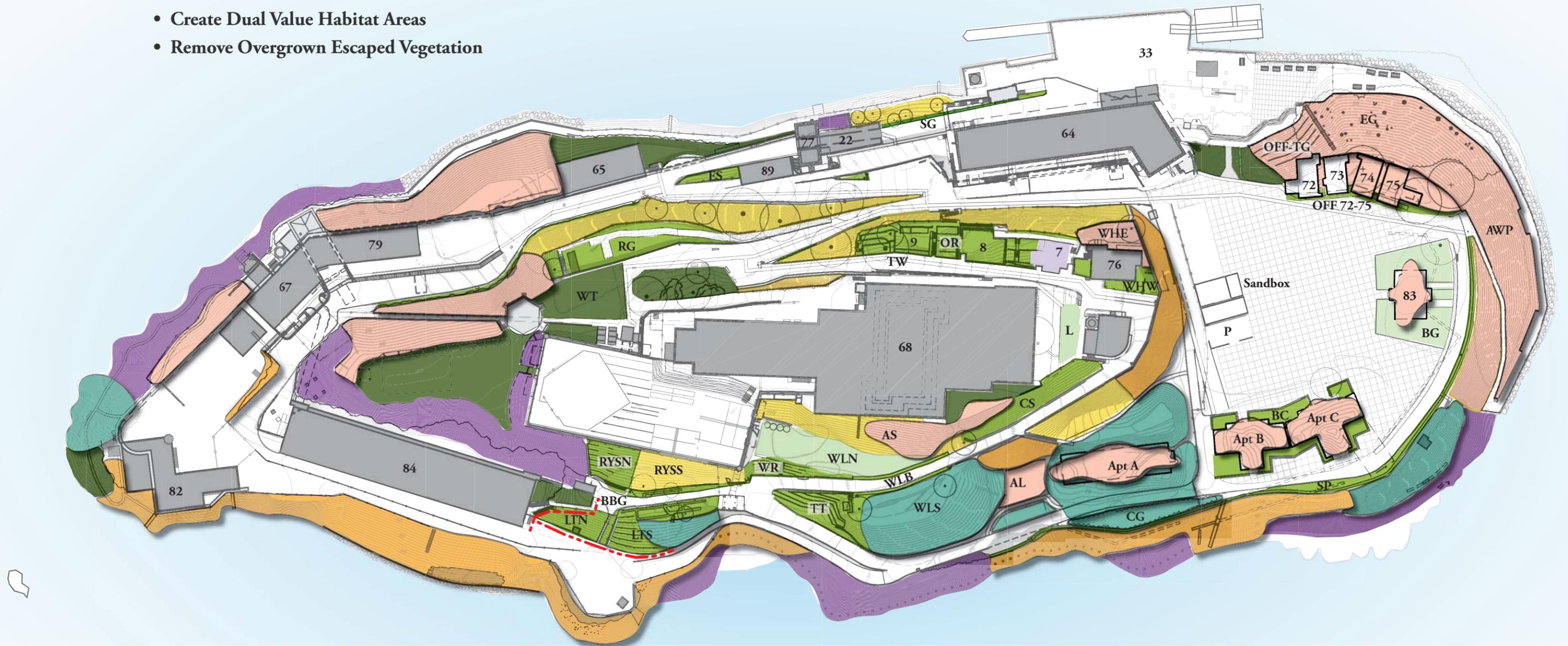
- | | | | |
|--|----------------------------|--|-------------------|
| | Extant Historic Fence | | Stabilize Slope |
| | Extant Non-Historic Fence | | Year-Round Access |
| | Stabilize Stairs | | Seasonal Access |
| | Stabilize Walls / Railings | | NPS/Operations |
| | Preserve Extant Catwalk | | Path |
| | Remove Feature | | |



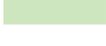
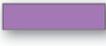
Alcatraz Island Vegetation Treatment Recommendations

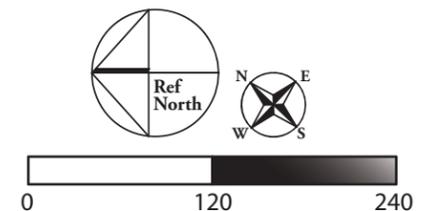
Figure 6-32

- Rehabilitate Historic Gardens and Lawns
- Rehabilitate Historic Hillside Plantings
- Repair, Maintain, and Stabilize Slopes
- Maintain Waterbird Habitat
- Create Dual Value Habitat Areas
- Remove Overgrown Escaped Vegetation



