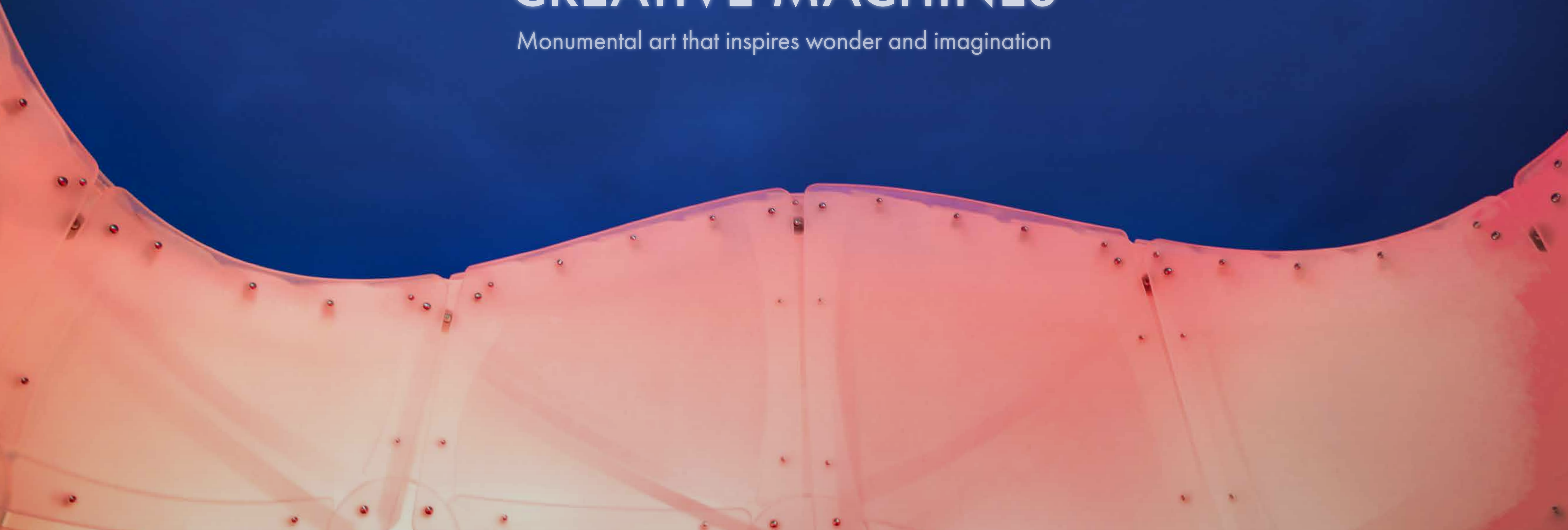


JOSEPH O'CONNELL + CREATIVE MACHINES

Monumental art that inspires wonder and imagination



**JOSEPH
O'CONNELL**



**CREATIVE
MACHINES**



ABOUT

Joseph O'Connell is an international artist using light and motion to explore the evolving relationship between self, society and the cosmos.

Based in Tucson, Arizona, Joseph O'Connell founded his studio, Creative Machines in 1995 to support his creative practice. A diverse team with backgrounds in art, engineering, architecture, and custom fabrication assist him in realizing his award-winning artwork.

O'Connell's site-specific sculptures have been commissioned all over the world. Throughout his career, he has collaborated with other artists and designers (including Anneliese Bruner, Ashwaq Abdulla, Nina Borgia Aberle and Blessing Hancock) on specific projects to co-develop concepts for artwork, melding his interests in science and perception with other perspectives.

ARTIST STATEMENT

Joseph O'Connell approaches art as a venue for exploring and expanding what it means to be human. Some of his pieces stand as individual actors: mechanical beings sharing our world with their own unique model of existence. Other works form small spaces that surround: uneasy but protected environments that grant us permission to lower our defenses and witness our own true ways of being. Projected light and human-powered motion blur the boundaries between viewer, artwork, and environment, further allowing a temporary suspension of reality and moments of internal reflection. Using beauty to disarm, these works co-opt their larger site framings into stages for moral, emotional, and intellectual self-reflection.

CREATIVE MACHINES

Joseph O'Connell founded his studio, Creative Machines, in 1995. Creative Machines develops the detail design, interactive technology, bespoke lighting, and singular fabrication techniques which are the signatures of his art.

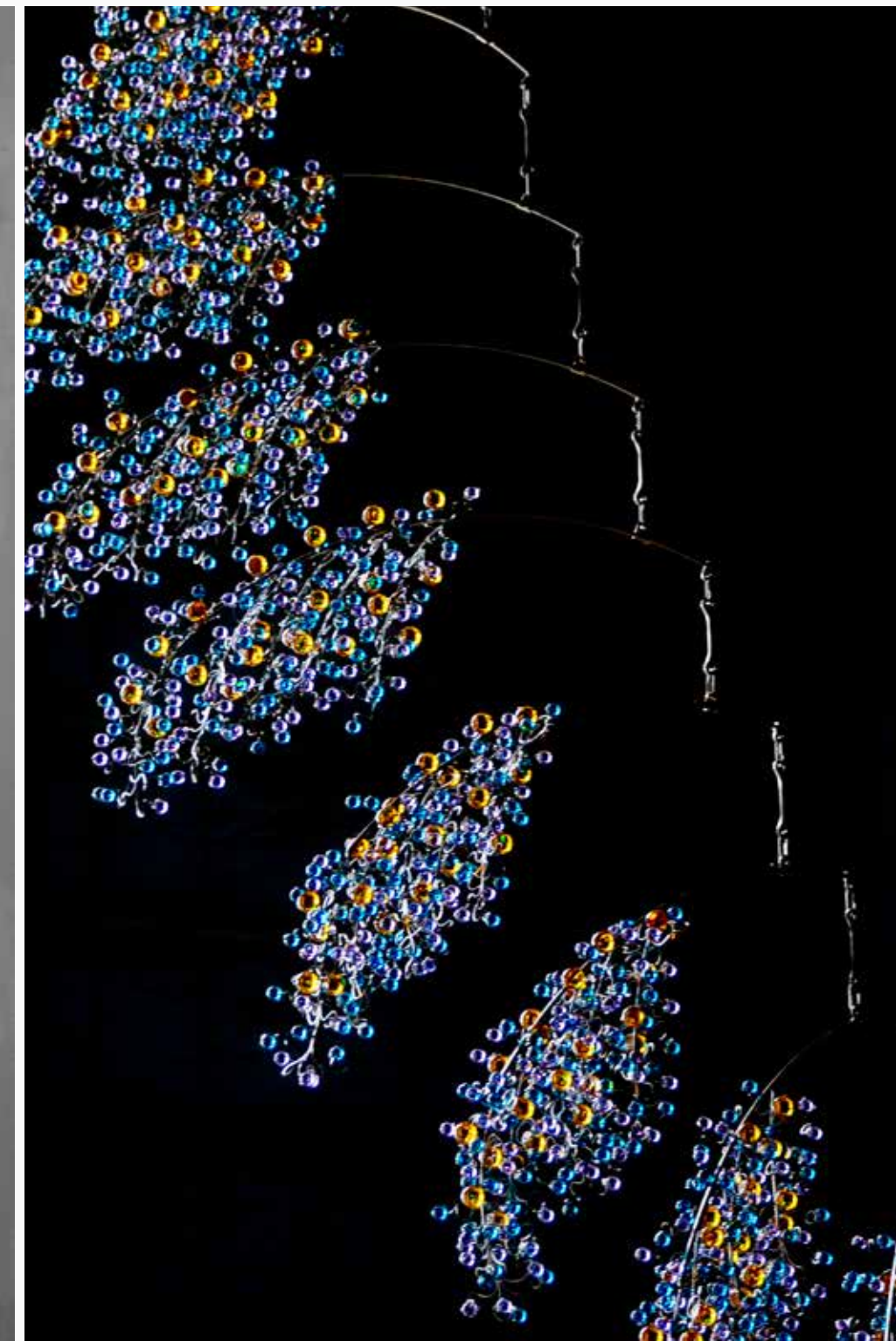
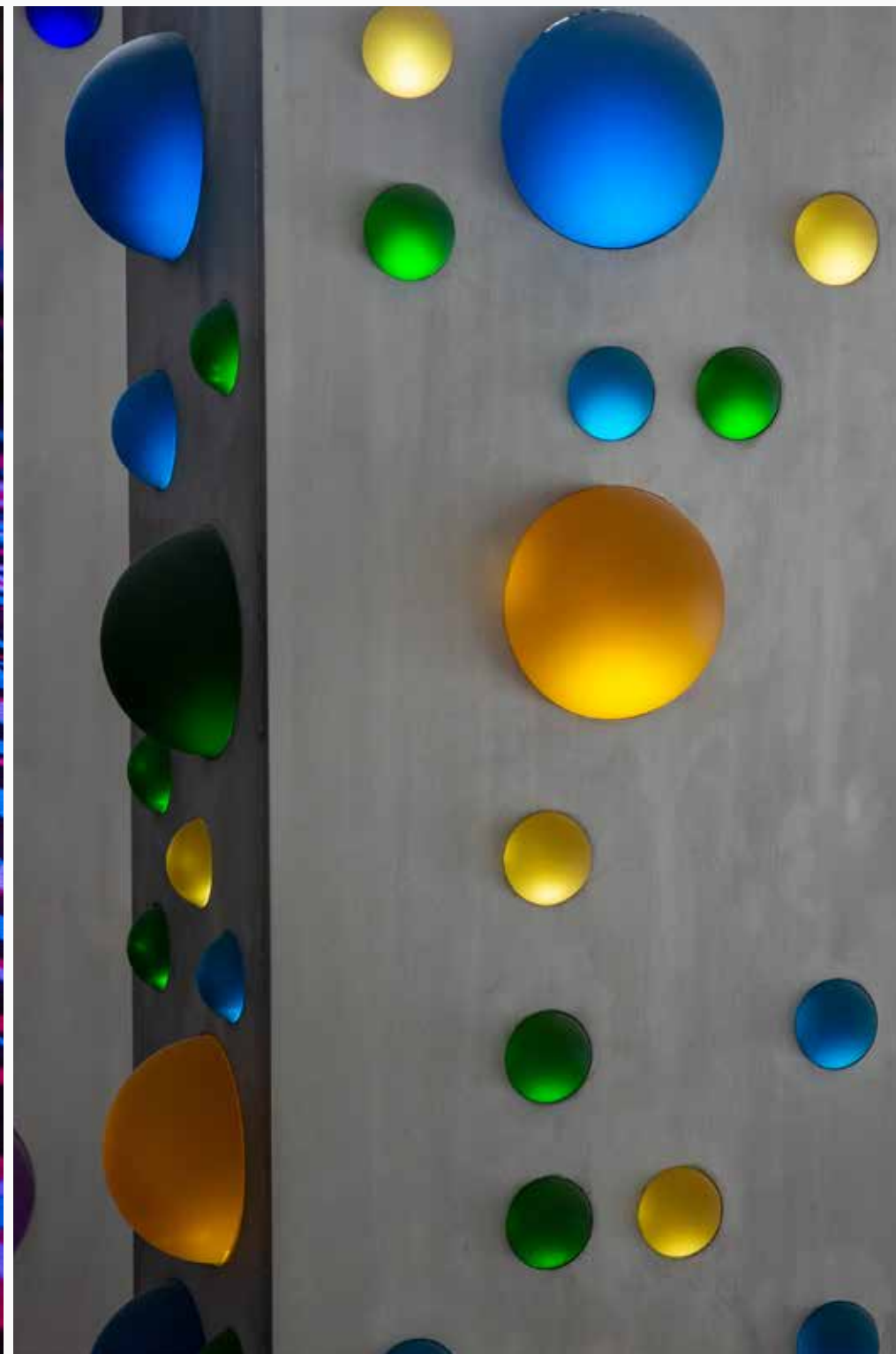
Creative Machines is a multi-disciplinary design and fabrication studio that includes 35 unique individuals with backgrounds in art, engineering, design, architecture, project management, fabrication, and installation. The 77,000 square foot shop in Tucson, Arizona is devoted entirely to pushing the boundaries of art making through comprehensive design, prototyping and fabrication. Smart, inquisitive people and extensive capabilities in electronics, CNC machining and 3D forming give us the ability to explore pioneering materials and processes.

