



# BARKSDALE GLOBAL POWER MUSEUM

## EXHIBIT CONCEPT & DESIGN STANDARDIZATION PACKAGE

Final Submittal **100%** Design

Date: May 12, 2017

*Prepared for:*

Mr. Daniel Phoenix

Airforce Global Strike Command  
History and Museums Program  
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ph: (318) 456-2215

### Package Content

- Museum Visitor Experience Storyboard
- Museum Interior Concept Sketches
- Air Park Exterior Signage
- Air Park Graphic Design Standard
- Implementation Cost Estimates
- Sequential Fabrication and Implementation Phasing Plan

*Presented by:*



Architectural ■ Engineering ■ Planning ■ Construction Management  
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*Prepared by:*



**Kaser Design** Certified Interpretive Planners

M. Kaser & Associates, Inc. - 217 S. MacArthur Blvd. - Coppel, Texas 75019 - ph: (469) 549-1832



**EXHIBIT  
CONCEPT  
& DESIGN  
STANDARDIZATION**

final submittal



**d e s i g n**

Date:  
**May 12, 2017**

**USING  
THIS  
PLAN**

**How to use this document**

This document, the final design package, is a "100% submittal design" prepared to be used as the final presentation of the museum direction and intent. The Final Design (FD), 100% submittal contains goals, details, finishes, and specifications as well as cost projections. FD supports and follows the goals and objectives contained in the "Barksdale Global Power Museum, Interpretive Master Plan", as well as the concepts initially proposed in the December 15, 2016 - 30% design document, and developed in the March 1, 2017 - 70% design document. Refer to the Interpretive Master Plan (IMP), the 30% Initial Concept Package, and/or the 70% Design Development document for additional details.

The 100% submittal design document consists of six sections: Museum Visitor Experience Storyboard, Museum Interior Concept Sketches, and Airpark Elements, Color Presentation Renderings, Cost Projections, and Sequential Fabrication & Implementation Phasing Plan.

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## Sheet Schedule

- 000 - How to use this document
- 00 - Sheet Schedule
- 0 - Museum Outline
- 1 - Project Plan
- 2 - Museum Visitor Traffic Flow Plan
- 3 - Museum Visitor Experience Storyboard (Storyboard part 1)
- 4 - Storyboard part 2
- 5 - Storyboard part 3
- 6 - Storyboard part 4
- 7 - Exhibit Floor Plan
- 8 - Exhibit Concept Sketch - Entry
- 9 - Exhibit Concept Sketch - Entry "Color"
- 10 - Exhibit Concept Sketch - Quonset Hut
- 11 - Exhibit Concept Sketch - Hoy Barksdale
- 12 - Exhibit Concept Sketch - World War-I
- 13 - Exhibit Concept Sketch - World War-II
- 14 - Exhibit Concept Sketch - World War-II
- 15 - Exhibit Concept Sketch - World War-II "Color"
- 16 - Exhibit Concept Sketch - Cold War - I
- 17 - Exhibit Concept Sketch - Cold War - II
- 18 - Exhibit Concept Sketch - Cold War - II "Color"
- 19 - Exhibit Concept Sketch - 9-11 Bush Podium
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- 22 - Museum Standard Graphic Elements
- 23 - Airpark Site Plan
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- 29 - Airpark Horizontal Interpretive Panel
- 30 - Airpark Kiosk
- 31 - Airpark Interpretive Graphic Panel Design Standard Intro
- 32 - Sample Text - Interpretive Graphic Panel
- 33 - Airpark Interpretive Graphic Style
- \* - Appendix Implementation Cost Estimates & Phasing Plan
- E1 - Implementation Cost Estimate - Overall
- E2 - Implementation Cost Estimate - Detail - Entry & Quonset Hut
- E3 - Implementation Cost Estimate - Detail - Hoy Barksdale & WWI
- E4 - Implementation Cost Estimate - Detail - WWII & Cold War
- E5 - Implementation Cost Estimate - Detail - 911, GWOT, & Exit
- E6 - Implementation Cost Estimate - Detail - Airpark
- E7 - Implementation Cost Estimate - Detail - Airpark
- E8 - Sequential Fabrication & Implementation Phasing Plan



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**MUSEUM  
THEME  
&  
OUTLINE**

**BGPM Interpretive Theme**

*“Since 1933 generations of airpower from Barksdale Air Force Base have ensured our freedom through community, teamwork, sacrifice, and pride... Our mission continues...”*

**BGPM Concept**

*“Barksdale is Bomber Country. The museum exhibits will describe the evolution of aerial bombardment from WWI to the present day, woven in with supporting information connected to Barksdale AFB and modern Barksdale units.”*

**Museum Outline**

- 1 - Arrival Point
- 2 - Museum Entry - Welcome
- 3 - Quonset Hut / Briefing Room
- 4 - Hoy Barksdale House
- 5 - WWI & Origins of Bombing (Alcove )
- 6 - Origins of Barksdale AFB
- 7 - World War-II
- 8 - The Cold War Part I (Introduction, SAC, Korea, CMC, Chrome Dome, personal stories)
- 9 - The Cold War Part II (Nuclear Triad, Vietnam, Linebacker, Soviet collapse, Gulf War)
- 10 - 9/11
- 11 - GWOT (OEF, OIF, CBP, Syria, B-21)
- 12 - Conclusion – before you go ...
- 13 - Airpark



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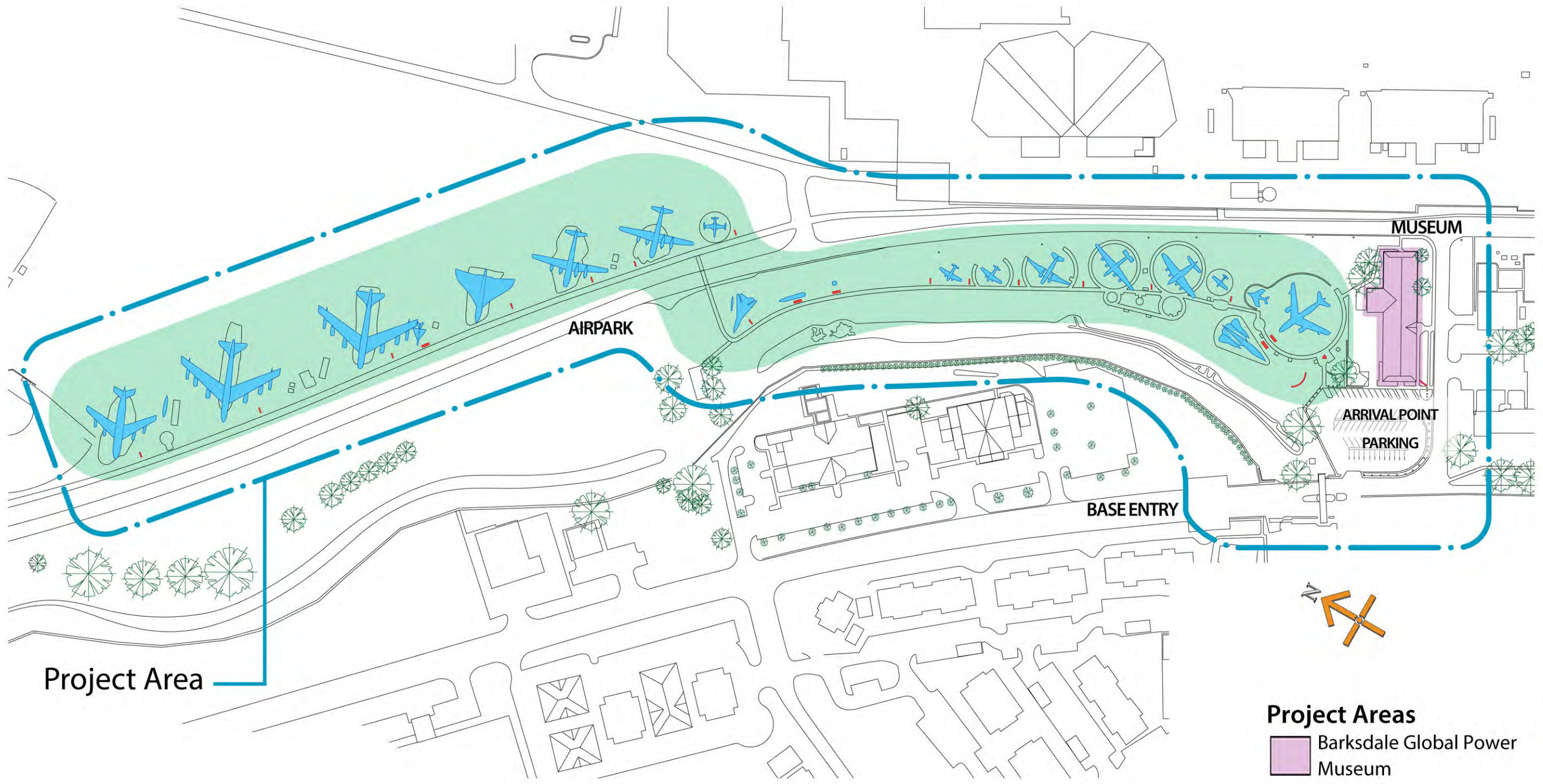
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**PROJECT  
PLAN**



Project Area

- Project Areas**
-  Barksdale Global Power Museum
  -  Barksdale Global Power Air Park

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MUSEUM  
VISITOR  
TRAFFIC  
FLOW

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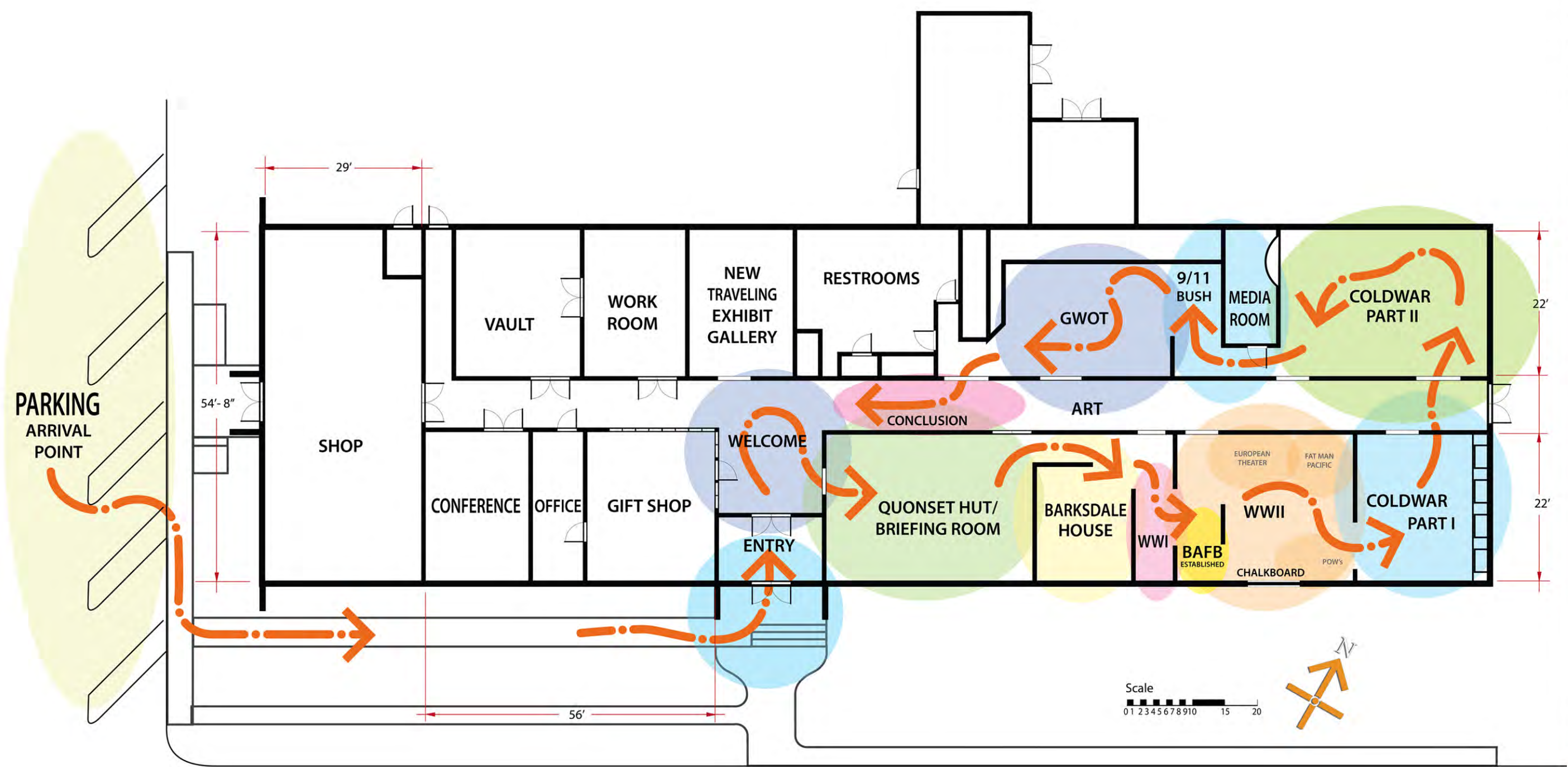
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FLOOR PLAN





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MUSEUM VISITOR EXPERIENCE

STORYBOARD 1

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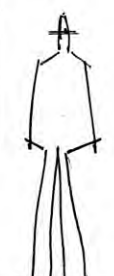
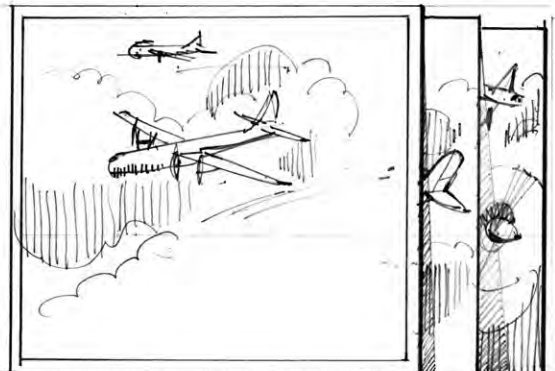
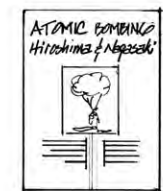
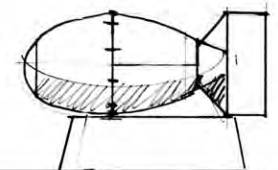
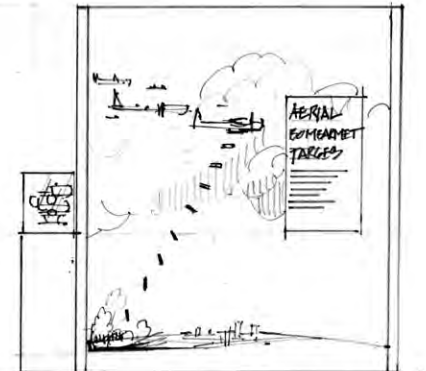
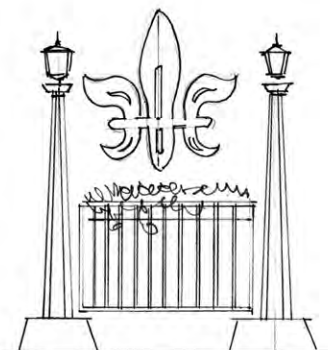
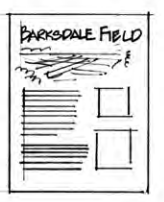
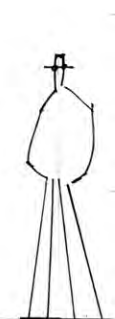
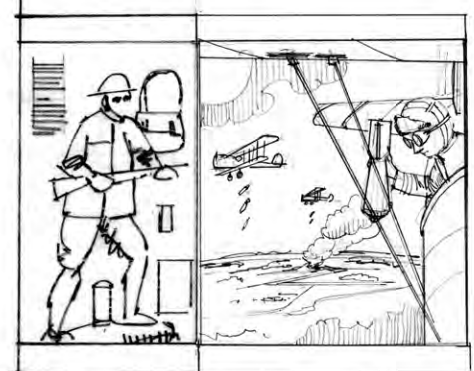
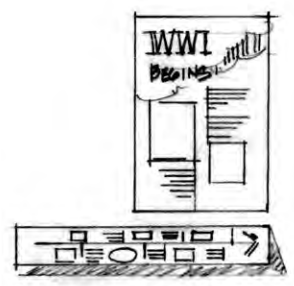
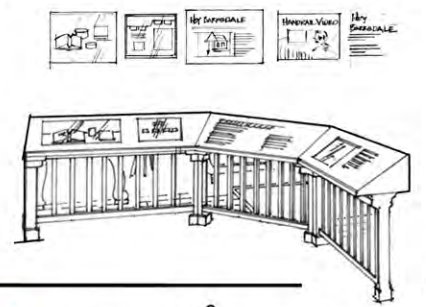
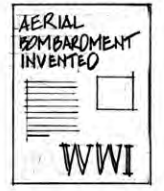
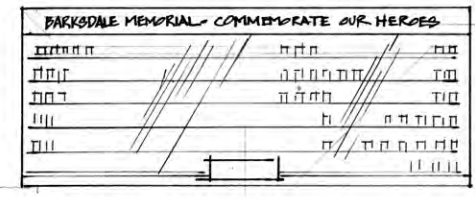
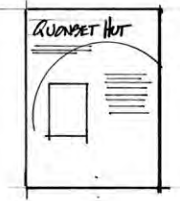
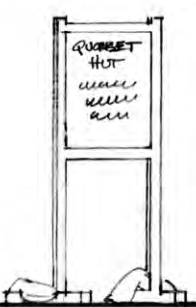
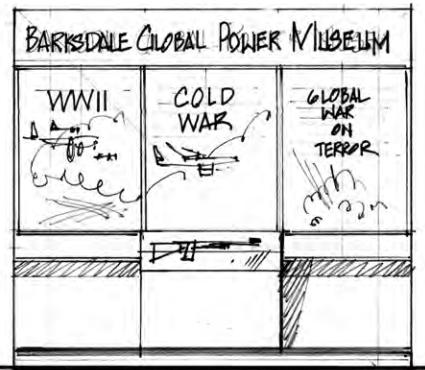
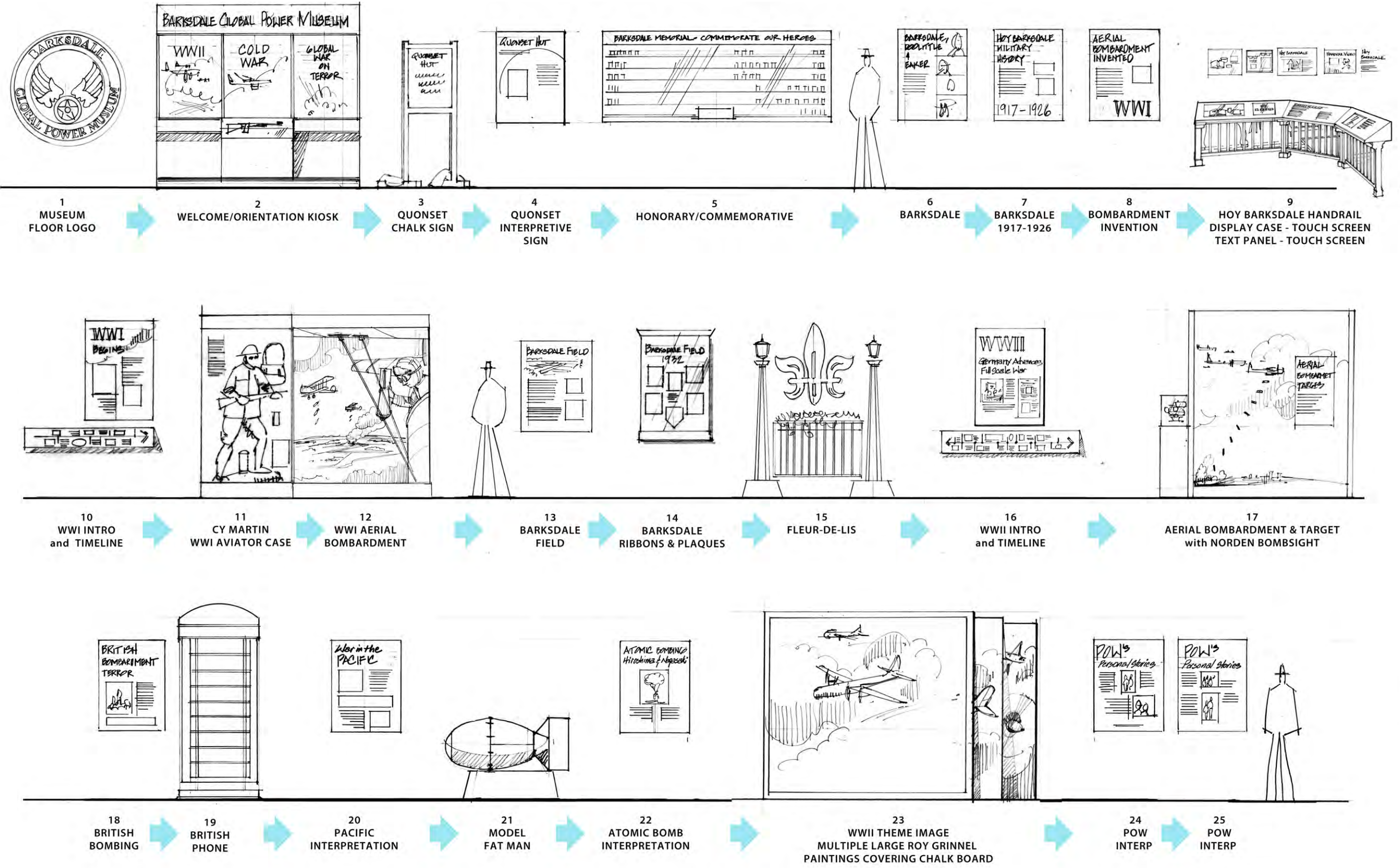