Legend

	Historic Gardens and Roadside Beds		Stabilize Slope		Historic Tree	AL	Apartment A Lawn	L	Lawn at Main Prison Plaza	TT	Toolshed Terraces
	Non-Historic Plantings		Dual Value Habitat		Non-historic Tree	AS	Army Slope	LTN	Laundry Terraces North	TW	Trough Wall
	Historic Lawn		Maintain Slope		Note: See Individual Character Area Treatment Graphics for Tree Recommendations	AWP	Agave Walk Plantings	LTS	Laundry Terraces South	WHE	Warden's House Garden East
	Historic Hillside Plantings		Seasonal Structured Screen			BB	Birdbath Garden	OR	Officers' Row Gardens (7,8,9)	WHW	Warden's House Garden West
	Waterbird Habitat		Officer's Quarters 7 Footprint			BC	Apartment B & C Gardens	RG	Rose Garden	WLB	West Lawn Borders
						BG	Building 83 Lawn	RYSN	Recreation Yard Slope North	WLS	West Lawn South
						CG	Cannon Garden	RYSS	Recreation Yard Slope South	WLN	West Lawn North
						CS	Cellhouse Slope	SG	Sallyport Garden	WR	West Road Terraces
						EG	Eucalyptus Grove	SP	Seawall Planter	WT	Water Tank Terrace
						ES	Electric Shop Bed		OFF 72-75 Officers' Quarters Gardens		
						GG	Greenhouse Garden		OFF-CG Terraced Cottage Garden		



Summit Treatment Recommendations

The Summit (Figures 6-49, 6-2, 6-12, 6-13) is the long level plateau, comprised of three stepped terraces, that occupies the highest point on Alcatraz Island. The boundaries of the Summit extend from the top of the escarpment slope on the south, to the Industries on the north, and to the Main Road on the east and west. The Summit includes the center of the Island, which has historically served as the setting for the Island's most prominent buildings.

Intent:

1. Maintain the historic form, topography, and arrangement of the Summit. Maintain, stabilize, or repair all extant contributing features associated with the Summit and its three terraces.
2. Repair the Warden's House building walls and foundations for visitor access. Repair the Warden's House garden. Repair east garden as dual value habitat to include both historic plant species and plantings for Black-crowned Night Heron habitat.
3. Repair the Escarpment Slope and all extant historic features associated with the slope including walls and railings.
4. Maintain natural systems by maintaining slopes and selected level areas for sensitive waterbird habitat; by maintaining specific areas for dual value habitat; and by continuing seasonal closures in select locations. Allow habitat enhancement in select areas, ensuring methods used also protect cultural resources.

Warden's House:

- Remove escaped vegetation including English, Algerian and Cape Ivy from the building interior.
- Repair the Warden's House building walls and foundation as needed to stabilize the building and to allow for visitor access. Allow visitor access into the first level via a new deck suspended on the foundation walls and set at the buildings' original first floor elevation.
- Repair all extant historic staircases and decorative railings, and walls associated with the Warden's House.
- Repair the Warden's House Retaining Wall and decorative concrete railing (SR35). Restore all extant historic paving.

Warden's House Garden and Greenhouse:

- Remove escaped vegetation including English, Algerian and Cape Ivy.
- Repair the garden as a dual value habitat area, allowing for new plantings for waterbird habitat and that will also reflect the garden's historic character. Restore extant historic vegetation, and plant non-historic species to provide structure and density for Black-crowned Night Heron habitat.
- Conduct further investigations to document the extent of extant historic features and their condition.

- Repair extant paving, edging and portions of the lawn in the garden on the east half. Repair the Warden’s House Wall and restore the concrete decorative railing (SR35) that surround the garden.
- Maintain the west portion of the extant historic lawn, and allow the lawn to go dry during the summer. Focus historic plantings in the west half of the garden.
- Allow the east half of the Garden to serve as Black-crowned Night Heron habitat. Plant species such as mid-level mounding shrubs to maintain structure and diversity. Allow for shrubs of a mid-level height that may include Gardenia Rose (a historic species), and yucca.
- Repair Warden’s House Greenhouse Garden on the building’s south side. Maintain all extant historic features associated with the Warden’s House Greenhouse Garden. Remove *Coprosma repens* (mirror plant).