Creative Machines has created and installed public art and other site-specific sculpture for clients throughout the world. Because they take projects from start to finish, they can prototype ideas extensively during the design process and can respond quickly to whatever obstacles and opportunities arise during fabrication. With comprehensive resources under one roof, they extend a consistency of vision to all aspects of a project. Creative Machines has considerable experience working with architects and design teams on projects that range in interactive and public art budgets from \$80,000 to \$5,600,000. In nearly all public art projects, they have coordinated with city agencies, architects, engineers, and consultants to incorporate artwork into new or existing infrastructure.



SCULPTURAL ARTWORK

LIGHT BASED / INTERACTIVE / KINETIC



CHROMANOVA

DATE	2023
LOCATION	Studio
DIMENSIONS	22" H x 23" W x 22" D
MEDIA	Brass, dichroic acrylic
CLIENT	Prototype for monumental public piece





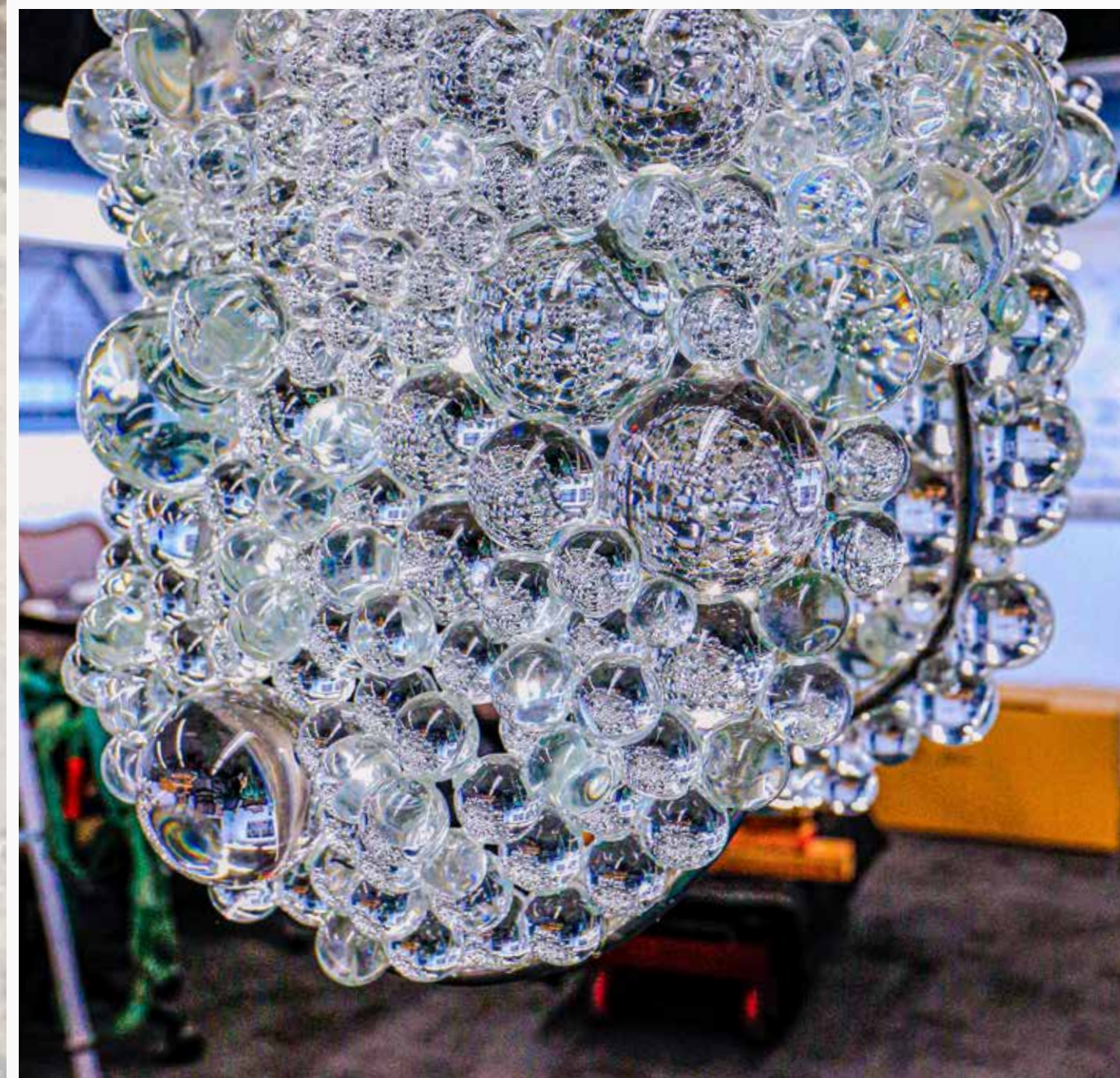
Chromanova is a working prototype of a monumental artwork that tells time through changing colors. It is part of my series of pieces designed to immerse people in richly colorful environments that orient them to forces larger than themselves.



MULTIPLE SELVES

DATE 2023
LOCATION Studio
DIMENSIONS 23" H x 17" W x 21" D
MEDIA Ground and polished glass, adhesive





I make art to explore ideas and discover new experiences. Most of the art I make is interactive, which means that I often discover the full meaning of an artwork only when other people experience it. For years I've been thinking about the self as a society of voices that we pull into a coherent personality on an ongoing basis that sometimes coheres beautifully and sometimes unravels.

I had been experimenting with glass spheres used for recent projects and sometimes I would hold one up to my eye and see the world inverted and distorted. Then I'd hold up two spheres next to each other. What would it feel like to be inside a mask made from hundreds of these spheres? What would I look like from the outside?

