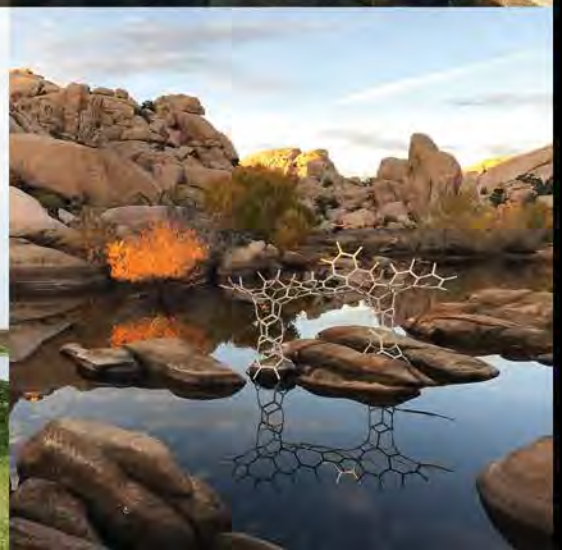








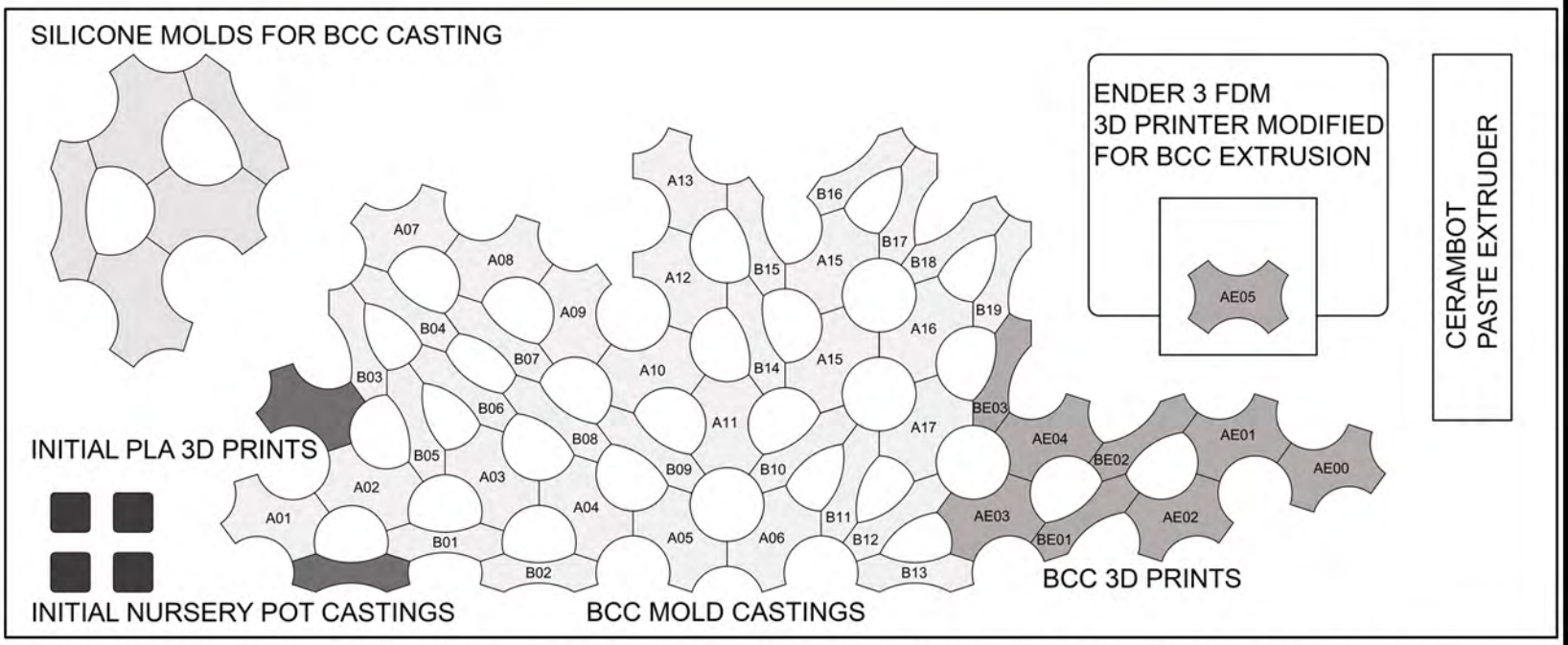


Momentary Installation Series
2017-2019

HDPE irrigation tubing, remanent plastics

Momentary installations while hiking and traveling have become essential to my sculptural practice and how I study different landscapes, watersheds and ecosystems. Through preparing and assembling momentary installations, I've been able to quickly cultivate a flexible geometric language en situ that would not have been possible via sketchbook or CAD.

