

INTRODUCTION

The March Field Air Museum exhibits a diverse range of approximately 107 aircraft and more than 30,000 individual artifacts that cover almost a century of aviation history.

From the delicate fabric-covered biplanes of the First World War era to the contemporary and sophisticated jet fighters of today, the museum encompasses a wide variety of aircraft and an extensive collection of robust helicopters from the Vietnam period and cutting-edge unmanned aerial vehicles that are expected to dominate future battlefields.

March Field Air Museum is a non-profit 501 (c)3 charitable organization and a member of the American Alliance of Museums.

SPECIAL EVENTS

Air Show - Annual - Food trucks and beer garden

March Field Wing Ding -Annual - Evening of casual fun, period music from the Riverside Swing Ensemble, 1940s costume contests, drink and sampling of food from local restaurants and caterers.

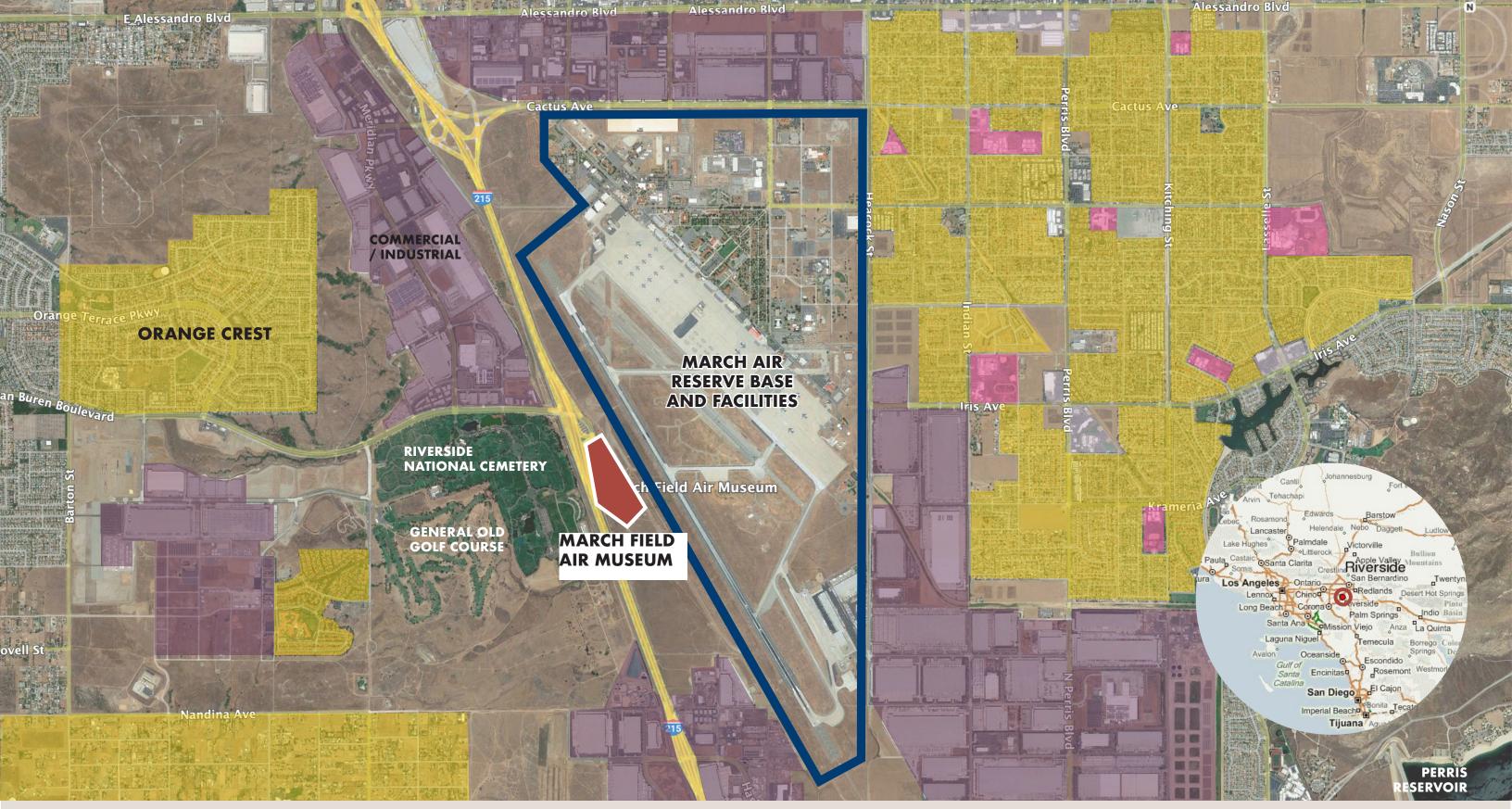




ADDRESS 22550 Van Buren Blvd, Riverside, Ca 92518 Opened February 20, 1981 MUSEUM HOURS Tuesday-Sunday, 9 a.m. to 5 p.m.







RESIDENTIAL

COMMERCIAL - INDUSTRIAL

SCHOOLS - EDUCATIONAL FACILITIES

SITE LOCATION AND CONTEXT

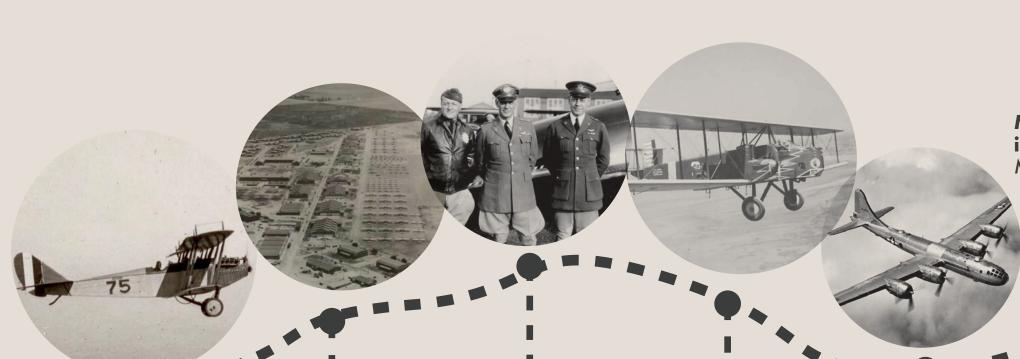




3 MEMORIAL GARDEN

MARCH FIELD HISTORY TIMELINE

1993 **March Field** Museum moves to its current location



1917-1918

Construction an airfield at Alessandro Field, renamed March Field March Field closes in honor of Second Lieutenant Peyton C. March, Jr.

On May 15, the first JN-4D "Jenny" takes off from March Field.

1921-1923

Activities phase down at March Field in accordance with sharply reduced military budgets. its doors in 1923 with one sergeant left in charge.

1926

Creation Army Air Corps.

Reopening of March Field in March of 1927.

1931

March Field becomes an operational base

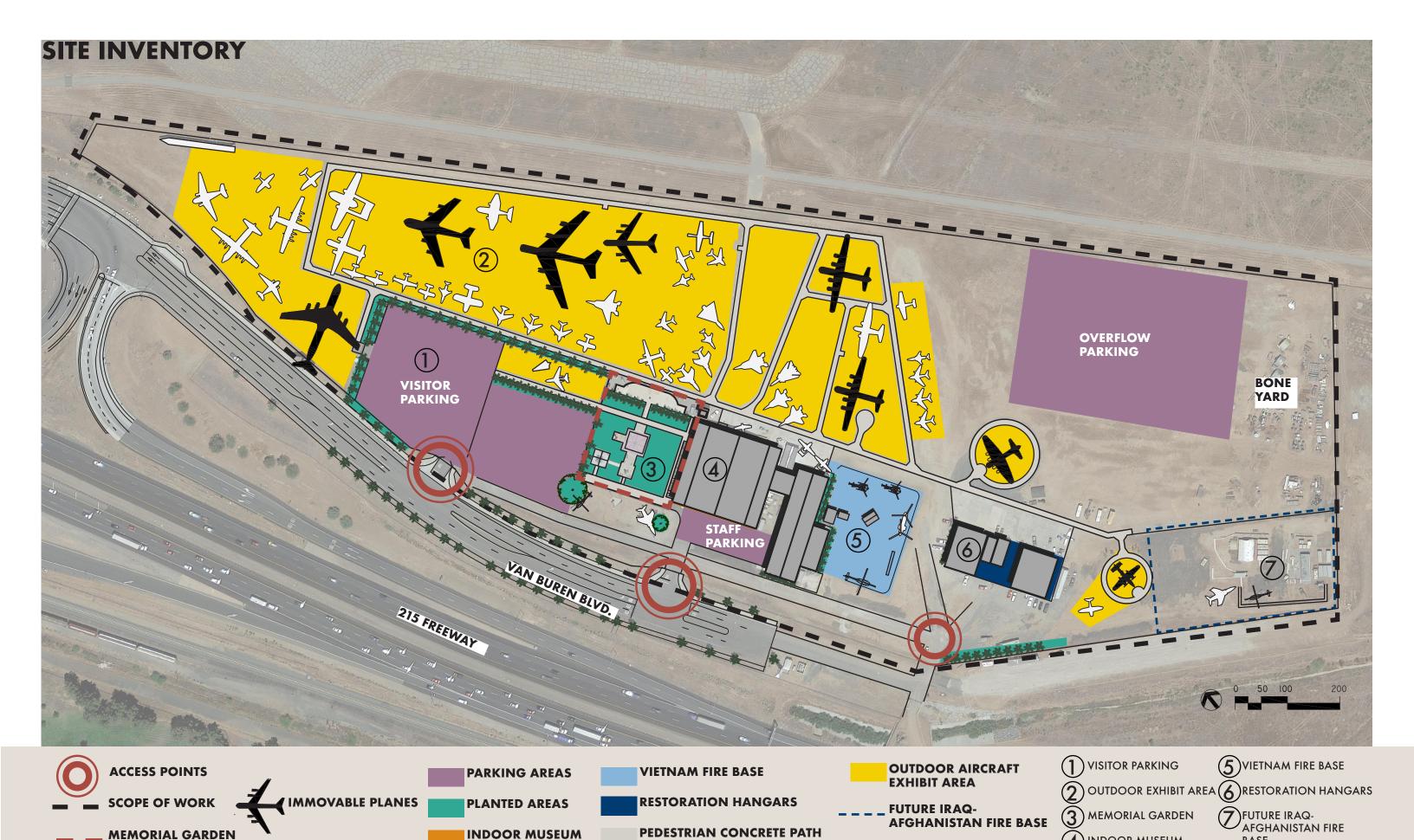
The 7th Bomb Group brings its Condor B-2 and Keystone B-4 bombers to the field.

1941

After the attack on Pearl Harbor, March Field becomes a major center for training heavy bomber crews.

March Field Museum is established in the March base theater. 1996 The base is renamed March Air Reserve Base.