The experience is beautiful but also slightly terrifying. Inside the mask, the participant is surrounded by hundreds of glass spheres that function as fisheye lenses, each with a slightly different view outward. The viewer inside the mask sees different aspects of the world depending upon which direction they look. They also see multiple reflections and the overlap of images from the different directions.

Onlookers outside the mask see through these lenses in the opposite direction, seeing different aspects of the person wearing the mask depending on the angle from which they look inward.

FOTOGALERIE
WIEN
WIEN

JOSEPH O'CONNELL

1942, Dublin, Ireland

"There are two ways of spreading light: to be the candle or the mirror that reflects it." (Joseph O'Connell)

O'Connell's artistic journey began with light-based, conceptual and interactive art. His career has been marked by a focus on large-scale installations in the public domain.

Through innovative and optical techniques, the artist creates a sense of wonder and transformation, the result of perception is used to create a new reality. He is known for his exceptional use of light and color to create a sense of wonder and transformation.

O'Connell's work has been exhibited in numerous galleries and museums around the world, including the Museum of Modern Art, the Tate Modern, and the Victoria and Albert Museum.



MAVERICK SPIRIT

DATE	2023
LOCATION	Kohler Co. Global Headquarters, Kohler, Wisconsin
DIMENSIONS	26' H x 8' W x 8' D
MEDIA	Stainless Steel, Motor Drive, Bearing and Cam System, Control Electronics
CLIENT	Kohler Co.
BUDGET	\$1,440,000

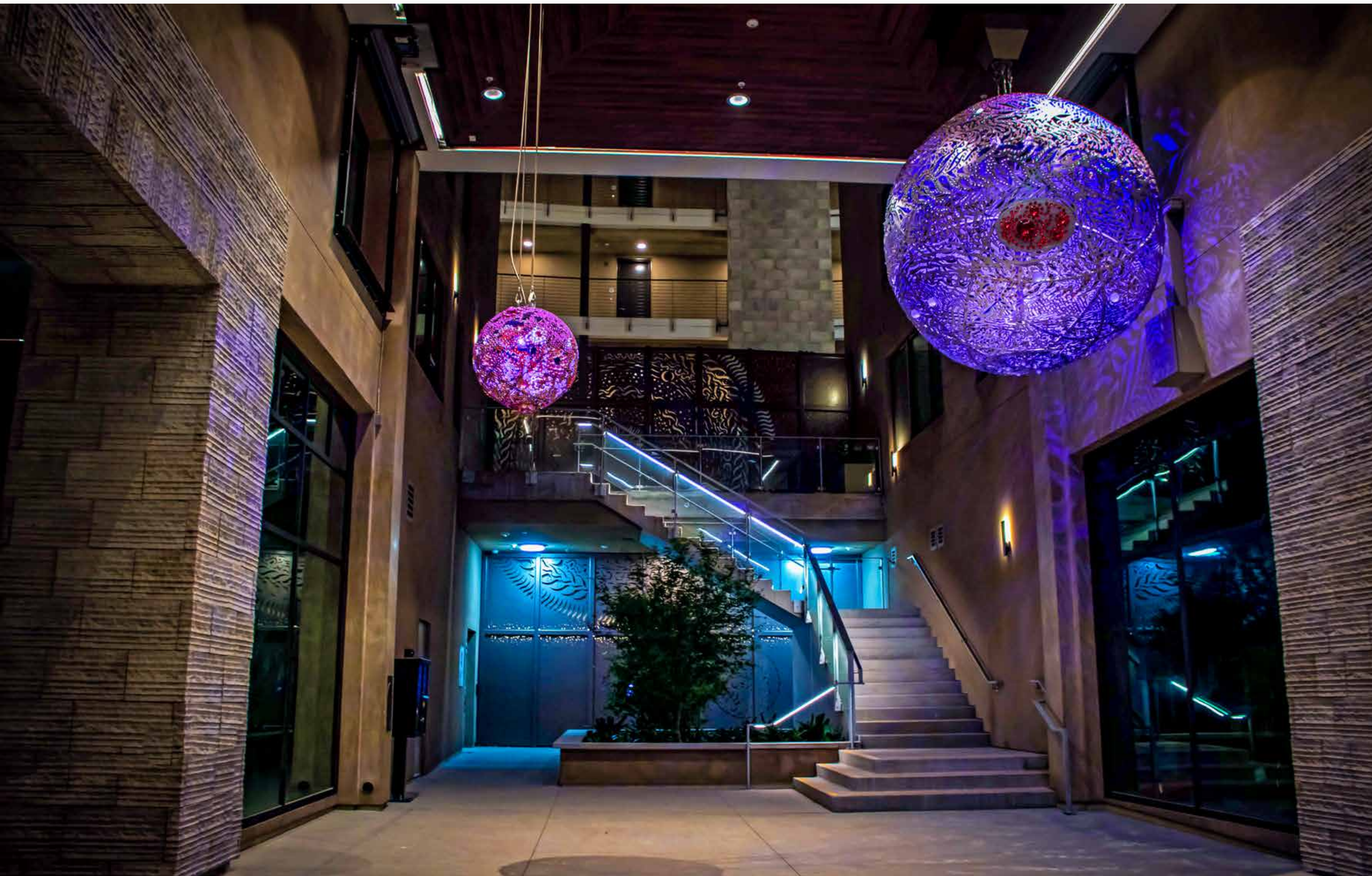
*Collaboration with Mary Reid.





Maverick Spirit is a monumental kinetic sculpture commissioned by Kohler Co. to honor the legacy of Herbert V. Kohler Jr. The sculpture stands 26 feet high and operates 24 hours a day, 7 days a week. Fashioned from durable stainless steel using a novel laser welding process and measuring 8 feet in diameter, this colossal masterpiece is the result of extensive prototyping, new fabrication processes and rigorous testing - ensuring not only its aesthetic grandeur but also its flawless functionality. The one-of-a-kind moving sculpture is a creative and technical marvel composed of 61 stainless steel blades, each representing one year of the late executive chairman's service to the company. The sculpture creates and dissolves a perfect helix, opening and closing in an awe-inspiring design that suggests the tension between order and randomness, surrounded by more than 1.5 miles of trails and boardwalks.