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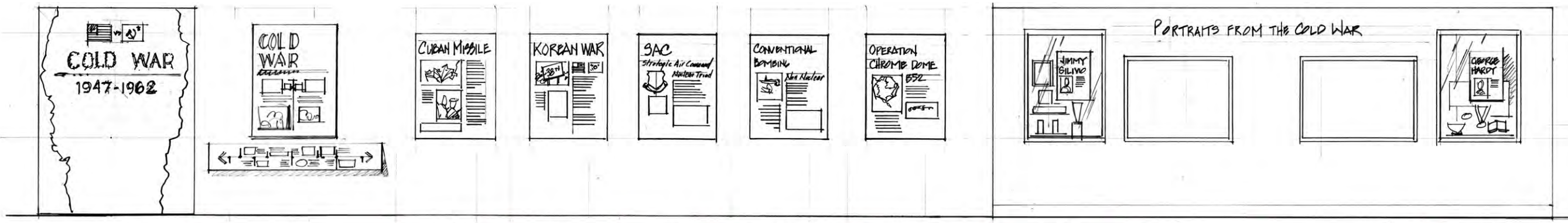


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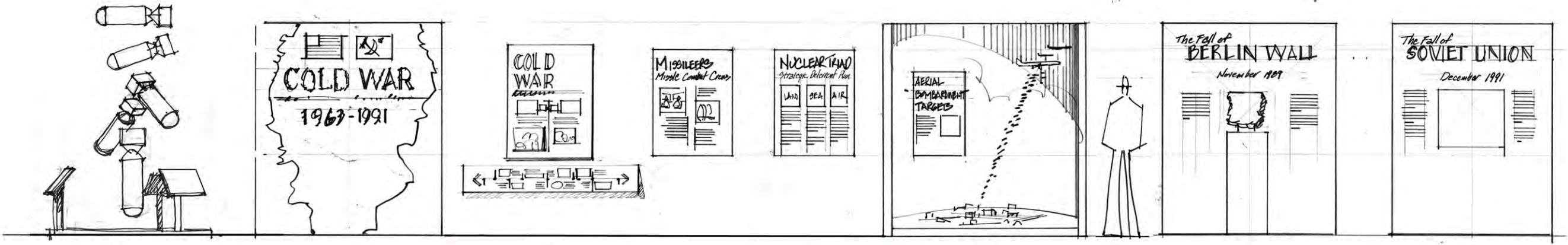
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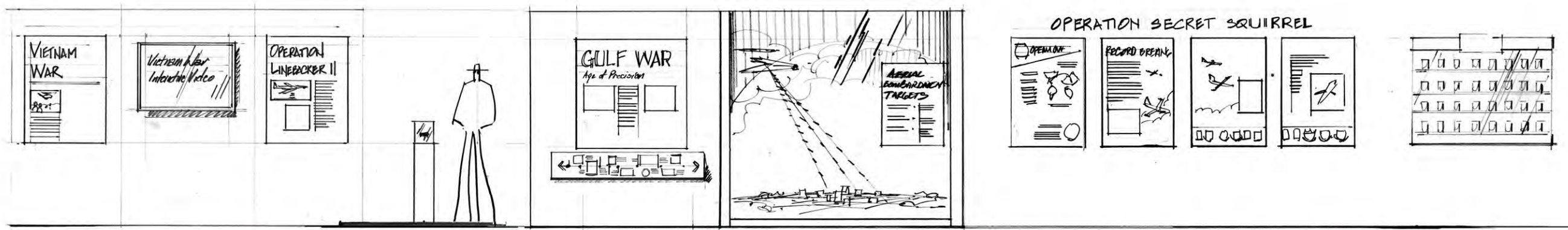




26 COLD WAR INTRO 1947-1962 → 27 COLD WAR INTRO and TIMELINE → 28 CUBAN MISSILE → 29 KOREAN WAR → 30 SAC → 31 CONVENTIONAL BOMBING → 32 CHROME DOME → 33 JIMMY SILVIO → 34 → 35 → 36 GEORGE HARDY



37 BOMB DROP CENTER PIECE → 38 COLD WAR INTRO 1963-1991 → 39 COLD WAR-II INTRO and TIMELINE → 40 MISSILEERS → 41 NUCLEAR TRIAD → 42 AERIAL BOMBARDMENT & TARGET → 43 FALL OF BERLIN WALL → 44 COLLAPSE OF SOVIET UNION



45 VIETNAM WAR INTERPRETATION → 46 VIETNAM WAR VIDEO → 47 OPERATION LINEBACKER-II → 48 RED CARPET → 49 GULF WAR INTRO and TIMELINE → 50 AERIAL BOMBARDMENT & TARGET → 51 OPERATION SECRET SQUIRREL → 52 OPERATION SECRET SQUIRREL ILLUMINATED GLASS CASE





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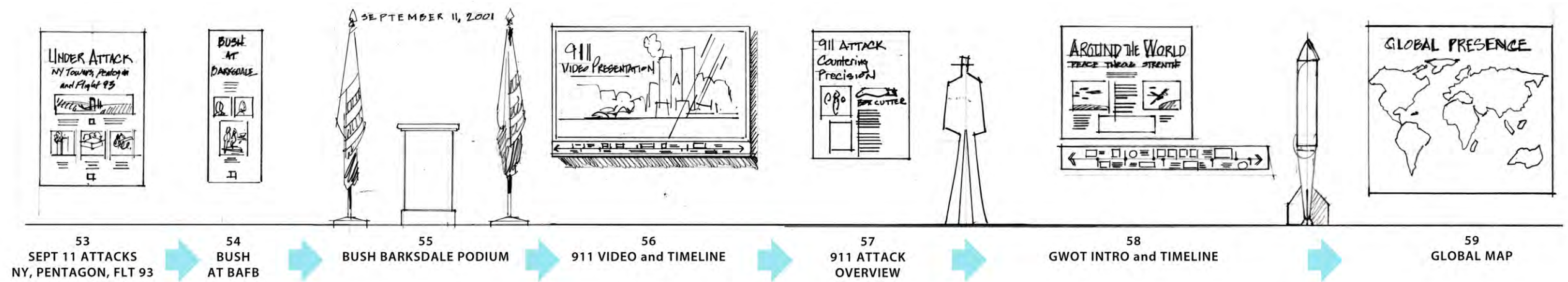
MUSEUM VISITOR EXPERIENCE - STORYBOARD 3

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GLOBAL WAR ON TERROR

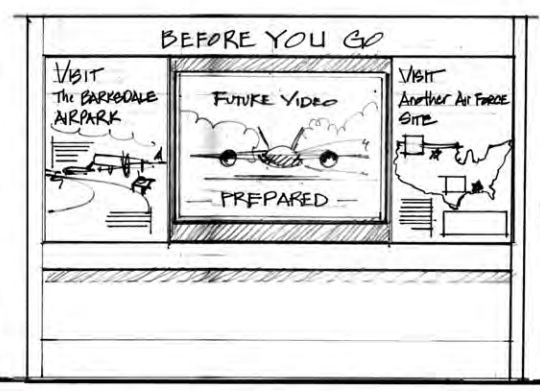
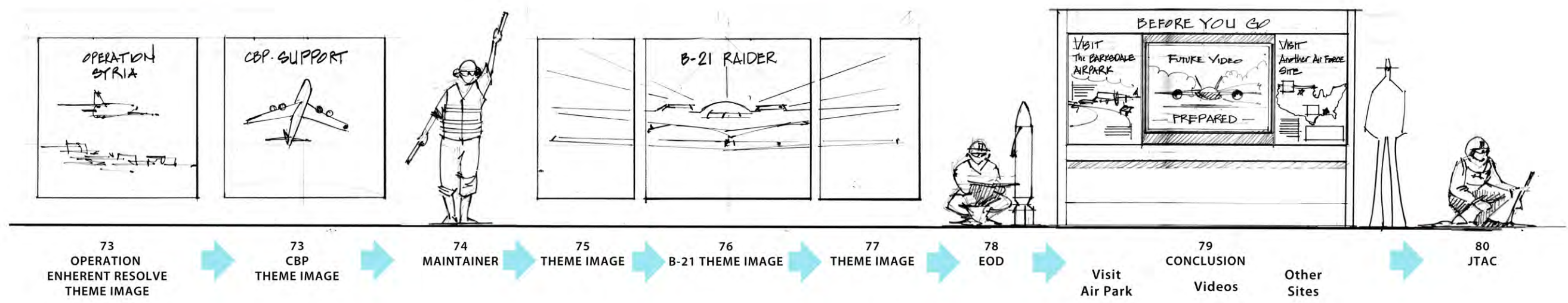
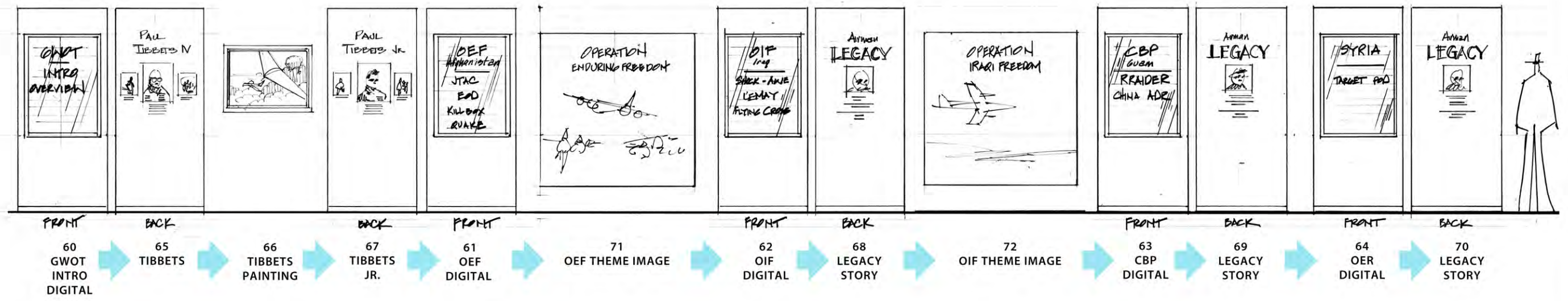






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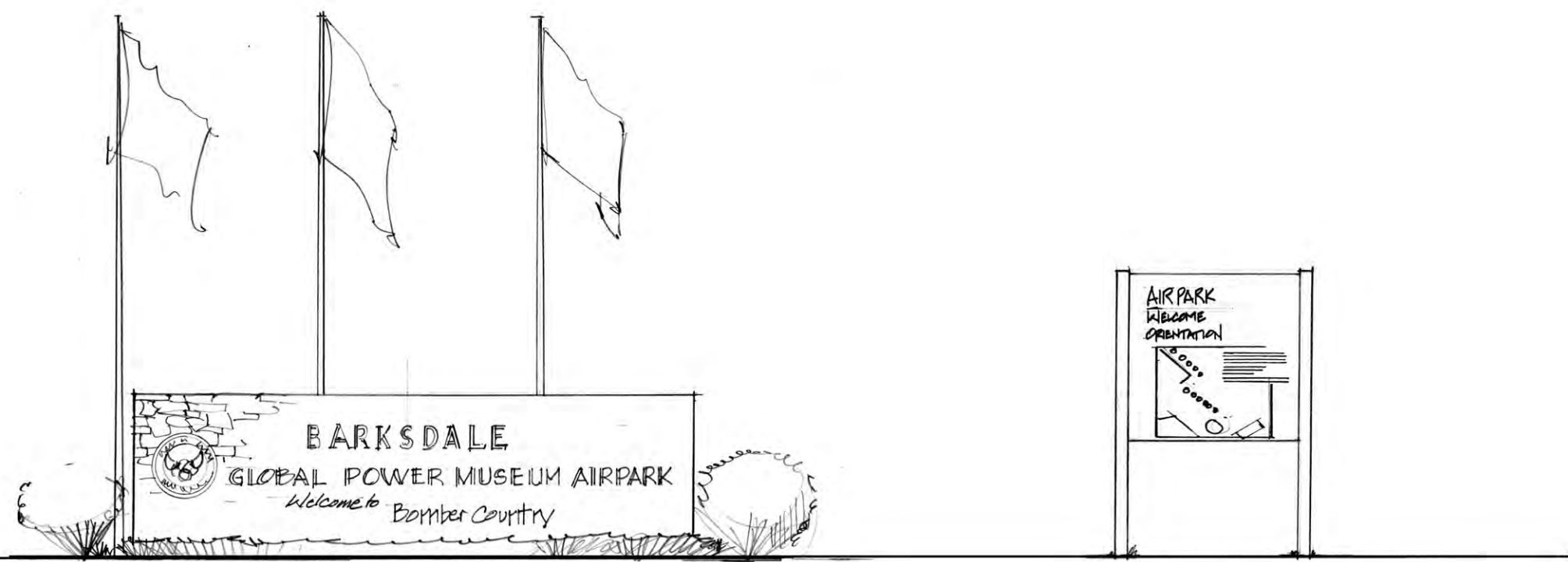
MUSEUM  
VISITOR  
EXPERIENCE  
-  
STORYBOARD  
4

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PRIMARY IDENTIFICATION SIGN

TRAILHEAD SIGN  
AIRPARK MAP  
AIRCRAFT SCHEDULE

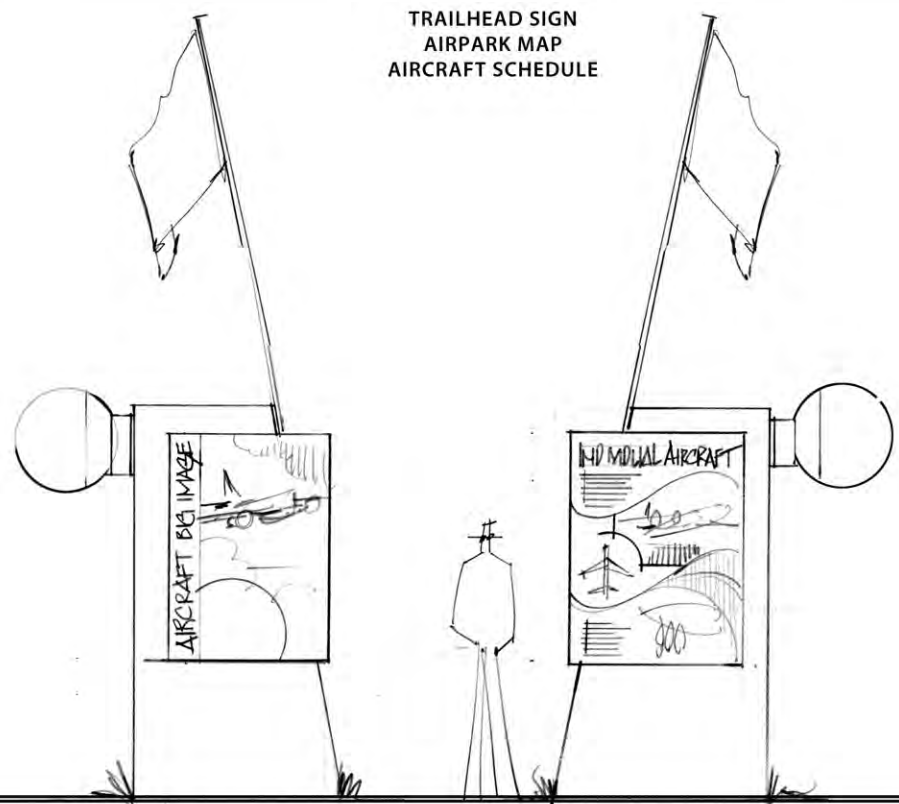


Welcome  
Orientation

Visit  
Museum

Support  
the Museum

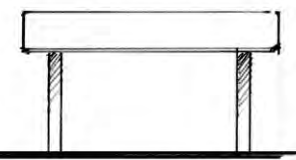
INTERPRETIVE KIOSK (3) SIDED



Full color Interpretive panel

BW Introduction panel

PRIMARY AIRCRAFT INTERPRETIVE SIGNAGE



SECONDARY AIRCRAFT  
INTERPRETIVE SIGNAGE



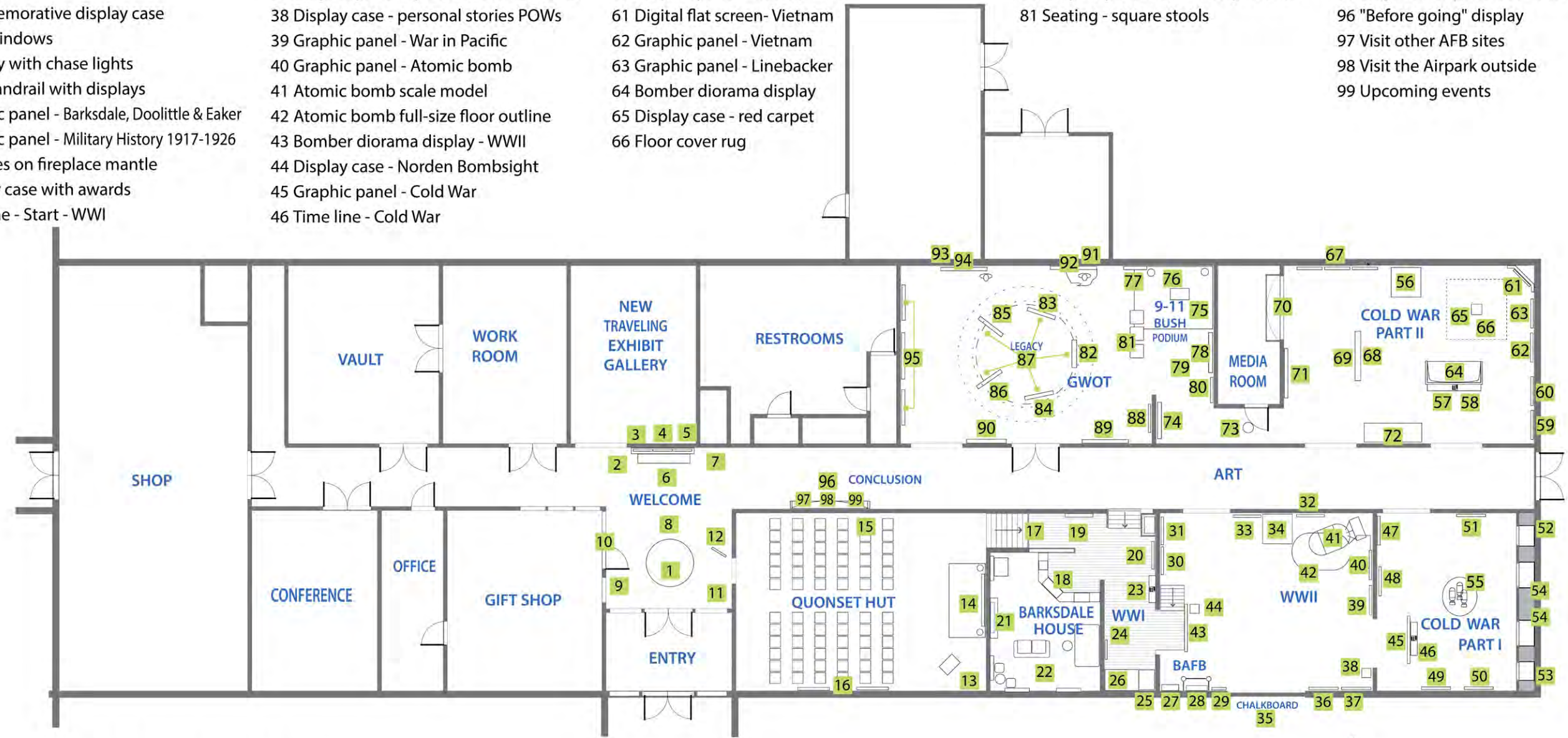
- 1 Entry Decal
- 2 Welcome/Orientation Kiosk
- 3 Graphic panel - WWII preview
- 4 Graphic panel - Coldwar preview
- 5 Digital flat screen- Today
- 6 50 cal. machine Gun
- 7 Wayfinding signage
- 8 Overhead model airplanes
- 9 Gift Shop signage
- 10 Gift Shop façade w/ props
- 11 Quonset hut interpretive sign
- 12 Quonset hut chalk sign & props
- 13 Presenters podium
- 14 Screen
- 15 Commemorative display case
- 16 Faux Windows
- 17 Hallway with chase lights
- 18 New handrail with displays
- 19 Graphic panel - Barksdale, Doolittle & Eaker
- 20 Graphic panel - Military History 1917-1926
- 21 Trophies on fireplace mantle
- 22 Display case with awards
- 23 Timeline - Start - WWI

