The Design as Reviewed and Approved

National World War One Memorial

Submission for Final Approval

REVIEWED

CFA
APPROVED

NCPC
APPROVED

Sculptor
SABIN HOWARD

Architects
GWW

Land
DAVID RUBIN

Collective
PRESENTATION CONTENT

SUMMARY OF PREVIOUS / UPCOMING PRESENTATIONS
- Concept Lighting, Furnishing and Finishes (February 2019)
- Response to Walkway, Lighting, & Sculpture Fountain Comments (April 2019)
- Interpretation & Detailing (May 2019)
- Response to Sculpture and Lighting Comments + Site Security and Final Detailing (July 2019)
- Design Recap for Final Approval (anticipated September 2019)

PRESENTATION OBJECTIVES (9/19/2019)
Final Approval

PRESENTATION OUTLINE
- Project Scope and Background
- Existing Conditions
- Design Summary
  - Organizing Framework
  - Balancing Two Works of Art
  - Memorial Park Design
  - Memorial Park Program
  - Interpretive Framework
- 1st Tier Commemorative Features
  - Existing Pershing Memorial
  - A Soldier’s Journey
  - Peace Fountain
  - Sculpture Fountain
- 2nd Tier Commemorative Features
  - Belvedere
  - Tactile Model
  - Inscriptions
  - Flagstaff
- 3rd Tier Commemorative Features
  - Information Poppies
- Supporting Elements
  - Viewing Platform
  - ADA Accessibility Improvements
  - Park History Wayside
  - Lighting
  - Entry Signage and Site Security Measures
- Planting
  - Existing Canopy
  - Proposed Canopy
  - Understory
PROJECT SCOPE AND BACKGROUND
PROJECT SCOPE AND BACKGROUND

INTRODUCTION

Of the four major wars of the 20th century, World War I alone has no national memorial in the nation’s capital. More American servicemen were lost in World War I than in the Korean and Vietnam wars combined, with 116,516 lost and 200,000 more wounded. In December 2014, President Obama signed legislation authorizing the U.S. World War I Centennial Commission (WWICC) to establish a new memorial. P.L.113-291, Section 3091 of the National Defense Authorization Act of 2015 re-designates Pershing Park in the District of Columbia, an existing memorial to General John J. Pershing, commander of American forces in World War I, as a national World War I Memorial, and authorizes the WWICC to further honor American servicemen and women in World War I:

a. (3) AUTHORITY TO ENHANCE COMMEMORATIVE WORK

(A) IN GENERAL. The Commission may enhance the General Pershing Commemorative Work by constructing on the land designated in paragraph (1) [Pershing Park] as a World War I Memorial appropriate sculptural and other commemorative elements, including landscaping, to further honor the service members of the United States Armed Forces in World War I.

The existing park is a 1.8 acre parcel bounded by Pennsylvania Avenue on the north and south, 15th Street NW on the west and 14th Street NW on the east. The park was designed by M. Paul Friedberg and Partners in 1979-80 and constructed by the Pennsylvania Avenue Development Corporation as part of a congressionally authorized effort to rehabilitate the Avenue. In the southeast corner of the site sits a memorial to General John J. Pershing, designed by architect Wallace K. Harrison. Landscape architects Oehme van Sweden redesigned the park planting shortly after the park was constructed in 1981, supplementing and changing portions of the original Friedberg design.

The national World War I Memorial will serve a dual function, as a space of commemoration and as an urban park situated within the Pennsylvania Avenue National Historic Site. The memorial design must balance these two functions with great sensitivity, providing an expanded commemorative identity worthy of a National World War I Memorial while at the same time honoring the historic significance of the park and its greater context.
PROJECT SCOPE AND BACKGROUND

WWI MEMORIAL COMPETITION

The primary objective of the WWI Memorial Competition was to generate designs that would honor the service of American forces in World War I through the transformation of a park with a small memorial situated within it, into a site that serves primarily as a national World War I Memorial within a well-functioning urban park. Designers were asked to create a distinct sense of place that would revitalize the park and connect to the larger network of memorials and monuments of the National Mall, while strengthening the park's relationship to the urban context. The competition also asked designers to consider the integration of the existing Pershing Memorial and physical park elements with new commemorative features, to balance a sense of enclosure with openness and visibility, and to develop a design that is timeless and meaningful for future generations.