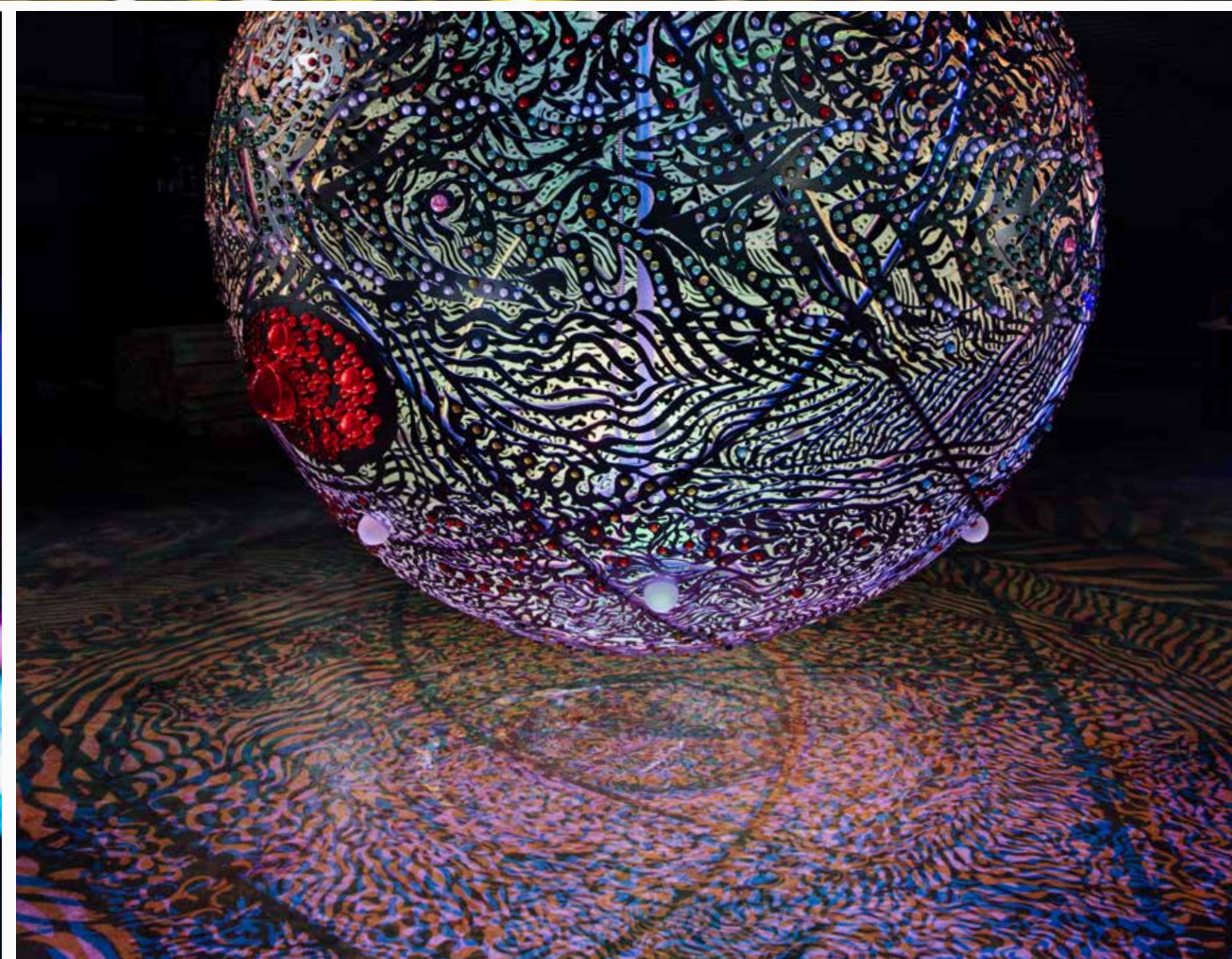


CLOSE APPROACH

DATE	2023
LOCATION	MW Lofts, Pasadena, CA
DIMENSIONS	Jupiter 96" in diameter, Io 30" in diameter
MEDIA	Stainless steel, glass spheres, electronics
CLIENT	DC Walnut Holdings



These sculptures of Jupiter and Io are a tribute to the Voyager mission and the culture of the 1970s that launched it. The spot where you are standing lies on a line directly connecting Caltech and the Jet Propulsion Laboratory, the institutions that designed and managed the mission. In 1977, Voyager I and II launched on missions of “close approach” to Jupiter, Saturn, Uranus, Neptune and many of these planets’ moons. The Voyager mission had a cultural significance that went beyond scientific discovery. Some of the scientists on the project thought that it might be the last best thing that humanity would leave behind. It is likely that the Voyager spacecraft will continue traveling towards other stars for billions of years beyond the lifespan of our own earth, perhaps the only remnant of humanity. The Gold Record that included music and greetings from all over the world captured the public’s imagination. It was one of the first ‘world music’ compilations and remains interesting to this day.







SUPERBLOOM

DATE	2023
LOCATION	Triangle Park, Lancaster, CA
DIMENSIONS	10 blooms, ranging in height from 18' - 20'8"; ranging in width from 5' - 9'5"
MEDIA	Stainless steel, steel, aluminum, KodaXT
CLIENT	City of Lancaster, CA





Superbloom! is a captivating public art piece that combines the vibrant colors of the wildflowers found in Lancaster's desert landscapes with the city's renowned aerospace industry. Inspired by the resilience, healing, and growth of both our natural environment and our own human population, this art installation celebrates the spectacle of wildflower blooms, known as 'superblooms,' that occasionally grace the region. The art piece features a collection of brilliant-colored disks, carefully arranged on sturdy aluminum stalks held together with bolts and rivets reminiscent of the aerospace industry. The varying heights of the disks symbolize not only the organic growth of wildflowers but also the continuous progress and development of the community. "Superbloom!" serves as a visual reminder of the coexistence between nature's beauty and human ingenuity, inviting viewers to reflect on what a superbloom in the human realm would look like.

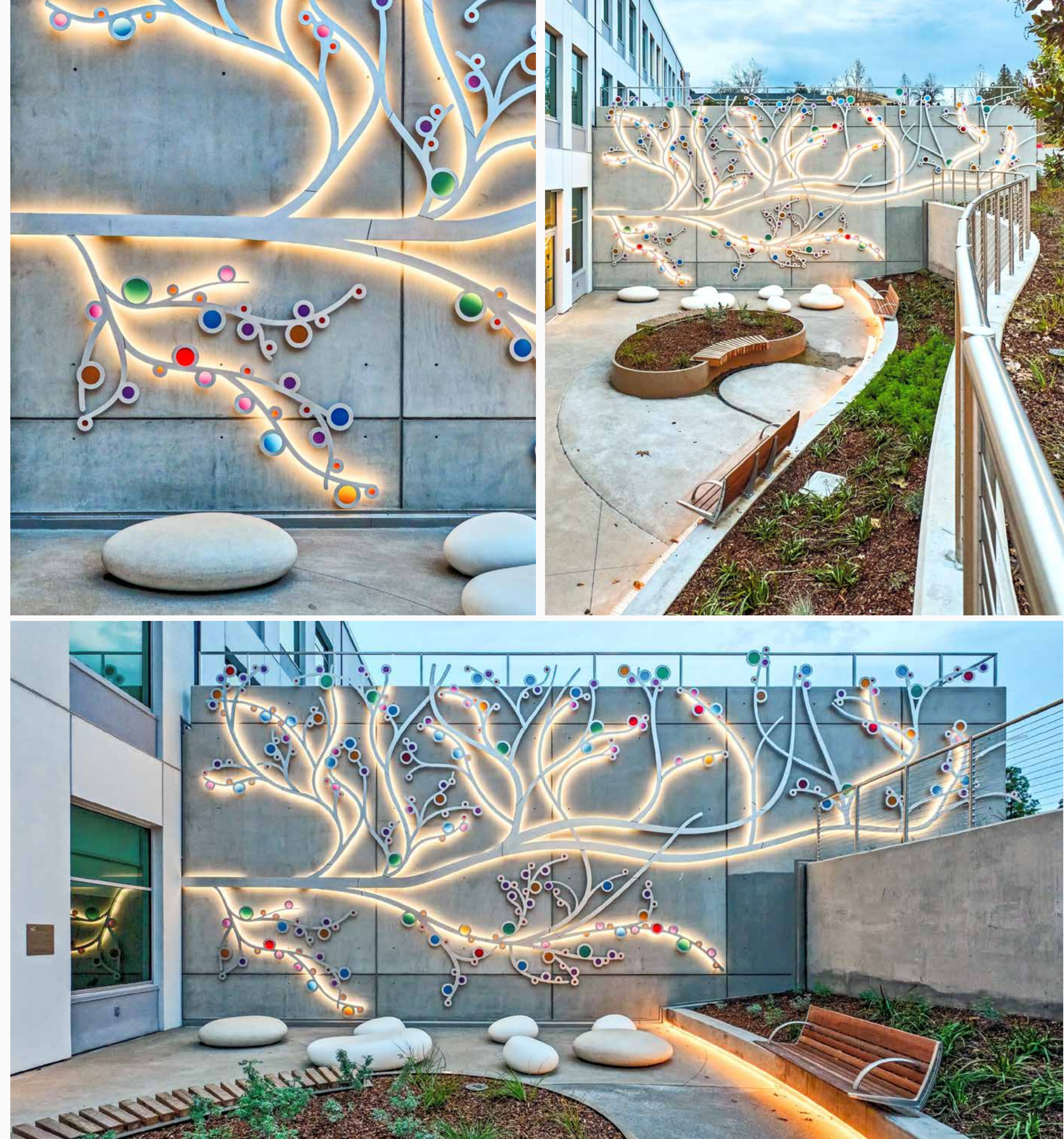


UPLIFTING TOGETHER

DATE 2023
LOCATION John Muir Health Medical Center, Walnut
Creek, CA
DIMENSIONS 46'8" L x 21'6" H x 2.5" D
MEDIA Aluminum, Polycarbonate (Koda XT), LEDs
CLIENT Andrew Schwartz Gallery



Uplifting Together is inspired by the intricacies of the human nervous and circulatory systems and the figures of local plant life. The branches, though slightly awkward in their form, ascend upwards with determination, symbolizing the inherent beauty in imperfections. This delicate ascent reminds us that even in our moments of awkwardness and imperfection, we possess the ability to rise and uplift each other, finding strength together. As a focal point of the Meditation Garden, *Uplifting Together* conveys the idea of collectively raising spirits, supporting one another, and fostering a positive, uplifting environment. At night, the artwork glows with a soft intensity, evoking the vibrancy of the natural and human world even in the darkest hours. Visitors can rediscover the nuanced beauty of the artwork as each viewing reveals new layers of its inspiring message.







FIND JOY

DATE	2022
LOCATION	Kendall Square Roof Garden, Cambridge, MA
DIMENSIONS	Joy 13'3" L x 7' 11" W x 11'5"H x 13'3" Large Heart 15' 2" L x 10' 8" H Small Heart 12' 1" L x 9' 2" H
MEDIA	Steel, LED Lights
CLIENT	Boston Properties



Find Joy is an artpiece for sitting, climbing, and putting yourself at the center of a sculpture. From many directions, the tubes look like random squiggles, but if you walk around, you'll see the word Joy jump out at you and find two concentric hearts to stand within. In life as well as art, you can find love and joy by aligning yourself to what is already there around you. The three components of Find Joy are covered with animated LEDs. The LEDs are wet-location rated with custom fixtures designed to be serviced without getting into the sculptures. The sculptures are mild steel with a four-layer urethane coating that resists solar heat gain. This let's people climb comfortably during daytime.