1979



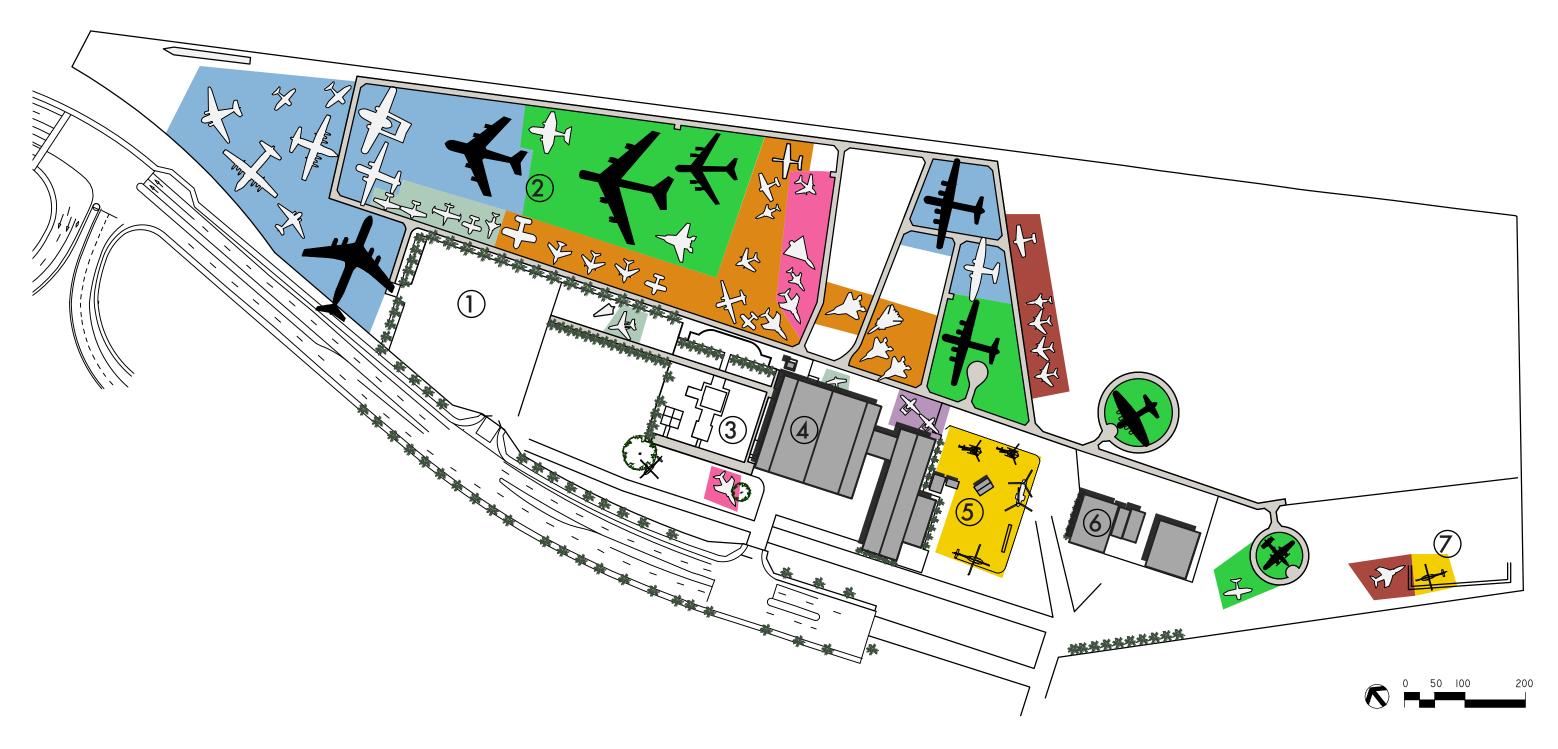
4 INDOOR MUSEUM

BASE

INDOOR MUSEUM

MEMORIAL GARDEN

SITE INVENTORY - AIRCRAFT



	2. TRA AIRCR		3. ATTACK - FIGHTER - INTERCEPTOR			4. SOVIE AIRCRAF		5. BOMBERS		6. CENTURY SERIES 8. HE		8. HELIC	OPTERS	1 VISITOR PARKING	5) VIETNAM FIRE BASE	
= ♥װששװע C141	R50-5	SNJ-4	7-38	A-4	RF-4	A-37	MIG-15	MIG-17	B-1 <i>7</i> B-29	B-25 B-47	F-100 F-102	F-101 F-104	UH-1 HH-34	AH-1 OH-6A	OUTDOOR EXHIBIT ARE	A B RESTORATION HANGARS
C23	C-47	BT-13	T-39	A-7	A-9	F45	MIG-19	MIG-21	B-52	B-57	F-105		OH-58		MEMORIAL GARDEN	I
C-131 C-119	KC-135 KC-97	T-33 T-37	C-152	A-1E F4	A-26 F-14	F-89	MIG-23	AN-2	FB-111	D3 VAL	7. OBSE	RVATION	UH-1D			AFGHANISTAN FIRE
C-45 C-54	HU-16 U9			F-84	F-86						0-2	, ,			(4) INDOOR MUSEUM	BASE

