

Trees-Administrative Core  
(continued):

<b>Latin Name</b>	<b>Common Name</b>	<b>Quantity/dbh</b>	<b>Condition</b>	<b>Location</b>
Cupressus macrocarpa	Monterey Cypress	108"	G	Entry mall at W. Capt Dodge
Cupressus macrocarpa	Monterey Cypress	(3) 60", 48", 53"	G	Entry mall
Cupressus macrocarpa	Monterey Cypress	54"	G	Bldg 137
Cupressus macrocarpa	Monterey Cypress	60"	G	S Bldg 60
Cupressus macrocarpa	Monterey Cypress	(7) 78",54",72",48",54",24"36"	G	Basketball/Picnic area E of N gate
Cupressus i. Stricta	Italian Cypress			N Bldg 60
Dodoneae v. atropurpurea	Hopbush		G	N Bldg 585
Eucalyptus polyanthemos	Silver Dollar Gum	(4) 14" - 24"	G	In lawn N of Bldg 60 parking
Eucalyptus polyanthemos	Silver Dollar Gum	(2) 8" & 10"	G	N Bldg 60
Eucalyptus sideroxylon	Ironbark	16"	G	N Bldg 585
Eucalyptus sideroxylon	Ironbark	14"	G	E Bldg 7
Ficus rubiginosa	Rustyleaf Fig	(2) 72"	G	N Bldg 17, main entry
Fraxinus oxycarpa	Ash		F	W. Midway, S Bldg 7
Geijera parviflora	Australian Willow			
Griselinia lucida		7", 8"	G	N Bldg 94
Jacaranda			G	E Bldg 585
Juniperus x. torulosa	Hollywood Juniper - Multi	6",10",10",15", 9"	G	N Bldg 60
Lagerstroemia indica	Crape Myrtle			
Leptospermum laevigatum	Tea Tree	(3) multi-trunk	G	Bldg 2-4, between wings 7 & 8
Leptospermum laevigatum	Tea Tree	(2) 24", 35"	G	Bldg 177
Leptospermum laevigatum	Tea Tree	(8) 12" - 40"	G	around round structure W of Bldg 176
Leptospermum laevigatum	Tea Tree	18", 21" multi	G	Lexington and W. Redline (mirrors one at Redline and Saratoga)
Leptospermum laevigatum	Tea Tree	24"	G	Redline and Saratoga (mirrors one at Lexington and W. Redline)
Leptospermum laevigatum	Tea Tree	(4) 30" - 48"	F	S Bldg 60
Ligustrum japonicum	Waxleaf Privet			
Ligustrum lucidum	Glossy Privet - multi-trunk	4",7",10",10"	G	N Bldg 1
Ligustrum lucidum	Glossy Privet	25"	G	N Bldg 17, E wing
Liquidambar syraciflua	Sweetgum	8"	G	Todd & W. Midway
Magnolia grandiflora	Magnolia			
Maytenus boaria	Mayten Tree	multi	F	W Bldg 3
Maytenus boaria	Mayten Tree	6"	G	NW corner Bldg 2-4 Quad
Maytenus boaria	Mayten Tree	(2) 12"	G	S bldg 60
Morus alba	Mulberry	(21) 8" - 16"	G	N Bldg 17
Morus alba	Mulberry	(14)	G	N of Bldg 17
Myoporum laetum	Myoporum	(2) multi	G	W Bldg 3
Myrtus communis	Myrtle	20' height, multi	F	N Bldg 94
Myrtus communis	Myrtle	multi	G	S bldg 60

## Landscaping Species Exhibit

### AREA 1

Administrative Core, Shops  
Area, and Residential / MWR  
Area



Trees-Administrative Core  
(continued):

<b>Latin Name</b>	<b>Common Name</b>	<b>Quantity/dbh</b>	<b>Condition</b>	<b>Location</b>
Phoenix canariensis	Date Palm		F	Bldg 176
Phoenix canariensis	Date Palm	(2) 20", 28"	G	Basketball/Picnic area E of N gate
Photinia serrulata	Chinese Photinia		F-P	E Bldg 17
Pinus pinea	Italian Stone Pine	21"	G	NE Bldg 17
Pinus pinea	Italian Stone Pine	42"	G	S Bldg 60
Pinus radiata	Monterey Pine	13" - 41"	F - G	Parallel to Pan Am N of W. Essex
Pinus radiata	Monterey Pine	(4) 20" -36"	F	E of Bldg 60
Pinus radiata	Monterey Pine	60"	F	E Bldg 16
Pinus radiata	Monterey Pine	(7) 32" - 48"	F-P	1 group of 3 & 1 group of 4 in Bldg 2-4 Quad; some with blight
Pinus radiata	Monterey Pine		F	Bldg 2 E of wing 1
Pinus radiata	Monterey Pine	36"	G	Entry mall
Pinus radiata	Monterey Pine	42"	F	Entry mall, Capt Dodge, E corner
Pinus radiata	Monterey Pine	53"	G	E side middle panel entry mall
Pinus radiata	Monterey Pine	(6) 48", 8", 8",36", 36", 36"	G	E of N entry gate
Pinus radiata	Monterey Pine	(6) 42",42",32",24", 36", 30"	F-G	Basketball/Picnic area E of N gate
Pittosporum crassifolium	NCN		G	SE Bldg 2
Pittosporum tenuifolium	NCN		G	E Bldg 60
Pittosporum undulatum	Victorian Box		F	(2) S Bldg 94
Platanus acerifolia	Sycamore	13"	G	Pan Am & W. Essex
Platanus acerifolia	Sycamore	9", 12"	G	S Bldg 585
Platanus acerifolia	Sycamore	(3) 12"-18"	G	W. Essex nr bldg 16
Populus n. italica	Poplar	(12) 9"-13"	G	Lexington at Bldg 2-4
Populus n. italica	Poplar	(15) small	G	N Bldg 75
Populus n. italica	Poplar	(3) 18"-30"	F	NS row NS, W of bldg 75
Populus n. italica	Poplar	(23) 3" - 6"	G	At N entry triangular lawn panel, 11 on E; 12 on W
Populus n. italica	Poplar #1580-1583	(4) 24" - 72"	G	E of N entry gate
Populus n. italica	Poplar #1591,1592	24"	G	E of N entry gate
Populus n. italica	Poplar	(11) 8" - 12"	G	E of N entry gate, parallel to W. Redline inside CL fence
Populus n. italica	Poplar	(3) 24" - 42"	G	Basketball/Picnic area E of N gate
Populus sp.	Poplar	(4) 24" -42"	F	E of N entry gate, along W. Redline, both sides
Prunus sp.	Plum			
Prunus. C. atropurpurea	Purple Leaf Plum	(4) 8"	F	Bldg 562
Pyrus calleryana	Evergreen Pear			
Quercus sp	Oak species	small	G	New, small Oaks at Bldg
Salix sp.	Willow			
Schinus terebinthefolia	Brazilian Pepper	(3) 15", 36", 36"	G	Entry mall
Sequoia sempervirens	Coast Redwood	small	G	S bldg 60 entry

## Landscaping Species Exhibit

### AREA 1

Administrative Core, Shops  
Area, and Residential / MWR  
Area



Trees-Administrative Core  
(continued):

<b>Latin Name</b>	<b>Common Name</b>	<b>Quantity/dbh</b>	<b>Condition</b>	<b>Location</b>
Syzygium paniculatum	Brush Cherry	24"	G	Bldg 17 main entry
Syzygium paniculatum	Brush Cherry	13"	F	E of the West wing of Bldg 17
Thuja sp	NCN		G	W Bldg 94
Tristania laurina	NCN		G	Bldg 1
Umbellularia californica	Bay	multi	G	S bldg 60 at entry
Ulmus parvifolia	Evergreen Elm	14"	G	Parking Is in parking lot on Tod nr Bldg 94
Ulmus parvifolia	Evergreen Elm	13"	G	W Bldg 17; 4 trees in square pattern
Ulmus parvifolia	Evergreen Elm	13", 13"	G	E of Bldg 17, E wing
Ulmus parvifolia	Evergreen Elm	(24) 12" - 16"	G	Each side of quad Bldg 2-4
Ulmus parvifolia	Evergreen Elm	(8) 5-8"	G	W end of Bldg 2-4 Quad
Ulmus parvifolia	Evergreen Elm		G	Bldg 2 E of wing 1
Ulmus parvifolia	Evergreen Elm	18"	G	Bldg 2, W of wing 10
Ulmus parvifolia	Evergreen Elm	(7).	F	Lexington at entry mall
Ulmus parvifolia	Evergreen Elm	(6)	F	Saratoga at entry mall
Ulmus sp.	Elm	19" - 27"	F-G	Bldg 2 at wings 4,5,7,8,9,10
Ulmus sp.	Elm	14"	G	N Bldg 137
Ulmus sp.	Elm	(3) 30"-35"	G	Basketball/Picnic area E of N gate
Ulmus hybrid	Elm variety; deciduous	(3) 6"	G	NW & SW Bldg 2-4 Quad

Trees-Shops Area

<b>Latin Name</b>	<b>Common Name</b>	<b>Quantity/dbh</b>	<b>Condition</b>	<b>Location</b>
Abies sp	Fir	10"	P	NE Bldg 6
Acacia melanoxylon	Black Acacia	(4) 24" - 27"	G	W Bldg 8
Acacia melanoxylon	Black Acacia	20" multi	G	SW Bldg 32
Acacia longifolia	Sydney Acacia	shrub form	G	E of bldg 546
Avocado	Avocado	(2) small	G	S Bldg 10
Acer palmatum	Japanese Maple	(2) small	G	W of Bldg 35
Catalpa speciosa	Western Catalpa	(2) 16", 14"	G	Bldg 73A
Catalpa speciosa	Western Catalpa	(3) 18" - 21"	G	NE Bldg 6 (2 trees + a stump)
Catalpa speciosa	Western Catalpa	(3)12" - 27"	G	NW Bldg 6
Cedrus deodara	Deodar Cedar	24"	G	SW Bldg 114
Cedrus deodara	Deodar Cedar	(2) small	G	W Bldg 607
Cercis occidentalis	Redbud	Small	G	E Bldg 73B
Chamaecyparis obtusa	Hinoki Cypress	4"	G	N Bldg 114
Ficus m. nitida	Ficus	10"	F	W Bldg 35, sheared
Fruit Trees	Various varieties	7	G	E Bldg 607
Laurus nobilis	Sweet Bay	3-4" multi	G	N Bldg 62

## Landscaping Species Exhibit

# AREA 1

Administrative Core, Shops  
Area, and Residential / MWR  
Area



Trees- Shops Area  
(Continued):

Leptospermum laevigatum	Tea Tree	multi 9", 11", 20"	G	W Bldg 8 at entry
Ligustrum lucidum	Glossy Privet	(9) 9" - 14"	G	NW Bldg 114
Pinus pinea	Italian Stone Pine	multi 11", 12", 16"	G	W Bldg 35, sheared
Pinus radiata	Monterey Pine	60"	G	NW Bldg 114
Pinus radiata	Monterey Pine	36"	G	E Bldg 546
Pittosporum eugeniodes	NCN	(2) 10", 11"	G	N Bldg 62
Platanus acerifolia	Sycamore	(4) 8 - 12" + 4 small	G	Bldg 607 and Bldg 73B
Platanus racemosa	Sycamore	(3) 9" - 12"	G	SW & E of Bldg 607
Sequoia sempervirens	Coast Redwood	(3) 10" - 12"	G	N Bldg 62, young trees
Syzygium paniculatum	Brush Cherry	(2) 9", 20"	G	N & S Bldg 114
Ulmus hybrid	Elm variety; deciduous	Multi 16", 22"	G	NW Bldg 5
Unknown species		26"	G	NW Bldg 8
Unknown species		7"	G	W Bldg 607

Trees – Residential / MWR  
Area

<b>Latin Name</b>	<b>Common Name</b>	<b>Quantity</b>	<b>Condition</b>	<b>Location</b>
Acacia d. dealbata	Green Wattle	1	G	N of Seattle
Acacia melanoxylon	Black Acacia	27	F-G	Norfolk, N of Barbers Point, W of 613, N of Corpus Christi, N of 178, E of Moonlight, S of 152, E of 78, N of Pearl Harbor, N of Seattle, N of Newport
Acer saccharum	Sugar Maple	4	G	E of Orion, N of San Pedro
Agonis flexuosa	Peppermint Tree	3	G	W of Orion, N of W. Tower, N of Pearl Harbor
Avacado	Avocado	1	G	N of Seattle
Betula verrucosa	White Birch	4	G	W of Orion
Callistemon citrinus	Lemon Bottlebrush	7	G	N of 531, E of Rainbow, S of W. Essex, N and S of Barbers Point
Cedrus a. Glauca	Atlas Cedar	13	G	S of Corpus Christi, S of San Pedro, S of Pearl Harbor, N of Barbers Point, N of W. Essex, N of Seaplane, N of Newport
Ceratonia siliqua	Carob	8	F-G	W of Pan Am Way, N of Newport
Cinnemomum camphora	Camphor	4	G	E of 531, Pearl Harbor
Crataegus phaenopyrum	Washington Thorn	47	P-G	(33) on Corpus Christi, S of Pensacola, W of Barbers Point
Cordyline australis	Dracaena	4	G	S of Pensacola, W of Barbers Point
Cupressus Hinoki	Hinoki Cypress	1	G	N of Newport
Cupressus sp (glauca)	Cypress	1	G	W of Pan Am Way
Cupressus macrocarpa	Monterey Cypress	36	G	N and S of Corpus Christi, N and S of Pensacola, E of Rainbow, S of Pearl Harbor, N and S of Barbers Point,
Eriobotrya japonica	Loquat	1	G	W of Orion
Eucalyptus ficifolia	Red Flowering Gum	7	G	N of West Midway, E of Rainbow, S of Sunrise, Stardust at Serenade
Eucalyptus globulus	Blue Gum	2	G	E of Orion, N of Pensacola
Eucalyptus polyanthemos	Silver Dollar Gum	21	G	E of 531, on Lemoore, S of Stardust, E and W of Orion, N of Pearl Harbor
Eucalyptus sp	Unknown Eucalyptus	1	G	N of Barbers Point Rd

## Landscaping Species Exhibit

### AREA 1

Administrative Core, Shops  
Area, and Residential / MWR  
Area



Trees- Residential Area  
(continued):

<b>Latin Name</b>	<b>Common Name</b>	<b>Quantity</b>	<b>Condition</b>	<b>Location</b>
Fraxinus oxycarpa	Ash	5	G	N of Barbers Point Rd
Fruit Trees	Various varieties	8	G	E of Pan Am Way, N of Corpus Christi
Griselinia lucida	NCN	3	G	S of Stardust, N of West Essex, N of Newport
Juniperus x. torulosa	Hollywood Juniper	6	G	N of 522, N of West Essex, N of Newport
Laurus nobilis	Sweet Bay	2	G	S of 550, N of 390
Leptospermum laevigatum	Tea Tree	23	F-G	E and W of 178, S of Pearl Harbor, N of Newport
Ligustrum lucidum	Glossy Privet	5	G	E of Orion, S of 550, N of West Tower
Liquidambar syraciflua	Sweetgum	11	G	(8) W of West Midway 531 -532, N of San Pedro, N of West Essex
Magnolia grandiflora	Magnolia	5	G	Lemoore, N of West Essex, N or Newport
Malus sp	Crabapple Tree	11	G	N of Barbers Point, N of Seattle, N of Newport
Morus alba	Mulberry	70	G	N and S of Barbers Point, S of Pearl Harbor, N of Pensacola, N of 390, N of West Essex, N of Seattle, W of Orion, Stardust
Myoporum laetum	Myoporum	36	G	N of West Tower, E of Serenade, N of West Essex, Barbers Point
Olea europaea	Olive	3	G	N of Barbers Point, N of Pensacola, S of 550
Phoenix canariensis	Date Palm	2	G	N of San Diego, N of Seattle
Pinus canariensis	Canary Pine	2	G	N of Barbers Point Rd
Pinus halapensis	Aleppo Pine	1	G	Barbers Point Rd
Pinus pinea	Italian Stone Pine	52	G	S of Stardust, West Essex, N and S of West Midway, E and W of Orion, N of Pearl Harbor, S of Pensacola, N of Corpus Cristie, N of West Tower
Pinus radiata	Monterey Pine	47	F-G (2 dead)	N, S and W of West Midway, N of 531 and 178, W of Orion, West Midway at 532, N of West Tower, N and S of West Essex, S of Startdust, S and N of Barbers Point, N of Pensacola, N of Seattle
Pittosporum crassifolium	NCN	4	P	S of Stardust, N of Pearl Harbor
Pittosporum eugeniodes	NCN	23	G	N and S of Corpus Christi, Lemoore, N of West Tower, S of West Essex
Pittosporum tenuifolium	NCN	1	G	S of Corpus Christi
Pittosporum tobira	Tobira	3	G	N of Seattle, N of Newport
Pittosporum undulatum	Victorian Box	42	F-G	N and S of Pearl Harbor, N and S of West Essex, N of San Diego, N and S of Barbers Point, N of Orion, N of 390,
PL ?	?	10	G	N of Newport, S of Seattle
Platanus acerifolia	Sycamore	58	G	S of San Pedro, Norfolk east of 152, W of 522, W of 613, N of Barbers Point, S of West Midway, E of Rainbow, E and W of Orion, E of Pan Am Way, N and S of West Essex, N of West Tower, N and S of Pearl Harbor
Podocarpus gracilior	Fern Pine	1	G	S of Sunrise
Populus n. italica	Poplar	12	G	W of Orion, N and S of Pearl Harbor, N of Barbers Point, N of Pensacola, N of Newport
Populus sp.	Poplar	1	G	S of West Midway
Prunus carolineana	Carolina Laurel Cherry	1	G	S of Corpus Christi
Prunus sp.	Plum	2	G	N of 390
Prunus. C. atropurpurea	Purple Leaf Plum	7	F-G	N of 531, W of Orion, N of Seattle
Pyracantha coccinea	Firethorn	1	G	N of West Tower
Pyrus calleryana	Evergreen Pear	2	G	E of 613
Quercus agrifolia	Live Oak	1	G	N of 531
Robinia pseudoacacia	Locust	18	G	(12) N of San Diego, N of Seattle

