

PEACE CORPS COMMEMORATIVE PARK

COMMISSION OF FINE ARTS October 17, 2024



CONTENTS

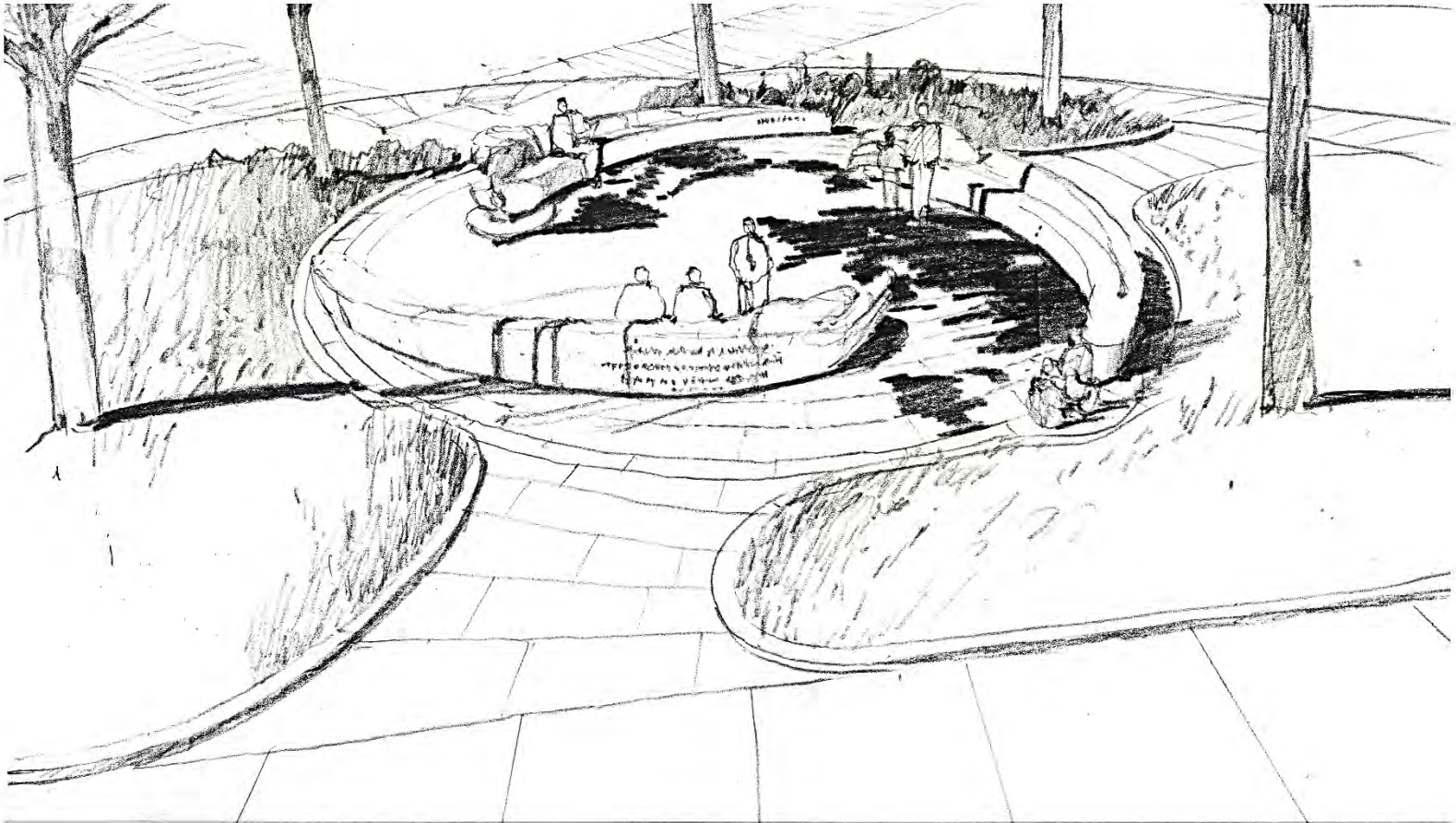
- **INTRODUCTION/BACKGROUND**
- HAND DESIGN EVOLUTION
- SITE UPDATE
- DETAILS
 - MATERIALS
 - INSCRIPTIONS
 - ACCESSIBILITY
 - SKATEBOARD DETERRENT
 - PLANTING
 - LIGHTING
 - SIGNAGE



OVERVIEW

This submission is for FINAL approval with updates and details to the approved conceptual design for the Peace Corps Commemorative Park.

The package refines the development of an evocative central gathering place in an urban park-setting with three sculptural hand benches, a world map, and robust park planting dedicated to the Peace Corps ideals.



CONCEPT SKETCH

ABOUT

The Peace Corps Commemorative is dedicated to the American ideals implicit in the words of Sargent Shriver: "transcending boundaries of culture and language...on the common ground of service to human welfare and human dignity...to live and work with, and to learn from, peoples in need around the world, in the cause of mutual understanding and peace."

The Peace Corps Commemorative honors the nation's historic ideals and experience: promoting peace, prosperity and social justice through direct outreach and human-to-human interaction. This Commemorative will enrich and more fully tell America's story by creating a place of retreat in Washington DC.



SITE

The Peace Corps Commemorative site is a small parcel (.6 acres) located in a prominent location adjacent to the Capitol Grounds.

The design contributes to the city with:

- an inviting place to gather with a national commemorative work that welcomes visitors of all ages, genders, ethnicities and nationalities,
- a park-setting for contemplation and inspiration on the way between the National Gallery of Art and Union Station,
- a visually open site that connects to the Capitol Grounds with views toward the U.S. Capitol, Taft Park, and the National Mall,
- day and night interest for pedestrians and passing vehicle traffic.



Existing Site. 1. View North, 2. View South, 3. Southeast towards Capitol Grounds.



Site Context. Peace Corps site is a 5-minute walk to the Capitol and an 8-min walk to Union Station.

RECOMMENDATIONS

In November 2021, the design team presented the site layout and revised design concept. The Commission commended the proposal particularly citing the configuration of the central plaza, the refinement of the sculptural bench-hands that frame it, and the thoughtful study of the world map at the center of the composition. The Commission expressed enthusiasm for the landscape design featuring a central ring of trees and seasonal plantings around the plaza, and they requested more information about details such as surface drainage as the design is developed. The project was approved for Concept Design.

2021 Commission requested:

- Further refinement to ensure that the map displays minimize distortion and clarify joint pattern of latitude and longitudinal lines.
- More information on inscriptions on the stone bench-hands.
- Specification and details of the stone elements including technical details.
- Final documentation of landscape, lighting, and signage.



DESIGN UPDATE

The team returns with refinements to all elements that address the recommendations of the Commission in the Final Conceptual Approval as summarized below:

2024 Submission Summary:

- The Pierce polar projection displays the land areas with the least possible distortion while paving joints have been randomized to avoid reading as latitude and longitude lines.
- The content, location, typography and details of inscriptions have been refined.
- Details of the stone elements include joints in the hand benches and specifications of the selected stones is provided.
- Final documentation for landscape, lighting and signage are included. Plantings in the stormwater basins have been simplified to address NPS concerns for maintenance.



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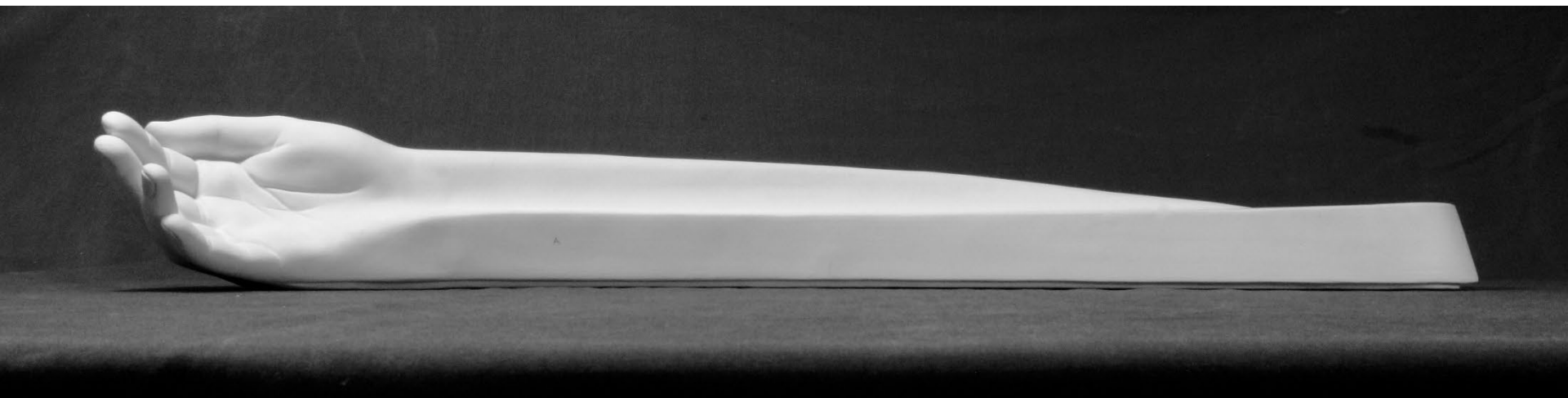
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HAND DESIGN EVOLUTION FROM ABSTRACT TO MORE REALISTIC



The National Capital Planning Commission in 2022 noted that they would like to see some exploration of a more abstract hand in the benches. The first concept of the hand, shown in these 2019 renderings had more abstract hand forms. The design team had explored abstract approaches that lacked realistic details and decided with the Commission of Fine Arts that realistic representation is the preferred direction. The November 2021 CFA report stated that the Commission “recommended subtly differentiating each hand in size and physical character.” which necessitates realistic rather than abstract delineation.



The CFA review of November 2021 recommended that the bench hands be refined and have three subtly different hand positions. This refinement was accomplished in the three plaster models. The hand gestures almost suggest that the hands are in motion as if they are reaching out.

THREE HAND POSITIONS

The concept for the sculpted hands is to convey reaching out of one person to another. This is the essence of the meaning and message of the Peace Corps park. Each of the gestures is unique and is meant to capture the hand in motion greeting another person.







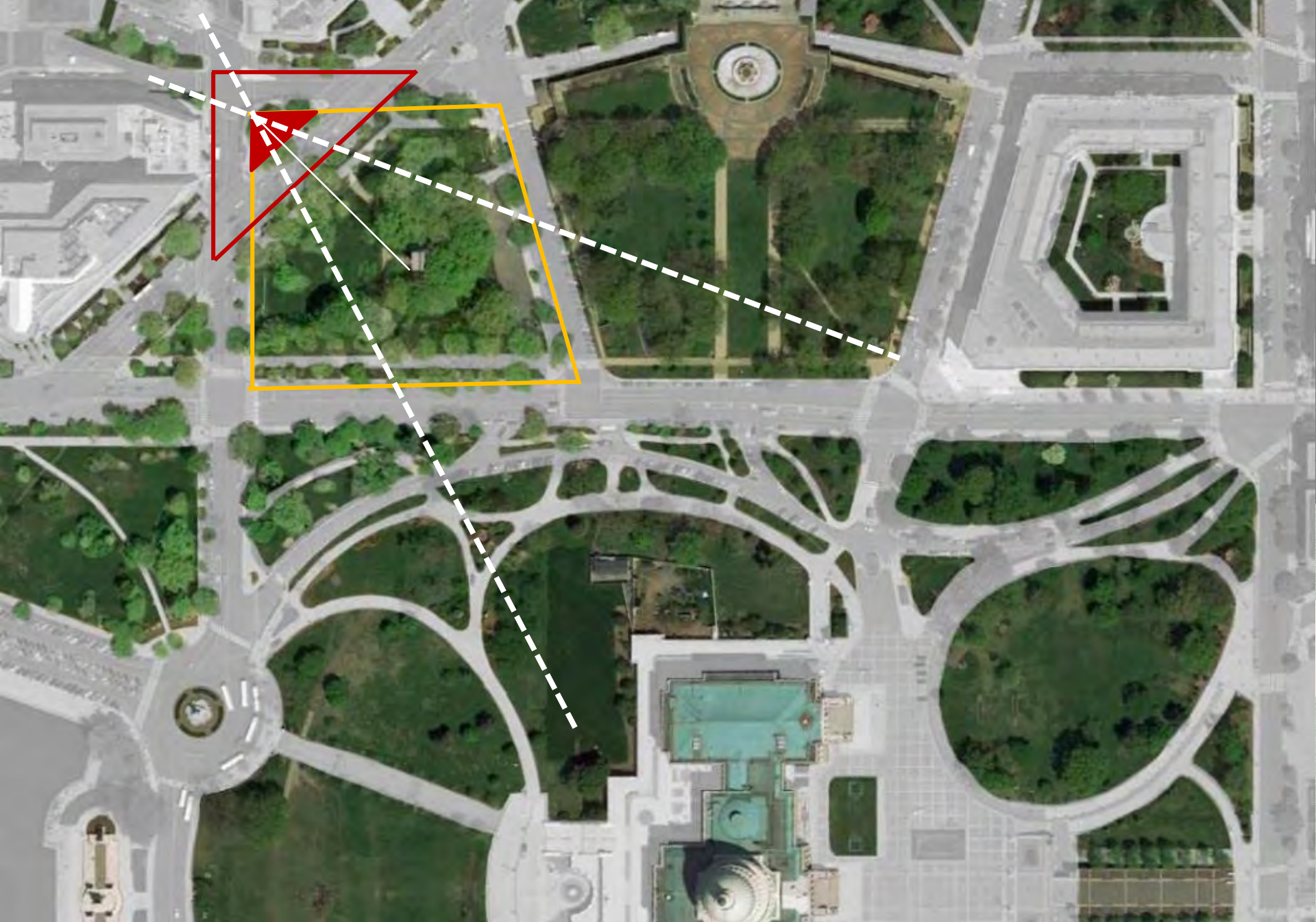
Silver Cloud granite is a figured stone with variations from white to light and darker gray is proposed for the benches. The movement of the variations across the benches abstracts the form. The Commission of Fine Arts approved the refined sculptural hand benches at the 2021 presentation.

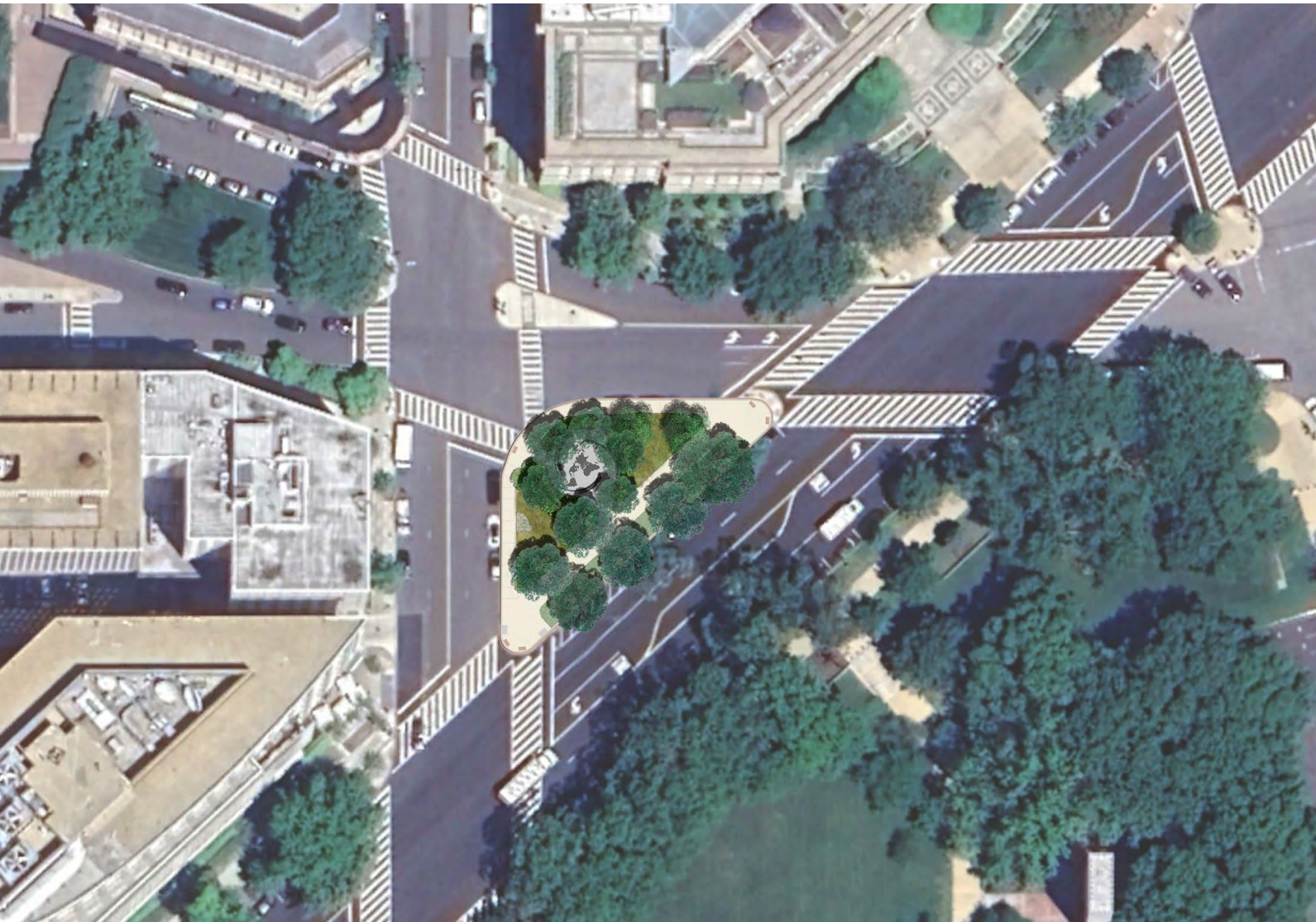


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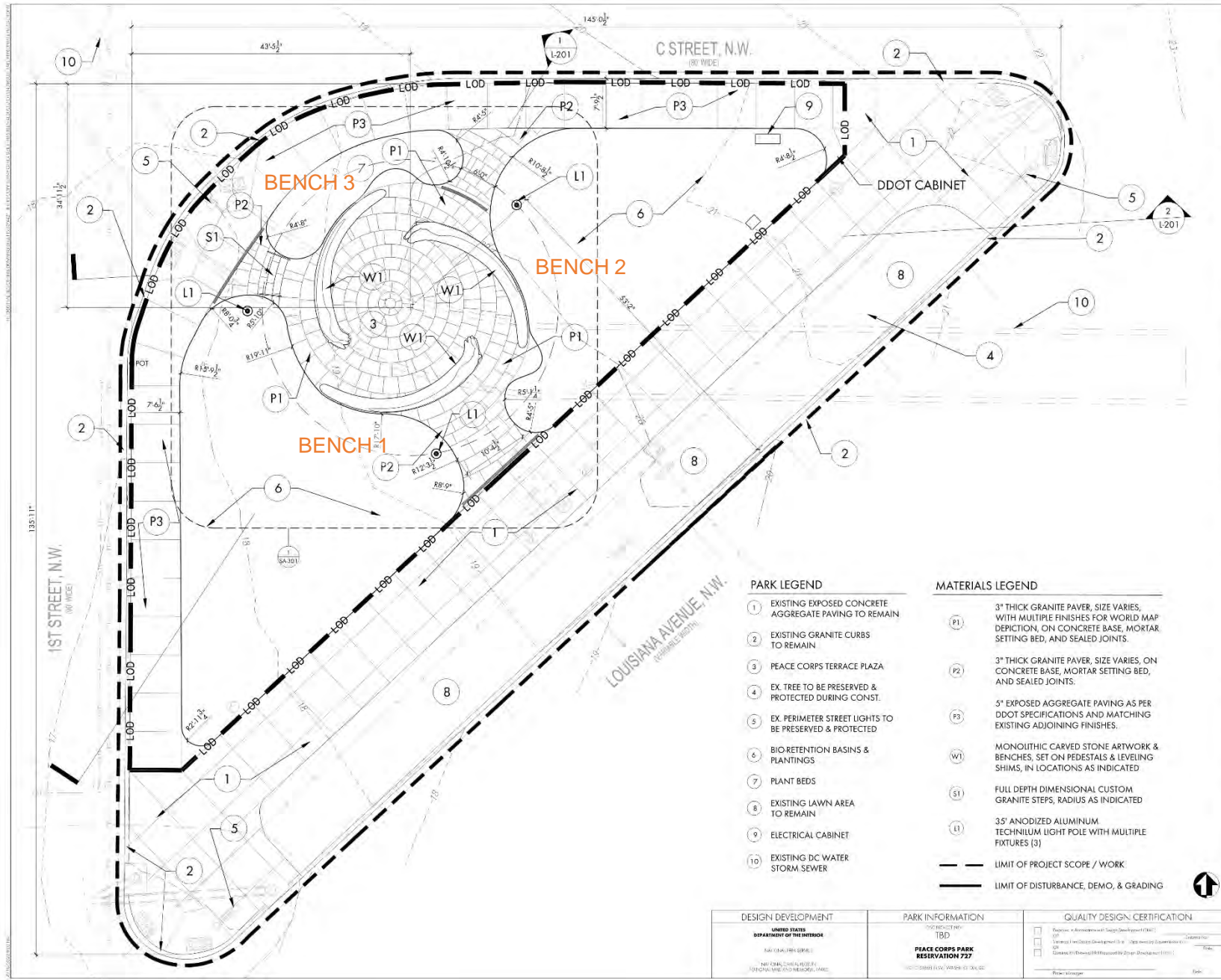
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PARK LEGEND