The WWICC sponsored an open, two stage international design competition. Of the more than 350 entries received, five were chosen to participate in the second stage by an independent jury of experts in landscape architecture, planning, architecture, and history. The Design Oversight Committee, consisting of representatives from the World War I Centennial Commission, the National Parks Service, National Capital Planning Commission, Commission of Fine Arts, General Services Administration, DC State Historic Preservation Office, and other stakeholders, met with each of the five finalists on three separate occasions. On January 6th, 2016, the finalists presented their designs to the Competition Jury.

The Competition Jury unanimously chose the design concept submittal The Weight of Sacrifice, recommending to the WWICC that the design team be selected to continue work to make the Memorial a reality:

"The Weight of Sacrifice comes closest to meeting all National World War I Memorial goals. Properly executed, this design concept promises to remind and inspire visitors for generations to come about American involvement and sacrifice in World War I. And it promises as well to become a popular, well-functioning, animated urban park in the heart of the nation's capital."

Congress authorizes Pershing Park as the location for the National World War I Memorial.

The Weight of Sacrifice is chosen by the WWICC as the winning competition entry.

Multiple revised schemes are presented to CFA.

Presentation of design progress to CFA.

Presentation of design progress to CFA.

Freestanding wall concept is presented. CFA grants revised concept approval.

Walkway, Lighting Revisions and Sculpture Scale are presented. CFA approves Walkway, Overall Lighting Concept and Sculpture Scale.

Response to Sculpture and Lighting Comments + Site Security and Final Detailing are presented. CFA approves all presented topics.

Lighting, Furnishings and Materials are presented. CFA approves Furnishings and Materials.

Interpretation and Detailing are presented. CFA approves Interpretation and Detailing with revisions to the sculpture detailing.

Presentation of design progress to CFA.

Memorial Vision presented (Primary and Secondary Interpretive Elements and Planting Strategy). CFA voices strong support for the planting strategy.

Revised design (Sculpture Nested within Western Terrace with Viewing Platform) is presented. CFA grants concept approval.

First presentation to the U.S. Commission of Fine Arts: CFA notes a fundamental challenge between preservation and reconceptualization of the historic park designed by Paul M. Friedberg.

A public design competition is announced by the WWICC.

Design Recap / Final Review
EXISTING CONDITIONS
EXISTING CONDITIONS
SITE PHOTOS
EXISTING CONDITIONS
SITE PHOTOS
EXISTING CONDITIONS
SITE PHOTOS
EXISTING CONDITIONS
SITE PHOTOS
DESIGN SUMMARY

ORGANIZING FRAMEWORK
BALANCING TWO WORKS OF ART
MEMORIAL PARK DESIGN
MEMORIAL PARK PROGRAM
INTERPRETIVE FRAMEWORK
DESIGN SUMMARY

ORGANIZING FRAMEWORK: MEMORIAL PARK LAYERS

- Take advantage of the existing layered park framework to transition from the surrounding urban context into the memorial core.
- Maintain the spatial organization of the existing triad of focal points within the park.
- Maintain the qualities of the successful urban oasis with sheltering berms, lush plantings, a peaceful fountain, perimeter seating opportunities and terraced seating overlooking the central memorial / park space.
DESIGN SUMMARY

BALANCING TWO WORKS OF ART

Photo Credit: “Pershing Park,” Process Architecture 82, 1989, 77”
DESIGN SUMMARY

MEMORIAL PARK DESIGN

PROJECT GOALS

- Balance the goals of the National World War I Memorial and those of a culturally significant urban park
- Design a well-integrated park-and-memorial that facilitates a variety of park uses, and that harmonizes with the surrounding urban context
- Establish a memorial with weight and gravity commensurate with that of the war memorials on the Mall
- Place the memorial as the central or focal feature of the overall design while maintaining the qualities of the existing focal feature of the park
- Convey the significance of World War I as an event in U.S. and world history
- Convey the scale of American sacrifice, which exceeded that of all our nation’s wars other than the Civil War and World War II
- Create the most opportunity to preserve and restore existing features of the park
- Provide tiers of interpretation that allow visitors to experience the memorial park at their desired level
DESIGN SUMMARY

INTERPRETIVE FRAMEWORK
DESIGN SUMMARY
INTERPRETIVE FRAMEWORK

1ST TIER -
PHYSICAL COMMEMORATION
(STATUE, SCULPTURE, FOUNTAIN)

THE GREAT MAN
(TOP DOWN)

WHO? & WHY?
WWI PRE-U.S.