(from upper left to lower right)
1) American River, Sacramento, CA
2) San Gabriel River, Los Angeles, CA
3) Ocean Baths, Newcastle, Australia
4) Burney Falls, Shasta County, CA
5) Hoi An, Vietnam
6) Lake Tahoe, Nevada
7) Rubber tree grove, Kontum, Vietnam
8) Brannan Island, California Delta
9) Barker Dam, Joshua Tree, CA



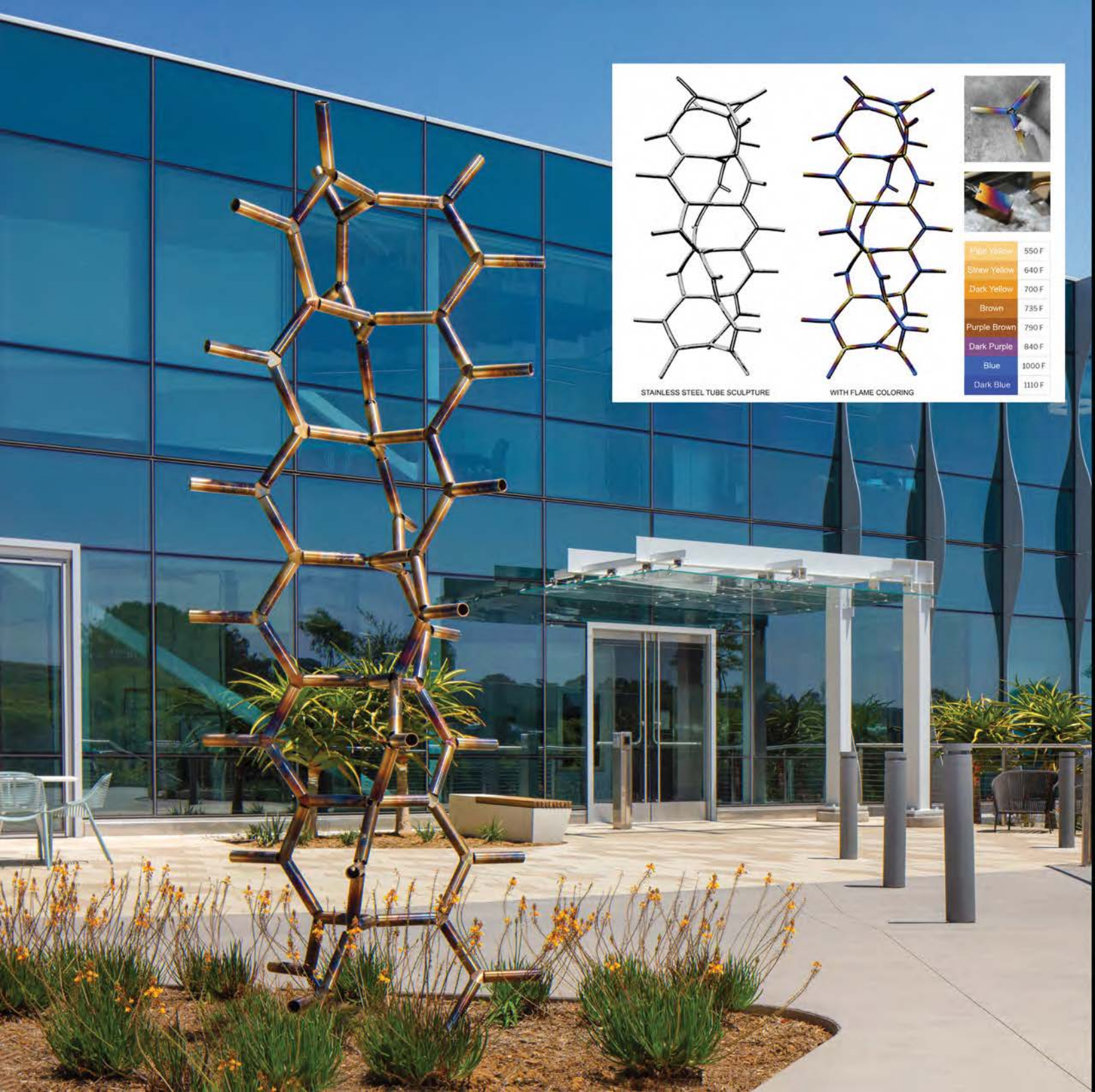
FORMULAS FOR EACH BIOGENIC CEMENT COMPOSITE (BCC) MOLD CASTING & 3D PRINT ARE LISTED IN THE BCC MATERIAL FORMULA MATRIX

