



*December 20, 2017*

Kristen Zaremba  
Cultural Affairs Division, Economic and Workplace Development  
City of Oakland  
1 Frank Ogawa Plaza, 9<sup>th</sup> Floor  
Oakland, CA 94612

RE: Supplemental Packet Checklist – Public Art for Private Development

Dear Ms. Zaremba,

In preparation for the Public Art Advisory Committee (PAAC) Meeting on January 8, 2018 please find an introduction to a proposed public art project and the Supplemental Packet of Checklist Items attached as required and in compliance with City Ordinance No. 13443 O.M.S. Public Art Requirements for Private Development.

The Madison Street I-880 underpass adjacent to Carmel Partners' Jack London 4<sup>th</sup> & Madison project is a primary means of connection between the Jack London district and Chinatown, Lake Merritt, and the Lake Merritt BART Station. Throughout the day and night, residents and employees of the Jack London district walk and bike through this tunnel to get into and out of the district. During the approvals process for the project, a number of community members, neighbors, members of the Planning Commission, and elected representatives all encouraged Carmel Partners to find a way to enhance the adjacent underpass. What was described as a "tunnel of yuck" by Mayor Libby Schaaf provides a unique opportunity to use public art to create broad community benefit by humanizing the space. Carmel Partners has embraced this opportunity to make it's project's public art contribution have a broader community impact that just enhancing its own property, and seeks to take advantage of the new provision of the City's art ordinance to allow the art to transform the daily experience of the broader Jack London, Chinatown, and Oakland community.

I have attached the following information and documents for your review:

- Checklist Item #1 – Project Address and Applicant Details
- Checklist Item #2 – Updated Construction Valuation and Art Allocation
- Checklist Item #3 – Preliminary Art Budget, Phase I
- Checklist Item #4 – Value of Artwork

- Checklist Item #5 – Artist Resume
- Checklist Item #6 – Artist Contract Design Development
- Checklist Item #7 – Visual Proposal
- Checklist Item #8 – Project Site Plan etc.
- Checklist Item #9 – Artist Statement, Description of Proposed Artwork
- Checklist Item #10 – Materials and Methods
- Checklist Item #11 – Maintenance Plan
- Checklist Item #12 – Planning and Building Documentation
- Checklist Item #13 – Community Outreach
- Checklist Item #14 – Timeline

Required documents pertaining to projects proposed for right of way will be submitted

Please contact me with any questions and thank you for your assistance.

Sincerely,

**Checklist #1: Project Address and Carmel Partners Details**

*Project Name:* JLS 4<sup>th</sup> and Madison

*Project Address:* 150 and 155 4<sup>th</sup> street.

*Art Project Address:* 500 block of Madison Street (between 5<sup>th</sup> and 6<sup>th</sup>, beneath I-880)

*Project Carmel Partners:* CP V JLS, LLC

**Checklist #2: Updated Construction Evaluation and Art Allocation**

*Updated Construction Evaluation:*

- Building A: \$49,765,812
- Building B: \$23,743,966

*Art Allocation:*

- 0.5%: \$367,549

*See Attachment A (Project Worksheets for verification of above figures)*

**Checklist #3: Itemized Art Budget Including Consultant Fees**

<b>Preliminary Public Art Budget</b>	
Consultant Fees	\$67,885 (CD+A, Helene Fried Associates)
Public Art Selection Process (Artist Finalist Honoraria)	\$10,000 (5-Artist Finalists honoraria \$2,000.each)
Artist Fee for design, fabrication, and installation	Total Fee \$290,000

A more detailed breakdown of the design, fabrication, and installation budget, including administrative and municipal fees will be provide at second PAAC Meeting

**Checklist #4: Value of Artwork (sited per Public Art Ordinance)**

*Artist fee and artwork value:* \$290,000.

**Checklist #5: Artist Resumes**

Future Cities Lab is an Experimental Art and Design Studio operating globally.

Since 2005, founders Jason Kelly Johnson and Nataly Gattegno have collaborated on a range of cutting-edge projects exploring the intersections of art and design with public space, performance, advanced fabrication technologies, robotics, and responsive building systems. Future Cities Lab is an award-winning interdisciplinary studio employing an adventurous team of interaction designers, architects, technologists, lighting designers, digital craftspeople, urban ecologists and more.

*See Attachment B for the artists' resume*

**Checklist #6: Artist Contract**

For the mobilization and concept development phase of the art project Carmel Partners is taking Future Cities Lab under contract through Carmel's current contract for consulting services on this project with Community Design + Architecture (CD+A). The drafting of a subconsultant agreement with the Artist is expected to be finalized in the coming weeks.

When the proposed art project moves into the final design, fabrication, and installation phases, Carmel Partners is committed to entering into a direct contract with Future Cities Lab.

**Checklist #7: Visual Proposal**

*See Attachment C*

**Checklist #8: Proposed Site Plan, Site Photos, and Project Mock-Up**

*See Attachment D*

**Checklist #9: Artist Statement and Description of Proposed Artwork**

*Artist Statement:* "Light Cloud animates the underpass with variable intensities of illumination and creates a meditative, interactive and playful experience for pedestrians. We believe that a walk through an underpass could be as extraordinary as visiting a botanical garden, art museum, or cathedral. The installations translate

sounds from the highway underpass into unique formations of dynamic patterned light. Slowly changing ambient effects are triggered by the sound of passing people, cyclists and cars from the two neighborhoods and I-880 above. The artwork serves as catalyst for neighborhood interaction across the I-880 divide. It is a first step towards weaving the neighborhood together. Similar to the dancing motion of a Chinese celebration dragon, waves of light oscillate through Light Cloud. The quality and placement of lighting elements will also enhance safety and comfort. Ambient light levels can also be increased during the evening and will enhance the overall ambiance of the area to ensure visibility and safety of pedestrians by motorists.”

*Also see Attachment E*

*Roles and Responsibilities:* Future Cities Lab (Artist) will be responsible for all work on the conceptual and final design of the artwork. Future Cities Lab will be responsible for all or a portion of the fabrication of the proposed artwork. Detail with regard to the engagement of supporting fabricators and descriptions of their roles will be provided at the second PAAC meeting after further development of the concept with input from PAAC, City, and Caltrans staff has taken place. Future Cities Lab has working relationships and experience with several Oakland-based fabricators who will be considered for this art project.

### ***Checklist #10: Materials and Methods Plan***

Attachment E provides an overview of the artist’s preliminary selection of materials and assembly for this art project.

*See Attachment F*

NOTE: Additional information will be provided at the second PAAC meeting

### ***Checklist #11: Maintenance Plan***

Carmel Partners will be responsible for on-going operation and maintenance associated with the proposed art. Carmel Partners will endeavor to sub-meter electricity use and pay the on-going electricity bill, and determine a regular routine inspection, cleaning, and maintenance regimen. Carmel Partners is committed to work with the City of Oakland and Caltrans to coordinate a timely response by Carmel Partners to any reports or calls received by the City about operation or maintenance issues associated with the proposed art project.

*Also see Attachment G*

NOTE: Additional information will be provided at the second PAAC meeting

**Checklist #12: Planning and Building Documentation Requirements**

NOTE: Information will be provided at the second PAAC meeting

**Checklist #13: Community Outreach Documentation**

Carmel Partners intends to invite neighbors, business owners, and artists to a Community Meeting tentatively scheduled for January 18, 2017. As a sponsor of significant Oakland projects Carmel has first-hand knowledge of community outreach in the Jack London Square and Chinatown neighborhoods and enjoys broad community support. In addition to immediate neighbors, Carmel Partners will invite the staff and board of the Jack London Business Improvement District, the Jack London district arts advisory committee, the Chinatown Chamber staff and board, and the Home Owners Association or equivalent of major surrounding properties including the Sierra, the Allegro, and others.

**Checklist #14: Timeline**

Following is a preliminary timeline for the art project.

<b>TASKS</b>	<b>DATES</b>
RFP Release to Selected Artists	August 17, 2017
Q+A Period and Site Visits	September-October 5, 2017
Proposal Deadline	September 29, 2017
Artist Finalists/Carmel Conference Calls re: RFP Response	October 11-13, 2017
Award Announced	October 17, 2017
Meeting: Carmel Team and Office of Cultural Affairs (K. Zaremba)	November 15, 2017
Meeting: Carmel Team and Caltrans (D.Eng)	November 30, 2017
Meeting: Carmel Team and City Staff (pertinent departments)	December 15, 2017
Contract Carmel and Future Cities Lab	Phase 1-Mobilization December 2017 (In process)
Public Art Advisory Committee (PAAC)	January 8, 2018
Public Community Meeting	January 18 (tentative) Location: TBD
Refined Design Concept and construction documentation, permits, fabrication and installation	January 19 – December 31, 2018
Installation complete	December 31, 2018

## **ATTACHMENT A**

### ***Checklist #2: Updated Construction Evaluation and Art Allocation***

Applications for which no permit is issued within 180 days shall expire by limitation. No refund more than 180 days after expiration or final.



# CITY OF OAKLAND

250 FRANK H. OGAWA PLAZA ▪ 2ND FLOOR ▪ OAKLAND, CA 94612

Planning and Building Department  
www.oaklandnet.com

PH: 510-238-3891  
FAX: 510-238-2263  
TDD: 510-238-3254

**Permit No:** B1604005 Non-Residential Building - New **Filed Date:** 8/23/2016  
**Job Site:** 180 4TH ST **Schedule Inspection by calling:** 510-238-3444  
**Parcel No:** 001 016100100  
**District:**  
**Project Description:** Construction of a new 238 apt for a new residential development located on the corner of 4th St and Jackson St  
**Related Permits:** GR1600105

	<u>Name</u>	<u>Applicant</u>	<u>Address</u>	<u>Phone</u>	<u>License #</u>
<b>Owner:</b>	CP V JLS LLC		1000 SANSOME ST 180 SAN FRANCISCO, CA		
<b>Owner-Agent:</b>	CP V JLS LLC	X	1000 SANSOME ST 180 SAN FRANCISCO, CA	415-231-0221	

**PERMIT DETAILS:** Building/Non-Residential/Building/New

**General Information**

Green Code Checklist: 2	Sets Of Plans: 3	Report - Soil/Geotech: 2
Surveys: 4	Structural Calculations: 2	Energy Calculations (T24): 2

**Building Information**

Building Use: Parking Garage	Number Of Stories: 7	Fire Sprinklers: Yes
Occupancy Group: S-2 Storage / Low Hazard	Number Of Units: 238	Floor Area (sq ft): 347443
Construction Type: IA - Noncombustible construction; 3 Hour Fire Rating	No. of Bedrooms: 295	Conditioned Floor Area (sq ft): 255746

**Work Information**

Job Value: \$49,765,182.00	Occupied Floor Area (Non-Res)(sq ft): 95803
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**TOTAL FEES TO BE PAID AT FILING: \$2,079,464.64**