EVERY MAN
(BOTTOM UP)

DOUGHBOY /
SCULPTURE
DIVERSE VOICES

PEACE
SEARCH
PEACE TODAY

2ND TIER
PHYSICAL INTERPRETATION
(BELVEDERE, SELECT QUOTATIONS)

3RD TIER
TECH INTERPRETATION
AUDIO / VISUAL
 DEVICE APP / QR CODE POPPIES

Why We Joined
Leadership in Battle
Other Info

Tech
Home Front/Homcoming
Other Info

Songs
History
Other Info

EVERY MAN
(BOTTOM UP)

Why? & Why?
WWI Pre-U.S.

Doughboy / Sculpture
Diverse Voices

Search
Peace Today

Peace
1ST TIER COMMEMORATIVE FEATURES

EXISTING PERSHING MEMORIAL
A SOLDIER'S JOURNEY
PEACE FOUNTAIN
SCULPTURE FOUNTAIN
1ST TIER COMMEMORATIVE FEATURES

1. PERSHING MEMORIAL (THE GREAT MAN)
2. A SOLDIER’S JOURNEY (EVERY MAN)
3. THE PEACE FOUNTAIN (SEARCH FOR PEACE)
1ST TIER COMMEMORATIVE FEATURES
EXISTING PERSHING MEMORIAL
1ST TIER COMMEMORATIVE FEATURES

A SOLDIER’S JOURNEY
A SOLDIER’S JOURNEY: SCALE

Approved Sculpture Scale from April 2019 CFA:

6’-6” SCULPTURE FIGURE HEIGHT
The sculpture figure height was selected during the April 2019 CFA presentation with the use of full scale mock ups. The height of the sculpture figure was identified at 6’-6” to maintain a monumental character.

58’-4” BRONZE SCULPTURE LENGTH

59’-4” TOTAL SCULPTURE FOUNTAIN LENGTH (bronze sculpture and granite bookends)

Please Note:
The shaded scale figure (shown at 5’-6 1/2”) represents the median height of the average U.S. male (5’-9”) and female (5’-4”) and is included to provide context for the proportions of the figures within the sculpture.
1ST TIER COMMEMORATIVE FEATURES

PEACE FOUNTAIN
1ST TIER COMMEMORATIVE FEATURES
SCULPTURE FOUNTAIN
SCULPTURE FOUNTAIN: DETAILING AND MATERIALS

1ST TIER COMMEMORATIVE FEATURES

CARNELIAN GRANITE (THERMAL FINISH)

ALL EXPOSED STONE SURFACES OTHER THAN WEST CASCADE

CARNELIAN GRANITE (CORDUROY FINISH)

ONLY AT WEST CASCADE

CAST ANODIZED ALUMINUM LETTERS (DARK BRONZE FINISH)

BRONZE (HAND WORKED WITH DARK PATINA)

BOOKEND BEYOND 1 1/2" HIGHER FOR CONTAINMENT
Granite capstone / weir
West cascade source trough
Granite capstone
Edge of granite bookend beyond
3" Granite veneer with rough corduroy finish
SS sculpture frame fastened to CIP concrete wall
4" Source pipe cast into concrete with 8" dia. flange
Horizontal struts with brackets
Granite veneer plinth secured to brackets
3" Granite veneer with integral weir, vertical joints sealed
East cascade source trough
Water level
6" Source pipe cast into concrete with 10" dia. flange

SOUTH END ELEVATION

DETAIL SECTION
1ST TIER COMMEMORATIVE FEATURES
SCULPTURE FOUNTAIN: DETAILING AND MATERIALS

EAST ELEVATION

WEST ELEVATION

WE LEAVE YOU OUR DEATHS; GIVE THEM THEIR MEANING;
GIVE THEM AN END TO THE WAR AND A TRUE PEACE;
GIVE THEM A VICTORY THAT ENDS THE WAR AND A PLACE AFTERWARDS;
GIVE THEM THEIR MEANING.

WE WERE YOUNG, THEY SAY, WE HAVE DIED, REMEMBER US.

-ARCHBISHOP MCLEISH
2ND TIER COMMEMORATIVE FEATURES

BELVEDERE
TACTILE MODEL
INSCRIPTIONS
FLAGSTAFF
2ND TIER COMMEMORATIVE FEATURES

1. BELVEDERE
2. TACTILE MODEL
3. FLAGSTAFF

INSCRIPTIONS
2ND TIER COMMEMORATIVE FEATURES

BELVEDERE

2ND TIER COMMEMORATIVE FEATURES

BELVEDERE
BELVEDERE: DETAILING AND MATERIALS

2ND TIER COMMEMORATIVE FEATURES

CARNELIAN GRANITE (HONED FINISH)

ANODIZED ALUMINUM (MEDIUM BRONZE FINISH)