Aperiodic Table, May 2021

UC Davis MFA Exhibition 2021

This 'sandbox' exhibit includes prototypical artifacts from ongoing research and development of biogenic cement composites (BCCs), resting on a layer of rice hulls from which they were made. Low-temperature, ecological alternatives to conventional concrete & ceramics like BCCs can 'decarbonize' or reduce the approximately 10% of annual anthropogenic CO_2 emissions coming from concrete and ceramics lifecycles. As global demand accelerates despite material shortages, climate change and other complexities, this exhibit aims to 'recast' conventional material roles and perceptions.

Central to this exhibit is the debut of Aperiodic Table, a bi-modular, reconfigurable sculpture in which each module is made from a different BCC formula. Its geometry is based on Penrose tiling, resembling the aperiodic micro-scale aggregate crystallization patterns which occur in cements. Like the periodic table of elements or community quilt projects, it's a multi-phase, collaborative project which artists/scientists will add new BCCs to and reconfigure over time. Modules are currently cast in silicone molds (see left) or directly extruded via a 3D printer modified with a paste extruder (see right). These different production processes require different BCC formulas and underscore how means of production must also be 'recast' for meaningful material transitions and 'decarbonization' to occur.



LUCA, January 2021

Stainless Steel Tube & Plate
3'-5" x 3'-5" x 9'-9"
Artist: Daniel Tran
Client: Tre Borden/MUSE RMR Group
Location: Science Park Rd San Diego CA

At the forefront of the life sciences, the MUSE Campus and its researchers face many complex challenges and unknowns. LUCA is a site specific metal tube sculpture on MUSE's entry plaza meant to accompany them on their journey. It's named after the biological term: 'LUCA' (Last Universal Common Ancestor) which refers to the prime ancestor of all life forms on Earth.

LUCA abstracts the patterns and tectonics of carbon-based biomolecules. Rather than represent or mimic any particular forms of life, in the spirit of LUCA, its elemental, geometric forms ambiguate distinctions between 'animal, vegetable and mineral' to facilitate more diverse readings and experiences while underscoring our universal origin. The 316 marine grade stainless steel tubes are "flame colored" to produce a multi-color, non-uniform, iridescent finish that explores stainless steel's unique color heat profile, linking the exploration, reactions and transformation that went into the steel with those constantly occurring on the MUSE campus.

While many aspects of life sciences are of deep inspiration to the project, the sculpture is meant to mutually inspire the Muse researchers and serve as a conduit for the underlying spirit of the campus. As their challenges accelerate, as they face tremendous uncertainties in their work, LUCA stands as a reminder of how far we've come and helps reassure that we are on course.

Hydrala, October 2021

HDPE tubing, remnant plastics, transducers, misc. electronics

Artists: Daniel Tran & Nick Sowers

Location: Palo Alto City Hall - Martin Luther King Plaza Code:Art 2 Festival

Client: City of Palo Alto

Hydrala can be thought of as a mental multiple player organ. Audience and players form a singular collective. Visitors will link up via a suspended overhead lattice sculptural mandala inspired by neural networks of the human brain. Visitors are invited to an anti-escape room experience: working together to explore inner space and sounds of one another rather than escape.

We imagine people will have a lot of fun discovering that they are "playing" the sculpture with their friends and with strangers too. A full crowd will create an evolving, swirling orchestra. A single person can also explore the installation on their own, testing each of the musical nodes and discovering what each part does.

The ability to hear others well and be heard well by others is an important aspect of human ecology and mental development that is often overlooked in public/communal spaces and education. Hydrala confronts this concern in hopes of enhancing peoples' hearing and empathic spectrum via a collective framework and exercise.

