



MIAMI BEACH

NEIGHBORHOOD/COMMUNITY AFFAIRS COMMITTEE MEETING

SUPPLEMENTAL MATERIAL

MAYOR'S CONFERENCE ROOM, 4TH FLOOR, CITY HALL

OCTOBER 15, 2012 3:00PM

Neighborhood/Community Affairs Committee
Commissioner Edward L. Tobin, Chairperson
Commissioner Jerry Libbin, Vice-Chairperson
Commissioner Jorge Exposito, Member
Commissioner Jonah Wolfson, Alternate

SUPPLEMENTAL MATERIAL FOR ITEM # 7

Follow-Up Regarding A Proposal To Honor The Extensive Community Legacy Of Stanley Levine With A Memorial Bench On Lincoln Road.

*Commission Item C4D, December 8, 2010
(Requested by Mayor Matti Herrera Bower)*

Max Sklar, Acting Assistant City Manager

C: Mayor and Members of the City Commission
Max Sklar, Acting Assistant City Manager
Jose Smith, City Attorney
Stephen Scott, Building Department Director
Barbara Hawayek, Customer Service Manager

Duncan Ballantyne, Assistant City Manager
Jorge Gomez, Assistant City Manager
Rafael E. Granado, City Clerk
Hernan Cardeno, Code Compliance Commander
Carla Gomez, Special Projects Administrator