- 1 EXISTING EXPOSED CONCRETE AGGREGATE PAVING TO REMAIN
- 2 EXISTING GRANITE CURBS TO REMAIN
- 3 PEACE CORPS TERRACE PLAZA
- 4 EX. TREE TO BE PRESERVED & PROTECTED DURING CONST.
- 5 EX. PERIMETER STREET LIGHTS TO BE PRESERVED & PROTECTED
- 6 BIO-RETENTION BASINS & PLANTINGS
- 7 PLANT BEDS
- 8 EXISTING LAWN AREA TO REMAIN
- 9 ELECTRICAL CABINET
- 10 EXISTING DC WATER STORM SEWER

MATERIALS LEGEND

- P1 3" THICK GRANITE PAVER, SIZE VARIES, WITH MULTIPLE FINISHES FOR WORLD MAP DEPICTION, ON CONCRETE BASE, MORTAR SETTING BED, AND SEALED JOINTS.
- P2 3" THICK GRANITE PAVER, SIZE VARIES, ON CONCRETE BASE, MORTAR SETTING BED, AND SEALED JOINTS.
- P3 5" EXPOSED AGGREGATE PAVING AS PER DDOT SPECIFICATIONS AND MATCHING EXISTING ADJOINING FINISHES.
- W1 MONOLITHIC CARVED STONE ARTWORK & BENCHES, SET ON PEDESTALS & LEVELING SHIMS, IN LOCATIONS AS INDICATED
- S1 FULL DEPTH DIMENSIONAL CUSTOM GRANITE STEPS, RADIUS AS INDICATED
- L1 35' ANODIZED ALUMINUM TECHINUM LIGHT POLE WITH MULTIPLE FIXTURES (3)
- LIMIT OF PROJECT SCOPE / WORK
- LIMIT OF DISTURBANCE, DEMO, & GRADING

DESIGN DEVELOPMENT
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE NATIONAL CAPITAL REGION WASHINGTON, DISTRICT OF COLUMBIA

PARK INFORMATION
PROJECT NAME TBD PEACE CORPS PARK RESERVATION 737 PROJECT NUMBER 100-000000-0000-0000-0000-0000-0000

QUALITY DESIGN CERTIFICATION
DESIGNER/ARCHITECT NATIONAL PARK SERVICE NATIONAL MALL & MEMORIAL PARKS 950 OHIO AVENUE, SW WASHINGTON, DC 20024 202-343-0726

LAYOUT & MATERIALS
PLAN

SHEET NUMBER
SA-101



Peace Corps Park

Washington, District of Columbia

Peace Corps Commemorative Foundation
5534-1/2 Dana Road, NW
Washington, DC 20016
202-343-8776

PROJECT AGENCY
National Park Service
National Mall & Memorial Parks
900 Ohio Avenue, SW
Washington, DC 20004

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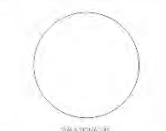
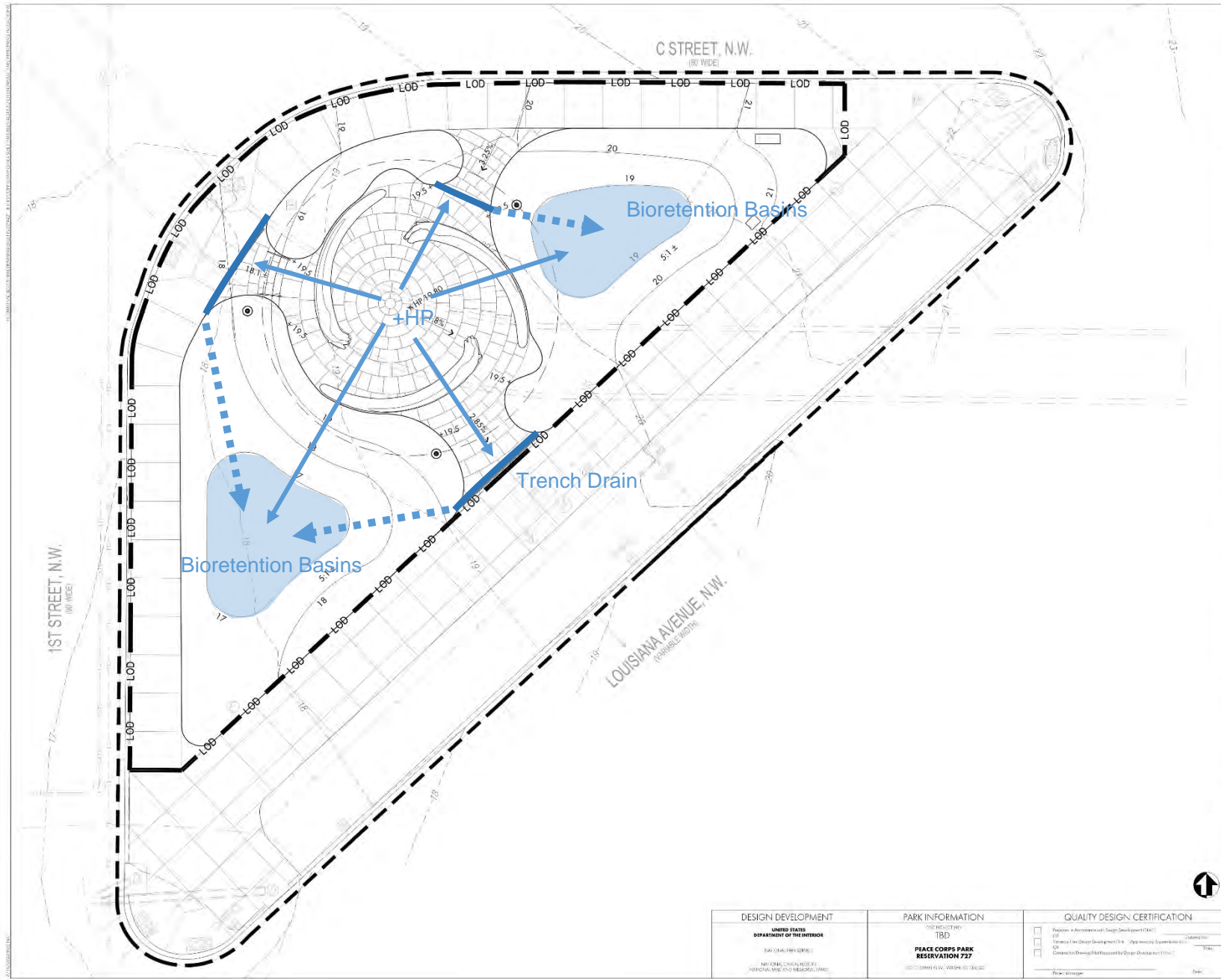
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DATE	DESCRIPTION	BY	CHKD
10/20/2024	DESIGN DEVELOPMENT	JK	JK
10/20/2024	DESIGN DEVELOPMENT	JK	JK
10/20/2024	DESIGN DEVELOPMENT	JK	JK
10/20/2024	DESIGN DEVELOPMENT	JK	JK
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10/20/2024	DESIGN DEVELOPMENT	JK	JK

SCALE
0 3 6 9 12 15
1/16" = 1'-0"

APPROVED: 10/20/24
DESIGNED BY: JK
CHECKED BY: JK
DATE: 10/20/24

SHEET 102

GRADING & DRAINAGE
PLAN

SA-102

CLIENT:
Peace Corps Commemorative
Foundation
3034-1/2 Dana Place, NW
Washington, DC 20016
202-363-0220

SPONSORING AGENCY:
National Park Service
National Mall & Memorial Parks
900 Ohio Avenue, SW
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PROJECT MANAGEMENT:
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Minnetonka, MN 55312
952-834-7201

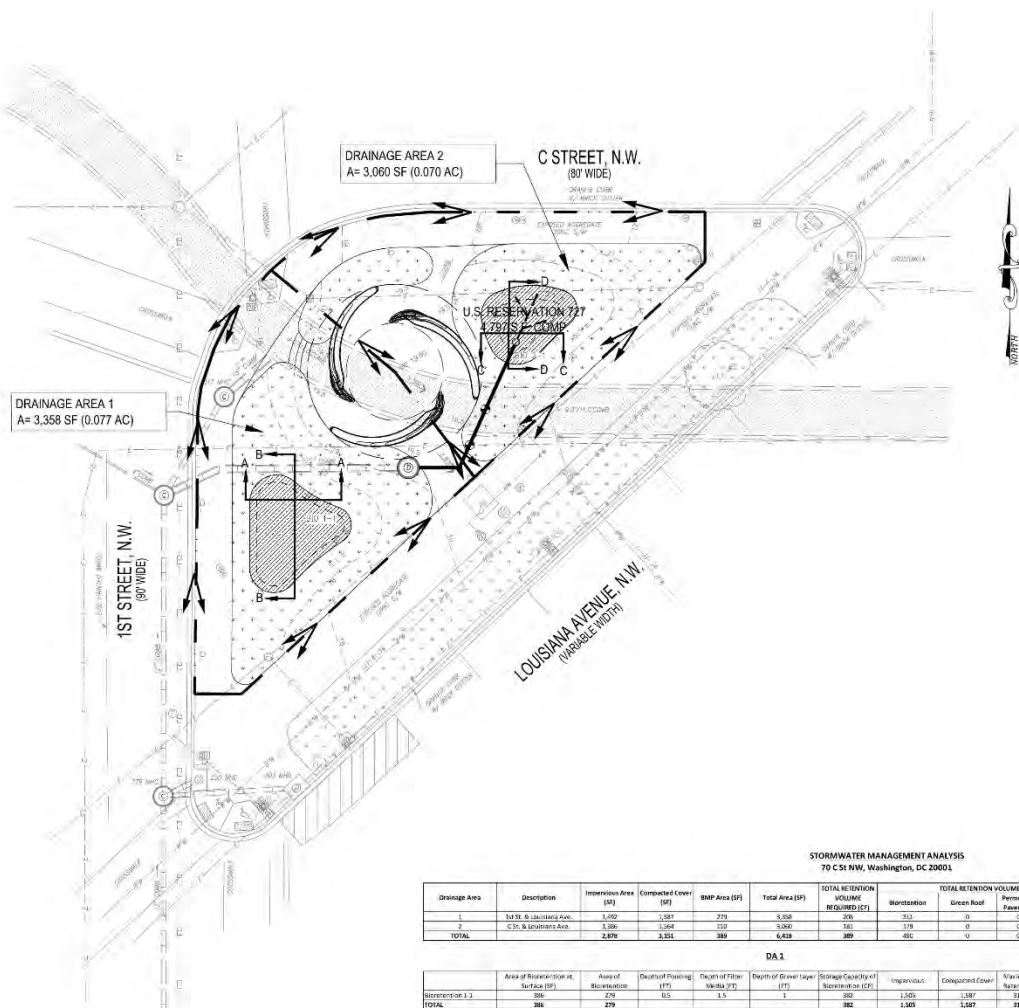
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CIVIL:
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1100 Commerce Street
Alexandria, VA 22314
703-684-6270



STORMWATER MANAGEMENT ANALYSIS
70 C St NW, Washington, DC 20001

Drainage Area	Description	Impervious Area (SF)	Permeable Area (SF)	Drainage Area (SF)	Total Area (SF)	Total Retention Volume Required (CF)	Retention Volume Provided (CF)	Retention Volume Remaining (CF)
1	3rd St. & Louisiana Ave.	1,000	1,000	2,000	2,000	200	200	0
2	C St. & Louisiana Ave.	1,000	1,000	2,000	2,000	200	200	0
TOTAL		2,000	2,000	4,000	4,000	400	400	0

DA 1

Area of Retention at Surface (SF)	Area of Retention (SF)	Depth of Retention (FT)	Depth of Retention (FT)	Depth of Retention (FT)	Storage Capacity of Retention (CF)	Impervious	Permeable	Retention Volume (CF)
300	270	0.5	0.5	0.5	1,350	1,350	1,350	1,350
TOTAL	300	270	0.5	0.5	1,350	1,350	1,350	1,350

DA 2

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Run 1.1	Run 2.3
0.25	0.25
0.40	0.40

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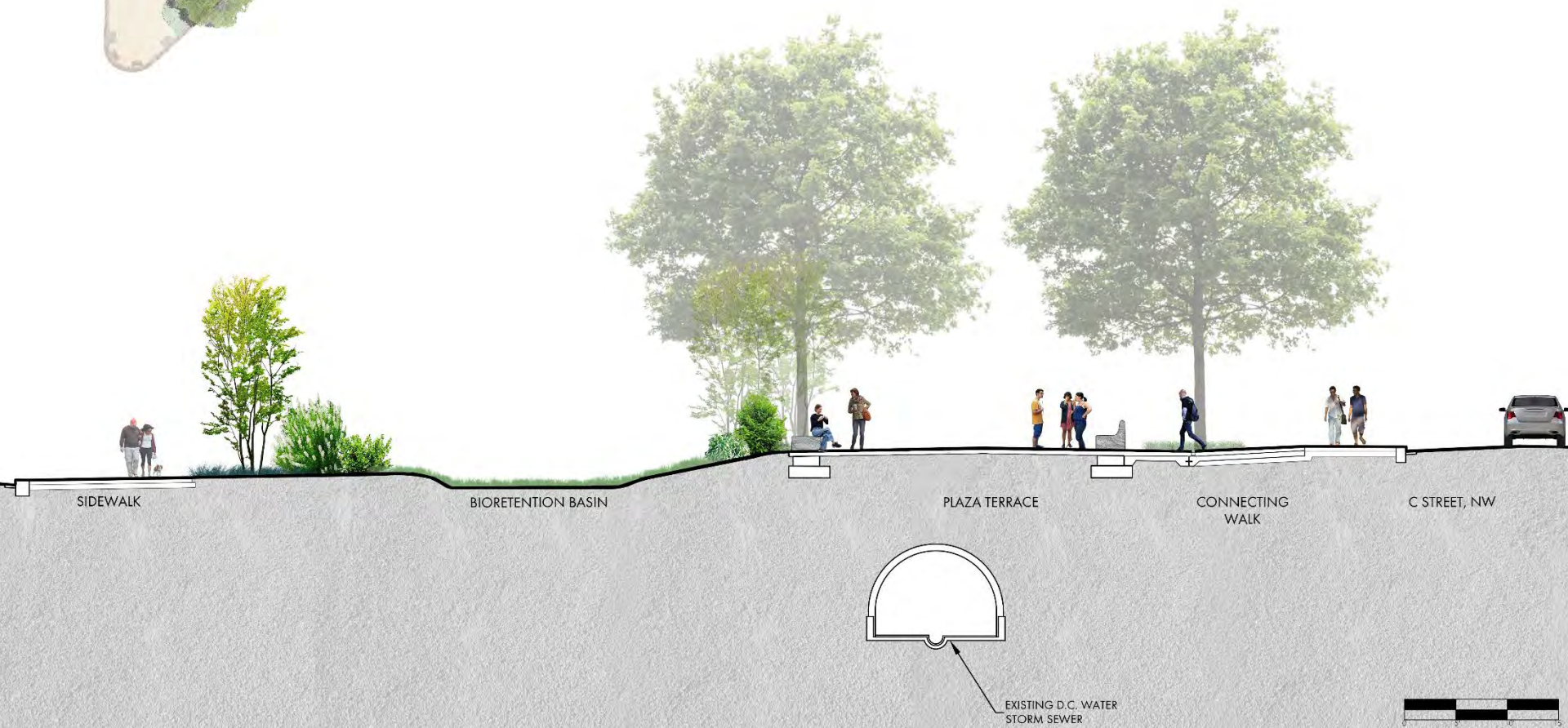
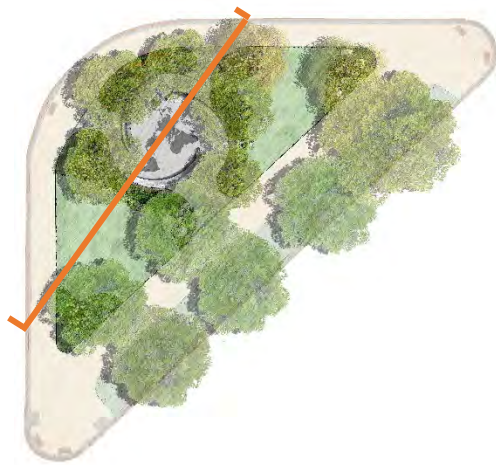
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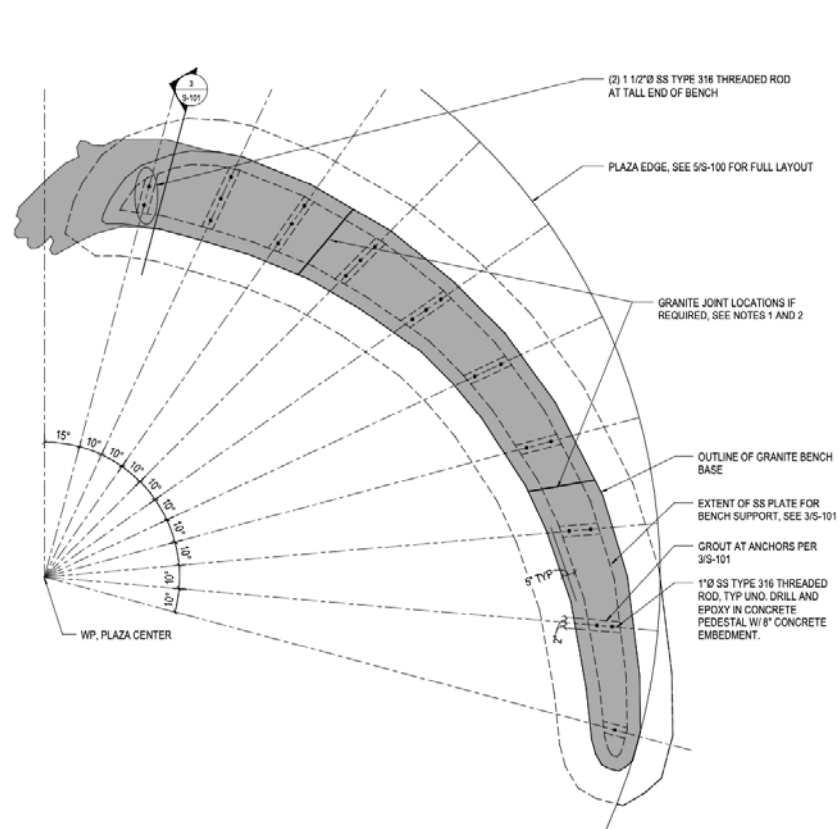
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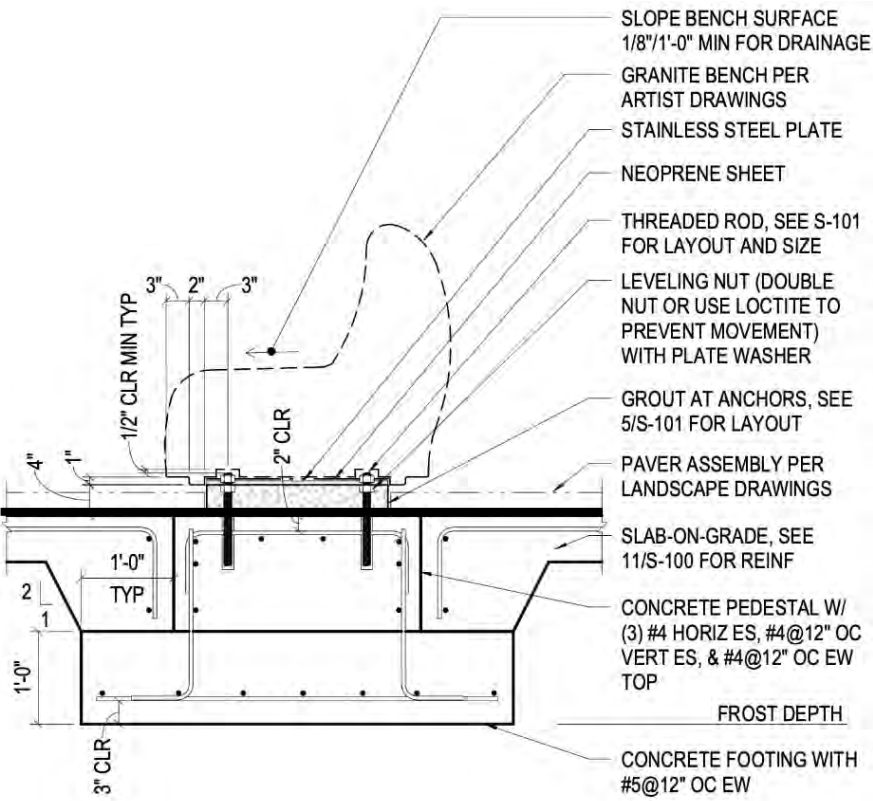
SITE SECTION THROUGH PLAZA AND SOUTH BIORETENTION