UpHear!, February 2020

Finalist in Public Art CA Artist Call by Dyson & Womack

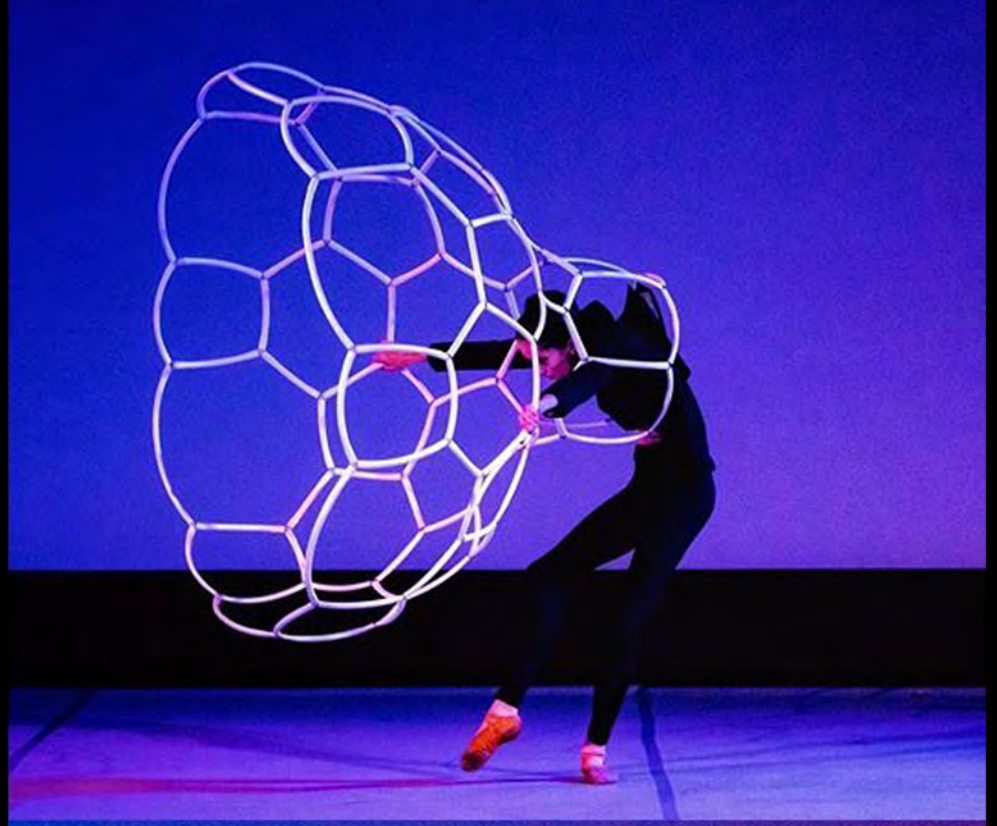
Artists: Daniel Tran & Nick Sowers

Location: California Health & Human Services Agency Headquarters, Sacramento CA

Client: (Prospective) California Health & Human Services Agency, State of Calfornia

Up Hear! encourages visitors to look up and listen as they move through the plaza. As they arrive and depart from CHHS, the sounds and forms together elicit feelings of being in a grotto—finding both individual spaces for self-reflection as well as communal space for making social connections. Via the undulations of the sculpture and participation with the sounds, visitors sense their part in a greater public continuum that extends beyond the building and plaza.

Up Hear! repurposes conduits for water as conduits for sound. In addition to making complex curvature and patterning feasible and durable, the flexibility of irrigation tubing provides optimal acoustics and ambient sound diffusion throughout the canopy. This modular system is based on molecular structures. Like water, the universal, abstract form of molecules allows UpHear! to be interpreted from different vantage points and associated with natural formations such as water splashes, vegetation, flowers, corals, and the human body.



***Billy*, August 2019**

HDPE tubing and remnant plastic

Capital Dance Project
5th Annual Behind The Barre

Ava Chatterson in 'Billy' choreographed by Julia Feldman. An homage to Billy Porter

IEUE, October 2019

HDPE irrigation tubing, remanent plastics, CA Native plants, Steel planter box, automated drip irrgiation system

Private Commission for DPR Construction Sacramento Office. The first mass timber building in Sacramento.

'IEUE' is an acronym of DPR's core beliefs: Integrity, Enjoyment, Uniqueness, Ever-forward.

The sculpture acts as a protective trellis for CA native plants, including California pipevine, Aristolochia californica, the sole host plant for the California Pipevine Swallowtail Butterfly, Battus philnor. Collectively, it is part of a city-wide ecological archipelago of similar sculptures meant to bolster local butterfly populations and make deeper connections to nature more accessible & inspiring for all Sacramentans.