I. STANLEY LEVINE'S BENCH A MUSICAL MEMORY

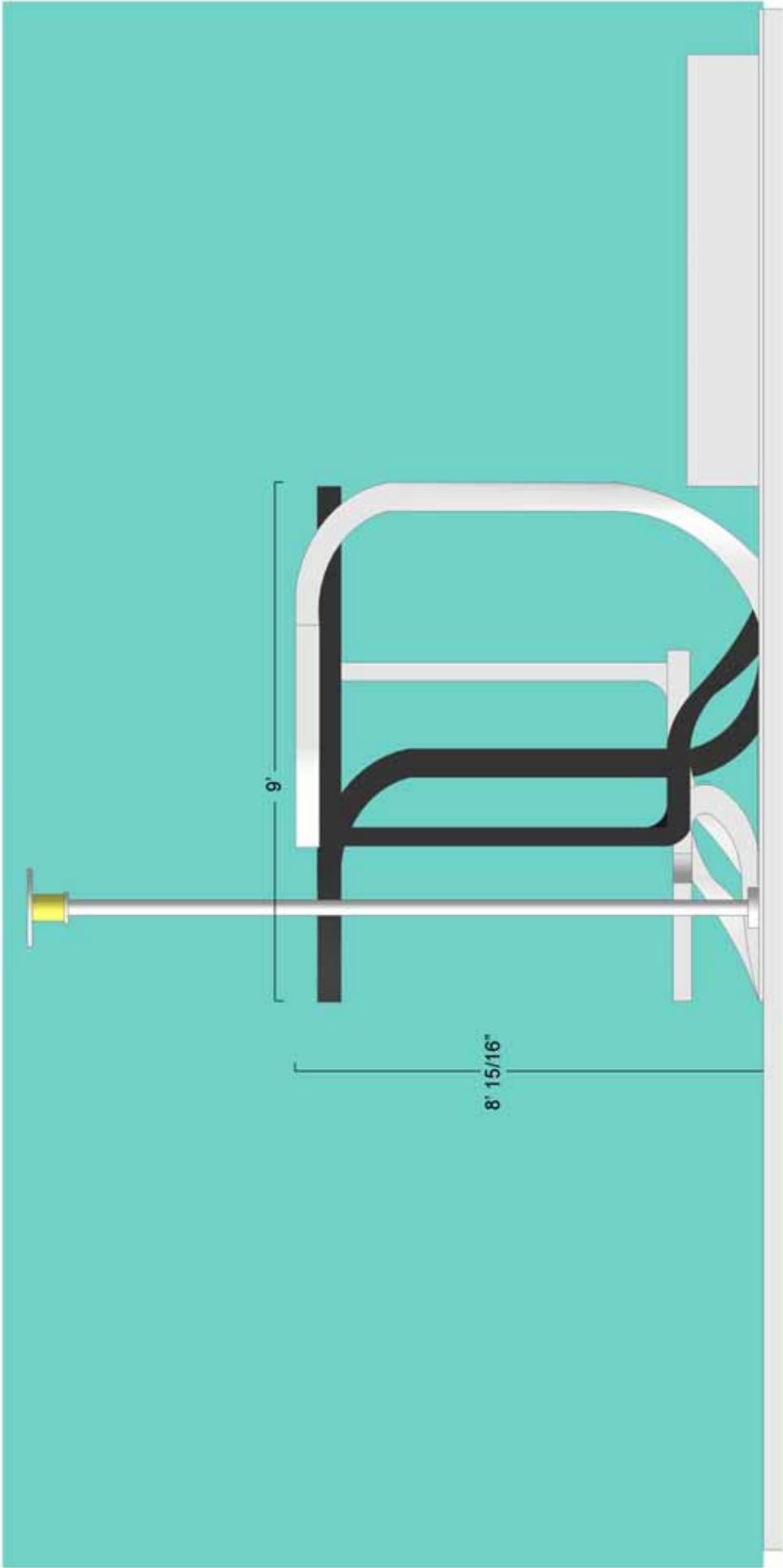
EXHIBIT 3

STATEMENT

This bench is inspired by I. Stanley Levine's commitment to the performing and visual arts which had a great influence in some of the seminal art organizations in Miami Beach; Concert Association; ArtCenter South Florida and Miami City Ballet. The site-specific project being proposed references the black and white pattern on the side walk that Morris Lapidus, the architect for Lincoln Road did when the Road was closed to vehicular traffic. The work is a surrealist interpretation of the black and white pattern becoming the ebony and ivory keys of a piano and homage to Mr. Levine's love and support of music and art. It is as if the spirit of music has escaped from the sidewalk itself. The open design enables users to select their orientations and perspectives. This design enables the bench environment to host group conversations and/or individual respite. Levine helped keep a pedestrian promenade which encouraged social interaction, movement and the music of everyday street life, art and culture. This bench seeks to create a microcosm of that gift to the city of Miami Beach.

Conceptual & Artistic aspect

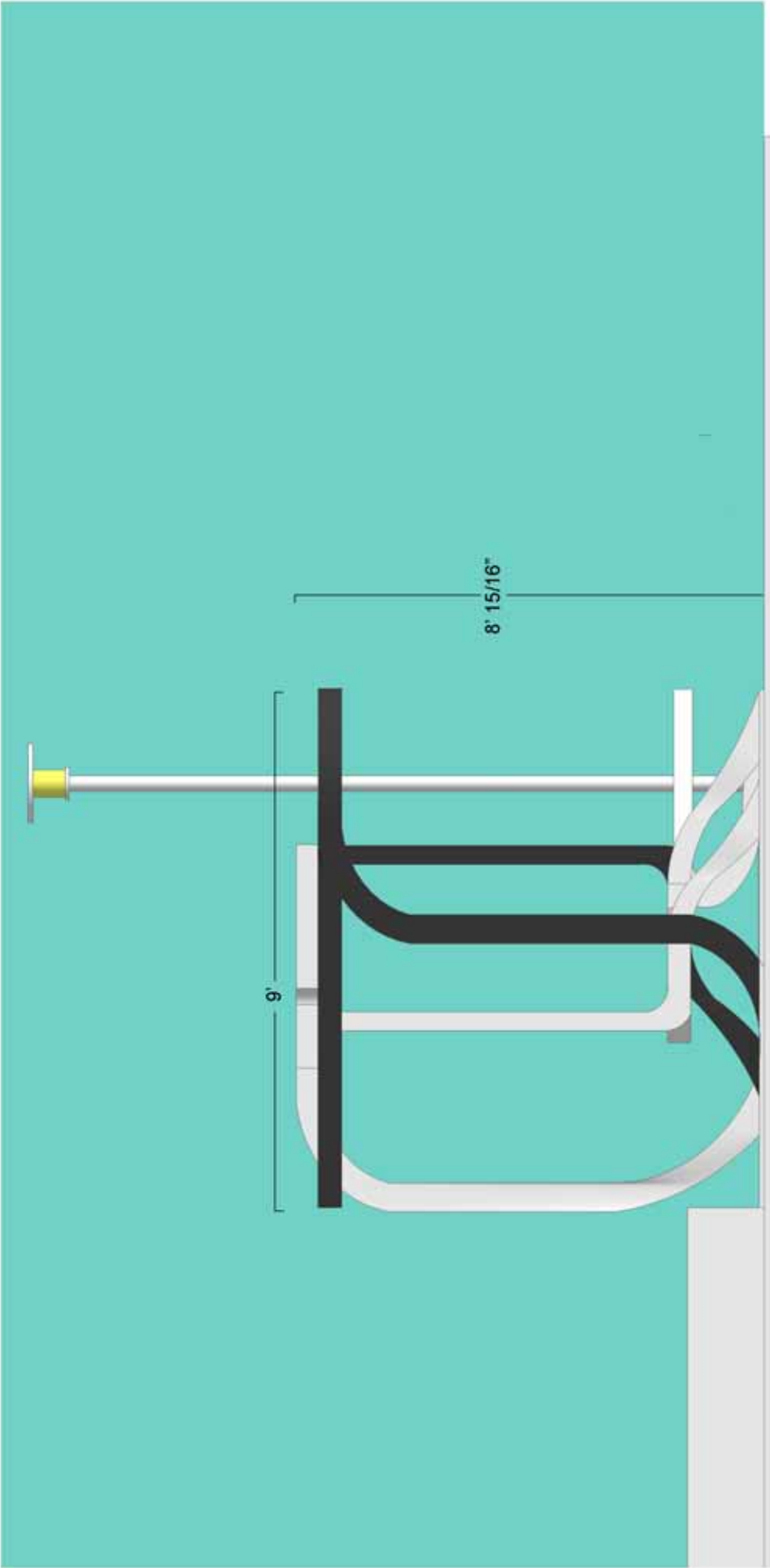
Agustina Woodgate



Scale 1/2" = 1'-0"