## Landscaping Species Exhibit

# AREA 1

Administrative Core, Shops  
Area, and Residential / MWR  
Area



Salix babylonica	Weeping Willow	3
Salix sp.	Willow	1
Schinus molle	California Pepper	2
Sequoia sempervirens	Coast Redwood	5
Syzygium paniculatum	Brush Cherry	13
Taxus baccata	Yew	7
Ulmus parvifolia	Evergreen Elm	11
Unknown species		13
Washingtonia robusta	Fan Palm	2
<b>TOTAL:</b>		<b>719</b>

G	S of Barbers Point
G	S of Corpus Christi
G	E of Orion
G	N of West Essex, Norfolk north of Barbers Point, N of West Tower, N of Barbers Point
G	N of 152, S of Corpus Christi, S of Stardust, N and S of West Essex, N of Pearl Harbor, N of Barbers Point
G	N of 390, S of San Pedro, N and S of Pearl Harbor, N of Seattle, N of Newport
G	N of 531, N of Corpus Christi, S of Pensacola, Lemoore, N of San Pedro, S of Barbers Point
G	N of 390, Barbers Point at Pearl Harbor, N of West Essex, N or Newport, N of Seattle
G	E of Orion at Pearl Harbor

## Landscaping Species Exhibit

### AREA 1

Administrative Core, Shops  
Area, and Residential / MWR  
Area



# VEGETATION

## AREA 2

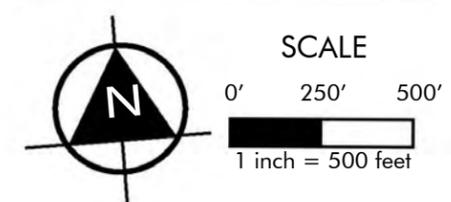
Seaplane Lagoon, Hangars, and Southeast Area

### LEGEND

- Lawn or planting area
- Tree (for species see Exhibit)
- Character-Defining Tree



KEY MAP





Trees

<b>Latin Name</b>	<b>Common Name</b>	<b>Quantity</b>	<b>Condition</b>	<b>Location</b>
Acacia baileyana	Bailey Acacia	1	G	East entry
Acacia longifolia	Sydney Acacia	1	G	Bldg 29
Acacia melanoxylon	Black Acacia	1	G	Bldg 29
Acacia melanoxylon	Black Acacia	18	G	S of Bldg 397; E of Bldg 360; S of 584; E of Bldg 608; Park in SE corner of base; east entry
Acer palmatum	Japanese Maple	9	F	Ferry Point at the Hornet
Alnus rhombifolia	Alder	8	G	Park in SE corner of base
Arbutus unedo	Strawberry Tree	25 in pots	G	W. Atlantic N of oval lawn
Arecastrum romanzoffianum	Queen palm	1	G	Bldg 19
Cercis occidentalis	Redbud	8	G	Park in SE corner of base
Cinnemomum camphora	Camphor	7	G	W. Atlantic at parking lot E of Bldg 162
Citrus species	Citrus	1	G	In corporation yard at Bldg 414
Cordyline australis	Dracaena	1	G	Bldg 98
Cupressus i. Stricta	Italian Cypress	25	G	Bldg 167; SE corner bldg 170; south side of W. Atlantic near the east entry
Cupressus macrocarpa	Monterey Cypress	1	G	Bldg 19
Cupressus macrocarpa	Monterey Cypress	24	G	Oval lawn at east entry (8'6" dbh) Oriskany entry; near 342A; S side of W. Atlantic near the east entry; park at SE corner of base
Cupressus s. Italica	Italian Cypress	6	G	Bldg 77
Eucalyptus ficifolia	Red Flowering Gum	2	G	East entry
Eucalyptus sideroxylon	Ironbark	7	G	S of Bldg 397; E of Bldg 360; S of 584; E of Bldg 608; Park in SE corner of base
Eucalyptus viminalis	Manna Gum	1	G	N of Bldg 608
Ficus sp	Fig	1	G	W of Credit Union
Ligustrum lucidum	Glossy Privet	1	F	Park in SE corner of base
Myoporum laetum	NCN	5	G	Bldg 29
Myoporum laetum	Myoporum	3	G	Park in SE corner of base
Myrica californica	Myrtle	2	G	East entry
Olea europaea	Olive	2	G	N of bldg 530
Olea europaea	Olive	2	G	Bldg 19
Palm species	Palm	2	G	Entry to self storage N of bldg 608B
Photinia fraseri	NCN	2	G	East of Bldg 517
Phoenix canariensis	Date Palm	1	G	Park in SE corner of base
Pinus canariensis	Canary Pine	3	G	W. Pacific entry
Pinus halapensis	Aleppo Pine	23	G	N of 342B; park in SE corner of base
Pinus pinea	Italian Stone Pine	14	G	Near 342A; park in SE corner of base
Pinus radiata	Monterey Pine	32	F	E of bldg 342; Oriskany entry; W. Pacific entry; N of bldg 542; E of tennis courts S of bldg 542; Parking lot in SE corner of base
Pinus thunbergiana	Black Pine	2	G	Bldg 167
Populus n. italica	Poplar	34	G	W of 342A; W of 342B; Park in SE corner of base; N of bldg 162
Prunus. C. atropurpurea	Purple Leaf Plum	1	G	W. Pacific entry
Quercus sp	Oak species	7	G	W. Pacific entry; park in SE corner of base

Landscaping  
Species Exhibit

**AREA 2**

Seaplane Lagoon, Hangars  
and Southeast Area



Trees (continued):

<b>Latin Name</b>	<b>Common Name</b>	<b>Quantity</b>	<b>Condition</b>	<b>Location</b>
Rhamnus alaternus	Italian Buckthorn	2	G	East entry
Salix sp.	Willow	2	G	Bldg 372; near 342A;
Schinus molle	California Pepper	10	F-G	W. Hornet
Schinus terebinthefolia	Brazilian Pepper	17	F-G	W. Hornet
Sequoia sempervirens	Coast Redwood	24 (young)	G	E of Bldg 360 at soccer field
Washintonia robusta	Fan palm	4	G	Bldg 19 and 21
Washingtonia sp	Fan Palms	3	G	Bldg 167
Zelkova serrata	Sawleaf Zelkova	2	G	N of Bldg 162

## Landscaping Species Exhibit

### AREA 2

Seaplane Lagoon, Hangers  
and Southeast Area



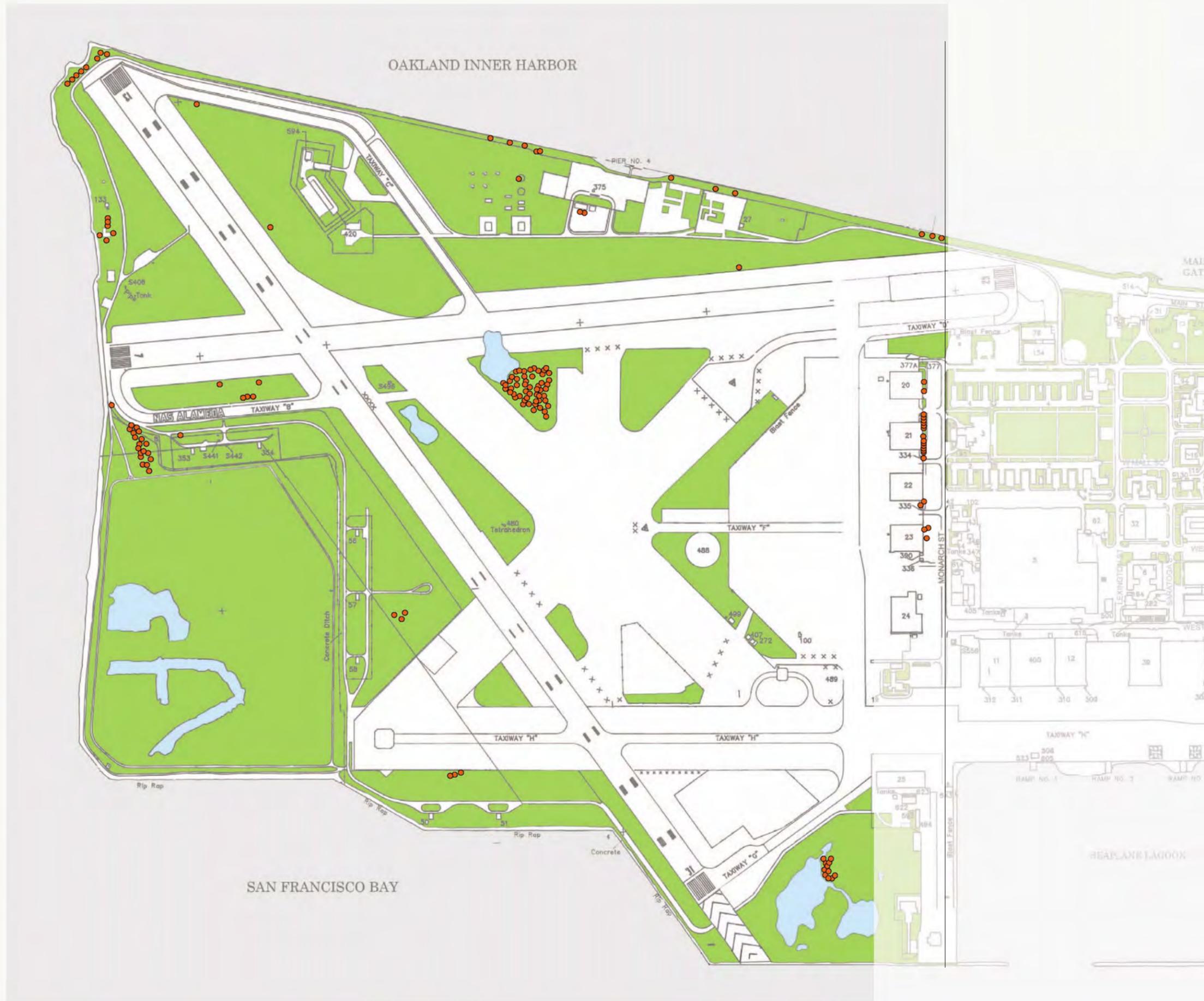
# VEGETATION

## AREA 3

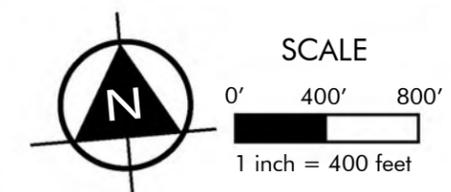
Airfield and  
Landplane Hangars

### VEGETATION LEGEND

-  Lawn or planting area
-  Tree (for species see Exhibit)
-  Character-Defining Tree



KEY MAP



NAVAL AIR STATION ALAMEDA, CA



Trees

<b>Latin Name</b>	<b>Common Name</b>	<b>Quantity</b>	<b>Condition</b>	<b>Location</b>
Acacia d. dealbata	Green Wattle	6	G	NE corner of airfield, west of 353
Acacia longifolia	Sydney Acacia	5	G	West of 353
Acacia melanoxylon	Black Acacia	20	G	(3) north of 353 & 354, (1) 403, (4) north side at rip rap, (8) north end of runway 31, (1) north of runway 7, and (2) in the NE corner of airfield, on top of 443
Agonis flexuosa	Peppermint Tree	1	G	Bldg 20
Apple Tree	Apple	2	G	Bldg 21
Casurina sp	She-Oak	1	G	Building 403
Citrus sp	Citrus varieties	12	F-G	Bldgs 21 & 23
Cupressus macrocarpa	Monterey Cypress	14	G	Bldg 403, north side at rip rap, west of 353, (11) in marsh area in SE corner of airfield
Fig Tree	Edible Fig	1	F	West end of taxiway C
Myoporum laetum	Myoporum	2	F	South of 528
Pinus halapensis	Aleppo Pine	1	G	Bldg 22
Pinus pinea	Italian Stone Pine	1	G	Bldg 21
Pinus radiata	Monterey Pine	2	G	Bldg 21
Pinus radiata	Monterey Pine	1	G	North of 111
Pittosporum undulatum	Victorian Box	1	G	Bldg 21
Prunus. C. atropurpurea	Purple Leaf Plum	1	G	Bldg 20
Salix sp.	Willow	6 masses	G	Near 497, marsh area in SE corner, north of 50-51, north of 354, east of 57, south of runway 7, ponds in the SW corner.
Quercus sp	Oak species	1	G	Bldg 23
Washintonia robusta	Fan palm	4	G	Bldg 21
Unknown species	Unknown	1	G	Building 403

Landscaping  
Species Exhibit

**AREA 3**

Airfield and  
Airfield Hangars



**NAS Alameda**  
**Extant Tree and Shrub Species**

TREES			SHRUBS				
Acacia d. dealbata		Malus sp	Abelia grandiflora		Erigeron karvinskianus	Loropetalum chinensis	Salvia elegans
Abies sp		Morus alba	Acacia longifolia		Eriobotrya japonica	Lycianthes rantonnei	Salvia leucantha
Acacia baileyana		Myoporum laetum	Acanthus mollis		Escallonia fradesii	Matthiola sp	Salvia sp
Acacia longifolia		Myrica californica	Aeonium sp		Escallonia Terry	Mimulus aurantiacus	Santolina chamaecyparissus
Acacia melanoxylon		Olea europaea	Agapanthus africanus		Escholtzia californica	Myoporum laetum	Scotch broom
Acer palmatum		Palm species	Agave sp		Euonymus japonica	Myrica californica	Sempervivum tectorum
Acer saccharum		Phoenix canariensis	Arbutus unedo		Euryops pectinata	Myrtus communis	Senecio cineraria
Agonis flexuosa		Photinia fraseri	Arctostaphylos sp		Fatsia japonica	Nandina domestica	Solanum jasminoides
Alnus rhombifolia		Pinus canariensis	Armeria merittima		Felicia amelloides	Nephrolepis exaltata	Spirea sp
Apple Tree		Pinus halapensis	Artemesia sp		Festuca o. glauca	Nerium oleander	Strelitzia reginae
Arbutus unedo		Pinus pinea	Asperagus densiflorus `Myers'		Frageria chinensis	Nicotiana alata	Syzygium paniculatum
Arecastrum romanzoffianum		Pinus radiata	Aucuba J. varigata		Fruiting berry vines	Osteospermum fruticosum	Tagates lemmonii
Avacado		Pinus thunbergiana	Aucuba japonica		Fuchcia hybrids	Pansys	Tecomeria capense
Betula verrucosa		Pittosporum crassifolium	Azalea hybrid		Gaura	Pelargonium hybrid	Thuja occidentalis
Callistemon citrinus		Pittosporum eugeniodes	Baccharis pilularis		Gazania hybrid	Pennisetum setaceum	Tibochina urvilleane
Casurina sp		Pittosporum tenuifolium	Baccharis pilularis prostrata		Geranium hybrid	Penstemon hybrids	Trachelosperman jasminoides
Catalpa speciosa		Pittosporum tobira	Bambusa sp		Gladiola bulbs	Phaedranthus	Tulbaghia violacea
Cedrus a. Glauca		Pittosporum undulatum	Begonia hybrid		Grape vine	Philodendron	Viburnus suspensum
Cedrus deodara		Platanus acerifolia	Bergenia crassifolium		Grewia caffre	Phormium tenax	Vinca minor
Ceratonia siliqua		Platanus racemosa	Brugmansia suaveolens		Griselinea lucida	Photinia fraseri	Westringia rosmariniformis
Cercis occidentalis		Podocarpus gracilior	Buxus japonica		Hakea sauveolens	Phyllostachys sp	Wisteria chinensis
Chamaecyparis obtusa		Populus n. italica	Cactus sp		Hebe buxifolia	Pinus mugo	Zantedeschia aethiopica
Cinnemomum camphora		Populus sp.	Callistemon citrinus		Hedera h. `Hahns'	Pittosporum crassifolium	Zauchneria californica
Citrus sp		Prunus carolineana	Camellia japonica		Hedera helix `Hans Varigated'	Pittosporum tenuifolium	
Cordylone australis		Prunus sp.	Canna		Hedycium	Pittosporum tobira	
Crataegus phaenopyrum		Prunus. C. atropurpurea	Carex sp		Hemerocallis hybridus	Pittosporum undulatum	
Cupressus Hinoki		Pyracantha coccinea	Carpobrotus edulis		Heteromeles arbutifolia	Pittosporum x. wheeleri	
Cupressus i. Stricta		Pyrus calleryana	Ceanothus `Julia Phelps'		Hybisucus	Pittosporum eugeniodes	
Cupressus macrocarpa		Quercus agrifolia	Ceanothus g. horizontalis		Hydrangea	Pittosporum t. varigata	
Cupressus s. Italica		Quercus sp	Centranthus rubra		Iceland Poppy	Plumbago auriculata	
Cupressus sp (glauca)		Rhamnus alaternus	Chaenomeles		Ilex x. Burford	Polygonum capitatum	
Eriobotrya japonica		Robinia pseudoacacia	Cheiranthus cheiri		Impatiens wallerana	Polysticum setiferum	
Eucalyptus ficifolia		Salix babylonica	Cistus x purpureus		Ipomoea tricolor	Pontederia cordata	
Eucalyptus globulus		Salix sp.	Coleonema pulchrum		Iris douglasiana	Poppies	
Eucalyptus polyanthemus		Schinus molle	Coprosma repens		Iris sp	Primrose	
Eucalyptus sideroxylon		Schinus terebinthefolia	Coreopsis grandiflora		Jasminum polyanthemum	Prunus laurocerasus	
Eucalyptus sp		Sequoia sempervirens	Cortedaria seloana		Juniper sp	Prunus lusitanica	
Eucalyptus viminalis		Syzygium paniculatum	Cotoneaster lacteus		Juniperus c. Pfitzerana	Prunus lyonii	
Ficus m. nitida		Taxus baccata	Cotoneaster lowfast		Juniperus c. Torulosa	Prunus virginiana	
Ficus sp		Ulmus hybrid	Cotoneaster pannosus		Juniperus tamariscifolia	Punica granatum	
Fig Tree		Ulmus parvifolia	Cotoneaster x. `Lowfast'		Lampranthus sp.	Pyracantha coccinea	
Fraxinus oxycarpa		Unknown species	Crassula argentea		Lantana camera	Rhapiolepis indica	
Fruit Trees		Washingtonia robusta	Croscasmia		Lantana montevidensis	Rhododendron hybrid	
Griselinia lucida		Washingtonia sp	Cruciferae sp		Lavandula `Munsted'	Rhus integrifolia	
Juniperus x. torulosa		Zelkova serrata	Cycas revoluta		Lavandula sp	Ribes sanguineum	
Laurus nobilis			Cyclamen sp		Leonotis leonurus	Rosa sp	
Leptospermum laevigatum			Dietes iridoides		Leptospermum `Ruby Glow"	Rosemarinus prostrutus	
Ligustrum lucidum			Dodonea viscosa		Leptospermum laevigatum	Rosemarinus sp	
Liquidambar syraciflua			Echeveria imbricata		Ligustrum japonica	Salix sp	
Magnolia grandiflora			Echium fastuosum		Lonicera	Salvia clevelandii	