While providing ecological habitat and demonstrating DPR's core beliefs, IEUE is also meant to convey DPR's commitment to water conservation and "specialization in highly complex and sustainable projects".

DPR staff & visitors can expect to see caterpillars, cocoons, butterflies and other pollinators in the park once the California pipevine & other plants have matured and enveloped the sculpture.

Photo above taken 2020

Photo below taken 2019

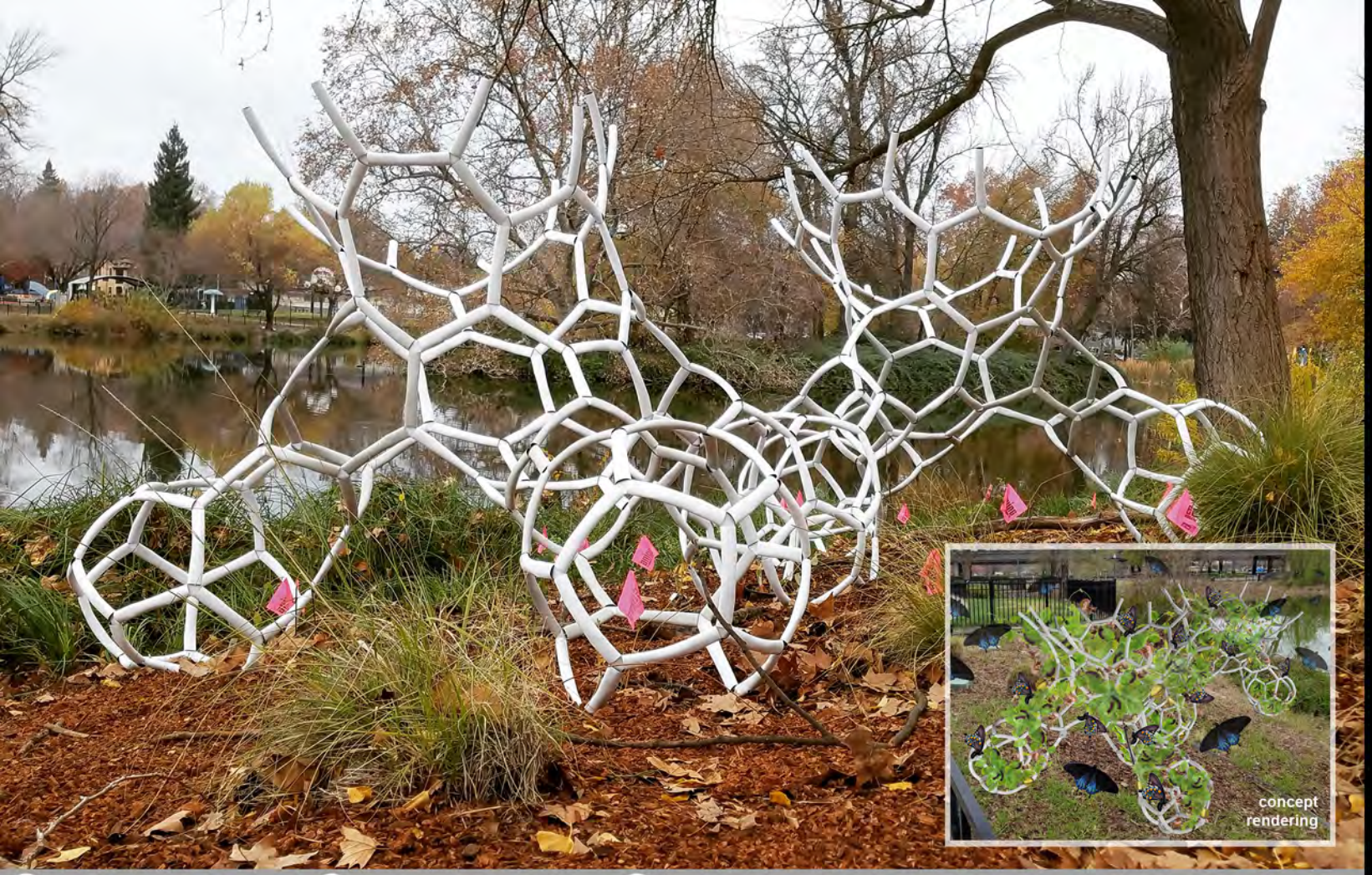
Kaleidoscope A, December 2018

irrigation tubing, remanent plastics, California Native plants

With support from The City of Sacramento Mayor's Office Creative Economy Grant

Kaleidoscope A is a butterfly sanctuary + sculpture. Individually, the sculpture acts as a protective trellis for California pipevine, Aristolochia californica, the sole host plant for the California Pipevine Swallowtail Butterfly, Battus philnor. Collectively, it is part of a city-wide ecological archipelago of similar sculptures meant to bolster local butterfly populations and make deeper connections to nature more accessible & inspiring for all Sacramentans.