East Elevation

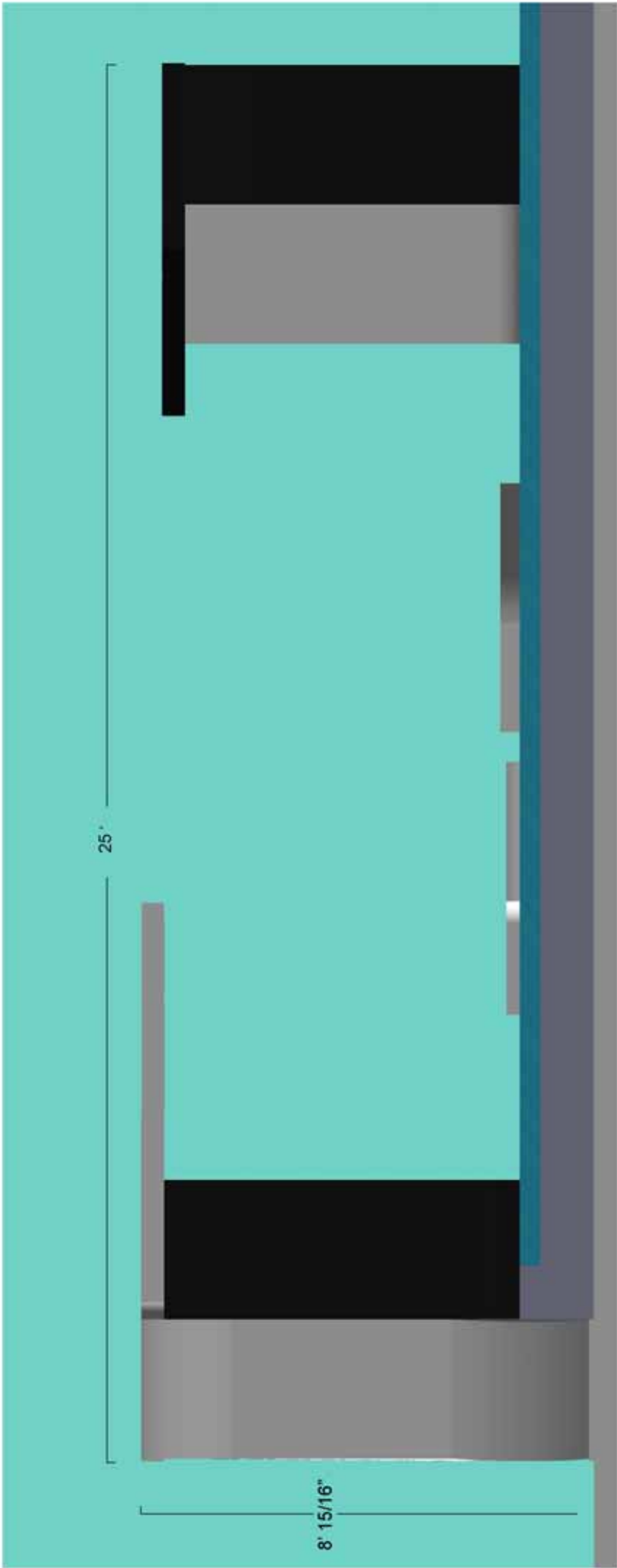
Agustina Woodgate



Scale 1/2" = 1'-0"