Address Fee	\$135.00	Application Fee	\$70.00	Bedroom Tax	\$29,500.00
CBSC	\$1,791.00	CITY CBSC	\$199.00	CITY SMIP	\$696.71
Certificate of Occupancy/Permit Related	\$705.00	Construction Site Monitoring	\$400.00	General Plan Surcharge	\$213,990.28
Inspection Fee	\$287,440.25	Parking Review	\$462.00	Plan Check - Routed	\$359,293.13
Process Coordination	\$8,622.98	Records Management Fee	\$172,156.11	SMIP	\$13,237.54
School Tax	\$841,229.33	School Tax - City	\$26,017.40	Site Plan Review - Plot Plan	\$658.00
Technology Enhancement Fee	\$95,138.91	Zoning Conditions of Approval	\$17,640.00	Zoning Inspection	\$10,082.00

**APPLICANT  
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Record ID: B1604005

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Fee Calc. Factor: Job Value(Contractor)\$49,765,182.00 Fee Total \$2,079,464.64

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<input type="checkbox"/> 2175943	CBSC	\$1,791.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	CITY CBSC	\$199.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	CITY SMIP	\$696.71	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	Certificate of Occupancy/Permit Related	\$705.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	Construction Site Monitoring	\$400.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	General Plan Surcharge	\$213,990.28	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	Inspection Fee	\$287,440.25	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	Parking Review	\$462.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	Plan Check - Routed	\$359,293.13	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	Records Management Fee	\$172,156.11	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	SMIP	\$13,237.54	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	Site Plan Review - Plot Plan	\$658.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	Technology Enhancement Fee	\$95,138.91	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	Zoning Conditions of Approval	\$17,640.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	Zoning Inspection	\$10,082.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	Address Fee	\$135.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	Bedroom Tax	\$29,500.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	Process Coordination	\$8,622.98	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	School Tax	\$841,229.33	INVOICED	08/23/2016
<input type="checkbox"/> 2175943	School Tax - City	\$26,017.40	INVOICED	08/23/2016

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Applications for which no permit is issued within 180 days shall expire by limitation. No refund more than 180 days after expiration or final.



# CITY OF OAKLAND

250 FRANK H. OGAWA PLAZA ▪ 2ND FLOOR ▪ OAKLAND, CA 94612

Planning and Building Department  
www.oaklandnet.com

PH: 510-238-3891  
FAX: 510-238-2263  
TDD: 510-238-3254

**Permit No:** B1604010 Non-Residential Building - New

**Filed Date:** 8/23/2016

**Job Site:** 431 MADISON ST

**Schedule Inspection by calling:** 510-238-3444

**Parcel No:** 001 016100707

**District:**

**Project Description:** New construction for a 92 unit apartment complex, along with 2 retail spaces

**Related Permits:**

	<u>Name</u>	<u>Applicant</u>	<u>Address</u>	<u>Phone</u>	<u>License #</u>
<b>Owner:</b>	CP V JLS LLC		1000 SANSOME ST 180 SAN FRANCISCO, CA		
<b>Owner-Agent:</b>	Greg Pasquali	X	1000 Sansome St San Some, CA	415 231-0221	

**PERMIT DETAILS:** Building/Non-Residential/Building/New

**General Information**

Green Code Checklist: 2	Sets Of Plans: 3	Report - Soil/Geotech: 2
Surveys: 4	Structural Calculations: 2	Energy Calculations (T24): 2

**Building Information**

Building Use: Parking Garage	Number Of Stories: 7	Fire Sprinklers: Yes
Occupancy Group: S-2 Storage / Low Hazard	Number Of Units: 92	Floor Area (sq ft): 171879
Construction Type: IA - Noncombustible construction; 3 Hour Fire Rating	No. of Bedrooms: 168	Conditioned Floor Area (sq ft): 124875

**Work Information**

Job Value: \$23,743,966.00	Occupied Floor Area (Non-Res)(sq ft): 47004
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**TOTAL FEES TO BE PAID AT FILING: \$1,026,356.52**

Address Fee \$135.00	Application Fee \$70.00	Bedroom Tax \$16,800.00
CBSC \$854.10	CITY CBSC \$94.90	CITY SMIP \$332.42
Certificate of Occupancy/Permit Related \$705.00	Construction Site Monitoring \$400.00	General Plan Surcharge \$102,099.05
Inspection Fee \$137,813.75	Parking Review \$462.00	Plan Check - Routed \$172,260.00
Process Coordination \$4,134.18	Records Management Fee \$84,970.69	SMIP \$6,315.90
School Tax \$410,864.88	School Tax - City \$12,707.16	Site Plan Review - Plot Plan \$658.00
Technology Enhancement Fee \$46,957.49	Zoning Conditions of Approval \$17,640.00	Zoning Inspection \$10,082.00

APPLICATION ONLY: Not a permit.

**APPLICANT COPY**

Record ID: B1604010

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<input type="checkbox"/> 2175953	Application Fee	\$70.00	INVOICED	08/23/2016
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<input type="checkbox"/> 2175953	CBSC	\$854.10	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	CITY CBSC	\$94.90	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	CITY SMIP	\$332.42	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	Certificate of Occupancy/Permit Related	\$705.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	Construction Site Monitoring	\$400.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	General Plan Surcharge	\$102,099.05	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	Inspection Fee	\$137,813.75	INVOICED	08/23/2016
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<input type="checkbox"/> 2175953	Plan Check - Routed	\$172,260.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	Process Coordination	\$4,134.18	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	Records Management Fee	\$84,970.69	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	SMIP	\$6,315.90	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	School Tax	\$410,864.88	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	School Tax - City	\$12,707.16	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	Site Plan Review - Plot Plan	\$658.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	Technology Enhancement Fee	\$46,957.49	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	Zoning Conditions of Approval	\$17,640.00	INVOICED	08/23/2016
<input type="checkbox"/> 2175953	Zoning Inspection	\$10,082.00	INVOICED	08/23/2016

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**ATTACHMENT B**

***Checklist #5: Artist Resumes***

## FUTURE CITIES LAB

### Nataly Gattegno + Jason Kelly Johnson

2325 3rd St. #229, San Francisco, CA 94107

t: 415.255.4879, c: 434.466.6507, e: nataly@future-cities-lab.net, e: jason@future-cities-lab.net

w: www.future-cities-lab.net

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## + Education

### Nataly Gattegno:

- 2002 Master of Architecture, MArch, Princeton University
- 2000 Master of Arts, MA, Cambridge University, St Johns College, UK
- 1998 Bachelor of Arts, BA Honors, Cambridge University, St Johns College, UK

### Jason Kelly Johnson:

- 2001 Master of Architecture, MArch, Princeton University
- 1995 Bachelor of Sciences, BSc, University of Virginia

## + Current / Forthcoming Public Art Installations

- 2020 St. James Park Levitt Pavilion, San Jose, CA [forthcoming]
- 2018 Lightstreams, MTA Arts + Design, Sea Beach Line Station Public Art, New York, NY [forthcoming]
- 2017 Chronosphere, Seoul Biennale of Architecture and Urbanism, Seoul, South Korea [currently on view]
- 2017 Lightweave: Interactive Public Art Installation, North Union Station Underpass, Washington DC [forthcoming]
- 2017 Hyposwarm: Graphic Crosswalk, Yerba Buena Community Benefit District, San Francisco, CA [forthcoming]
- 2015 Murmur Wall: Interactive Public Art Installation, Palo Alto City Hall, Palo Alto, CA [currently on view]

## + Recent Public Art Commissions

- 2017 Waveform, Metropolitan State University of Denver, Aerospace & Engineering Sciences Denver, CO
- 2017 Anemone: Sculptural Shade Canopy, Albany, CA
- 2016 Chronoscope 1, Soundwave Art Festival, Fort Mason, San Francisco, CA
- 2015 Data Lanterns: Interactive Public Art Installation, Market Street Prototyping Festival, San Francisco, CA
- 2014 Lightswarm: Interactive Façade Installation, Yerba Buena Center for the Arts, San Francisco, CA
- 2014 Datasprayer, Swiss Pavilion, Venice Biennale, Italy
- 2013 Hydraspan, Yerba Buena Center for the Arts, San Francisco, CA
- 2012 Datagrove, ZERO1 Biennial, San Jose, CA and artMRKT, Fort Mason, San Francisco, CA
- 2012 Hydramax, San Francisco Museum of Modern Art, San Francisco, CA
- 2011 Trilux Pavilion, Museum of Craft and Design, Hayes Valley, San Francisco, CA
- 2010 Xeromax Envelope, Pratt Gallery, New York, NY
- 2010 AURORA, Van Alen Institute, New York, NY

## + Recent Private Art Commissions

- 2016 4480 Pixels In Space, Survey Monkey, San Mateo, CA
- 2015 Bitstream, Bitly, New York, NY

## + Recent Public Art Finalists

- 2016 Pomerene Hall Public Art, Ohio State University, Columbus, OH [finalist, ongoing]
- 2016 Assen Railway Integrated Public Art, Assen, Netherlands [finalist, ongoing]
- 2016 Montgomery Street Public Art, Fort Worth, TX [finalist, ongoing]
- 2016 Uber Mission Bay Headquarters Public Art, Uber, San Francisco, CA [finalist]
- 2016 Clemson University Lee III Interior Public Art, Clemson, SC [finalist]

## + Artist Pools

- 2017 2017 Seattle Office of Arts and Culture Public Artist Roster, WA
- 2017 2017/18 Prequalified Artist Pool: San Francisco Arts Commission, CA
- 2017 2017 Prequalified Artist Pool: Houston Art Alliance's, TX
- 2016 2016-2019 Art in Public Places Roster: Oregon Regional Arts & Culture Council, OR
- 2016 2016/2017 Prequalified Artist Pool: City of Palo Alto Public Art Program, Palo Alto, CA

## + Recent Community Engagement / Thought Leadership

- 2017 Association for Computer Aided Design in Architecture, President and Editorial Board
- 2016 Our City: Oakland, Oakland, CA: Advisory Committee
- 2015 Market Street Prototyping Festival, San Francisco, CA: Planning Committee / Neighborhood Captain
- 2014 Audi Innovation Research/California College of the Arts: Beyond Mobility Workshop, San Francisco, CA: Organizers

## + Solo Exhibitions

- 2010 The Aurora Project, Van Alen Institute, NY, curator: Jessica Blaustein
- 2007 Vivisys, Extension Gallery, Chicago IL, curator: Paola Palombo