- 24 Graphic panel - WWI Theme
- 25 WWI Airman uniform - case & panel
- 26 Bomber diorama display - WWI
- 27 Fleur-de-lis symbol, fence and lamp posts
- 28 Display case - BAFB ribbons
- 29 Graphic panel - Barksdale Field
- 30 Graphic panel - WWII Intro & Time line
- 31 Graphic panel - WWII breaks out
- 32 Graphic panel - WWII air war
- 33 Graphic panel - British bombing
- 34 British telephone booth
- 35 Roy Grinnell - multiple paintings
- 36 Graphic panel - personal stories POWs
- 37 Graphic panel - personal stories POWs
- 38 Display case - personal stories POWs
- 39 Graphic panel - War in Pacific
- 40 Graphic panel - Atomic bomb
- 41 Atomic bomb scale model
- 42 Atomic bomb full-size floor outline
- 43 Bomber diorama display - WWII
- 44 Display case - Norden Bombsight
- 45 Graphic panel - Cold War
- 46 Time line - Cold War

- 47 Graphic panel - Cuban missile crisis
- 48 Graphic panel - Korean War
- 49 Graphic panel - SAC (Strategic Air Command)
- 50 Graphic panel - Conventional bombing
- 51 Operation Chrome Dome
- 52 Display case - Jimmy Silvio Sr
- 53 Display case - George Hardy
- 54 Display cases (2) - personal stories
- 55 Centerpiece bomb drop
- 56 Existing B-52 Tail gun
- 57 Graphic panel - Theme Cold War 1964 - 1991
- 58 Time line - Cold War 1964 - 1991
- 59 Graphic panel - Missileers
- 60 Graphic panel - Nuclear Triad
- 61 Digital flat screen- Vietnam
- 62 Graphic panel - Vietnam
- 63 Graphic panel - Linebacker
- 64 Bomber diorama display
- 65 Display case - red carpet
- 66 Floor cover rug

- 67 Graphic panel series - Secret Squirrel
- 68 Fall of Berlin wall - Graphic & display case
- 69 Fall of Soviet Union
- 70 Bombing diorama display
- 71 Display Gulf War - Graphic & AV screen
- 72 Existing display case - Jet suit
- 73 Audio sound tunnel
- 74 Graphic panel - 9/11 three attacks
- 75 Bush Podium
- 76 Carpet, phone, flags, and props
- 77 Graphic panel - Bush at BAFB
- 78 Large digital flat screen- 9/11
- 79 Graphic panel - Time line
- 80 Graphic panel - 9/11 Interpretation
- 81 Seating - square stools

- 82 Digital module panel - GWOT Intro
- 83 Digital module panel - OIF
- 84 Digital module panel - OEF
- 85 Digital module panel - CBP
- 86 Digital module panel - OIR
- 87 Legacy portraits (5) including Tibbets
- 88 Tibbets painting
- 89 Large wall panel - Theme image & timeline
- 90 Large wall panel - Global presence map
- 91 Large wall panel - Iraq
- 92 Iraq EOD mannequin
- 93 Large wall panel - Afghanistan
- 94 Afghanistan mannequin
- 95 Large wall 3-panel set - B-21 RAIDER
- 96 "Before going" display
- 97 Visit other AFB sites
- 98 Visit the Airpark outside
- 99 Upcoming events



# FLOOR PLAN



**EXHIBIT  
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## MUSEUM EXHIBIT FLOOR PLAN

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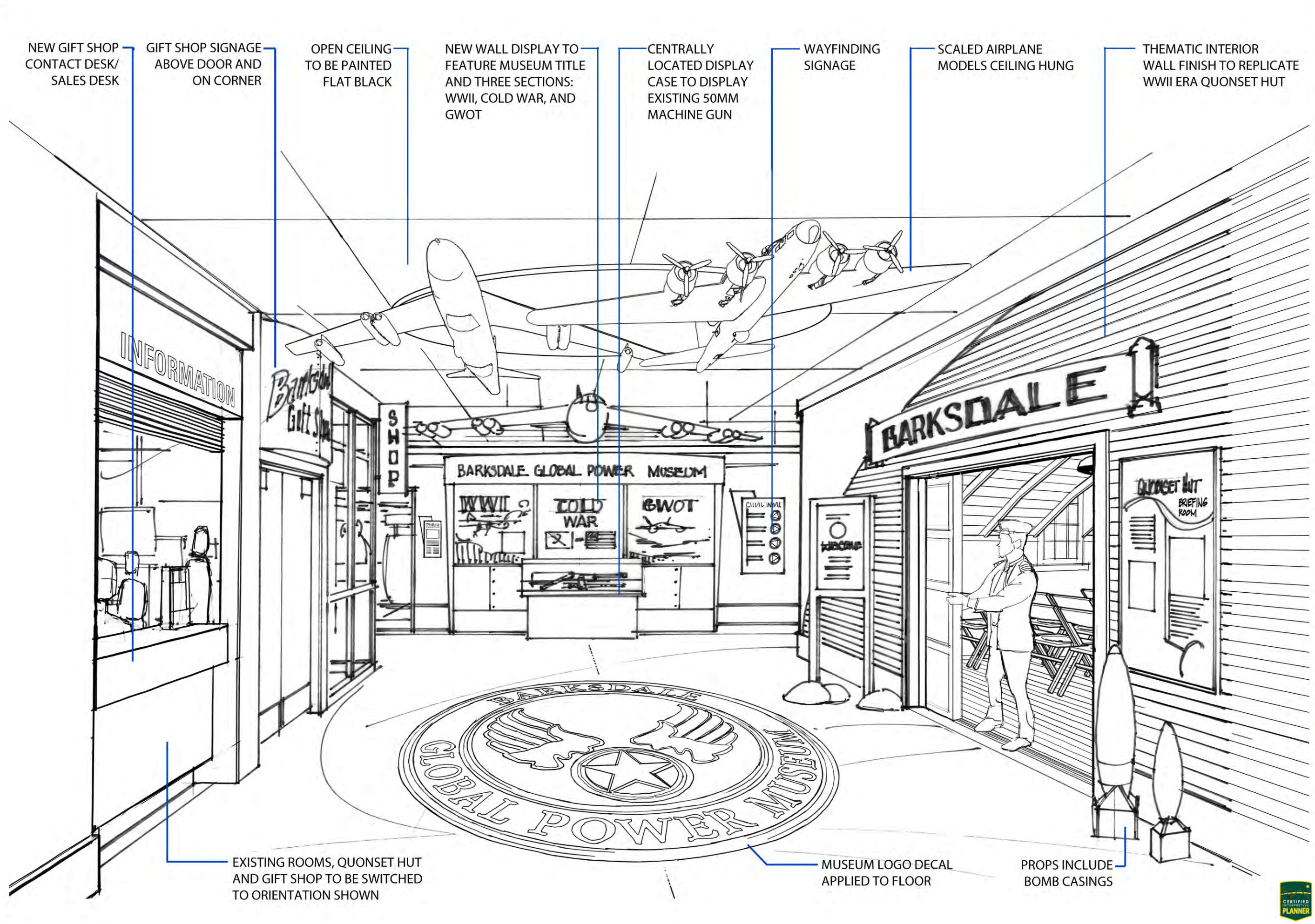
**MUSEUM  
GALLERY  
CONCEPT  
SKETCH  
-  
ENTRY**

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NEW GIFT SHOP  
CONTACT DESK/  
SALES DESK

GIFT SHOP SIGNAGE  
ABOVE DOOR AND  
ON CORNER

OPEN CEILING  
TO BE PAINTED  
FLAT BLACK

NEW WALL DISPLAY TO  
FEATURE MUSEUM TITLE  
AND THREE SECTIONS:  
WWII, COLD WAR, AND  
GWOT

CENTRALLY  
LOCATED DISPLAY  
CASE TO DISPLAY  
EXISTING 50MM  
MACHINE GUN

WAYFINDING  
SIGNAGE

SCALED AIRPLANE  
MODELS CEILING HUNG

THEMATIC INTERIOR  
WALL FINISH TO REPLICATE  
WWII ERA QUONSET HUT

INFORMATION

Barksdale  
Gift Shop

SHOP

BARKSDALE GLOBAL POWER MUSEUM

WWII

COLD  
WAR

GWOT

CIVIC WALL

BARKSDALE

QUONSET HUT  
BRIEFING  
ROOM

EXISTING ROOMS, QUONSET HUT  
AND GIFT SHOP TO BE SWITCHED  
TO ORIENTATION SHOWN

MUSEUM LOGO DECAL  
APPLIED TO FLOOR

PROPS INCLUDE  
BOMB CASINGS





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MUSEUM  
GALLERY  
CONCEPT  
-  
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GALLERY  
CONCEPT  
SKETCH  
-  
QUONSET  
HUT**

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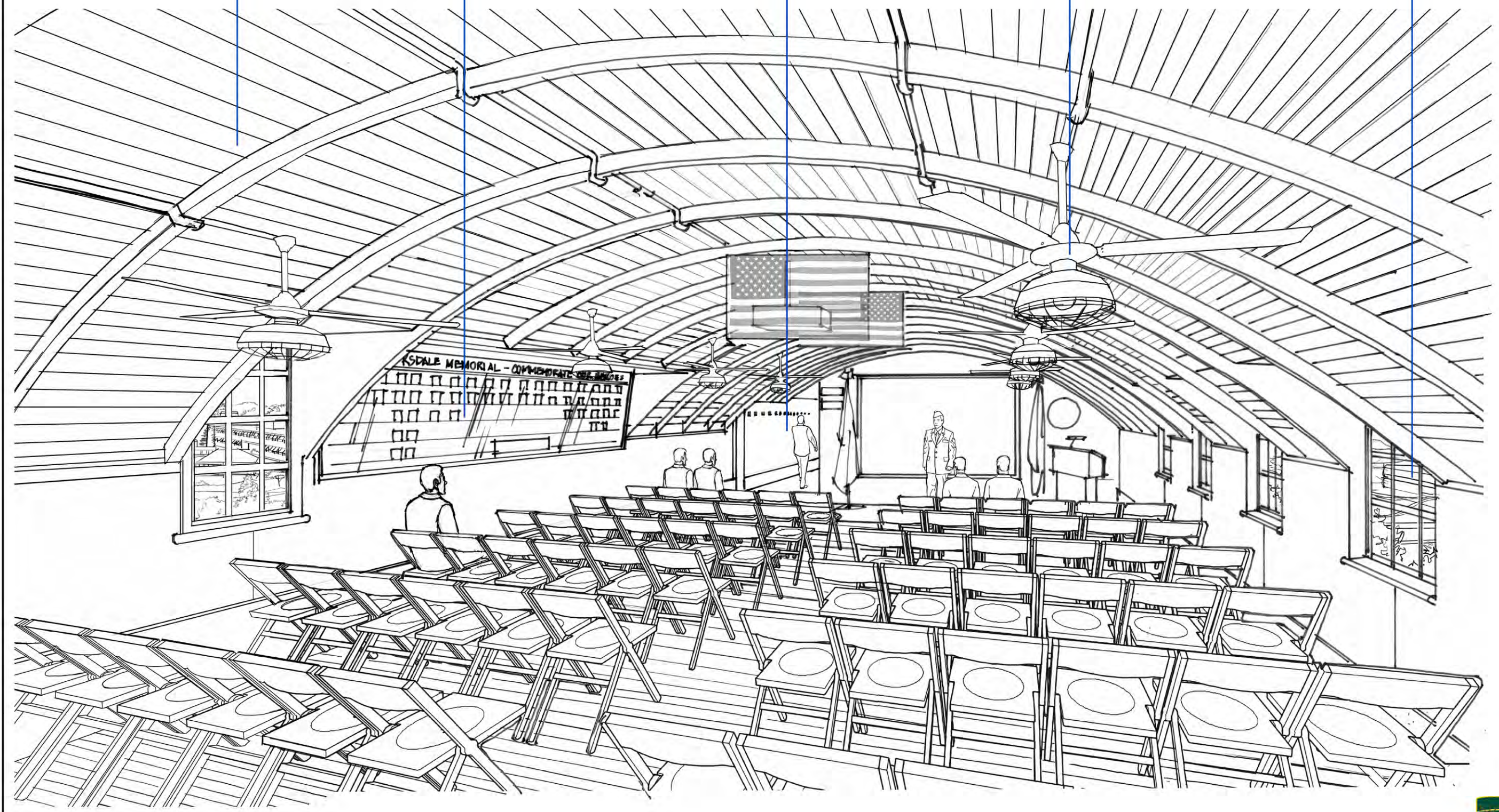
NEW FAUX CURRENT WINDOWS  
TO BE REPLACED WITH FLAT  
SCREEN MONITORS DISPLAYING A  
"LOOP" OF COMMON "OUTSIDE  
THE WINDOW" SCENES

TIME PERIOD INDUSTRIAL  
CEILING HUNG PENDANT  
HUNG LIGHT AND FANS

EXIT HALLWAY TO FEATURE  
CHASE LIGHTS

NEW BUILT IN,  
ILLUMINATED DISPLAY  
CASE TO DISPLAY NEW  
COMMEMORATIVE ETCHED  
GLASSES. DISPLAY  
TECHNIQUE TO BEST  
MATCH EXISTING SECRET  
SQUIRREL DISPLAY

THEMATIC INTERIOR FINISH  
TO FEATURE BARREL  
CEILING EVOKING WW-II  
ERA QUONSET HUT





EXISTING TIME PERIOD ROOM TO HAVE A PORTFOLIO OF NEW DISPLAY GADGETS ADDED TO BETTER INTERPRET HOY BARKSDALE

NEW HANDRAIL BARRIER TO FEATURE ARTIFACT CASE AND TWO INTERACTIVE TOUCH SCREENS. TOUCH SCREENS WILL ALLOW VISITORS TO EXPLORE VAST LIBRARY OF DOCUMENTS

CURRENT WINDOWS TO BE REPLACED WITH FLAT SCREEN MONITORS DISPLAYING A "LOOP" OF COMMON "OUTSIDE THE WINDOW" SCENES

NON-WORKING RADIO TO HAVE AUDIO PLAYER ADDED FEATURING TIME PERIOD MUSIC AND SOUNDS

EXISTING ARTIFACTS CURRENTLY DISPLAYED IN CASES TO BE RELOCATED ABOVE FIREPLACE MANTLE AND THROUGHOUT ROOM

EXISTING FRAME AND SHEET ROCK WALL TO BE REPLACED WITH GLASS PANEL WALL

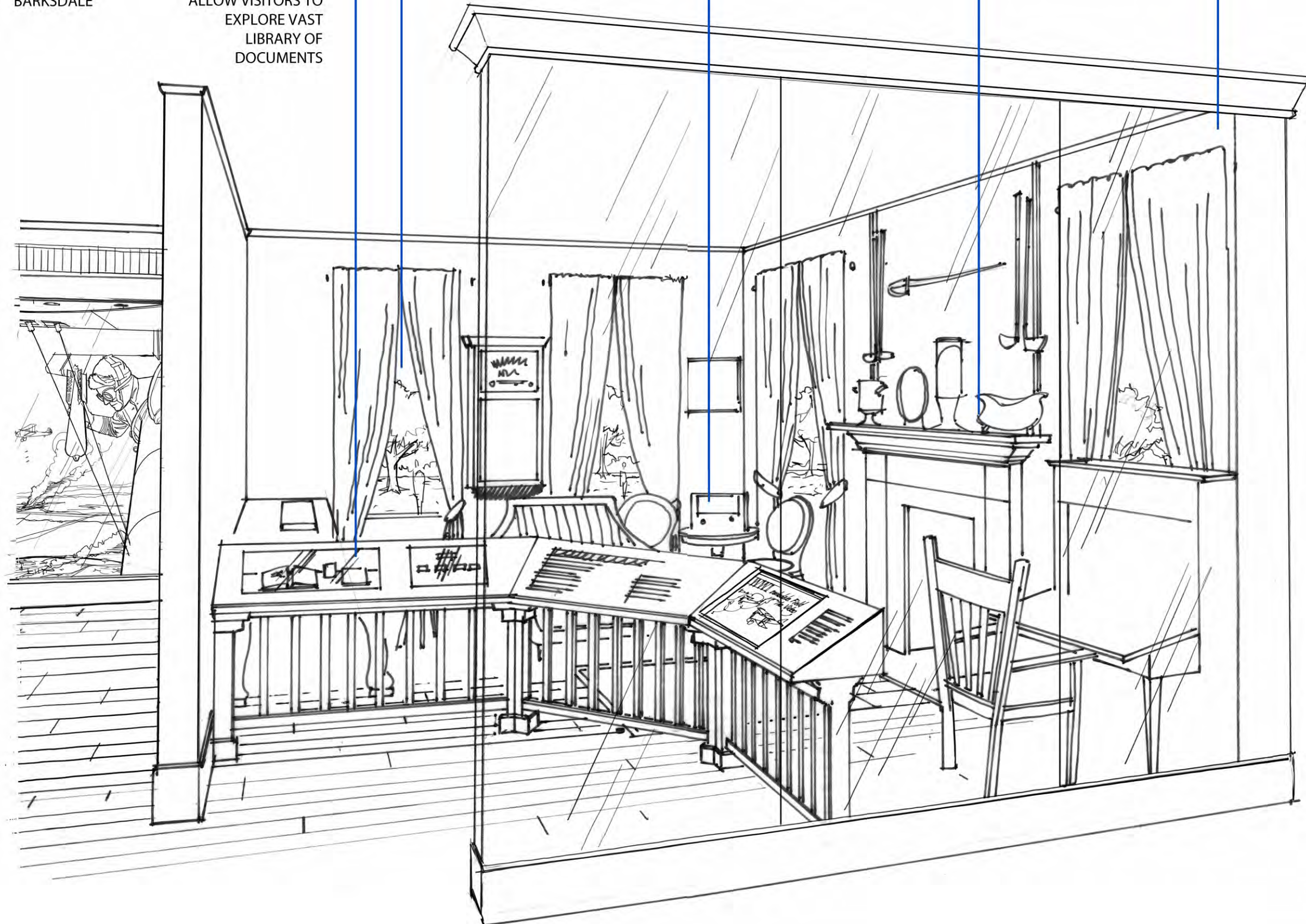


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MUSEUM  
GALLERY  
CONCEPT  
SKETCH  
-  
HOY  
BARKSDALE  
HOME

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ROOM FEATURES ALL THE  
TYPICAL GRAPHIC ELEMENTS:  
WRAPPING TIME LINE,  
INTERPRETIVE PANELS, AND  
PERIOD TIMELINE