Escarpment Slope:

- Repair the slope to stabilize the existing material; to ensure the long-term protection of the Summit’s cultural resources as well as the protection of the slope itself; and to restore the slope’s historic appearance.
- Use accepted engineering methods that include fill, tie-backs, soil nails, colloidal rock, polyurethane resin, rookery facing, rock bolts with shotcrete, and sculpted concrete. These offer a broad choice of methods for use in the underlying structure that is not visible.
- On the exterior of the slope, use only materials that provide a compatible, authentic appearance. Use of natural materials is preferred on the exterior (visible) face of the escarpment slope as it will achieve an authentic appearance.
- Repair concrete wall and restore the decorative concrete railing along the top of the escarpment slope. Ensure that restoration includes measures to address life safety and building code for the wall and railing.

Main Prison:

- Repair terrace between the Main Prison and the Morgue (current route to the Main Prison’s entrance from the Main Road). Repair the Wall South of Morgue, the paving on the terrace, railings (SR50 and SR51) and the Guard Station for Kitchen Basement Sallyport. Allow for this area to be used as a site for a new restroom building in compliance with the new GMP. Maintain non-historic railing (SR45) along top of wall.
- Maintain the Morgue and Tanks, and repair walk between the Morgue and the Water Tank.
- Maintain staircases and railings that access the walkway along the east side of the Main Prison.
- Maintain paving, Staircase to Warden’s Office and associated railings, flagpole and Repair railing SR40 and maintain non-historic railing SR39 along the top of Cellhouse Slope, on the west side of the Main Prison Plaza and east of the Main Prison.

Summit South Terrace:

- Maintain building walls and foundation of the Lighthouse. Allow visitor access into one level. Remove corrugated metal structure and roof, and storage for port-a-potties in the

building interior. Repair extant historic staircase and railing and add a deck with railings as needed, suspended on the foundation walls, covering the extant open rooms to allow for visitor access.

- Restore metal post and railings at Main Prison Plaza (replacing those currently in place).
- Repair select sections of paving on Main Prison Plaza; and repair paving around Lighthouse.
- Remove non-contributing light pole (pedestrian light) at Main Prison Plaza.

Stockade/Recreation Yard:

- Restore two Guard Stations on the Stockade/Recreation Yard Wall; one at northeast corner and the other at the southwest corner. Allow for the non-extant Guard Station at the northwest corner to be restored.
- Repair the walls and Catwalk on top of the walls of the Stockade/Recreation Yard. Repair extant section of railings SR53 and Security Fence SR52; and restore missing sections of each to reflect the historic appearance of the Federal Penitentiary period.
- Repair the surface and all extant historic features associated with the Dirt Ball Field.
- Maintain all paving including the paving in the main portion of the yard and at the building entrance. Restore Pavement Markings to reflect the historic appearance.

Summit North Terrace:

- Maintain the form, spatial organization and topography of the north terrace.
- Maintain Bombproof I and its associated topography.
- Restore the Catwalk between the Main Prison and Hill Tower. Allow for a partial restoration of the catwalk that depicts its original scale, components and role.
- Restore Hill Tower including the extant footings and foundations. Allow for a full restoration of the foundation and tower, or for a partial restoration that that depicts its original scale, components and role.
- Maintain the Cistern.
- Allow seasonal closures, and maintain topography and vegetation as habitat for Western Gulls while also protecting extant historic features.

Water Tower:

- Repair Water Tower and railing, and all associated extant features.
- Repair concrete paving of sidewalk and concrete staircase and metal railing at base of Water Tower.

Vegetation:

- Maintain vegetation for waterbird habitat as noted on Figure 6-49 including habitat on the North Terrace for Western Gulls.
- Maintain non-contributing plantings on east side of the Main Prison. Develop a treatment plan for any future plantings.
- Maintain the contributing lawn on the South Terrace at the Main Prison plaza.

- Create dual value habitat areas as noted on Figure 6-49, including those at Warden’s House Garden East and on the slope between the Cistern and the Utility Chase and Walk.
- Remove dragon (*Dracaena draco*) tree #26 in poor condition in Warden’s House Garden East.