PORCELAIN ENAMEL (DARK GRAY BACKGROUND WITH LIGHT TEXT)

DETAIL SECTION AT INTERPRETIVE PANEL

END ELEVATION
2ND TIER COMMEMORATIVE FEATURES
BELVEDERE: DETAILING AND MATERIALS

INTERIOR UNFOLDED ELEVATION

EXTERIOR UNFOLDED ELEVATION

For font, scale and layout see appendix
2ND TIER COMMEMORATIVE FEATURES
BELVEDERE: DETAILING AND MATERIALS

- Donor Panel
- Poppy symbol
  - Information / call-in audio guide info
- Site guide
- WWI Victory Medallion
- Orientation
- WWI: Global Overview / American Involvement
- General Pershing and the American Expeditionary Forces
- Peace: Armistice and Versailles
- Bronze relief
- Doughboy Experience / Home front
- The Soldier’s Journey: Memorial Sculpture Overview
- No panel
2ND TIER COMMEMORATIVE FEATURES
TACTILE MODEL

HONED CARNELIAN GRANITE WITH CAST BRONZE SITE MODEL
2ND TIER COMMEMORATIVE FEATURES
TACTILE MODEL: DETAILING AND MATERIALS

CARNELIAN GRANITE (HONED FINISH)

STAINLESS STEEL (POWDERCOAT FINISH TO MATCH EXISTING SITE LIGHTING – RAL 7022)

CAST BRONZE (PATINA TO MATCH SCULPTURE)
WEST FACE
JOHN J. PERSHING
GENERAL OF THE ARMIES

EAST FACE
IN THEIR DEVOTION, THEIR VALOR, AND IN THE LOYAL FULFILLMENT OF THEIR OBLIGATIONS, THE OFFICERS AND MEN OF THE AMERICAN EXPEDITIONARY FORCES HAVE LEFT A HERITAGE OF WHICH THOSE WHO FOLLOW MAY EVER BE PROUD.

- General Pershing
WE LEAVE YOU OUR DEATHS: GIVE THEM THEIR MEANING:
GIVE THEM AN END TO THE WAR AND A TRUE PEACE:
GIVE THEM A VICTORY THAT ENDS WAR AND A PEACE AFTERWARDS:
GIVE THEM THEIR MEANING.

WE WERE YOUNG, THEY SAY. WE HAVE DIED. REMEMBER US.

- ARCHIBALD MACLEISH
Every Man Quotation Content:

NEVER BEFORE HAVE MEN CROSSED THE SEAS TO A FOREIGN LAND
TO FIGHT FOR A CAUSE WHICH THEY DID NOT PRETEND WAS PECULIARLY THEIR OWN,
BUT KNEW WAS THE CAUSE OF HUMANITY AND OF MANKIND.

- PRESIDENT WOODROW WILSON
2ND TIER COMMEMORATIVE FEATURES

INSCRIPTIONS: PA AVE PLANTERS

If...this world must be embroiled in a
tremendous "war to end wars,"
I am glad that I, too, may play a part in it.

Hila May Andrews

They were mortal, but they were unconquerable.

Willa Cather

For font, scale and layout see appendix
2ND TIER COMMEMORATIVE FEATURES

FLAGSTAFF

For font, scale and layout see appendix
3RD TIER COMMEMORATIVE FEATURES

INFORMATION POPPIES
INFORMATION SPOTS (QR CODES DESIGNATED BY POPPIES)

1. PERSHING AND THE AMERICAN EXPEDITIONARY FORCES
2. (CATHER) THE TOLL OF WAR
3. (ANDREWS) DIVERSITY IN THE AMERICAN WAR EFFORT
4. WILSON AND MAKING THE WORLD SAFE FOR DEMOCRACY
5. ASPIRATIONS FOR PEACE
6. TECHNOLOGY AND INNOVATION
7. HOME FRONT
8A. GUIDED TOUR OF SCULPTURE
8B. GUIDED TOUR OF SCULPTURE

3RD TIER COMMEMORATIVE FEATURES
3RD TIER COMMEMORATIVE FEATURES

INFORMATION POPPIES

Anodized aluminum poppy medallion secured to anodized aluminum post set in planting (medium bronze finish)

Poppy medallion engraved into stone on stone clad walls and planter terraces

2 1/2" DIA.
SUPPORTING ELEMENTS

VIEWING PLATFORM
ADA ACCESSIBILITY IMPROVEMENTS
PARK HISTORY WAYSIDE
LIGHTING
ENTRY SIGNAGE AND SITE SECURITY MEASURES
SUPPORTING ELEMENTS
VIEWING PLATFORM: DETAILING AND MATERIALITY