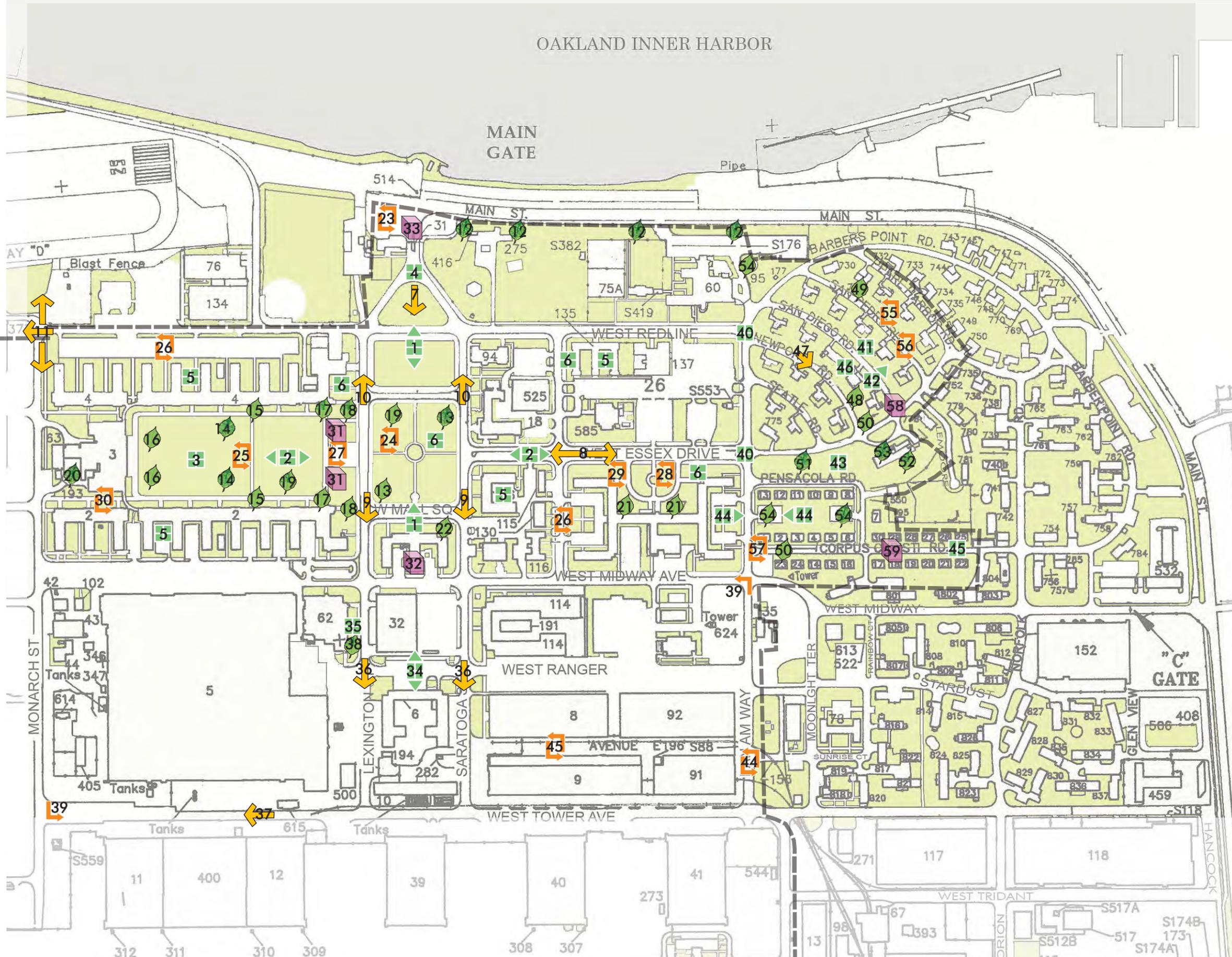
# CHARACTER-DEFINING FEATURES

## AREA 1

Administrative Core, Shops, and Residential/MWR

### LEGEND

-  Spatial Organization
-  Views and Vistas
-  Vegetation
-  Circulation
-  Structures, Furnishings & Objects
-  Water Features
-  Historic District Boundary



KEY MAP





## Character-Defining Features by Area

No.	<b>AREA 1 - Administrative Core and Residential / MWR</b>
	<b><i>Administrative Core</i></b>
<u>Spatial Organization</u>	
1	Bi-laterally symmetrical entry mall with north-south axis between Buildings 1 and 31
2	East-west axis at the center line of West Essex Drive and the BEQ quadrangle
3	Bi-laterally symmetrical BEQ quadrangle
4	Bi-laterally symmetrical entry drive at north end of entry mall
5	Landscaped courtyards enclosed by buildings on three sides (3 representative examples indicated)
6	Deep setback of buildings planted with lawn and shallow foundation shrub beds (2 representative examples indicated)
Non-Mapped	Orthogonal layout of roads, buildings and paths
Non-Mapped	Integration of architecture and landscape
<u>Views and Vistas</u>	
7	Views south at the entry mall
8	Views along east-west axis of BEQ quadrangle and West Essex Drive
9	Views south along Lexington Street and Saratoga Street from entry mall to Seaplane Lagoon
10	Views of Oakland north along Lexington Street and Saratoga Street
11	Panoramic views from corner of Red Line Avenue and Monarch Street
<u>Topography</u>	
Non-Mapped	Flat, with gentle slope at steps connecting entry mall and BEQ quadrangle
<u>Vegetation</u>	
12	Monterey cypress east of Main Gate entry and along north border
13	Specimen Monterey cypress at corners of entry mall
14	Rows of Chinese elms at BEQ quadrangle
15	Pairs of brush cherries at building entries at Building 2 & 4 entries of BEQ quadrangle (2 representative examples indicated)
16	Two groups of Monterey pines at west end of BEQ quadrangle
17	Paired Yews at the east ends of Buildings 2 and 4
18	Black pines flanking path approaching east end of Building 2 and one on south side of path approaching east end of Building 4
19	Expanse of low ground cover with trees and few or no shrubs at entry mall and BEQ quadrangle
20	Three multi-trunk trees - myoporum and mayten - west of Building 3
21	Pair of rusty leaf fig trees north of BOQ (Building 17)
22	Lawn and foundation shrubs in deep setback of buildings
<u>Circulation</u>	
23	Main Gate parking and waiting area
24	Prominent paths across the entry mall
25	Paths in the BEQ quadrangle
26	Orthogonal path alignment west of Pam Am Way
27	Symmetrical, wide plaza, and shallow steps that connect the entry mall and the BEQ quadrangle
28	Central path with circle of planting at Building 17
29	Symmetrical, curved driveway at Building 17
30	Matched wide paths approaching each wing of Buildings 2 and 4
<u>Water Features</u>	
	None
<u>Structures, Furnishings &amp; Objects</u>	
31	Planters flanking plaza connecting entry mall and BEQ quadrangle
32	Paired, free - standing pots (1 representative example indicated)
33	Light poles in parking area outside Main Gate
Non-Mapped	Integration of architecture and landscape
	<b><i>Shops Area</i></b>
<u>Spatial Organization</u>	
34	Continuing north-south axis through Building 1 and Building 39 and Seaplane Lagoon
35	Deep setback of buildings with lawn and foundation shrubs (2 representative examples indicated)
Non-Mapped	Orthogonal layout of roads, buildings and paths
Non-Mapped	Integration of architecture and landscape
<u>Views and Vistas</u>	
36	Views south along Lexington Street and Saratoga Street from entry mall to Seaplane Lagoon
37	View along West Tower Avenue

<u>Topography</u>	
Non-Mapped	Flat
<u>Vegetation</u>	
38	Lawn and foundation shrubs in deep setback of buildings at Buildings 6, 8, 62, and 114 and at Monarch and Midway Avenues (Buildings 42, 43, 44, 102) (1 representative example indicated)
<u>Circulation</u>	
39	Vast paved areas without curbs and few obstructions (symbols indicate extent of area)
<u>Water Features</u>	
	None
<u>Structures, Furnishings &amp; Objects</u>	
Non-Mapped	Integration of architecture and landscape

### ***Residential / MWR Area***

<u>Spatial Organization</u>	
40	Offset alignment (fom orthogonal layout) on West Redline Ave. and West Essex Drive at Pam Am Way
41	Egg-shaped layout of the Officers' Housing with curved roads (Symbol indicates general location)
42	Orientation of "Big Whites" facing northeast (1 representative example indicated)
43	Park and the open space south of West Essex Drive separates the Officers' Housing from the Chief Petty Officers (C.P.O.) Housing
44	Axial alignment of C.P.O. Housing, parking and open space surrounding Building 178 aligns with Building 17
45	Consistent setback of homes on Pensacola Road and Corpus Cristi Road (Symbol indicates general location)
46	Setback without property line fences and minimal use of hedges in the officers' housing area
Non-Mapped	Integration of architecture and landscape
<u>Views and Vistas</u>	
47	Limited internal views (1 representative example indicated)
<u>Topography</u>	
Non-Mapped	Flat
<u>Vegetation</u>	
48	Lawns planted throughout and minimal use of hedges, vines or ground cover (Symbol indicates general location)
49	Officers' houses surrounded by generous areas of lawn
50	Planted parking strip between the curb and sidewalk at frontyards in Officers' and C.P.O. housing
51	Park improvements limited to lawn and trees
52	Mixed grove of trees around Quarters A
53	Yew tree on north side of Quarters A
54	Australian tea trees at parking lots on east and west sides of C.P.O. housing and around Building 95
<u>Circulation</u>	
55	Parking in attached single car garages and driveways for "Big Whites"
56	Narrow road widths in Officers' and C.P.O. housing
50	Planted parking strip between the curb and sidewalk at frontyards of Officers' and C.P.O. housing
57	Secondary paths are narrower in the C.P.O. housing than in Officers' Housing area
<u>Water Features</u>	
	None
<u>Structures, Furnishings &amp; Objects</u>	
58	Curbed planting bed at front yards of Officers' Housing; curb slopes up towards the house.
59	Shallow foundation planting beds in C.P.O. housing

# CHARACTER-DEFINING FEATURES

## AREA 1

### Administrative Core, Shops, and Residential/MWR

### NOTE

Some character-defining features are not individually mapped, but are illustrated with representative icons. Additionally, some character-defining features of the historic designed landscape are not illustrated on the diagrams because of their omnipresent qualities or because they are part of the integration of landscape and architecture present on NAS Alameda. For a full understanding of the character-defining features of the historic designed landscape, readers should consult the relevant sections of the CLR: Section 4.2 and the table in Section 5.



# CHARACTER-DEFINING FEATURES

## AREA 2

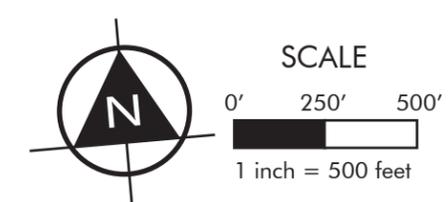
Seaplane Lagoon, Hangars, and Southeast Area

### LEGEND

-  Spatial Organization
-  Views and Vistas
-  Vegetation
-  Circulation
-  Structures, Furnishings & Objects
-  Water Features
-  Historic District Boundary



KEY MAP





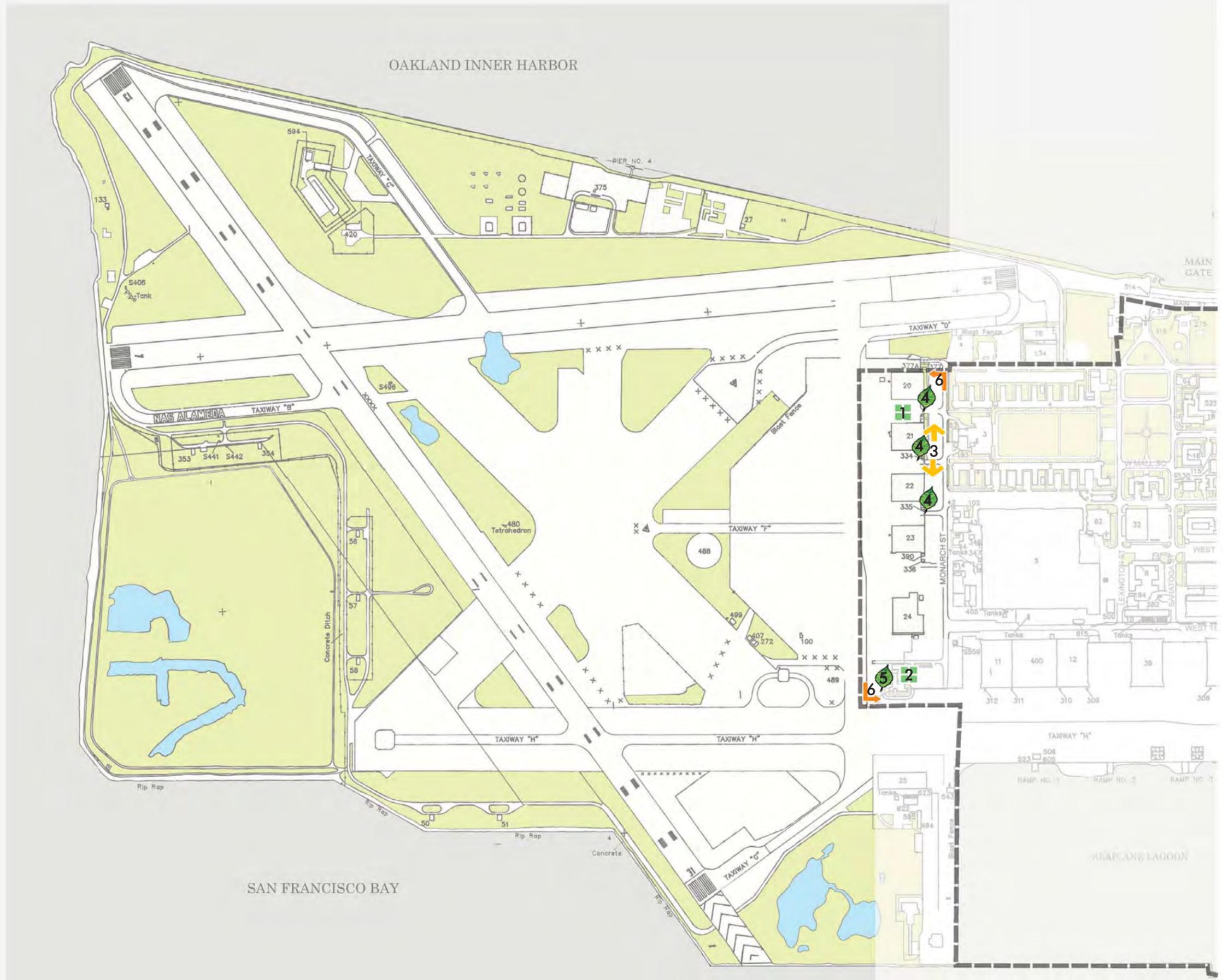
# CHARACTER-DEFINING FEATURES

## AREA 3

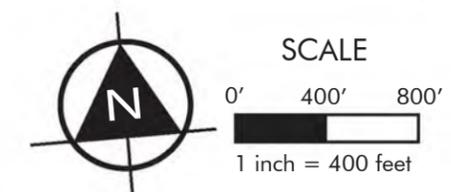
Airfield and Landplane Hangars

### LEGEND

-  Spatial Organization
-  Views and Vistas
-  Vegetation
-  Circulation
-  Structures, Furnishings & Objects
-  Water Features
-  Historic District Boundary



KEY MAP



NAVAL AIR STATION ALAMEDA, CA



## Character-Defining Features by Area

No.	<b>AREA 2 - Hangars, Seaplane Lagoon, and Southeast Area of Station</b>
	<b>Operations Area</b>
<u>Spatial Organization</u>	
1	Generally spaces between buildings are paved without sidewalks, curbs or pedestrian paths.
2	Building 39 is on the north to south axis from the Administrative Core
3	Seaplane Lagoon is bi-laterally symmetrical, and on the north to south axis of the Administrative Core
4	Deep setback of buildings planted with lawn at Building 77
Non-Mapped	Orthogonal layout of roads, buildings and paths
Non-Mapped	Integration of architecture and landscape
<u>Views and Vistas</u>	
5	Views along Tower Avenue
6	Views along the rows of hangars
7	Panoramic views south across seaplane lagoon and west across Airfield from the hangars
<u>Topography</u>	
Non-Mapped	Flat
<u>Vegetation</u>	
8	Lawn surrounding Building 77
<u>Circulation</u>	
9	Vast paved areas without curbs and few obstructions. Spaces dominated by vehicular circulation; few pedestrian sidewalks or paths
<u>Water Features</u>	
10	Seaplane Lagoon
<u>Structures, Furnishings &amp; Objects</u>	
	None

No.	<b>AREA 3 - Airfield</b>
	<b>Operations Area</b>
<u>Spatial Organization</u>	
1	Generally spaces between buildings are paved without sidewalks, curbs or pedestrian paths
2	Deep setback of building planted with lawn at Building 19
<u>Views</u>	
3	Views along the rows of hangars
Non-Mapped	Integration of architecture and landscape
Non-Mapped	Orthogonal layout of roads, buildings and paths
<u>Topography</u>	
Non-Mapped	Flat
<u>Vegetation</u>	
4	Lawns on east side of Buildings 20, 21, and 22
5	Deep setback planted with lawn and foundation shrubs at Building 19
<u>Circulation</u>	
6	Vast paved areas without curbs and few obstructions. Spaces dominated by vehicular circulation; few pedestrian sidewalks or paths.
<u>Water Features</u>	
	None
<u>Structures, Furnishings &amp; Objects</u>	
	None

# CHARACTER-DEFINING FEATURES

## AREA 2 & 3 Seaplane Lagoon, Hangars, and Southeast Area Air Field

### NOTE

Some character-defining features are not individually mapped, but are illustrated with representative icons. Additionally, some character-defining features of the historic designed landscape are not illustrated on the diagrams because of their omnipresent qualities or because they are part of the integration of landscape and architecture present on NAS Alameda. For a full understanding of the character-defining features of the historic designed landscape, readers should consult the relevant sections of the CLR: Section 4.2 and the table in Section 5.