## + Group Exhibitions

- 2017 Architectural Pavilions: Experiments and Artifacts, Museum of Craft and Design, San Francisco, CA, Curator: Mariah Nielson
- 2017 Luminairy, Art, Tech + Music Festival, San Francisco, CA
- 2015 Blueprint, Storefront for Art + Architecture, New York, NY, Curator: Sebastiaan Bremer & SO-IL 2015  
Data Clay, Musuem of Craft and Design, San Francisco, CA, Curators: Joshua G. Stein & Del Harrow
- 2014 Blueprint, Kunsthal KAdE, The Netherlands, Curator: Sebastiaan Bremer & SO-IL
- 2014 Bi-City Biennale of Urbanism / Architecture, Hong Kong, Curator: Colin Fournier
- 2013 Dissident Futures, Yerba Buena Center for the Arts, Curator: Betti-Sue Hertz
- 2012 Hydramax, in Utopian Impulse, San Francisco Museum of Modern Art, Curator: Jennifer Fletcher
- 2011 Aurora, in EcoRedux2: Design Manuals for a Dying Planet, Barcelona Design Museum, Curator: Lydia Kallipolitis
- 2011 Supergalaxy, in Architecture Models, Museum of Craft and Design, San Francisco, Curator: Mariah Nielson 2010  
Xeromax Air, in BIODIVERCITY: 47 Important Ideas and Technologies for the Urban Environment,  
The Australian Embassy Gallery, Washington DC, curator: Natalie Jeremijenko

## + Group Exhibitions (cont.)

- 2010 Xeromax Envelope, in Envelope, Pratt Gallery, New York, Curator: Christopher Hight
- 2010 Aurora, in Research Through Making, University of Michigan, TCAUP
- 2010 Glaciarium, in Hong Kong / Shenzhen Biennale of Architecture and Urbanism, Curator: Marisa Yiu
- 2009 Desert Prototype, in PROTOTYPES, ROBOTS, DESERT ECOLOGIES, University of Michigan, TCAUP 2008  
GROW:DC, City of the Future Challenge, Union Station, Washington DC, curator: Cassey Jones 2006  
Energy Farm, in Build Boston Exhibition, Boston Society of Architects, Boston, MA
- 2005 Landscape of Variation, in Gallery Kwang, Seoul, S. Korea

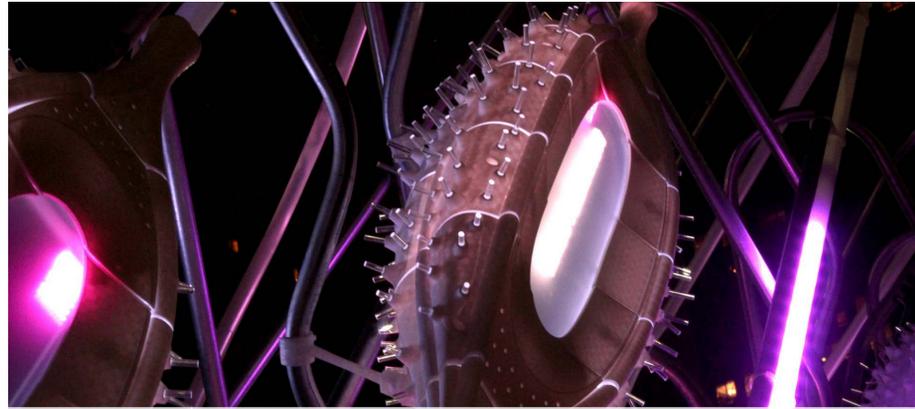
## + Fellowships / Awards

- 2016 SXSW Eco Place By Design Interactive Art Award Finalist for Lightswarm
- 2016 Americans for the Arts 'Top 50 Public Artworks' for Murmur Wall
- 2016 Community Contribution Award, Robots in Architecture, Sydney, Australia
- 2016 Fast Company 2016 Innovation By Design Award: Spaces, Places & Cities Honorable Mention for Murmur Wall
- 2014 Smart City Award for Hydramax, Milan Design Week, Italy
- 2013 Emerging Architect, Monterey Design Conference, CA
- 2013 Americans for the Arts 'Top 50 Public Artworks' for Datagrove
- 2011 New York Prize, The Architectural League of New York
- 2010 Van Alen NY Prize Fellowship, Van Alen Institute, New York
- 2009 Muschenheim + Oberdick Fellowships, University of Michigan, TCAUP, Ann Arbor, MI

## + Select Lectures/Presentations/Conferences

- 2017 Machines of Loving Grace, Guest Speaker, UCLA, CA
- 2017 Primer Conference, Guest Speaker, Gray Area for the Arts, San Francisco, CA
- 2016 Meeting of the Minds, Invited Speaker, Richmond, CA
- 2016 Meeting of the Minds with Mayor Sam Liccardo, Invited Panelist, Cisco, San Jose, CA
- 2016 Designing For What We Don't Know Yet, Invited Speaker, SPUR, San Francisco, CA 2016  
Arup San Francisco Office 30th Anniversary, Invited Speaker, Arup, San Francisco, CA
- 2016 Rob|Arch 2016, Keynote Speaker, Robots in Architecture, Sydney, Australia
- 2015 Wired City Conference Keynote, Wired Magazine, Tokyo, Japan
- 2015 INST-INT Conference, Invited Speaker, Walker Art Center, Minneapolis, MN
- 2015 TYPO International Design Talks, Invited Speaker, San Francisco, CA
- 2015 Internet of Things Summit, San Francisco, CA
- 2014 A City of Intelligent Machines, lecture at Designers + Geeks, CA
- 2012 Association for Computer Aided Design in Architecture [ACADIA] Conference and Exhibition Chairs
- 2012 TEDx, Los Angeles, Fowler Museum, UCLA
- 2012 Ecologics: Praxis Symposium, Storefront for Art+Architecture, NY

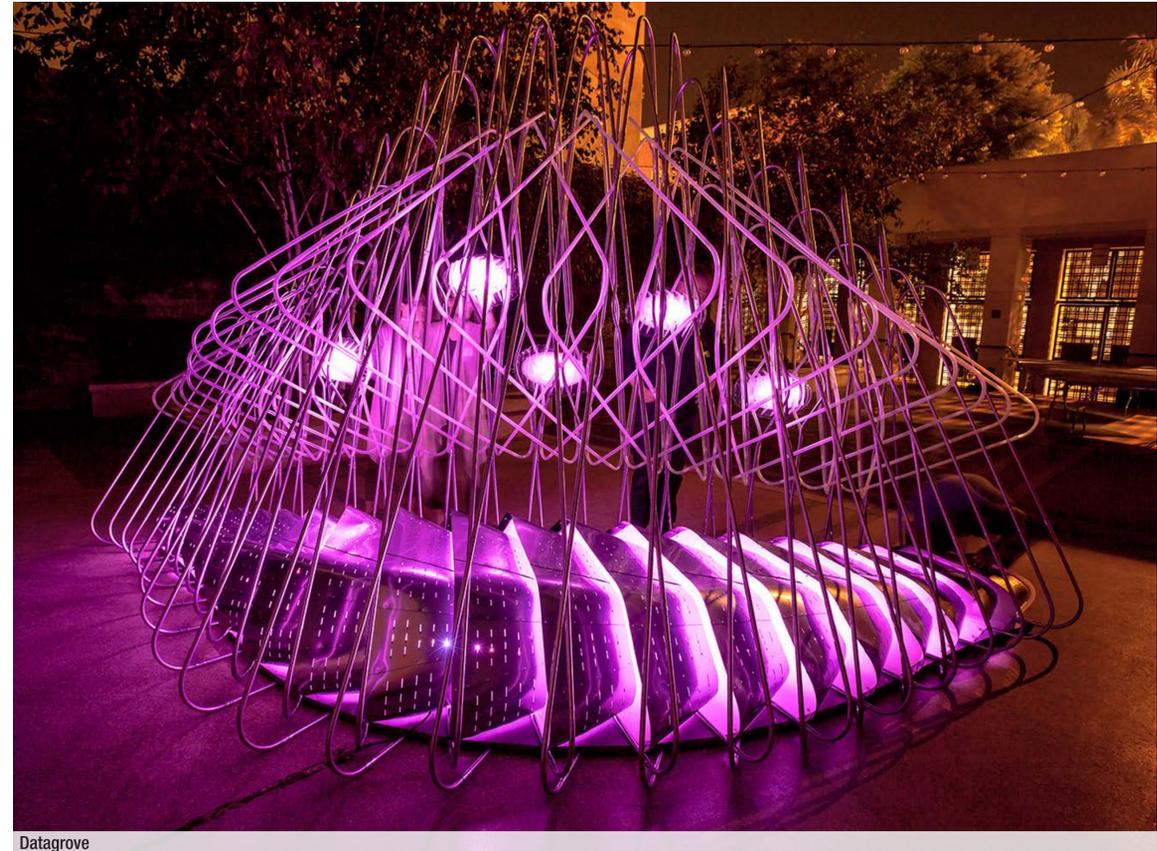
Future Cities Lab has lectured at: Princeton University; Architectural Association DRL, London; Cornell University; Illinois Institute of Technology; University of Pennsylvania; CalPoly; UC Berkeley among others.



Murmur Wall



Lightstreams



Datagrove



Murmur Wall



1080 Pixels in Space



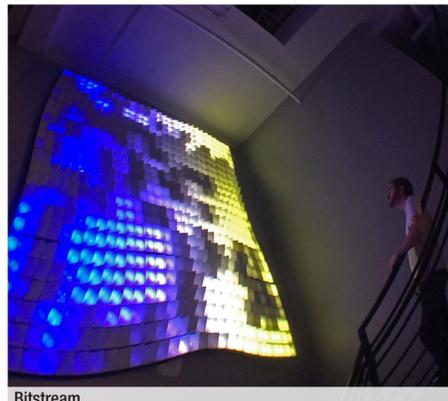
Waveform



Lightswarm



Lightswarm



Bitstream



Lightswarm

**GENERAL NOTES**

1. FOR PRELIMINARY CONCEPT VISUALIZATION AND PRICING PURPOSES ONLY
2. VERIFY ALL DIMENSIONS AND SITE DETAILS IN THE FIELD

**LEAD ARTIST**

FUTURE CITIES LAB  
 2325 3rd Street, Suite 229  
 San Francisco, CA 94107  
 Contact: Jason K Johnson  
 -info@future-cities-lab.net-  
 Phone: (415) 255-4879



**CONSULTING STRUCTURAL ENGINEER**

**CONSULTING ELECTRICAL ENGINEER**

**METAL FABRICATION**

Norcal Metal Fabricators  
 1121 3rd Street  
 Oakland, CA, 94507  
 info@nc-mc.com