THE WET WHEEL

DATE	2022
LOCATION	Downtown Links, Maclovio Barraza Parkway, Tucson, AZ
DIMENSIONS	17' W x 14' H
MEDIA	Stainless Steel, Recycled tires, Sensor, valves,Water
CLIENT	Tucson Pima Arts Council

We often say "our art is not complete until people have added themselves to it." With the Wet Wheel, that addition is unique and personal. When a rider or pedestrian enters the sculpture, they become the "hub" of the wheel, and tiny jets of water take the place of spokes. That's right: the rider or pedestrian gets a short squirt of clean water from all directions.

The sculpture is a giant bicycle wheel on a walking/cycling path along the new Maclovio Barraza Parkway in downtown Tucson. The spokes of the wheel appear to be absent but when a cyclist rides through, water jets appear in the place of spokes and give the rider a quick burst of water. The water jets form a precise spoke pattern, and can be triggered by pedestrians also.

The concept for this sculpture came to our lead artist and founder, Joseph O'Connell, 12 years ago, after a bike ride from his home to our studio. "When I'd make that ride in the summer, I'd start in my outdoor shower so I was soaking wet, but by the halfway point, I was always dry and hot again. How wonderful, I thought, if there could be an opportunity to get squirted on hot days for riders who choose that." That's exactly how it started – a purely selfish thought. Subsequent research showed that this location is far from splash pads and other opportunities to cool off. Joseph showed the idea to his six year old son and he immediately got it. When we presented the concept to the selection committee and City officials they had the courage and humor to allow the project to go forward.





THROUGH OTHER EYES

DATE 2022
LOCATION Lawrence Police Department
Headquarters, Lawrence, KS
DIMENSIONS 15'3" L x 18'7.5" H
MEDIA Steel, LED Lighting, Glass spheres
CLIENT City of Lawrence, KS





Through Other Eyes is a sculptural pavilion that invites visitors to see through the eyes of other people. Ten sets of eyes, drawn from a diverse group of area residents, are rendered in colored glass and encircle the top of a small stainless steel pavilion. The eyes are abstracted and represented as an array of lens-like colored glass pieces, each of which passes color. The larger pieces invert the view through them. Together the ten sets of eyes capture the inner life of a range of people with different life experiences and at different points in their lives. The pavilion they watch over is intended to be an inviting place for people to meet each other, hold a small yoga class, or stretch before a walk. A suspended light fixture projects an abstract pattern of an iris onto the ground at night.