EXISTING WWI UNIFORM TO BE  
DISPLAYED ON MANNEQUIN, INSIDE A  
DISPLAY CASE BUILT INTO WALL

PERIOD CEILING LIGHT  
ADDED AS SHOWN

BOMBER DIORAMA BUILT  
INTO A DISPLAY CASE  
ALONG SIDE THE UNIFORM  
CASE

EXISTING WALL TREATMENT  
TO BE ENHANCED WITH  
FRAMED PHOTOS AND STAIR  
HAND RAIL

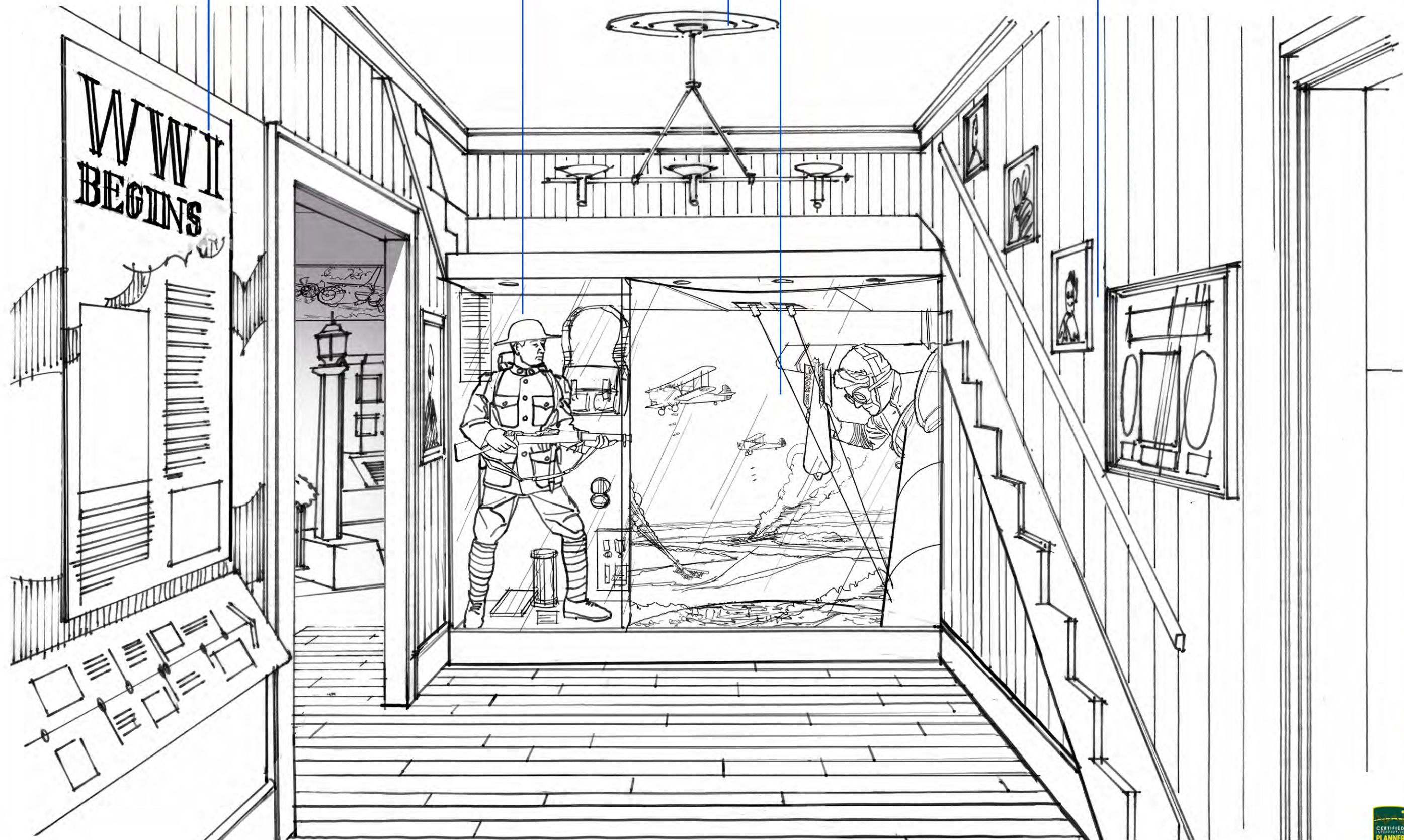


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MUSEUM  
GALLERY  
CONCEPT  
SKETCH

WWI  
ALCOVE

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Scale  
N. T. S.

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WALL DISPLAY CASE  
OF EXISTING MEDALS  
AND ARTIFACTS

EXISTING OWNER ITEMS TO BE  
RE-DISPLAYED WITH NEW  
MATERIALS AND FINISHES.  
ITEMS INCLUDE:  
FLEUR-DE-LIS  
LAMP POSTS  
WROUGHT IRON FENCING

BOMBER  
DIORAMA

FLAT HIGH-GLOSS THIN  
CEILING PANEL, CENTRALLY  
LOCATED, WITH RECESSED  
LED LIGHTING.

INTERPRETIVE THEME  
PANEL AND TIMELINE

ROOM FEATURES ALL THE  
TYPICAL GRAPHIC ELEMENTS:  
WRAPPING TIME LINE,  
INTERPRETIVE PANELS, AND  
PERIOD TIMELINE



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WWII

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ROOM FEATURES ALL THE TYPICAL GRAPHIC ELEMENTS: WRAPPING TIME LINE, INTERPRETIVE PANELS, AND PERIOD TIMELINE

SCALED REPLICA OF ATOMIC BOMB FAT MAN

WWII POW ARTIFACT AND COMMEMORATION DISPLAY CASE

FLOOR OUTLINE OF FULL-SIZE ATOMIC BOMB LITTLE BOY

PORTFOLIO OF PULL-OUT POCKET DOORS TO OCCUPY THE EXISTING CHALK BOARD WALL

BOMBER DIORAMA DISPLAY

FLAT HIGH-GLOSS THIN CEILING PANEL, CENTRALLY LOCATED, WITH RECESSED LED LIGHTING.

EXISTING BRITISH PHONE BOOTH

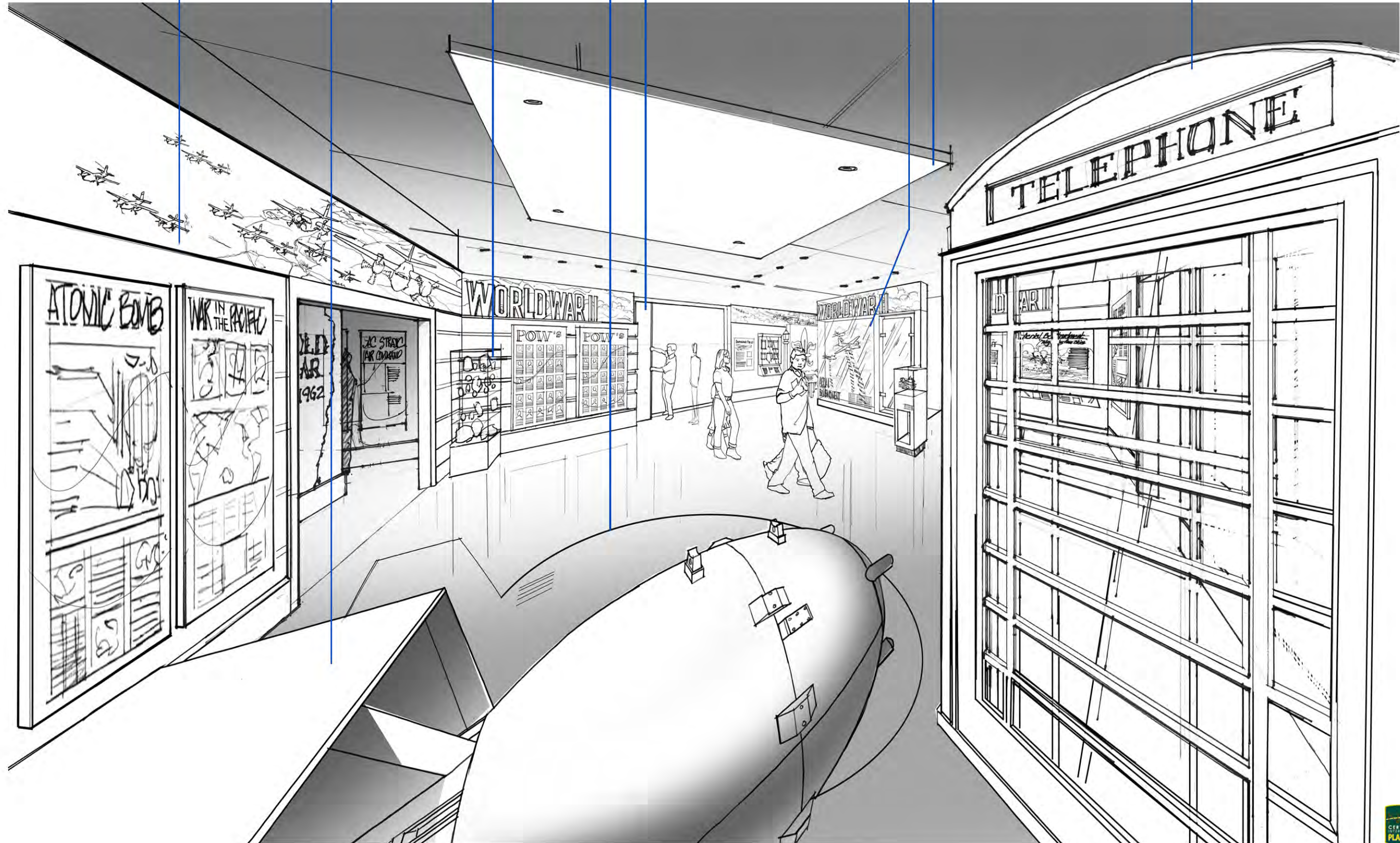


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WW-II**

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BUILT IN WALL DISPLAY  
CASES TO DISPLAY  
ARTIFACTS OF SELECT  
INDIVIDUALS

ARTISTIC CENTER PIECE  
DISPLAY MODELS OF  
500 lb BOMBS  
CASCADING DOWN  
FROM CEILING.

FLAT HIGH-GLOSS THIN  
CEILING PANEL, CENTRALLY  
LOCATED, WITH OPENING  
TO RESEMBLE BOMB BAY  
DOORS

GALLERY TITLE/THEME  
WALL PANEL TOPPED  
WITH WIRE

ROOM FEATURES MANY  
TYPICAL GRAPHIC  
ELEMENTS: WRAPPING TIME  
LINE, INTERPRETIVE PANELS,  
AND PERIOD TIMELINE

STATIC  
INTERPRETIVE  
PANELS ALONG  
THE WALLS

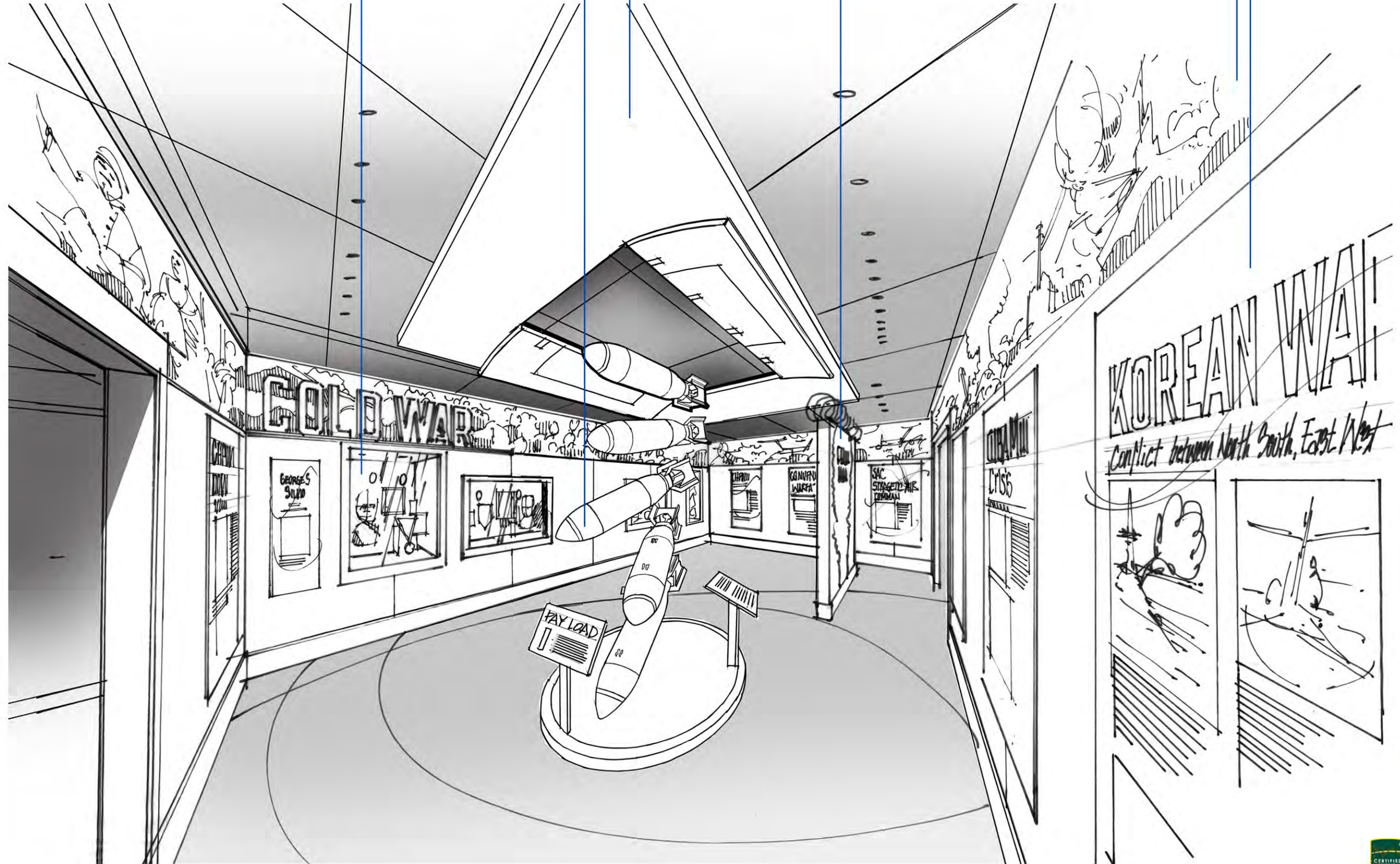


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GALLERY  
CONCEPT  
SKETCH

COLD WAR  
I

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**MUSEUM  
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CONCEPT  
SKETCH**

**COLD WAR  
II**

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ROOM FEATURES MANY  
TYPICAL GRAPHIC ELEMENTS:  
WRAPPING TIME LINE,  
INTERPRETIVE PANELS, AND  
PERIOD TIMELINE

LARGE, 60 INCH  
FLAT SCREEN  
DIGITAL VIDEO  
PRESENTATION OF  
GULF WAR

BOMBER  
DIORAMA  
DISPLAY

MONOLITHIC PANEL SERVES  
AS DISPLAY BACKDROP FOR  
BERLIN WALL ARTIFACT

WALL PANEL WITH  
FRACTURED OPENING  
FILLED GLASS, TOPPED  
WITH BARB WIRE

FLAT HIGH-GLOSS THIN  
CEILING PANEL, CENTRALLY  
LOCATED, WITH RECESSED  
LED LIGHTING.

STATIC INTERPRETIVE  
PANELS ALONG THE  
OUTSIDE WALLS.







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CONCEPT  
-  
COLD WAR  
II

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INCORPORATED

Prepared by:  
**K** Kaser Design

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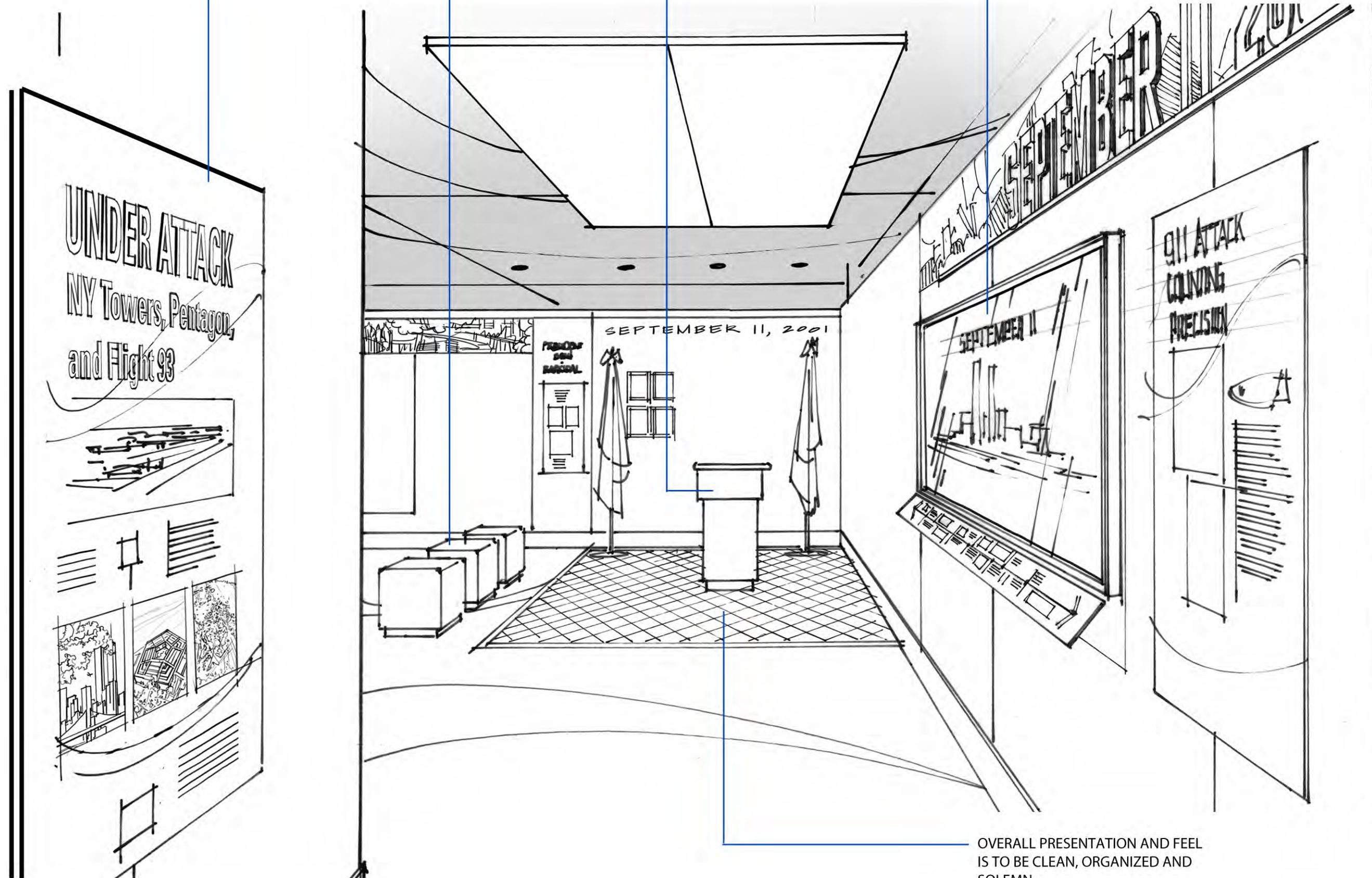


INTERPRETIVE PANELS FOR ALL THREE ATTACKS

UPHOLSTERED SEATING

PRESIDENT BUSH FROM BARKSDALE VIGNETTE FEATURES PODIUM, CARPET, FLAG AND OTHER ARTIFACTS FROM SEPTEMBER 11, 2001

LARGE, 80 INCH INTERACTIVE FLAT SCREEN SCREEN ALLOWS A TREMENDOUS AMOUNT OF CONTENT FOR VISITOR TO EXPLORE



OVERALL PRESENTATION AND FEEL IS TO BE CLEAN, ORGANIZED AND SOLEMN



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MUSEUM GALLERY CONCEPT SKETCH