West Elevation

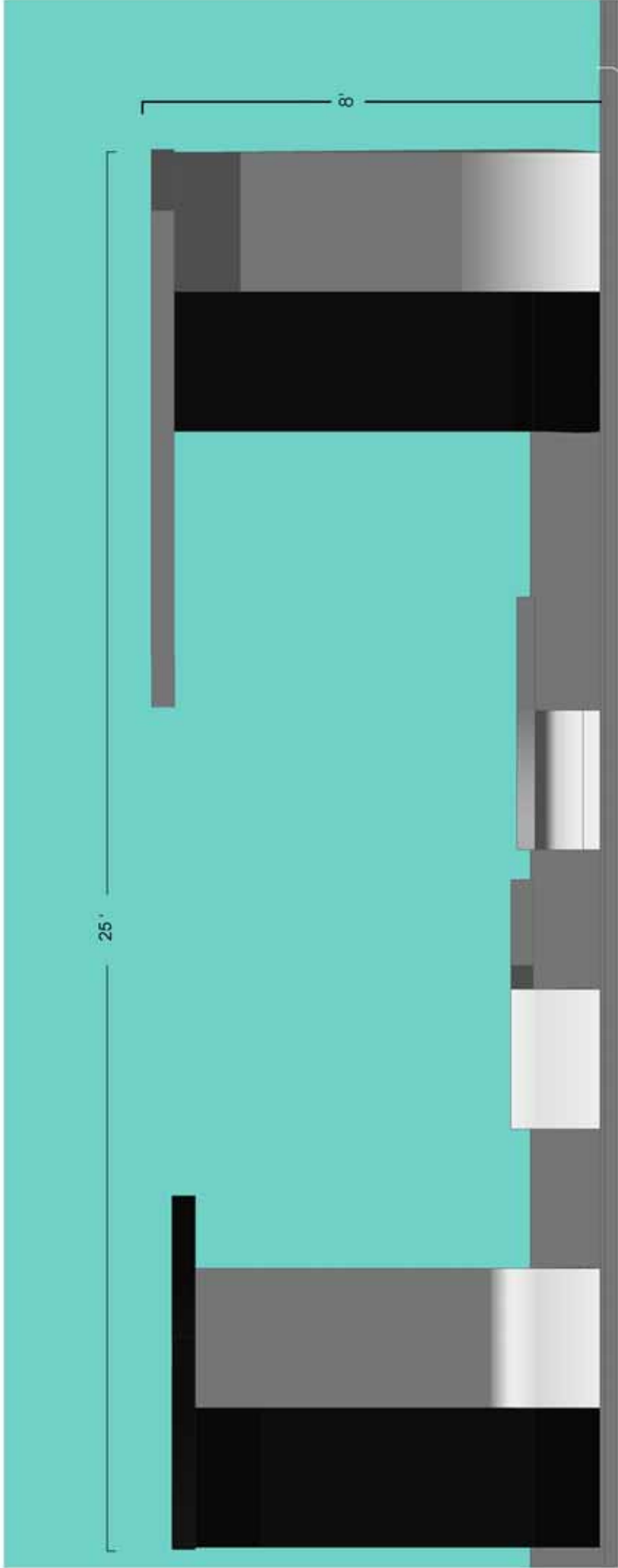
Agustina Woodgate



Scale 1/2" = 1'-0"

North Elevation

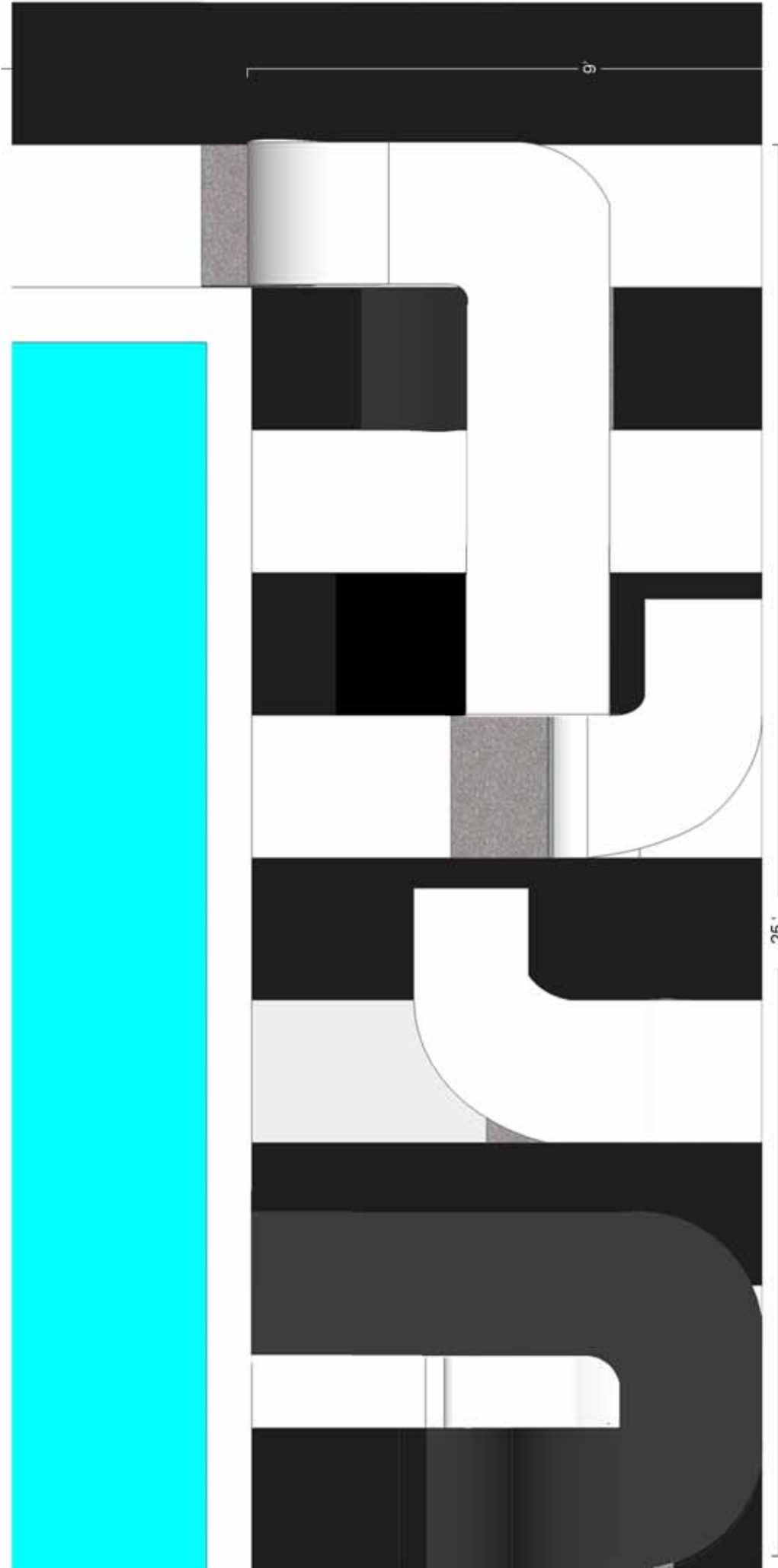
Agustina Woodgate



Scale 1/2" = 1'-0"