**LED ELECTRONICS**

MACHINIC  
 2325 3rd Street  
 San Francisco, CA 94107

**REVISION NOTES**

**PROPOSED  
 ARTWORK -  
 NOT FOR  
 PUBLIC  
 DISTRIBUTION**

**PROJECT NAME**

**LIGHT CLOUD**

1-880 Madison St Underpass  
 Public Artwork Proposal  
 Oakland, CA

**SHEET TITLE**

FUTURE CITIES LAB  
 AND CONSULTANTS

**DRAWING SCALE**

As noted on drawings

**DATE ISSUED:**

15 Dec 2017

**A014**

**A1 SELECTION OF PREVIOUS PROJECTS BY ARTIST**

Scale: N/A



Data Lanterns



Trilux



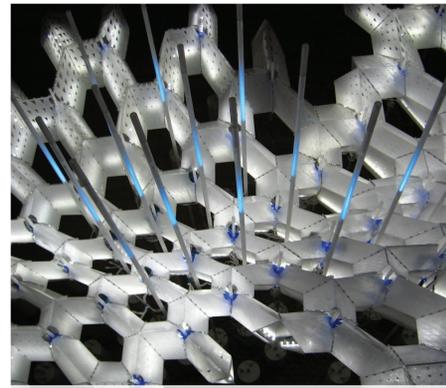
Lightweave



Lightweave



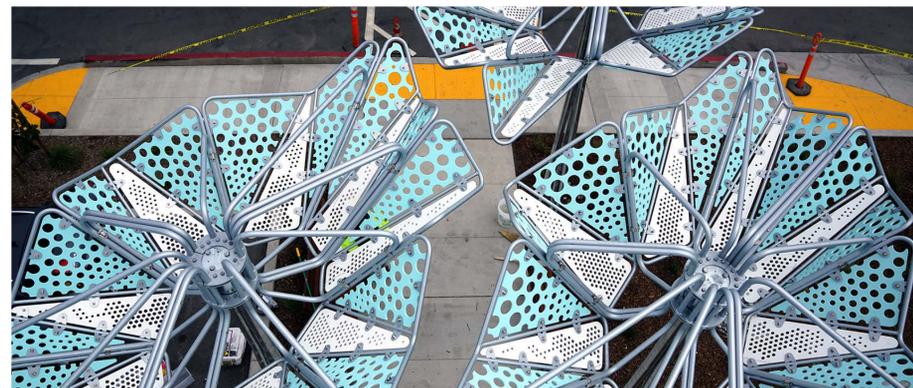
St. James Levitt Pavilion



Aurora



Anemone Shade Canopy



Anemone Shade Canopy



Anemone Shade Canopy

**GENERAL NOTES**

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 2325 3rd Street, Suite 229  
 San Francisco, CA 94107  
 Contact: Jason K Johnson  
 -email@future-cities-lab.net-  
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 1121 3rd Street  
 Oakland, CA, 94507  
 info@nc-mc.com

**LED ELECTRONICS**

MACHINIC  
 2325 3rd Street  
 San Francisco, CA 94107

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 AND CONSULTANTS

**DRAWING SCALE**

As noted on drawings

**DATE ISSUED:**

15 Dec 2017

**A015**

**A1 SELECTION OF PREVIOUS PROJECTS BY ARTIST**

Scale: N/A



Future Cities Lab in-house fabrication partners "Machinic LLC" in Dog Patch, San Francisco



Nor Cal's Oakland Steel Fabrication Shop



Future Cities Lab electronics integration, Dog Patch, San Francisco



Future Cities Lab in-house fabrication partners "Machinic LLC" in Dog Patch, San Francisco



Nor Cal's Oakland Steel Fabrication Shop

**GENERAL NOTES**

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 2325 3rd Street, Suite 229  
 San Francisco, CA 94107  
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 -cinfo@future-cities-lab.net-  
 Phone: (415) 255-4879



**CONSULTING STRUCTURAL ENGINEER**

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**METAL FABRICATION**

Norcal Metal Fabricators  
 1121 3rd Street  
 Oakland, CA, 94507  
 info@nc-mc.com

**LED ELECTRONICS**

MACHINIC  
 2325 3rd Street  
 San Francisco, CA 94107

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**DRAWING SCALE**

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**A010**

**MADE IN THE BAY AREA**

**A1** FABRICATION PARTNERS  
 Scale: N/A

**ATTACHMENT C**

**Visual Proposal**



File: 121517\_1-880 Underpass Artwork by Future Cities Lab.pdf

**A1** NIGHT TIME VIEW OF MADISON STREET  
Scale: N/A

VARIABLE INTENSITIES OF ILLUMINATION CREATE A MEDITATIVE,  
INTERACTIVE AND PLAYFUL EXPERIENCE FOR PEDESTRIANS.

**GENERAL NOTES**

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San Francisco, CA 94107  
Contact: Jason K Johnson  
-info@future-cities-lab.net-  
Phone: (415) 255-4879



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**CONSULTING ELECTRICAL ENGINEER**

**METAL FABRICATION**

Norcal Metal Fabricators  
1121 3rd Street  
Oakland, CA, 94507  
info@nc-mc.com

**LED ELECTRONICS**

MACHINIC  
2325 3rd Street  
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**REVISION NOTES**

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**PROJECT NAME**

**LIGHT CLOUD**

1-880 Madison St Underpass  
Public Artwork Proposal  
Oakland, CA

**SHEET TITLE**

CONCEPT RENDERING

**DRAWING SCALE**

As noted on drawings

**DATE ISSUED:**  
15 Dec 2017

**A02**



File: 121517\_I-880 Underpass Artwork by Future Cities Lab.pdf

**A1**

**MORNING WALK THROUGH THE UNDERPASS**

Scale: N/A

**LIGHT CLOUD'S SERPENTINE FORMS PROVIDE A REFRESHING CONTRAST TO THE CONCRETE OF THE I-880 UNDERPASSES**

**GENERAL NOTES**

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FUTURE CITIES LAB  
2325 3rd Street, Suite 229  
San Francisco, CA 94107  
Contact: Jason K Johnson  
<info@future-cities-lab.net>  
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**CONSULTING STRUCTURAL ENGINEER**

**CONSULTING ELECTRICAL ENGINEER**

**METAL FABRICATION**

Norcal Metal Fabricators  
1121 3rd Street  
Oakland, CA, 94507  
info@nc-mc.com

**LED ELECTRONICS**

MACHINIC  
2325 3rd Street  
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**PROJECT NAME**

**LIGHT CLOUD**

I-880 Madison St Underpass  
Public Artwork Proposal  
Oakland, CA

**SHEET TITLE**

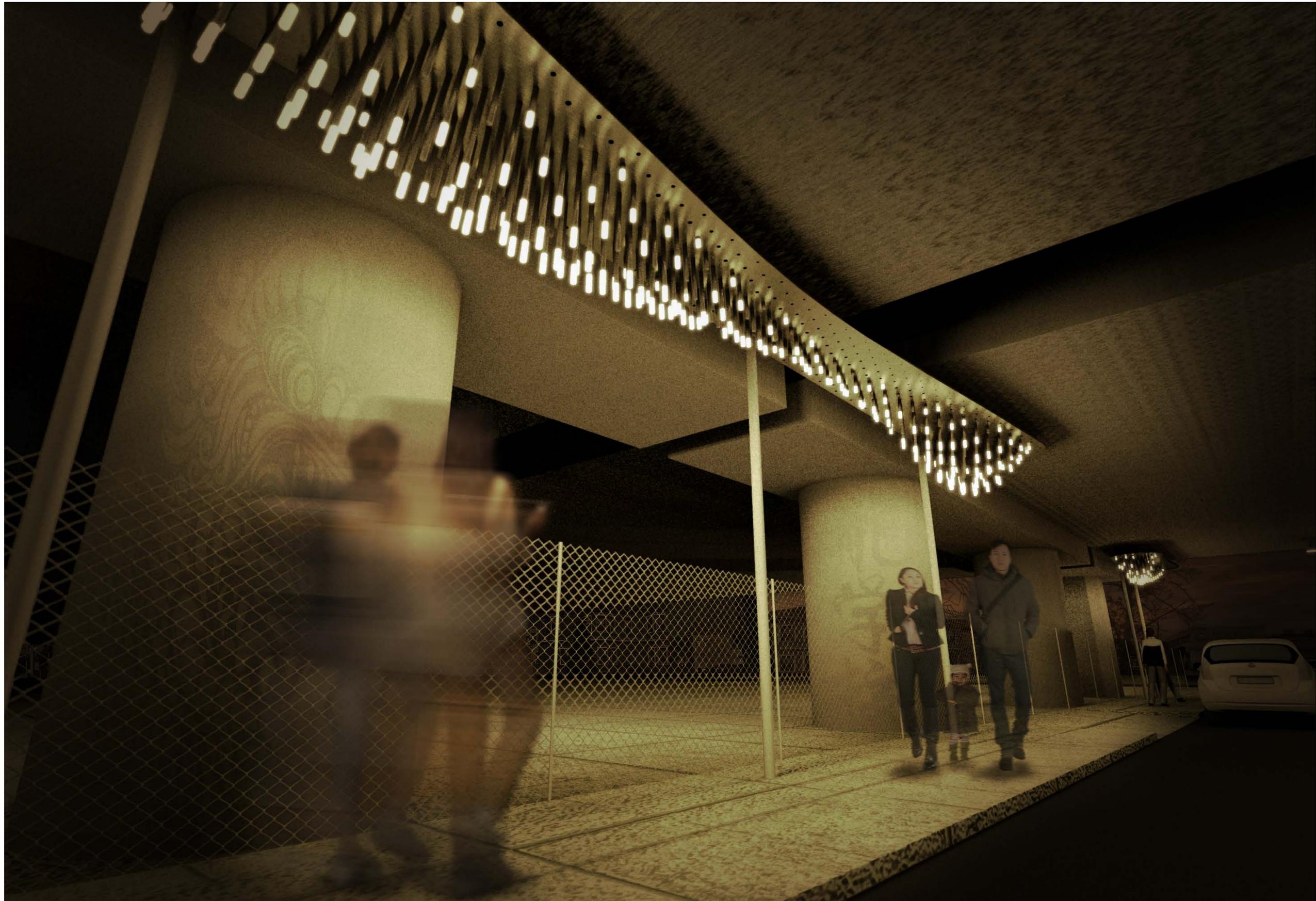
CONCEPT RENDERING

**DRAWING SCALE**

As noted on drawings

**DATE ISSUED:**  
15 Dec 2017

**A05**



File: 121517\_I-880 Underpass Artwork by Future Cities Lab.pdf

**A1** ILLUMINATING THE SIDEWALK AND UNDERPASS IN THE EVENING  
Scale: N/A

**LIGHT CLOUD CREATES AN INTERACTIVE AND IMMERSIVE VISUAL EXPERIENCE FOR PEDESTRIANS WALKING ALONG MADISON ST BOTH DAY AND NIGHT**

**GENERAL NOTES**

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Contact: Jason K Johnson  
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**CONSULTING STRUCTURAL ENGINEER**