ACADEMY BLACK GRANITE (THERMAL FINISH)
WALKWAY AND CURB

COLDSPRING BLACK GRANITE (THERMAL FINISH)
SCRIM AND POOL BASIN

TACTILE (GROOVED) EDGE
SCRIM (1/4" DEPTH)
SLOT DRAIN
SUPPORTING ELEMENTS
ACCESS IMPROVEMENTS: SOUTH SLOPED WALK

EXISTING CONDITIONS

4'-2"

4.75%

5'-0"

51
SUPPORTING ELEMENTS
ACCESS IMPROVEMENTS: SITE HANDRAILS

Missing handrails on site are to be reinstalled to support accessible movement across the site. All proposed handrails are anodized aluminum with a medium bronze finish.
Visitors filter into the park through layers and zones of light which adapt the visitor from the surrounding brightly lit urban context to the more quietly lit landscape. Within this soft landscape lighting are the commemorative elements (both existing and proposed) which emerge from the quiet park lighting with feature illumination, bringing the focus of the nighttime visitor onto the commemorative works.
SUPPORTING ELEMENTS
LIGHTING: PERIMETER ADAPTATION

Sidewalk and street lighting in this layer tie the site into the urban street grid allowing for a transition from the high brightness light levels of the city to the softer glow of the memorial park.

Washington Globe fixtures remain along the streetscapes and are added along the south and west edges of the park. Washington Globe fixtures with finials remain along PA Ave. Existing roadway fixtures remain with minor adjustments in location to reduce their impact on site entrances. Existing circulation fixtures are refurbished and utilized for general site lighting.
SUPPORTING ELEMENTS
LIGHTING: CONTEMPLATION TERRACE

This zone of lower brightness carries visitors into the site while shielding the commemorative works from the adjacent urban glare.

The Simes Double Slot fixtures at the roundels provide downward focused path lighting while continuing the existing spatial organization previously provided by the multi globe fixtures. Wall lights along the sloped walk illuminate the accessible routes through the site.

SIMES DOUBLE SLOT POLE  LUCIFER STEALTH WALL MOUNTED STEP LIGHTS
SUPPORTING ELEMENTS
LIGHTING: INFORMATIVE ARRIVAL

This layer functions similarly to the contemplation terrace as a step down in brightness from the perimeter to pull visitors into the Grove, Belvedere, and Lower Plaza areas of the site.

Existing PADC fixtures remain along the PA Ave edge of the site. Circulation fixtures are added within the grove and throughout the lower plaza planters to provide sufficient light levels. Wall lights at the belvedere interior draw visitors into the interpretive hinge where linear strip lighting illuminates the interpretive panel array. Wall lights at the exterior provide illumination for the adjacent stair and ramps.
**SUPPORTING ELEMENTS**

**LIGHTING: COMMEMORATIVE FOCUS**

In this layer, the commemorative works emerge from the subtle park lighting to pull the focus of the visitor to the memorial elements while providing a contemplative atmosphere, fully sheltered from the surrounding city lights.

Two accent lighting poles provide focused lighting at strategic angles to illuminate the Soldier’s Journey sculpture and provide depth through highlight and shadow. The northern pole is tucked within the lower plaza planter to minimize its impact upon the site and the southern pole is set along the upper terrace, centered on the planters. On the west face, at the Peace Fountain, a linear fixture is set below the water level to illuminate the cascading water. Two additional focus light fixtures add a highlight to the quote. At the Pershing memorial two accent lighting poles are set diagonally to the Pershing Statue to provide highlight and shadow upon his figure. Two linear in grade fixtures graze the existing walls allowing visitors to read the inscriptions during the evening hours. Linear strip lighting under the Pershing bench provides an inviting glow to the space. At the flagstaff, 4 uplights illuminate the flag above.
SUPPORTING ELEMENTS

LIGHTING: STRATEGY
ENTRY SIGNAGE AND SECURITY MEASURES

SUPPORTING ELEMENTS

4'-8" O.C. TYP.
SUPPORTING ELEMENTS

SECURITY MEASURES

- Continuation of the existing PA Avenue benches and planters
- Chevron form adds strength and can be designed with a deep footer to deter vehicles
- Works from a security standpoint to protect the grove from errant vehicles
- In character with the existing park
- Means of differentiating new planters requested by SHPO at June 11th meeting; stone has been textured to accommodate this request
ENTRY SIGNAGE AND SECURITY MEASURES: DETAILING AND MATERIALITY