MAIN GATE

TAXIWAY "D"

MONARCH ST

LEXINGTON

Tanks

Tanks

Tanks

Tanks

Tanks

Tanks

Tanks

Tanks

76

134

377A

319

316

554

20

21

22

23

24

42

102

43

546

614

5559

11

400

12

39

5

82

32

194

282

500

10

308

307

77

514

31

5382

75A

135

S419

60

525

18

555

115

116

114

191

114

8

92

9

91

273

41

544

308

307

77

544

195

195

195

195

195

MAIN ST

WEST REDLINE AVE

ESSEX DRIVE

WEST MIDWAY AVE

WEST RANGER AVE

AVENUE E 196 S88

WEST TOWER AVE

WEST TRIDANT

WEST ATLANTIC AVE

VIKING

ORION

WEST PA

WEST OR

TICONDEROGA

15TH ST

39

S558

292

340

S318

167

166

72B

164

555

287

351

588

410

621

610

514

31

S382

75A

135

S419

60

525

18

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114

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MAIN ST

WEST REDLINE AVE

ESSEX DRIVE

WEST MIDWAY AVE

WEST RANGER AVE

AVENUE E 196 S88

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WEST TRIDANT

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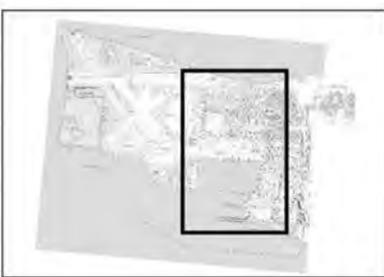
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**CHARACTER-DEFINING FEATURES OF THE HISTORIC DISTRICT**

-  Spatial Organization
-  Views and Vistas
-  Vegetation
-  Circulation
-  Structures, Furnishings & Objects
-  Water Features



**LEGEND**

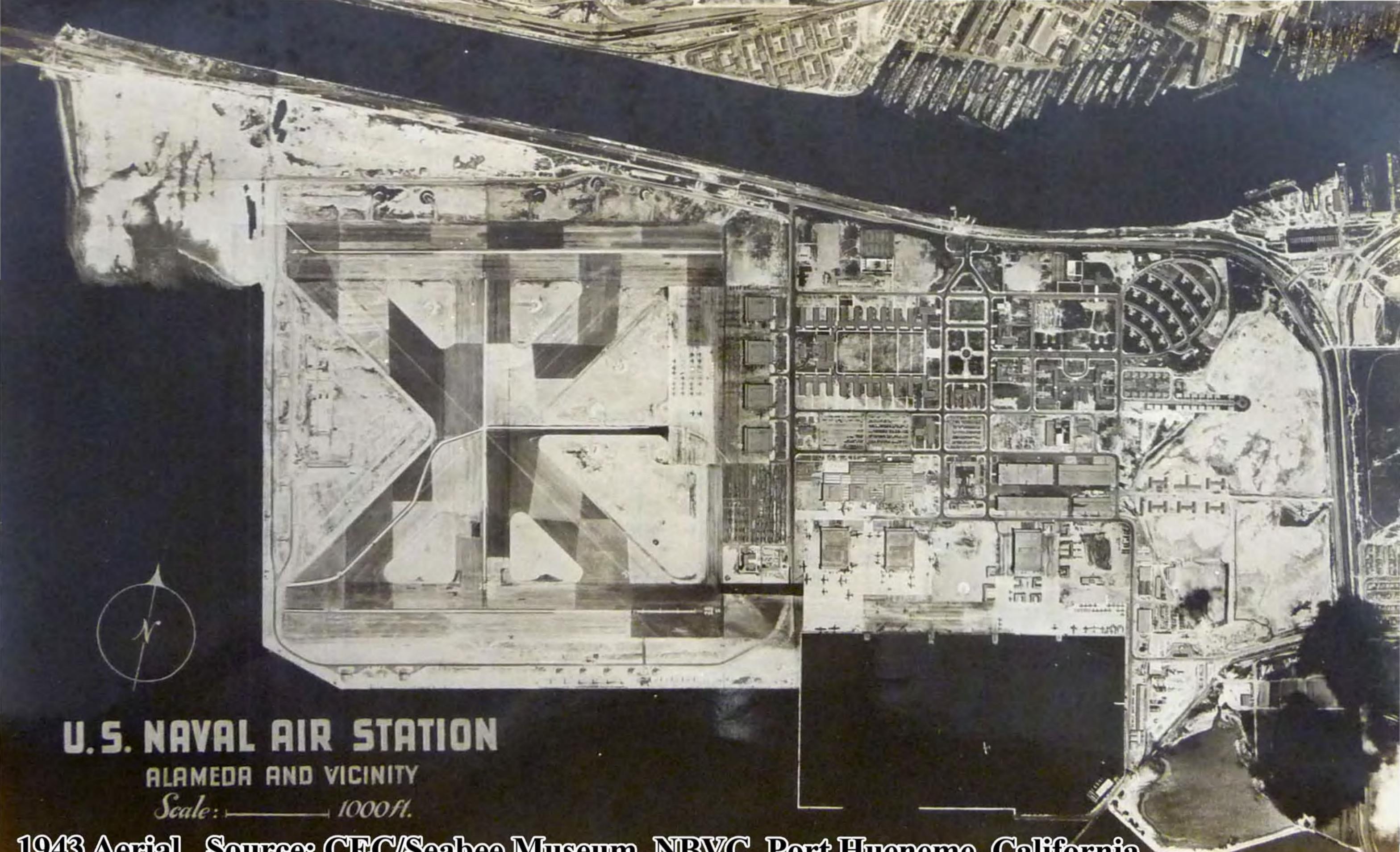
-  NAS Alameda Historic District Boundary
-  NAS Alameda National Register Eligibility
-  Contributing to Historic District
-  Not Contributing to Historic District
-  Non-Contributing Space
-  Not Eligible
-  Built After 1989 - not evaluated

0 0.05 0.1 0.15

Miles







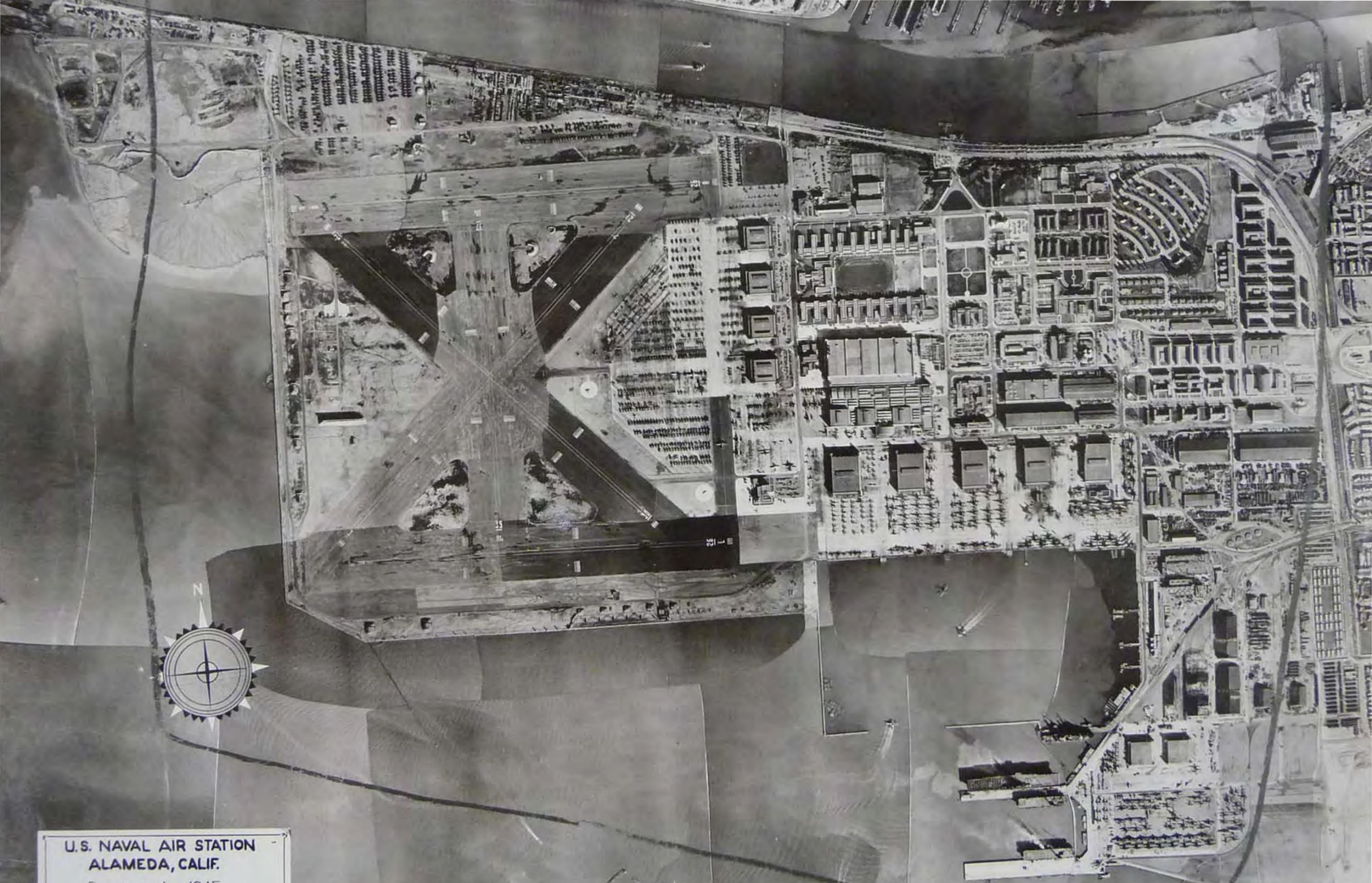
**U.S. NAVAL AIR STATION**

ALAMEDA AND VICINITY

Scale: ——— 1000 ft.

1943 Aerial Source: CEC/Seabee Museum, NBVC, Port Hueneme, California





U.S. NAVAL AIR STATION  
ALAMEDA, CALIF.  
DECEMBER 1, 1945  
SCALE - 1 INCH = 5000 FEET  
PHOTOGRAPHIC LABORATORY U.S. NAVAL AIR STATION ALAMEDA, CALIF.

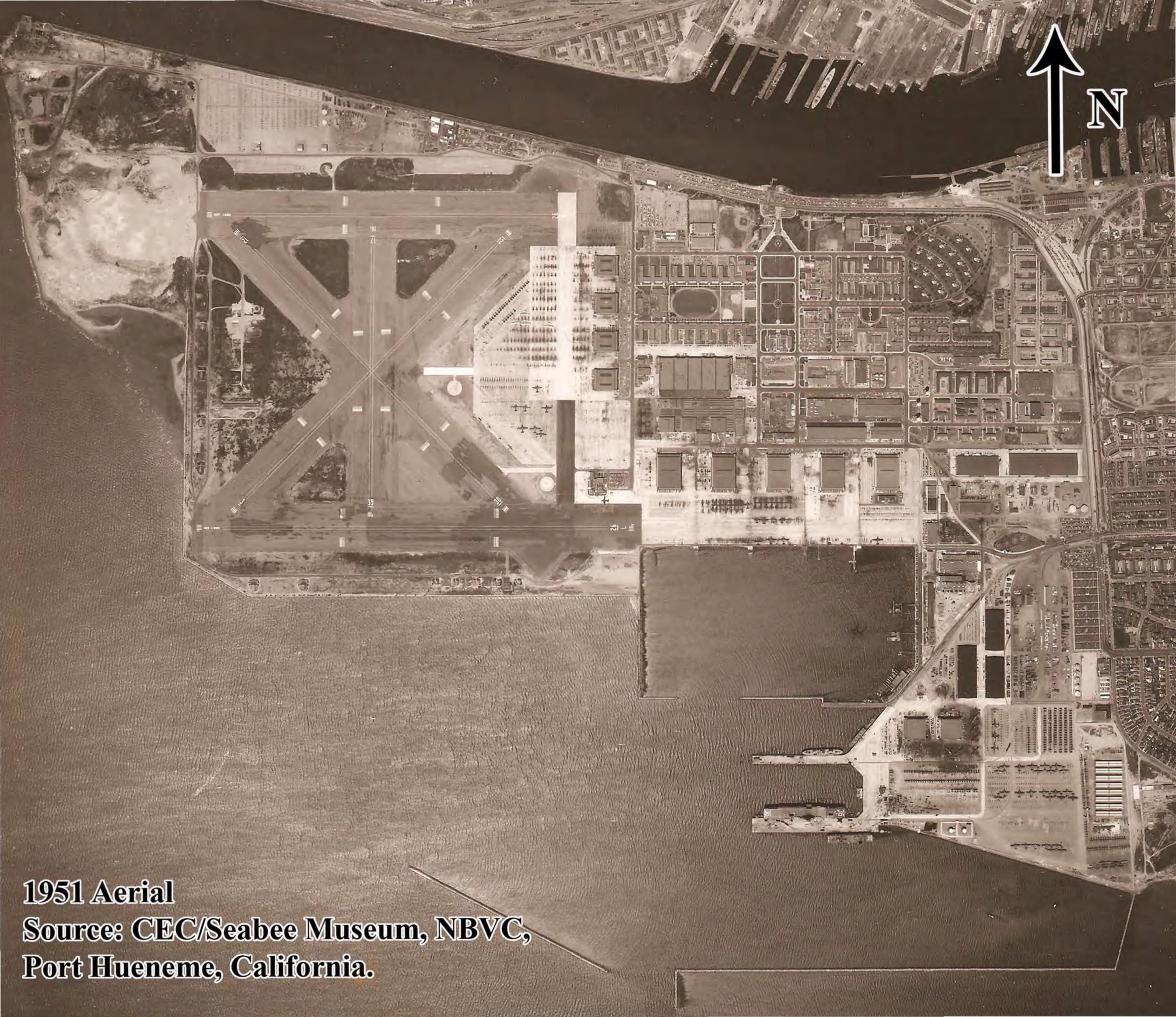
1945 Aerial Source: CEC/Seabee Museum, NBVC, Port Hueneme, California





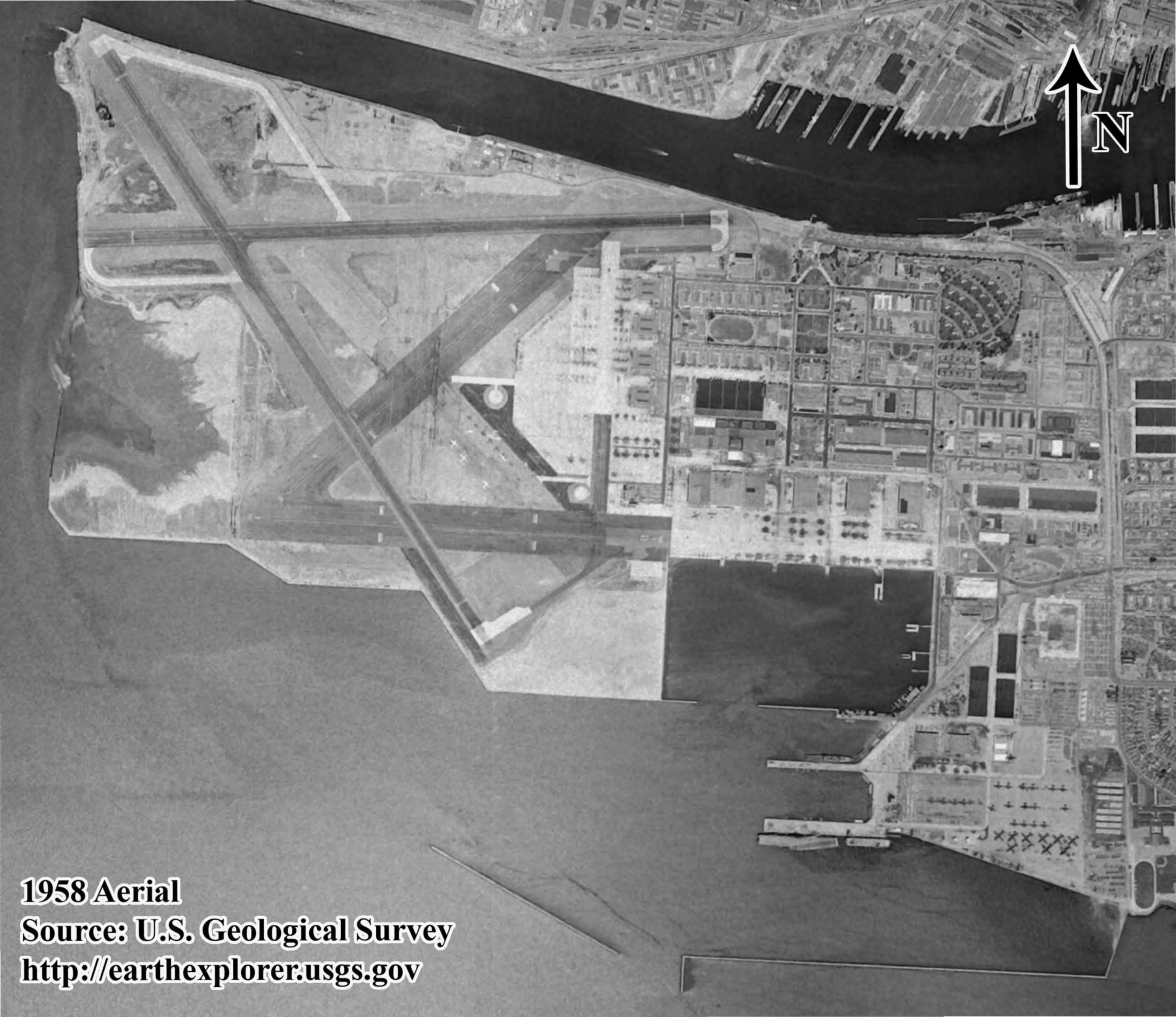
**1946 Aerial**  
**Source: Naval Facilities**  
**Engineering Command Southwest**