SITE STRUCTURES





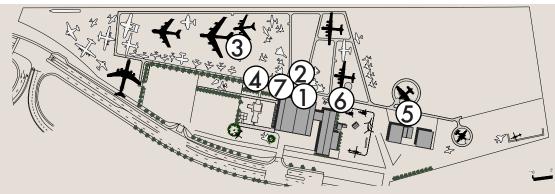












SITE PICTURES















THE AIR SHOW



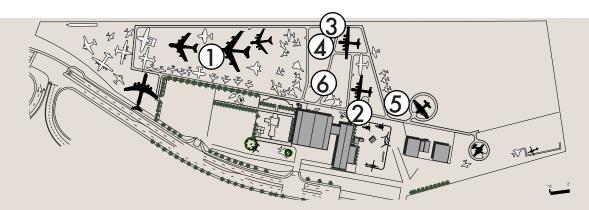












VIETNAM LOCATION EXHIBIT: FIRE BASE ROMEO CHARLIE













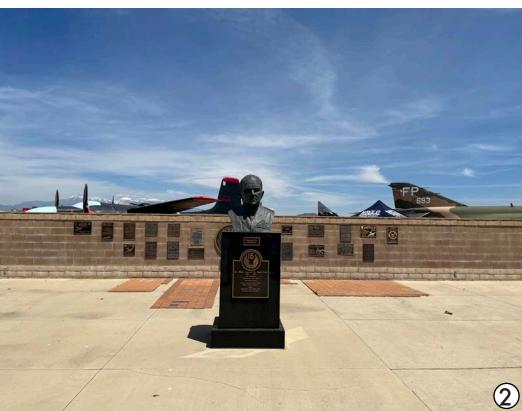






HERITAGE COURTYARD















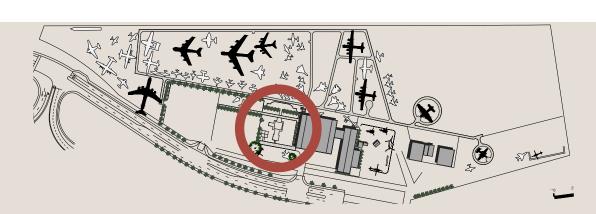


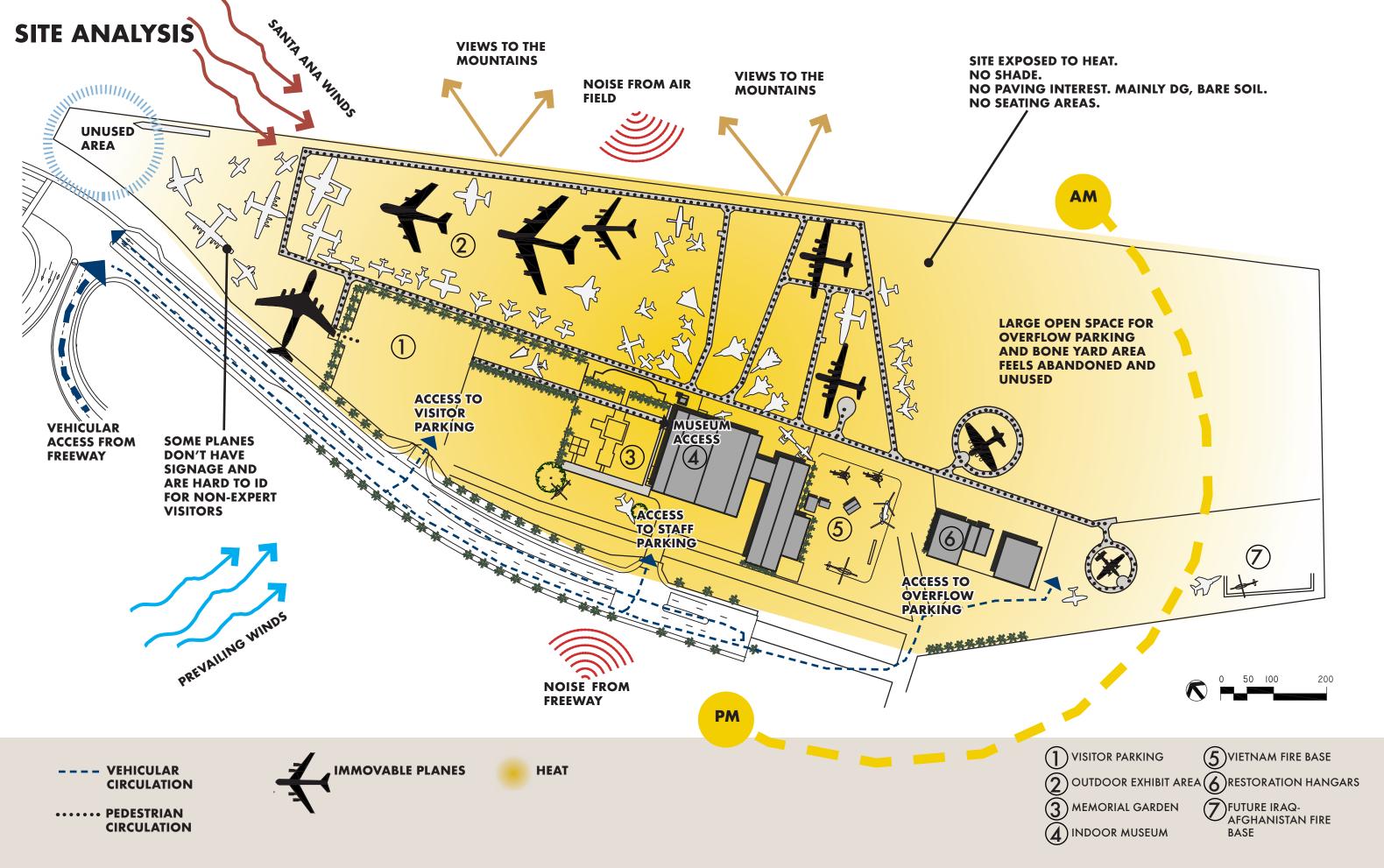


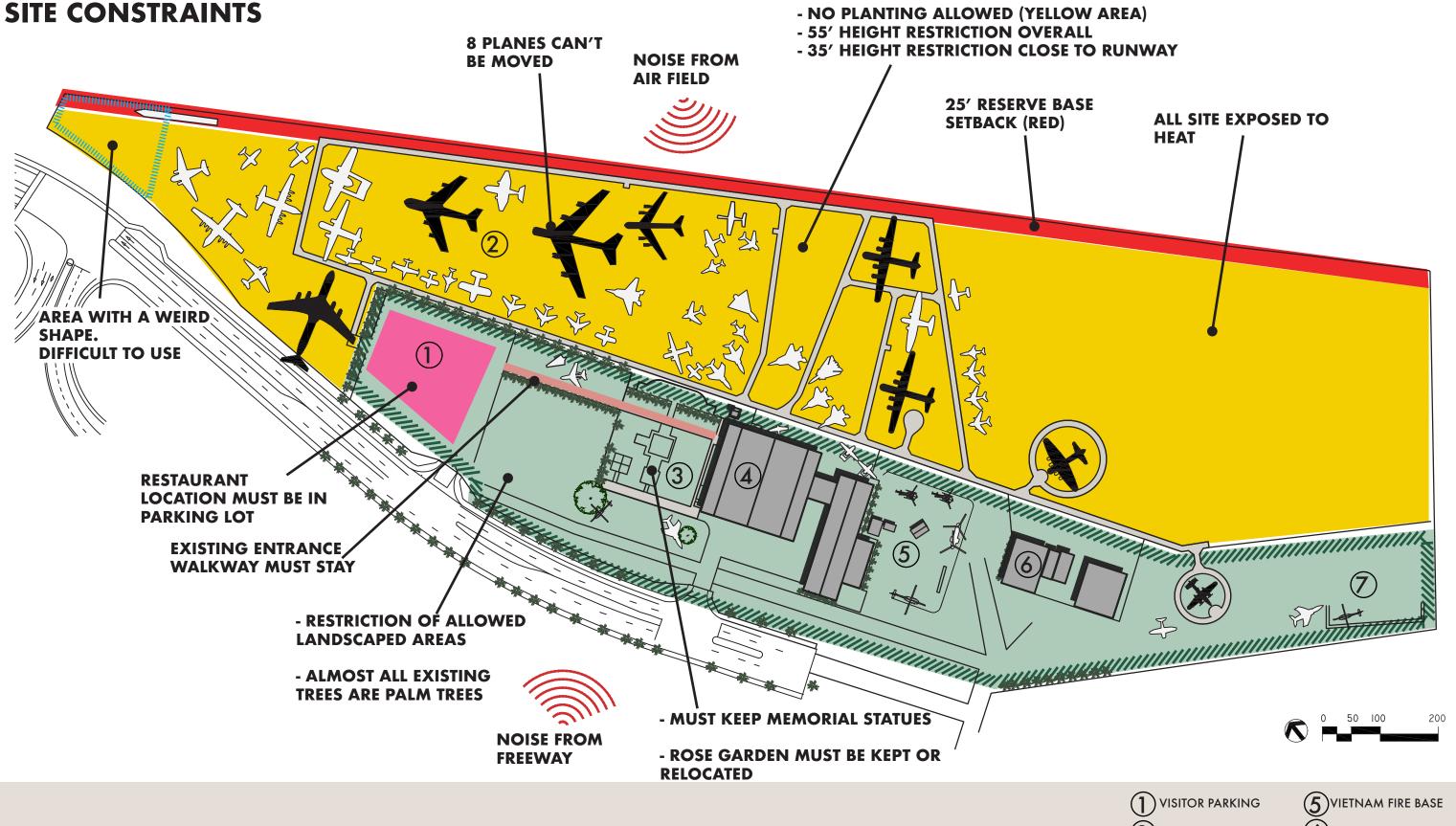
- Overall view of Memorial Garden.

 Memorial elements feel sparse and not part

 Landscaped area feels unattended and lacks interest. High water of the same design.
- Memorial sculpture for James H. Doolittle with memorial wall behind. Interesting view of planes showing above the wall.
- high maintenance vegetation.
- Freedom shrine with missile and flag on the background. Feels unattractive and dry.
- 56 Veterans memorials.
- Dogs memorial. Dog names written on tiles
 - (9) Veterans names written on tiles on the floor.









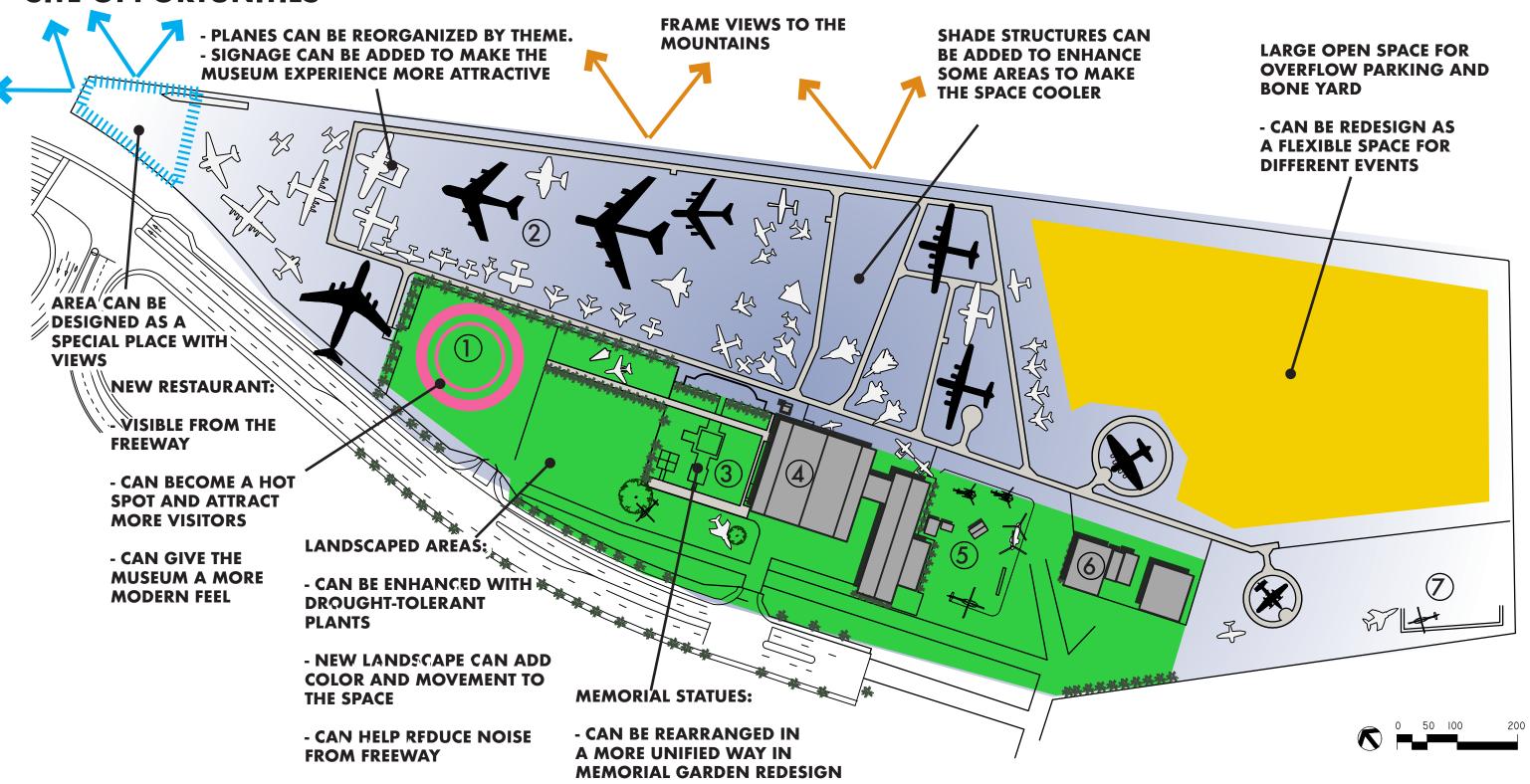
(2) OUTDOOR EXHIBIT AREA (6) RESTORATION HANGARS

(3) MEMORIAL GARDEN

(1) INDOOR MUSEUM

FUTURE IRAQ-AFGHANISTAN FIRE BASE

SITE OPPORTUNITIES





(1) VISITOR PARKING

(5) VIETNAM FIRE BASE

OUTDOOR EXHIBIT AREA (6) RESTORATION HANGARS

(3) MEMORIAL GARDEN

FUTURE IRAQ-AFGHANISTAN FIRE BASE

PROGRAM



PARKING

- Redesign existing parking lot
- ADA parking, employee parking, RV parking, bus drop-off
- Adaptive Reuse of the Overflow Parking Area



MEMORIAL

- Expansion and redesign of the existing Memorial Plaza
- A dedication space to General Hap Arnold
- A flag court for formal ceremonies



SHADE

- Shaded passive use areas throughout the site
- Provide shaded viewing of outdoor exhibit areas



AIRCRAFT

- Reorganize planes by theme or chronologically to enhance the museum experience



FIRE BASE STATION

- 2 Fire Base Stations in addition to the existing Vietnam era FBS; one representing the Iraq/Afghan conflicts, a second representing a WWII Philippines Fire Base



- Redesign circulation around planes
 Create a grand entrance and gateway to the site



NEW PROGRAMS

- A Grand Mall that can double as a flexible gathering space
- Restaurant in the front parking lot
- Kids play area



SIGNAGE

- Examples of signage from street and freeway
- Interpretive signage on buildings and planes

PROJECT STATEMENT

Honor the history and technological advancements of aircraft, creating a space that presents to visitors the human perspective of war in a non-glorifying manner.

CREATE AN EDUCATIONAL AND ENGAGING EXPERIENCE



Develop a clear and concise exhibit plan that is attractive and easy to navigate.