**CONSULTING ELECTRICAL ENGINEER**

**METAL FABRICATION**

Norcal Metal Fabricators  
1121 3rd Street  
Oakland, CA, 94507  
info@nc-mc.com

**LED ELECTRONICS**

MACHINIC  
2325 3rd Street  
San Francisco, CA 94107

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**PROJECT NAME**

**LIGHT CLOUD**

I-880 Madison St Underpass  
Public Artwork Proposal  
Oakland, CA

**SHEET TITLE**

CONCEPT RENDERING

**DRAWING SCALE**

As noted on drawings

**DATE ISSUED:**  
15 Dec 2017

**A011**



**A1** VIEW DRIVING ON MADISON STREET WITH STREET EVENT  
Scale: N/A

**THE ARTWORK WILL SERVE AS A CATALYST FOR UTILIZING THE UNDERPASS IN NEW WAYS.  
IT WILL ALSO CONTRIBUTE TO IMPROVE THE OVERALL LIGHTING QUALITY OF THE SPACE.**

**GENERAL NOTES**

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San Francisco, CA 94107  
Contact: Jason K Johnson  
-info@future-cities-lab.net-  
Phone: (415) 255-4879



**CONSULTING STRUCTURAL ENGINEER**

**CONSULTING ELECTRICAL ENGINEER**

**METAL FABRICATION**

Norcal Metal Fabricators  
1121 3rd Street  
Oakland, CA, 94607  
info@nc-mc.com

**LED ELECTRONICS**

MACHINIC  
2325 3rd Street  
San Francisco, CA 94107

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**LIGHT CLOUD**

1-880 Madison St Underpass  
Public Artwork Proposal  
Oakland, CA

**SHEET TITLE**

CONCEPT RENDERING

**DRAWING SCALE**

As noted on drawings

**DATE ISSUED:**

15 Dec 2017

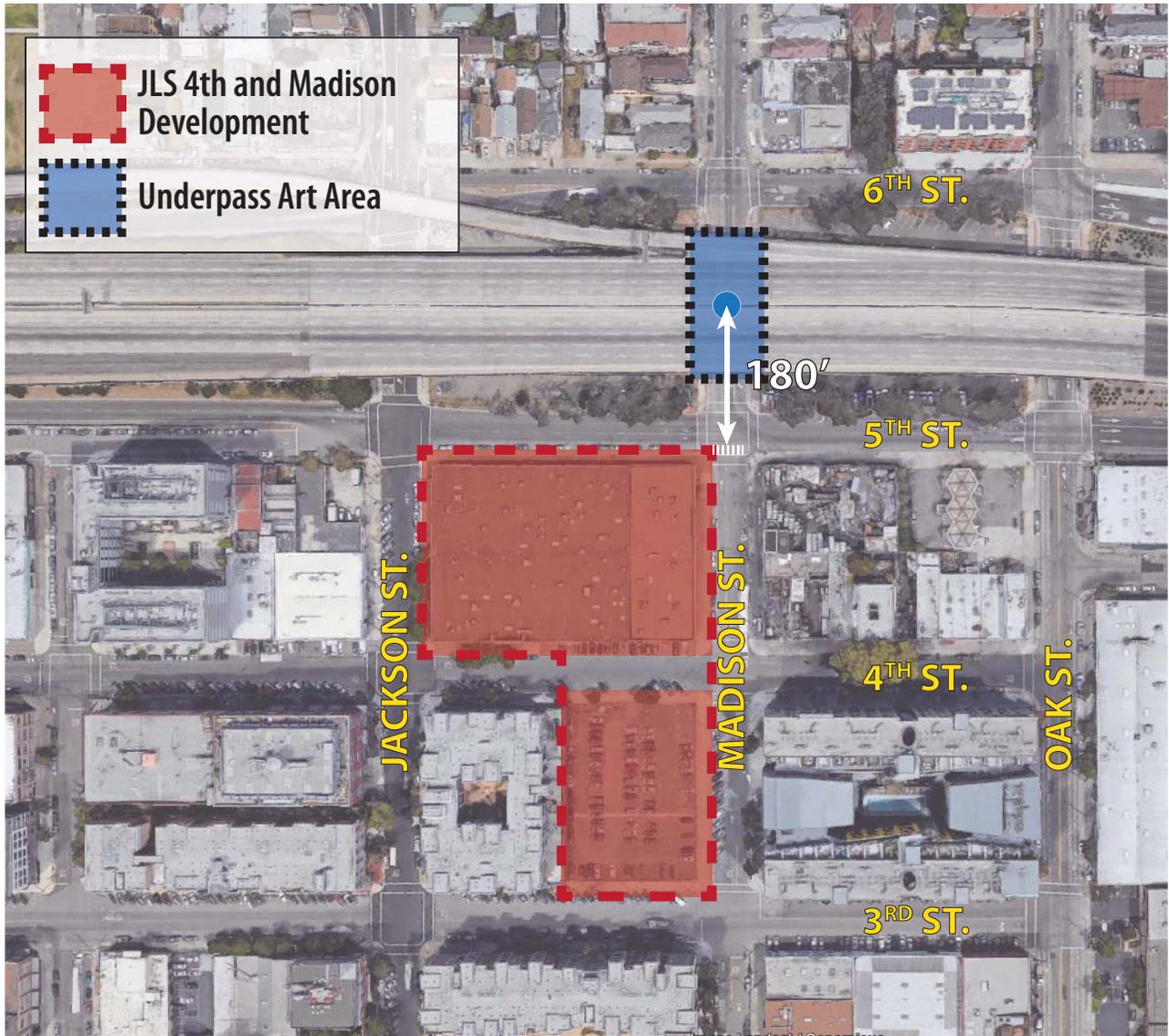
**A013**

## ATTACHMENT D

***Checklist #8: Proposed Site Plan, Site Photos, and Project Mock-Up***



Figure 1 - Context Map



Distance of Art Project from Development Site



Figure 2 - Madison Street Underpass: looking west



Figure 3 - Madison Street Underpass: looking east



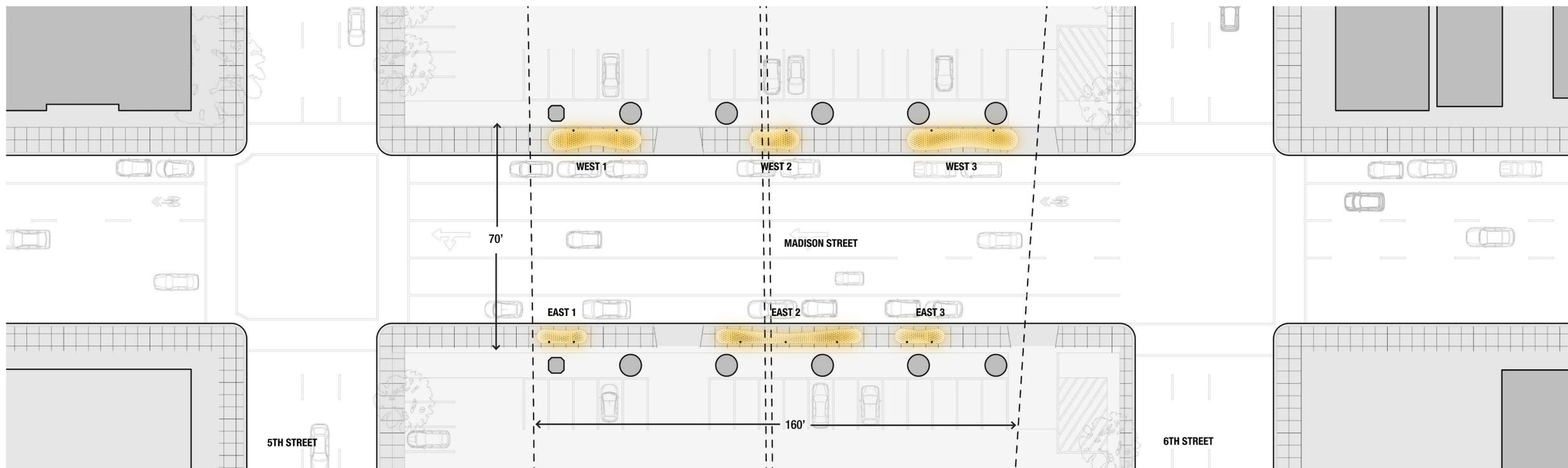
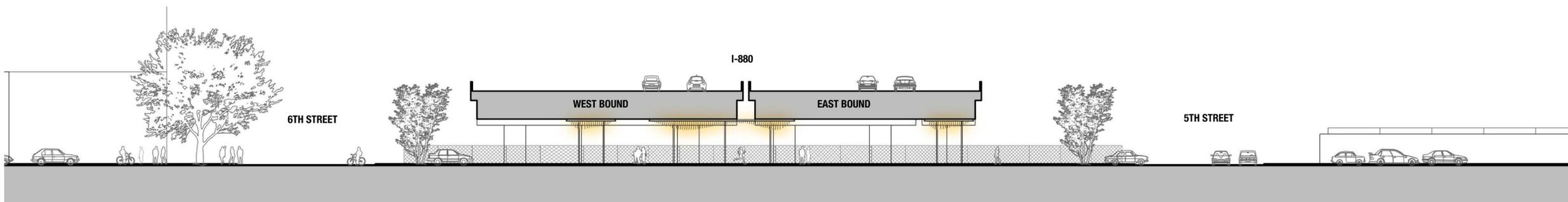
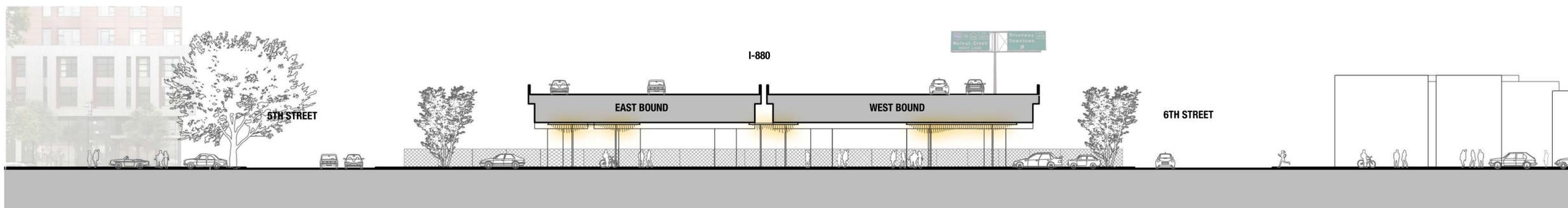
Figure 4 - Madison Street Underpass: view from 6th Street, looking south



Figure 5 - Madison Street Underpass: view from 5th Street, looking north



Figure 7 - Madison Street Underpass: west sidewalk, looking north



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2325 3rd Street, Suite 229  
San Francisco, CA 94107  
Contact: Jason K Johnson  
-ark@future-cities-lab.net-  
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**CONSULTING STRUCTURAL ENGINEER**