SUPPORTING ELEMENTS

STONY CREEK
(THERMAL FINISH)

STONY CREEK
(DIAMOND 100 FINISH)

ONLY OUTER FACE OF BENCHES

NORTH ELEVATION

EAST ELEVATION
SUPPORTING ELEMENTS
ENTRY SIGNAGE AND SECURITY MEASURES: DETAILING AND MATERIALITY

STONY CREEK
(THERMAL FINISH)

2" DEEP V ENGRAVED TEXT WITH MEDIUM IN-PAINTED SHADOW

PLAN - TYPICAL FOR NW, SW, SE CORNERS

ELEVATION - TYPICAL FOR NW, SW, SE CORNERS

ELEVATION - NE CORNER
SITE SECURITY MEASURES - CAMERA LOCATIONS

TENTATIVE CAMERA LAYOUT

- Cameras to be located on existing light poles
- USPP have requested 11 cameras within the park for optimal surveillance
PLANTING

EXISTING CANOPY
PROPOSED CANOPY
UNDERSTORY
**PLANTING**

**EXISTING CANOPY**

**Berm Trees:**
Many have died as a result of poor soil quality and the dense spacing.

**Lower Plaza Planters:**
Trees are nearing the end of their standard lifespan and many are causing damage to the surrounding hardscape because of limited soil volumes.

**Specimen Tree:**
Missing

**Terrace Planters:**
Generally thriving, but causing damage to surrounding hardscape due to overcrowding and limited soil volumes.

**PA Ave / Grove Trees:**
Mostly in poor health and causing damage to surrounding hardscape.

**Street Trees:**
Generally in fair condition with one missing.

---

**Berm Trees:**
Thornless Honey Locust | Gleditsia tricanthos inermis

**Lower Plaza Planters:**
River Birch | Betula nigra

**Specimen Tree:**
Missing

**Terrace Planters:**
Pink Crepe Myrtle | Lagerstroemia indica

**PA Ave / Grove Trees:**
Willow Oak | Quercus phellos

**Street Trees:**
Northern Red Oak | Quercus rubra
**EXISTING CANOPY**

**Berm Trees:**
- Thornless Honey Locust
  - *Gleditsia triacanthos inermis*
- Sweetbay Magnolia
  - *Magnolia virginiana*

**PA Ave / Grove Trees:**
- Willow Oak
  - *Quercus phellos*

**Street Trees:**
- Northern Red Oak
  - *Quercus rubra*

**Specimen Tree:**
- Jefferson Elm (Disease Resistant)
  - *Ulmus americana ‘Jefferson’*

**Terrace Planters:**
- White Crepe Myrtle
  - *Lagerstroemia indica x fauriei ‘Natchez’*
PLANTING

PROPOSED CANOPY

Berm Trees:
Quantity of trees in the grid to be reduced from 95 to 61 to allow more soil per tree. Soils will also be remediated to support overall tree health and longevity. Trees to be replaced in kind.

Lower Plaza Planters:
The existing river birch in the lower plaza are replaced with a white flowering magnolia which has a stronger structure and more formal character.

Specimen Tree:
A disease resistant elm is brought in to replace the missing specimen tree at the Pershing Memorial.

Terrace Planters:
The pink crepe myrtles are replaced with a white flowering variety to support a landscape of solemnity and remembrance.

PA Ave / Grove Trees:
Existing trees replaced in kind and soil volumes connected between the planters with structural soil to support overall health and longevity.

Street Trees:
Missing street tree replaced in kind.
**PLANTING**

**PROPOSED CANOPY**

**Berm Trees:**
- Thornless Honey Locust
  *Gleditsia triacanthos inermis*
- Sweetbay Magnolia
  *Magnolia virginiana*

**Specimen Tree:**
- Jefferson Elm (Disease Resistant)
  *Ulmus americana ‘Jefferson’*

**Terrace Planters:**
- White Crepe Myrtle
  *Lagerstroemia indica x fauriei ‘Natchez’*

**PA Ave Trees:**
- Willow Oak
  *Quercus phellos*

**Street Trees:**
- Northern Red Oak
  *Quercus rubra*
PLANTING
UNDERSTORY: OVERALL PALETTE

Carex pensylvanica | Pennsylvania Sedge

Papaver orientale | Red Poppies

Liriope muscari ‘Monroe’s White’ | White Liriope

Galanthus | Snowdrops

Astilbe x arendsii ‘Deutschland’ | White Astilbe

Pennisetum Alopecuroides | Fountain Grass

Asarum splendens | Asian Ginger

Anemone hupehensis var. japonica ‘Honorine Jobert’ | Japanese Anemone
Year Round: Carpet
Carex pensylvanica | Pennsylvania Sedge