'Kaleidoscope' is the collective noun for a group of butterflies and also refers to the collective efforts of the community, arts & ecology in the project. Southside Park visitors can expect to see caterpillars, cocoons, butterflies and other pollinators in the park once the California pipevine & other plants have matured and enveloped the sculpture.



1 Butterflies find pipevine plant

2 Eggs laid in clutches of 5 to 30

3 Eggs hatch in 7 to 10 days

4 Caterpillars grow (5 stages)

5 Caterpillars form chrysalis

6 Emerge weeks (or years) later

Kaleidoscope S, December 2018

HDPE irrigation tubing, remanent plastics, CA Native Plants

In June 2018, with support form Carrie Sage and Paul Miller, Sierra 2 Center commissioned Kaleidoscope S: a butterfly sanctuary + sculpture. Individually, the sculpture acts as a protective trellis for California pipevine, Aristolochia californica, the sole host plant for the Cali fornia Pipevine Swallowtail Butterfly, Battus philenor. Collectively, it is part of a city-wide ecological archipelago of similar sculptures meant to bolster local butterfly populations and make deeper connections to nature more accessible & inspiring for all Sacramentans.

'Kaleidoscope' is the collective term for a group of butterflies and also refers to the collective efforts of the coomunity, arts & ecology in the project. Sierra 2 Center visitors can expect to see caterpillars, cocoons, butterflies and other pollinators in the courtyard once the California pipevine & other plants have matured and enveloped the sculpture.

Kaleidoscope K, March 2018

HDPE irrigation tubing, remnant plastics, CA Native plants and seeds

Client: McKinley Park Rose Garden/ Friends of East Sacramento

Kaliedoscope K is a butterfly sanctuary + sculpture. Individually, the sculpture acts as a protective trellis for CA native plants, including California Pipevine, *Aristolochia californica* which is the sole host plant for the Califonria Pipevine Swallowtail Butterfly, *Battus Philenor.*

Photo above taken 2022

Photo below taken 2018

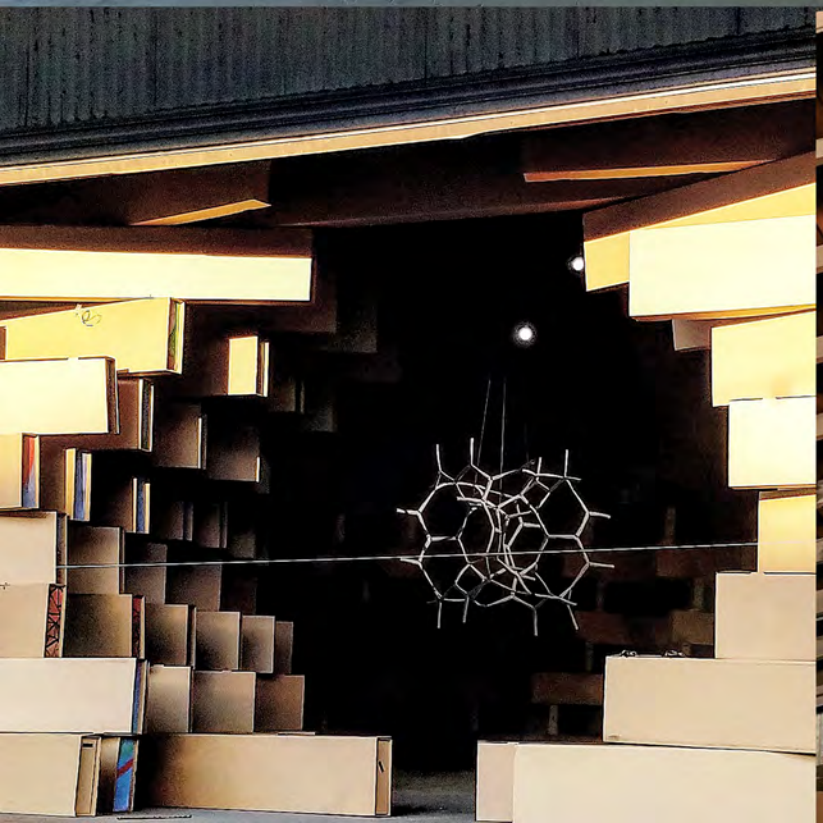
Aym Meolriam, May 2018

Laser Etching on Mirrored Acrylic, LED Rope Light activated by Microcontroller & Sensor