PLAN: BENCH SUPPORT



NOTE: Structural fins elevate bench 1" above grade to allow continuous drainage flow

SECTION: THROUGH BENCH SUPPORT



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BENCH GRANITE

Each of the Hand Benches will be carved from three blocks of Silver Cloud Granite from the State of Georgia.

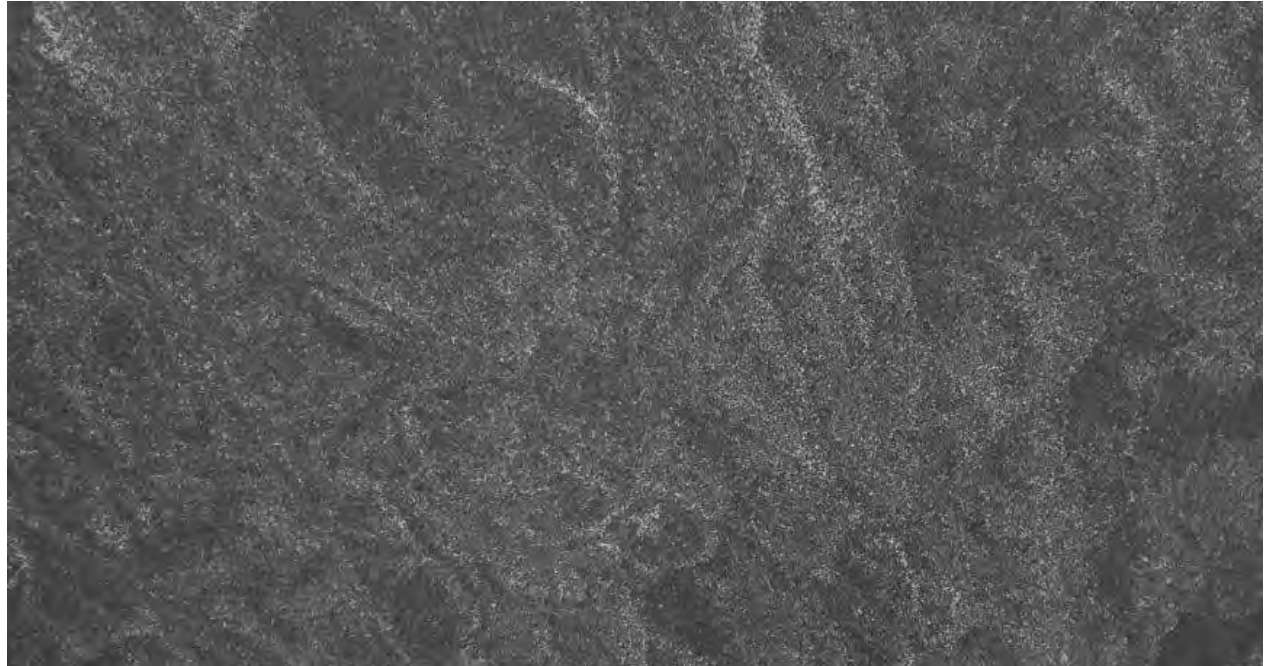
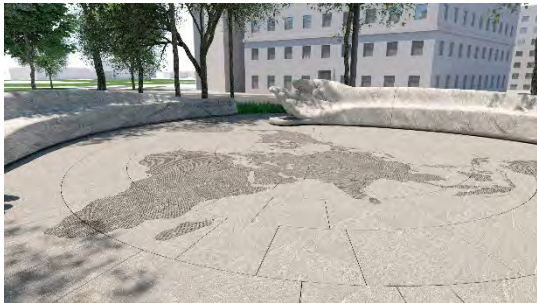
Silver Cloud is a very dense granite (compressive strength: 42,668 Psi), with low water absorption (0.14%).



MAP GRANITE

The World Map is created with Virginia Mist Granite from State of Virginia.

Virginia Mist is a very dense granite (compressive strength: 24,100 Psi), with low water absorption (0.21%).





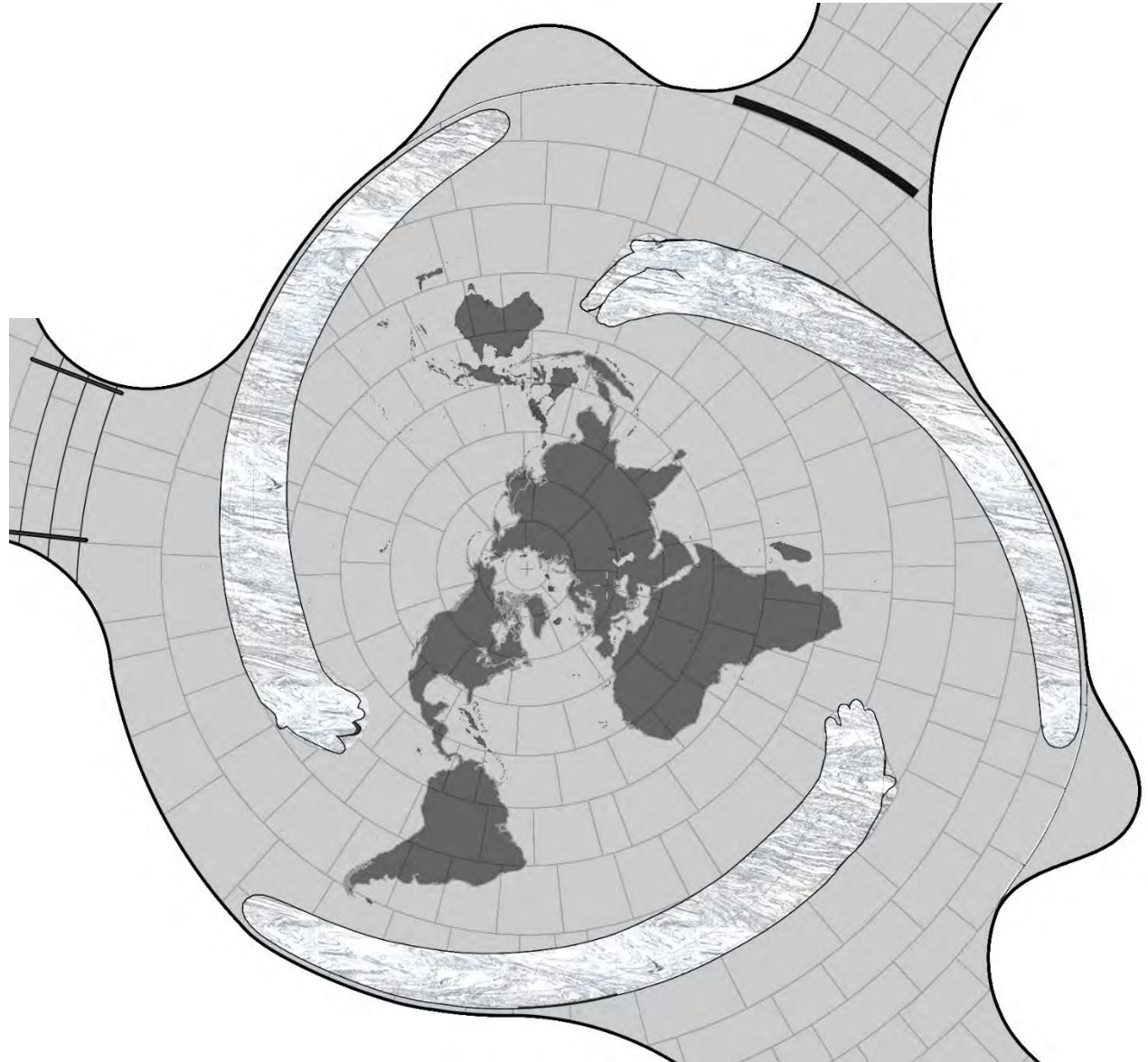
Bench mockup section from Quarra (Note: the correct height of the bench is not represented in this mockup)

POLAR WORLD MAP

The Polar World map was selected with the help of cartographers connected to National Geographic Society.

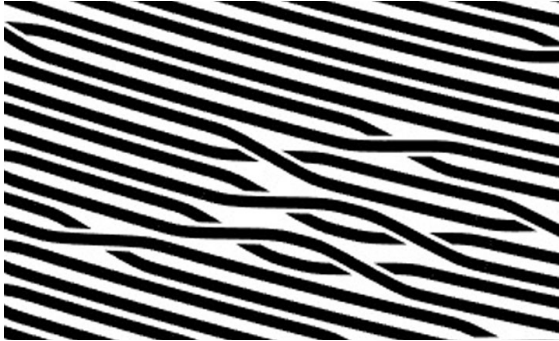
The design team wanted the most accurate and detailed map. We feel the Polar World map presents the best option to diminish distortion. The joint pattern of the paving has been arranged to avoid looking like longitude and latitude lines by offsetting all radial head joints in the paving. Graphics are meant to layer more meaning to Peace Corps Park.

The bas relief surface of the map paving is to provide a safe walking surface but also a skateboard deterrent.



TYPICAL LAND PAVING PATTERN

The land masses in the plaza map are made from concentric rings of one quarter inch high honed Virginia Mist. These lines are separated by one eighth inch grooves to provide the necessary friction coefficient for safe a walking surface. In random location these lines cross over. This intersection symbolizes the important personal interactions the Peace Corps volunteers make during their service abroad.



PLAZA SEA PAVING PATTERN INSPIRATION

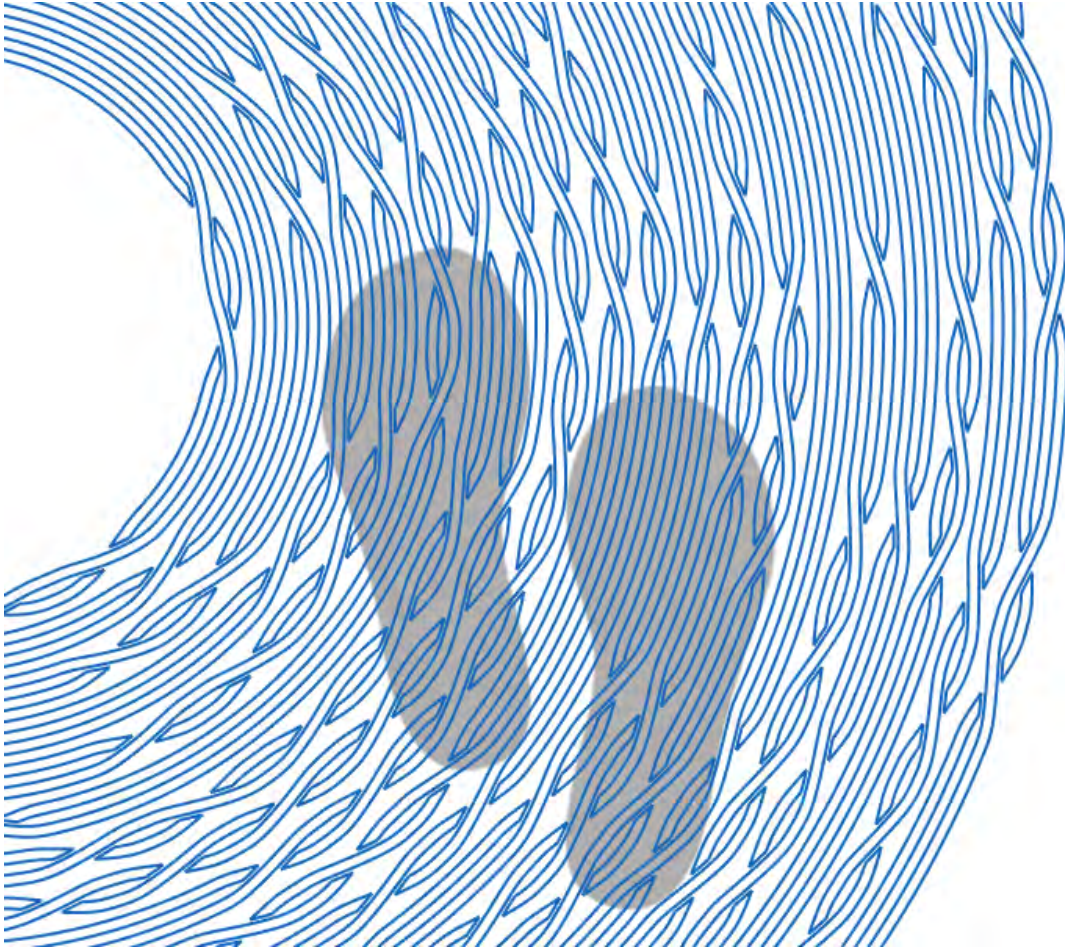
This wood panel has a texture created by an adz chisel. Creating a similar but softer pattern in the water portions of the plaza map esthetically recalls the surface of the seas.



TYPICAL SEA PAVING PATTERN

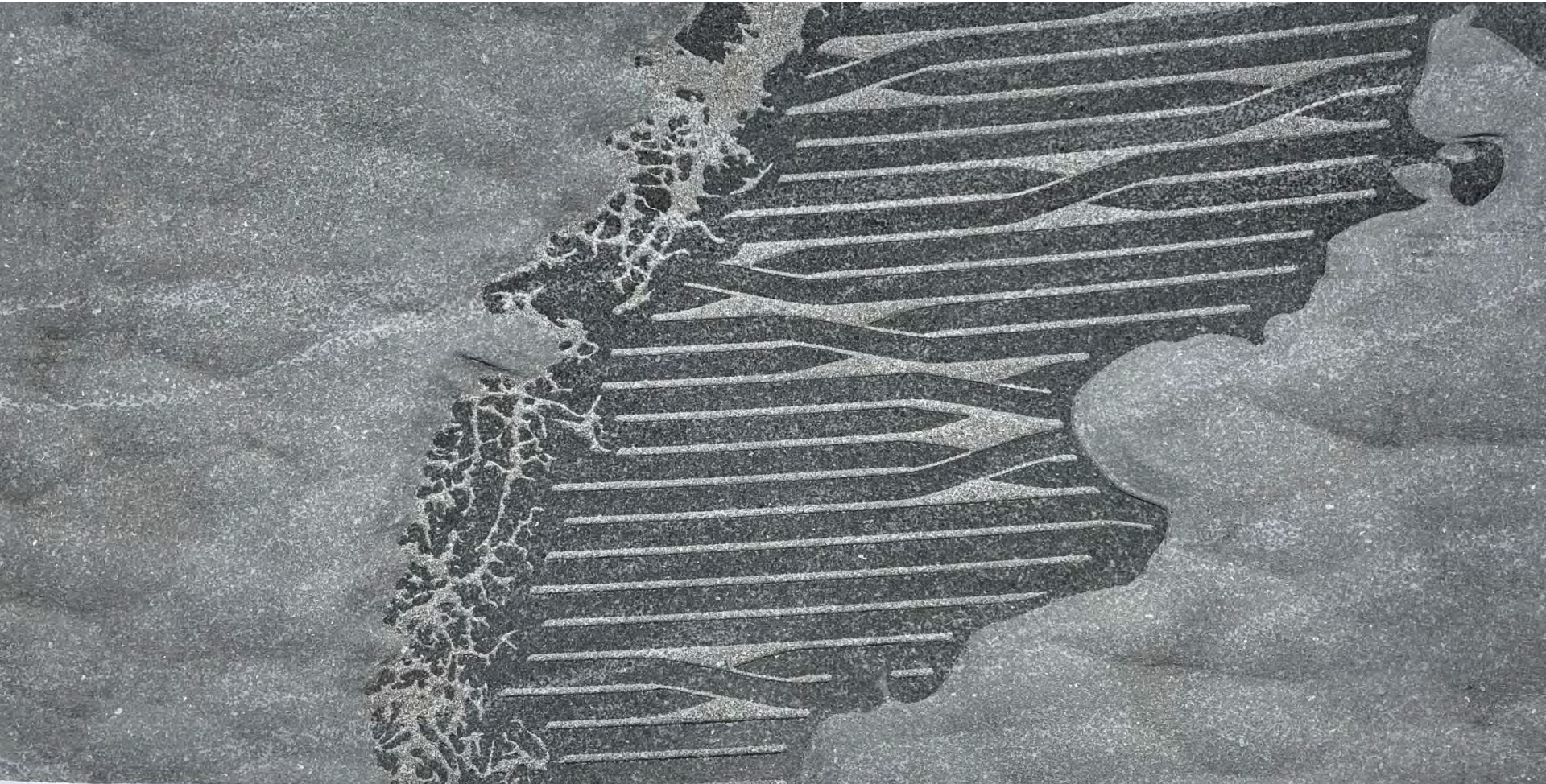


PLAZA PAVING PATTERN SCALE COMPARISONS



The shoe print shows the scale of the land and water textures.