South Elevation

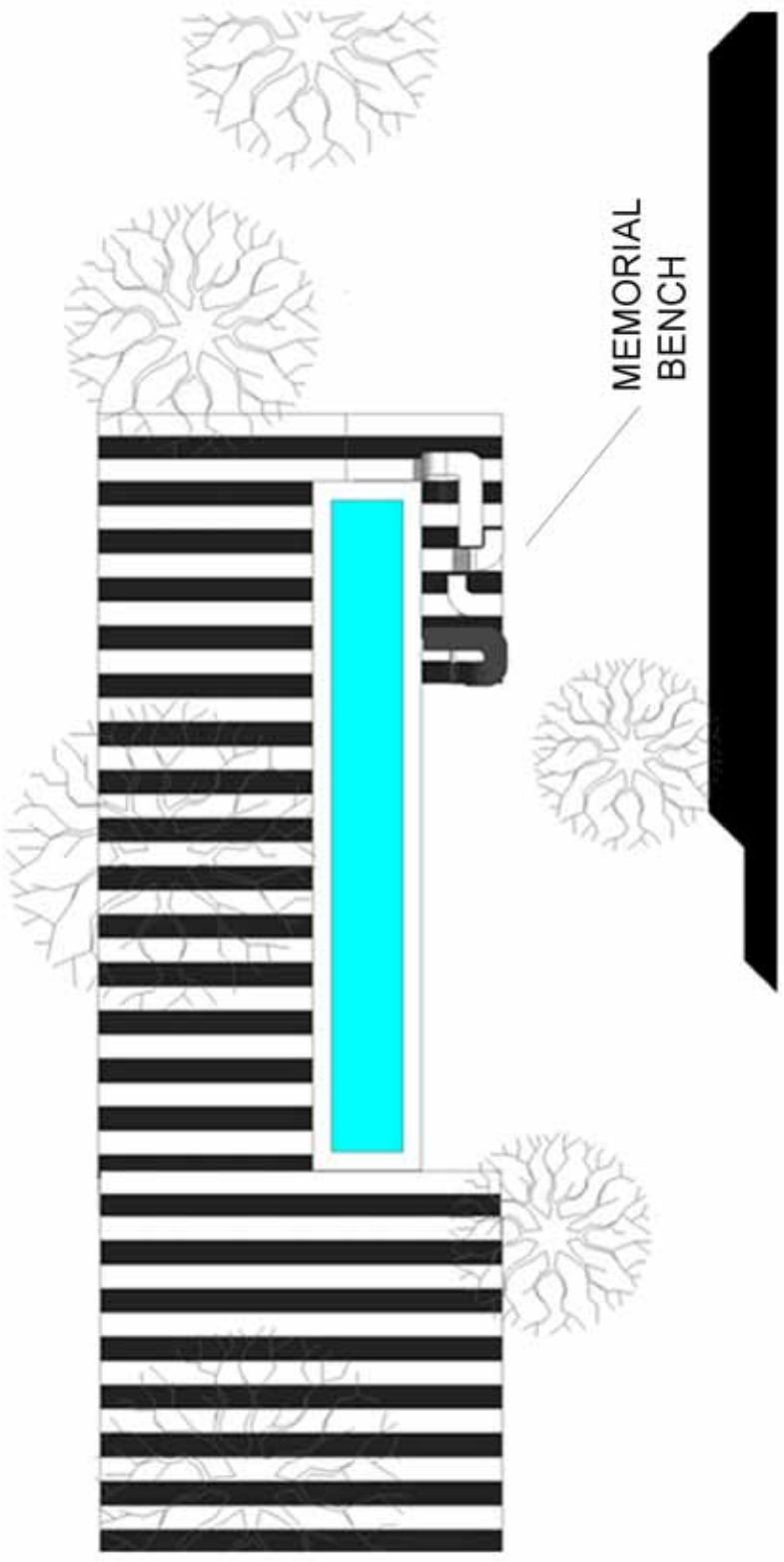
Agustina Woodgate

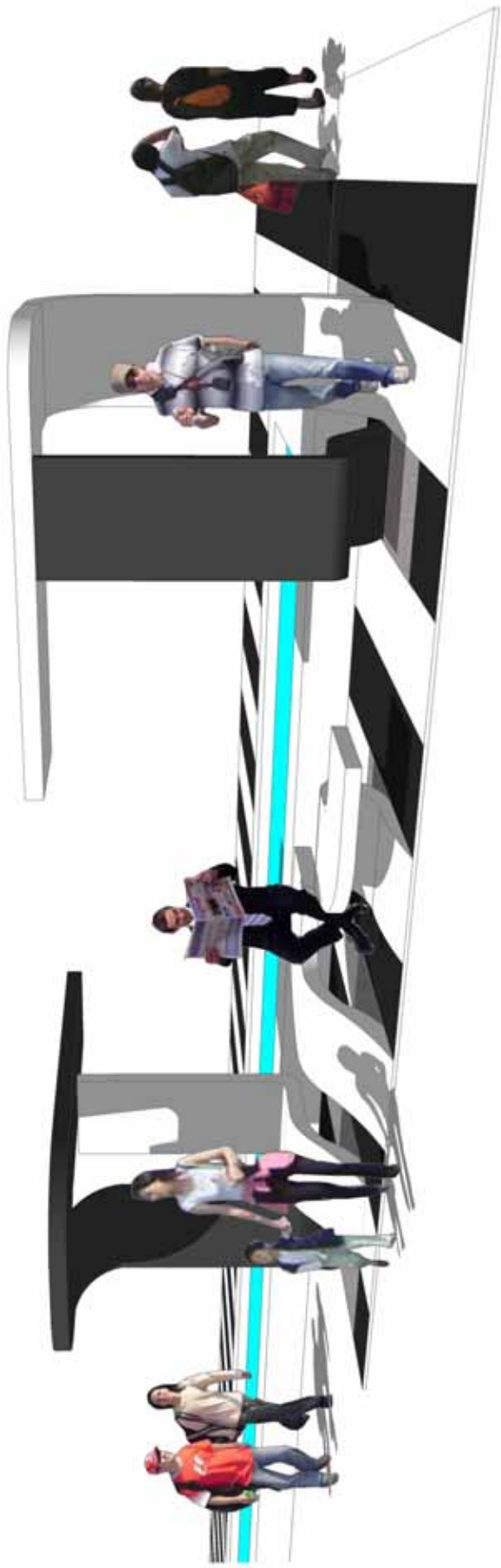


Scale 1/2" = 1'-0"

Top View Elevation

Agustina Woodgate





Perspective

Agustina Woodgate



Photomontage

Agustina Woodgate

MANUFACTURER'S SPECIFICATIONS

The Bench will be fabricated with a Core FRP (Fiber Reinforced Plastic) Fiberglass is extremely strong, and doesn't rust (iron oxide), corrode, or rot. Fiberglass provides structural strength. FRP structures will be made stiffer with sandwich panels, where the FRP encloses a lightweight core such as balsa or foam.

The finishing of it will be a Concrete Facia giving it the Art Deco look of the surrounding areas.

Suitability of FRP for Uses in Structural Engineering

The strength properties of FRPs collectively make up one of the primary reasons for which civil engineers select them in the design of structures. A