Temporary art installation for Sacramento Mayor's Office later featured at Light.wav Sacramento Tech Art Showcase, now on display at HackerLab

Etched in the format of the California DMV Vision Test on the backside of a two-way mirror are the names of Dazion Flenaugh, Joseph Mann, Jason King, Lorenzo Cruz, Adriene Ludd, Desmond Phillips, Ryan Ellis, Mikel McIntyre, and Stephon Clark, anagrammatized and punctuated with twenty holes laser-cut through the two-way mirror. As a viewer moves closer to the two-way mirror, they activate a sensor, causing the light behind the two-way mirror to brighten as they move closer. This light then amplifies an infinite reflection created between the two-way mirror and secondary mirror behind it.

Aym Meolriam, an anagram of 'May Memorial', was originally installed in the Mayor's Office of Sacramento (05/01/2018-06/01/2018) as part of a local monthly artist series. The intent was to create a space for viewers' interpretation, self-reflection, calibration & memorial in the very place where our city's most "seemingly intractable problems" are confronted and serious decisions are made.



***Eclipse*, August 2017**

HDPE tubing and remnant plastic

Temporary installation for SHIFT Pavilion made possible with support by Wide Open Walls Mural Festival - Sacramento (@wideopenwalls916_)

Working in collaboration SHIFT pavilion architects: Ginger Thompson & Jason Silva, Eclipse was assembled onsite in anticipation for the 2017 Sacramento Mural Festival and the 2017.08.21 Total Solar Eclipse.