PLAZA PAVER LAND & WATER TEXTURE DETAIL



The proposed textured surface is an accessible interpretive aesthetics of the sea on the plaza map and provides an experience of feeling the texture.

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ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ

INSCRIPTION FONT

The font that the Benson father and son letter carvers have developed is a sans serif type with a slight flare to the end strokes of each letter. It is designed for commemorative spaces and is meant to convey honorific seriousness. It is clearly legible and is carved by hand to have the distinctive "V" chiseled into the granite. The "V" captures light and shadow much better than a "U" shaped machined letter.

Nicholas Benson, Letter Carver

Mr. Benson has carved many commemoratives in the Washington D.C., including the Martin Luther King, Jr. Memorial and the American Veterans Disabled for Life Memorial.



AMERICAN VETERANS DISABLED FOR LIFE
M E M O R I A L



Hand carved V chiseled letters at the American Veterans Disabled For Life Memorial by Nicholas Benson

BENCH 1 (facing Louisiana Ave)

**ASK NOT WHAT YOUR COUNTRY CAN DO FOR YOU.
ASK WHAT YOU CAN DO FOR YOUR COUNTRY.**

**PRESIDENT JOHN F. KENNEDY
PEACE CORPS – FOUNDED 1961**

Bench back quote at Louisiana Avenue Entrance

BENCH 1 (facing plaza)

BE NOT AFRAID TO SEEK PEACE, EVEN IF YOUR VOICE MAY BE SMALL.

ELLEN JOHNSON SIRLEAF, PRESIDENT OF LIBERIA, 2006-18

BENCH 2 (facing plaza)

IT IS IN YOUR HANDS TO MAKE A BETTER WORLD FOR ALL WHO LIVE IN IT.

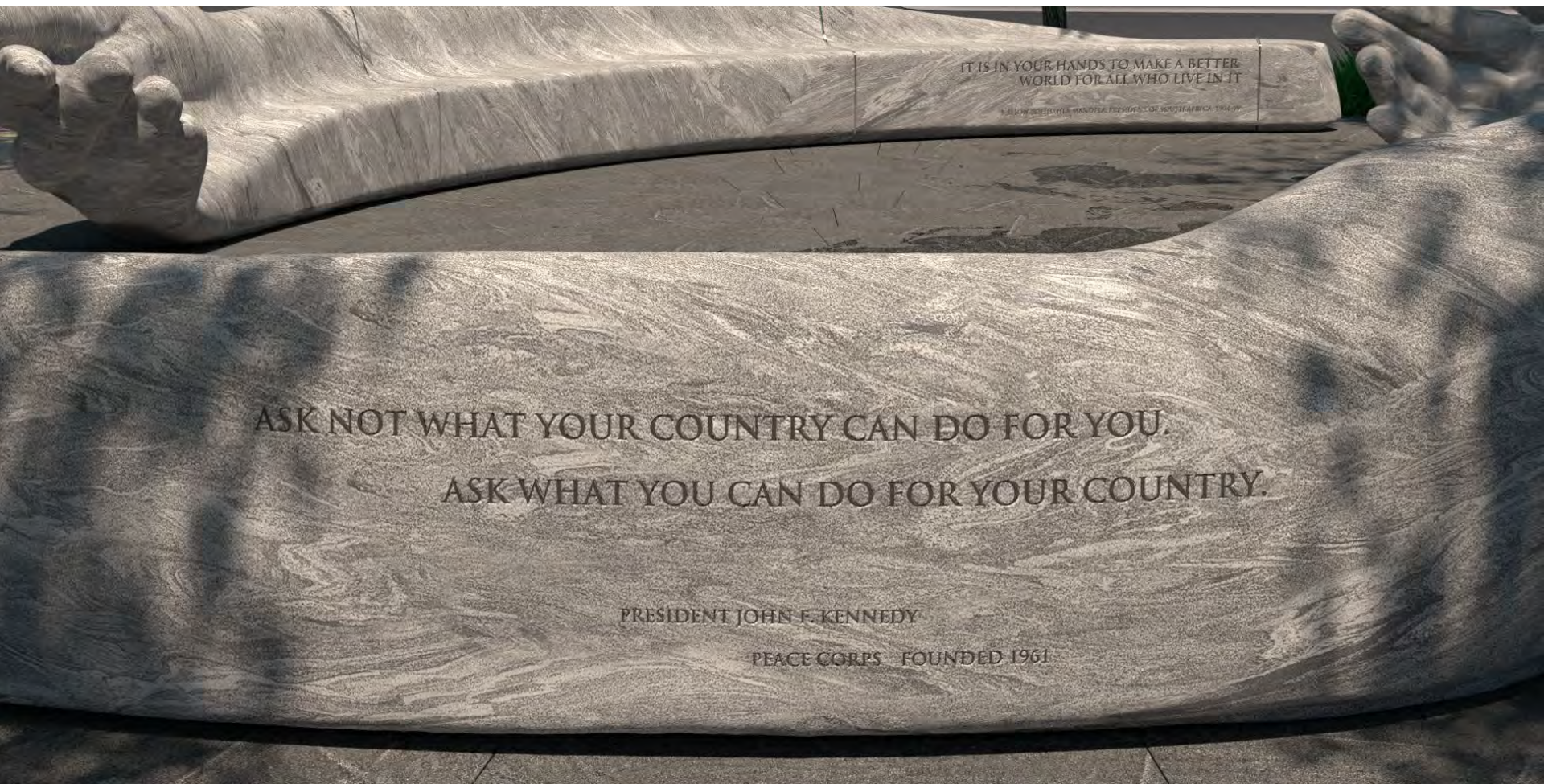
NELSON ROLIHABLA MANDELA, PRESIDENT OF SOUTH AFRICA, 1994-99

BENCH 3 (facing plaza)

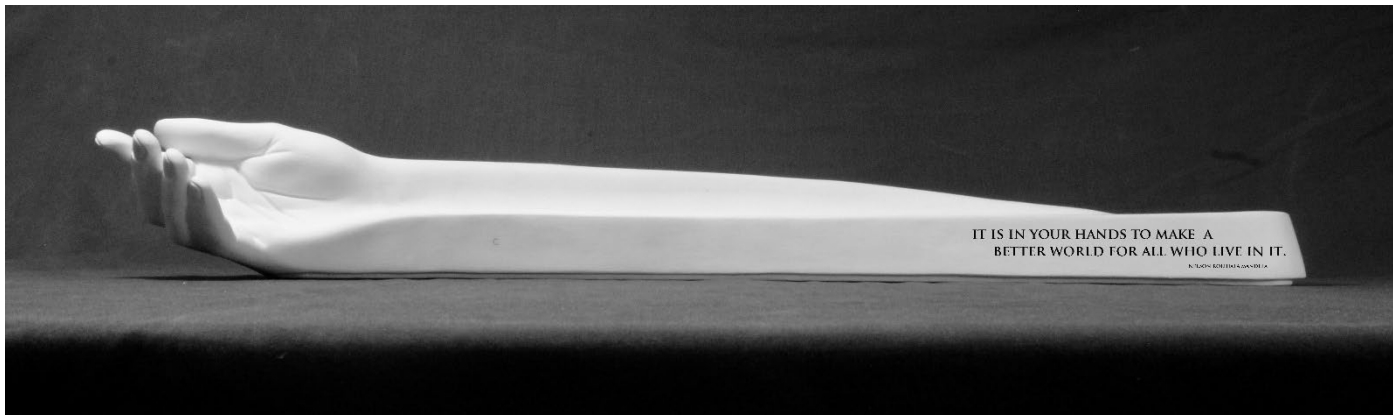
**PEACE IS OUR CALLING. PEACEMAKING IS OUR SKILL. THE WORLD NEEDS
PEACE. PEACE NEEDS YOU.**

R. SARGENT SHRIVER, FIRST DIRECTOR OF THE PEACE CORPS, 1961-66

Bench quotes facing plaza and world map



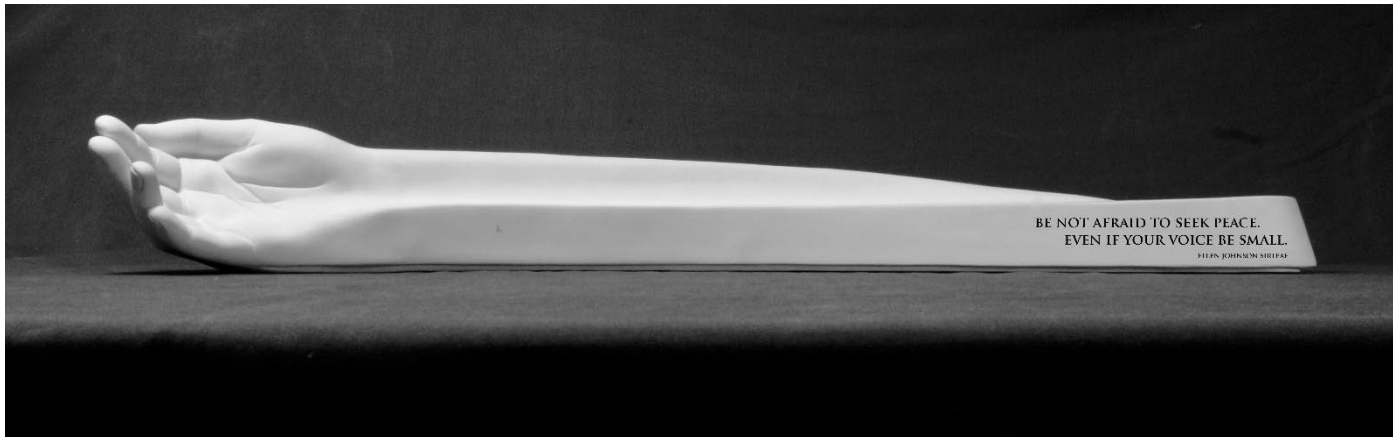
Louisiana Avenue entrance.



IT IS IN YOUR HANDS TO MAKE A
BETTER WORLD FOR ALL WHO LIVE IN IT.

K. BLANK, BETHLEHEM, PA

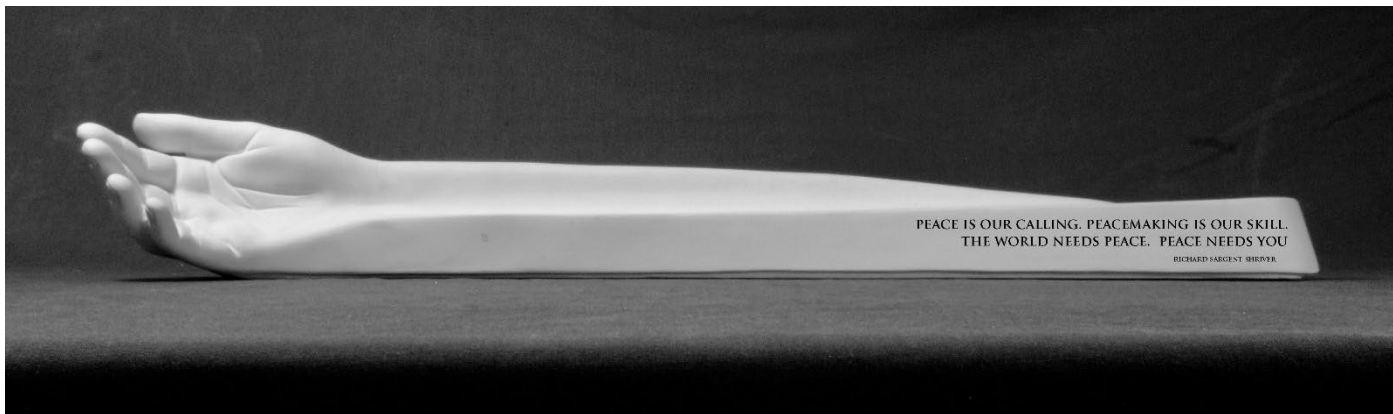
BENCH 2



BE NOT AFRAID TO SEEK PEACE.
EVEN IF YOUR VOICE BE SMALL.

HELEN JOHNSON, NEW YORK

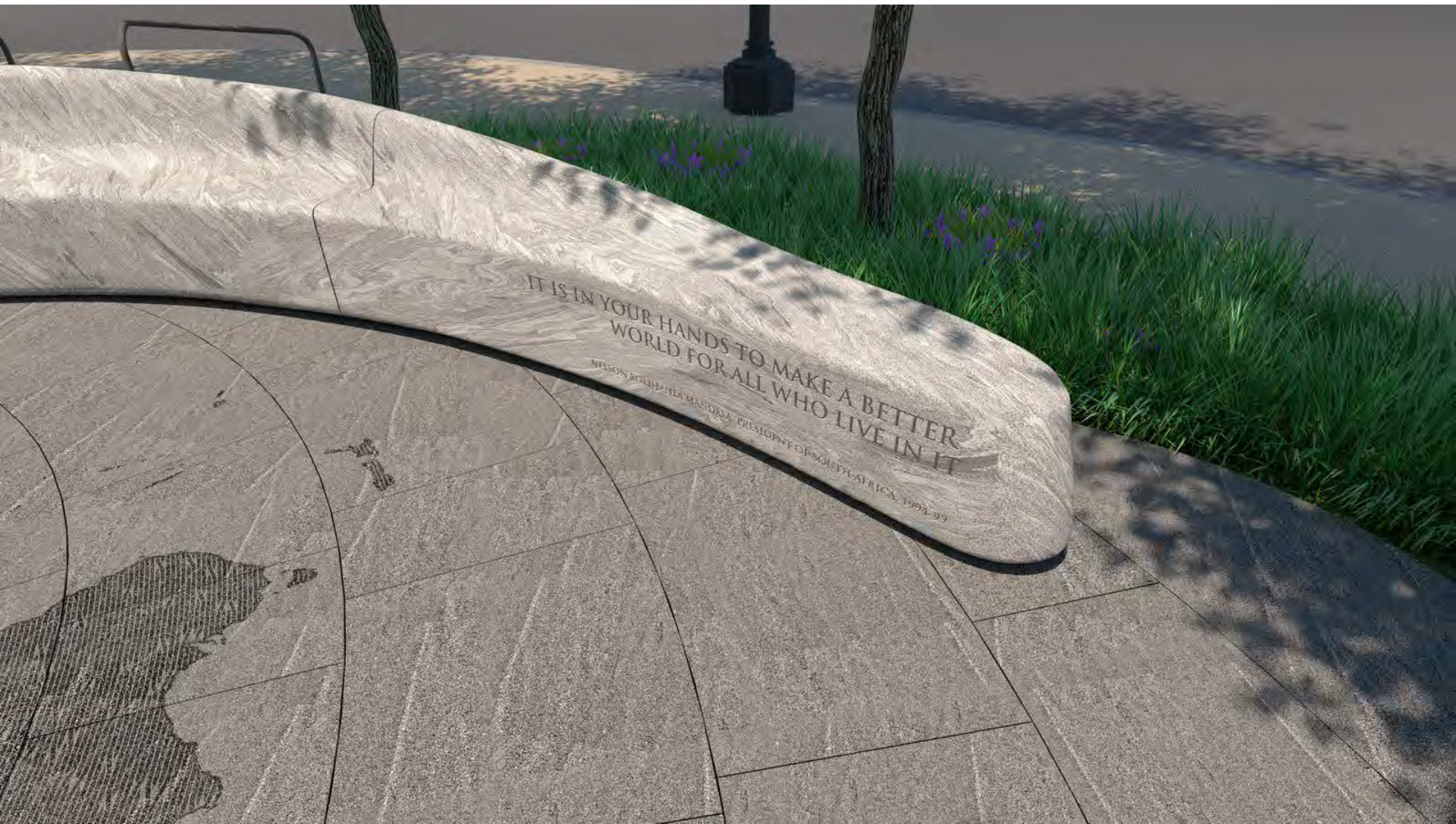
BENCH 1



PEACE IS OUR CALLING. PEACEMAKING IS OUR SKILL.
THE WORLD NEEDS PEACE. PEACE NEEDS YOU

RICHARD FARCEST, NEW YORK

BENCH 3



Bench end inscription. (view of bench 2)

CONTENTS

- INTRODUCTION/BACKGROUND
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- SITE UPDATE
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 - MATERIALS
 - INSCRIPTION
 - **ACCESSIBILITY**
 - SKATEBOARD DETERRENT
 - PLANTING
 - LIGHTING
 - SIGNAGE





Peace Corps Park
Washington, District of Columbia

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2054 1/2 Dana Place, NW
Washington, DC 20016
202-345-0730

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National Park Service
National Mall & Memorial Parks
950 Ohio Avenue, SW
Washington, DC 20004

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734 NW 11th Ave #203
National, Oregon 97101
202-256-0264

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335 W 38th Ave Ste 13
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303-454-7261

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400 North Street NW #20
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PEACE CORPS
4475 Scott Street
Denver, CO 80212
720-201-6516

PEACE CORPS
PEACE CORPS
3000 West 10th Ave
Boulder, CO 80501
303-441-1610

PEACE CORPS
PEACE CORPS
4302 West 18th Ave, Ste 400
Boulder, CO 80501
303-441-1610

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Wheelchair companion seating

Wheelchair companion seating

PARK LEGEND

- 1 EXISTING EXPOSED CONCRETE AGGREGATE PAVING TO REMAIN
- 2 EXISTING GRANITE CURBS TO REMAIN
- 3 PEACE CORPS TERRACE PLAZA
- 4 EX. TREE TO BE PRESERVED & PROTECTED DURING CONST.
- 5 EX. PERIMETER STREET LIGHTS TO BE PRESERVED & PROTECTED
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- 10 ADA-CANE DETECTION RAILS

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- L1 33" ANODIZED ALUMINUM TECHNIUM LIGHT POLE WITH MULTIPLE FIXTURES [3]
- LIMIT OF PROJECT SCOPE / WORK
- LIMIT OF DISTURBANCE, DEMO, & GRADING

DESIGN DEVELOPMENT	PARK INFORMATION	QUALITY DESIGN CERTIFICATION
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE NATIONAL CAPITAL PROJECT SPECIAL MANAGEMENT DIVISION	PEACE CORPS PARK RESERVATION 727 1001 15th Street, NW, Washington, DC 20004	DESIGNED BY: [Signature] CHECKED BY: [Signature] DATE: [Date]



LAYOUT & MATERIALS
PLAN

SHEET NUMBER:
SA-101

OPTION A BIRD'S EYE



OPTION A Maintains the current plaza paving design configuration but adds smaller reverse curves to the companion seating areas with the outer edge of the Plaza. This option extends the plaza paving and texture out into these niches.

OPTION A EYE LEVEL



Option A from Louisiana Avenue entrance.



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Wheelchair companion seating

Wheelchair companion seating

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- LIMIT OF PROJECT SCOPE / WORK
- LIMIT OF DISTURBANCE, DEMO, & GRADING

DESIGN DEVELOPMENT
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
NATIONAL CAPITAL REGION
SPECIAL AND HISTORIC PARKS

PARK INFORMATION
TBD
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1000 15TH STREET, N.W., WASHINGTON, D.C. 20004

QUALITY DESIGN CERTIFICATION
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DATE: [Date]

LAYOUT & MATERIALS
PLAN

SHEET NUMBER
SA-101

OPTION B BIRD'S EYE - PREFERRED OPTION



OPTION B reduces the radius of the entry stem walks so they meet with the outer radius of the wheelchair companion seating areas but extends this radius further to meet the edge of the plaza at the back of the benches without the need of a reverse curve. This configuration completely absorbs the niches entirely into the plaza geometry. The plaza paving and texture also continues out into the wheelchair spaces.