9/11 BUSH PODIUM

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**MUSEUM  
GALLERY  
CONCEPT  
SKETCH  
-  
GWOT**

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**20 of 33**



ROOM FEATURES MANY TYPICAL GRAPHIC ELEMENTS: WRAPPING TIME LINE, INTERPRETIVE PANELS, AND PERIOD TIMELINE

OPEN EXPOSED CEILING FLAT BLACK PAINT FINISHED

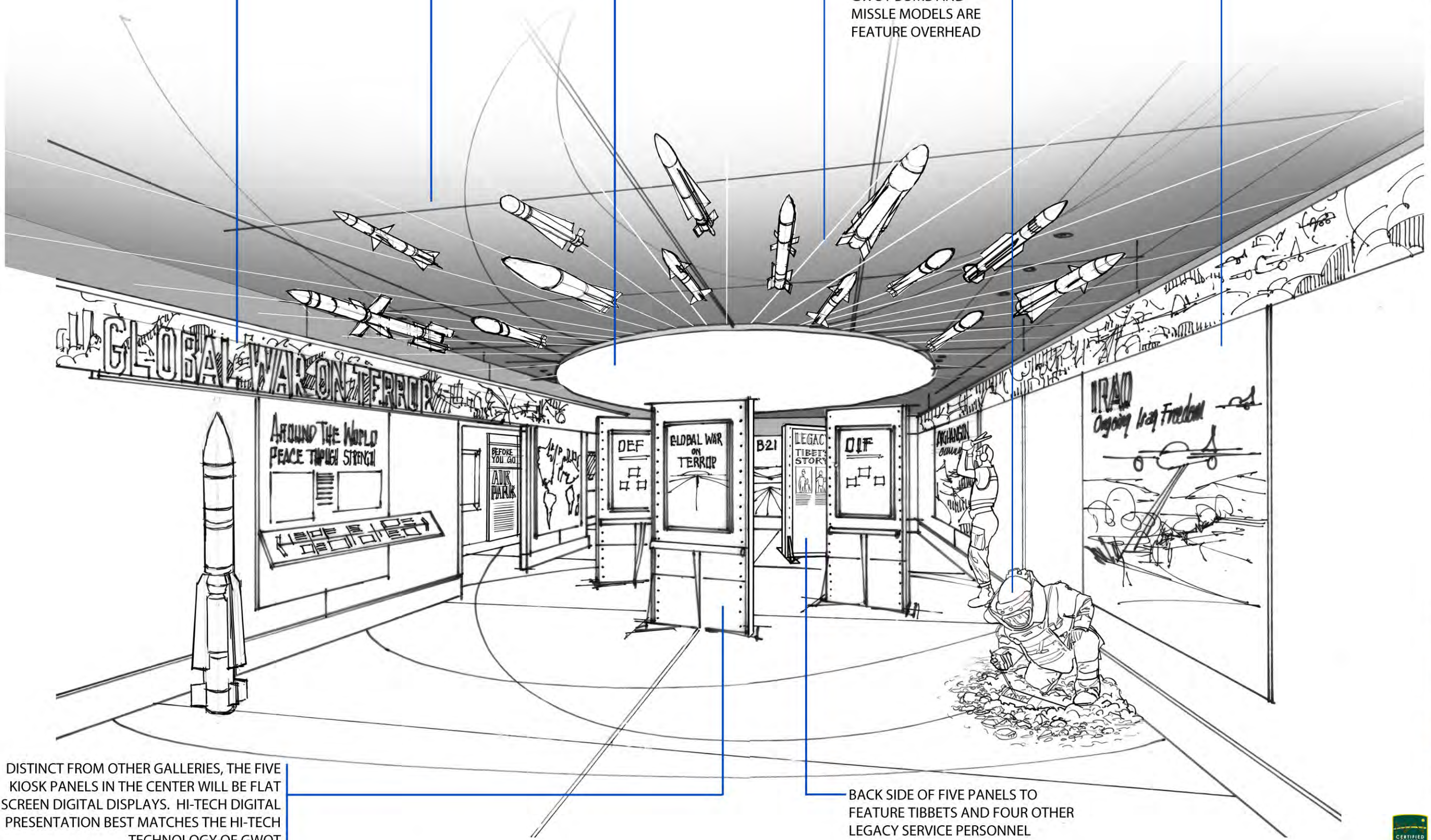
FLAT HIGH-GLOSS THIN CEILING DISC, CENTRALLY LOCATED

LASER LIGHT LINES RADIATE OUT FROM ABOVE DISC.

SELECT KEY AIRMEN DOING SPECIFIC TASKS ARE DISPLAYED WITH CLOTH MANNEQUINS

LARGE THEME PANELS FEATURING DYNAMIC PHOTOGRAPHY OF COMBAT ACTION

RADIATING ARRAY OF GWOT BOMB AND MISSILE MODELS ARE FEATURE OVERHEAD



DISTINCT FROM OTHER GALLERIES, THE FIVE KIOSK PANELS IN THE CENTER WILL BE FLAT SCREEN DIGITAL DISPLAYS. HI-TECH DIGITAL PRESENTATION BEST MATCHES THE HI-TECH TECHNOLOGY OF GWOT

BACK SIDE OF FIVE PANELS TO FEATURE TIBBETS AND FOUR OTHER LEGACY SERVICE PERSONNEL





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GWOT

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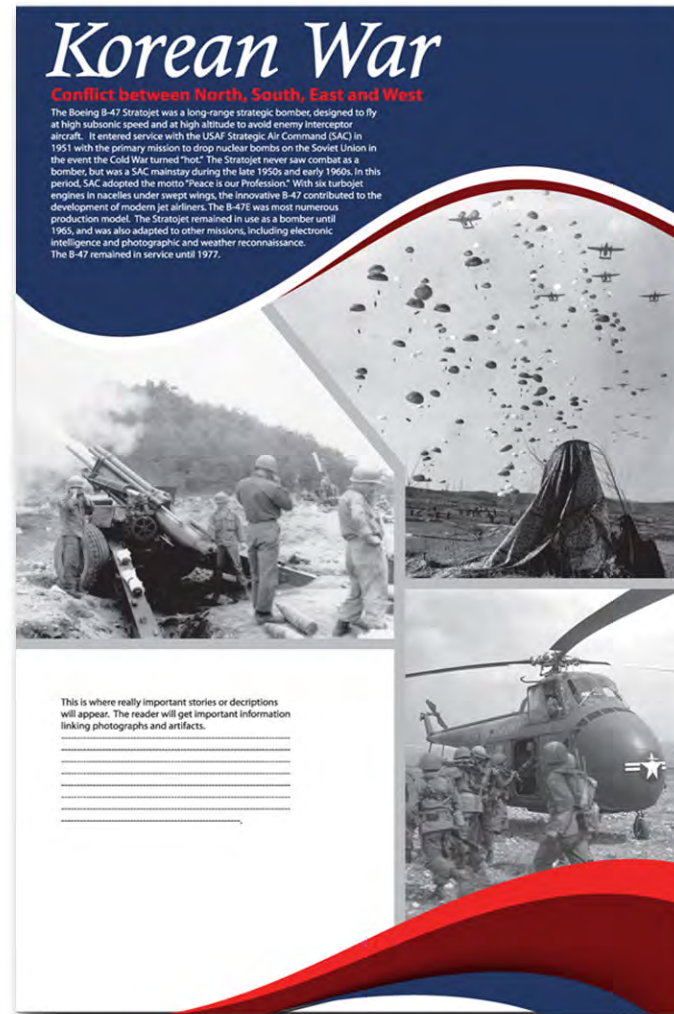




LARGE THEME PANEL - 80 x 80 inches

# WORLD WAR II

WRAPPING TIMELINE - 18 Inches tall x varying length



INTERPRETIVE WALL PANEL  
36 x 48 inches



TIMELINE PANEL 12 x 48 inches



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MUSEUM  
-  
STANDARD  
GRAPHIC  
ELEMENTS

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STANDARDIZATION

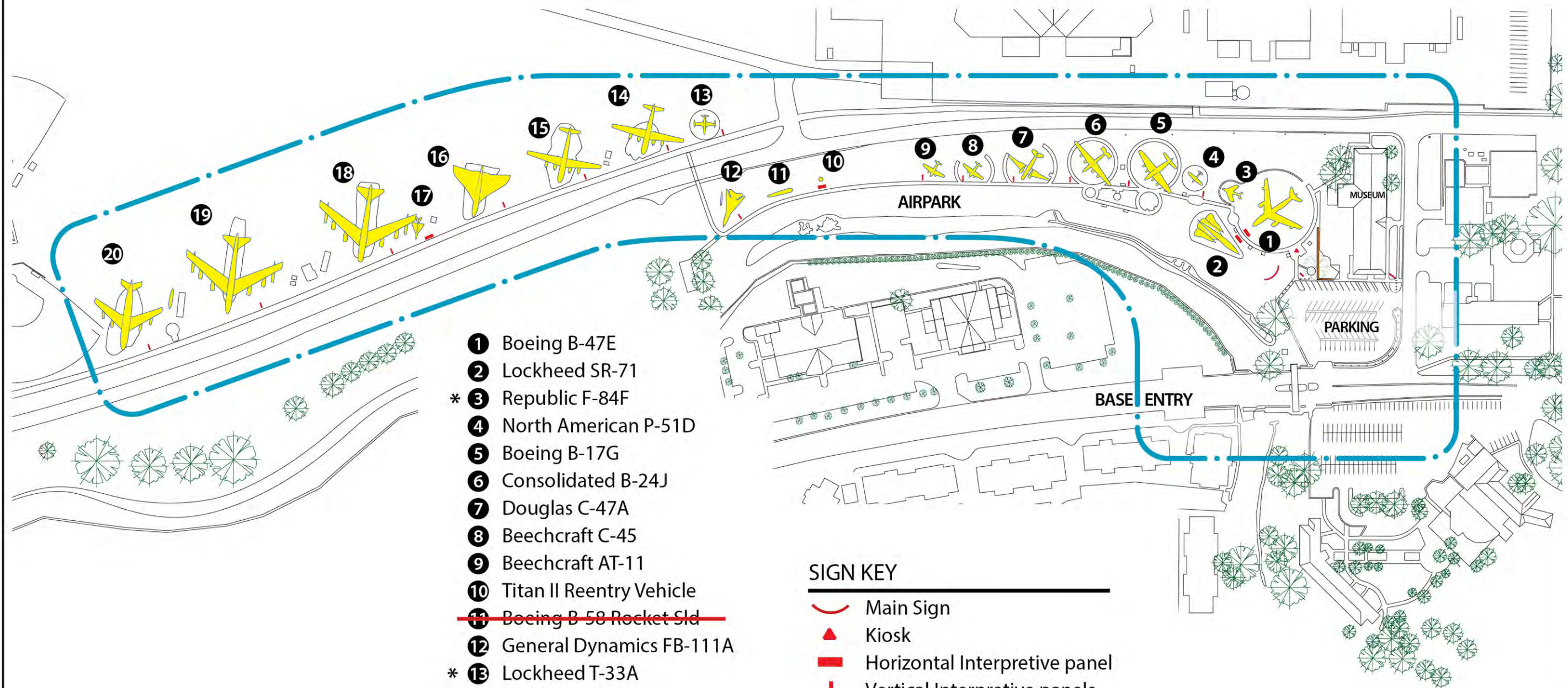
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AIRPARK  
SITE  
PLAN



- 1 Boeing B-47E
- 2 Lockheed SR-71
- \* 3 Republic F-84F
- 4 North American P-51D
- 5 Boeing B-17G
- 6 Consolidated B-24J
- 7 Douglas C-47A
- 8 Beechcraft C-45
- 9 Beechcraft AT-11
- 10 Titan II Reentry Vehicle
- ~~11 Boeing B-58 Rocket Sld~~
- 12 General Dynamics FB-111A
- \* 13 Lockheed T-33A
- 14 Boeing B-29
- 15 Boeing KC-97G/I
- 16 Avro Vulcan
- 17 MiG-21
- 18 Boeing B-52D
- 19 Boeing B-52G
- 20 Boeing KC-135A

SIGN KEY

- Main Sign
- Kiosk
- Horizontal Interpretive panel
- Vertical Interpretive panels
- Fence
- Trailhead

\* Aircraft to be eliminated



Presented by:



Prepared by:



Scale  
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& DESIGN  
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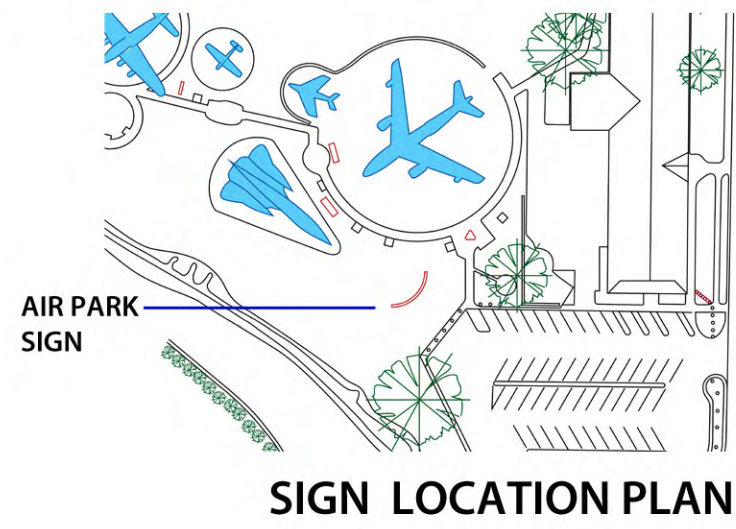
AIRPARK  
ENTRY  
CONCEPT  
-  
LIGHT STONE  
BRONZE  
LETTERS

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INCORPORATED

Prepared by:  
**K** Kaser Design

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SET OF THREE FLAGS  
US, AIR FORCE, AND  
LOUISIANA

NOTE: FLAGS  
TO BE ILLUMINATED WITH  
GROUND MOUNTED  
RECESSED LANDSCAPE  
LIGHTS

MAIN AIR PARK  
IDENTIFICATION SIGN

NATURAL BLONDE  
STACK STONE, WITH  
BRONZE ANODIZED  
HALO LIT CHANNEL  
LETTERS

IMPROVED  
SIDEWALK AND  
TRANSITION FROM  
PARKING LOT

SERIES OF STAINLESS  
STEEL BOLLARDS

AIR PARK WELCOME  
- ORIENTATION  
KIOSK





LETTERING - LAYERED, CUT-OUT  
PREFINISHED 080 ALUMINUM

LOGOS - DIRECT PRINT TO 0.25 THICK  
GREY SINTRA OR EQUAL. SILHOUETTE  
CUT-OUT AND FASTENER ATTACHED



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AIRPARK  
FENCE

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AIRCRAFT  
INTERPRETIVE  
PANEL  
DESIGN  
-  
VERTICAL

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(14) REQUIRED

South Facing  
Black & white fade resistant "attract" image



North Facing







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& DESIGN  
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AIRPARK  
INTERPRETIVE  
PANEL  
DETAILS  
-  
VERTICAL

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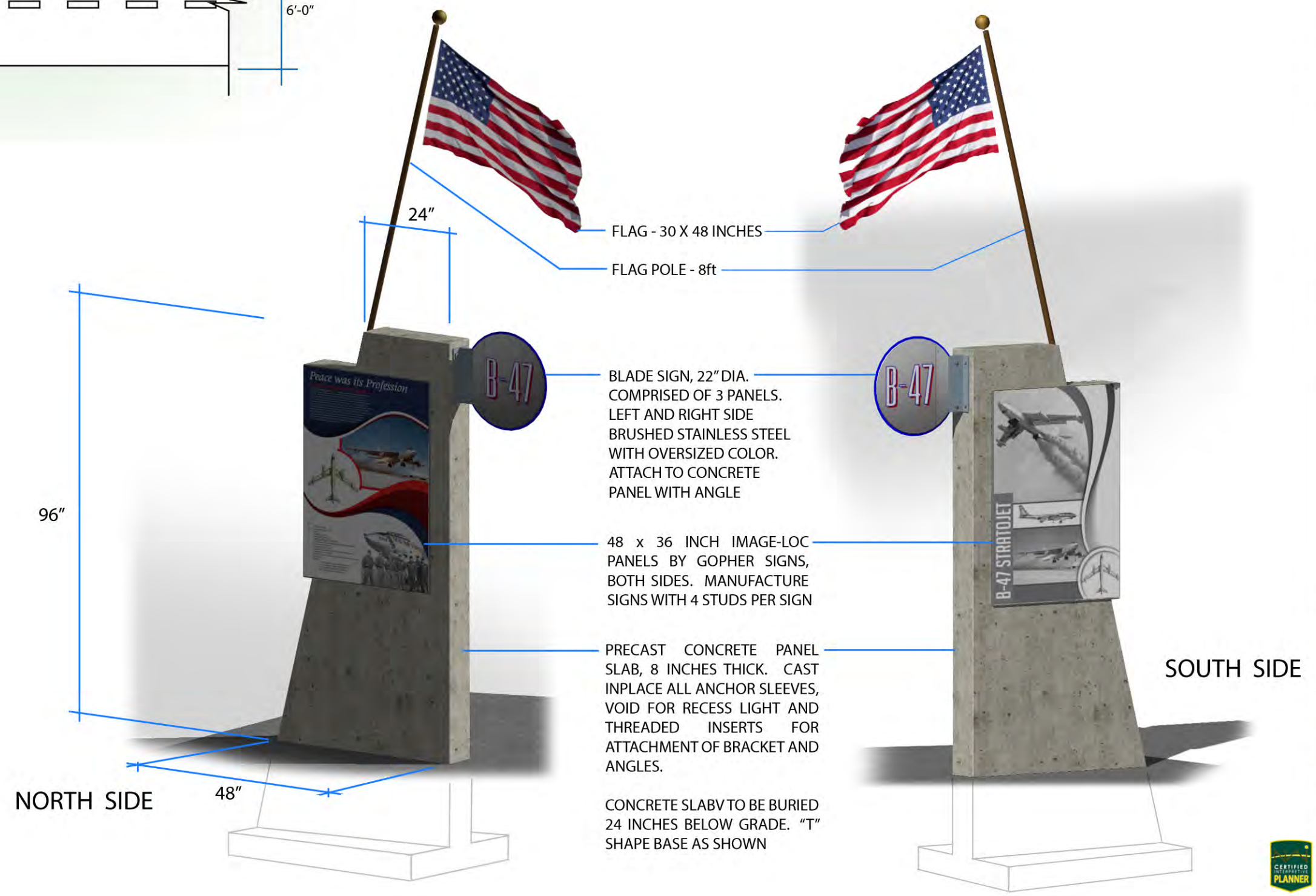
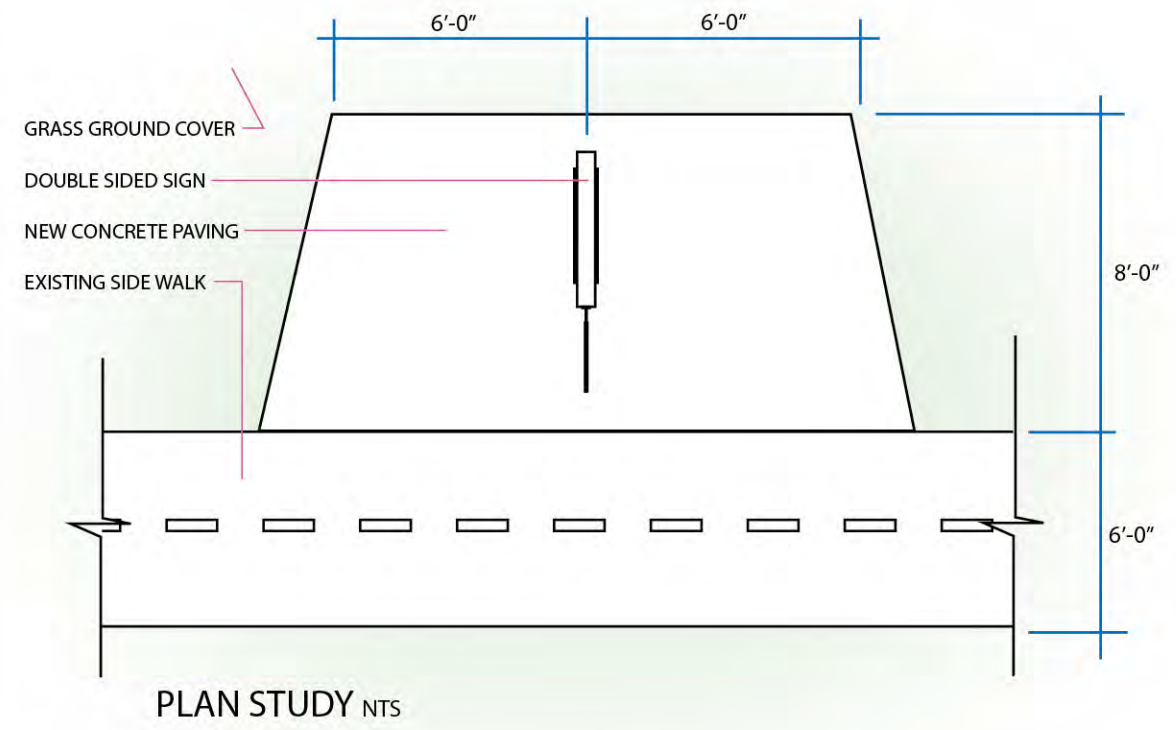


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(14) REQUIRED







AIRPLANE  
COMMON NAME

DOUBLE-SIDED  
BLADE SIGN



## Peace was its Profession

The B-47 Stratojet kept the Cold War cold

The Boeing B-47 Stratojet was a long-range strategic bomber, designed to fly at high subsonic speed and at high altitude to avoid enemy interceptor aircraft. It entered service with the USAF Strategic Air Command (SAC) in 1951 with the primary mission to drop nuclear bombs on the Soviet Union in the event the Cold War turned "hot." The Stratojet never saw combat as a bomber, but was a SAC mainstay during the late 1950s and early 1960s. In this period, SAC adopted the motto "Peace is our Profession." With six turbojet engines in nacelles under swept wings, the innovative B-47 contributed to the development of modern jet airliners. The B-47E was most numerous production model. The Stratojet remained in use as a bomber until 1965, and was also adapted to other missions, including electronic intelligence and photographic and weather reconnaissance. The B-47 remained in service until 1977.