Early Summer: Entry Planting
Astilbe x arendssii 'Deutschland' | White Astilbe

Late Summer / Early Fall: Entry Planting
Liriope muscari 'Monroe’s White' | White Liriope

Winter / Early Spring: Ephemeral Accent within Carex Carpet
Galanthus | Snowdrops

Early Summer: Ephemeral Accent
Papaver orientale | Red Poppies

Early Summer: Ephemeral Accent
Papaver orientale | Red Poppies
PLANTING
UNDERSTORY: TERRACE PLANTERS

Pennisetum Alopecuroides
Fountain Grass

Original Intent

Proposed
PLANTING
UNDERSTORY: LOWER PLAZA PLANTERS

Species:
Liriope muscari ‘Monroe’s White’ | White Liriope

Existing

Proposed
PLANTING

UNDERSTORY: PA AVE PLANTERS

Species: Asarum splendens | Asian Ginger
Species: Anemone hupehensis var. japonica 'Honorine Jobert' | Japanese Anemone

Existing

Proposed
APPENDIX

INSCRIPTIONS
DETAILING
ON 6 APRIL 1917, THE UNITED STATES ENTERED WORLD WAR I. WITH FEW REGULAR FORCES THE TASK OF TRAINING AND TRANSPORTING AN EFFECTIVE ARMY TO FIGHT IN FRANCE WAS FORMIDABLE. THE U.S. NAVY, ACTING SWIFTLY TO COMBAT THE GERMAN SUBMARINE MENACE, DISPATCHED FIGHTING SHIPS AND AIRCRAFT TO EUROPEAN WATERS. SIMULTANEOUSLY IT BEGAN THE ORGANIZATION OF CONVOYS FOR HUNDREDS OF THOUSANDS OF TROOPS TO UNDERTAKE THE TREMENDOUS WORK OF ORGANIZING THE AMERICAN EXPEDITIONARY FORCES. GENERAL PERSHING LANDED IN FRANCE ON 15 JUNE 1917.

BEGINNING ON 21 MARCH 1918, THE GERMAN ARMS LAUNCHED A SERIES OF POWERFUL ATTACKS ON THE WESTERN FRONT. ON THAT DATE, THERE WERE ONLY 300,000 AMERICAN SOLDIERS IN FRANCE MOST OF THEM BUT PARTIALLY TRAINED. THE FIRST OFFENSIVE ACTION BY A U.S. DIVISION CAME ON 28 MAY WHEN CANTIGNY WAS ATTACKED AND HELD DESPITE VIOLENT ENEMY REACTION.


DURING THE WAR, THE AIR SERVICE WAS EXPANDED INTO A STRIKING FORCE WHICH SUPPORTED THE GROUND TROOPS AND GAVE PROMISE OF THE VITAL ROLE THAT OUR AIR FORCES WOULD PLAY IN THE FUTURE. AT THE SIGNING OF THE ARMISTICE ON 11 NOVEMBER 1918, MORE THAN 2,000,000 AMERICANS WERE SERVING IN EUROPE. EITHER WITH THE COMBAT FORCES OR IN THE SERVICES OF SUPPLY WHOSE UNHERALDED WORK MADE POSSIBLE THE BRILLIANT ACHIEVEMENTS OF THE ARMS IN THE FIELD.


THE LAST GREAT OFFENSIVE BEGAN ON 1 NOVEMBER WITH THE CAPTURE OF THE FORMIDABLE POSITION ON BARRICOURT HEIGHTS. THREE DAYS LATER THE ENEMY WAS IN FULL RETREAT WEST OF THE MEUSE, CONTINUOUSLY PURSUED ON BOTH SIDES OF THE RIVER. THESE SUCCESSES AND THOSE OF OUR ALLIES COMPELLED THE GERMANS TO ASK FOR AN IMMEDIATE ARMISTICE WHICH BECAME EFFECTIVE 11 NOVEMBER 1918.
APPENDIX - INSCRIPTIONS

FONT, SCALE AND LAYOUT

BRONZE PINNED

PEACE FOUNTAIN (5" LETTERS)

PA AVE PLANTERS (2" LETTERS)

NORTH BERM (4" LETTERS)

DEEP V - ENGRAVED

BELVEDERE BATTLES (2" LETTERS)

WE LEAVE TO YOU OUR DEATHS: GIVE THEM THEIR MEANING:
GIVE THEM AN END TO THE WAR AND A TRUE PEACE:
GIVE THEM A VICTORY THAT ENDS THE WAR AND A PEACE AFTERWARDS:
GIVE THEM THEIR MEANING.
WE WERE YOUNG, THEY SAY. WE HAVE DIED. REMEMBER US.