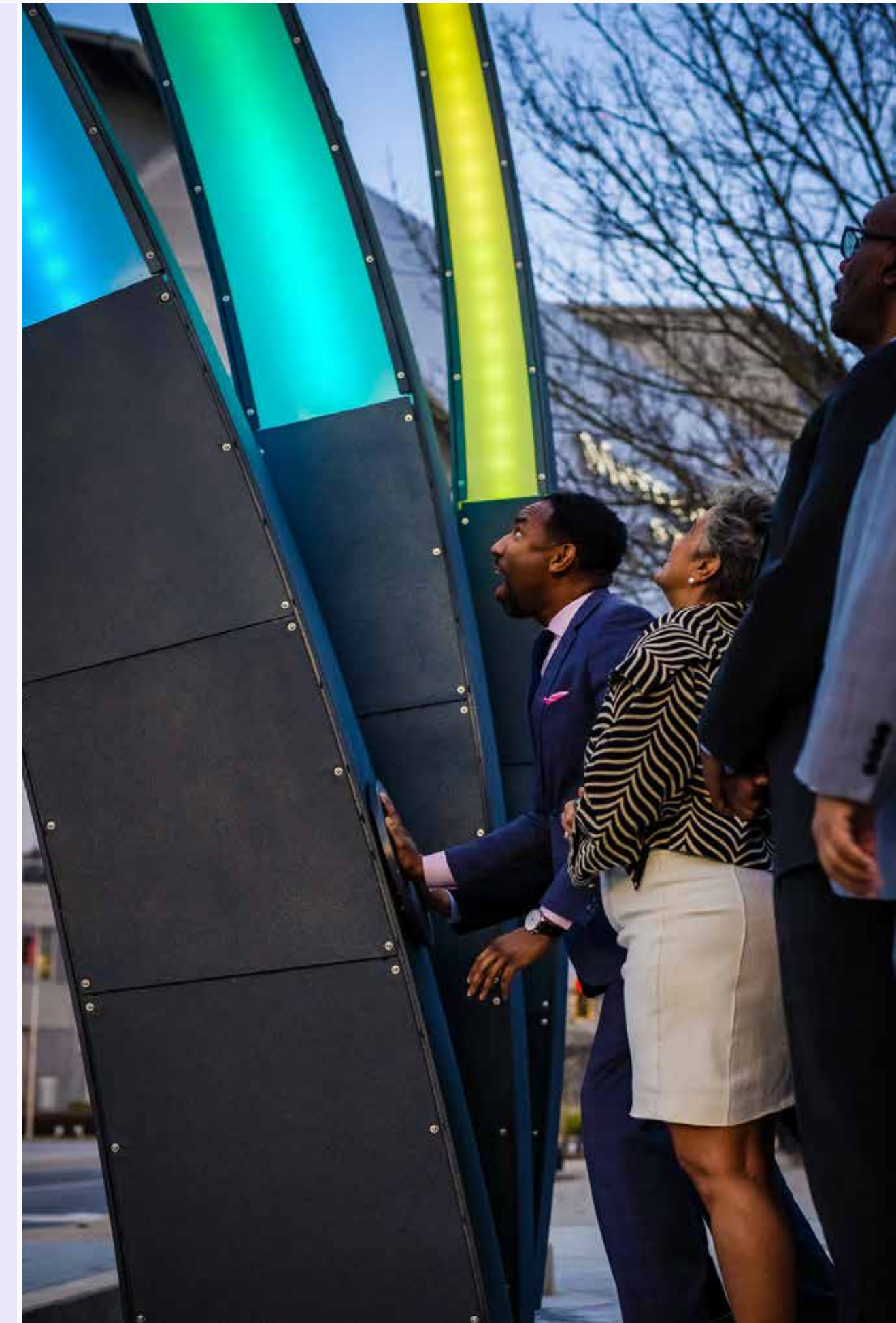




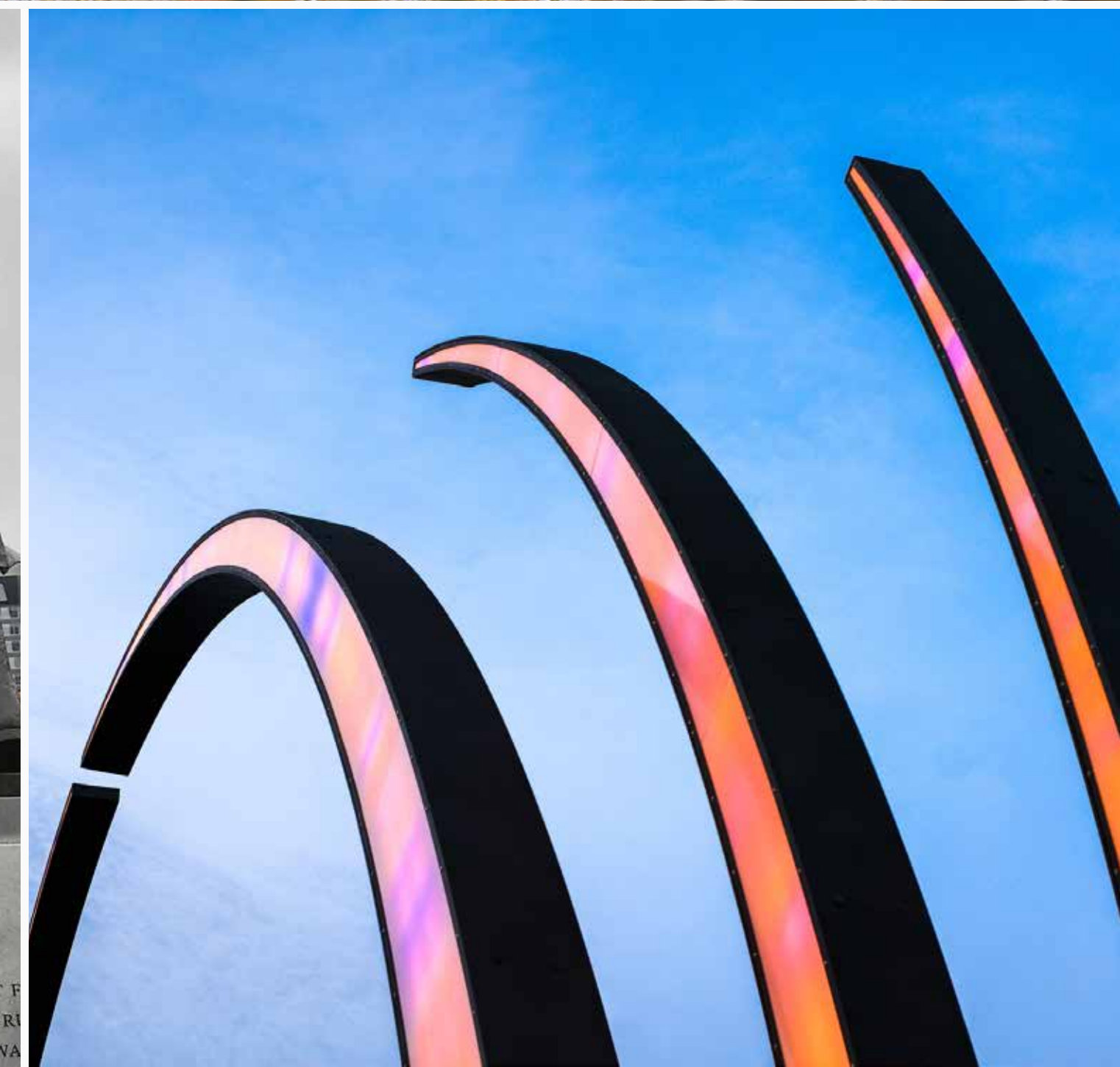
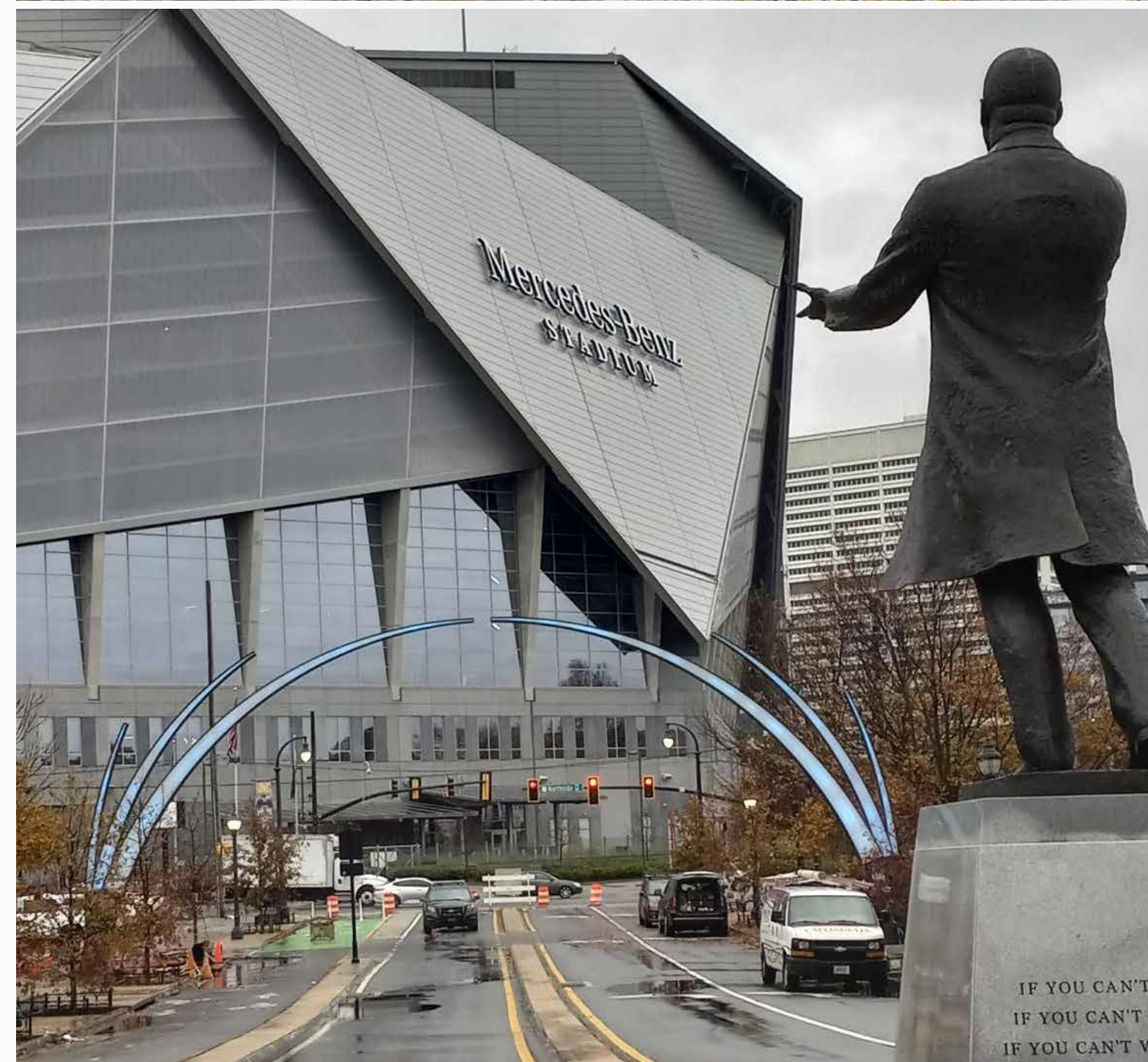


BENDS TOWARD JUSTICE

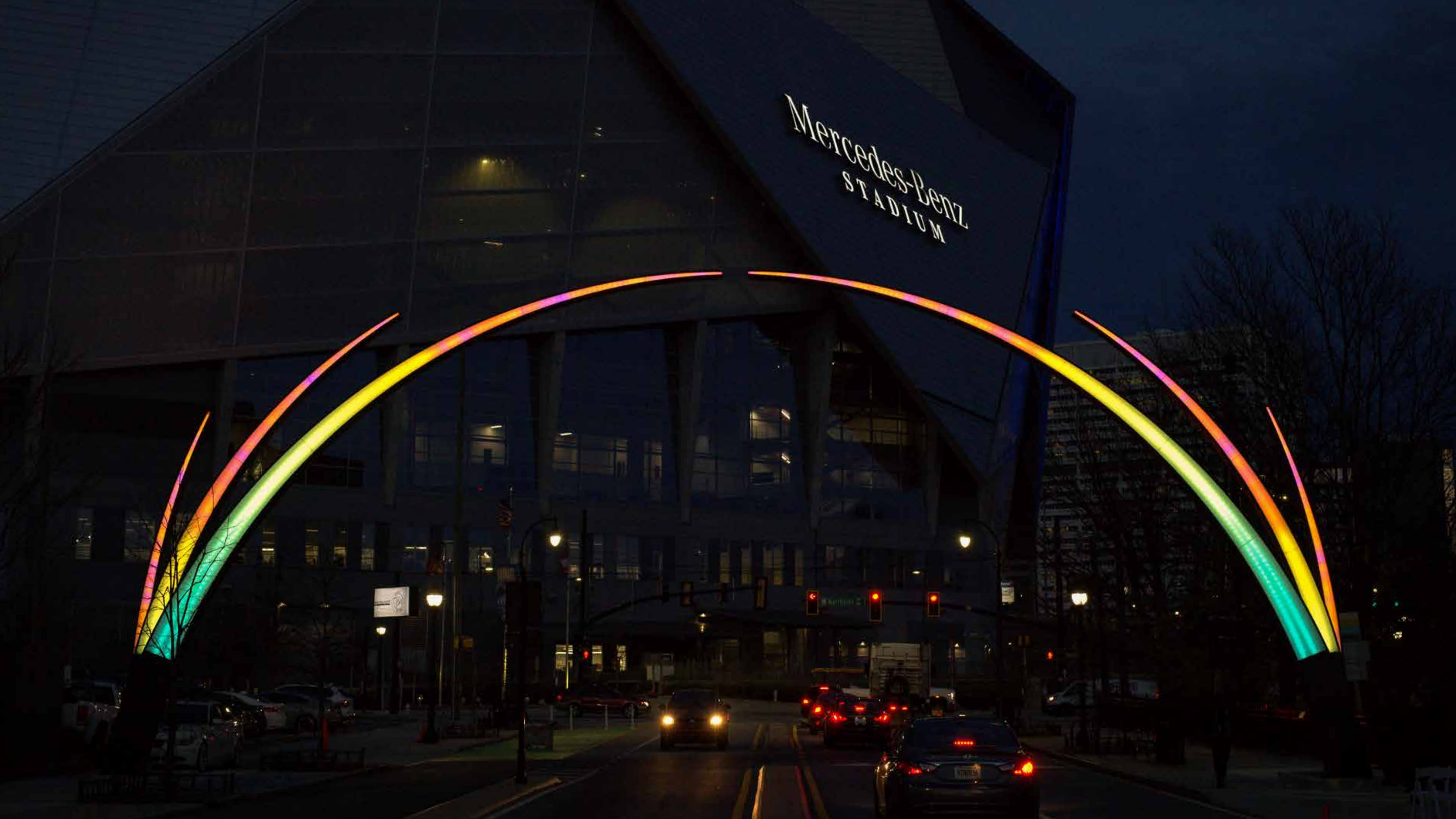
DATE	2022
LOCATION	MLK Jr. Drive, Atlanta, GA
DIMENSIONS	80' W x 32' H
MEDIA	Steel i-beams, LED lighting, polycarbonate, Line-x coating
CLIENT	City of Atlanta



The six arches of this gateway suggest a time-lapse sequence moving towards perfect closure (justice). Each side of the street features three arcs that get closer until they almost meet over the center of Martin Luther King Junior Drive. At the base of the largest arc on each side are handprints with pressure sensors inviting people to lean in and push. As people press, they control the lighting in the arcs, making it visible from a great distance. We expect people to pose and post photos of themselves doing their part to push the arcs towards justice.