- B-47E
- First flown: 1953
  - Total production: 1,341
  - Crew: 3
  - Length: 107 ft 1 in
  - Wingspan: 116 ft 0 in
  - Max. takeoff weight: 230,000 lb
  - Powerplant: 6 x General Electric J47-GE-25 turbojets
  - Max. speed: 607 mph
  - Cruise speed: 557 mph
  - Combat radius: 2,013 mi with 20,000 lb bombload
  - Service ceiling: 33,100 ft
  - Guns: 2x 20 mm autocannons in radar remote-controlled tail turret
  - Bombs:
    - 2 x 3.8 megaton yield nuclear bombs or
    - 1 x 25 megaton yield nuclear bomb or
    - 1 x 9 megaton yield nuclear bomb or
    - 28 x 500 lb conventional bombs



MAIN INTERPRETIVE PANEL  
NORTH FACING



MONOCHROMATIC PANEL  
SOUTH FACING



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SIGN  
COLLECTION

VERTICAL  
INTERPRETIVE  
PANEL

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AIRPARK  
INTERPRETIVE  
PANEL  
DETAILS  
-  
HORIZONTAL

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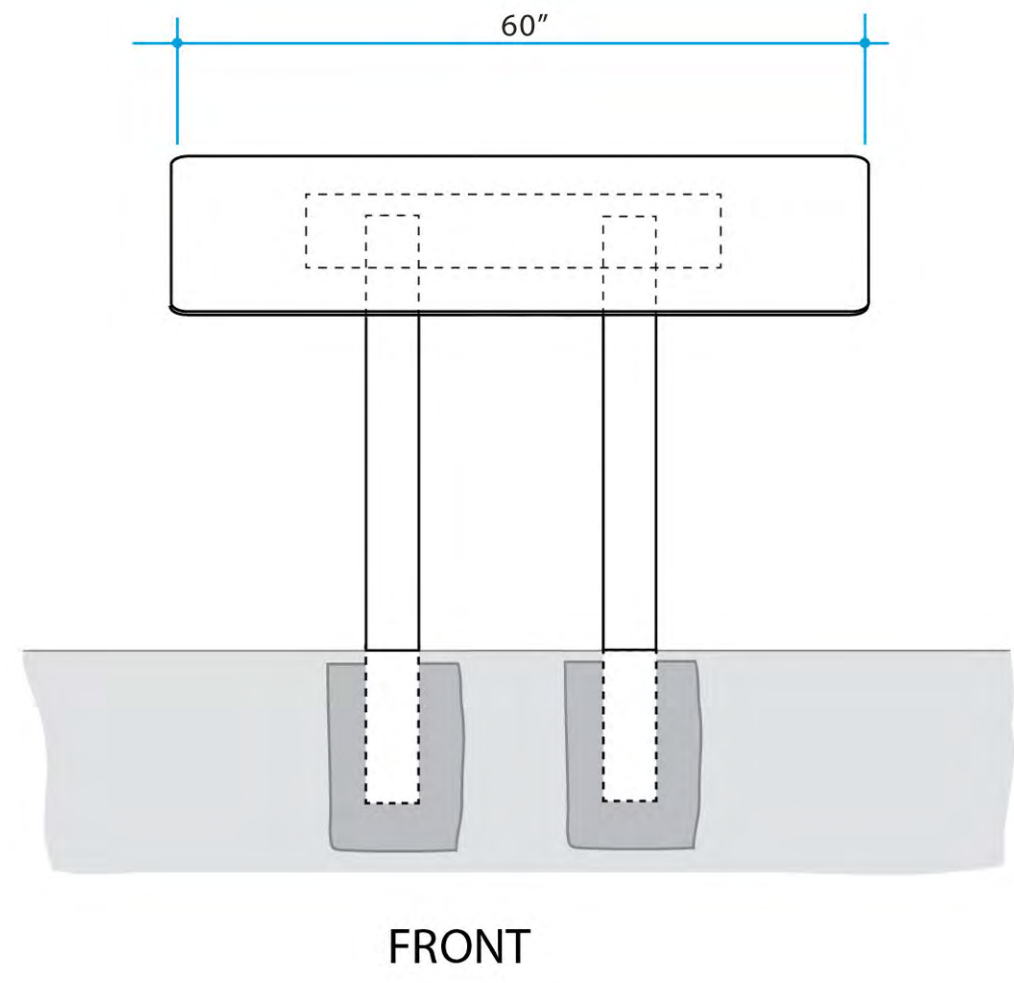
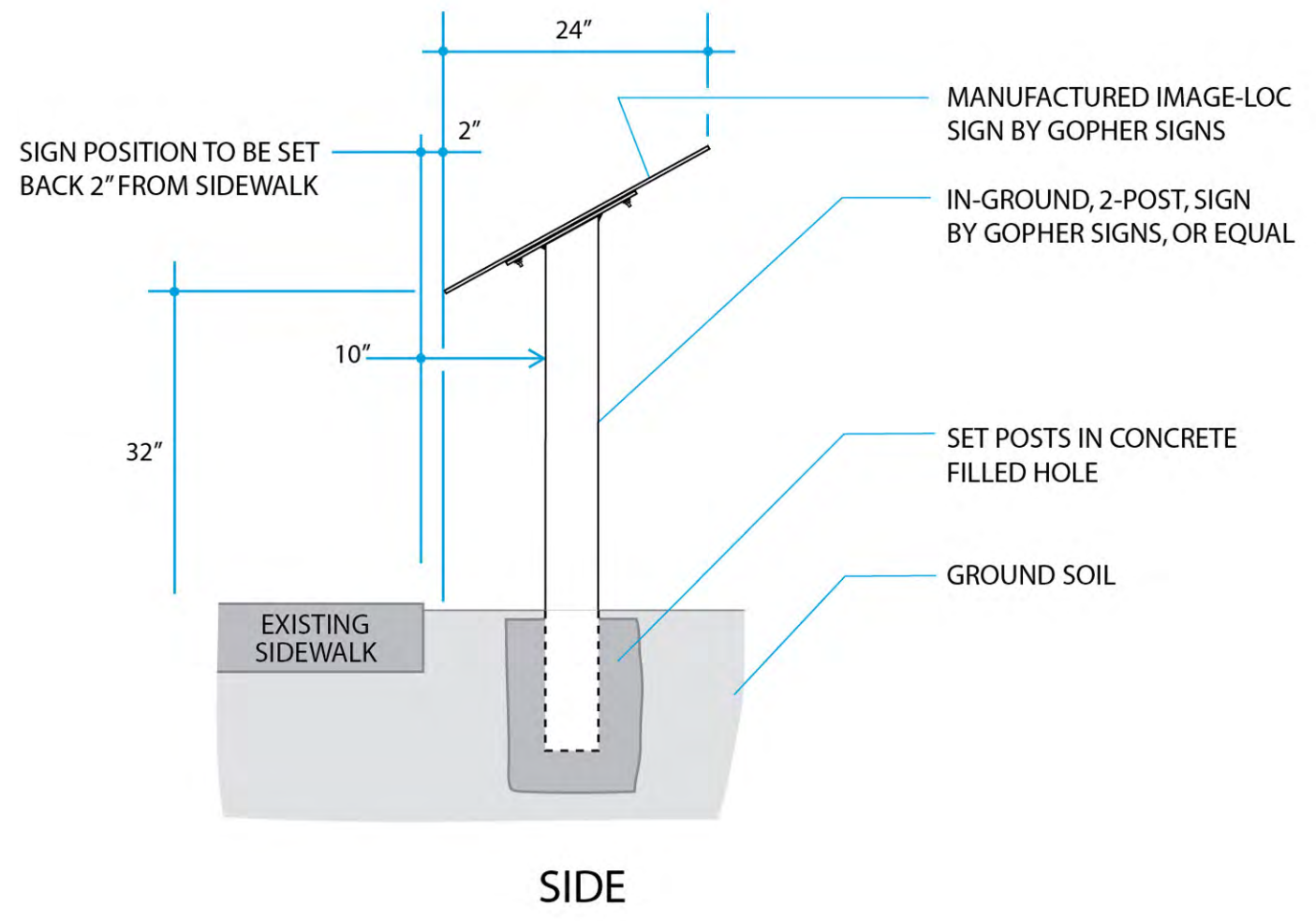
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29 of 33



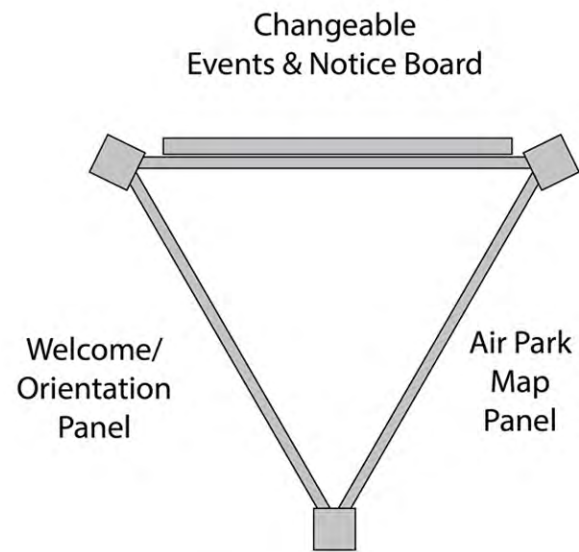
AIRCRAFT LIST

- Boeing B-47E
- Lockheed SR-71
- Titan II Reentry Vehicle
- MiG-21

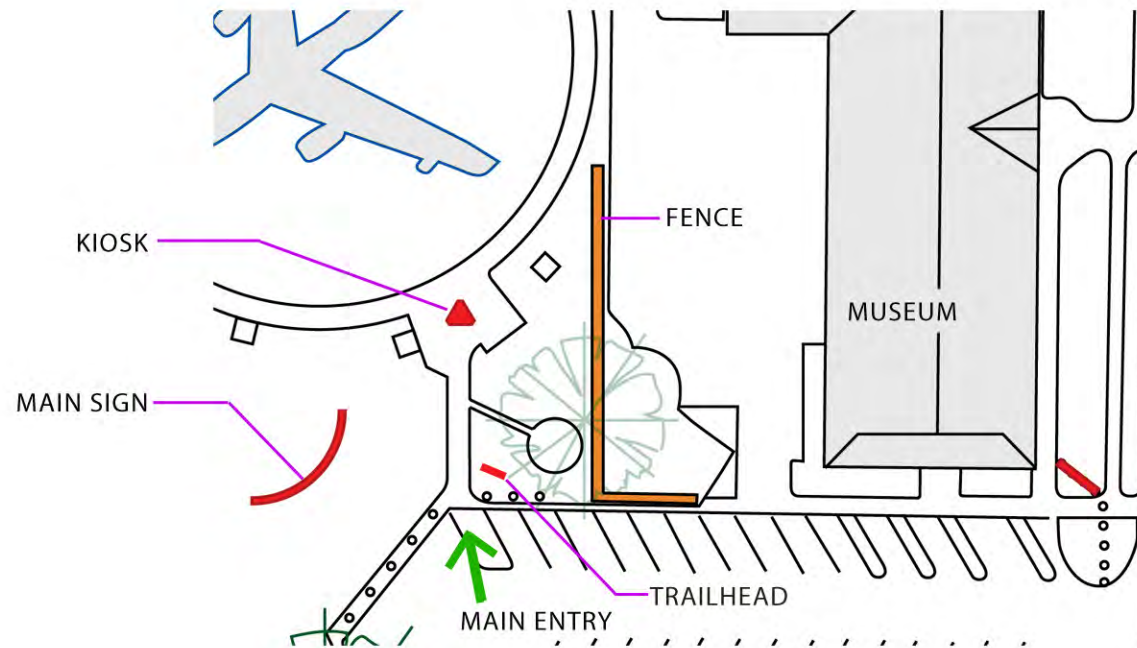
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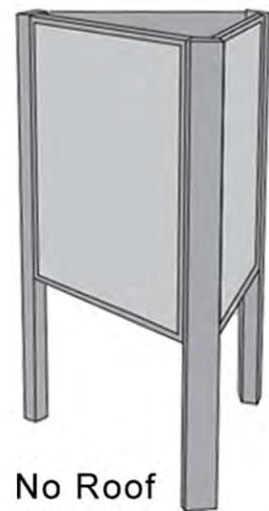


**PLAN VIEW**



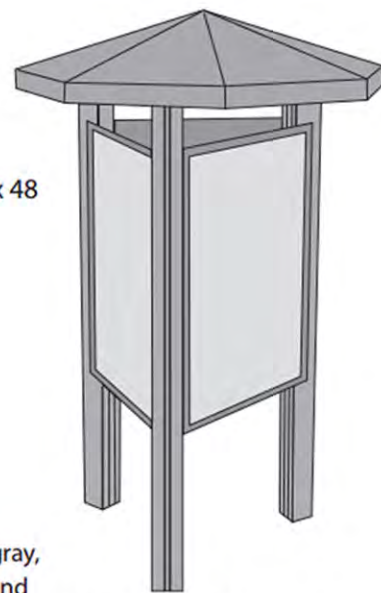
**SITE PLAN**

**Kiosk Triangle Unit**



No Roof

36 x 48



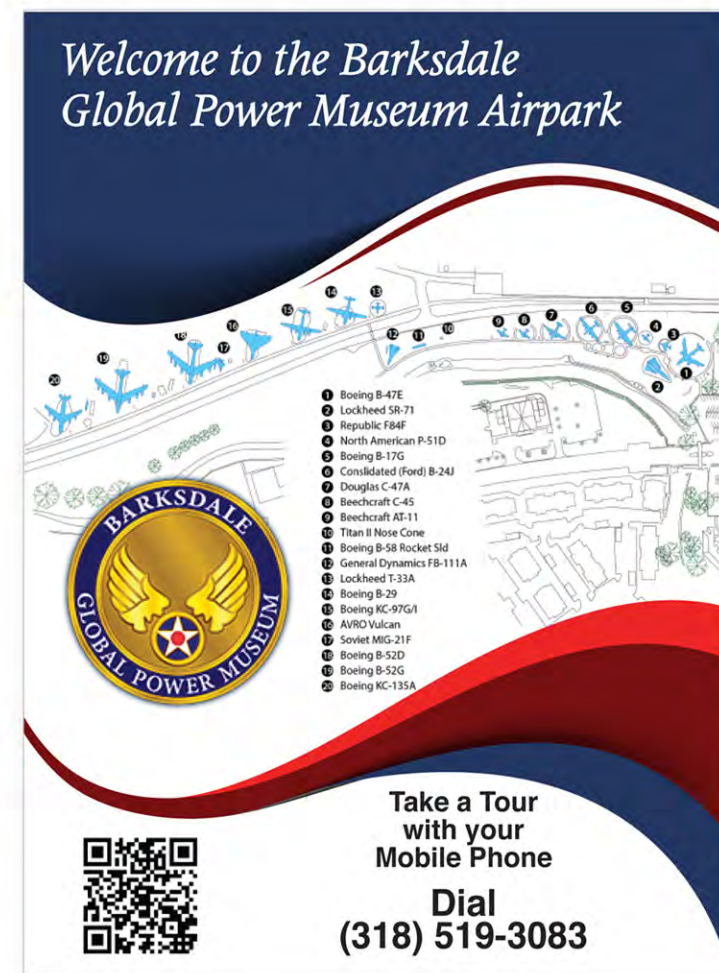
With Roof Top

- colors : GI charcoal, medium gray, NPS brown, yorktown green, and custom colors

- panel types : graphic panel or bulletin case or any combination



KIOSK PANEL - Visit BGPM - 36 x 48 Inches



KIOSK PANEL  
Air Park Welcome/Orientation - 36 x 48 Inches



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AIRPARK  
KIOSK  
-  
GRAPHIC  
PANELS

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**Airpark Interpretive Graphic Panel Design Standards**

*100% submittal design development package explores the following issues*

- Sample panel text with 150 word count
- Fundamental approach/orientation
- Information management and copy/text hierarchy

GRAPHIC  
DESIGN  
STANDARD  
INTRO

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*Prepared by:*



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**Headline** Peace was its Profession

**Sub headline** The B-47 Stratojet kept the Cold War cold

**Panel body copy** The Boeing B-47 Stratojet was a long-range strategic bomber, designed to fly at high subsonic speed and at high altitude to avoid enemy interceptor aircraft. It entered service with the USAF Strategic Air Command (SAC) in 1951 with the primary mission to drop nuclear bombs on the Soviet Union in the event the Cold War turned "hot." The Stratojet never saw combat as a bomber, but was a SAC mainstay during the late 1950s and early 1960s. In this period, SAC adopted the motto "Peace is our Profession." With six turbojet engines in nacelles under swept wings, the innovative B-47 contributed to the development of modern jet airliners. The B-47E was most numerous production model. The Stratojet remained in use as a bomber until 1965, and was also adapted to other missions, including electronic intelligence and photographic and weather reconnaissance. The B-47 remained in service until 1977.

**150 words**

- Facts** B-47E
- First flown: 1953
  - Total production: 1,341
  - Crew: 3
  - Length: 107 ft 1 in
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  - Bombs:
    - 2 × 3.8 megaton yield nuclear bombs or
    - 1 × 25 megaton yield nuclear bomb or
    - 1 × 9 megaton yield nuclear bomb or
    - 28 × 500 lb conventional bombs





# Peace was its Profession

## The B-47 Stratojet kept the Cold War cold

The Boeing B-47 Stratojet was a long-range strategic bomber, designed to fly at high subsonic speed and at high altitude to avoid enemy interceptor aircraft. It entered service with the USAF Strategic Air Command (SAC) in 1951 with the primary mission to drop nuclear bombs on the Soviet Union in the event the Cold War turned "hot." The Stratojet never saw combat as a bomber, but was a SAC mainstay during the late 1950s and early 1960s. In this period, SAC adopted the motto "Peace is our Profession." With six turbojet engines in nacelles under swept wings, the innovative B-47 contributed to the development of modern jet airliners. The B-47E was most numerous production model. The Stratojet remained in use as a bomber until 1965, and was also adapted to other missions, including electronic intelligence and photographic and weather reconnaissance. The B-47 remained in service until 1977.