**1951 Aerial**  
**Source: CEC/Seabee Museum, NBVC,**  
**Port Hueneme, California.**





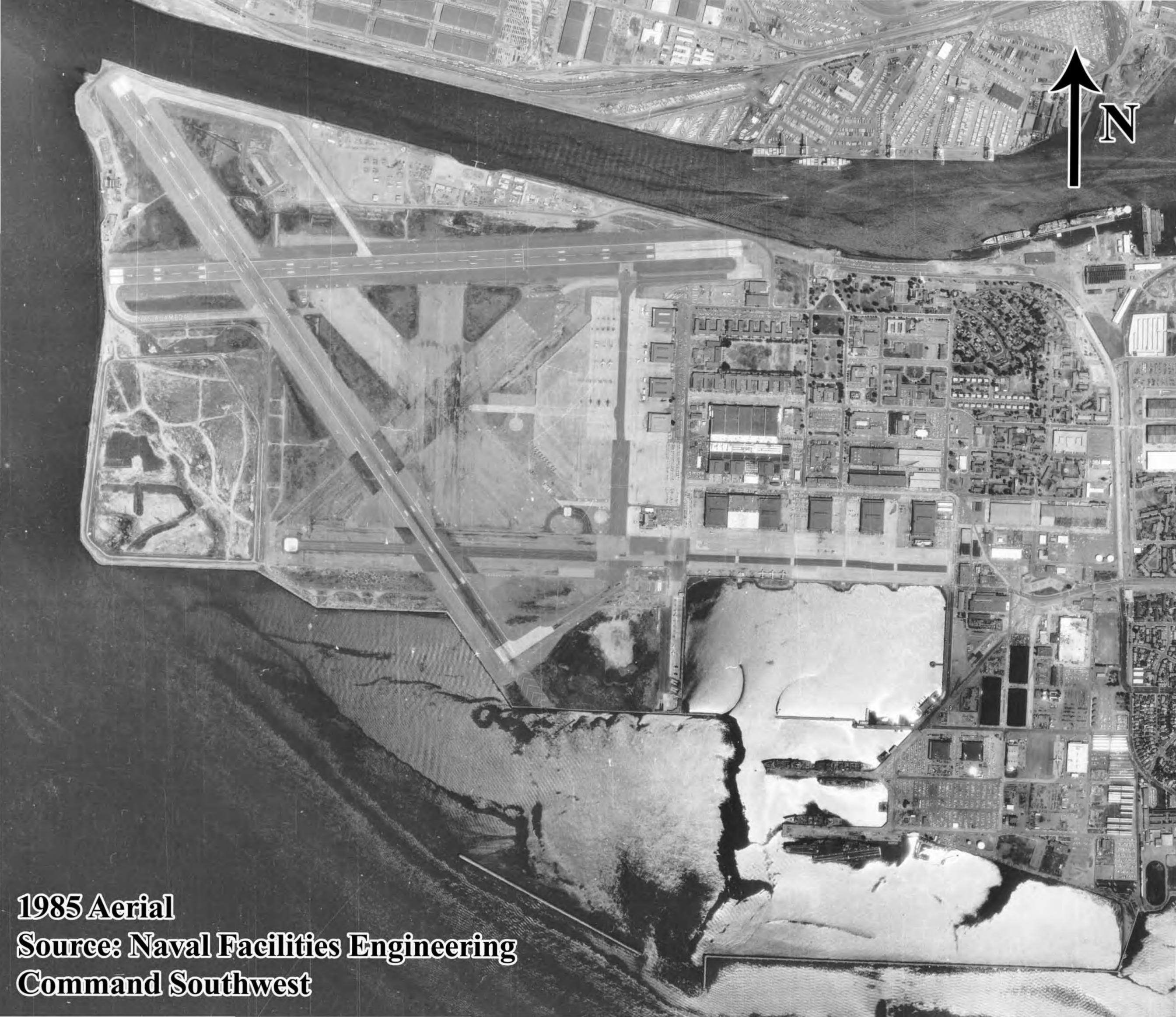
**1958 Aerial**  
**Source: U.S. Geological Survey**  
**<http://earthexplorer.usgs.gov>**





**1968 Aerial**  
**Source: Naval Facilities Engineering**  
**Command Southwest**





**1985 Aerial**  
**Source: Naval Facilities Engineering**  
**Command Southwest**





**1993 Aerial**  
**Source: Naval Facilities Engineering**  
**Command Southwest**



**APPENDIX B – DPR 523 FORMS**



Review Code

Reviewer

Date

Page 1 of 132

\*Resource Name or # (Assigned by recorder) NAS Alameda Historic District –  
Historic Designed Landscape

**P1. Other Identifier:**

\*P2. Location:  Not for Publication  Unrestricted

\*a. County: Alameda

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

\*b. USGS 7.5' Quad: Oakland West Date: 1993 T

; R ;  $\frac{1}{4}$  of  $\frac{1}{4}$  of Sec ; M.D.B.M.

c. Address:

City: Alameda

Zip: 94501

d. UTM: Zone: 10 ; mE/ mN (G.P.S.)

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate) Elevation:

On former Naval Air Station (NAS) Alameda. Please see sketch map for boundaries of the historic district and associated historic designed landscape.

\*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

This form records the historic designed landscape that is a contributing element of the NAS Alameda Historic District depicted on the attached sketch map. The existing conditions of the historic designed landscape (a category of cultural landscape) within the historic district are described in terms of functional land use areas, spatial organization, views and vistas, topography, vegetation, circulation, water features, and structures, furnishings and objects. (See Continuation Sheet.)

\*P3b. Resource Attributes: (List attributes and codes) HP 34 (Military Property)/ HP 29 (Landscape Architecture)

\*P4. Resources Present:  Building  Structure  Object  Site  District  Element of District  Other (Isolates, etc.)

P5a. Photo or Drawing (Photo required for buildings, structures, and objects.)



P5b. Description of Photo:  
(View, date, accession #)

**Photograph 1:** Entry mall facing south, September 25, 2009.

\*P6. Date Constructed/Age and

Sources:  Historic

Prehistoric  Both

1938-1945, Naval Records

\*P7. Owner and Address:

Navy BRAC PMO

1455 Frazee Road, Suite 900

San Diego, CA 92108

\*P8. Recorded by: (Name, affiliation, and address)

PGAdesign, Inc. and JRP

Historical Consulting, LLC

(See Continuation Sheet.)

\*P9. Date Recorded: September 2009 – December 2009

P10. Survey Type: (Describe)  
Intensive

P11. Report Citation: (Cite survey report and other sources, or enter "none.") JRP Historical Consulting, LLC, "Cultural Landscape Report, NAS Alameda," prepared for NAVFAC Southwest, 2012.

\*Attachments:  NONE  Location Map  Sketch Map  Continuation Sheet  Building, Structure, and Object Record  
 Archaeological Record  District Record  Linear Feature Record  Milling Station Record  Rock Art Record  
 Artifact Record  Photograph Record  Other (List):

**BUILDING, STRUCTURE, AND OBJECT RECORD**

\*Resource Name or # (Assigned by recorder) NAS Alameda Historic District – Historic Designed Landscape

B1. Historic Name: NAS Alameda

B2. Common Name: NAS Alameda/ Alameda Point

B3. Original Use: Naval Air Station

B4. Present Use: Mixed – Commercial, Industrial, and Residential

\*B5. Architectural Style: Moderne buildings and Beaux Art landscape layout

\*B6. Construction History: (Construction date, alterations, and date of alterations) 1938-1940 original fill and road construction; 1939-1992 building construction; 1941-1945 Initial planting; 1945-1948 Second planting plan; 1954-1956 Third planting plan; 1967-1969 “beautification program;” 1978-1979- fourth planting plan; 1987 final planting plan.

\*B7. Moved? No Yes Unknown Date:

Original Location:

\*B8. Related Features: NAS Alameda Historic District

B9a. Architect: US Navy Bureau of Yards and Docks

b. Builder: Johnson, Drake and Piper

\* B10. Significance: Theme: Naval Air Station Development

Area: San Francisco Bay Area

Period of Significance: 1938-1945 Property Type: Landscape/ Historic District Applicable Criteria: A & C

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

The historic designed landscape on NAS Alameda is a contributing element to the NAS Alameda Historic District. Like the buildings and structures that are contributing elements of the historic district, the historic designed landscape is significant at the state level under NRHP Criterion A / CRHR Criterion 1 and NRHP Criterion C / CRHR Criterion 3 and is significant for its association with naval air station development in the 1930s, development of naval facilities in the San Francisco Bay Area during World War II, and the station’s role in supporting the Navy’s operations in the Pacific theater during World War II. The character-defining features of the historic designed landscape are situated within the boundaries of the historic district, and they retain sufficient historic integrity to convey significance within the historic district’s period of significance, 1938-1945.

The cultural landscape on NAS Alameda does not appear to be significant under Criterion B / Criterion 2 because it does not have important direct association with one or more historically significant persons from that period and it has not yielded, nor is it likely to yield, information important to history in a manner that would make it significant under Criterion D / Criterion 4. (See Continuation Sheet.)

B11. Additional Resource Attributes: (List attributes and codes)

\*B12. References: US Navy building records, plans, and photographs (CEC/Seabee Museum, NBVC, Port Hueneme; Plans Room, Alameda City Hall West); NAS Alameda Command Histories, 1940-1992, and Base Directories (US Naval Shore Establishments, RG 181, NARA Pacific Region); Allbrandt, “History of the Naval Air Station ... Alameda, California,” AMDO Association (1996); JRP Historical Consulting, *California Historic Military Buildings and Structures Inventory* (2000); *The Carrier*, 1941-1960; *Alameda Times-Star*, 1952-1988; *Oakland Tribune*, 1941-1967; see also footnotes, B10.

B13. Remarks:

\*B14. Evaluator: C. McMorris / H. Norby

\*Date of Evaluation: September 2010

(Sketch Map with north arrow required.)

(See Continuation Sheet.)

**P8. Recorded by (cont.):** Field recordation primarily preformed by PGAdesign, Inc., 444 17<sup>th</sup> Street, Oakland, California 94612, under the direction of Chris Pattillo. JRP Historical Consulting, LLC, 2850 Spafford Street, Davis, CA 95618, recorded portions with field crews led by Christopher McMorris.

**\*P3a. Description (cont.):**

**Description of Historic District Boundary**

The boundary of the NAS Alameda Historic District is as follows. The northern boundary of the historic district extends east from the parking area adjacent to the Main Gate along the northern edge of the station on Main Street and then south to the north edge of the landscape area around Building 95. The boundary line extends east to the northwest side of where San Pedro Road meets Barbers Point Road. The line extends northeast along the northern side of Barbers Point Road, heads southeast along the east side of Pearl Harbor Road, and then southwest on the east side of Essex Drive. The boundary encompasses a portion of the lawn on the east side of Quarters A's driveway and follows the fenced yard of Quarters A southeast, nearly to Lemoore Road, then southwest nearly to Pensacola Road. The line then encompasses the yard of Chief Petty Officer housing unit 7 and continues east along the northern edge of the yards of Chief Petty Officer housing units 25-29. The boundary then turns south, crossing Corpus Christi Road, and then west along the back yards of Chief Petty Officer housing units 14-24. Upon reaching Pan Am Way, the line extends south along the east side of Pan Am Way, deviating south of Midway Avenue to include Building 35. The boundary then continues along the east side of Pan Am Way following the southern edge of the curve as Pan Am Way transitions to Ferry Point Road. The line continues south along the west side of Ferry Point Road moving further west at a point south of Atlantic Avenue to exclude the parking adjoining the road. At the northern edge of Pier 1, the boundary turns west excluding the pier, but includes the jetties forming the southern edge of the Seaplane Lagoon. The line extends up the west side of the Seaplane Lagoon, jogs to the west on the north edge of Taxiway "H" and continues west from Monarch Street toward the Airfield to encompass Building 19. The boundary extends north along the east side of Taxiway "E" to the northern edge of Building 20 and heads east along the northern edge of Red Line Avenue and heads north, encompassing the landscaped area adjacent to Lexington Avenue and along the west edge of Building 30 including the associated parking lot north of the Main Gate.

The following provides a description of the landscape within the NAS Alameda Historic District. This description is divided into functional areas of the former station based on historic land uses. These areas are the Administrative Core, Shops Area, Residential / Morale, Welfare, and Recreation (MWR) Area, and Operations Area. Within each area elements of the landscape are described under the following categories: Spatial Organization; Views and Vista; Topography; Vegetation; Circulation; Water Features; and Structures, Furnishings and Objects.

**ADMINISTRATIVE CORE**

Most of the Administrative Core is located within the historic district. The only portion of the Administrative Core not within the boundary of the historic district is the former enlisted personnel recreational area located north of West Redline Avenue, west of Lexington Street.

Spatial Organization

The Administrative Core within the historic district is a generally rectangular space laid out on an east - west grid. The area is 3,000 feet in the east - west direction, and 1,580 feet at its greatest north-south depth. The core area is bound by Main Street (beyond which to the north is the Oakland Inner Harbor), the north gate parking area, West Midway Drive and the Shops Area to the south, Monarch Street and the landplane hangars to the west, and Pan Am Way and the Residential / MWR Area to the east.

The axis that organizes the layout of the main portion of the station crosses perpendicularly in a ceremonial open space in the center of the Administrative Core. This space is formed by a bi-laterally symmetrical entrance mall that stretches from the sentry house (Building 31) at the north gate to the Administration Building (Building 1) and then further south into other functional areas. This entry mall is formed by three panels of lawn, sidewalks, and formal plantings (**Photograph 2** and **Photograph 3**). A circular path around a single cypress tree in the largest, southernmost panel of lawn is planted at the intersection of the organizing axes and is a secondary focal point. Building 1, in line with the north-south axis, is the primary focal point in the Administrative Core. Driving lanes, with wide sidewalks on both sides, run north-south along both sides of the mall.

The east-west axis runs through the centerline of a large quadrangle (BEQ quadrangle) defined by a U-shaped complex formed by Buildings 2, 3 and 4 (**Photograph 4**). The axis runs east down the center of West Essex Drive, the only divided road within the Administrative Core. It is divided by a median that was planted until 1955-56 when it was paved and converted to diagonal parking spaces. Double-headed cobra-style lights situated off-center of the axial line dividing West Essex Drive line the median. This street divides the east half of the Administrative Core into equal quadrants. Each end of this axis has a strong focal point. To the east, the front façade of Building 3, framed by Buildings 2 and 4, parallel rows of Chinese elm trees (caliper ranges from 3' 9" to 4' 4"), and two groups of Monterey pine trees is the primary east to west focal point.

The Monterey pines in the northwest corner of the BEQ quadrangle have calipers of 9' 0", 8', 6", and 12' 9" and those in the southwest corner measure 9' 8", 12; 9". One of the cypress trees in the southwest corner was removed in 2010 and the stump has a caliper of 11' 6". The focal point on the east end of the axis is the park at the end of West Essex Drive that separates the Officers' and CPO Housing (**Photograph 5**).

Buildings, roads, sidewalks and paths within the historic district are laid out in a formal orthogonal pattern throughout the Administrative Core (**Illustration 1**). Generally, this formal pattern is reinforced by vegetation. Rows of trees line streets and most buildings have foundation shrubs planted in straight beds that parallel building facades. Non-orthogonal, curved roads occur in only two locations – at the north entrance of Building 17 and west side of Building 3 (**Photograph 6**). There is also a curved path at the west end of the BEQ quadrangle that follows the curve in the arcade walkways connecting Buildings 2 and 4 to Building 3.

Land use within the Administrative Core includes offices for the City of Alameda in Building 1; parking on streets and surface lots throughout the area (some striped, some with curbs or wheel stops, and mostly diagonal); pedestrian and vehicle circulation; loading docks; ornamental plantings; utility and trash areas at various locations throughout the area, recreational zones including horseshoe pits, tennis courts, barbeque grills, soccer fields, basketball courts, and baseball fields; storage areas including storage of new, potted trees and storage of hazardous waste east of Building 60. Historically, this area included the station's original Main Gate, administrative headquarters, medical facilities, post office, bachelor residential facilities, and recreational facilities.