ATTRACT DIVERSE AND NEW USERS

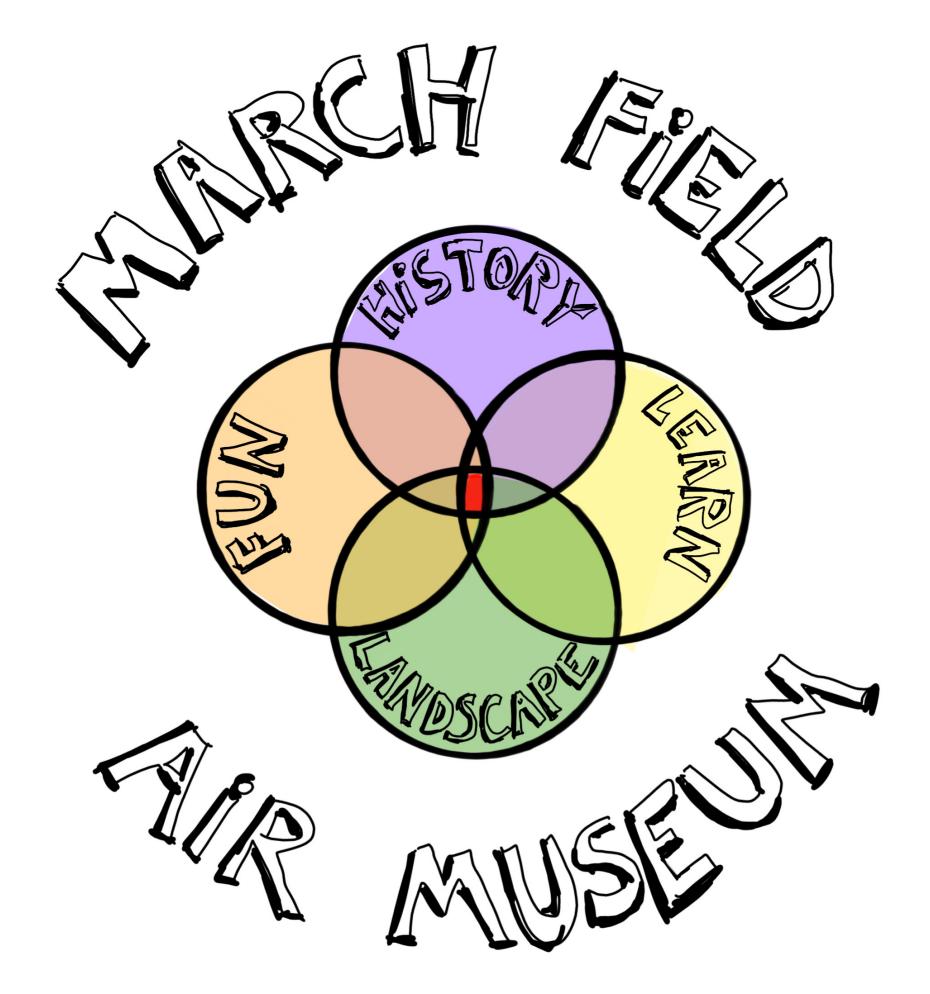


Make the exhibit accessible and inclusive, with content that appeals to a diverse audience of all ages and backgrounds.

HONOR AIR FORCE VETERANS



Create an exhibit and a memorial that promotes empathy and understanding for all those affected by war, including soldiers, civilians, and their families.



AIR MUSEUM PRECEDENT STUDY FLUGAUSSTELLUNG P. JUNIOR

LOCATION: Hermeskeil, Germany

OUTDOOR AREA: 18.7 acre

Four Halls, 38,750 sqft **INDOOR HALLS:**







- Dynamic walking paths define areas for planes and seating.
- The **cafeteria** is inside a replica of a Concord plane.
- You can take a peek inside the flight deck from the outside via stairs.
- Attractive logo and signage make the place feel fresh and modern.

AIR MUSEUM PRECEDENT STUDY

SOUTH DAKOTA AIR AND SPACE MUSEUM

LOCATION: 2890 Dave Dr, Ellsworth AFB, SD 57706. At the

entry of Ellsworth Air Force Base.

YEAR: 1992



- and colors makes the place more attractive where vegetation is not allowed.
- Use of low drought-tolerant vegetation add color

- A variety of paving materials with different textures and movement to the space with minimal maintenance.

- Outdoor exhibit is divided into three different "branches" coming from the central area, making it easier for the visitor to choose a path and take time to appreciate

each plane.

- Signage on each aircraft educates visitors about the planes and their history. Signage at the entry shows a map with a key of all the aircraft.

MEMORIAL PRECEDENT STUDY

KOREAN WAR VETERANS MEMORIAL

LOCATION: 900 Ohio Dr SW, Washington, DC 20024

AREA: 95,830 sqft

YEAR: 1995





- Simple geometry makes the memorial a unique and recognizable monument, where every shape has a meaning.

- A water feature is a bold statement

that can enhance a place where vegetation an ethnic cross section of America is limited.

- Full-scale **soldier statues** make us think of the **human factor** in war, representing with 12 Caucasian, 3 African-American, 2 Hispanic, 1 Asian, 1 Native American.

- The **vegetation** under the statues

symbolizes the rice paddies of Korea.

- The **remembrance wall** with names is elevated from the ground making it accessible and easy to read.

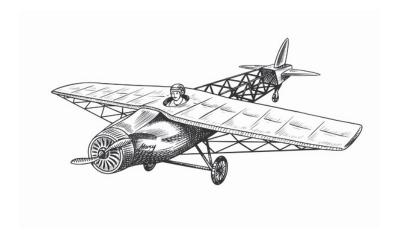
INCLUSIVE DESIGN PRECEDENTS

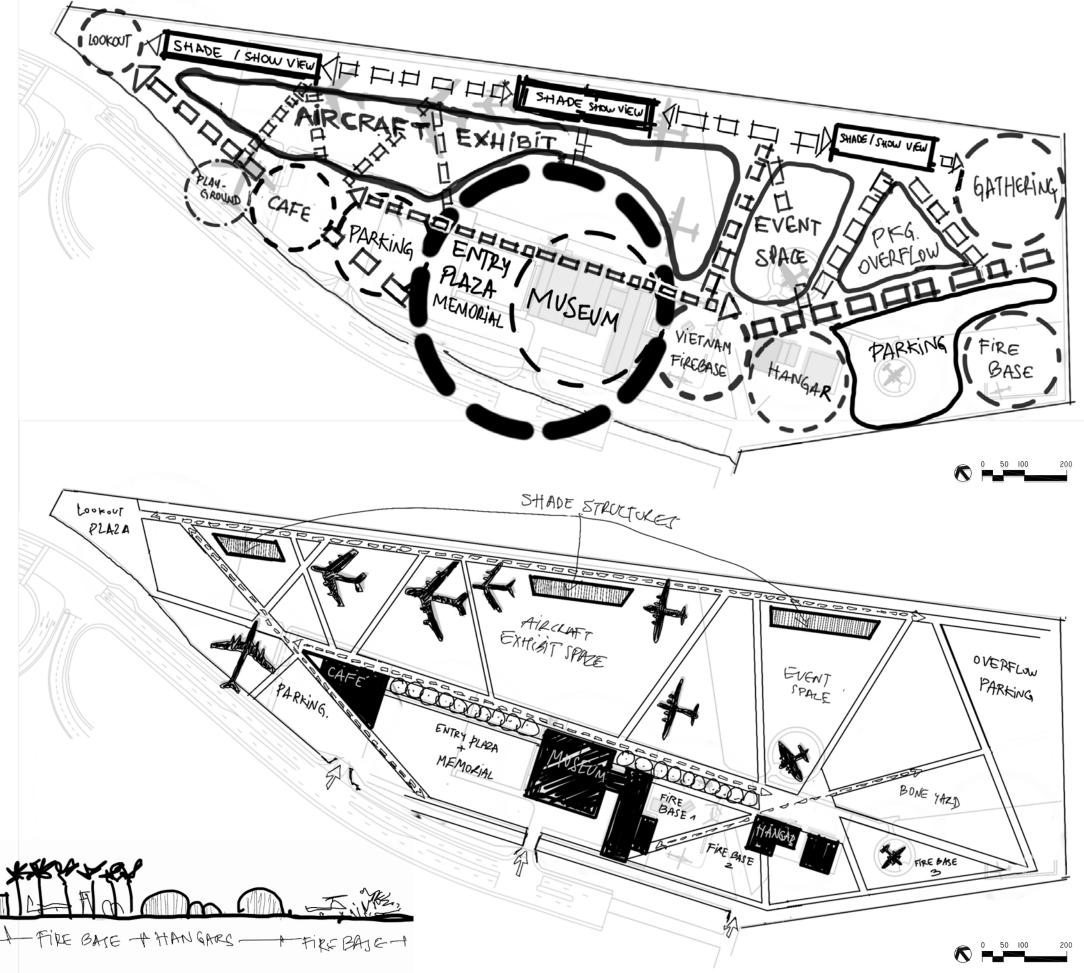


- 1. Museo Aeronáutico Tiflológico (Spain) has tactile plane models for people with visual disabilities and at wheelchair height.
- 2. Soldiers Memorial Military Museum (St. Louis, Missouri) was renovated to be universally accessible.
- 3. Vietnam Veterans Memorial wall was
- designed at wheelchair height, also suitable for children.
- in Pennsylvania, who lost one leg in WWII. National Cemetery.
- 5. WWII Vet Reunites with C-47 (Ohio). He can touch the plane from his wheelchair.
- 4. William "Wild Bill" Guarnere memorial 6. Braille flag installed at Jacksonville