Figure 6 - 33. Repair Warden’s House retaining wall and decorative concrete railing: left. Repair Escarpment Slope. (c1920s) (source: GOGA-2316); right, (2009) (MBD P1020879.jpg)



Figure 6 - 34. Repair Warden’s House building walls and foundations and add interior first floor deck to allow for visitor access. Remove non-contributing light pole, hand railing, and railing. Replace hand railing with railing that is compatible with historic character. (2010) (MBD P1030902.jpg)



Figure 6 - 35. Repair the Warden's House building walls and foundations. Repair Retaining Wall and decorative concrete railings. (c 2010) (source: MBD); (P1030788.JPG, P1030892.JPG, P1030896.JPG, P1030884.JPG)



Figure 6 - 36. Repair east portion of Warden's House Garden and rehabilitate west portion for waterbird habitat. Remove restroom and restore Officers' Quarters 7 footprint; top, (c 1950) (wardens hse aerial (AAA).jpg); bottom, (2000s) (Summit-South Terrace_2000s)



Figure 6 - 37. Repair Stockade/Recreation Yard Wall. Repair extant Sentry Walk railings, fencing, and restore missing sections. Restore dirt ballfield: top, (c Federal Penitentiary Period) (source: GOGA) (GOGA 19200-340 Recreation Yard.tif); bottom c 2009 (MBD P1000645.JPG)



Figure 6 - 38. Repair Sentry Walk railings, walkway and fencing and restore missing sections on Stockade/Recreation Yard. Paint tank and repair Path. top, (c Federal Penitentiary Period) (Source GOGA); bottom, (2009) (MBD DSC_0096.jpg)



Figure 6 - 39. Repair extant features and restore missing features of Sentry Walk on Stockade/Recreation Yard Wall; restore northeast and southwest Guard Stations. (c 2009) (source: MBD); (P1040063.JPG, P1040086.JPG, P1040203.JPG)



Figure 6 - 40. Repair Federal Penitentiary fences, extant features and restore missing features of Sentry Walk on Stockade/Recreation Yard Wall. Repair Water Tower. (c 2010) (source: MBD); (P1040115.JPG, Rec Yard Panorama1.JPG, P1040101.JPG)



Figure 6 - 41. Restore Catwalk from Stockade/Recreation Yard to Main Prison; left, (c 1974) (Courtesy of J. Martini); right, (2009) (MBD P1000663.jpg)



Figure 6 - 42. Maintain building walls of Lighthouse and add a deck to allow for visitor access; Remove corrugated metal roof. (2010) (MBD P1030925.jpg)