**Photograph 2:** Administrative Core, 2005 aerial photograph. Roads, in line with the primary axes that cross at the center of the entry mall serve as strong spatial organizers.<sup>1</sup>



**Photograph 3:** Entry mall, camera facing south, triangular lawn panel in foreground.

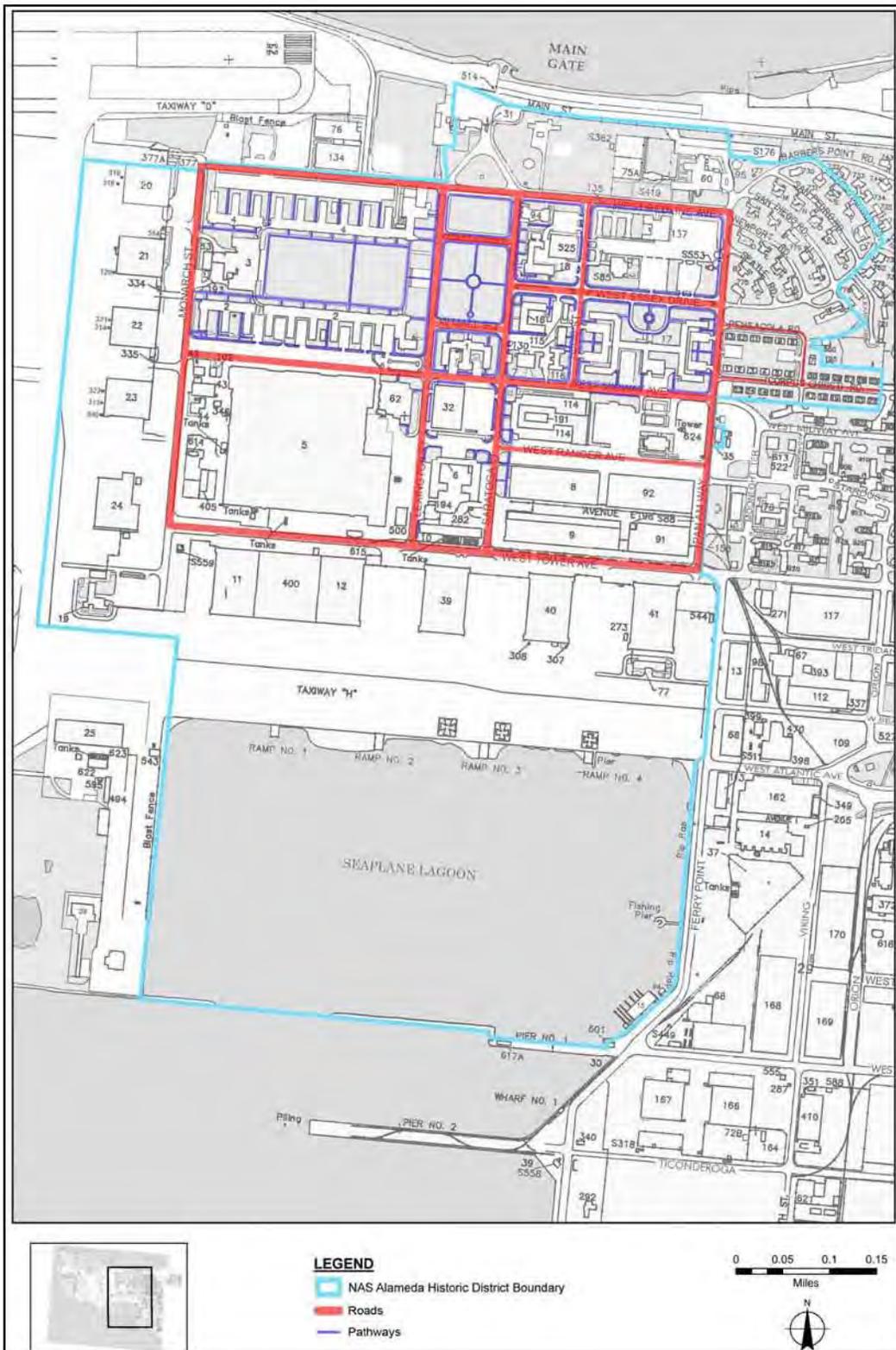
<sup>1</sup> 2005 Alameda County Aerial, State of California's GIS website page "CAL-ATLAS GEOSPATIAL CLEARINGHOUSE," available at [www.atlas.ca.gov](http://www.atlas.ca.gov).



**Photograph 4:** BEQ quadrangle formed by Buildings 2, 3, and 4 is the focal point of the east to west axis. Rows of Chinese elms line the quadrangle, and two groups of Monterey pines mark the west corners. Also note wide plaza in foreground, flanked by planters, connecting entry mall to BEQ quadrangle.



**Photograph 5:** Park in right background is the visual termination of the west to east axis, and also serves to separate the Officers' Housing from the CPO Housing.



**Illustration 1:** Orthogonal layout of roads and pathways in the Administrative Core and Shops areas.



**Photograph 6:** Curved drive on north side Building 17. Yellow arrows indicate entry and exit points.

Throughout the Administrative Core, buildings are setback with broad expanses of lawn between the sidewalk and building façades. In most locations, spaces between buildings, and within the courtyards formed by buildings, are also planted with lawn and / or shrubs (**Photograph 7**). In some places, these areas have been paved for parking. Spaces between buildings are not divided by fencing or hedgerows, except for some instances of temporary security fencing. With the exception of the parking area west of Pan Am Way and south of West Redline Avenue, the balance of the density between buildings and open space is relatively uniform. There are many landscaped courtyards, enclosed by buildings on three sides. These spaces vary in size from long, narrow spaces between the wings of Building 135 to large, rectangular spaces at the east, west and north sides of Building 17.

The area north of West Redline Avenue is less well defined than the areas south of this street. The north edge of the Administrative Core is porous and stacks of containers in the Port of Oakland and docked ships are visible to the north. The area east of the Main Gate entry is informal and includes an unordered collection of picnic areas and other remnants of recreation features. The layout of the tennis courts and handball court are on the grid. A flattened U-shaped parking area provides the setting for the approach from Main Street to the north entrance (**Photograph 8**). The scattered line of trees along the northern border of the base breaks for the entire span of the parking lot. The focal point of the entry plaza is the relatively small sentry house, Building 31, which was the entry portal to the facility.



**Photograph 7:** Typical courtyard found in Administrative Core, Building 135; facing north.



**Photograph 8:** Parking lot and waiting area at Main Gate; Buildings 30 and 31 at right.

Views and Vistas

The views and vistas from within the Administrative Core encompass elements of the built environment of NAS Alameda and elements exterior to the station. The longest interior views are the north-south and east-west axial views across the entrance mall. Looking north from Building 1, the viewshed takes in the entry mall, the monuments within, and a limited view of the Port of Oakland across the channel with its associated containers and cranes. From this vantage point the cypress tree in the center of the entrance mall is a primary focal point and interrupts the long view north (**Photograph 9**). Looking south along this axis, from the main entrance, the viewshed also takes in the central cypress tree, pedestal and associated planting, and Building 1. From the cypress tree there are long east-west axial views down West Essex Drive and west across the BEQ quadrangle (**Photograph 10**). The cypress tree, however, obstructs longer views between the quadrangle and West Essex Drive (**Photograph 11**). There are also east-west axial views along West Redline Avenue, allowing views of the Officers' Housing to the east, and a glimpse of San Francisco to the west.

Exterior views of the San Francisco Bay Area from within the Administrative Core are primarily of the Port of Oakland and East Bay hills, with some areas also allowing wider views that include more of the surrounding area. The Port of Oakland and its associated cranes and containers are visible all along the northern edge of the Administrative Core, and from within the station, looking north along Lexington and Saratoga streets. Extended southern views down the main north-south streets, Monarch Street, Lexington Street, Saratoga Street, and Pan Am Way, allow views of the Seaplane Lagoon, piers, and the bay beyond (**Photograph 12**). The panoramic view from West Redline Avenue and Monarch Street also includes San Francisco, Yerba Buena Island, the Oakland-San Francisco Bay Bridge, and Mount Tamalpais (**Photograph 13**). The view looking east and west along West Midway Drive is terminated by buildings, however a small glimpse of San Francisco is available at the west end of West Midway Drive, between hangar Buildings 22 and 23.



**Photograph 9:** View looking north from Building 1; monuments in foreground, Monterey cypress tree at center, and crane in background at right.



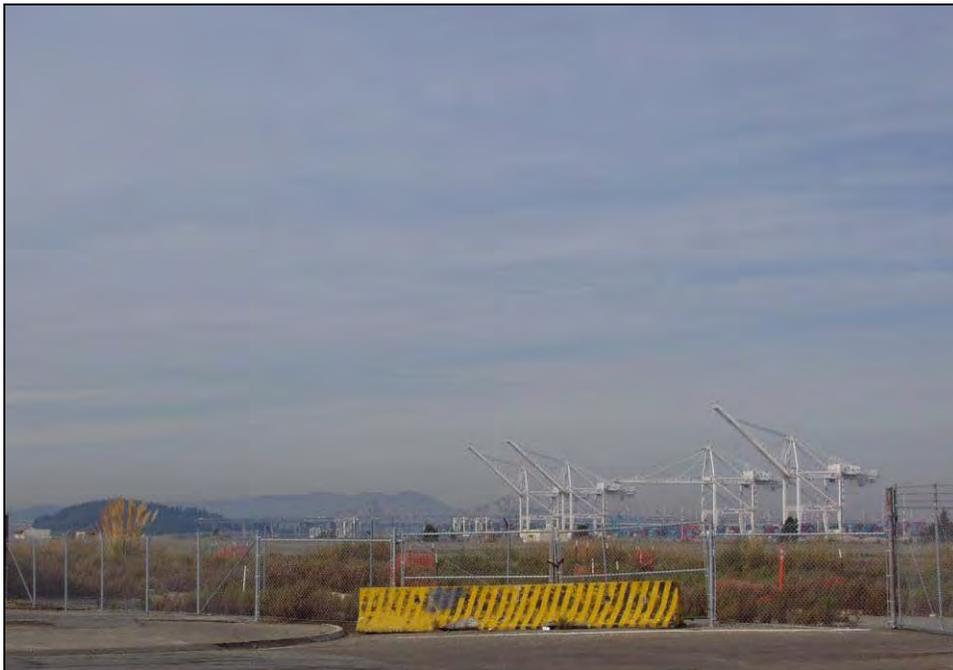
**Photograph 10:** Long axial view facing east from Monterey cypress in entrance mall.



**Photograph 11:** Long axial view east from Lexington Street obstructed by Cypress tree in the center of the entrance mall.



**Photograph 12:** Long view south along Lexington Street.



**Photograph 13:** View looking northwest from intersection of Monarch Street and West Redline Avenue includes Yerba Buena Island, Mount Tamalpais, and the San Francisco – Oakland Bay Bridge

Topography

The Administrative Core is essentially flat. At the east end of the BEQ quadrangle there is a gentle slope adjacent to the wide steps and concrete planters that connects this space to the entry mall.

Vegetation

Planting in the Administrative Core is dense compared to other areas of the station. Nearly all areas without buildings or pavings are planted with turf and trees, and most buildings have foundation shrubs (**Photograph 14**). Plant types include sixty species of trees and sixty-six species of shrubs and perennials. Tree types include eight coniferous species, sixteen deciduous trees, thirty-three broadleaf evergreens and two species of palms.<sup>2</sup> Only three species are noted for being flowering trees. Three fruit bearing species are found in this area, including citrus. Generally, there are far greater numbers of evergreen and coniferous trees and shrubs than deciduous species. Tree species that are used frequently include: black acacia, brush cherry, deodar cedar, evergreen elm, Lombardy poplar, Monterey cypress, Monterey pine, and Australian tea tree. No particular species of shrub is used in great number.

The lawns planted throughout the area provide a neat, formal appearance (**Photograph 15** and **Photograph 16**). Buildings throughout the Administrative Core have a wide setback from road and are typically planted with grass.



**Photograph 14:** Typical arrangement of foundation shrubs in the Administrative Core; Building 1.

<sup>2</sup> Deciduous trees lose their leaves in winter.  
DPR 523B (1/95)



**Photograph 15:** Lawns are planted generously throughout the Administrative Core; facing northeast from the BEQ quadrangle.



**Photograph 16:** Typical example of deep panel of lawn found in the Administrative Core, south side of Building 60; facing east.

Trees are planted in rows and as isolated specimens. In either configuration they are frequently used as focal points. Large, specimen atlas cedars are located at three of the four corners of the block surrounding Building 1. A Monterey cypress with a 21' 8" caliper is located at the northeast corner of the large entry mall (**Photograph 17**). Throughout the Administrative Core, paired plantings of trees or shrubs are frequently used – some in planters – to flank building entries

**(Photograph 18 and Photograph 19).** Species used in this way include: brush cherry, Chinese photinia, euonymous, fern pine, flax, mayten, *Pittosporum crassifolium* (Pittosporum), rusty leaf figs, saucer magnolia, star jasmine, Victorian box, and yews. Paired plantings are also used in places to flank pathways. Black pines (*pinus nigra*) with calipers of 5' 3" and 5' 4" flank the entry to the east end of Building 2, and a single black pine with a caliper of 3' 11" aligned with this pair is located on the south side of the path approaching Building 4 **(Photograph 20)**.

Shrubs are planted at most, but not all building foundations. The width of shrub beds varies throughout, from four to fifteen inches wide. In the courtyards on the north and south sides of Buildings 2 and 4, shrubs align with some of the building columns. Shrubs are occasionally used to mark paths to building doors.

Throughout the station plantings tend to include a variety of species, but there are some streets lined with a single species of trees. This occurs more in the Administrative Core than other areas of the station. Single-species tree-rows in the Administrative Core include: evergreen elm and brush cherry in the quadrangle, black acacia on West Redline Avenue to the east and west of the entry mall, black acacia on Saratoga and Lexington streets, elms and western catalpa on West Midway Avenue, mulberry on West Essex Drive north of Building 17, sycamore on West Redline Avenue west of Building 60, carob on Pan Am Way, and two rows of poplar at the main entrance. In the BEQ quadrangle, the straight line of trunks and the lacy canopy of the evergreen elm trees, next to the perimeter path, create a shaded route unlike any other place on the base **(Photograph 21)**.

Many trees in the Administrative Core are mature and several decades old. Some of the younger trees, planted during the replanting project in the 1970s are noticeably smaller. There are many exceptionally large specimen trees throughout the area including: atlas and deodar cedars, carobs, Monterey pine, stone pine and several Monterey cypresses.



**Photograph 17:** Monterey cypress at northeast corner of large entry mall.



**Photograph 18:** Example of trees flanking building entries in the Administrative Core; yews at Wing 1, Building 2.



**Photograph 19:** Pairs of brush cherries at BEQ Building 4 entries. Brush cherries are also planted at the entries to BEQ Building 2.



**Photograph 20:** Black pines flanking path approaching east end of BEQ Building 2.



**Photograph 21:** Row of elm trees creates a shaded path along the perimeter of BEQ quadrangle; facing southeast toward north side of Building 2.

Three Monterey cypress and one Monterey pine remain from the tree line along the north border of the station and east of the Main Gate (**Photograph 22** and **Photograph 23**). The Monterey cypress trees have calipers of 18' 9", 13' 1", and 17' 5" and the Monterey Pine has a caliper of 9' 10". Two large rusty leaf figs on the north side of the BOQ (**Photograph 24**) have calipers measuring 18' 9" and 19' 2" and their canopies span 75'. Together the two trees create a strong visual impact in the space created by the wings of the building.

There is a twenty-foot high, multi-trunk myrtle, a slow-growing species typically maintained as a sheared shrub, north of the Chapel, Building 94. Other tree plantings include a group of seventeen closely spaced Italian cypress on the east side of Building 60, a group of three multi-trunk maytens near Building 16. Another threesome west of Building 3 is made up of two *Myoporum laetum* (Myoporum), one with a single trunk and one with a double trunk, and one double-trunked mayten (**Photograph 25**). Each tree in these groups is a mature specimen; the double-trunked mayten has calipers of 3' 10" and 2' 2", the double-trunked myoporum has calipers of 3' 6" and 2' 7", and the single-trunked myoporum has a caliper of 4' 9".

There are very few formal hedges used anywhere on the station. In the Administrative Core, the only substantial hedges are the oleander near the northeast corner of Building 2, the privet around the circular entry drive on the north side of the BOQ, and the boxwood on the south side of Building 60. There is also a hedge of *Westringia rosmariniformis* (Westringia) southeast of Building 7 that is noticeable because it is unlike any other vegetation elements in the Administrative Core. This species is not used elsewhere on the base and hedges are not used in the same way at other locations on the base. Informal hedges occur at the perimeter of the entrance mall lawns, mostly in the south lawn panel. Typically, these are of mixed species and are pruned in an undulating form with the greatest height in the middle of each mass. Almost no vines or ground cover plants are used in this area. Young vines planted near Buildings 525 and 585 both appear to be recent additions.

The formal L-shaped garden associated with the Officers' Club on the west side of Building 60 includes a rose garden on a north-south axis, and lawns surrounded by shrub beds with large, specimen trees northwest of Building 60, and in the space west of the building. A utilitarian shed-roof structure (Building 419), hidden from view of the garden, houses an outdoor kitchen with a large roasting pit. This small space reads as a private, intimate space used for social gatherings, however the viewshed north visually exposes the space to the Port of Oakland (**Photograph 26**).

There is a large and sculptural multi-trunk Hollywood juniper north of Building 60 that has 5 trunks measuring 6", 9", 10", 10", and 15". There is a formal, orthogonal entry on the south side of Building 60 and deep panels of lawn, and trees and foundation shrubs at either side.

Generally, the condition of most plants in the Administrative Core is good. Lawns are well-maintained in most areas. In some places lawns are heavily weed infested, but kept tidy by mowing. Essentially all shrubs are pruned to five feet or lower. Some trees within rows have died, leaving gaps. Some trees show decline from age – particularly the black acacia which is known to be relatively short-lived, and the elms on West Midway Drive Avenue, south of Building 2.



**Photograph 22:** Monterey cypress trees east of Main Gate, along north border of station.



**Photograph 23:** Monterey cypress trees east of the north entrance.



**Photograph 24:** One of the two Rusty leaf figs on the north side of the BOQ.



**Photograph 25:** Two *Myoporum laetum* (Myoporum) and one mayten west of Building 3 BEQ.



**Photograph 26:** Formal garden on west side of Officers' Club; Port of Oakland visible at left.

### Circulation

Circulation features in the Administrative Core accommodate pedestrians and vehicles. Streets traverse the area in an orthogonal pattern, aligned with the organizing axes (see **Illustration 1**). All streets in this area are two-way, some with parking on one or both sides of the street. West Essex Drive, along the main east-west axis, has diagonal parking down the middle of the road, bound at cross streets by asphalt-filled end caps (**Photograph 27**). Driveways throughout the area feed into parking lots and recreation areas. They are generally narrow and straight, however, curved, symmetrical entry-drives flank the west side of Building 3 / Building 63, and the north side of the BOQ.

The Administrative Core has a high concentration of the station's sidewalks and paths. Typical sidewalks in the area are concrete and have 6" concrete curbs. This area has the widest sidewalks on the station with 12' sidewalks along Saratoga Street, West Midway Drive, West Essex Drive, Lexington Street, Pan Am Way, and West Red Line. Portions of these wide sidewalks historically had planting strips that were paved over during World War II. At the north entrance the sidewalk is 20' wide before narrowing to 12'. There are sidewalks around the middle and south panel of the entrance mall, but none around the triangle. Prominent paths cross perpendicularly through the entry mall, curving around a circular planted area at the intersection of the paths. Two paths cross the BEQ quadrangle (**Photograph 28**) and a path runs parallel to the buildings that form the quadrangle. Matched wide paths approach each wing of Buildings 2 and 4 from within the BEQ quadrangle (**Photograph 29**). Throughout the area, asphalt has been used to patch concrete sidewalks.