material's strength is governed by its ability to sustain a load without excessive deformation or failure. Among FRP's high strength properties, the most relevant features include excellent durability and corrosion resistance. Other features include ease of installation, versatility, anti-seismic behaviour, electromagnetic neutrality, excellent fatigue behaviour, and fire resistance.

Examples of Public projects created with the same material.



Materials to be used

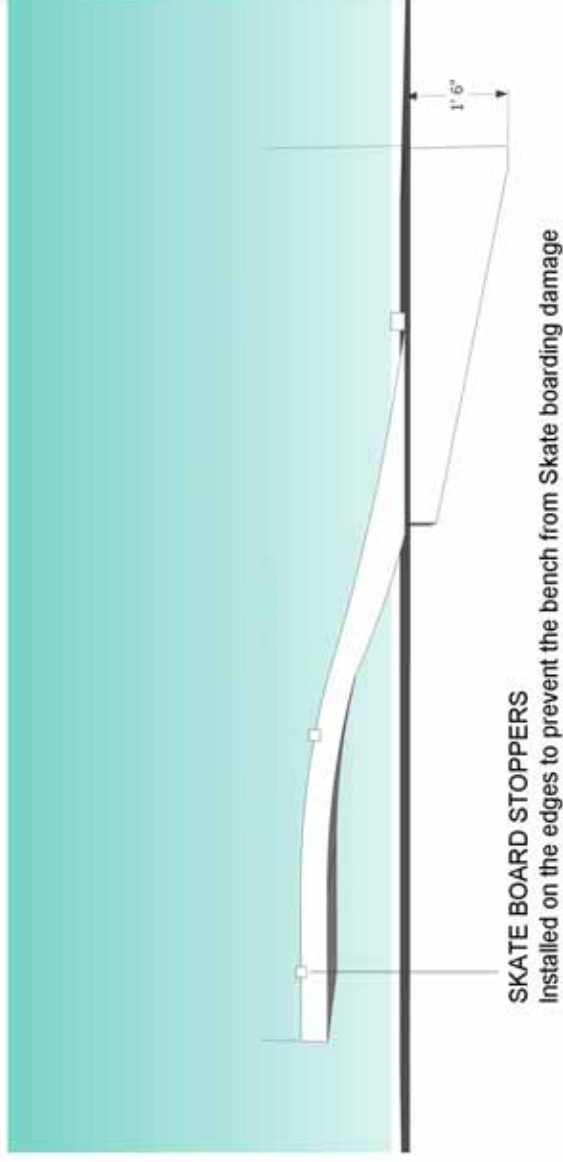
Agustina Woodgate

MAINTENANCE PLAN

The bench maintenance will require a paint job every 1 or 2 years depending on its use and the weather. This should be done by a conservator hired by the Art in Public Places office and supervised by the artist, if available.

The bench will be painted with anti-graffiti paint and Skate Board stoppers will be installed along the edges of the sitting areas.