**CONSULTING ELECTRICAL ENGINEER**

**METAL FABRICATION**

Norcal Metal Fabricators  
1121 3rd Street  
Oakland, CA, 94507  
info@nc-mc.com

**LED ELECTRONICS**

MACHINIC  
2325 3rd Street  
San Francisco, CA 94107

**REVISION NOTES**

**PROPOSED ARTWORK - NOT FOR PUBLIC DISTRIBUTION**

**PROJECT NAME**

**LIGHT CLOUD**

I-880 Madison St Underpass  
Public Artwork Proposal  
Oakland, CA

**SHEET TITLE**

PROPOSED URBAN  
ELEVATION & SITE PLAN

**DRAWING SCALE**

As noted on drawings

**DATE ISSUED:**

15 Dec 2017

**A06**





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 San Francisco, CA 94107  
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**METAL FABRICATION**

Norcal Metal Fabricators  
 1121 3rd Street  
 Oakland, CA, 94507  
 info@nc-mc.com

**LED ELECTRONICS**

MACHINIC  
 2325 3rd Street  
 San Francisco, CA 94107

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**LIGHT CLOUD**

I-880 Madison St Underpass  
 Public Artwork Proposal  
 Oakland, CA

**SHEET TITLE**

Site Axonometric

**DRAWING SCALE**

As noted on drawings

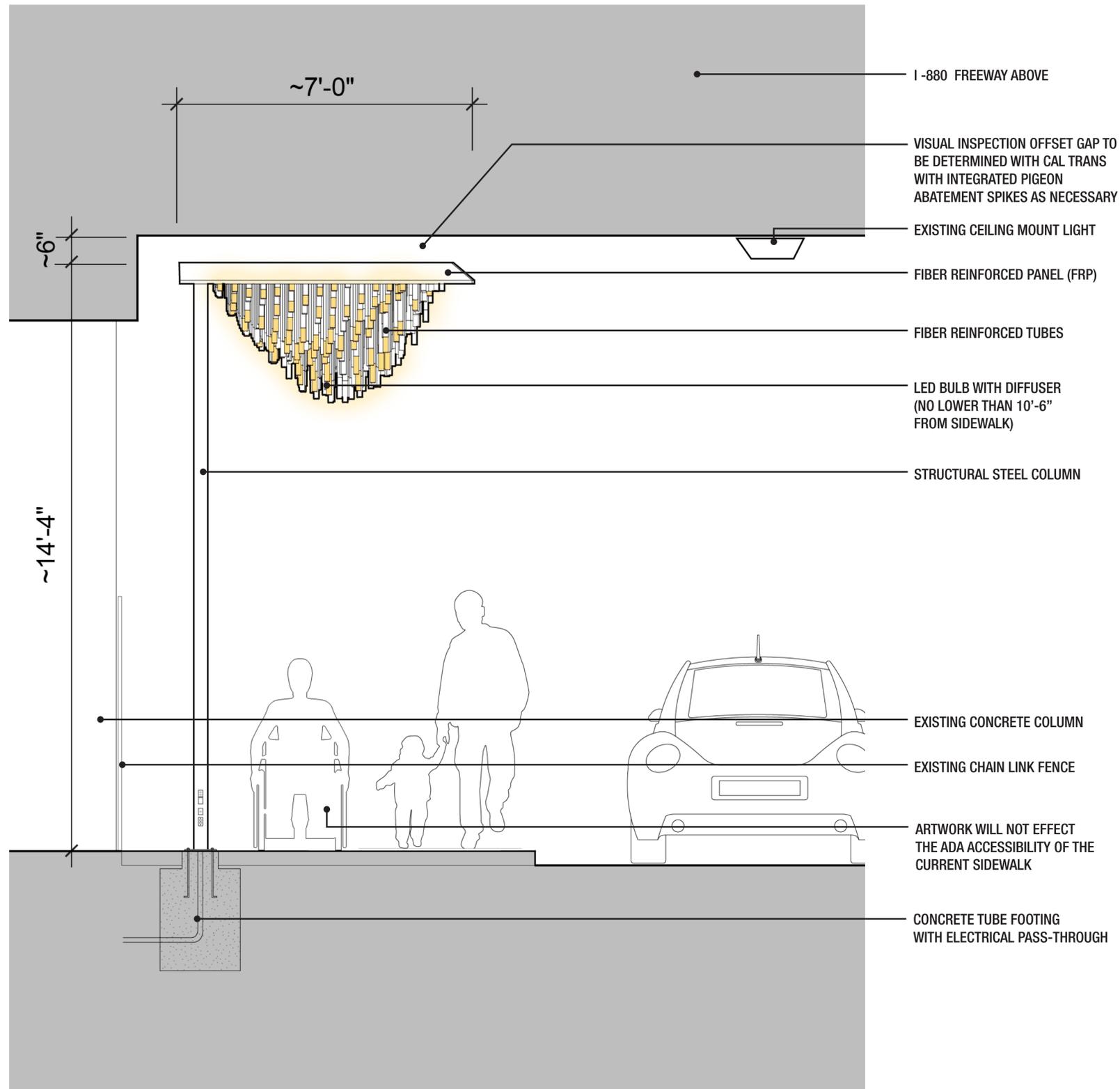
**DATE ISSUED:**

15 Dec 2017

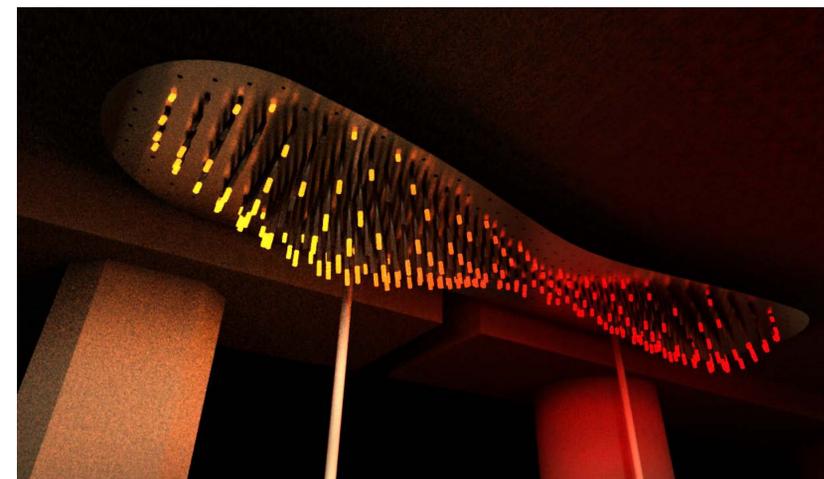
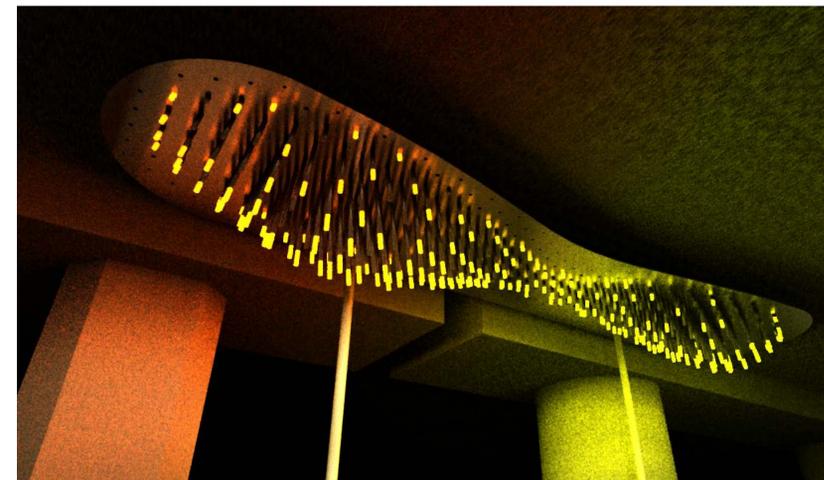
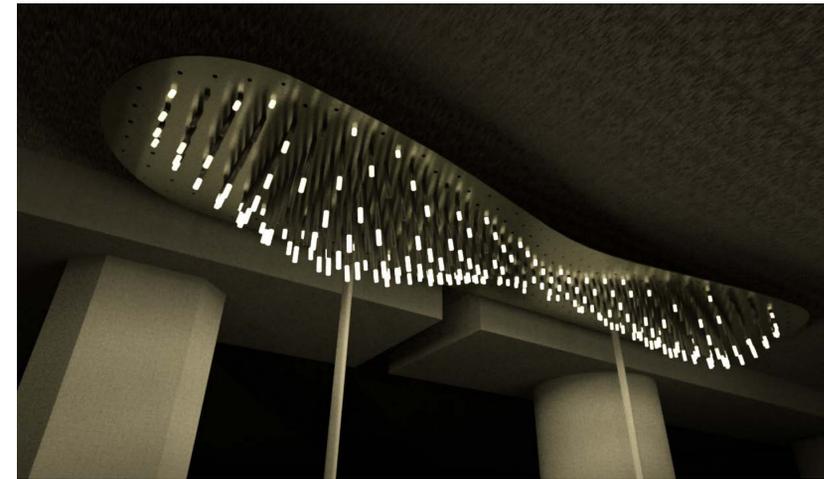
**A07**

**A1 SITE AXONOMETRIC (WEST SECTION OF I-880 INVISIBLE)**

Scale: N/A



**A1** PRELIMINARY TYPICAL CROSS-SECTION THROUGH SIDEWALK  
Scale: N/A



**A1** SAMPLE ARTWORK LED DIFFUSER COLORATION  
RGB LED lights would allow the artwork to change colors (slowly like a chameleon)

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FUTURE CITIES LAB  
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San Francisco, CA 94107  
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-info@future-cities-lab.net-  
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**CONSULTING STRUCTURAL ENGINEER**

**CONSULTING ELECTRICAL ENGINEER**

**METAL FABRICATION**

Norcal Metal Fabricators  
1121 3rd Street  
Oakland, CA, 94607  
info@nc-mc.com

**LED ELECTRONICS**

MACHINIC  
2325 3rd Street  
San Francisco, CA 94107

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**SHEET TITLE**  
DETAILED SECTION

**DRAWING SCALE**  
As noted on drawings

**DATE ISSUED:**  
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**A08**

## **ATTACHMENT E**

### **Checklist #9: Artist Statement and Description of Proposed Artwork**

# LIGHT CLOUD

***WEAVING COMMUNITIES TOGETHER WITH LIGHT***

**“... that longing to weave together perceptions, to affirm the richness of us as human beings both as performers and audience members .”**

*-Meredith Monk*

## LEAD ARTIST

**FUTURE CITIES LAB**

**NATALY GATTEGNO + JASON KELLY JOHNSON**

2325 3rd Street, Suite 229

San Francisco, CA 94107

tel: (415) 255-4879

[www.future-cities-lab.net](http://www.future-cities-lab.net)

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San Francisco, CA 94107  
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## CONSULTING STRUCTURAL ENGINEER