Mercedes-Benz
STADIUM



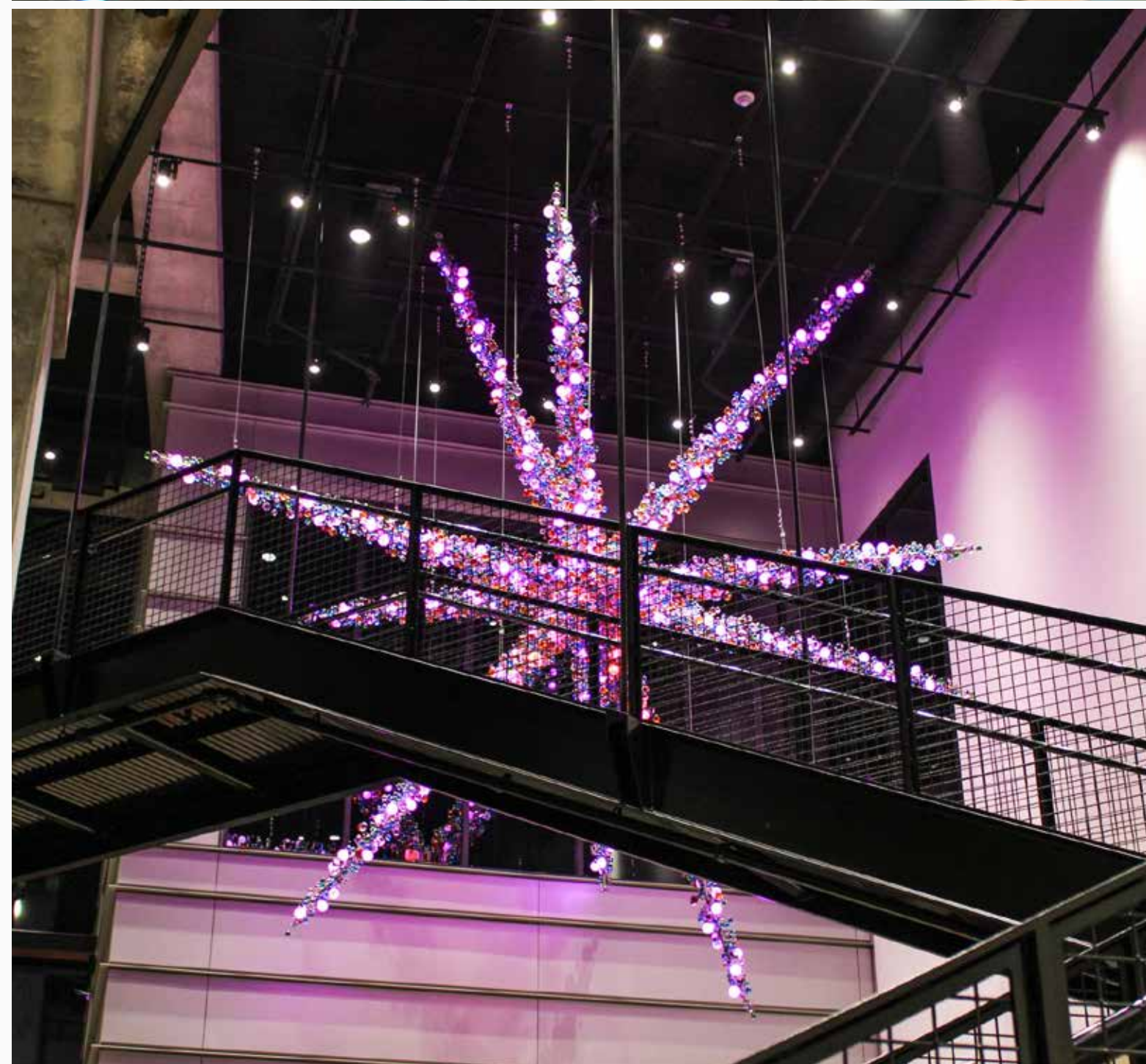


POWER OF POP

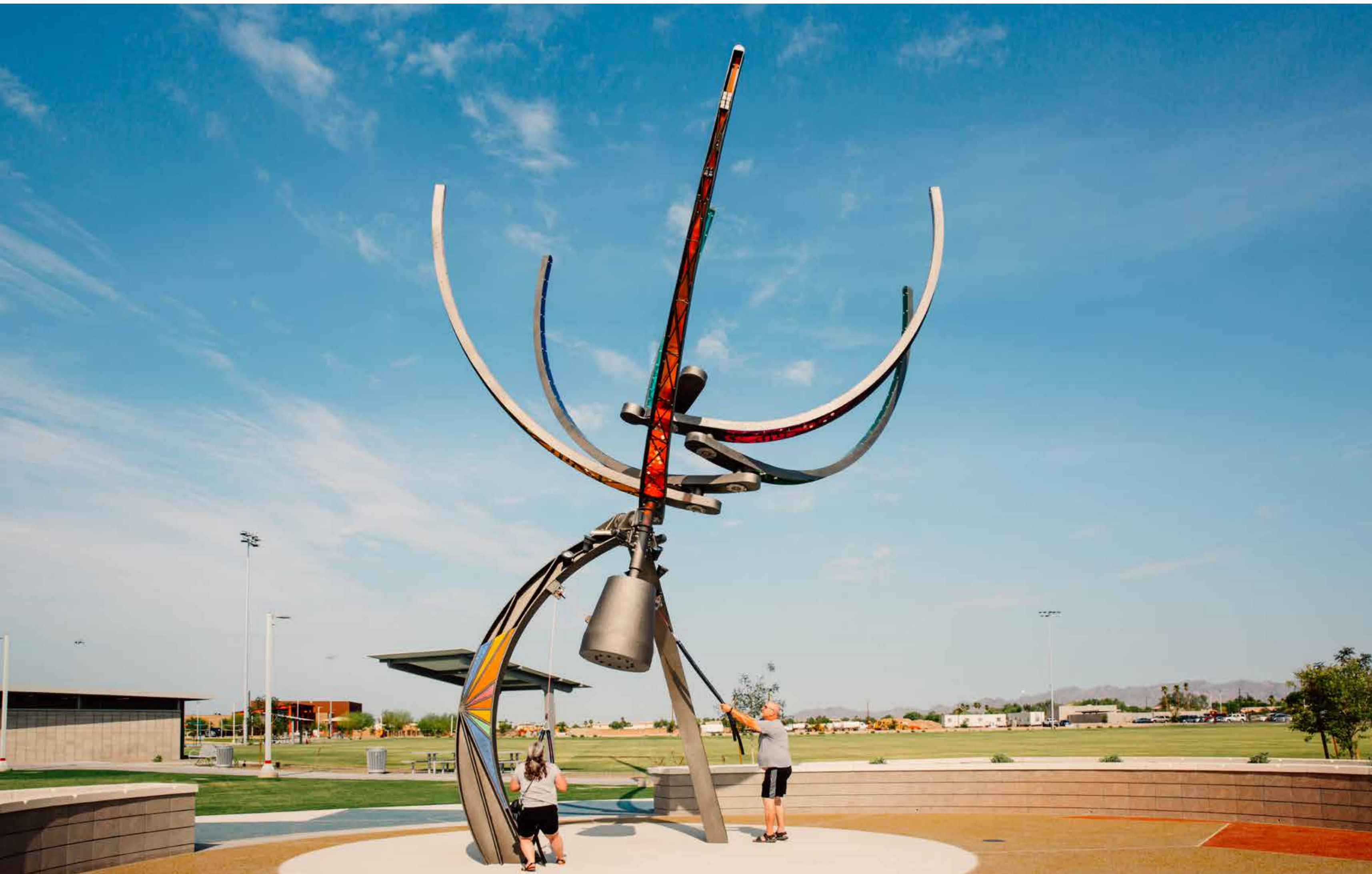
DATE	2022
LOCATION	OKPOP Museum, Tulsa, OK
DIMENSIONS	17'8" H x 80" Dia
MEDIA	Stainless Steel, Glass, LED Lighting
CLIENT	Oklahoma Arts Council, Oklahoma Historical Society



Power of Pop is located in the Oklahoma Historical Society's new museum, OKPOP, that shares the state's pop culture artifacts and collections. The sculpture draws its inspiration and color palette from comic books and concert posters. Thousands of handmade glass spheres evoke the superimposed ink dots that the Ben-Day printing process employed to create color images in vintage comic books. The overall shape is a multi-directional crossroads of culture suspended in the atrium where it is visible from outside the building and from many points within. Computer-controlled LED lighting within the glass spheres creates animated sequences of light moving through the sculpture and radiating outwards like explosions of pop culture.