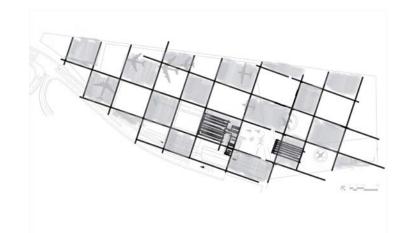
CONCEPT 1 - BIPLANE

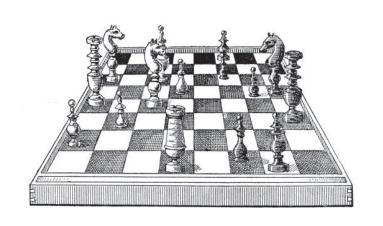


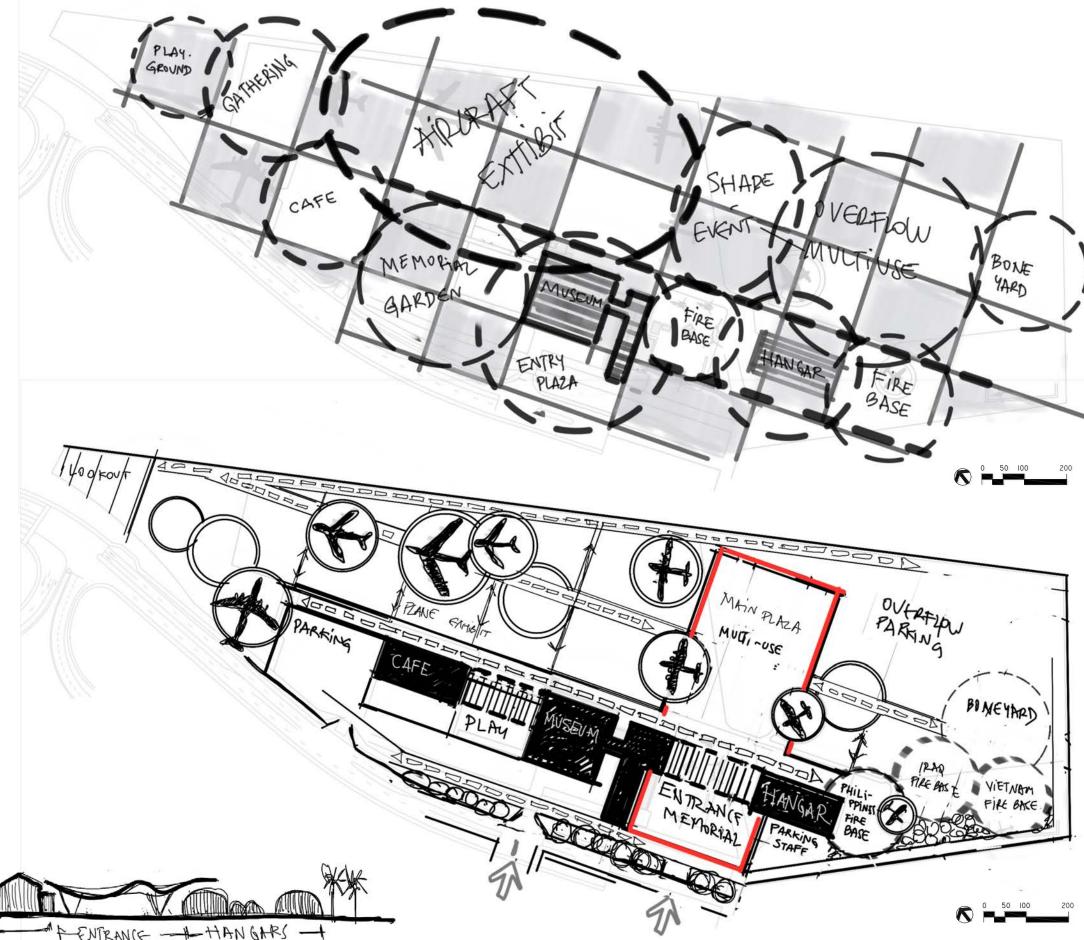




CONCEPT 2 - CHESSBOARD

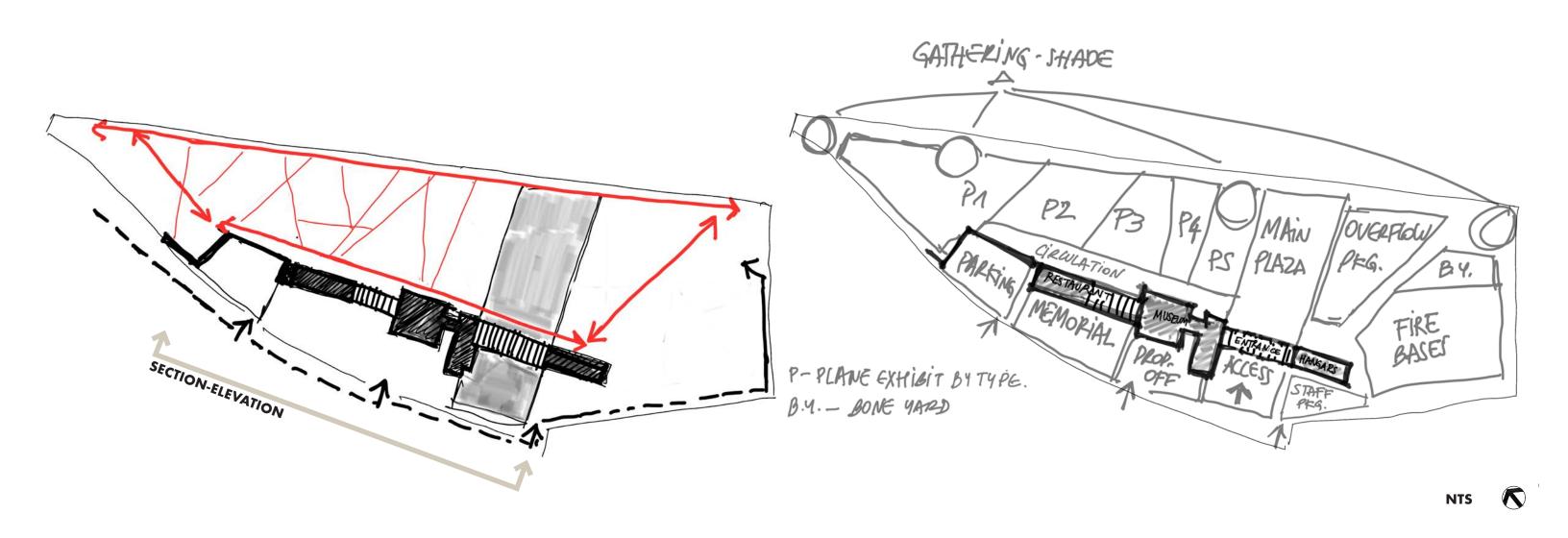


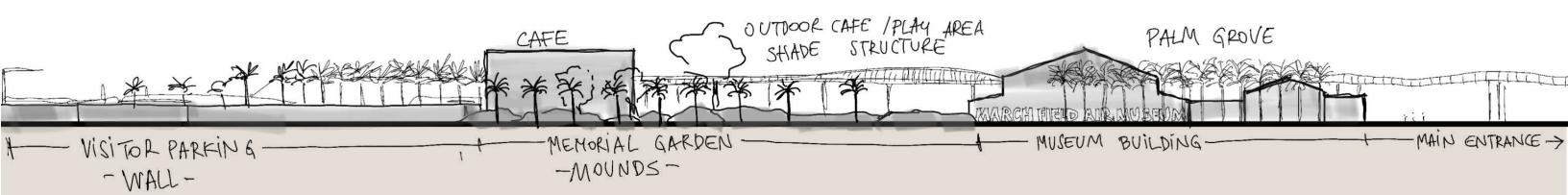






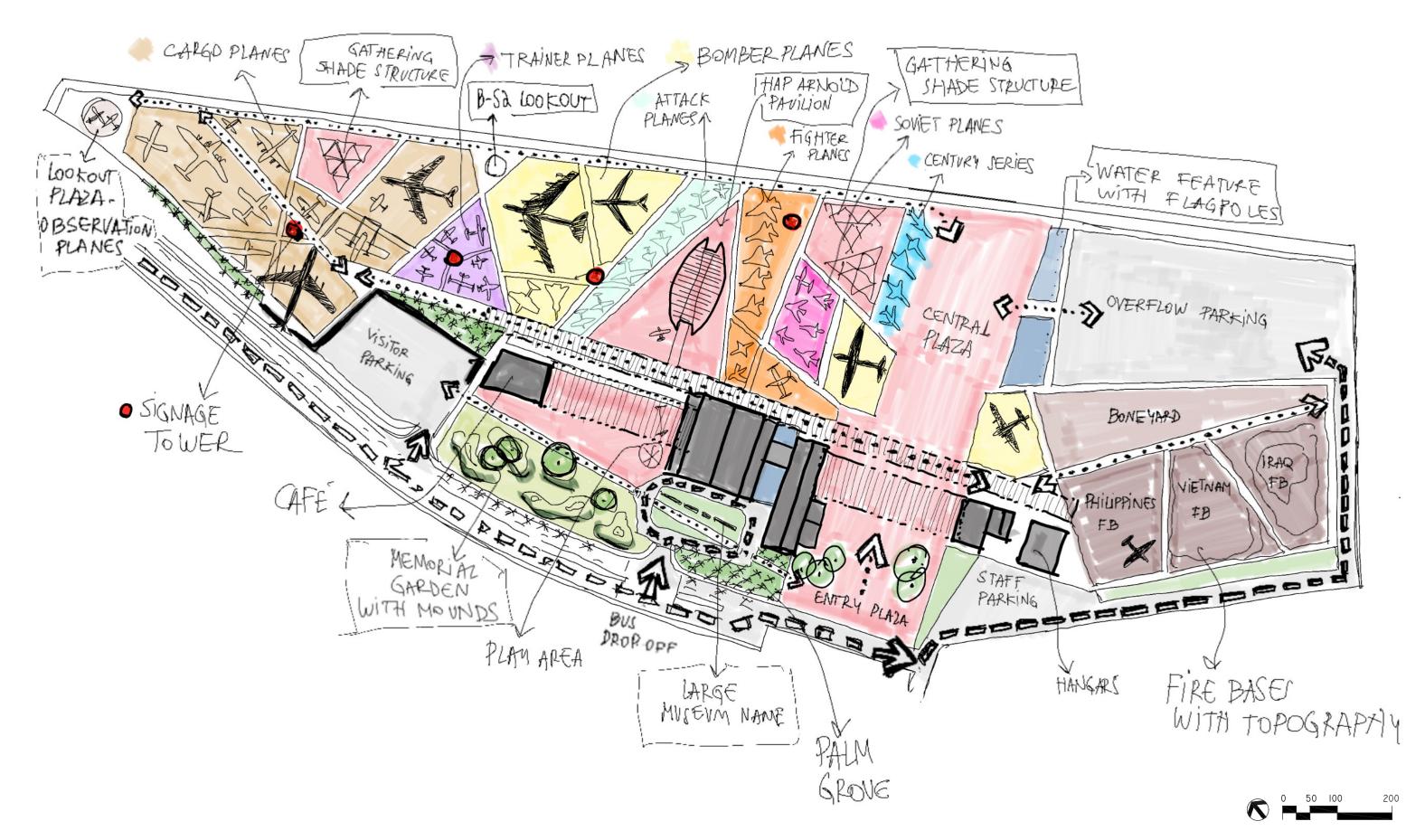
FINAL CONCEPT





SECTION-ELEVATION FROM STREET

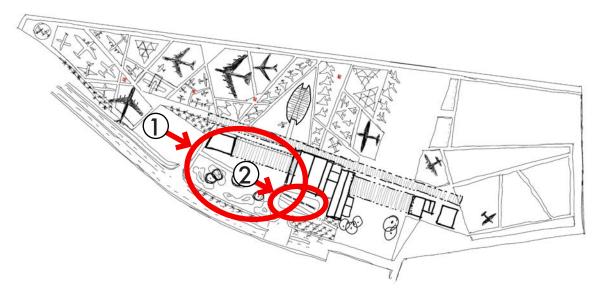
FINAL CONCEPT



PEDESTRIAN WALKWAY FROM VISITOR PARKING TO MAIN ENTRANCE

The memorial garden (left) is a peaceful place to sit and contemplate. Mounds separate it from the street an create an intimate space.