OPTION B EYE LEVEL - PREFERRED OPTION



Option B from Louisiana Avenue entrance.

Note: OPTION B expands the paving at each entry, which in turn increases the area of paving available for skateboarders to potentially gather up greater speed to jump and grind the edges of the bench. This Option also adds additional Impervious paving to the design.

OPTION B DETAIL VIEW



Option B view of bench 2.

WHEELCHAIR SEATING



Option B view of bench 2.



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430-333-0800

CONTRACTOR
Adrian Consulting &
Tom Prosser
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Baltimore, MD 21212
301-432-2077



DATE	DESCRIPTION	DATE	DESCRIPTION
10/10/2024	DESIGN DEVELOPMENT	10/10/2024	DESIGN DEVELOPMENT
10/10/2024	DESIGN DEVELOPMENT	10/10/2024	DESIGN DEVELOPMENT

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MATERIALS LEGEND

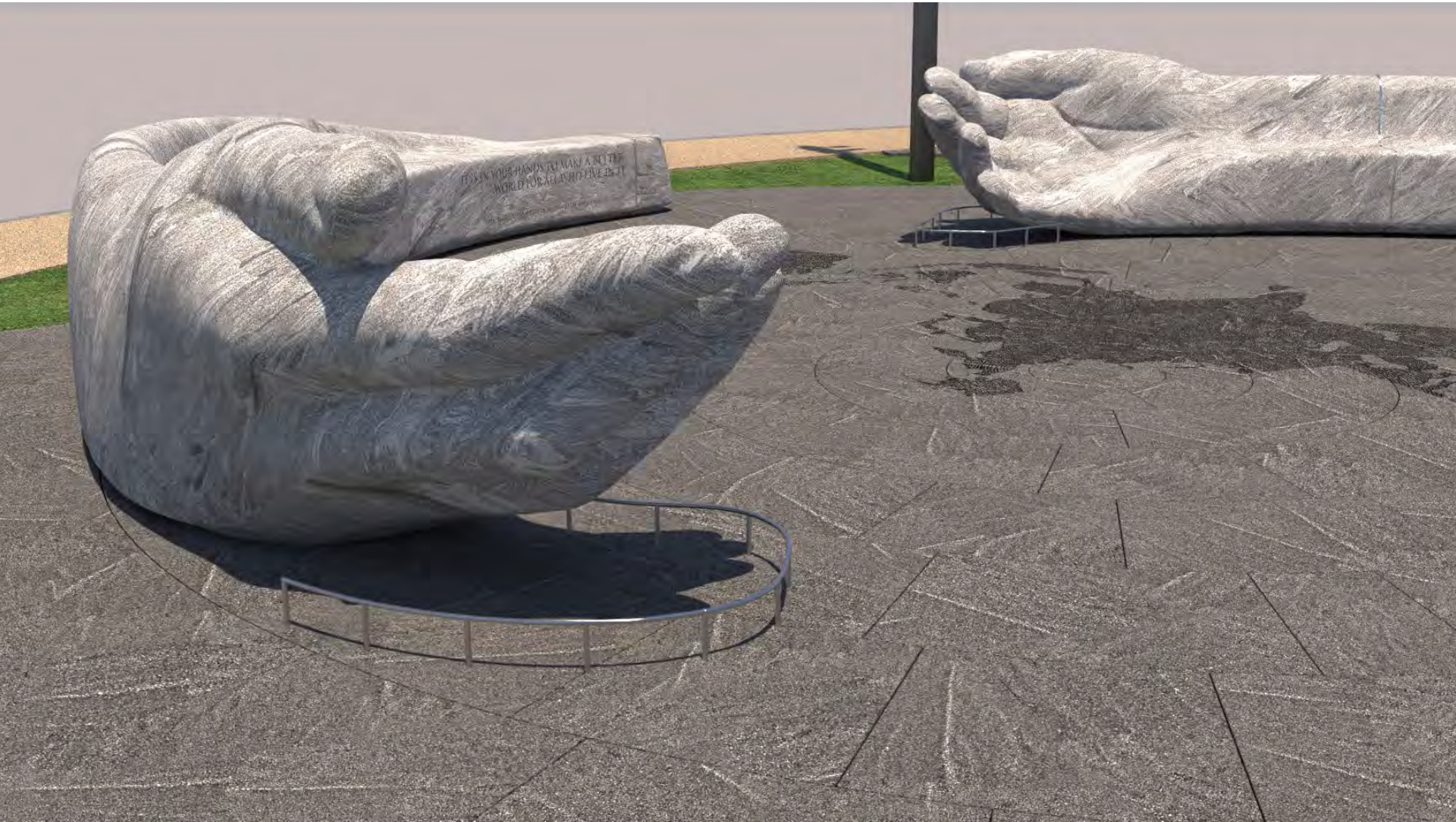
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DESIGN DEVELOPMENT	UNITED STATES DEPARTMENT OF THE INTERIOR
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PARK INFORMATION	PEACE CORPS PARK RESERVATION 727
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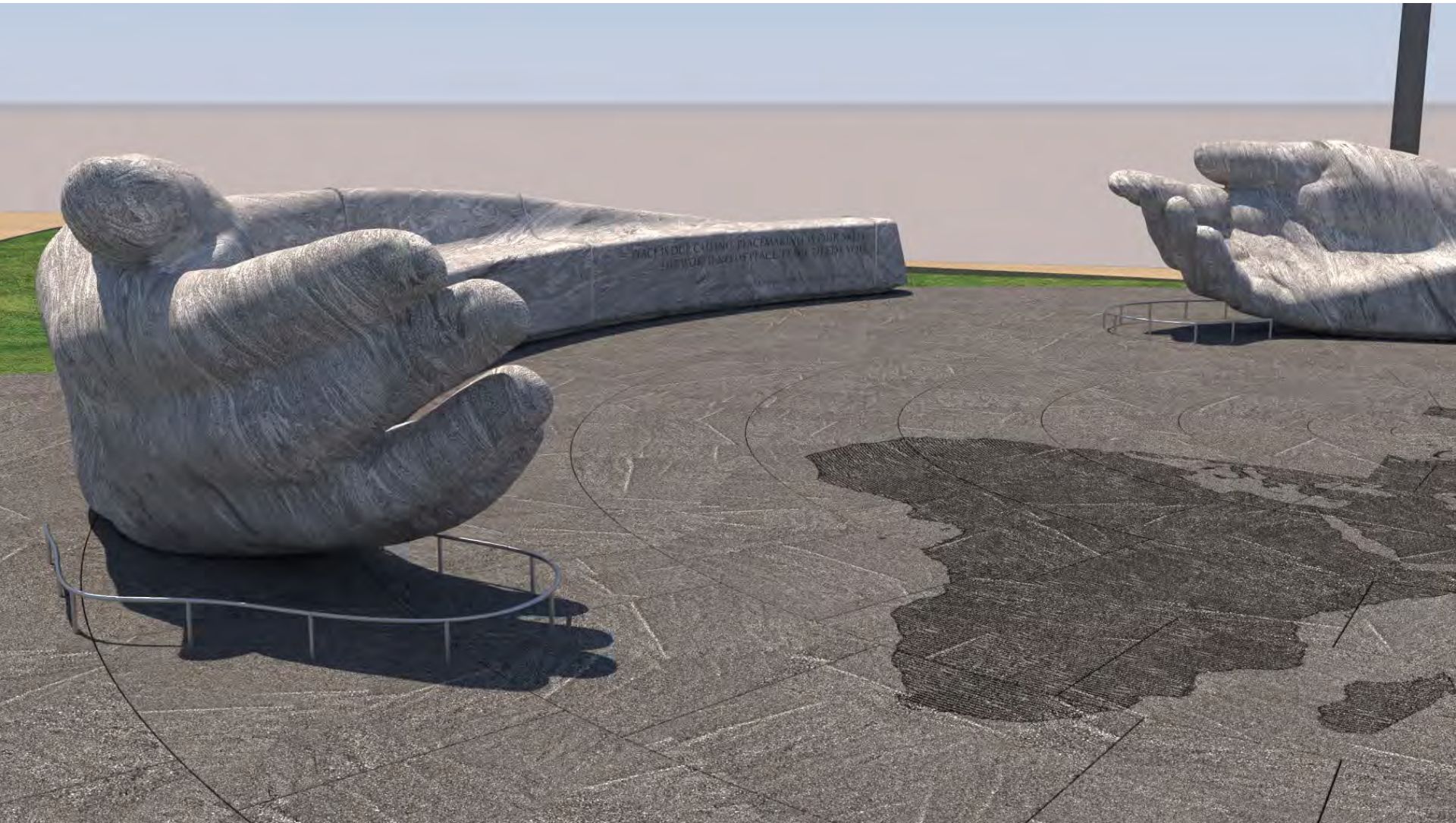
QUALITY DESIGN CERTIFICATION	QUALITY DESIGN CERTIFICATION
QUALITY DESIGN CERTIFICATION	QUALITY DESIGN CERTIFICATION
QUALITY DESIGN CERTIFICATION	QUALITY DESIGN CERTIFICATION

OPTION 1A



OPTION 1A provides a 1/2" diameter stainless steel rail mounted on 1/4" stainless steel dowels at the ADA recommended height of 4" above the plaza pavement. (view of bench 2)

OPTION 1A

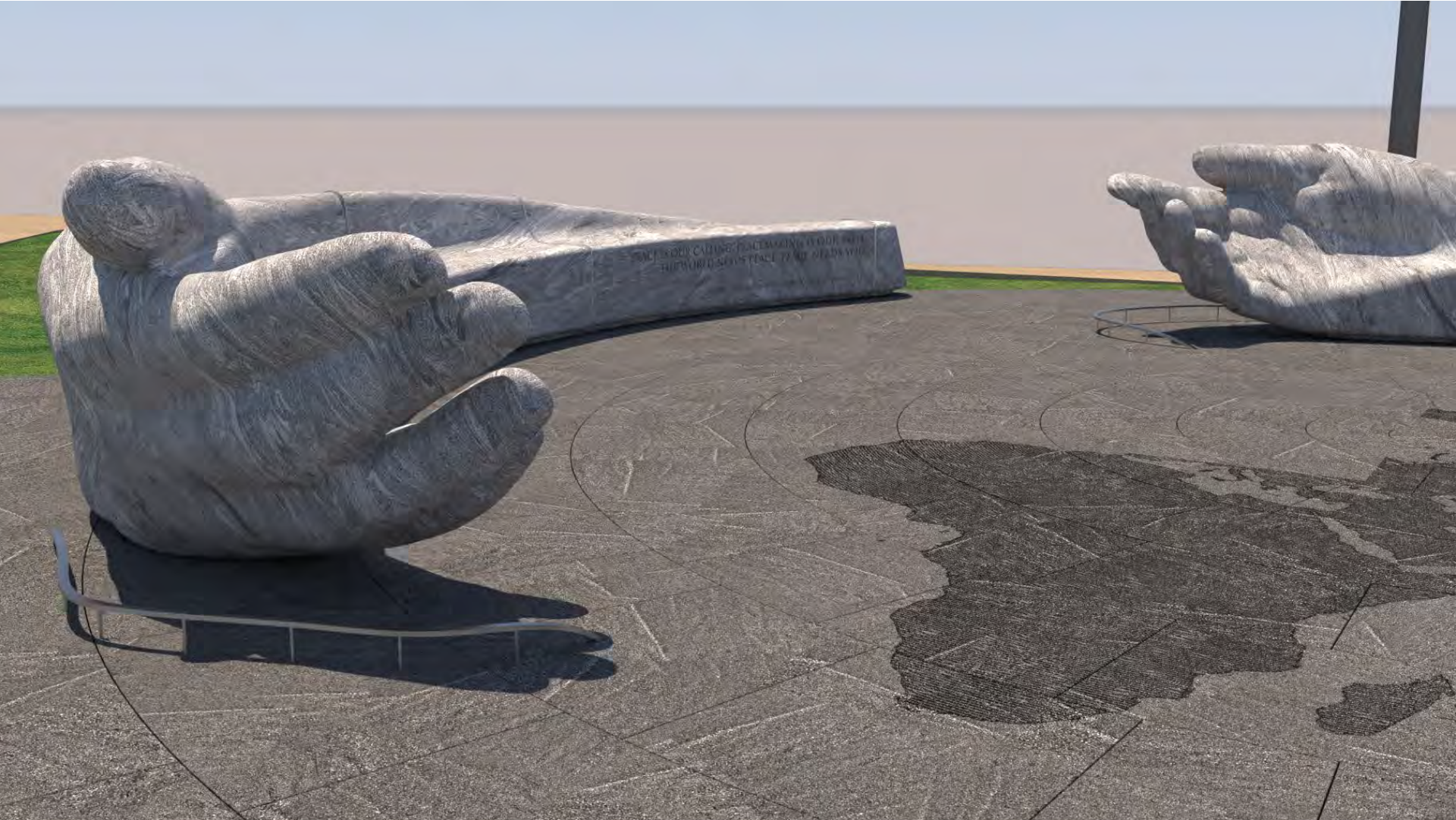


OPTION 1B - PREFERRED OPTION



OPTION 1B uses the 1" x 1/2" stainless bar only in the area required by ADA, eliminating any rail in front of the hand and by sloping the rail into the plaza surface. (view of bench 2)

OPTION 1B - PREFERRED OPTION



OPTION 2



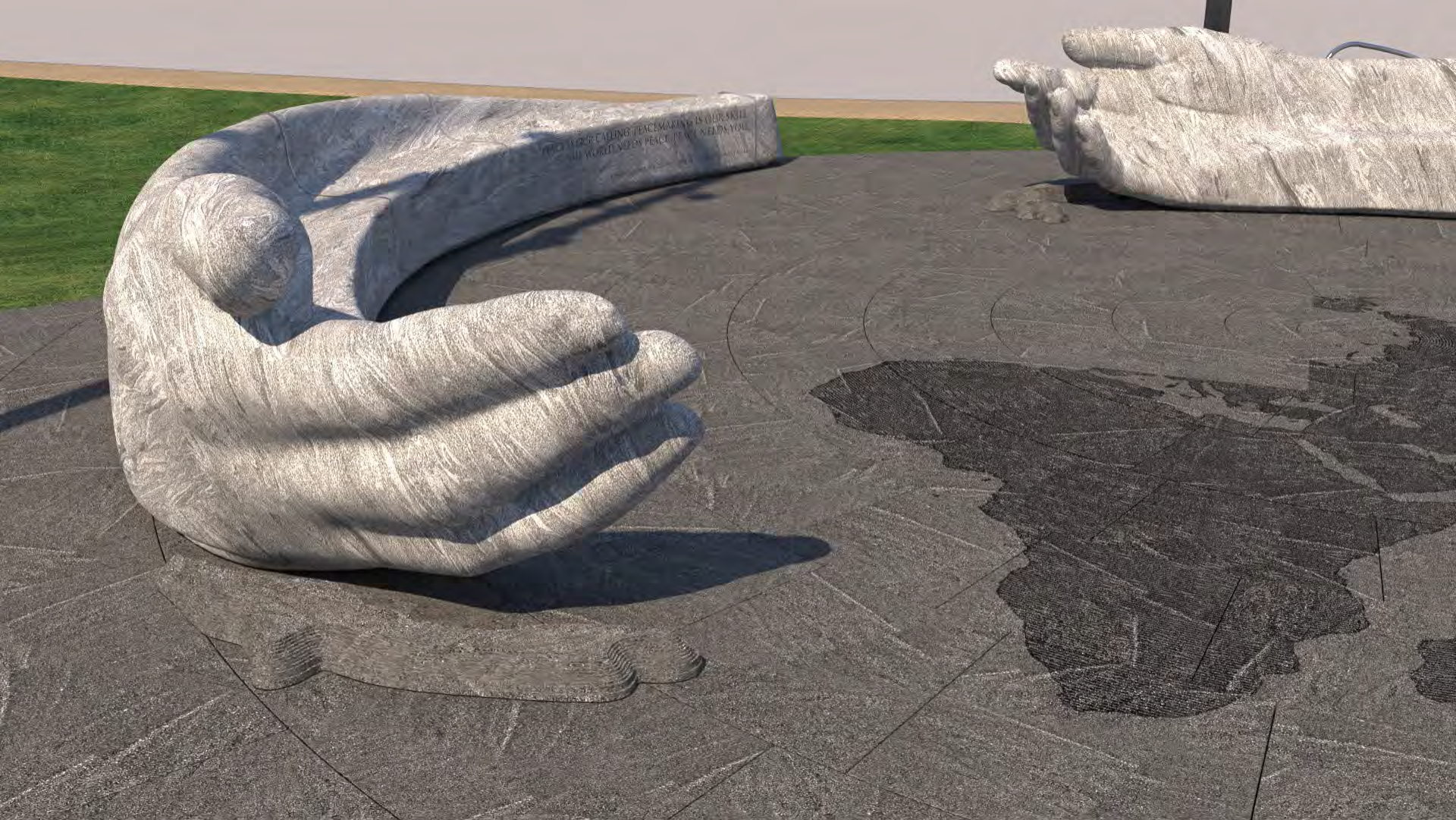
Option 2 provides raised pavers matching the plaza material and configured as stepped topography. (view of bench 2)

OPTION 2



The first two increments of the cane detection are $\frac{3}{4}$ " each and followed by ten $\frac{1}{4}$ " steps for a total of 4". (Option 2 view of bench 3)