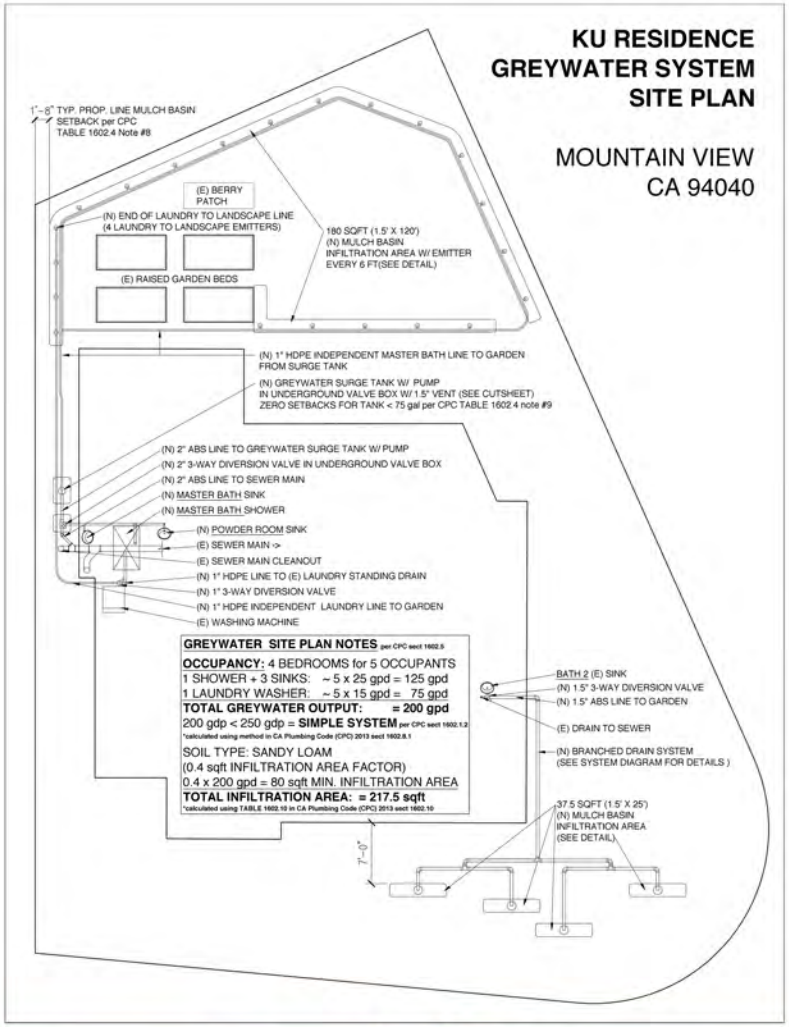
Urban Runoff, Feb 2017

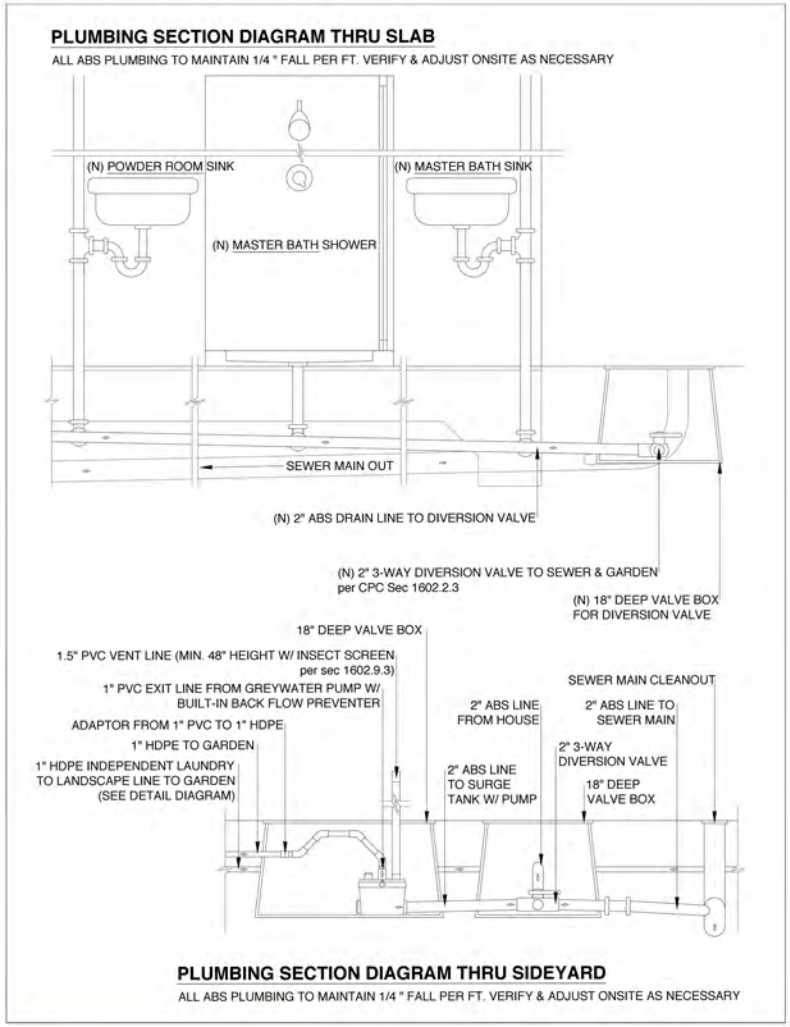
HDPE tubing & remnant plastic

Temporary art installations at ArtSreet, Sacramento, CA

The Street is home to all kinds of symbols. In the time between ArtHotel and ArtStreet, Sacramento's two most anticipated and culturally charged icons, the Golden One Center and ColoringBook, have emerged to redefine the street and the city. In response to controversies and concerns surrounding their realization, Mayor Kevin Johnson stated that: "As a nation, we can use art, and our feeling about it, to engage in debate and discussion."

These installations, entitled Dial & Carousel, seek to repurpose their symbolism and divert their audiences toward a new channel of civic discussion in a large temporary sculptural and ground mural exhibit at ArtStreet entitled Urban Runoff. While Golden One Center and Coloring Book may be considered catalysts for economic development, urban renewal and public art, these installations will reinterpret and reposition them as catalysts and vessels for new thought on drought and climate resilience. In occupying and exploring the installations, ArtStreet goers will have a new public art context to examine and re-imagine the everevolving relationship between the street and the rain and urban runoff.





Ku Residence Greywater System, Aug 2015

Greywater Diversion + Irrigation System, fully permitted by the City of Mountain View

Commissioned during our last major drought, this system is one of over 2 dozen greywater systems I've designed + installed throughout California since 2008. Still fully operational, it enables the Ku family to divert greywater from their laundry machine, shower & sinks directly into their garden with the option of toggling discharge back & forth between sewer & garden per the California Plumbing Code requirements.