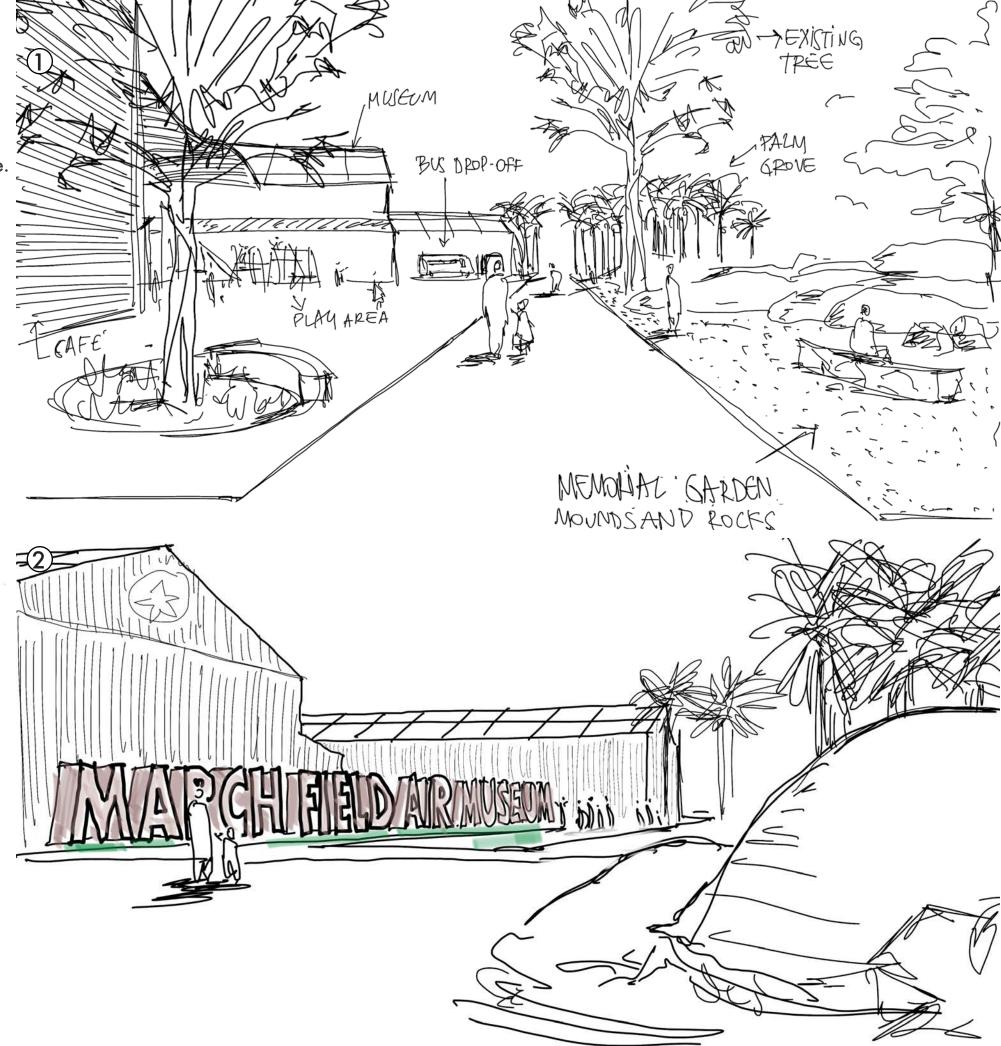
There's a play are between café and museum building. The palm grove on the background is bisected by walkway.



MUSEUM SIGN

Large sign with museum name at the bus drop-off area, and on the way from the visitor parking to the entrance.

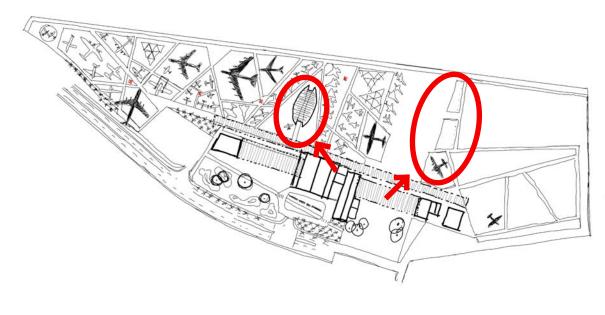
People can take pictures with the sign and the museum building on the background.



Main plaza has a water feature and flagpoles that can be used as background for formal ceremonies.

It is also the access point from the overflow parking.

B-17 is the first plane visitors see when entering the site.

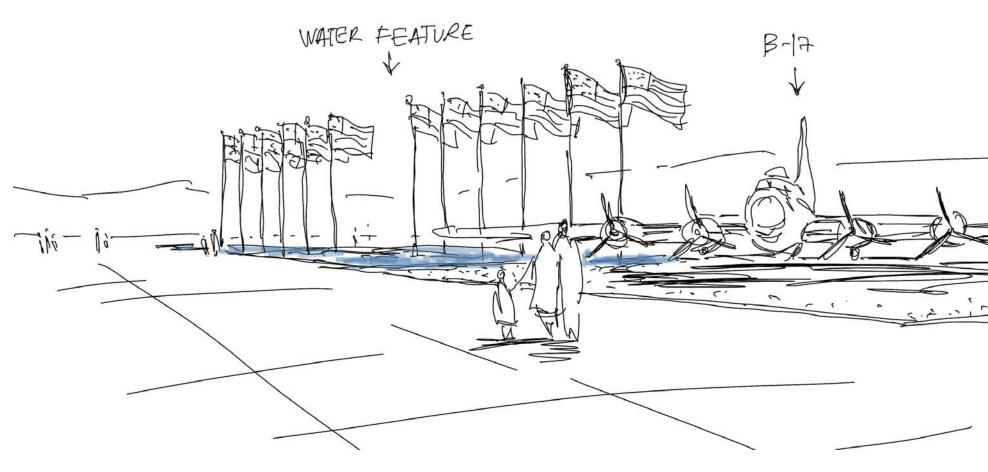


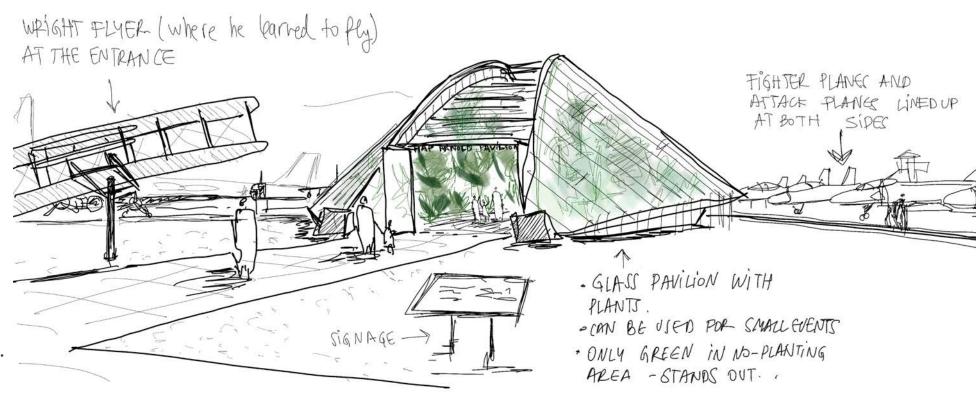
HAP ARNOLD PAVILION

A unique indoor space with lush greenery between the planes.

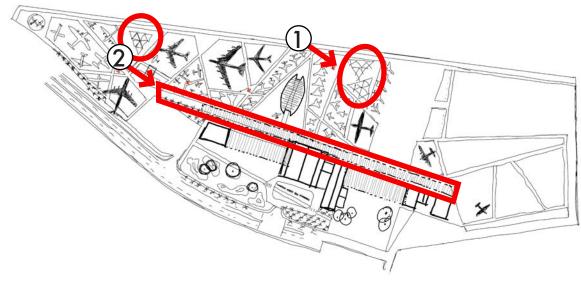
At the entrance, the Wright flyer represents the beginning of his

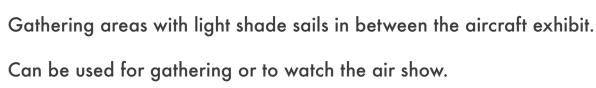
The greenhouse symbolizes the ranch where he lived after retirement.