## CONSULTING ELECTRICAL ENGINEER

## METAL FABRICATION

Norcal Metal Fabricators  
1121 3rd Street  
Oakland, CA, 94507  
info@nc-mc.com

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MACHINIC  
2325 3rd Street  
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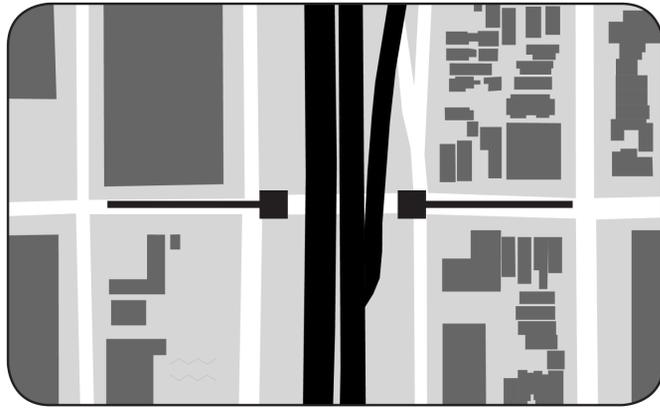
I-880 Madison St Underpass  
Public Artwork Proposal  
Oakland, CA

## SHEET TITLE COVER SHEET

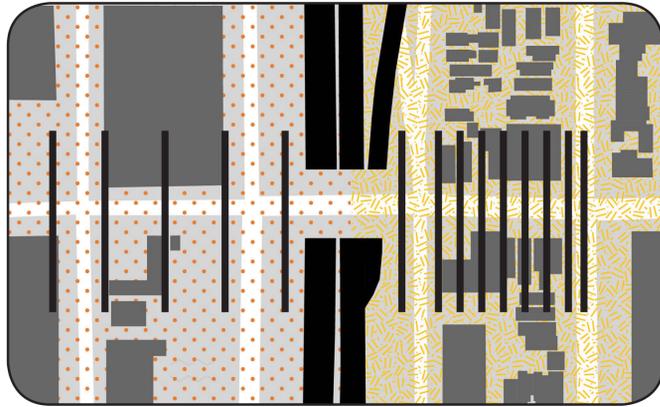
## DRAWING SCALE As noted on drawings

**DATE ISSUED:**  
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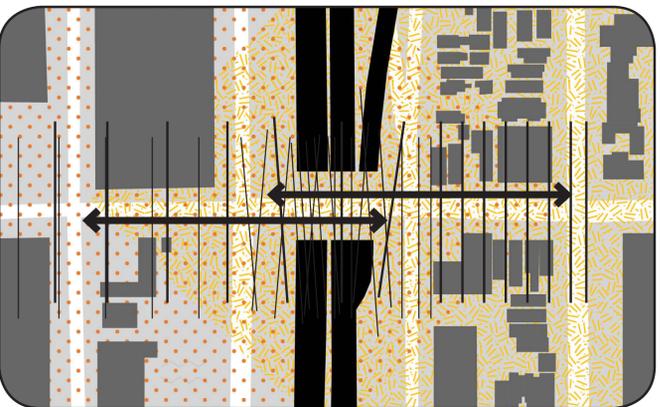
**A01**



EXISTING URBAN FABRIC DIVIDED BY I-880



BOTH SIDES HAVE THEIR OWN UNIQUE RHYTHMS



HOW COULD THE UNDERPASSES SERVE TO WEAVE THE TWO COMMUNITIES TOGETHER



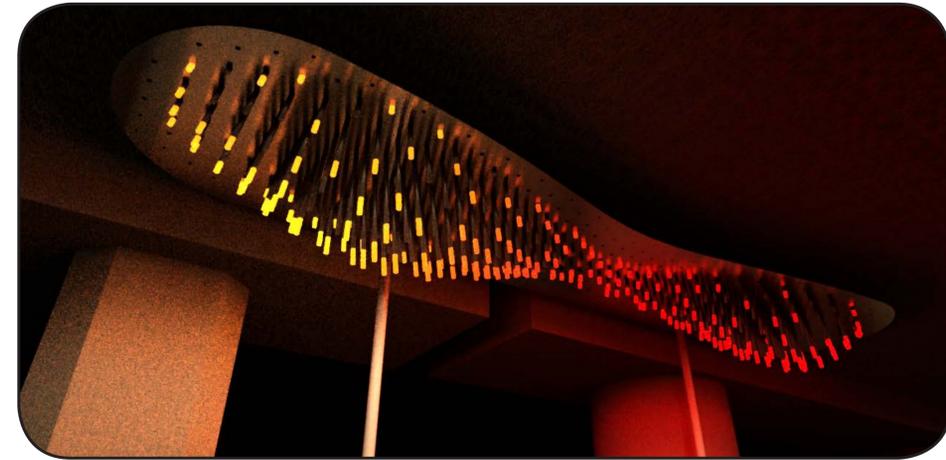
EXISTING SITE PHOTO



UNDERPASS PHOTO



OAKLAND'S RICH STREET ART, PUBLIC MURALS, BODY-ART



**LIGHT CLOUD - PERMANENT ART INSTALLATION**  
 Proposal for the Madison Street I-880 Underpass.

Light Cloud animates the underpass with variable intensities of illumination and creates a meditative, interactive and playful experience for pedestrians. We believe that a walk through an underpass could be as extraordinary as visiting a botanical garden, art museum, or cathedral.

The installations translate sounds from the highway underpass into unique formations of dynamic patterned light. Slowly changing ambient effects are triggered by the sound of passing people, cyclists and cars from the two neighborhoods and I-880 above.

The artwork serves as catalyst for neighborhood interaction across the I-880 divide. It is a first step towards weaving the neighborhood together. Similar to the dancing motion of a Chinese celebration dragon, waves of light oscillate through Light Cloud. The quality and placement of lighting elements will also enhance safety and comfort. Ambient light levels can also be increased during the evening and will enhance the overall ambiance of the area to ensure visibility and safety of pedestrians by motorists.

GENERAL NOTES

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 2325 3rd Street, Suite 229  
 San Francisco, CA 94107  
 Contact: Jason K Johnson  
 -info@future-cities-lab.net-  
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CONSULTING STRUCTURAL ENGINEER

CONSULTING ELECTRICAL ENGINEER

METAL FABRICATION

Norcal Metal Fabricators  
 1121 3rd Street  
 Oakland, CA, 94607  
 info@nc-mc.com

LED ELECTRONICS

MACHINIC  
 2325 3rd Street  
 San Francisco, CA 94107

REVISION NOTES

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PROJECT NAME

**LIGHT CLOUD**

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 Oakland, CA

SHEET TITLE

OVERALL CONCEPT

DRAWING SCALE

As noted on drawings

DATE ISSUED:

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**A03**



Fluid Creatures



Glowing Chinese Celebration Dragons



Lantern Festivals



"Murmuration" - Swarms of starlings found along the San Francisco Bay



Industrial byproducts near Madison St



Fireflies



Chinese Market Fruits



Durian and other funky spiky fruits



Weird mysterious clouds, industrial relics

**GENERAL NOTES**

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**CONSULTING STRUCTURAL ENGINEER**

**CONSULTING ELECTRICAL ENGINEER**

**METAL FABRICATION**

Norcal Metal Fabricators  
1121 3rd Street  
Oakland, CA, 94607  
info@nc-mc.com

**LED ELECTRONICS**

MACHINIC  
2325 3rd Street  
San Francisco, CA 94107

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AND CONSULTANTS

**DRAWING SCALE**

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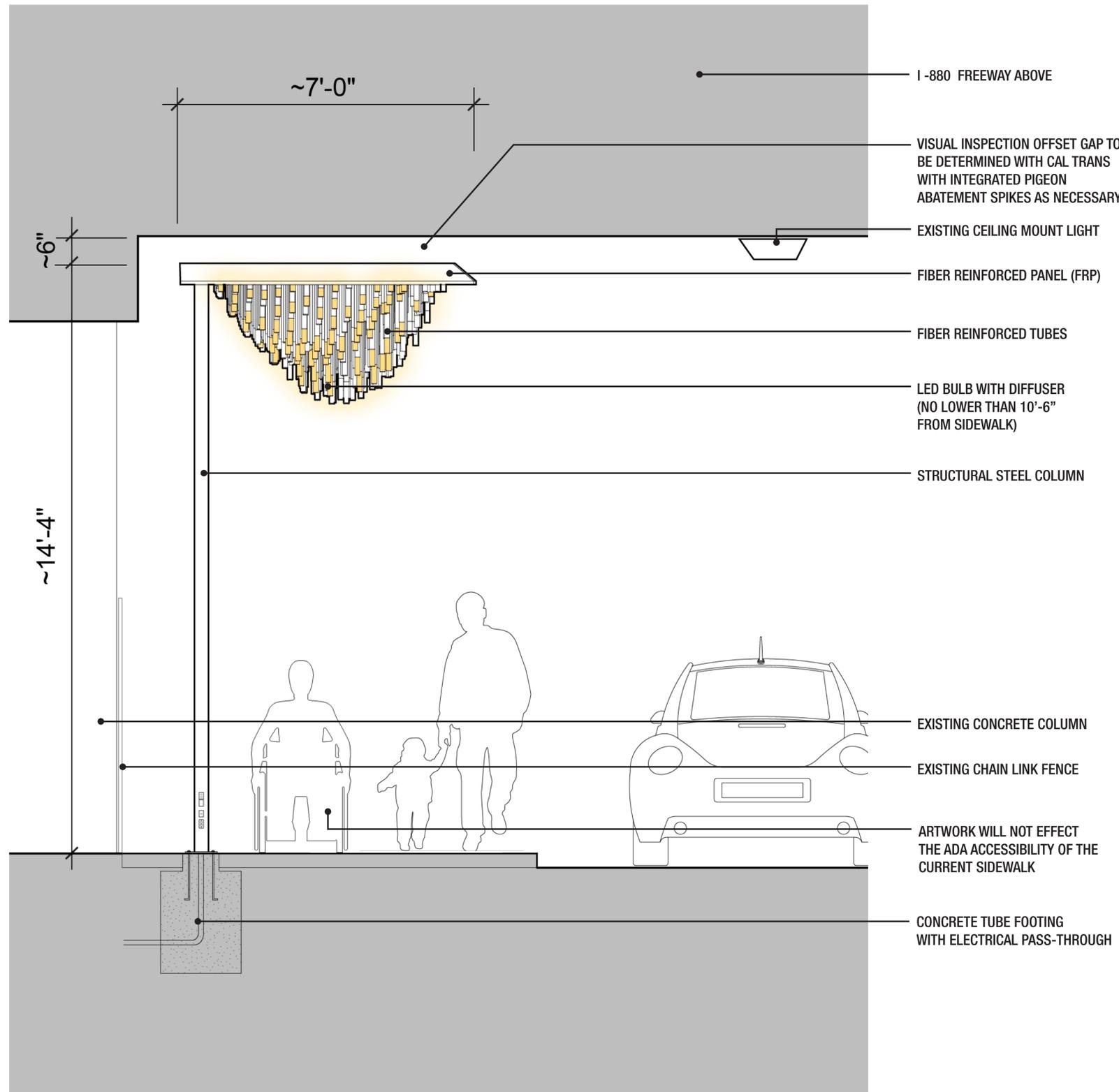
**A04**