Typical paths in the Administrative Core are straight, perpendicular to the sidewalk and lead directly to building entries. Paths leading to building entries vary in width; primary paths are between eight and forty feet and secondary paths are three to six feet wide. As paths approach building entries, some widen and some paths slope up to meet the bottom of entry stairs. Paths deviate from their straight route to curve around the cypress tree in the entrance mall, and north of Building 17 (**Photograph 30**).



**Photograph 27:** Diagonal parking in the middle of West Essex Drive; new cobra lights offset north of the main east-west axis.



**Photograph 28:** One of the paths crossing the BEQ quadrangle.



**Photograph 29:** Path adjacent to south side Building 4, within the BEQ quadrangle; matched wide paths, perpendicular to this path, approach entries to each wing of the building.



**Photograph 30:** Curved path on the north side of BOQ Building 17.

Although most paths in the Administrative Core are straight, with their widths calibrated according to the primacy of the building's entrance, there are a fair number of atypical paths present in the area. Some include materials other than concrete or asphalt, others deviate from the orthogonal pattern or appear to be paths added to an area. Paths around Building 60 have long bands of brick and exposed aggregate with redwood joints. There is a 33' wide concrete path with blue outdoor carpet and canopy structure leading to the former entry to the enlisted personnel club at the east end of Building 4. On the north side of Building 525 there is a 4' concrete path that has a 20" brick infill and empty tree wells. Another newer path, composed of staggered concrete panels, is on the south side of Building 7. Access to Buildings 2 and 4 from Lexington Street is provided by 15' wide paths that curve at the juncture with Building 3, mirroring the curved arcade that connects the buildings. Another curved path leads into a parking lot at Pan Am Way and West Redline Avenue. A narrow path, only 30" wide, runs east of the tennis courts near Building 75. There are also several atypical paths around BOQ Building 17.

On the west side of the BOQ a cross-shaped set of 6' wide paths mark the center of the space (**Photograph 31**). There is an axial 8' concrete walk aligned with the main door of Building 17, and a circular walk, 6' wide in the center of the crescent on the north side. A 9" diameter concrete footing with a nearby junction box sits in the center of the circle of lawn on the north side of the building.



**Photograph 31:** Paths cross in a small recreational area west of BOQ Building 17.

Circulation in and out of buildings is also facilitated by ramps within the Administrative Core. Two types of ramps are present, concrete ramps designed as permanent structures, and portable metal ramps. Concrete ramps lead to building entries on the south side of Building 1, the west, south, and east sides of Building 525, and in the alcove east of Building 18. They are also on the east side of Building 60, north side of Building 4 at wing 1, and west and east sides of Building 134. Portable ramps are present at the east side of Building 17, and west side of Building 2, wing 8. Another variation is a ramped path leading from Lexington Street to the east side of Building 4 and a ramped path leading from the quadrangle into the north entrance of Building 2, Wing 1. Large curb ramps give access to the entrance mall at the southwest and northwest corner of the south panel.

Water Features

There are no bodies of water within the Administrative Core.

Structures, Furnishings and Objects

The Administrative Core is dominated by the presence of buildings stylized architecturally in the Moderne style, however other structures and site furniture also characterize the area. The main entrance features a sentry house with the name of the facility on the north side, three concrete barriers, two steel barriers on wheels, painted blue ornamental iron gates with Moderne design, two wood benches integrated with Building 30 (a third bench has been removed), and sleeves for 6”-7” diameter bollards (bollards are lying on the ground nearby) (**Photograph 32**). The parking area just north of the gate is divided into two areas. The area east of Building 31 has two light poles (non-standard cast iron) and diagonal parking. West of Building 31 there is 2” x 12” wood barrier, one light (non-standard), several I-beam bollards and 6’ chain link fencing with slats.

Free-standing pots, and planters integrated with the building, particularly at building entries, are used throughout the Administrative Core. The trapezoidal-shaped free-standing pots, like the ones flanking the rear doors of Building 1, are found at various locations throughout the Administrative Core (**Photograph 33**). Raised, blue-painted concrete planters, rectangular or curved, and integrated with building architecture are common throughout the area, however other planter styles are also present. Concrete tiered planters are found at the south side of Building 94, and rounded, concrete planters are installed along Todd Street at Building 525. There are new, raised, colored concrete planters in the east alcove of Building 1 at seating height.



**Photograph 32:** Light pole in parking lot at Main Gate, sentry house (Building 31) and gate house (Building 30) in background.



**Photograph 33:** Example of trapezoidal-shaped free-standing concrete pots found in the Administrative Core; south side of Building 1.

Cream colored, raised planters with brick detail sit at the entry of Building 60. Planters along the foundation of Building 60 are 6' wide, 42" high and curved at the curved portion of the building façade. Brick planters west of Building 585 are 23' long at both sides of the building entry. Large, curved concrete planters east of wings 1 and 21 of BEQ Buildings 2 and 4 flank the sides of the large concrete Pegasus sculptures. Small utility structures and buildings are prevalent throughout the station, including within the Administrative Core. Chain link and metal prefabricated utility enclosures can be found at various locations throughout. Utility cabinets, air conditioning units, and irrigation equipment is also ubiquitous in the area. There are three unused utility poles north of the parking lot on the north side of Building 60.

Signage in the Administrative Core includes both aluminum and wood signs, some intact, some in a state of disrepair. There are low, aluminum exit signs near Building 7 and the posts and frame for a metal sign north of Building 17. A wooden sign marked "Albert H. DeWitt O'Club, Alameda Recreation & Parks Dept." and a two-sided, turquoise and cream painted metal sign that reads "O'Club", 6' high with 3' square posts mark Building 60. A painted blue metal sign, and a 1 - 4" square painted wood post that may have previously supported a sign are near the gate at the tennis courts.

Site furniture throughout the Administrative Core is primarily associated with utilitarian infrastructure such as trash receptacles, bicycle racks, seating, fencing, and lighting, or recreation areas. Various styles of trash containers are present at locations throughout the station. New bike racks have been installed at the main entry to Building 1. Wood benches are located on the south side of Building 94, at the southwest corner of Building 18, and by the west entrance of Building 16. Lighting fixtures throughout this area are generally single aluminum, cobra head lights as found on Lexington Street, Saratoga Street, Pan Am Way, and Todd Street. Double-headed lights are found on West Essex Drive and in the parking lot north of Building 60. Typical fences in the area include both temporarily, and permanently installed 6' or 8' chain link, some with slats, barbed wire, or pedestrian and vehicular gates. Atypical fences made of different materials, or at different heights are also present. Wood fences are present on the north and east sides of Building 60 (picket fence), and the north side of Building 17 (remnants). A vine covered fence along the west side of Building 60 forms the western boundary of the Officers' Club garden, and there is a 30" ornamental iron fence adjacent to the east entry of Building 4. Chain link fences of atypical heights are found near the tennis courts where they are 3', 10', or 20'.

Recreation equipment is installed in clustered areas in the Administrative Core. A cluster of recreational buildings and structures just east of the main entrance includes a concrete block restroom building with a blue gabled roof, a hexagonal, 50' across covered pavilion structure, and a basketball court, 60' x 90' of green and red composition concrete with striping (**Photograph 34**). This area is set up as a picnic area and includes twelve 6' tables with benches, one 3'-square table with four seats on a concrete pad, three metal barbecues post-mounted in concrete pads, three 6' benches at the picnic area and two at the poles for a badminton/volleyball net, a pole-mounted trash receptacle, and remnant of two horseshoe pits. Another rusted framework east of the main entrance may be remnants of a shade pavilion. Another small picnic area in the east alcove of Building 1 has picnic tables and a fountain. The BEQ quadrangle has twelve soccer goals, portable lights, watering equipment and two sets of bleachers. A barbecue, metal chin-up bar, and the remains of a horseshoe pit are outside Building 4, wing 19. The tennis courts near Building 75 are outfitted with a non-functioning, old Haws drinking fountain, a concrete trash container, a gate to the courts, and metal clock signs used to show game start times (**Photograph 35**).

A high concrete walled squash or handball court is located on the south side of Building 382. There is also a recreation area in a courtyard in the parking lot on the west side of Building 17. The courtyard is planted with lawn and bisected with bollard-lined concrete paths. A table and a low bench facing a stone fire pit sit in the southeast corner of the courtyard.

A high concentration of the station's monuments are located in the formal entry mall. Two of them reside in the triangular-shaped lawn panel at the north end of the entry mall. This area, lined with Poplar trees leading diagonally away from the entry gate, serves as a secondary focal point when looking north from Building 1. Building 521, a concrete pedestal similar to the one at the East Gate that still has an aircraft mounted atop, is located in the center of this panel. At the north point of the triangle sits a sign map constructed with two posts, a metal sign, and shed roof. At the south end of the entrance mall, a flagpole (Building 384) is installed on a circular concrete pedestal on a circular concrete pad, in line with the station's north-south axis. The concrete pedestal is painted blue and the flagpole is white with a cross beam. Two, identically shaped concrete monument sculptures with plaques affixed are the Historic Railroad Marker (Building 201187) and the Pan Am China Clipper Monuments, which flank the east and west sides of the circular concrete pad of Building 384. A smaller, lower granite monument with a plaque affixed sits in the lawn just northeast of the concrete pad marking the location of a Base Closure Time Capsule. Two large steel anchors flank either side of the main entry of Building 1. Monuments are located in two other areas of the Administrative Core are a 40' flagpole south of wing 10 of Building 2 and two granite features east and north of the BOQ. There is also a feature in the alcove formed by wings 8 and 9 of Building 2 that appears to be ordnance shell with its tip buried in the ground.

North of Building 60 a 1970s-style concrete paving, divided into a grid by 2" x 4" wood headers forms a patio. An outdoor sitting area and concrete ramp is integrated into the building architecture on the southwest corner of Building 18. A concrete plaza on the east end of the BEQ quadrangle is 95' x 75' and connects to three steps with 5' treads. Planters flank either side of the steps; one is empty and the other has a small Olive tree. The main entrance at Building 18 has a 50' x 25' sidewalk terrace, with a landing, and concrete walls and planter at the terrace edge.



**Photograph 34:** Recreational area east of the main entrance; hexagonal shade structure at left, restroom building left of path, basketball court behind trees at right; facing north.



**Photograph 35:** Site furnishings at tennis court near Building 75.

## SHOPS AREA

The portion of the Shops Area within the historic district is the rectangular area south of Administrative Core and is defined by Monarch Street to the west, West Tower Avenue to the south, Pan Am Way to the east and West Midway Avenue to the north. The remaining portions of the Shops Area located in the southeast corner of the station and west of the seaplane hangars / Seaplane Lagoon are situated outside the boundary of the historic district.

### Spatial Organization

Buildings, roads and paths in the Shops Area are laid out in the station's characteristic orthogonal pattern, in relation to the organizing axes. The primary north-south streets in the Administrative Core continue through this area and end at West Tower Avenue. The main north-south axis continues south through Building 1 and into the Shops Area through Building 39 and some of the formal arrangement of buildings found in the Administrative Core extends into this area. The buildings that face Saratoga Street and Lexington Street are set back and have deep panels of lawn, similar to those that face the entrance mall (**Photograph 36**).



**Photograph 36:** 2005 aerial photograph showing the portion of the Shops Area within the boundaries of the historic district.<sup>3</sup>

The scale of the buildings in this area varies dramatically from small shed structures to Building 5, which is a massive structure measuring 920' x 780' feet. Buildings 8, 9, 91 and 92 are each 170' wide. Their façades are aligned, and together they form a large rectangular complex that occupies one half of a block. Aligned building façades throughout the area provide spatial definition. The density of development in this area is consistently high.

Some spaces within the Shops Area do not have strong spatially organizing features. Most notably is the area north of Building 5 where there is a space 145' across, paved with asphalt and differentiated only with faint lines to indicate the intended driving lane. There are no curbs, sidewalks or rows of trees organizing this vast space. The space south of Building 5 is similar. This area is 235' between the south façade of Building 5 and the north façade of the hangar buildings south of West Tower Avenue.

<sup>3</sup> 2005 Alameda County Aerial, State of California's GIS website page "CAL-ATLAS GEOSPATIAL CLEARINGHOUSE," available at [www.atlas.ca.gov](http://www.atlas.ca.gov).

The area west of Building 5 also lacks clear spatial organization. This area is broken up by an assortment of eight small buildings and chain link fencing. The west sides of Buildings 42, 43 and 44 are aligned, however, other nearby buildings and the fencing, detract from that spatial definition.

Many areas within the Shops Area are entirely paved with a combination of asphalt and concrete. Space between Building 5 and Building 2 is a wide swath of asphalt and concrete paving with no curbs (**Photograph 37**).



**Photograph 37:** Space between north side of Building 5 and Building 2.

Land uses in the Shops Area includes parking, storage of equipment, trailers, and truck trailers, pedestrian and vehicle circulation, day care recreation, recreation, loading docks, trash and recycling areas, and bus stop waiting areas.

#### Views and Vistas

The views and vistas from within the Shops Area encompass elements of the built environment of NAS Alameda and elements exterior to the station. Extended views along the primary north-south streets running through the area, Monarch Street, Lexington Street, Saratoga Street, and Pan Am Way, allow views of the Oakland Harbor to the north, and the Seaplane Lagoon to the south. The seaplane hangars, Seaplane Lagoon, and bay beyond are in view all along the southern edge of the area. Building 5 obstructs most of the western views from within the Shops Area, however there are views of the City of San Francisco from the west side of the building. Eastern views along West Midway Avenue take in the residential area East Bay hills and along West Tower Avenue.

#### Topography

The Shops Area is essentially flat.

Vegetation

Planting in the Shops Area is much less dense than in the Administrative Core. Only the areas adjoining the primary north-south axis have a deep setback planted with lawn, foundation shrubbery, and some trees. A much higher percentage of the area is paved or covered by buildings because of the utilitarian function of this area (**Photograph 38**).

Plant types in the Shops Area include twenty-four species of trees, and forty species of shrubs and perennials. Tree types include five coniferous species, nine deciduous trees, and nine broadleaf evergreens. Only one species is noted for its flower display. There are an assortment of fruit bearing trees at Building 607, and two avocado trees growing south of Building 10. There are greater numbers of evergreen and coniferous trees and shrubs than species that lose their leaves in winter. Only western catalpa, sycamore and black acacia are used in more than one location. No particular species of shrub is used in great number.

There are few rows of single-species in the Shops Area. Tree rows include a double row of young sycamore between Buildings 73A-B and 607, and a row of privet west of Building 114. There is a group of three western catalpa at the northwest corner of Building 6 and a similar grouping at the northeast corner.



**Photograph 38:** Most of the Shops Area is paved; view showing Building 92 at the intersection of Pan Am Way and West Ranger Avenue.

Some trees present in the Shops Area, around the buildings adjacent to the north-south axis, are mature and several decades old and there are several relatively young trees planted around Buildings 73A-B and 607. Large specimens include four black acacia west of Building 8 with trunk diameters of 24” to 27”, the western catalpas north of Building 6, and a large deodar cedar at Building 114. There is Monterey pine at Building 546 with a 36” caliper, and another with a 60” caliper at Building 114. There is one, lone tree on the north side of the block between Lexington Street and Monarch Streets – a large elm, the same species that is planted in a row on the north side of West Midway Drive Avenue.

Lawn is planted in deep setbacks at Buildings 6, 8, 62, and 114, similar to the way lawn is used in much of the Administrative Core, and each of these buildings also has foundation shrubbery (**Photograph 39**, **Photograph 40**, **Photograph 41**, and **Photograph 42**). Elsewhere there are some areas where weedy grasses are being mown. Planting

strips between the curb and sidewalk on West Midway Avenue have been filled in with asphalt paving. Elsewhere there are no sidewalks and no evidence of planting strips having existed.



**Photograph 39:** Vegetation at northwest corner of Building 6, looking south along Lexington Street at intersection with West Ranger Avenue.



**Photograph 40:** Vegetation on west side of Building 8, along Lexington Street.



**Photograph 41:** Vegetation on the north side of Building 62 along West Midway Avenue.

There are many fewer shrubs in this area than in the Administrative Core or the Residential / MWR Area, and they tend to be planted in narrower shrub beds. One exception is a large variety of shrubs that have recently been planted around Buildings 73A-B and 607. Many of these shrubs are found only at this location. Building 607 also has raised planter boxes for growing vegetables.

Paired plantings are present at building entries in a few locations echoing the common treatment used in the Administrative Core. *Virburnum* are planted at either side of the east entry to Building 62, and there is a pair of *tawhiwhi* at the west entry of Building 114. On the west side of Building 6, two, 4' square wooden planters mark the building entrance, and on the north side two small, round concrete planters mark an entry.

There are no hedges in this area, few ground cover plantings, and only one vine – a wisteria on the north side of Building 62.

Generally, the condition of most plants in the Shops Area is good. Lawns and grasses are kept tidy by mowing and most shrubs are pruned.



**Photograph 42:** Vegetation on west side of Building 114, facing south down Lexington Street.

### Circulation

Circulation features in the Shops Area primarily accommodate vehicles and secondarily accommodate pedestrians. The north-south roads in the Administrative Core continue into the Shops Area. East-west roads in this area are straight, and perpendicular to the north-south roads, conforming to the orthogonal layout of the Administrative Core. All are two-lane, one in each direction.

Most of the area around buildings in the Shops Area is vast paved spaces, without curbs or other obstructions (see **Photograph 38**). Where they occur sidewalks are generally 12' wide, however, many places do not have sidewalks, curbs or gutters, and there are several exceptions to the 12' width. Sidewalks are present on West Midway Avenue, on Sunrise south of Building 86, on both sides of Saratoga Street, on Lexington Street at Buildings 7, 32, 62, and on Ranger Avenue at Lexington Street. A 6' sidewalk on West Midway Avenue is adjacent to an asphalt parking strip and a low curb. One 8' sidewalk occurs at West Ranger Avenue and Saratoga Street. There is a curb but no sidewalk on Pan Am Way east of Buildings 91 and 92. The sidewalk on West Midway Avenue is 6' plus a 6' asphalt planting strip west of Building 73. West of Buildings 43 and 44 the sidewalks are 6' wide.