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Standard panel size - 36 x 48 inch

Specifications: Headline: Gill Sans MT Ext Condensed Bold, 288pt  
 Subheadline: Myriad Pro Bold, 61pt  
 Body Copy: Myriad Pro Reg, 34pt  
 Colors: CMYK, PMS 185, PMS 2935, PMS 1815  
 Format: Flush Left  
 Photos: Full Color, Black & White

Specifications: Headline: Gill Sans MT Ext Condensed Bold, 309pt  
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 Body Copy: Myriad Pro Reg, 34pt  
 Colors: CMYK, PMS 185, PMS 2935, PMS 1815  
 Format: Flush Left  
 Photos: Full Color, Black & White

# Peace was its Profession

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Standard panel size - 24 x 48 inch



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AIRPARK  
 GRAPHIC  
 STYLE

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Appendix **E**  
Implementation Cost Estimates  
*and*  
Sequential Fabrication & Implementation Phasing Plan

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**IMPLEMENTATION  
COST  
ESTIMATE  
-  
OVERALL**

**Notes**

Preparation and alteration of the existing conditions are not calculated in these estimate projections. It is understood the owner will perform the tasks of demolition and building alteration to support the proposed solutions.

Alterations may include any or all of the following:

- Floor finish
- Ceiling tear-out and paint finish
- Wall painting and or refinishing
- Electrical schematics
- General and exhibit lighting
- Structural ceiling anchor points

Exhibit support to be provided by owner may include the following:

- Scaled models of Air Force aircraft, bombs, munitions
- US Air Force image content including: logos, photos, maps, etc.
- Memorabilia including: awards, flags, individual recognitions, etc.
- Select props including: sand bags, hardware, uniforms, fire arms, etc.

**Additional notes**

- Delivery and installation costs are calculated individually and do not reflect any group or volume scenario.
- Labor and material costs are based upon normal working conditions and do not represent a shortened time table scenario.
- Graphics to be applied directly to building walls must have properly prepared smooth finish.

Barksdale Gobar Power Museum	Fabrication/procurement									Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total	Notes
	Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%										
Entry Area	95250	23750	0	1200	5950	0	14500	8650	149300		151650	15165	166815	13345.2	180160.2	\$	180,160.20	
Quonset Hut	107500	3819	0	0	10	21300	35000	10750	178379		251483	25148.3	276631.3	22130.504	298761.804	\$	298,761.80	
Hallway	3000	1000	0	0	0	1500	0	300	5800		5800	580	6380	510.4	6890.4	\$	6,890.40	
Hoy Barksdale room	39600	0	0	400	2000	11000	10500	3960	67460		86420	8642	95062	7604.96	102666.96	\$	102,666.96	
WWI - Alcove	23965	1200	0	800	5000	0	8000	2296.5	41261.5		47843.5	4784.35	52627.85	4210.228	56838.078	\$	56,838.08	
WWII Gallery	80700	10000	840	800	8500	0	16000	7970	123970		151510	15151	166661	13332.88	179993.88	\$	179,993.88	
Cold War I	33000	0	840	950	9700	0	12000	3100	58750		81550	8155	89705	7176.4	96881.4	\$	96,881.40	
Cold War II	54300	500	840	800	8500	12600	12000	4670	93370		161370	16137	177507	14200.56	191707.56	\$	191,707.56	
Hallway	600	0	0	400	2000	1000	1700	60	5760		5760	576	6336	506.88	6842.88	\$	6,842.88	
Attacks - September 11, 2001	8600	1960	560	800	6200	19500	9000	710	46770		73890	7389	81279	6502.32	87781.32	\$	87,781.32	
GWOT	26500	4500	840	800	9700	17000	14500	2650	75650		173610	17361	190971	15277.68	206248.68	\$	206,248.68	
Exit	15000	0	0	1600	6600	8800	3500	1500	37000		37000	3700	40700	3256	43956	\$	43,956.00	
<b>Total</b>	<b>488015</b>	<b>46729</b>	<b>3920</b>	<b>8550</b>	<b>64160</b>	<b>92700</b>	<b>136700</b>	<b>46616.5</b>	<b>883470.5</b>		<b>1227886.5</b>	<b>122788.65</b>	<b>1350675.15</b>	<b>108054.012</b>	<b>1458729.162</b>	<b>\$</b>	<b>1,458,729.16</b>	

Barksdale Gobar Power Airpark	Fabrication/procurement									Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total	
	Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%										
Main sign	21655	3122	3000	0	0	0	1500	1555.5	30832.5		40564	4056.4	44620.4	3569.632	48190.032	\$	48,190.03	
Entry walk	7500	385	0	0	0	0	2500	750	11135	0	13060	1306	14366	1149.28	15515.28	\$	15,515.28	
Aircraft interpretive signage, kiosk, trailhead	15940.75	2375.00	0.00	2200.00	3300.00	8976.50	8000.00	6978.53	47914.78		190779.20	19077.92	209857.12	16788.57	226645.69	\$	226,645.69	
Fence	4550	0	0	0	0	25	0	0	4575	0	12250	1225	13475	1078	14553	\$	14,553.00	
<b>Total</b>	<b>49645.75</b>	<b>5882</b>	<b>3000</b>	<b>2200</b>	<b>3300</b>	<b>9001.5</b>	<b>12000</b>	<b>9284.025</b>	<b>94457.275</b>		<b>256653.2</b>	<b>25665.32</b>	<b>282318.52</b>	<b>22585.4816</b>	<b>304904.0016</b>	<b>\$</b>	<b>304,904.00</b>	

Presented by:



Prepared by:



Scale  
N. T. S.

Sheet

**E1**







**EXHIBIT  
CONCEPT  
& DESIGN  
STANDARDIZATION**

final submittal



design

Date:  
**May 12, 2017**

**MUSEUM  
IMPLEMENTATION  
COST  
ESTIMATE  
-  
DETAIL**

Presented by:



Prepared by:



Scale  
N. T. S.

Sheet  
**E2**



Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%								
<b>Entry Area</b>																	\$ 180,160.20
	Gift store relocation	20000	0	0	0	0	0	0	2000	22000	1	22000	2200	24200	1936	26136.00	
	Gift store new glass façade	12000	0	0	0	0	0	0	1200	13200	1	13200	1320	14520	1161.6	15681.60	
	Gift store sign	4000	0	0	0	0	0	0	400	4400	1	4400	440	4840	387.2	5227.20	
	Gift store corner sign	1500	0	0	0	0	0	0	150	1650	1	1650	165	1815	145.2	1960.20	
	Gift store wrapping graphic - 90 Lft	6750	0	0	0	0	0	0	0	6750	1	6750	675	7425	594	8019.00	
	New merchandise displays		8000	0	0	0	0	0	0	8000	1	8000	800	8800	704	9504.00	
	Quonset hut façade	10000	0	0	0	0	0	0	1000	11000	1	11000	1100	12100	968	13068.00	
	Quonset hut barn door	2000	0	0	0	0	0	0	200	2200	1	2200	220	2420	193.6	2613.60	
	Quonset hut interpretive panel	600	0	0	400	2000	0	0	60	3060	1	3060	306	3366	269.28	3635.28	
	Quonset hut mobile sign	800	0	0	0	0	0	0	80	880	1	880	88	968	77.44	1045.44	
	Quonset hut main sign	1500	0	0	0	0	0	0	150	1650	1	1650	165	1815	145.2	1960.20	
	Bomb props		600	0	0	0	0	0	0	600	1	600	60	660	52.8	712.80	
	Sand bags		150	0	0	0	0	0	0	150	4	600	60	660	52.8	712.80	
	Floor decal	2000	0	0	0	400	0	0	0	2400	1	2400	240	2640	211.2	2851.20	
	Entry display	16000	0	0	800	3300	0	0	1600	21700	1	21700	2170	23870	1909.6	25779.60	
	M50 display case	4000	0	0	0	0	0	0	400	4400	1	4400	440	4840	387.2	5227.20	
	Ceiling disc	3600	0	0	0	0	0	0	360	3960	1	3960	396	4356	348.48	4704.48	
	Gift store counter	6000	0	0	0	0	0	0	600	6600	1	6600	660	7260	580.8	7840.80	
	Gift store counter roll down	3000	0	0	0	0	0	0	300	3300	1	3300	330	3630	290.4	3920.40	
	Aircraft model B47	0	5000	0	0	0	0	0	0	5000	1	5000	500	5500	440	5940.00	
	Aircraft model B52	0	5000	0	0	0	0	0	0	5000	1	5000	500	5500	440	5940.00	
	Aircraft model B17	0	5000	0	0	0	0	0	0	5000	1	5000	500	5500	440	5940.00	
	Wayfinding sign	1500	0	0	0	250	0	0	150	1900	2	3800	380	4180	334.4	4514.40	
	Delivery	0	0	0	0	0	0	4500	0	4500	1	4500	450	4950	396	5346.00	
	Installation	0	0	0	0	0	0	10000	0	10000	1	10000	1000	11000	880	11880.00	
	<b>Total</b>	<b>95250</b>	<b>23750</b>	<b>0</b>	<b>1200</b>	<b>5950</b>	<b>0</b>	<b>14500</b>	<b>8650</b>	<b>149300</b>		<b>151650</b>	<b>15165</b>	<b>166815</b>	<b>13345.2</b>	<b>\$ 180,160.20</b>	

Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%								
<b>Quonset Hut</b>																	\$ 298,761.80
	Ceiling	50000	0	0	0	0	0	0	5000	55000	1	55000	5500	60500	4840	65340	
	Floor	15000	0	0	0	0	0	0	1500	16500	1	16500	1650	18150	1452	19602	
	Walls	25000	0	0	0	0	0	0	2500	27500	1	27500	2750	30250	2420	32670	
	Pendant industrial lights and fans	0	900	0	0	0	0	0	0	900	8	7200	720	7920	633.6	8553.6	
	AV projector system	0	0	0	0	0	16000	0	0	16000	1	16000	1600	17600	1408	19008	
	Audio system	0	0	0	0	0	2500	0	0	2500	1	2500	250	2750	220	2970	
	Podium	0	2000	0	0	0	0	0	0	2000	1	2000	200	2200	176	2376	
	Signs	0	250	0	0	0	0	0	0	250	1	250	25	275	22	297	
	Flags	0	85	0	0	0	0	0	0	85	2	170	17	187	14.96	201.96	
	Ceiling flag screens	0	69	0	0	0	0	0	0	69	2	138	13.8	151.8	12.144	163.944	
	Commemorative display case	16000	0	0	0	0	0	0	1600	17600	1	17600	1760	19360	1548.8	20908.8	
	Crystal awards	0	55	0	0	10	0	0	0	65	125	8125	812.5	8937.5	715	9652.5	
	Windows	1500	0	0	0	0	0	0	150	1650	6	9900	990	10890	871.2	11761.2	
	AV flat screen window	0	0	0	0	0	1300	0	0	1300	6	7800	780	8580	686.4	9266.4	
	Outdoor scene	0	0	0	0	0	1000	0	0	1000	6	6000	600	6600	528	7128	
	AV screen content & programming	0	0	0	0	0	500	0	0	500	6	3000	300	3300	264	3564	
	Chairs	0	460	0	0	0	0	0	0	460	80	36800	3680	40480	3238.4	43718.4	
	Delivery	0	0	0	0	0	0	10000	0	10000	1	10000	1000	11000	880	11880	
	Installation	0	0	0	0	0	0	25000	0	25000	1	25000	2500	27500	2200	29700.00	
	<b>Total</b>	<b>107500</b>	<b>3819</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>21300</b>	<b>35000</b>	<b>10750</b>	<b>178379</b>		<b>251483</b>	<b>25148.3</b>	<b>276631.3</b>	<b>22130.504</b>	<b>\$ 298,761.80</b>	





**EXHIBIT  
CONCEPT  
& DESIGN  
STANDARDIZATION**

final submittal



design

Date:  
May 12, 2017

**MUSEUM  
IMPLEMENTATION  
COST  
ESTIMATE  
-  
DETAIL**

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N. T. S.

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**E3**



Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%								
<b>Hallway</b>																	\$ 6,890.40
	Chase lights	1000	1000	0	0	0	1000	0	100	3100	1	3100	310	3410	272.8	3682.8	
	Controller	0	0	0	0	0	500	0	0	500	1	500	50	550	44	594	
	Millwork	2000	0	0	0	0	0	0	200	2200	1	2200	220	2420	193.6	2613.6	
	Delivery	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
	Installation	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
	<b>Total</b>	<b>3000</b>	<b>1000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1500</b>	<b>0</b>	<b>300</b>	<b>5800</b>		<b>5800</b>	<b>580</b>	<b>6380</b>	<b>510.4</b>	<b>\$ 6,890.40</b>	

Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%								
<b>Hoy Barksdale room</b>																	\$ 102,666.96
	Tempered glass wall	24000	0	0	0	0	0	0	2400	26400	1	26400	2640	29040	2323.2	31363.2	
	New handrail	6000	0	0	0	0	0	0	600	6600	1	6600	660	7260	580.8	7840.8	
	Handrail top -artifact case, screen enclosure	6000	0	0	0	0	0	0	600	6600	1	6600	660	7260	580.8	7840.8	
	Touch screen	0	0	0	0	0	900	0	0	900	2	1800	180	1980	158.4	2138.4	
	Touch screen driver	0	0	0	0	0	1100	0	0	1100	2	2200	220	2420	193.6	2613.6	
	AV screen content & programing	0	0	0	0	0	5000	0	0	5000	2	10000	1000	11000	880	11880	
	Interpretive panel	600	0	0	400	2000	0	0	60	3060	2	6120	612	6732	538.56	7270.56	
	Relocate artifacts on mantel	1500	0	0	0	0	0	0	150	1650	1	1650	165	1815	145.2	1960.2	
	Windows	1500	0	0	0	0	0	0	150	1650	3	4950	495	5445	435.6	5880.6	
	AV flat screen window	0	0	0	0	0	1300	0	0	1300	3	3900	390	4290	343.2	4633.2	
	Outdoor scene	0	0	0	0	0	1000	0	0	1000	3	3000	300	3300	264	3564	
	AV screen content & program	0	0	0	0	0	500	0	0	500	3	1500	150	1650	132	1782	
	Radio audio player and content recording	0	0	0	0	0	1200	0	0	1200	1	1200	120	1320	105.6	1425.6	
	Delivery	0	0	0	0	0	0	3000	0	3000	1	3000	300	3300	264	3564	
	Installation	0	0	0	0	0	0	7500	0	7500	1	7500	750	8250	660	8910	
	<b>Total</b>	<b>39600</b>	<b>0</b>	<b>0</b>	<b>400</b>	<b>2000</b>	<b>11000</b>	<b>10500</b>	<b>3960</b>	<b>67460</b>		<b>86420</b>	<b>8642</b>	<b>95062</b>	<b>7604.96</b>	<b>\$ 102,666.96</b>	

Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%								
<b>WWI - Alcove</b>																	\$ 56,838.08
	Ceiling chandler	0	700	0	0	0	0	0	0	700	1	700	70	770	61.6	831.6	
	Big display case	6000	0	0	0	0	0	0	600	6600	1	6600	660	7260	580.8	7840.8	
	Aero bombardment target diorama	12500	0	0	0	0	0	0	1250	13750	1	13750	1375	15125	1210	16335	
	Display case	3000	0	0	0	0	0	0	300	3300	1	3300	330	3630	290.4	3920.4	
	Artifact handling	1000	0	0	0	0	0	0	0	1000	1	1000	100	1100	88	1188	
	Mannequin	0	500	0	0	0	0	0	0	500	1	500	50	550	44	594	
	Handrail	125	0	0	0	0	0	0	12.5	137.5	1	137.5	13.75	151.25	12.1	163.35	
	Framed wall pictures	140	0	0	0	0	0	0	14	154	4	616	61.6	677.6	54.208	731.808	
	Interpretive panels	600	0	0	400	2000	0	0	60	3060	3	9180	918	10098	807.84	10905.84	
	Time line	600	0	0	400	3000	0	0	60	4060	1	4060	406	4466	357.28	4823.28	
	Delivery	0	0	0	0	0	0	3000	0	3000	1	3000	300	3300	264	3564	
	Installation	0	0	0	0	0	0	5000	0	5000	1	5000	500	5500	440	5940	
	<b>Total</b>	<b>23965</b>	<b>1200</b>	<b>0</b>	<b>800</b>	<b>5000</b>	<b>0</b>	<b>8000</b>	<b>2296.5</b>	<b>41261.5</b>		<b>47843.5</b>	<b>4784.35</b>	<b>52627.85</b>	<b>4210.228</b>	<b>\$ 56,838.08</b>	





EXHIBIT  
CONCEPT  
& DESIGN  
STANDARDIZATION

final submittal



design

Date:  
May 12, 2017

MUSEUM  
IMPLEMENTATION  
COST  
ESTIMATE  
-  
DETAIL

Presented by:



Prepared by:



Scale  
N. T. S.