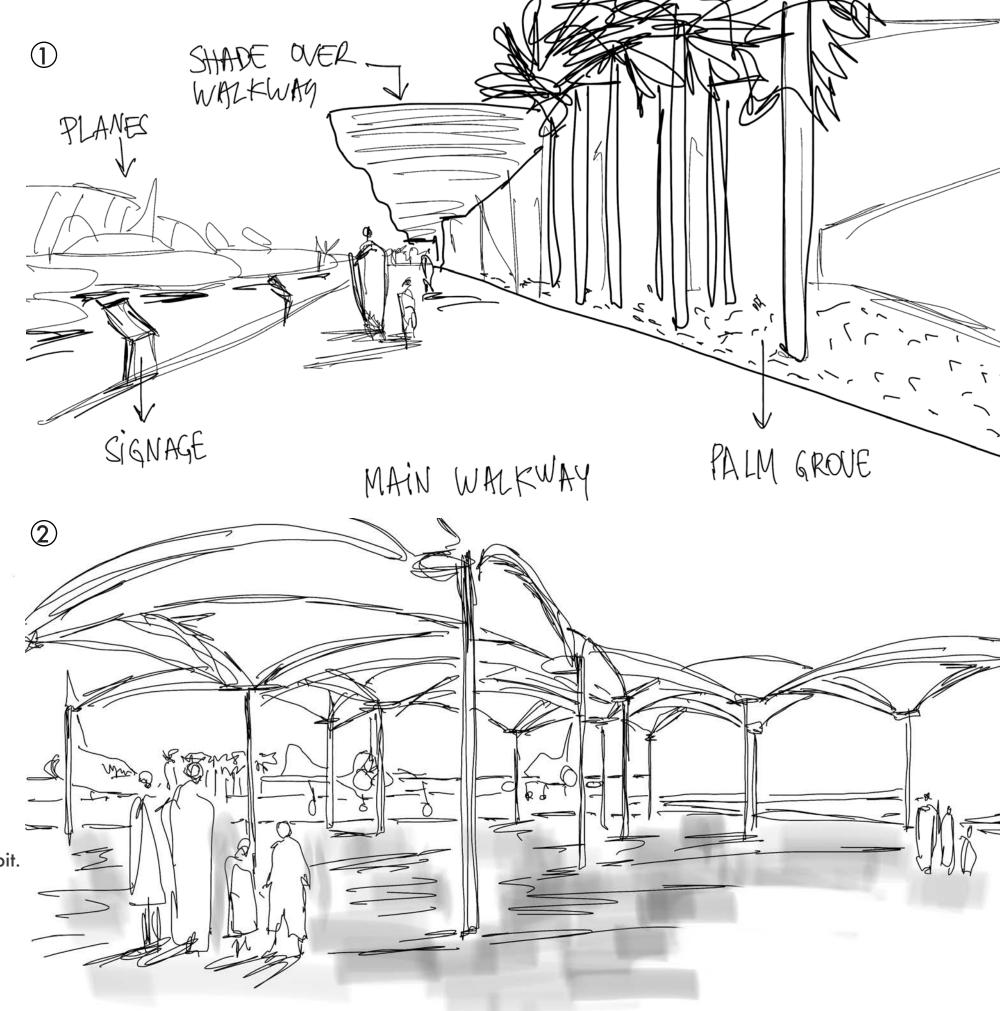




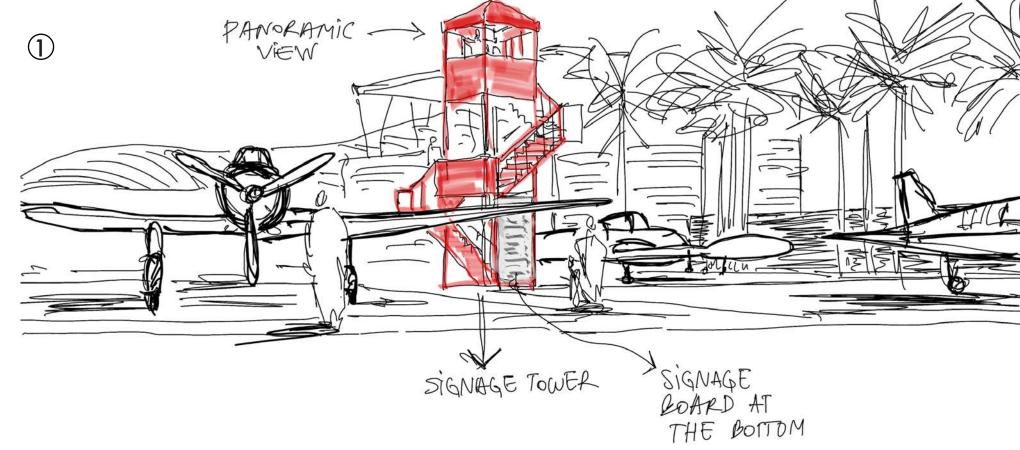
SHADE STRUCTURES

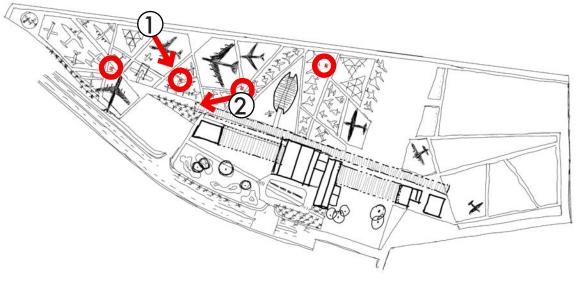


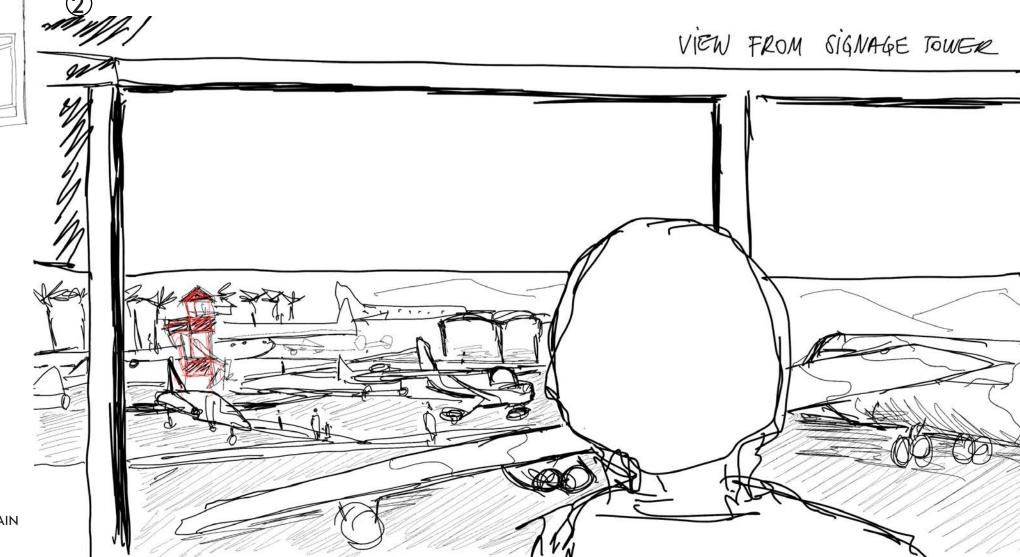




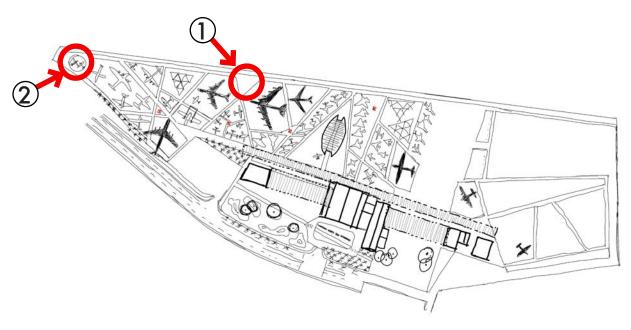
SIGNAGE TOWERS

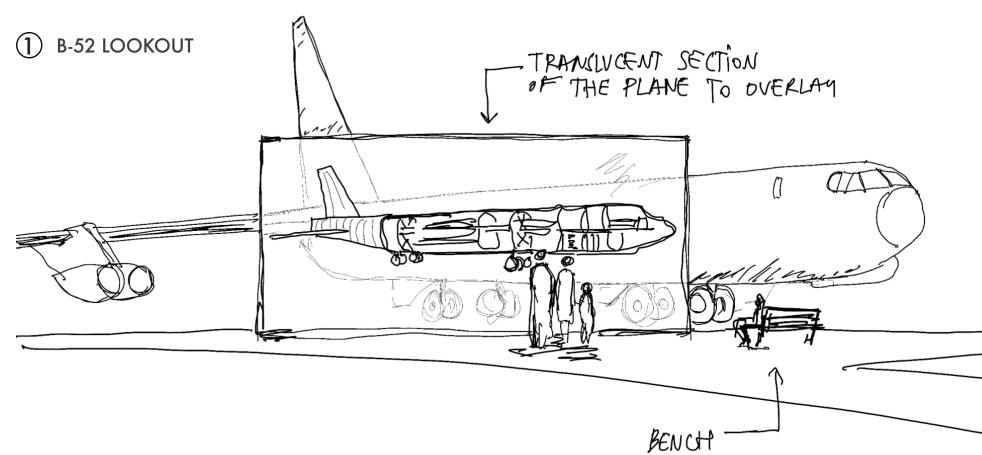




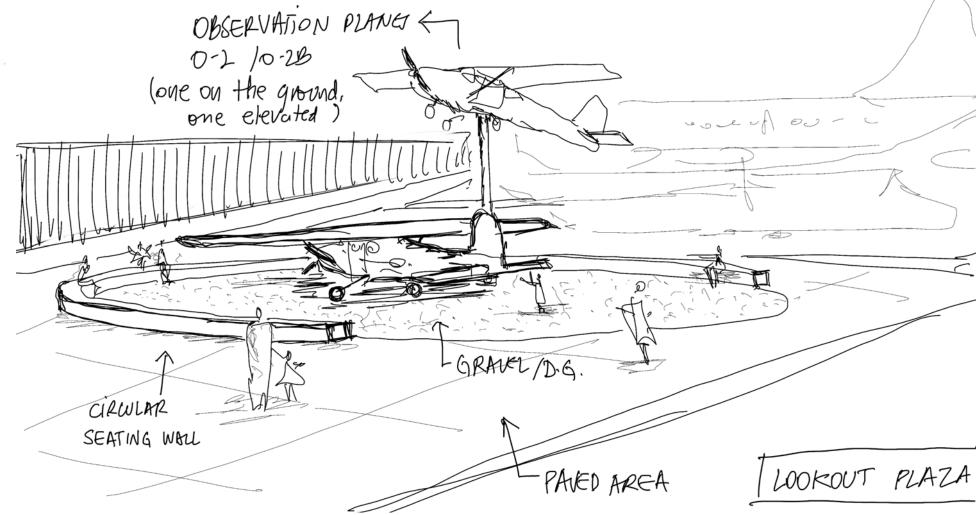


LOOKOUT PLAZAS

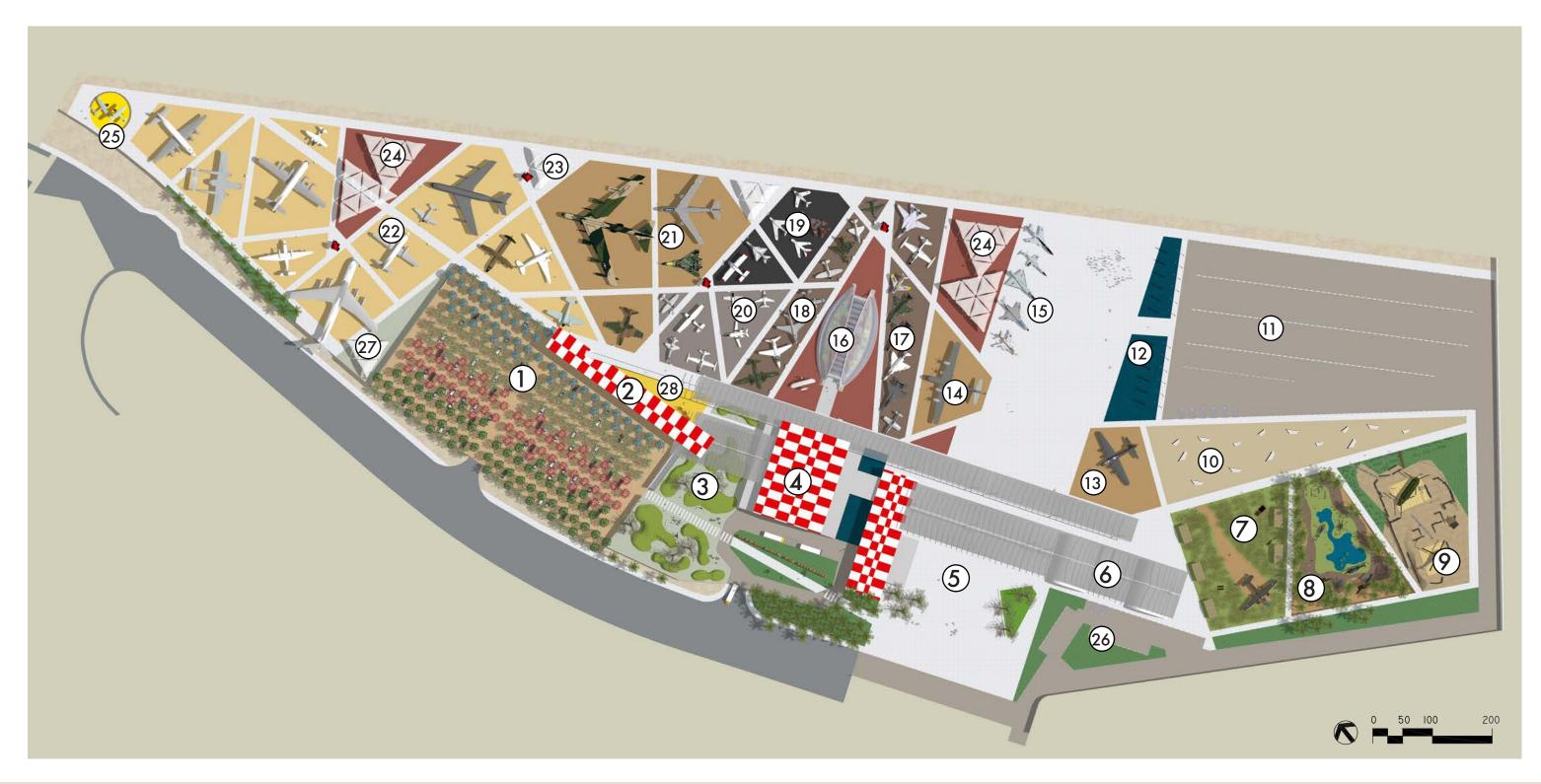




MOUNTAINS LOOKOUT



SITE PLAN



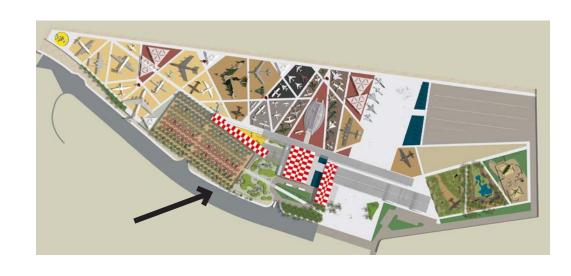
- 1 VISITOR PARKING
- 2 RESTAURANT
- 3 MEMORIAL GARDEN
- 4 INDOOR MUSEUM
- 5 ENTRY PLAZA
- 6 HANGARS
- ASIA-PACIFIC AIRFIELD
- 8 JUNGLE TRAINING CENTER
- 9 VIETNAM FIRE BASE
- 10 BONE YARD
- (11) OVERFLOW PARKING
- 13 B-17 PLANE
- 14) B-29 PLANE
- 15 CENTURY SERIES PLANES
- 12 FLAG COURT WATER FEATURE 16 HAP ARNOLD PAVILION
- 17 FIGHTER PLANES
- 18 ATTACK PLANES
- 19 SOVIET AIRCRAFT
- 20 TRAINING PLANES
- 21) BOMBER PLANES
- 22 CARGO PLANES
- B-52 LOOKOUT POINT
- 34 SHADED EVENT SPACES
- 27) SEATING AREA

28) PLAYGROUND

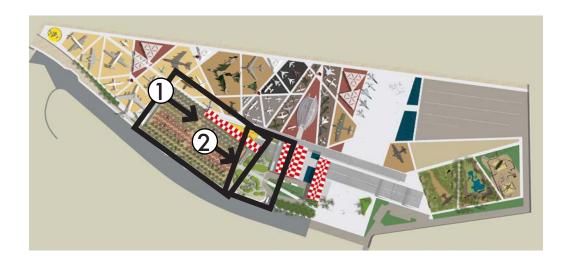