Paths leading to building entries in the Shops Area are not set at a uniform width. Three paths 4', 5', and 12' wide lead to Building 114 entries, two paths 12' and 3 1/2' wide approach Building 8, a 10-20' wide wedge-shaped path leads to an entry at Building 607, and two paths 2' and 4' wide, lead to Building 102.

Curbing throughout the Shops Area is also not uniform, with different heights and styles of curbs present, and some locations without any curbs. Several places in the Shops Area have low curbs measuring 2 - 4", and other places have rolled curbs. Rolled curbs occur on West Tower Avenue, and the east side of Pan Am Way. A 9" high x 4" wide curb occurs north of Building 114. A curb with wheel stops divides the parking lot east of Building 32. There are no curbs

north of Building 32 and cars park over the sidewalk. Concrete curbs and wheel stops also occur south of Building 119. There are a few old handicap ramps in this area at various locations including south of Building 62. In the parking area east of Building 607, 8" curbs running north-south and east-west in the parking area leave a 24" and 30" asphalt "walkway" on the street side of these curbs.

Loading and access ramps are present in scattered locations through the Shops Area. Some but not all building corners have access ramps. There are slight ramps up to doors on the south side of Building 114. Concrete access ramps are located at the south side of Building 62 and the south side of Building 42. The Building 42 ramp also has steel railing. New access ramps have been installed on all corners at Pan Am Way and West Midway Avenue along with clearly marked crosswalks.

Discontinuous railroad tracks occur south of Buildings 9 and 10, east of Building 91, and running north-south from Sunrise to West Midway Avenue.

#### Water Features

There are no bodies of water within the Shops Area.

#### Structures, Furnishings and Objects

Buildings within the Shops Area do not display the stylized architectural detail to the degree found in the Administrative Core, nor do they exhibit the standardization and uniformity present in the Residential / MWR Area (**Photograph 43** and **Photograph 44**). These buildings are more utilitarian in design and appearance and the structures present in the area are generally associated with the Shops Area. Structures include bollards, a bus stop, signs, lights, fencing, utility enclosures, storage, recreation equipment, containers, irrigation equipment, and several other utilitarian features.

Utilitarian structures are present throughout the Shops Area. Many sets of steel bollards surround various utilities throughout the Shops Area. Some bollards are round, some are I-beams, and many, but not all, are painted yellow. A 5' x 8' raised vault with bollards is located north of Building 614. Other utilitarian features include Building 624, a shed with a tall communications tower, metal rail and 2 hook-shaped vents at the northeast corner of Building 10, shipping containers north and south of Building 92, and various irrigation equipment where there is planting. Play equipment is installed outside the daycare located in Building 73A and portable basketball standards west of the day care. Two large tanks sit north of Building 500. Also north of Building 500 are two concrete walls that measure 5' wide, 24" high, and 85' long, and another wall measuring 45' long, 3' wide, and 24" high. These structures are spaced 12' apart.

Other furnishings, not directly associated with the area's functioning are a rusted, large, sculptural object west of Building 607, two exposed aggregate pots and a concrete birdbath north of Building 6, two 4' x 4' wood planter boxes west of Building 6, and benches, bike racks, a veggie box, a trash container, and a kiosk-type sign at Building 607. Three 6' wood planter boxes and three pots adorn the exterior of Building 92. A shade structure is present on the south side of Building 405.

The northeast corner of West Midway Avenue and Saratoga Street serves as a small transportation interchange with a bench, and a bike rack at the bus stop.



**Photograph 43:** Modest examples of Moderne architectural styling are found within the Shops Area; Building 8, facing southeast.



**Photograph 44:** Other buildings in the Shops Area are constructed in a simple, functional style; Building 114, facing northwest.

Signage in the Shops Area generally indicates the names of existing tenant activities. The Alameda Point Collaborative displays a wood sign, the Alameda Fire Department has a wood sign with an ornamental boulder, and the Alameda Civic Light Opera is designated with a sign on the west side of Building 35. A variety of street and traffic signs are present throughout the area. All lighting in the area is cobra head lights which occur on West Essex Drive, Lexington Street, Saratoga Street, Pan Am Way, Ranger Avenue, West Tower Avenue, and West Midway Avenue east of Building 607.

Fencing in the area is either permanent or portable, 6' or 8', chain link fencing, with and without fabric, located throughout. South of Building 5, a 6' portable fence blocks West Tower Avenue. Variations in fence type are present between Buildings 8 and 92 and between Buildings 8 and 9, where 12' fences with barbed wire are installed. Buildings 73A and B have 6' wood fences with acrylic panels that allow for visibility. There are several chain link utility enclosures of various sizes, with and without slats, with and without barbed wire throughout the area.

The only monument within the Shops Area is a 35' aluminum flag pole, without a flag, north of Building 6.

Hardscaped architectural details are scarce in the Shops Area, but they do occur in some locations. Buildings 62 and 35 have concrete architectural elements at their entries and Building 62 has a formal entry on the south side.

#### RESIDENTIAL / MWR AREA

The Residential / MWR Area within the historic district is located in the northeast corner of the station and includes the Officers' family housing and CPO family housing areas built during the original construction of the station. The newer family housing and MWR area along the east side of the base and at the south end of the base are not within the boundaries of the historic district.

#### Spatial Organization

The Residential / MWR Area of the historic district is bound by Barbers Point Road to the northwest, Pearl Harbor Road to the northeast, a jagged line to the east that roughly follows West Essex Drive and Pensacola Road, and Corpus Christi Road to the south. It is sub-divided into three types of housing: Officers' Housing, CPO Housing, and family housing (outside the historic district), each type with its own spatially organizing features. Each grade of housing is separated from the other with park-like open spaces. These occur between West Essex Drive and Pensacola Road and between the south side of the houses that face Corpus Christi Road and West Midway Avenue. A large open space, now a community garden, is where the three types of housing meet (**Photograph 45**).

The density of development in the residential area is generally uniform, but there are subtle differences. The CPO Housing has a greater density of development than the Officers' Housing. The Officers' Housing area has the highest ratio of open space per occupant in the residential area. These are the only homes in the Residential / MWR Area placed in the middle of large expanses of lawn. The lack of property line fences allows this area to read as one, large park-like open space.



**Photograph 45:** 2005 aerial photograph showing the northeast portion of Residential / MWR Area within the boundary of the historic district.<sup>4</sup>

The alignment of roads between the Officers' Housing and the rest of the station are slightly misaligned at the intersections of Pan Am Way with West Redline Avenue and West Essex Drive (**Photograph 46**). This slight offset sets the Officers' Housing area visually and spatially apart from the rest of the station. Also, West Midway Avenue curves sharply south east of Pan Am Way as it enters the residential part of the station.

The layout of streets and sidewalks in the Officers' and CPO Housing areas are strong organizing features. The street layout is notably different in each housing type. Streets in the Officers' Housing are evenly spaced and gently curving within an egg-shaped area, while streets in the CPO housing are straight, orthogonal and run primarily east - west (**Photograph 47** and **Photograph 48**). The Officers' houses are oriented with their front façades facing northeast, away from the station. Houses in both areas are spaced evenly from one another and set back uniformly from the street (**Photograph 48** and **Photograph 49**).

<sup>4</sup> 2005 Alameda County Aerial, State of California's GIS website page "CAL-ATLAS GEOSPATIAL CLEARINGHOUSE," available at [www.atlas.ca.gov](http://www.atlas.ca.gov).  
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**Photograph 46:** Offset alignment of roads at junction of West Redline Avenue and Pan Am Way; facing east.



**Photograph 47:** Officers' Housing showing curvilinear layout of roads and planted parking strip.



**Photograph 48:** CPO Housing showing straight alignment of roads, density of development, and uniformity of siting from street and from one another; also note planted parking strip.



**Photograph 49:** Officers' houses ("Big Whites") are sited uniformly from the street and from one another.

Trees contribute to the spatial organization of the Residential / MWR Area, but the degree to which they do this varies significantly. Rows of single species trees on Pensacola Road and Corpus Christi Road reinforce the strong orthogonal layout of the street, sidewalks and buildings. A row of mulberry trees defines the north side of the park along West Essex Drive, but similar mulberries on Barbers Point Road are too few in number to make a strong edge. Elsewhere trees are planted in mixed groups, diminishing their organizing quality. The random layout and mixed species of trees in the Officers' Housing conveys a "park-like" quality.

Neither fences nor hedges are used anywhere to separate the three types of housing from one another. Each type of housing is distinguished without relying on such divisions.

Land uses within the Residential / MWR Area of NAS Alameda include vehicular and pedestrian circulation, private backyards, ornamental planting, a park and tot lots, dumpster storage, trash and recycling bins, open space, clothes drying, storage / corporation yard for community gardens, and recreation.

#### Views and Vistas

Views in the Officers' Housing are limited to internal views of neighbors because of the curving streets, except at the park where there are views to the west down West Essex Drive. On the northwest edge of the Officers' Housing, from Barbers Point Road, there are views of the Port of Oakland and the associated cranes and containers. There are views into the community gardens, and the park between the Officers' Housing and CPO Housing from various locations. Along Corpus Christi Road, on the southern edge of the CPO Housing there is a view of San Francisco through the space south of the CPO Housing.

#### Topography

The Residential / MWR Area is essentially flat.

#### Vegetation

Planting in the Residential / MWR Area is the densest of the entire station. There are more trees (729 recorded), and a greater variety than any other area. There are also many more shrubs and perennials in the residential areas.

Plant types include sixty-four species of trees and ninety-one species of shrubs and perennials. Tree types include eleven coniferous species, twenty deciduous trees, thirty-one broadleaf evergreens and two species of palms. More species are noted for being flowering trees than in other areas, and there are more fruit bearing trees here, primarily in the community gardens. As in the other areas of the station, there are far greater numbers of evergreen and coniferous trees and shrubs than species that lose their leaves in winter.

More than other areas, tree species in the Residential / MWR areas are used in multiple places. Tree species frequently used include: black acacia, atlas cedar, Washington thorn, Monterey cypress, silver dollar eucalyptus, Australian tea tree, crabapple, myoporum, Italian stone pine, *Pittosporum eugenoides* (no common name), Victorian box, sycamore, Lombardy poplar, locust, coast redwood, brush cherry, and elm.

Rows of single-species trees are not characteristic in the Officers' Housing or CPO Housing areas, however, some exceptions do occur. There are rows of Washington thorn in the front yards of the CPO Housing, and a row of eight mulberries on the north side of the park. Rows of locust have been recently planted on Seattle and San Diego Roads. There are four sycamore planted in a row on the south side of Pearl Harbor Road, plus two additional sycamore on the north side. Australian tea trees are planted at either side of the parking lots east and west of Building 178 in the CPO

Housing area and around Building 95, near the Officers' Club (**Photograph 50** and **Photograph 51**). A prominent row of sweet gums marks the north side of the entry at West Midway Avenue.

There are many large specimen trees throughout the area, particularly the several specimens of Italian stone pine in many different locations, including eleven in the space between the CPO Housing and the family housing to the south. Similarly, there remains a large grove of trees south of the Commanding Officer's house that provides a curtain of vegetation between than house and the family housing area (**Photograph 52**). There are large atlas cedars planted in front of ten "Big Whites" including the five homes that face San Pedro Road. Other trees include a mixed group of five large trees in the park, a date palm on the north side of Unit M of the Officers' Housing, and a grove of Monterey cypress and one yew with a 3' 9" caliper at the front of the Commanding Officer's house (**Photograph 53**).

The age of trees in the Residential / MWR Area is mixed. Some new trees have been planted either to replace removed trees or as additions or improvements to the landscape.

Lawn is prevalent throughout both the Officers' and the CPO Housing areas. Lawns, generally deeply setback, are green and well maintained in these areas. The extent of lawn and lack of dividing fences or hedge rows creates a "park like" character in the Officers' Housing area. Generous areas of lawn surround these homes on all sides, similar to the buildings in the Administrative Core (**Photograph 54**). Lawn is planted and maintained in the planter strips between curb and sidewalks. The front yards of the CPO homes are planted with lawn and foundation shrubs except for three lots where current residents have replaced the lawn with drought tolerant gardens. The lawn has also been removed east of Pan Am Way between Corpus Christi Road and West Midway Avenue for a community garden when these buildings were being used by military families.

A large variety of shrubs are planted around the Officers' Housing, many of which appear to be relatively young. As in other areas of the station, there are few hedges. There is a two-species hedge in front of the Commanding Officer's house, and a recently planted row of photinia shrubs in the planting strip of West Midway Avenue that will form a hedge as it matures.

Each Officer and CPO house has a wooden planter box for private use. The Big Whites have planters on the front porches and the CPO Housing units have planters in the rear yards.

There are three community gardens associated with the CPO Housing area that are now part of the Alameda Point Community Collaborative. The smallest is on Pan Am Way between West Midway Avenue and Corpus Christi Road and includes twenty fruit trees and an assortment of shrubs and perennials. There is a fenced area surrounding Building 178 that is mostly vegetables. This area has a "corporation yard" to the west with supplies and equipment for the garden. The third and largest community garden is east of Building 550, just outside the boundary of the historic district.

In addition to the park that separates the Officers' and CPO Housing, there is another small park-like space north of Barbers Point Road between Buildings 176 and 493. This area is planted in lawn and has a half court for basketball. There is also a large open space north of the community garden near Building 550.

Generally, the condition of plantings in the Officers' and CPO Housing residential areas is good. Lawns are kept irrigated and are well-maintained except as noted. There is a dead pine in the park, and another dead pine and a stump south of Sunrise Court.



**Photograph 50:** Australian tea trees bordering parking lot west of Building 178, in the CPO Housing area.



**Photograph 51:** Australian tea trees around Building 95.



**Photograph 52:** 2005 aerial photograph showing grove of trees around Commanding Officer's house.<sup>5</sup>



**Photograph 53:** Yew tree at right, Quarters A, Commanding Officer's house.

<sup>5</sup> 2005 Alameda County Aerial, State of California's GIS website page "CAL-ATLAS GEOSPATIAL CLEARINGHOUSE," available at [www.atlas.ca.gov](http://www.atlas.ca.gov).



**Photograph 54:** Typical example of broad expanses of lawn, and dense planting around Officers' Housing.

### Circulation

Circulation elements in the Residential / MWR Area are designed to accommodate vehicle and pedestrian traffic. Roads in the Officers' Housing are two-way throughout, and not wide enough to park along the side without obstructing a lane. The CPO Housing also has two-lane roads, however they are not as narrow as the curved roads in the Officers' Housing. Curbs in both areas are mostly rolled with an integral gutter.

Asphalt driveways slope up to meet the floor of attached garages in the Officers' Housing. Parking in the Officer's Housing northeast of Pearl Harbor Road is in attached carports and off street spaces without carports. Rolled curbs in much of the Officers' Housing transitions to 6" curbs at the entrance to parking bays. An asphalt parking bay and an area top-dressed with gravel is located near the community garden on Barbers Point Road.

Sidewalks in the Officers' Housing and CPO Housing are typically 4 1/2' concrete sidewalks that parallel 6" curbs and planting strips along roads. At corners sidewalks widen to 8' or 12'. Sidewalks occur at front sides of homes, not in backyards where lawn comes up to the curb. There are no sidewalks on the south end of Barbers Point Road, around the bean shaped planting island south of Unit L, and in the park.

Paths in the Officers' Housing consist of 4 1/2' paths to front doors, 30" concrete paths to secondary entries, and 4' concrete paths from driveways to front patios. Homes northeast of Pearl Harbor Road, outside the boundary of the historic district, do not have paths to the front doors from sidewalks; instead paths come off of the driveways. Paths leading to the front doors of the CPO Housing are 4 1/2' wide, similar to the paths in the Officers' Housing. Secondary paths are either 34" or 24" wide and lead to smaller, concrete front porches (no tile). The CPO Housing area also has a couple of concrete ramps and one wooden ramp.

Water Features

There are no bodies of water within the Residential / MWR Area.

Structures, Furnishings and Objects

Buildings in the Officers' Housing and CPO Housing areas are characterized by their uniformity in design and layout. Structures in the same area include fencing, lighting, utilitarian site furnishings, signs, storage sheds, patios, and a basketball court.

In the Officers' Housing, 6' chain link fences with white slats enclose private backyards. Deviations include a new 6' wood fence at Unit L, and 6' wood fence with lattice at unit G. Generally, fencing encloses an area immediately adjacent to each unit and leaves open space between. The fencing between Units A and B, and between units A and C, does not leave open space between these properties. The CPO Housing does not have fencing (**Photograph 55**).

Lighting in the area is typically cobra head fixtures on aluminum poles. On Barbers Point Road a few lights are painted marine blue.

Patios are characteristic features of the exteriors of both the Officers' houses and the CPO's houses. The Officers' patios are blue, tiled patios at the front doors, with wood planter boxes 10' long x 30" wide, painted white. Patios northeast of Pearl Harbor Road, outside the historic district, are smaller and not tiled. CPO units have 12' x 16' concrete patios in the backyards, with wood planter boxes. Officers' houses also feature 8"- 11" wide concrete curbs, sloping up to the house, defining planting areas at the front yards (**Photograph 56**). Front porches and elevated driveways are accessible by concrete steps.

Site furnishing in the Officers' and CPO Housing is generally an eclectic mix of AC units, electrical enclosures, patio furniture, clotheslines, pots, trash and recycling containers, kids play equipment, tire swings, an American flag, mailboxes, door mats, and steel and plastic storage sheds. The wood planter boxes in CPO rear yards are 12' long x 2' wide. There are the remains of an ornamental iron structure southeast of Unit N. Clothes lines occur in the rear yards of the CPO Housing, some in use, but most just white, metal posts without lines. Other structures in the area include a sign marking the Alameda Point Collaborative Community Garden, some wood storage sheds approx 8' x 10' in Officers' Housing, and a utilitarian feature on a red pole in the open space north of the community garden on Barbers' Point.

A half basketball court is located on Barbers Point Road east of Building 176, and an unknown utilitarian concrete structure north of Barbers Point Road at Pearl Harbor Road.