**A1 INSPIRATIONS FROM OAKLAND AND BEYOND**

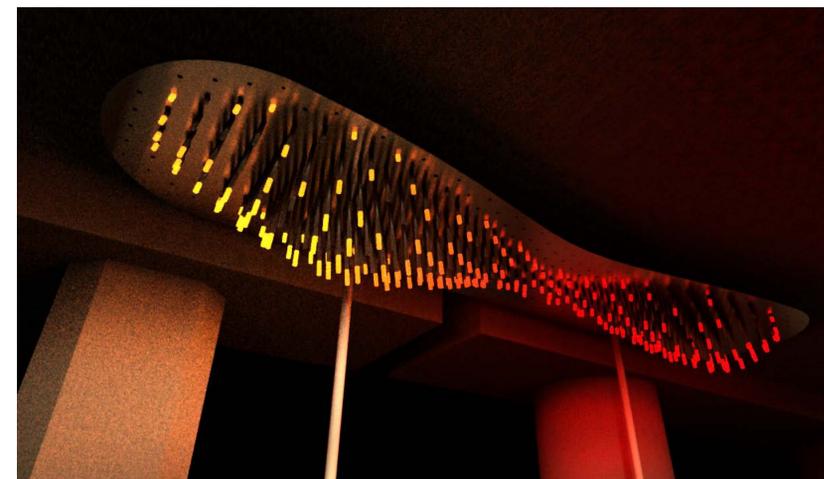
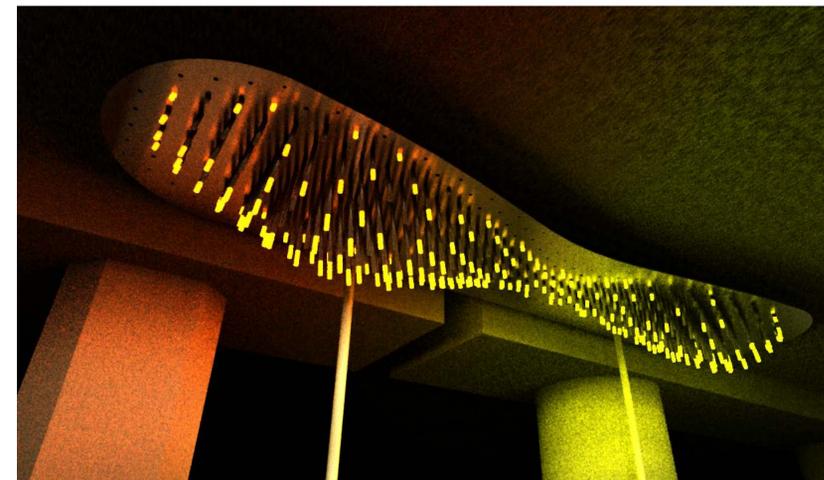
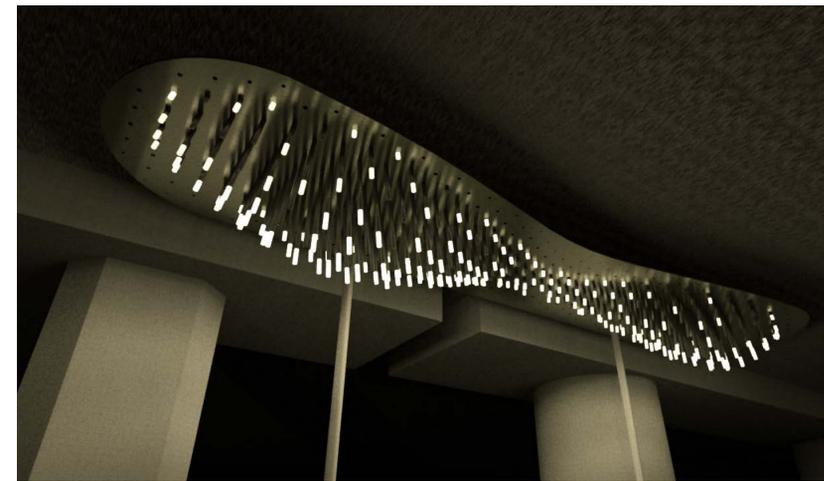
Scale: N/A

**ATTACHMENT F**

***Checklist #10: Materials and Methods Plan***



**A1** PRELIMINARY TYPICAL CROSS-SECTION THROUGH SIDEWALK  
Scale: N/A



**A1** SAMPLE ARTWORK LED DIFFUSER COLORATION  
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**SHEET TITLE**

DETAILED SECTION

**DRAWING SCALE**

As noted on drawings

**DATE ISSUED:**

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**A08**

**ATTACHMENT G**

***Checklist #11: Maintenance Plan***

**GENERAL NOTES**

- 1. FOR PRELIMINARY CONCEPT VISUALIZATION AND PRICING PURPOSES ONLY
- 2. VERIFY ALL DIMENSIONS AND SITE DETAILS IN THE FIELD

**LEAD ARTIST**

FUTURE CITIES LAB  
2325 3rd Street, Suite 229  
San Francisco, CA 94107  
Contact: Jason K. Johnson  
-info@future-cities-lab.net-  
Phone: (415) 255-4879



**CONSULTING STRUCTURAL ENGINEER**

**CONSULTING ELECTRICAL ENGINEER**

**METAL FABRICATION**

Norcal Metal Fabricators  
1121 3rd Street  
Oakland, CA, 94607  
info@nc-mc.com

**LED ELECTRONICS**

MACHINIC  
2325 3rd Street  
San Francisco, CA 94107

**REVISION NOTES**

**PROPOSED  
ARTWORK -  
NOT FOR  
PUBLIC  
DISTRIBUTION**

**PROJECT NAME**

**LIGHT CLOUD**

I-880 Madison St Underpass  
Public Artwork Proposal  
Oakland, CA

**SHEET TITLE**

**MATERIALS &  
MAINTENANCE**

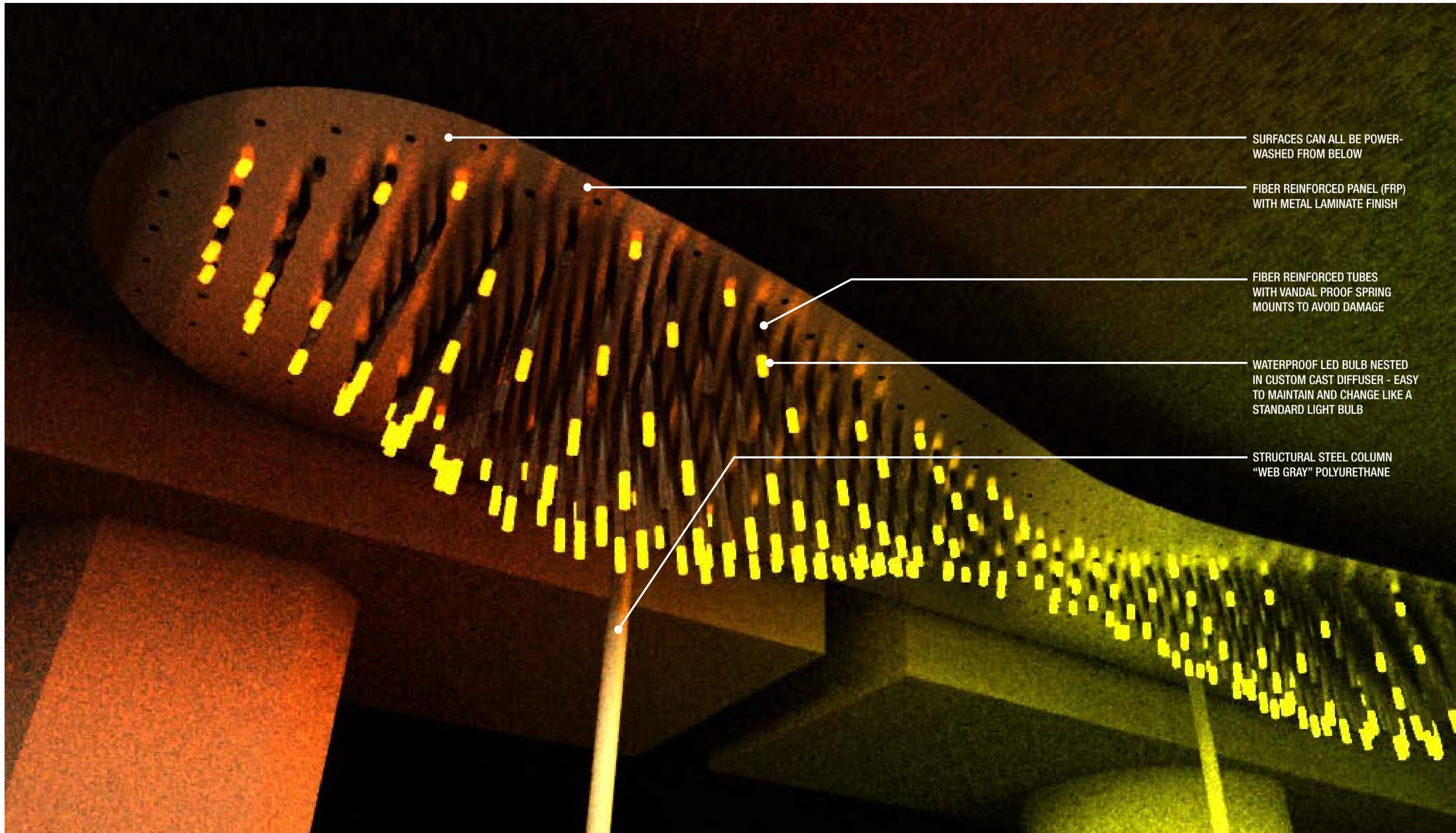
**DRAWING SCALE**

As noted on drawings

**DATE ISSUED:**

15 Dec 2017

**A09**



SURFACES CAN ALL BE POWER-WASHED FROM BELOW

FIBER REINFORCED PANEL (FRP) WITH METAL LAMINATE FINISH

FIBER REINFORCED TUBES WITH VANDAL PROOF SPRING MOUNTS TO AVOID DAMAGE

WATERPROOF LED BULB NESTED IN CUSTOM CAST DIFFUSER - EASY TO MAINTAIN AND CHANGE LIKE A STANDARD LIGHT BULB

STRUCTURAL STEEL COLUMN "WEB GRAY" POLYURETHANE

**A1** MATERIAL DETAILS  
Scale: N/A