26 STAFF PARKING

25) LOOKOUT PLAZA (OBSERVATION PLANES)





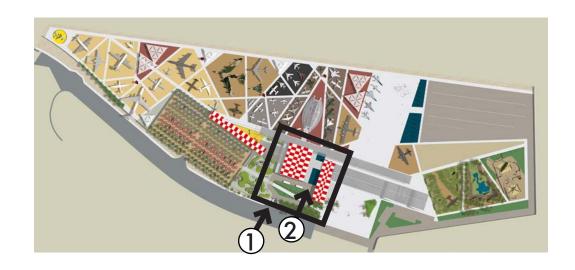
VISITOR PARKING TREE GROVE



MEMORIAL GARDEN







SEE-THROUGH MUSEUM HALLWAY RAINWATER FOUNTAIN





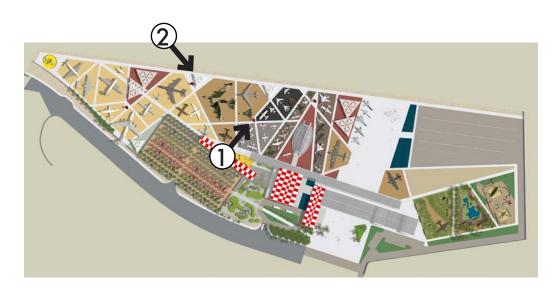


ENTRY PLAZA FROM OVERFLOW PARKING





PLANES SIGNAGE AND LOOKOUT TOWER

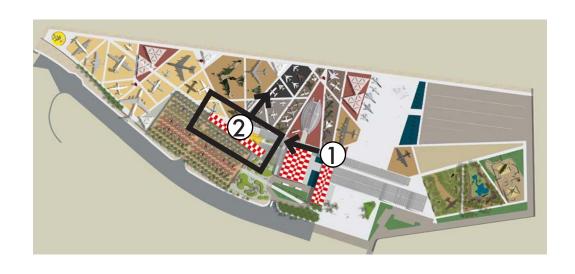


B-52 LOOKOUT

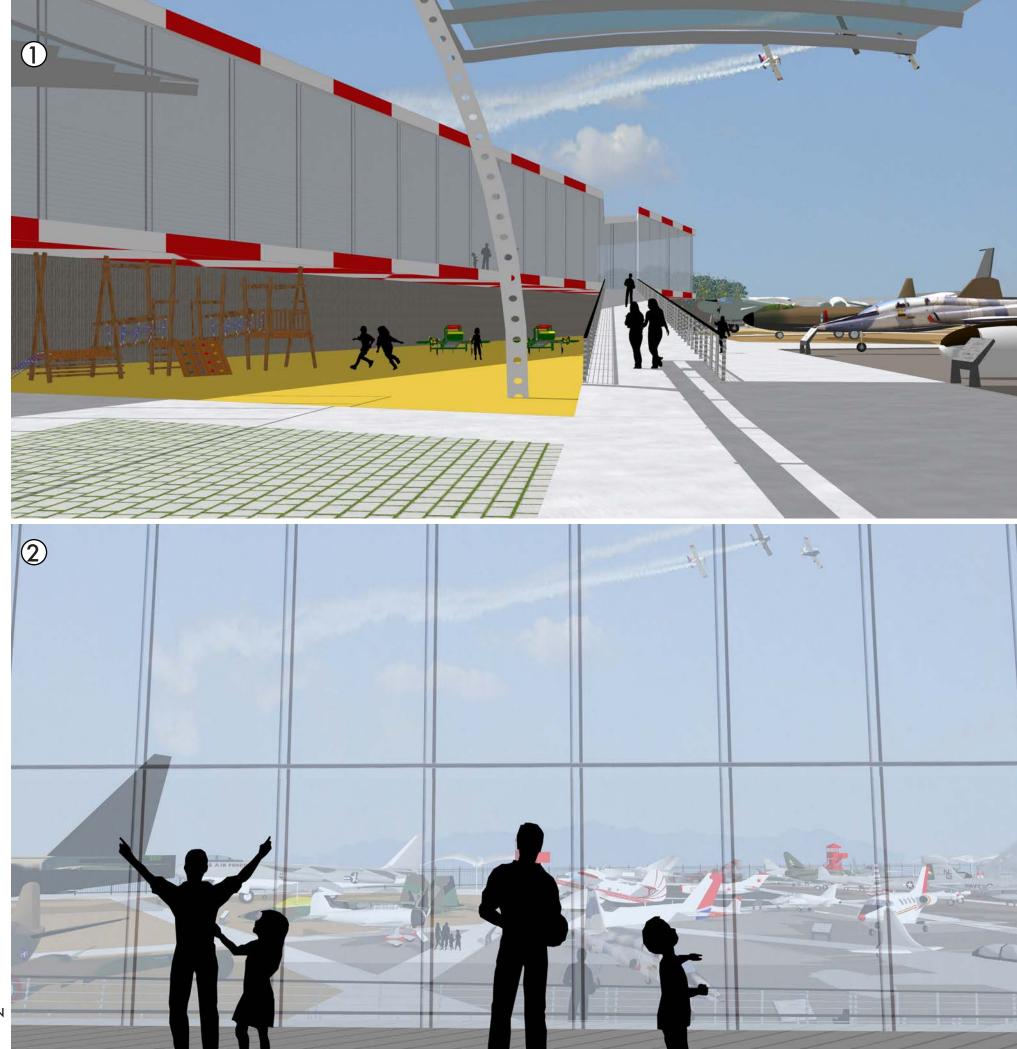




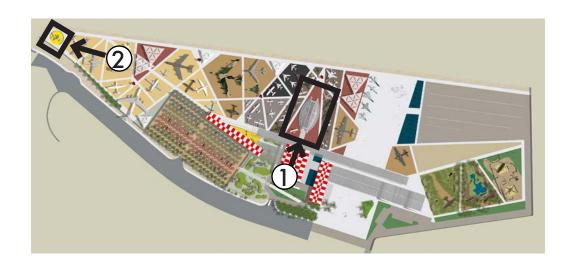
RESTAURANT ACCESS RAMP AND PLAYGROUND



VIEW FROM ELEVATED RESTAURANT



VIEW OF HAP ARNOLD PAVILION FROM MUSEUM BUILDING



LOOKOUT PLAZA



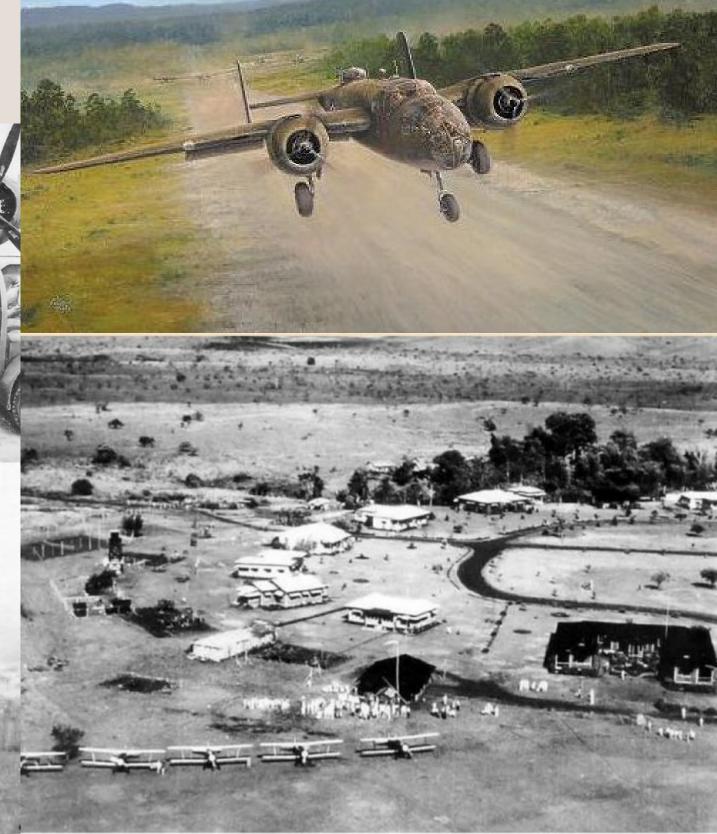


FIRE BASES



PHILIPPINES AIR FIELD BASE **DEL MONTE AIRFIELD - PRECEDENT**





U.S. Army Air Corps planes land at Del Monte in 1935. U.S. Army Air Corps photo.

PHILIPPINES AIR FIELD BASE





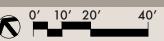


JUNGLE TRAINING BASE FORT SHERMAN JUNGLE WARFARE SCHOOL - PRECEDENT



JUNGLE TRAINING BASE











VIETNAM FIRE BASE







MEMORIAL GARDEN