Example of a possible Skate Board stopper



I. Stanley Levine Budget Work Sheet		
Line Item	Dollar Amount	Description
Artist Fee	\$4,000	
Artist Studio Overhead	\$1,000	
Computer Modeling & Design	\$900	
Conservator	\$300	3 hours
Consultant	\$0	
Engineering	\$2,000	
Fencing	\$400	1 week
Installation	\$4,000	Excavation, Foundation and Installation
Fabrication	\$20,000	
Legal Fees	\$0	
Permit Fees	\$1,000	Building Permit + Right-of-way Permit
Photo Documentation	\$500	
Shipping	\$1,000	
Site Preparation	0	Included in the cost of installation
Travel Fabricator	0	
Insurance	\$900	
Contingency Fee	\$4,000	
TOTAL	\$40,000	

TIME LINE	
Fabrication	3 months
Installation	1 Week

CONSULTATION REPORT
LEVINE BENCH- PROPOSED PUBLIC ART PIECE

Prepared for: City of Miami Beach
Department of Art in Public Places
Tourism & Cultural Development
1755 Meridian Avenue, Suite 500, Miami Beach, FL 33139
T: 305.604.2477
F: 305.673.7772
Attn: Dennis Leyva, Art in Public Places Coordinator

Prepared By: Rosa Lowinger, Principal and Chief Conservator
Lauren Hall, Associate Conservator
Rosa Lowinger & Associates
4728 NE Miami Place
Miami, FL 33137
T: 305.573.7011
lhall@rosalowinger.com

Date of Report: December 15, 2011; Revised January 5, 2012

Project: I. Stanley Levine Bench, *A Musical Memory*
Art Project Proposed for the 900 Block of Lincoln Road
Agustina Woodgate, Artist

Subject: Review of proposed fabrication methods and materials

SUMMARY OF PRIMARY RECOMMENDATIONS:

- Ensure skateboard stoppers are secured in such a manner that they cannot be pried off easily. Identify what type of skateboard stoppers will be used and how they will be installed.
- Switch anti-graffiti coating to one that is appropriate for a gel coated surface.
- Provide information on installation methodology and materials of bench components to each other and the bench's installation to the ground itself. Include what type of bolts/ screws or other anchors will be used, at what intervals they will be installed, how each element is affixed to each other and to the ground. Provide shop drawings that illustrate the depth to which they will be installed into the pavement and information on how pavement will be drilled and/ or cored, and what methods of removal can be expected in the event that a section is damaged and requires removal for repair.
- Refine how the surface would need to be prepped for repairs.
- Ensure any and all anchors and hardware are stainless steel.

INTRODUCTION:

The following report is a review of the conservation-related concerns pertaining to the materials used in the proposed site-specific bench installation by Miami-based artist, Agustina Woodgate. The installation, designed for the 900 block of Lincoln Road, is currently in the design phase. Rosa Lowinger and Associates was retained by the City of Miami Beach Department of Art in Public Places to review the proposed methods and materials under consideration by the artist.

DESCRIPTION OF THE ARTWORK:

The artwork at this site consists of a multi-component bench in black and white that resembles a deconstructed piano keyboard. Intended to pay homage to I. Stanley Levine, a patron of Miami Beach's art and music organizations, the bench also refers stylistically to the black and white pavements created by architect Morris Lapidus for Lincoln Road. The overall dimensions of the bench are 25' width x 8' 15/16" height x 9' depth. The bench itself is fabricated entirely of closed cell fiber reinforced structural foam with a gel coat finish. It consists of two flat seating areas, one of which is attached to a ramp and three additional ramps/ curved forms that can also be used for seating. Each side of the bench is finished with two vertical elements that curve into two cantilevered overhangs that will provide shade to people below.

SITING:

The site is on Lincoln Road, a heavily pedestrian-trafficked outdoor mall with many adjacent shops and restaurants. A fountain, original to the design of the pedestrian mall, is within two feet of the bench. Pedestrians and shoppers will presumably consistently use the bench. The proposed site is located between two outdoor cafes. Several trees and multiple plantings are currently within 10' of the proposed installation but none are expected to overhang it. There is one lighting post ca. 5' from the piece. The installation is approximately ten city blocks from the Atlantic Ocean. Contact with the public will presumably be of the highest level. Street traffic (in varying volumes) is expected nearly 24 hours a day. The ramp configuration of the benches makes it a likely candidate for skateboard abuse- however the artist has indicated that skateboard stoppers will be used to prevent this.

CONSTRUCTION/INSTALLATION:

The bench will be fabricated and installed by:

Polymeric Products

1256 5th Street
West Palm Beach, FL 33409
561 471-1322 phone; 561 615-8219 fax
Attention: **Zed Bennett, President.**

According to Mr. Bennett, the bench will be fabricated out of Alcan AirX PXc Fiber Reinforced Structural Foam. The core will consist of a closed-cell fiberglass reinforced polyurethane foam core which is then encased in a 3/8" thick coating of fiberglass/vinylester resin impregnated

skins. The structure is finished using a marine grade UV resistant “gelcoat” finish. The artist proposes the use of Krylon Graffiti Barrier- a siloxane barrier coat that is reusable and does not require reapplication after each removal. In her specification drawings the artist indicates that the bench will be finished with “a concrete Facia giving it the Art Deco look of the surrounding areas.” Mr. Bennett has clarified that the surface is a gel coat finished with an integral color therefore repainting is not a maintenance option.