OPTION 2



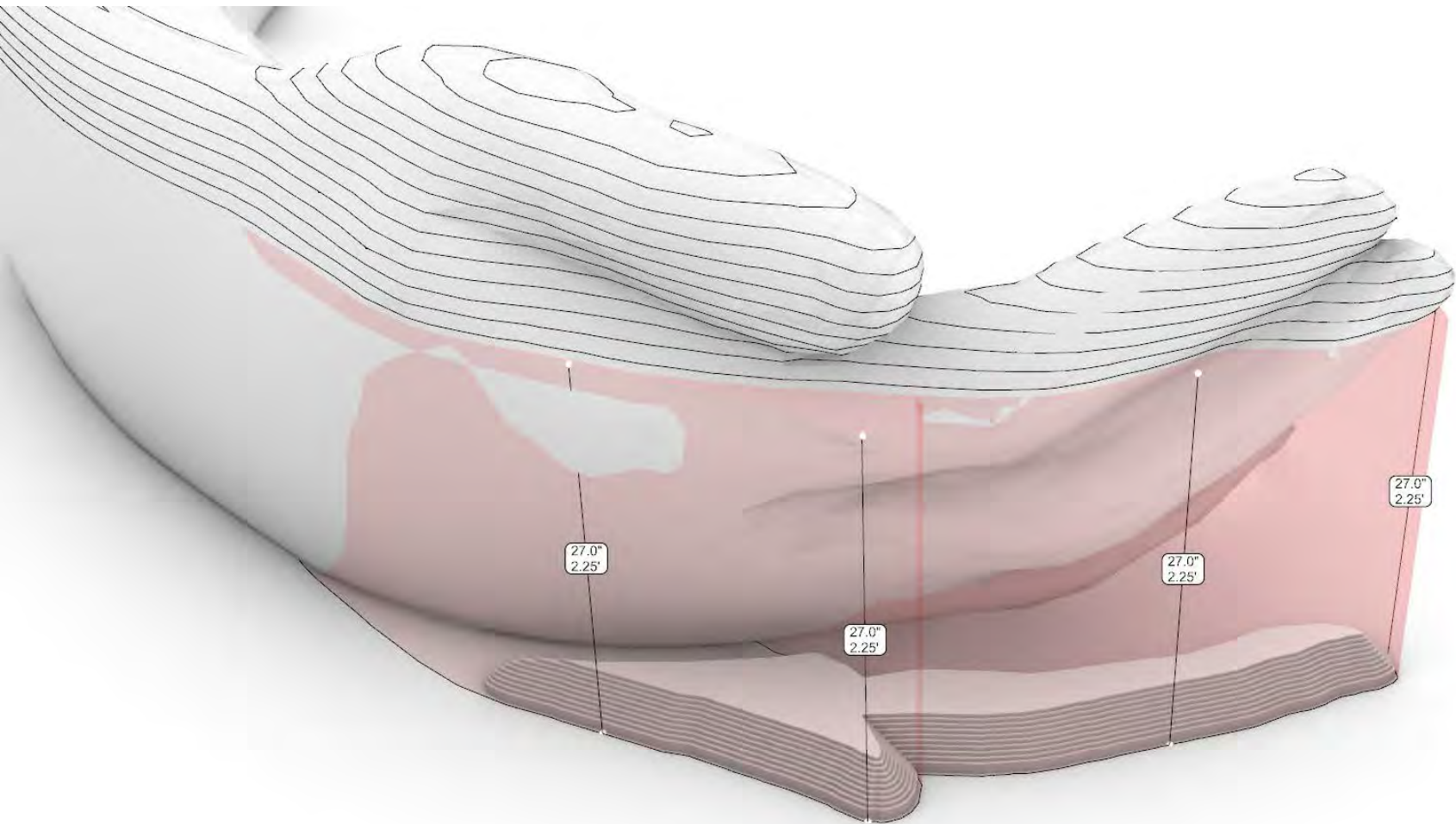
Option 2 view of bench 3

OPTION 2



Option 2 view of bench 1

OPTION 2 DIAGRAM



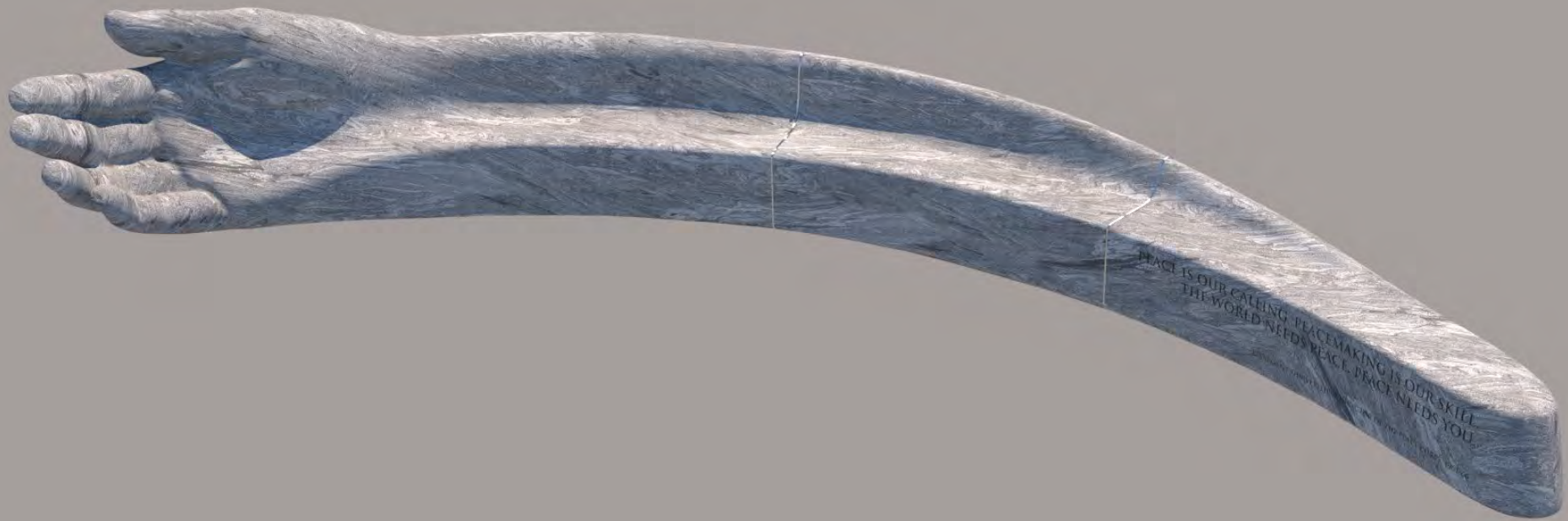
Consistent with ADA recommendation, cane protection is a projection of the contour line of the hand at 27" above the paving.

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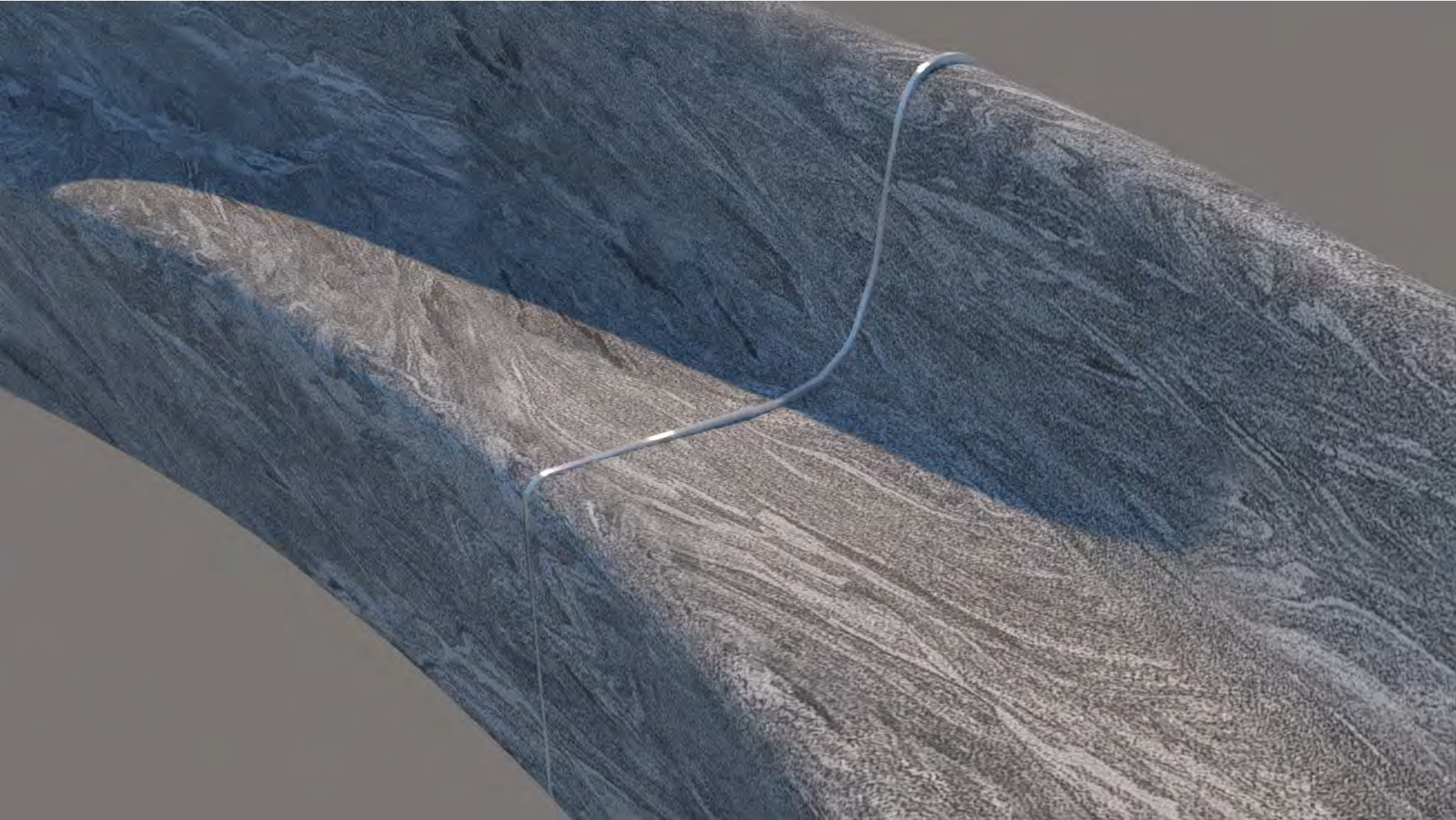


STONE JOINT / SKATEBOARD DETERRENTS



Each bench is divided into three stone blocks.

STONE JOINT / SKATEBOARD DETERRENTS



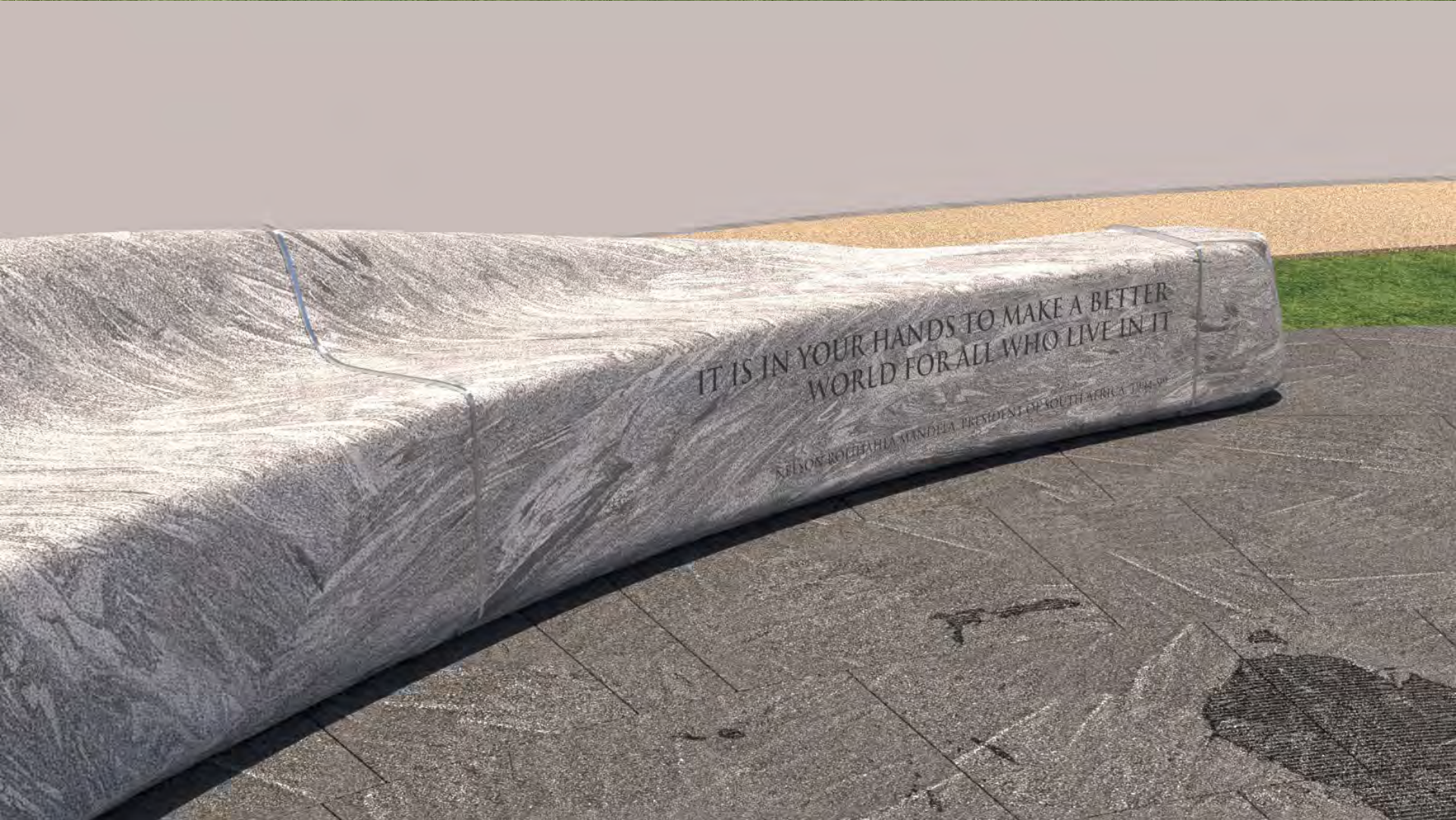
The 3/8" stainless steel plates are flush with the stone on vertical surfaces and raised 1/2" on the horizontal to provide a skateboard deterrent of riding along the seat surface and benchback.

ADDITIONAL SKATEBOARD DETERRENT DETAIL – BENCH 1



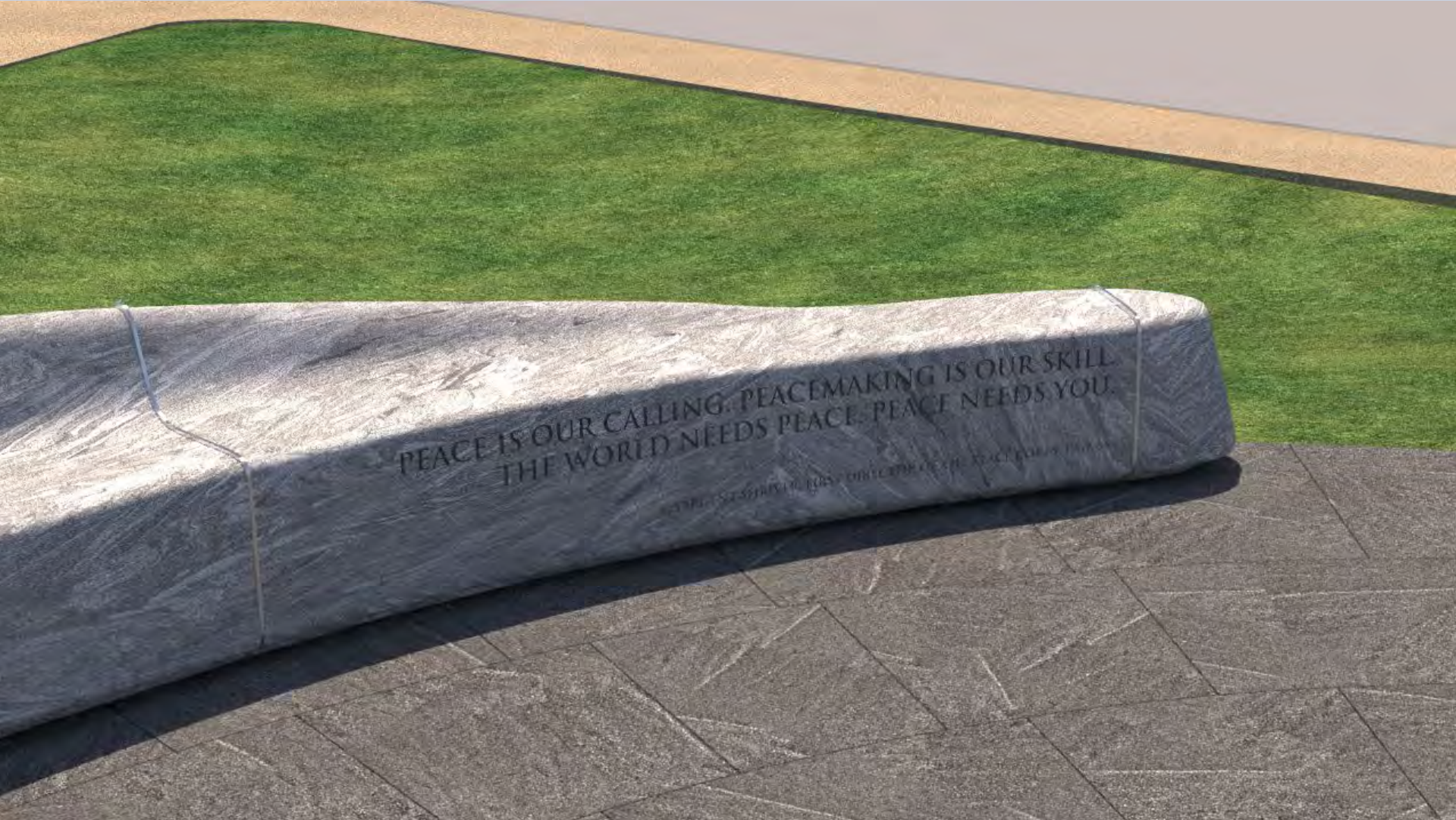
We recommend adding a third 3/8" stainless steel plate at the end of each bench as additional skateboard deterrent. (view of bench 1)

ADDITIONAL SKATEBOARD DETERRENT DETAIL – BENCH 2



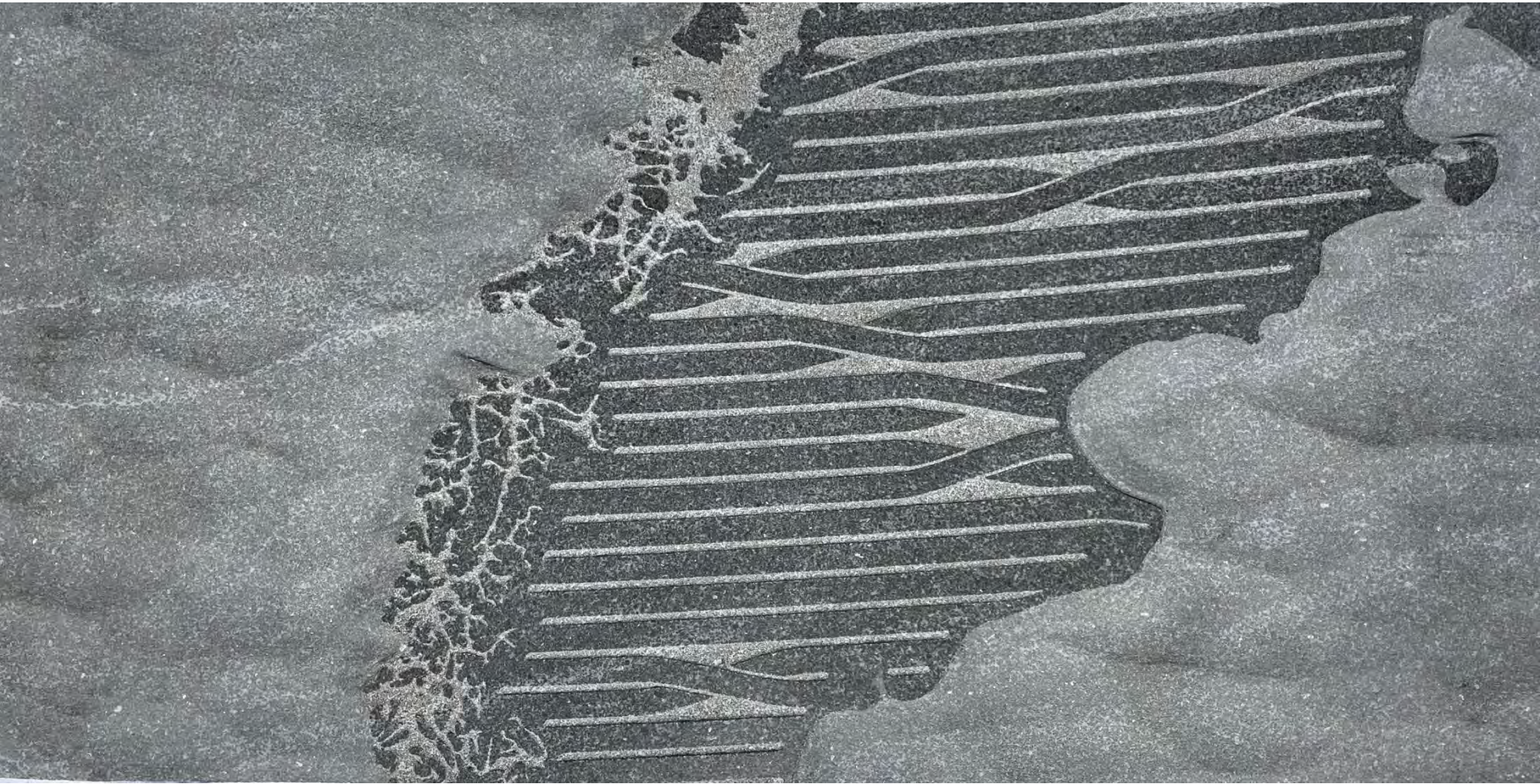
View of bench 2

ADDITIONAL SKATEBOARD DETERRENT DETAIL – BENCH 3



View of bench 3

PLAZA PAVING / SKATEBOARD DETERRENTS



The low relief of 3/16" vertical difference between trough and crest is unwelcome to the skateboarders.