-ARCHIBALD MACLEISH

TREMENDOUS "WAR TO END WARS,
EMBROILED IN AMUST BE PLAY A PART IN IT. UNCONQUERABLE.

WAS THE OF

PRESIDENT WOODROW

SEAS

CAMBRAI

SOMME DEFENSIVE
AISNELYS
MONTIDIDIER - NOYON
CHAMPAGNE - MARNE
AISNE - MARNE
SOMME

OFFENSIVE
OISE - AISNE
YPRES - LYS
SAINT MIHIEL
MEUSE - ARGONNE
VITTORIO VENETO
NORTH RUSSIA
SIBERIA
ATLANTIC CONVOYS
WESTERN ATLANTIC
NORTH SEA
MEDITERRANEAN

IF...THIS WORLD
I AM GLAD THAT I, TOO, MAY

ALTA MAY ANDREWS

THEY WERE MORTAL, BUT THEY WERE

WILLA CATHER

WE LEAVE YOU OUR DEATHS: GIVE THEM THEIR MEANING:
GIVE THEM AN END TO THE WAR AND A TRUE PEACE:
GIVE THEM A VICTORY THAT ENDS THE WAR AND A PEACE AFTERWARDS:
GIVE THEM THEIR MEANING.
WE WERE YOUNG, THEY SAY. WE HAVE DIED. REMEMBER US.

-ARCHIBALD MACLEISH

TREMENDOUS "WAR TO END WARS,
EMBROILED IN AMUST BE PLAY A PART IN IT. UNCONQUERABLE.

WAS THE OF

PRESIDENT WOODROW

SEAS

CAMBRAI

SOMME DEFENSIVE
AISNELYS
MONTIDIDIER - NOYON
CHAMPAGNE - MARNE
AISNE - MARNE
SOMME

OFFENSIVE
OISE - AISNE
YPRES - LYS
SAINT MIHIEL
MEUSE - ARGONNE
VITTORIO VENETO
NORTH RUSSIA
SIBERIA
ATLANTIC CONVOYS
WESTERN ATLANTIC
NORTH SEA
MEDITERRANEAN

IF...THIS WORLD
I AM GLAD THAT I, TOO, MAY

ALTA MAY ANDREWS

THEY WERE MORTAL, BUT THEY WERE

WILLA CATHER

WE LEAVE YOU OUR DEATHS: GIVE THEM THEIR MEANING:
GIVE THEM AN END TO THE WAR AND A TRUE PEACE:
GIVE THEM A VICTORY THAT ENDS THE WAR AND A PEACE AFTERWARDS:
GIVE THEM THEIR MEANING.
WE WERE YOUNG, THEY SAY. WE HAVE DIED. REMEMBER US.

-ARCHIBALD MACLEISH

TREMENDOUS "WAR TO END WARS,
EMBROILED IN AMUST BE PLAY A PART IN IT. UNCONQUERABLE.
APPENDIX - DETAILING

SCULPTURE FOUNTAIN

EAST ELEVATION

WE LEAVE YOU OUR DEATHS GIVE THEM THEIR MEANING;
GIVE THEM AN END TO THE WAR AND A TRUE PLACE;
GIVE THEM A VICTORY THAT ENDS THE WAR AND A PLACE AFTERWARDS;
GIVE THEM THEIR MEANING.
WE WERE YOUNG, THEY SAY, WE HAVE DIED, REMEMBER US.

ARCHIBALD MACLEISH
3" Granite veneer with rough corduroy finish

SS sculpture frame fastened to CIP concrete wall

Horizontal struts with brackets
Granite veneer plinth secured to brackets

3" Granite veneer with integral weir, vertical joints sealed
East cascade source trough

Water level

6" Source pipe cast into concrete with 8" dia. flange

CIP concrete support beyond
Type A flamed granite plinth
Water source void
Extent of 1 1/4" Radius
West profile beyond
Dipped corner

Flamed cameleon granite cladding with integral weir

DIPPED CORNER DETAIL ENLARGEMENT
SCULPTURE FOUNTAIN

APPENDIX - DETAILING

PLAN VIEW

UPPER PLAN ENLARGEMENT - WEST CASCADE SOURCE

LOWER PLAN ENLARGEMENT - EAST CASCADE SOURCE