Materials:

- Structural Foam: **AireX® PXC Fiber Reinforced Structural Foam**
Alcan Baltek Corporation
108 Fairway Court
Northvale, N.J. 07647
1-201-767-1400
www.alcanbaltek.com
- Resin: **Hydrex® 100 33350 SERIES 100% Vinyl Ester Laminating Resin**
Reichhold Industries
Research Triangle Park
2400 Ellis Road Durham NC 27703 USA
1 919 990 7500
<http://www.reichhold.com/en/coatings.aspx>
- Gel Coat: **Polycor® Stypol® 944 Isophthalic Gel Coat**
Cook Composites and Polymers
P.O. Box 419389
Kansas City, MO 64141
816 391-6000
www.ccponline.com
- Anti-graffiti: **Prosoco SC-1 Sacrificial anti-graffiti coating**
manufactured by Prosoco Inc.
Or another appropriate coating selected by the artist

Installation materials, methods, and drawings to be provided.

FABRICATION CONCERNS AND RECOMMENDATIONS:

The artist and fabricator have clarified the fabrication concerns. We are now clear that the piece has an integral gel coat finish and not a painted or cementitious surface. The anti-graffiti coating needs to be changed to an appropriate one for gel coats. Possibilities include PROSOCO SC-1 Anti-graffiti coating or Graffiti Guard®, would be appropriate.

Still needed is information on the installation methods, materials and drawings to accompany such. In particular the City should have clear instructions on how to remove the piece or components of it if repair becomes necessary.

The fabricator has assured the City through the conservator that this piece will meet high fabrication standards because the materials are made for the boating industry. RLA is in agreement that marine-grade materials are the highest quality available. However, their durability is usually predicated on regular maintenance. Therefore the City should expect to maintain this artwork on a monthly basis. The artist concurs with this assessment.

Specifications are required on the types of skateboard stoppers that will be used, including information on the manufacturer and indicate how they will be installed so they cannot be pried off easily as is often the case.

ARTIST MAINTENANCE RECOMMENDATIONS:

The artist originally recommended repainting the bench on an annual/biennial basis. Now that the fabricator has clarified the method of construction, she has agreed that this is not the appropriate course of action. Cleaning will be done monthly. Regarding repairs, the artist sent the following information:

From: Agustina Woodgate [<mailto:agus@agustinawoodgate.com>]

Sent: Thursday, December 22, 2011 3:55 PM

To: rosa lowinger

Cc: Zed Bennett; Leyva, Dennis; tbfitc@bellsouth.net; Robert J. Levine; Sklar, Max; lhall@rosalowinger.com; rhondamitrani@gmail.com; Cary, William; Tackett, Deborah

Subject: Re: Lincoln Road BenchDear All,

After an extense [sic.] conversation with Zed yesterday I came to understand that he won't be able to provide an estimate labor for any damage that occurs to the bench. Therefore, stating that the repairs will take one day a year is not something than can be estimated. The time will depend on the damage. Zed charges \$75.00 an hour

On the other hand, I am not too familiar with the repair process, but if any repair needs to get done, then should fencing be estimated in the budget?

Warmest.

Agustina

CONSERVATOR'S MAINTENANCE RECOMMENDATIONS:

This bench is expected to require regular maintenance due to its location and white color. Barring any vandalism, it is expected to require monthly cleaning to remove dirt, gum, accretions, scuff marks, and grime. The current appearance of the nearby fountain is an indication of how quickly this area requires cleaning and repairs. Minor repairs to the gel coat cannot be predicted fully, however it is safe allow for 20 hours per year, including set up and breakdown costs for such work. Polyester resins used in gel coats are toxic and odoriferous. If the public is kept 5 feet away from the work there should be no problem with toxicity; however the City should consider the fact that the scent of the work will still be palpable at that distance and there may be members of the public who will complain about real or imagined headaches, etc if they can perceive the scent of the material.

Based on our assessment, the City should allow for the following budget for maintenance:

For year 1:

Cleaning monthly @ \$500.00 per month = \$6,000.00 annually

Annual repairs- 20 hours @ \$75.00 per hour = \$1,500.00 annually.

TOTAL COST PER YEAR = \$7,500.00.

Please add 5% per year to these costs for subsequent years.

ENVIRONMENTAL:

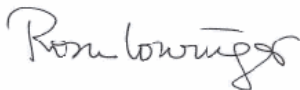
There are several environmental concerns regarding the siting of the piece. Salt air and UV light (direct sunlight) will affect the piece but this will likely be mitigated by regular maintenance. The anchoring system, which needs to be provided, should meet appropriate hurricane safety requirements. Pigeons and birds are likely to roost on the top flat portions of the piece and guano may affect the surface finish.

PUBLIC USE

There are numerous concerns about public use. Most significant among these is the high use that the bench will receive. It will require monthly maintenance to keep clean. Properly anchored skateboard stoppers are a must.

PUBLIC ABUSE

Public abuse may include incised graffiti, chipping, scratches/abrasions, dirt, and skateboard marks if the stoppers are not anchored in a manner that prevents them from being pried off- a common problem with ramp-like structures in public art.



Rosa Lowinger revised, January 5, 2012