Wheelchair test.

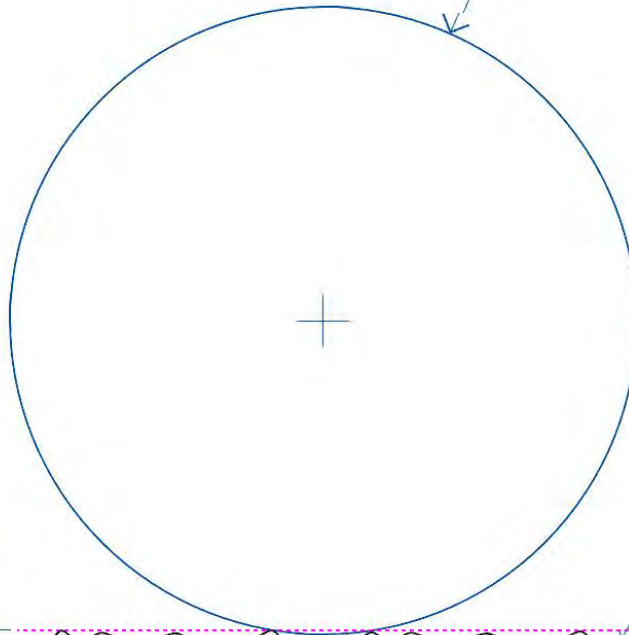


Skateboard test.



WHEELCHAIR REAR WHEEL

Ø 12"



$\frac{3}{16}$

4.8mm

PHYSICAL
SAMPLE DEPTH

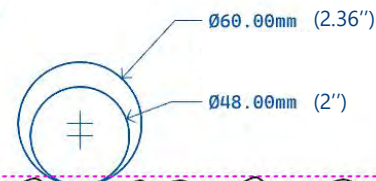
The section below cutting through the ocean paving illustrates the difference between wheelchairs and skateboards moving across the plaza.

The troughs of the rippling surface are small enough to entrap the wheels of a skateboard, disrupting movement due to the wheel falling into the trough.

Conversely a 12-inch wheel of a wheelchair is large enough to bridge these troughs without getting caught, providing little or no resistance or discomfort.

Empirical testing confirms these observations.

SKATEBOARD WHEEL RANGE



PLAZA OCEAN RIPLE SURFACE

WHEELCHAIR / SKATEBOARD TEST



The plaza paving provides a safe walking surface as well as a reasonable skateboard deterrent.

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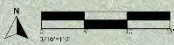




C ST NW

FIRST ST NW

LOUISIANA AVE NW



ILLUSTRATIVE PLANTING PLAN



Overcup Oak



Halka Honeylocust
'Christie'



American Elm
'Valley Forge'



Black Gum



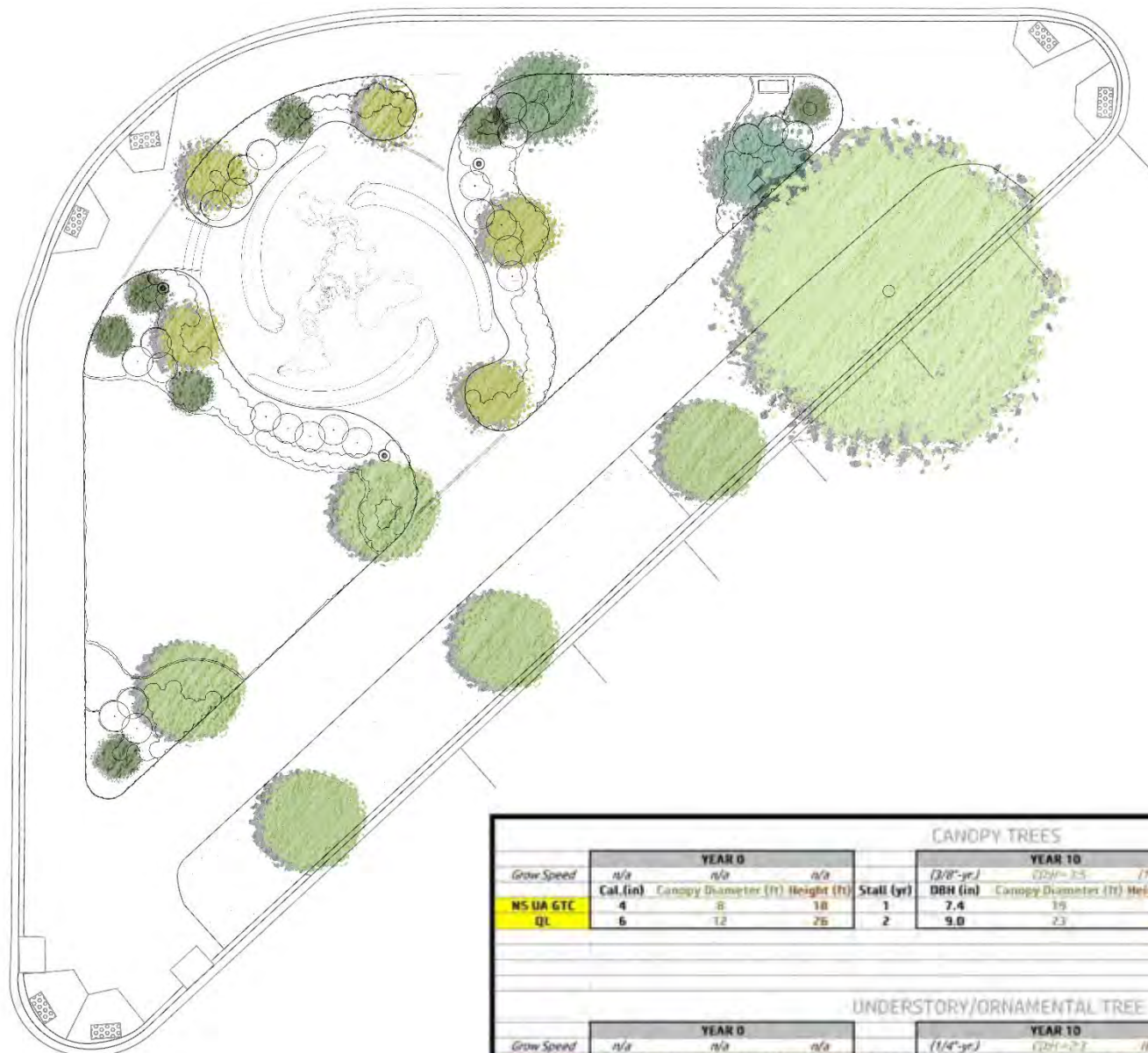
Eastern Redbud



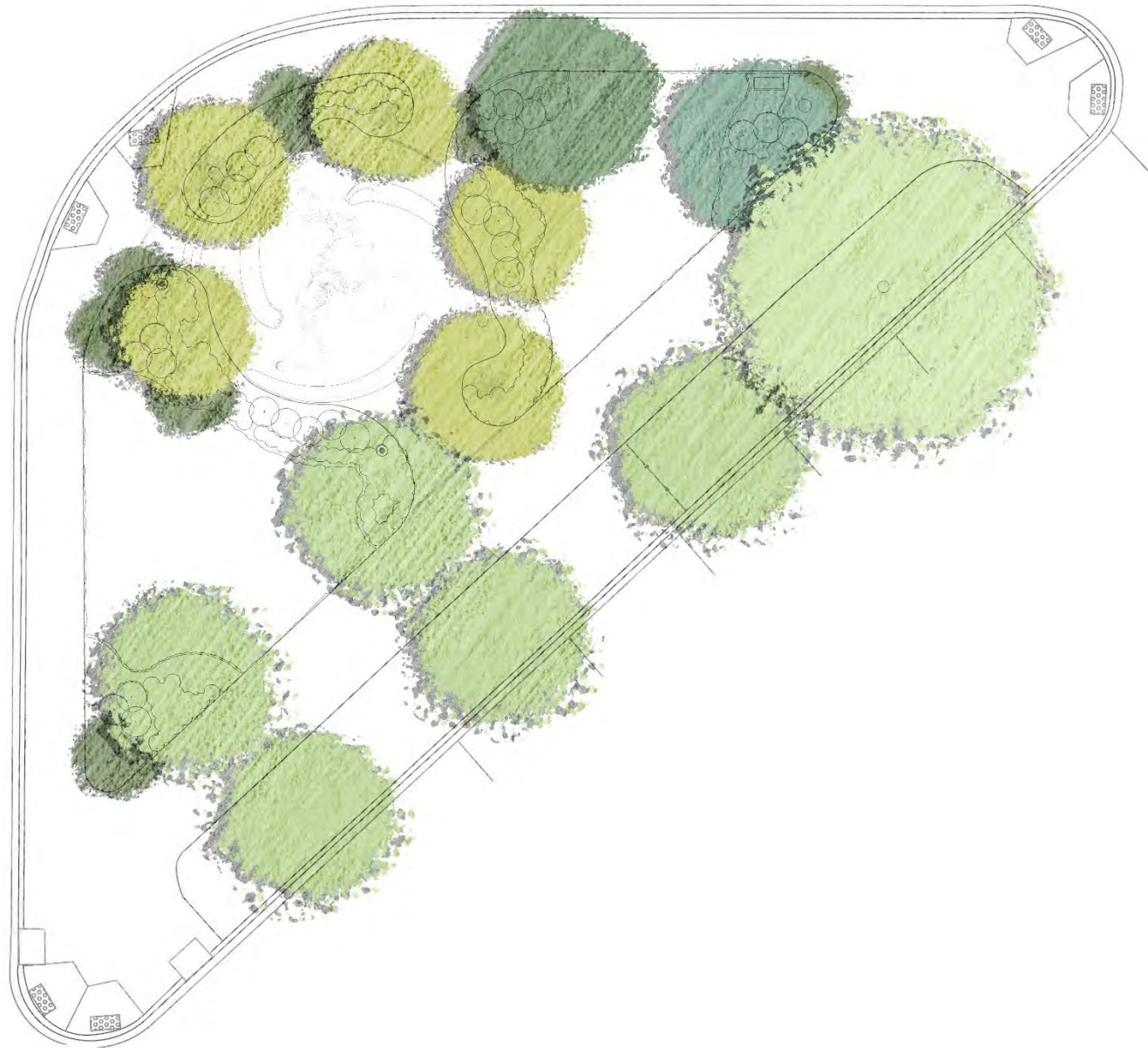
CANOPY TREES

UNDERSTORY

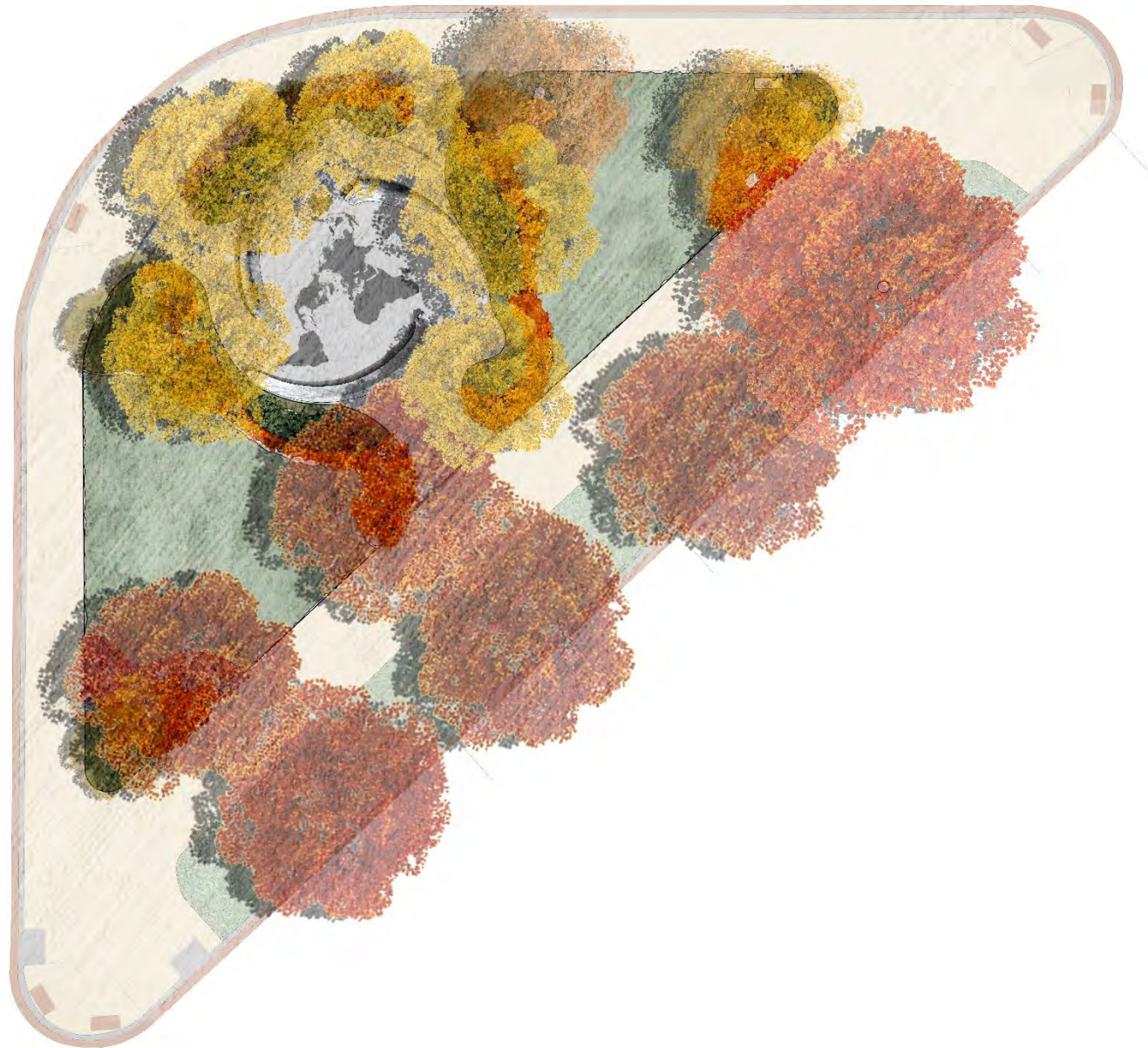
CANOPY SEASONALITY - SUMMER



CANOPY TREES											
Grow Speed	YEAR 0			Stall (yr)	YEAR 10			Stall (yr)	YEAR 25		
	Cal. (in)	Canopy Diameter (ft)	Height (ft)		DBH (in)	Canopy Diameter (ft)	Height (ft)		DBH (in)	Canopy Diameter (ft)	Height (ft)
NS UA GTC	4	8	18	1	7.4	19	32		13.0	27	54
QL	6	12	26	2	9.0	23	38		14.6	30	61
UNDERSTORY/ORNAMENTAL TREE											
Grow Speed	YEAR 0			Stall (yr)	YEAR 10			Stall (yr)	YEAR 25		
	Cal. (in)	Canopy Diameter (ft)	Height (ft)		DBH (in)	Canopy Diameter (ft)	Height (ft)		DBH (in)	Canopy Diameter (ft)	Height (ft)
CC	2.5	5	12	n/a	5.0	11.22	17		8.8	14	22









'Vanilla Spice' Summersweet
Clethra alnifolia 'Caleb'



'Henry Garnet' Dwarf Virginia Sweetspire
Itea virginiana 'Henry Garnet'



'Otto Luyken Cherry Laurel
Prunus laurocerasus 'Otto Luyken'



Gro-Low Sumac
Rhus aromatica 'Gro-Low'



Blue Zinger Sedge
Carex flacca 'Blue Zinger'



Blue Eyed Grass
Sisyrinchium nashii 'Suwannee'



Siberian Squill
Scilla siberica



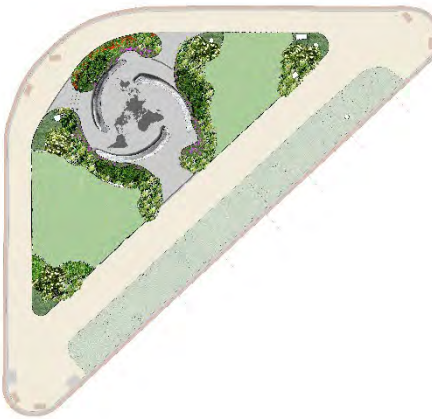
Snowdrops
Galanthus elwesii

SPRING

SUMMER

FALL

WINTER



Siberian Squill



Blue Eyed Grass



'Henry Garnet' Dwarf Virginia Sweetspire



Snowdrops



'Otto Luyken' Cherry Laurel



'Henry Garnet' Dwarf Virginia Sweetspire



'Vanilla Spice' Summersweet



'Otto Luyken' Cherry Laurel



'Vanilla Spice' Summersweet

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NAME	SHIFT	REVISION	DATE
		DESIGN DEVELOPMENT	11/24/20
		DESIGN DEVELOPMENT	02/24/21



MOA REQ. 5754
DRAWN BY: JJ
CHECKED BY: JTS
DATE: 08/08/2008
SAFETY TITLE:

SP-101-

[illegible]

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KX1A
Ø 6" Pole mounted
spotlight



KX2
Ø 7.9" Ground
mounted tree upright



WEEK	SHEET	REVISION	DATE	BY
		UPON DEVELOPMENT	1 AUG 2014	

SCA2

$$3/16^{\circ} = 110^{\circ}$$

DOI: 10.1002/anie

DIAGNOSTIC 36 / 35

CHOCOLATE 36 / 35

SHEET 11 OF 11

LIGHTING LAYOUT



LIGHTING LAYOUT

- ### LIGHTING CONTROL

1. ALL KX1 POLES WILL HAVE CASAMBI WIRELESS CONTROLS INTEGRATED TO ALLOW INDIVIDUAL DIMMING AND COLOR TEMPERATURE CONTROL OF EACH POLE HEAD.
2. LIGHT LEVELS AND COLOR TEMPERATURE FOR EACH POLE HEAD WILL BE SET BY THE LIGHTING DESIGNER WITH INPUT FROM THE ARTIST DURING THE COMMISSIONING PROCESS VIA THE CASAMBI APP.
3. A TIMECLOCK SCHEDULE WILL BE SET DURING THE COMMISSIONING PROCESS VIA THE CASAMBI APP. LIGHTS WILL BE SCHEDULED TO FADE ON ONE HOUR PRIOR TO SUNSET AND WILL BE SCHEDULED TO FADE OFF ONE HOUR AFTER SUNRISE. ADDITIONAL EVENTS CAN BE SCHEDULED TO DIM LIGHTS OVERNIGHT AS NEEDED.
4. AFTER KX1 FIXTURES ARE COMMISSIONED BY A CASAMBI TECHNICIAN, SETTINGS WILL BE LOCKED, AND CONTROL VIA THE CASAMBI APP WILL BE LOCKED OUT. ACCESS VIA THE CASAMBI APP WILL ONLY BE POSSIBLE VIA A SECURE LOGIN CREDENTIAL.
5. ALL KX2 FIXTURES WILL BE CIRCUITED TOGETHER AND CONTROLLED VIA TIMECLOCK. KX2 FIXTURES WILL TURN ON ONE HOUR BEFORE SUNSET AND WILL TURN OFF ONE HOUR AFTER SUNRISE.