Sheet

E4



Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%								
<b>WWII Gallery</b>																	\$ 179,993.88
	Wrapping graphic timeline - 100 Lft	7500	0	0	0	3500	0	0	750	11750	1	11750	1175	12925	1034	13959	
	Wall artifact case	12000	0	0	0	0	0	0	1200	13200	1	13200	1320	14520	1161.6	15681.6	
	Fleur de lis	2500	0	0	0	0	0	0	250	2750	1	2750	275	3025	242	3267	
	Fence and lamp posts	1500	0	0	0	0	0	0	150	1650	1	1650	165	1815	145.2	1960.2	
	Aero bombardment target diorama	15000	0	0	0	0	0	0	1500	16500	1	16500	1650	18150	1452	19602	
	Norden bomb site case	2000	0	0	0	0	0	0	200	2200	1	2200	220	2420	193.6	2613.6	
	Artifact handling	1000	0	0	0	0	0	0	0	1000	1	1000	100	1100	88	1188	
	Interpretive panels	600	0	0	400	2000	0	0	60	3060	10	30600	3060	33660	2692.8	36352.8	
	Time line	600	0	0	400	3000	0	0	60	4060	1	4060	406	4466	357.28	4823.28	
	Display wall with pocket barn doors	25000	0	0	0	0	0	0	2500	27500	1	27500	2750	30250	2420	32670	
	POW artifact case	2000	0	0	0	0	0	0	200	2200	1	2200	220	2420	193.6	2613.6	
	Fat man bomb model	0	10000	0	0	0	0	0	0	10000	1	10000	1000	11000	880	11880	
	Fat man outline	3000	0	0	0	0	0	0	300	3300	1	3300	330	3630	290.4	3920.4	
	Ceiling panel with lights	8000	0	840	0	0	0	0	800	8800	1	8800	880	9680	774.4	10454.4	
	Delivery	0	0	0	0	0	0	6000	0	6000	1	6000	600	6600	528	7128	
	Installation	0	0	0	0	0	0	10000	0	10000	1	10000	1000	11000	880	11880	
	<b>Total</b>	<b>80700</b>	<b>10000</b>	<b>840</b>	<b>800</b>	<b>8500</b>	<b>0</b>	<b>16000</b>	<b>7970</b>	<b>123970</b>		<b>151510</b>	<b>15151</b>	<b>166661</b>	<b>13332.88</b>	<b>\$ 179,993.88</b>	

Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%								
<b>Cold War I</b>																	\$ 96,881.40
	Wrapping graphic timeline - 80 Lft	6000	0	0	0	3200	0	0	600	9800	1	9800	980	10780	862.4	11642.4	
	Cold War wall panel with barbwire	6000	0	0	0	0	0	0	600	6600	1	6600	660	7260	580.8	7840.8	
	Central bomb center piece	10000	0	0	0	0	0	0	1000	11000	1	11000	1100	12100	968	13068	
	Panel and post	300	0	0	150	1500	0	0	30	1980	3	5940	594	6534	522.72	7056.72	
	In-wall display cases	1500	0	0	0	0	0	0	150	1650	5	8250	825	9075	726	9801	
	Artifact handling	2000	0	0	0	0	0	0	0	2000	1	2000	200	2200	176	2376	
	Interpretive panels	600	0	0	400	2000	0	0	60	3060	5	15300	1530	16830	1346.4	18176.4	
	Time line	600	0	0	400	3000	0	0	60	4060	1	4060	406	4466	357.28	4823.28	
	Ceiling panel	6000	0	840	0	0	0	0	600	6600	1	6600	660	7260	580.8	7840.8	
	Delivery	0	0	0	0	0	0	4500	0	4500	1	4500	450	4950	396	5346	
	Installation	0	0	0	0	0	0	7500	0	7500	1	7500	750	8250	660	8910	
	<b>Total</b>	<b>33000</b>	<b>0</b>	<b>840</b>	<b>950</b>	<b>9700</b>	<b>0</b>	<b>12000</b>	<b>3100</b>	<b>58750</b>		<b>81550</b>	<b>8155</b>	<b>89705</b>	<b>7176.4</b>	<b>\$ 96,881.40</b>	

Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%								
<b>Cold War II</b>																	\$ 191,707.56
	Wrapping graphic timeline - 120 Lft	9000	0	0	0	3500	0	0	900	13400	1	13400	1340	14740	1179.2	15919.2	
	Cold War wall panel with barbwire	12000	0	0	0	0	0	0	1200	13200	1	13200	1320	14520	1161.6	15681.6	
	Bomb props	0	500	0	0	0	0	0	0	500	5	2500	250	2750	220	2970	
	Wall displays Berlin wall	8000	0	0	0	0	0	0	800	8800	1	8800	880	9680	774.4	10454.4	
	Artifact handling	1000	0	0	0	0	0	0	0	1000	1	1000	100	1100	88	1188	
	Interpretive panels	600	0	0	400	2000	0	0	60	3060	1	3060	306	3366	269.28	3635.28	
	Time line	600	0	0	400	3000	0	0	60	4060	1	4060	406	4466	357.28	4823.28	
	Aero bombardment target diorama	15000	0	0	0	0	0	0	1500	16500	5	82500	8250	90750	7260	98010	
	Vietnam AV	0	0	0	0	0	1300	0	0	1300	1	1300	130	1430	114.4	1544.4	
	AV screen content & program	0	0	0	0	0	5000	0	0	5000	1	5000	500	5500	440	5940	
	Gulf War AV	0	0	0	0	0	1300	0	0	1300	1	1300	130	1430	114.4	1544.4	
	AV screen content & program	0	0	0	0	0	5000	0	0	5000	1	5000	500	5500	440	5940	
	Red carpet artifact case	1500	0	0	0	0	0	0	150	1650	1	1650	165	1815	145.2	1960.2	
	Red carpet	600	0	0	0	0	0	0	0	600	1	600	60	660	52.8	712.8	
	Ceiling panel with lights	6000	0	840	0	0	0	0	0	6000	1	6000	600	6600	528	7128	
	Delivery	0	0	0	0	0	0	4500	0	4500	1	4500	450	4950	396	5346	
	Installation	0	0	0	0	0	0	7500	0	7500	1	7500	750	8250	660	8910	
	<b>Total</b>	<b>54300</b>	<b>500</b>	<b>840</b>	<b>800</b>	<b>8500</b>	<b>12600</b>	<b>12000</b>	<b>4670</b>	<b>93370</b>		<b>161370</b>	<b>16137</b>	<b>177507</b>	<b>14200.56</b>	<b>\$ 191,707.56</b>	





EXHIBIT  
CONCEPT  
& DESIGN  
STANDARDIZATION

final submittal



design

Date:  
May 12, 2017

MUSEUM  
IMPLEMENTATION  
COST  
ESTIMATE  
-  
DETAIL

Presented by:



Prepared by:



Scale  
N. T. S.

Sheet

E5



Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total	Notes
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%									
Hallway																	\$ 6,842.88	
	Audio program	0	0	0	0	0	500	0	0	500	1	500	50	550	44	594		
	Audio hardware system	0	0	0	0	0	500	0	0	500	1	500	50	550	44	594		
	Interpretive panels	600	0	0	400	2000	0	0	60	3060	1	3060	306	3366	269.28	3635.28		
	Delivery	0	0	0	0	0	0	500	0	500	1	500	50	550	44	594		
	Installation	0	0	0	0	0	0	1200	0	1200	1	1200	120	1320	105.6	1425.6		
	<b>Total</b>	600	0	0	400	2000	1000	1700	60	5760		5760	576	6336	506.88	\$ 6,842.88		

Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total	Notes
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%									
Attacks - September 11, 2001																	\$ 87,781.32	
	Wrapping graphic timeline - 20Lft	1500	0	0	0	1200	0	0	150	2850	1	2850	285	3135	250.8	3385.8		
	Gulf War AV - 80" interactive touch screen	0	0	0	0	0	14500	0	0	14500	1	14500	1450	15950	1276	17226		
	AV screen content & program	0	0	0	0	0	5000	0	0	5000	5	25000	2500	27500	2200	29700		
	Interpretive panels	600	0	0	400	2000	0	0	60	3060	2	6120	612	6732	538.56	7270.56		
	Time line	600	0	0	400	3000	0	0	60	4060	1	4060	406	4466	357.28	4823.28		
	Carpet	0	1200	0	0	0	0	0	0	1200	1	1200	120	1320	105.6	1425.6		
	Podium	1500	0	0	0	0	0	0	0	1500	1	1500	150	1650	132	1782		
	Props - flags, framed pictures	0	390	0	0	0	0	0	0	390	5	1950	195	2145	171.6	2316.6		
	3D lettering on walls	400	0	0	0	0	0	0	40	440	5	2200	220	2420	193.6	2613.6		
	furniture cubes	0	370	0	0	0	0	0	0	370	3	1110	111	1221	97.68	1318.68		
	Ceiling panel	4000	0	560	0	0	0	0	400	4400	1	4400	440	4840	387.2	5227.2		
	Delivery	0	0	0	0	0	0	3000	0	3000	1	3000	300	3300	264	3564		
	Installation	0	0	0	0	0	0	6000	0	6000	1	6000	600	6600	528	7128		
	<b>Total</b>	8600	1960	560	800	6200	19500	9000	710	46770		73890	7389	81279	6502.32	\$ 87,781.32		

Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total	Notes
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%									
GWOT																	\$ 206,248.68	
	Wrapping graphic timeline - 120 Lft	9000	0	0	0	3500	0	0	900	13400	1	13400	1340	14740	1179.2	15919.2		
	Ceiling disc	6600	0	840	0	0	0	0	660	7260	1	7260	726	7986	638.88	8624.88		
	Laser light	0	0	0	0	0	3200	0	0	3200	2	6400	640	7040	563.2	7603.2		
	Ceiling Bomb props	0	500	0	0	0	0	0	0	500	24	12000	1200	13200	1056	14256		
	Large wall panels	1200	0	0	0	1200	0	0	120	2520	7	17640	1764	19404	1552.32	20956.32		
	Interpretive panels	600	0	0	400	2000	0	0	60	3060	5	15300	1530	16830	1346.4	18176.4		
	Time line	600	0	0	400	3000	0	0	60	4060	1	4060	406	4466	357.28	4823.28		
	Legacy Digital signage	0	0	0	0	0	2500	0	0	2500	5	12500	1250	13750	1100	14850		
	Tibbets Legacy	0	2500	0	0	0	5000	0	0	7500	1	7500	750	8250	660	8910		
	Digital signage Av	0	0	0	0	0	1300	0	0	1300	5	6500	650	7150	572	7722		
	AV screen content & program	0	0	0	0	0	5000	0	0	5000	5	25000	2500	27500	2200	29700		
	Kiosk	3500	0	0	0	0	0	0	350	3850	5	19250	1925	21175	1694	22869		
	Mannequins	0	1000	0	0	0	0	0	0	1000	2	2000	200	2200	176	2376		
	Mannequins vignettes	3000	0	0	0	0	0	0	300	3300	2	6600	660	7260	580.8	7840.8		
	Artifact handling	2000	0	0	0	0	0	0	200	2200	1	2200	220	2420	193.6	2613.6		
	Bomb props	0	500	0	0	0	0	0	0	500	3	1500	150	1650	132	1782		
	Delivery	0	0	0	0	0	0	4500	0	4500	1	4500	450	4950	396	5346		
	Installation	0	0	0	0	0	0	10000	0	10000	1	10000	1000	11000	880	11880		
	<b>Total</b>	26500	4500	840	800	9700	17000	14500	2650	75650		173610	17361	190971	15277.68	\$ 206,248.68		

Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total	Notes
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%									
Exit																	\$ 43,956.00	
	"Before you Go" display	15000	0	0	0	0	0	0	1500	16500	1	16500	1650	18150	1452	19602		
	Other sites				800	3300	0	0	0	4100	1	4100	410	4510	360.8	4870.8		
	Airpark				800	3300	0	0	0	4100	1	4100	410	4510	360.8	4870.8		
	Digital signage Av	0	0	0	0	0	3800	0	0	3800	1	3800	380	4180	334.4	4514.4		
	AV screen content & program	0	0	0	0	0	5000	0	0	5000	1	5000	500	5500	440	5940		
	Delivery	0	0	0	0	0	0	1500	0	1500	1	1500	150	1650	132	1782		
	Installation	0	0	0	0	0	0	2000	0	2000	1	2000	200	2200	176	2376		
	<b>Total</b>	15000	0	0	1600	6600	8800	3500	1500	37000		37000	3700	40700	3256	\$ 43,956.00		





**EXHIBIT  
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STANDARDIZATION**

final submittal



design

Date:  
**May 12, 2017**

**AIR PARK  
IMPLEMENTATION  
COST  
ESTIMATE  
-  
DETAIL**

Presented by:



Prepared by:



Scale  
N. T. S.

Sheet

**E6**



Aircraft interpretive signage, kiosk, trailhead	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total
	Fabrication	Purchase	Lighting	Text	G Design	Other	Installer	detailing								
<b>Design Professional</b>																\$ 5,940.00
Overall Plan	0	0	0	0	0	0	0	1500	1500	1	1500	150	1650	132	1782	
Kiosk design	0	0	0	0	0	0	0	3500	3500	1	3500	350	3850	308	4158	
<b>Fabrication</b>																\$ 128,148.02
Precast concrete	1400	0	0	0	0	0	0	140	1540	14	21560	2156	23716	1897.28	25613.28	
Transport to site	0	0	0	0	0	0	6000	0	6000	1	6000	600	6600	528	7128	
Blade Sign metal angle	0	0	0	0	0	25	0	0	25	42	1050	105	1155	92.4	1247.4	
Solar Power system	0	1736	0	0	0	79	0	0	1815	14	25410	2541	27951	2236.08	30187.08	
Recess light	0	239	0	0	0	125	0	0	364	14	5096	509.6	5605.6	448.448	6054.048	
Hardware	0	0	0	0	0	27.5	0	0	27.5	14	385	38.5	423.5	33.88	457.38	
Flag and pole	0	0	0	0	0	100	0	0	100	14	1400	140	1540	123.2	1663.2	
Image-Loc panels	390.25	0	0	0	0	25	0	0	415.25	28	11627	1162.7	12789.7	1023.176	13812.876	
Graphic design	0	0	0	0	300	0	0	0	300	28	8400	840	9240	739.2	9979.2	
Writing	0	0	0	500	0	0	0	0	500	14	7000	700	7700	616	8316	
Image-Loc blade sign	285.25	0	0	0	0	25	0	28.53	338.775	28	9485.7	948.57	10434.27	834.7416	11269.0116	
Image-Loc horizontal sign	600	0	0	400	2000	0	0	60	3060	3	9180	918	10098	807.84	10905.84	
Horizontal sign post & frame	0	400	0	0	0	25	0	0	425	3	1275	127.5	1402.5	112.2	1514.7	
<b>Kiosk</b>																\$ 14,856.53
Kiosk	6500	0	0	0	0	0	0	0	6500	1	6500	650	7150	572	7722	
Image-Loc panels	390.25	0	0	0	0	350	0	0	740.25	2	1480.5	148.05	1628.55	130.284	1758.834	
Graphic design	0	0	0	0	500	0	0	0	500	2	1000	100	1100	88	1188	
Writing	0	0	0	300	0	0	0	0	300	2	600	60	660	52.8	712.8	
Bullentin case	925	0	0	0	0	0	2000	0	2925	1	2925	292.5	3217.5	257.4	3474.9	
<b>Trailhead</b>																\$ 7,484.40
2 post frame	1750	0	0	0	0	0	0	1750	3500	1	3500	350	3850	308	4158	
Image-Loc panels	700	0	0	0	0	200	0	0	900	2	1800	180	1980	158.4	2138.4	
Graphic design	0	0	0	0	500	0	0	0	500	1	500	50	550	44	594	
Writing	0	0	0	500	0	0	0	0	500	1	500	50	550	44	594	
<b>Site work</b>																\$ 70,216.74
Dig holes																
Frame footer		24 hrs per														
Rebar		man, 6 men				0	0	0	144	30	4320	432	4752	380.16	5132.16	
Concrete	0	0	0	0	0	330	0	0	330	22	7260	726	7986	638.88	8624.88	
Cleanup		16hrs x6	0	0	0	96	0	0	96	30	2880	288	3168	253.44	3421.44	
Set sign	0	0	0	0	0	100	0	0	100	22	2200	220	2420	193.6	2613.6	
Crane rental	3000	0	0	0	0	25	0	0	3025	1	3025	302.5	3327.5	266.2	3593.7	
Labor		24hrs x6	0	0	0	144	0	0	144	30	4320	432	4752	380.16	5132.16	
Finish paving	0	0	0	500	0	0	0	0	500	22	11000	1100	12100	968	13068	
Concrete	0	0	0	0	0	800	0	0	800	22	17600	1760	19360	1548.8	20908.8	
Grass	0	0	0	0	0	900	0	0	900	1	900	90	990	79.2	1069.2	
Disposal clean up	0	0	0	0	0	1500	0	0	1500	1	1500	150	1650	132	1782	
Engineer	0	0	0	0	0	1100	0	0	1100	1	1100	110	1210	96.8	1306.8	
Supervision	0	0	0	0	0	3000	0	0	3000	1	3000	300	3300	264	3564	
<b>Total</b>	<b>15940.75</b>	<b>2375.00</b>	<b>0.00</b>	<b>2200.00</b>	<b>3300.00</b>	<b>8976.50</b>	<b>8000.00</b>	<b>6978.53</b>	<b>47914.78</b>		<b>190779.20</b>	<b>19077.92</b>	<b>209857.12</b>	<b>16788.57</b>	<b>226645.69</b>	<b>\$ 226,645.69</b>





**EXHIBIT  
CONCEPT  
& DESIGN  
STANDARDIZATION**

final submittal



design

Date:  
**May 12, 2017**

**AIR PARK  
IMPLEMENTATION  
COST  
ESTIMATE  
-  
DETAIL**

Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total	
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%									
<b>Fence</b>																		\$ 14,553.00
	Letters (26)x2	3500	0	0	0	0	0	0	0	3500	1	3500	350	3850	308	4158		
	Logos	900	0	0	0	0	25	0	0	925	8	7400	740	8140	651.2	8791.2		
	Graphic production	150	0	0	0	0	0	0	0	150	9	1350	135	1485	118.8	1603.8		
	<b>Total</b>	<b>4550</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>4575</b>		<b>12250</b>	<b>1225</b>	<b>13475</b>	<b>1078</b>	<b>\$ 14,553.00</b>	<b>\$ 14,553.00</b>	

Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total	
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%									
<b>Main Sign</b>																		\$ 48,190.03
	Dig hole	3000	0	0	0	0	0	0	300	3300	1	3300	330	3630	290.4	3920.40		
	Concrete footer	5555	0	0	0	0	0	0	555.5	6110.5	1	6110.5	611.05	6721.55	537.724	7259.27		
	Electrical	0	0	3000	0	0	0	0	0	3000	1	3000	300	3300	264	3564.00		
	CMU block wall	5000	0	0	0	0	0	0	0	5000	1	5000	500	5500	440	5940.00		
	Stone	6000	0	0	0	0	0	0	600	6600	1	6600	660	7260	580.8	7840.80		
	Channel letters (large)	125	0	0	0	0	0	0	12.5	137.5	33	4537.5	453.75	4991.25	399.3	5390.55		
	Channel letters (small)	125	0	0	0	0	0	0	12.5	137.5	22	3025	302.5	3327.5	266.2	3593.70		
	Logo	1100	0	0	0	0	0	0	0	1100	1	1100	110	1210	96.8	1306.80		
	Bomb	750	0	0	0	0	0	0	75	825	1	825	82.5	907.5	72.6	980.10		
	Flag poles and flag	0	1222	0	0	0	0	0	0	1222	3	3666	366.6	4032.6	322.608	4355.21		
	Landscaping	0	1500	0	0	0	0	0	0	1500	1	1500	150	1650	132	1782.00		
	Grass	0	400	0	0	0	0	0	0	400	1	400	40	440	35.2	475.20		
	Disposal clean up	0	0	0	0	0	0	1500	0	1500	1	1500	150	1650	132	1782.00		
	<b>Total</b>	<b>21655</b>	<b>3122</b>	<b>3000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1500</b>	<b>1555.5</b>	<b>30832.5</b>		<b>40564</b>	<b>4056.4</b>	<b>44620.4</b>	<b>3569.632</b>	<b>48190.032</b>	<b>\$ 48,190.03</b>	

Area	Item description	Fabrication/procurement								Total	Qty	Total	cont 10%	Total	Profit 8%	Total	Item Total	
		Fabrication	Purchase	Lighting	Text	G Design	AV	Installer	detailing - 10%									
<b>Entry walk</b>																		\$ 15,515.28
	Expanded concrete sidewalk	7500	0	0	0	0	0	0	750	8250	1	8250	825	9075	726	9801		
	Stainless steel bollards	0	385	0	0	0	0	0	0	385	6	2310	231	2541	203.28	2744.28		
	Delivery	0	0	0	0	0	0	500	0	500	1	500	50	550	44	594		
	Installation	0	0	0	0	0	0	2000	0	2000	1	2000	200	2200	176	2376		
	<b>Total</b>	<b>7500</b>	<b>385</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2500</b>	<b>750</b>	<b>11135</b>		<b>13060</b>	<b>1306</b>	<b>14366</b>	<b>1149.28</b>	<b>\$ 15,515.28</b>	<b>\$ 15,515.28</b>	

Presented by:



Prepared by:



Scale  
N. T. S.

Sheet

**E7**







**EXHIBIT  
CONCEPT  
& DESIGN  
STANDARDIZATION**

final submittal

**100%**

d e s i g n

Date:  
**May 12, 2017**

**SEQUENTIAL  
FABRICATION  
&  
IMPLEMENTATION  
PHASING  
PLAN**

Presented by:  
**EJES  
INCORPORATED**

Prepared by:  
**Kaser Design**

Scale  
N. T. S.

Sheet  
**E8**

<b>Sequential Fabrication and Implementation Phasing Plan</b>		Year 1	Year 2	Year 3	Year 4	Year 5
<b>Airpark</b>						
	Prep and infrastructure (utilities)					
	Aircraft interpretive signage, kiosk, trailhead	\$ 226,645.69				
	Fence					
	Main Sign					
	Entry walk	\$ 78,258.31				
<b>Museum</b>						
	Site preparation					
	Ceiling, lighting, wall prep					
	Relocate Gift Shop & Quonset Hut					
	Entry Area					\$ 180,160.20
	Quonset Hut					\$ 298,761.80
	Hallway					\$ 6,890.40
	Hoy Barksdale room				\$ 102,666.96	
	WWI - Alcove				\$ 56,838.08	
	WWII Gallery				\$ 179,993.88	
	Cold War I			\$ 96,881.40		
	Cold War II			\$ 191,707.56		
	Hallway		\$ 6,842.88			
	Attacks - September 11, 2001		\$ 87,781.32			
	GWOT		\$ 206,248.68			
	Exit		\$ 43,956.00			
<b>Total</b>		\$ 304,904.00	\$ 344,828.88	\$ 288,588.96	\$ 339,498.92	\$ 485,812.40