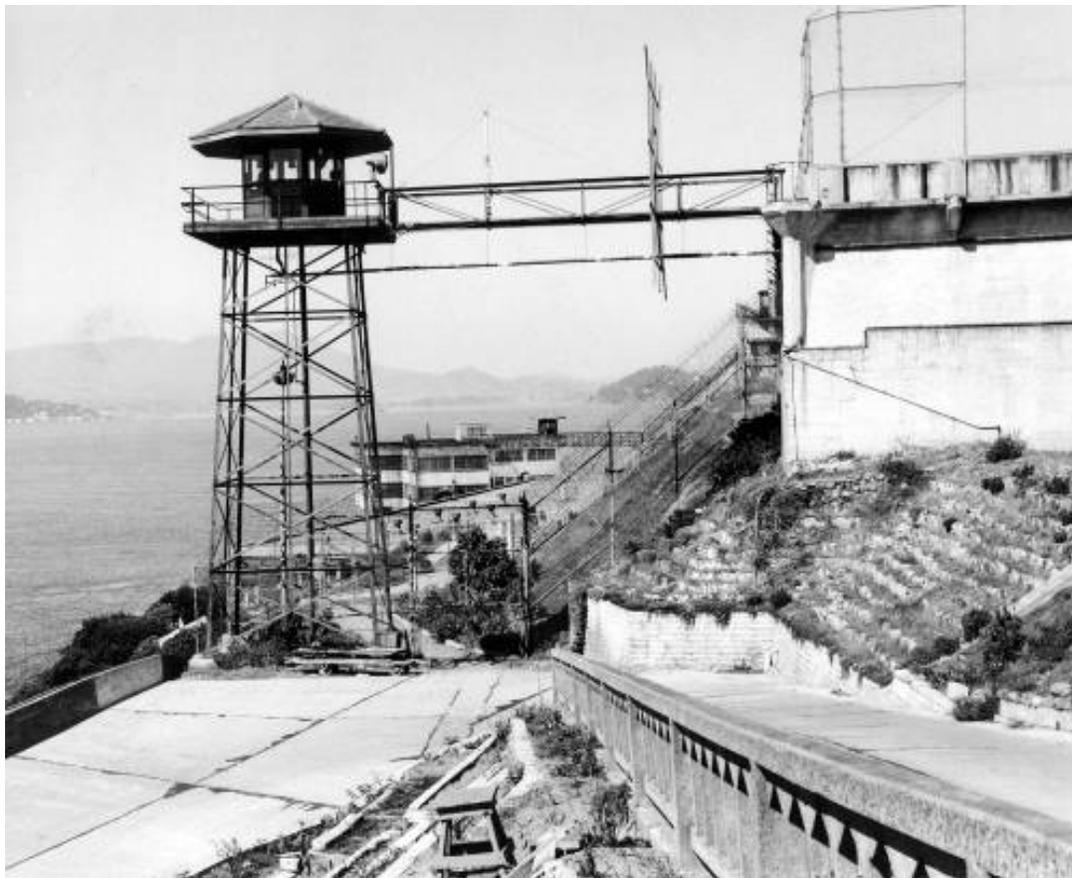


Figure 6 - 43. Restore Road Tower and catwalk to Stockade/Recreation Yard Wall; top, (c 1950) (source: GOGA-1567); bottom, (2009) (MBD DSC_0192.JPG)



Figure 6 - 44. Repair Wall between Morgue and Main Prison (immediate need). (c 2010) (source: MBD); (P1040138.JPG)



Figure 6 - 45. Repair Terrace north of Main Prison and restore railings SR50, SR51 and security fencing. (c 2010) (source: MBD); (P1040193.JPG)



Figure 6 - 46. Repair Water Tower and restore graffiti from Indian Occupation Period (c 2010) (source: MBD); (P1040205.JPG)



Figure 6 - 47. Maintain Main Prison Plaza paving and lawn (c 2010) (source: MBD); (P1030917.JPG)

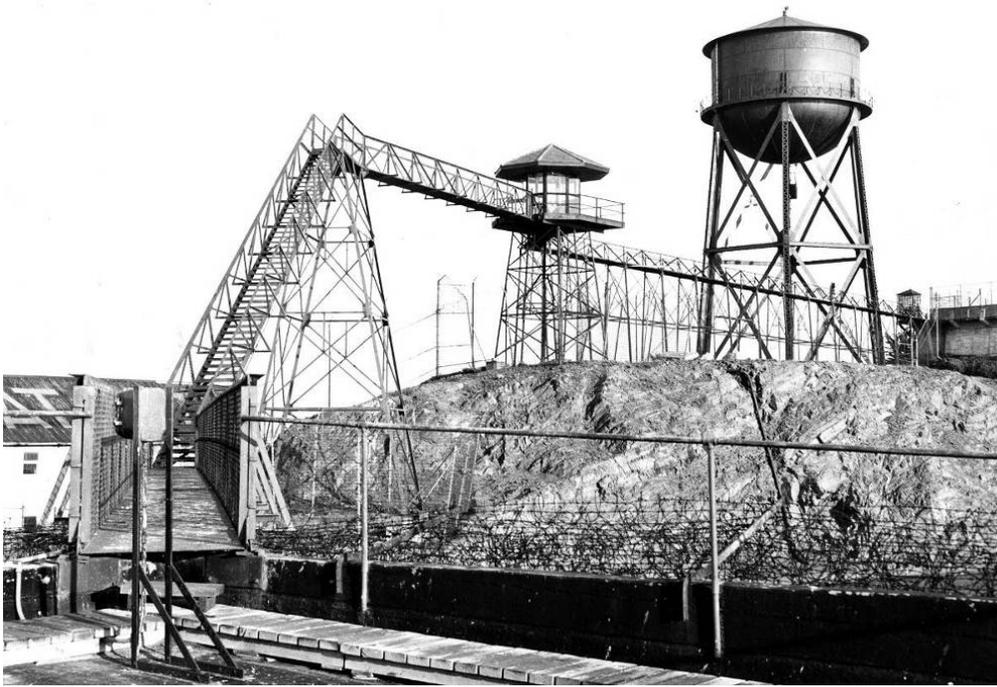


Figure 6 - 48. Restore Hill Tower and Catwalk on North Terrace; top, (c 1940) (GOGA-1567); bottom, (2009) (MBD P1020960.JPG)