DESIGN DEVELOPMENT		PARK INFORMATION		QUALITY DESIGN CERTIFICATION			
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL SYSTEM OF LANDS BUREAU OF LAND MANAGEMENT NATIONAL LAND RESOURCES PLANNING OFFICE		(PG. PROJECTS) TRD PRAC CORPS PARK RESERVATION 727 (PG. C) (PG. D) (PG. E) (PG. F) (PG. G) (PG. H) (PG. I) (PG. J) (PG. K) (PG. L) (PG. M) (PG. N) (PG. O) (PG. P) (PG. Q) (PG. R) (PG. S) (PG. T) (PG. U) (PG. V) (PG. W) (PG. X) (PG. Y) (PG. Z) (PG. AA) (PG. AB) (PG. AC) (PG. AD) (PG. AE) (PG. AF) (PG. AG) (PG. AH) (PG. AI) (PG. AJ) (PG. AK) (PG. AL) (PG. AM) (PG. AN) (PG. AO) (PG. AP) (PG. AQ) (PG. AR) (PG. AS) (PG. AT) (PG. AU) (PG. AV) (PG. AW) (PG. AX) (PG. AY) (PG. AZ) (PG. BA) (PG. BB) (PG. BC) (PG. BD) (PG. BE) (PG. BF) (PG. BG) (PG. BH) (PG. BI) (PG. BJ) (PG. BK) (PG. BL) (PG. BM) (PG. BN) (PG. BO) (PG. BP) (PG. BQ) (PG. BR) (PG. BS) (PG. BT) (PG. BU) (PG. BV) (PG. BW) (PG. BX) (PG. BY) (PG. BZ) (PG. CA) (PG. CB) (PG. CC) (PG. CD) (PG. CE) (PG. CF) (PG. CG) (PG. CH) (PG. CI) (PG. CJ) (PG. CK) (PG. CL) (PG. CM) (PG. CN) (PG. CO) (PG. CP) (PG. 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		Project Manager _____ Date _____		SHORT PLANS:			
				SA-602			

EXISTING STREET LIGHTS

CM Kling developed a lighting concept that highlights the central space with its inscriptions, benches, map and the tree canopy.

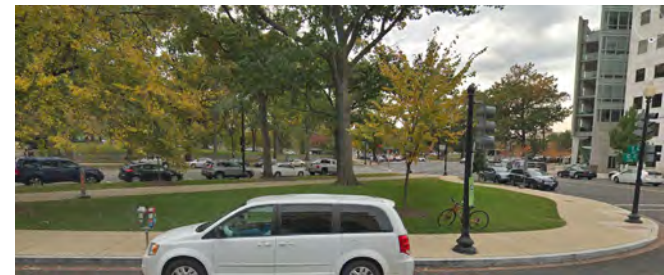
The existing context with four Washington globes fixtures creates an ambient light background for the site at night.



1ST STREET, N.W.



LOUISIANA AVENUE, N.W.



C STREET, N.W.

POLE LIGHTING AND TREE UPLIGHTS

This graphic shows the lighting proposal to create a quiet evening setting including:

- Pole Lighting
 - General Lighting
 - Accent Lighting
 - Vegetation Lighting
- Tree Uplights

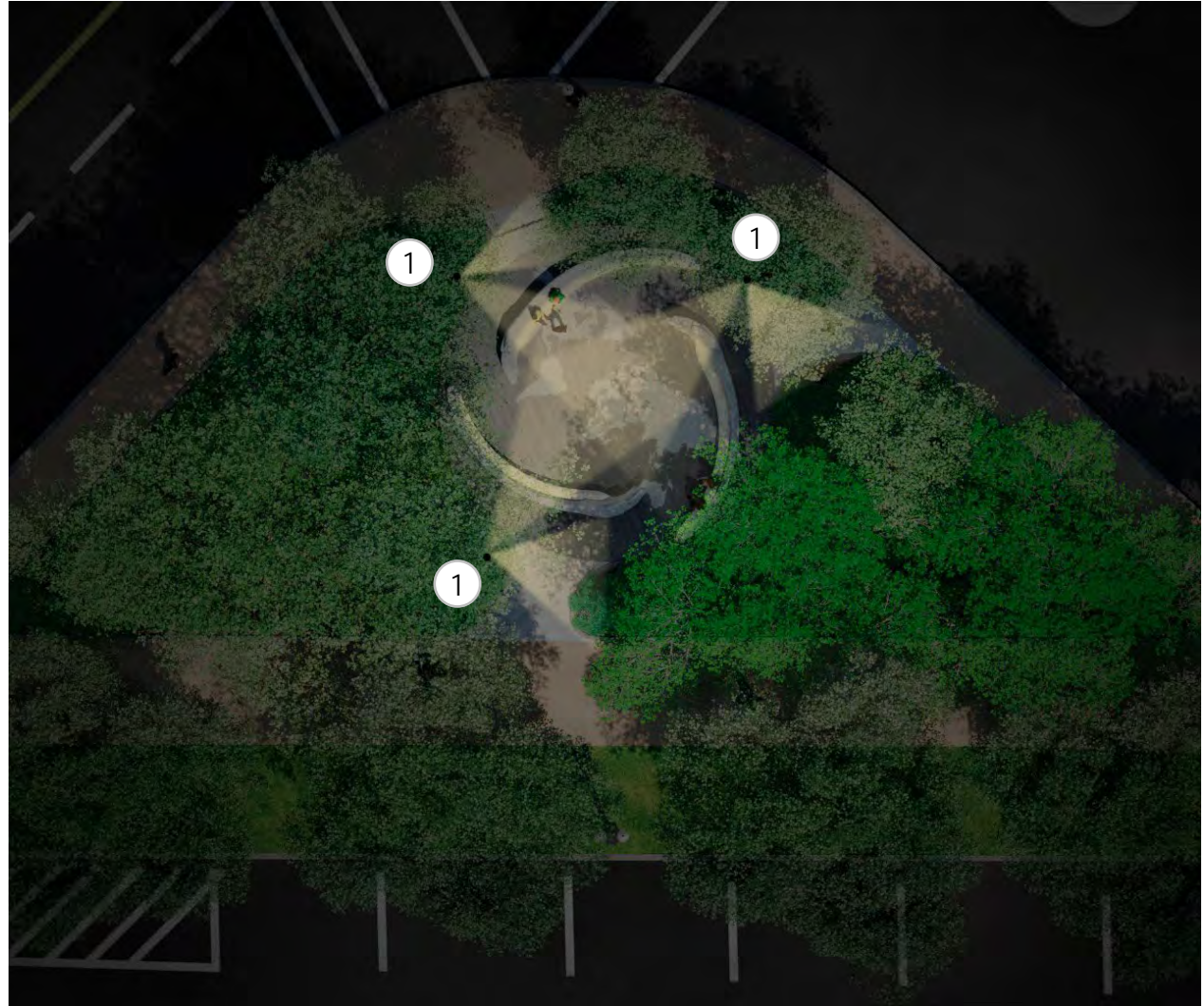
The following pages show a breakdown of these strategies.



AMBIENT AREA LIGHT

1 GENERAL LIGHTING POLES

- Use of general lighting to create ambient luminescence.
- Surrounding space, sculptural hands, and people are visible from every point of view.
- Cooler CCT on stone, paving, and sculpture to highlight materials.
- Entries illuminated as well.
- Multiple layers of light all come from single point with poles having multiple heads that have varying aiming angles, beam distributions
- Glare control devices to be added to pole heads



AMBIENT TEXT ON OUTSIDE

2 ACCENT LIGHTING POLES

- Use of accent lighting in order to focus visitor's eyes towards the message mapping along the exterior part of benches creating "focal glow" on the text area



AMBIENT TREE MOONLIGHT

3

VEGETATION LIGHTING POLES

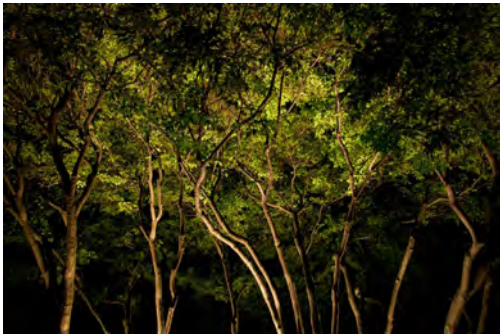
- Moonlighting, floodlights mounted on poles between vegetation to get shadow play

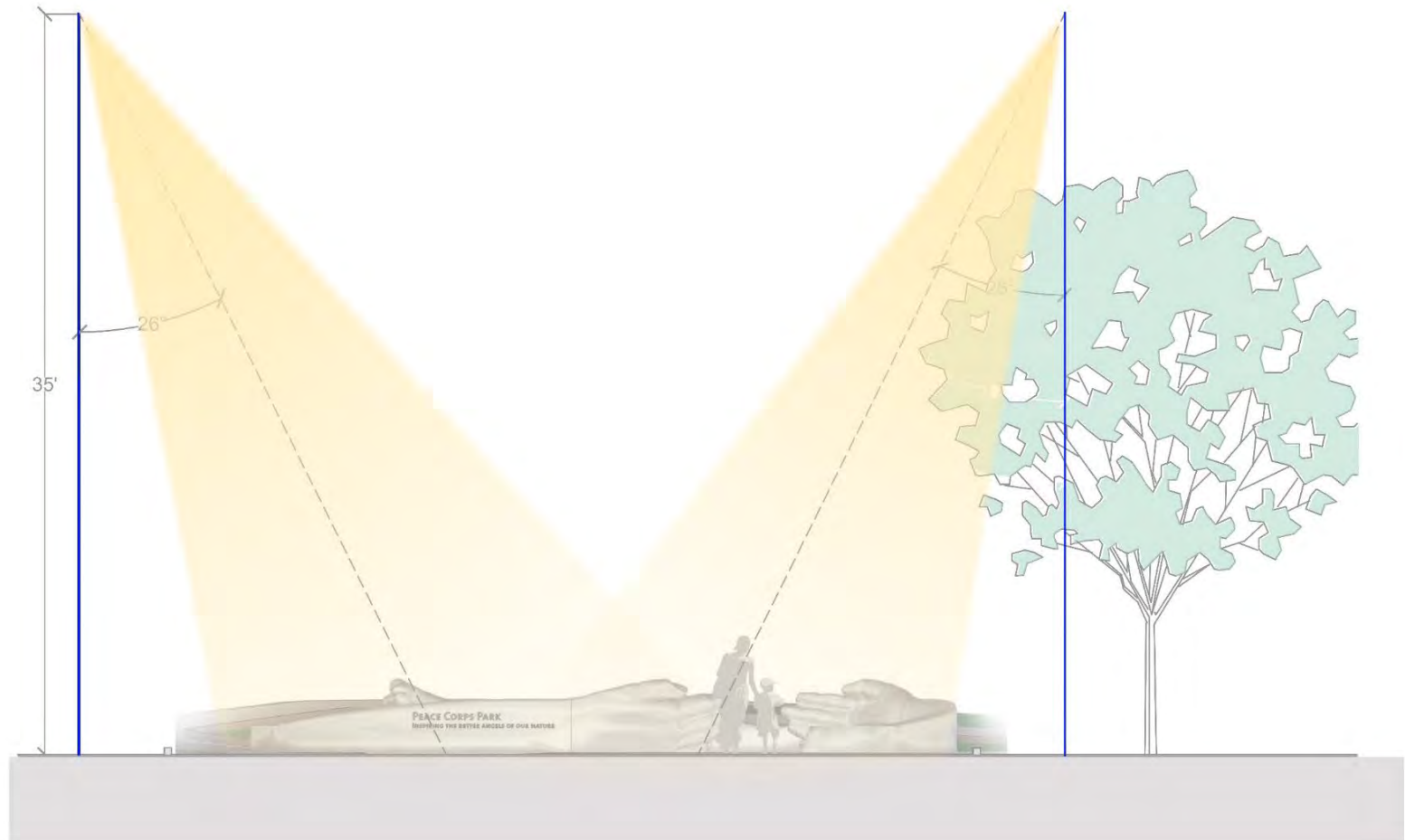


ACCENT TREE UPLIGHTS

4 TREE UPLIGHTS

- Tree uplights mounted on the ground will complement the general illumination by lighting the underside of the tree canopy layer.
- Warmer CCT for planting and any uplighting to be set at level to be compatible for nesting birds.
- The bronze finish allows this tree uplight which has a portion above the ground, similar to a small bollard, to hide within its surrounding nature but also clear shrub height so lighting is not trapped under short planting.





Section view – general lighting poles

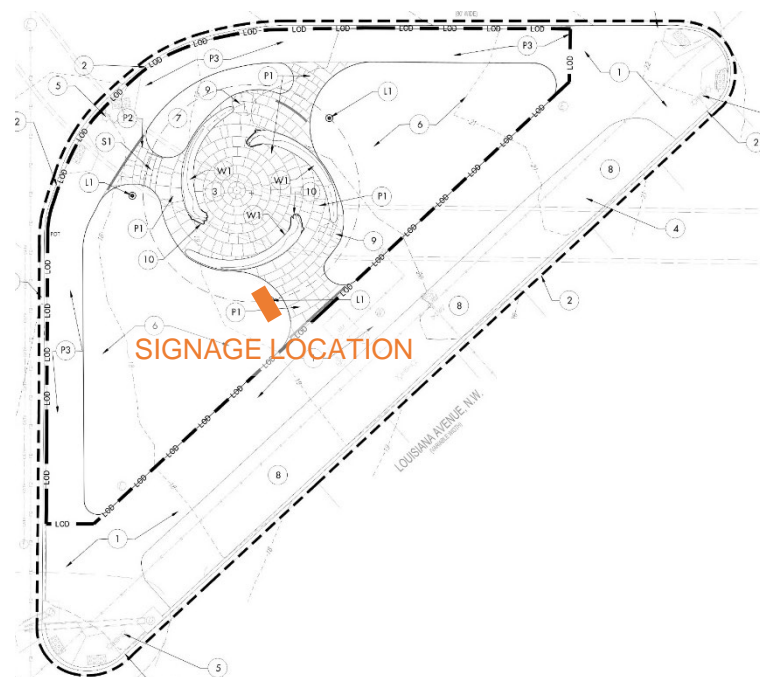
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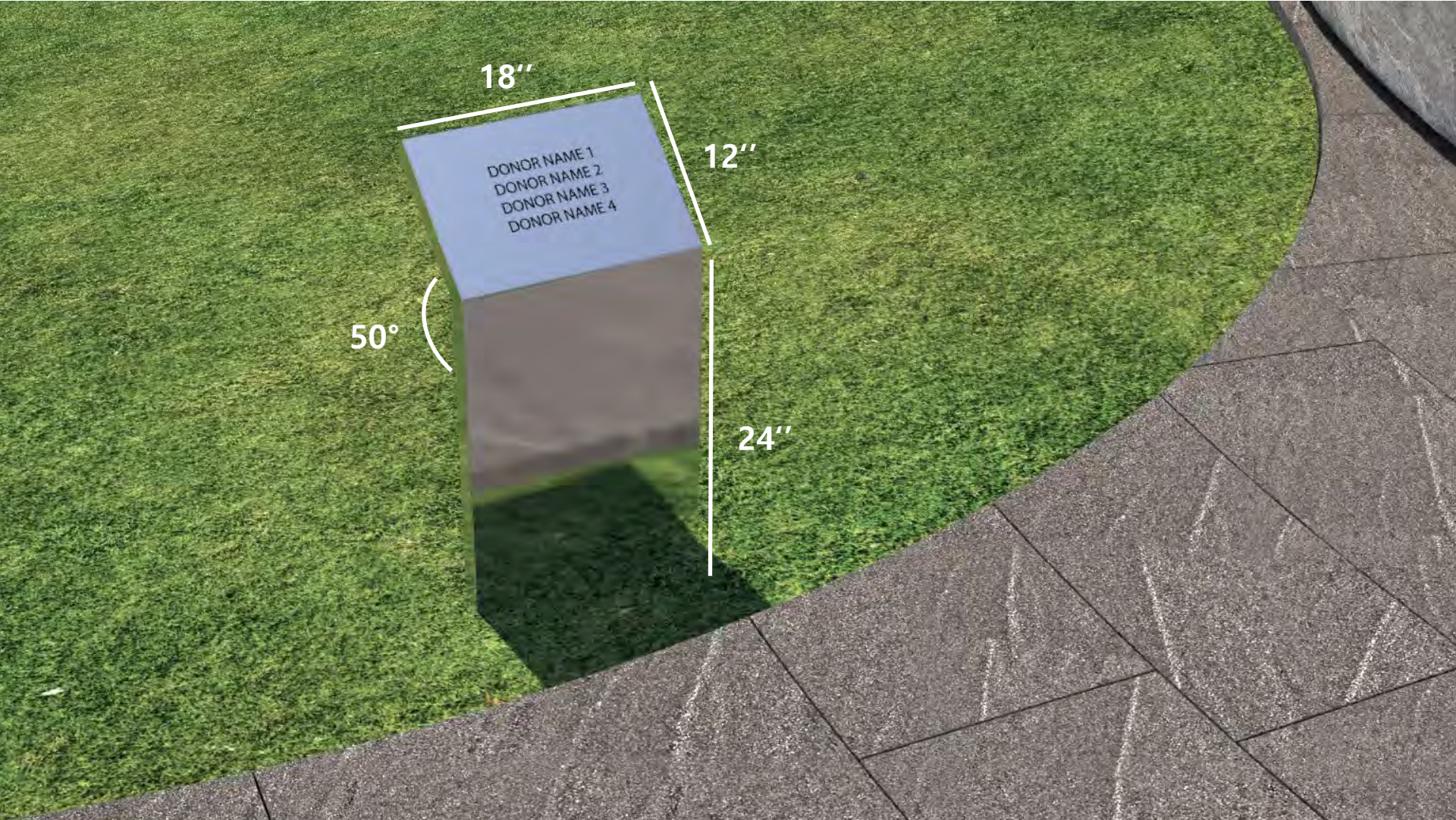
- INTRODUCTION/BACKGROUND
- HAND DESIGN EVOLUTION
- SITE UPDATE
- DETAILS
 - MATERIALS
 - INSCRIPTION
 - ACCESSIBILITY
 - SKATEBOARD DETERRENT
 - PLANTING
 - LIGHTING
 - **SIGNAGE**





Donor recognition signage at Louisiana Avenue entrance.





Signs at Louisiana Avenue entrance are made from brushed stainless steel. The donor sign will be removed after ten years.

AGENCY

National Park Service

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