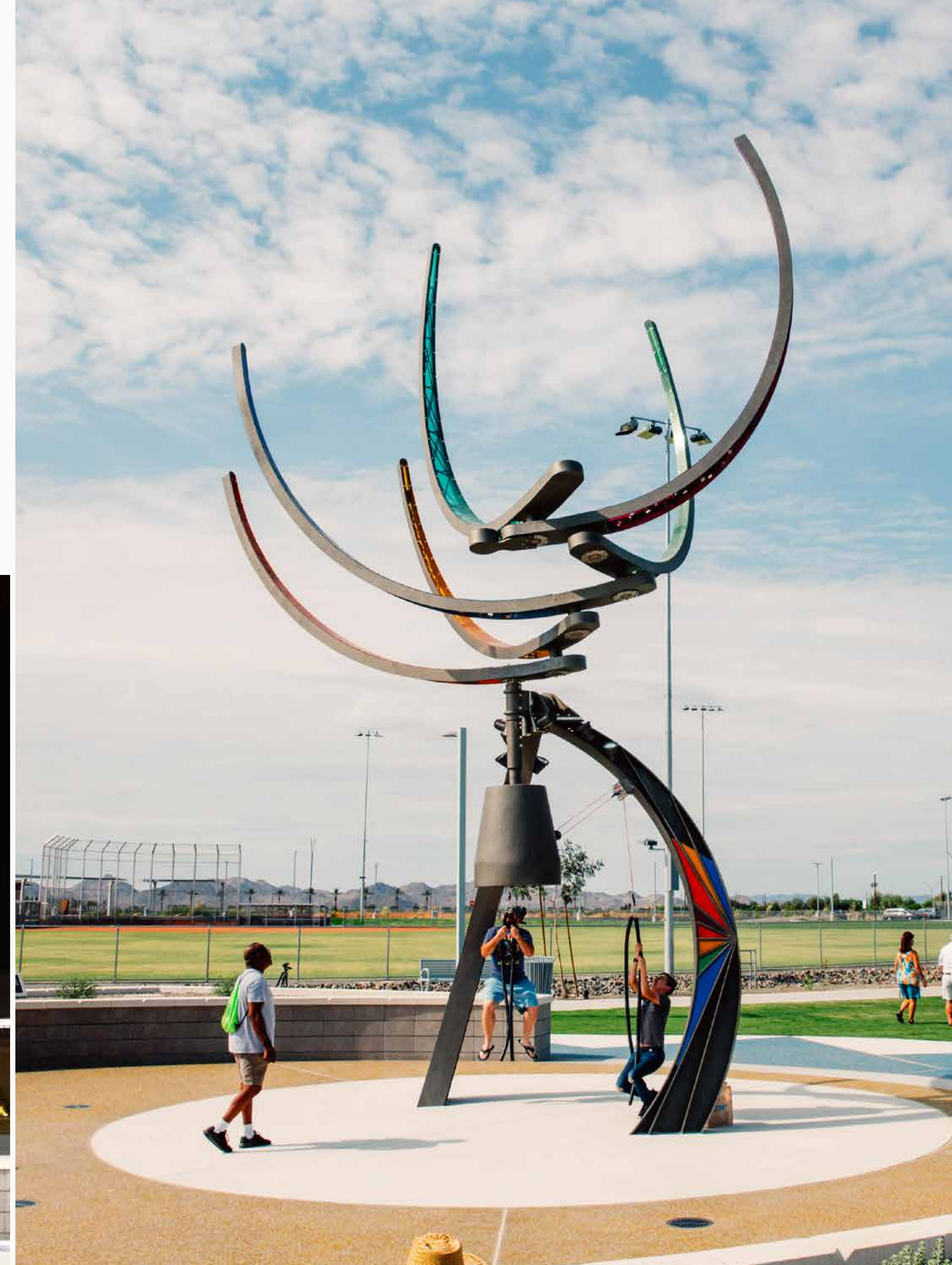




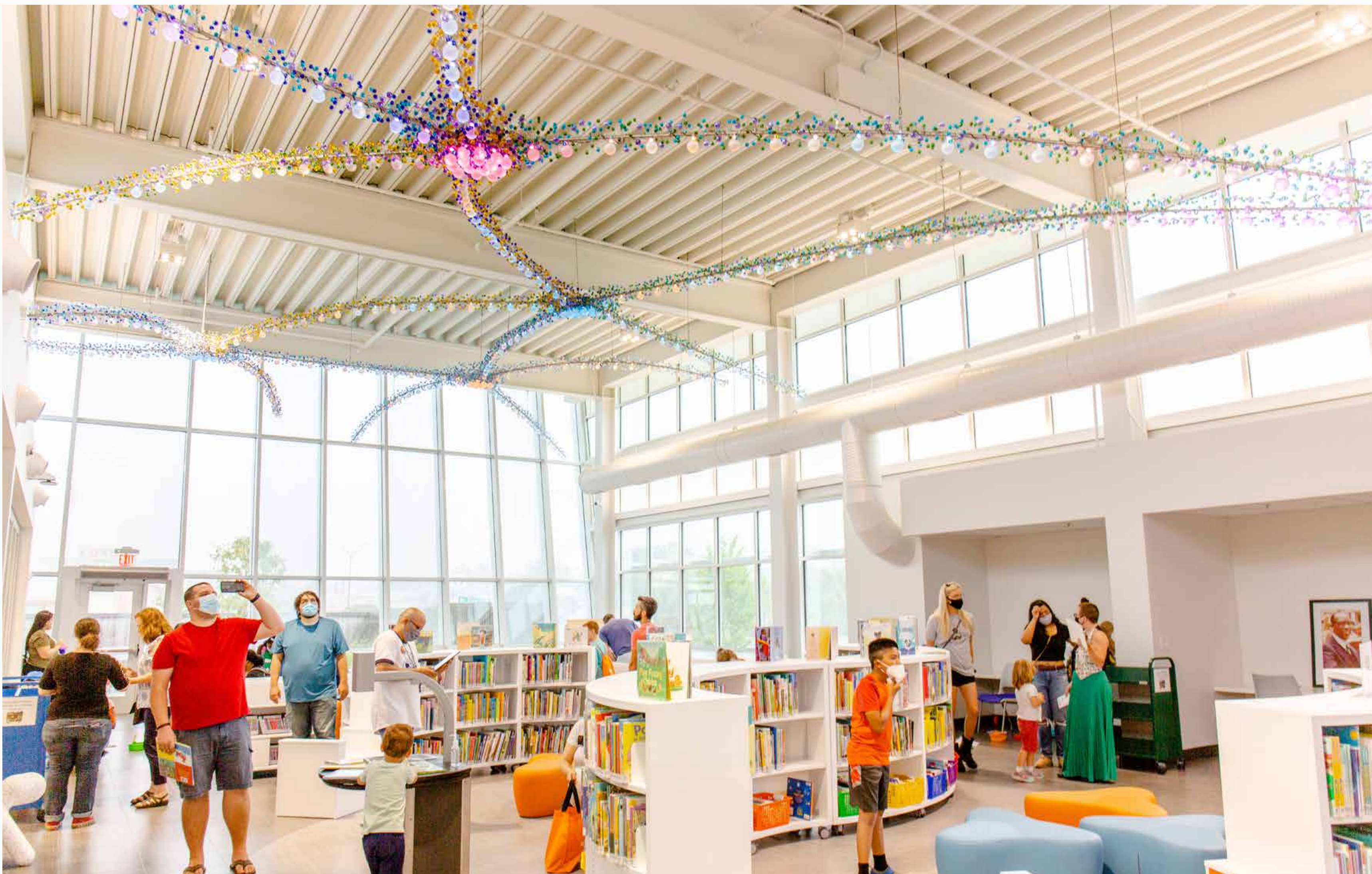
CHASING THE STARS

DATE	2021
LOCATION	Goodyear Recreation Campus, Goodyear, AZ
DIMENSIONS	26' x 5.5" Dia x 32' H
MEDIA	Stainless steel, Koda XT, LED lighting, mirrors
CLIENT	City of Goodyear

Concentric arcs whirl around one another, high above the viewer. Powered by a massive swinging counterweight pendulum below and supported by two arching columns, the metallic arcs rotate in chaotic yet comprehensible ways, each tracing out spherical volumes in the sky in reference to the earliest celestial models. Colored translucent panels throughout the work filter sunlight and create colored shadows on the ground plane. Two hanging cords encourage viewers to drive the motion of the work, either together or individually.







ONLY CONNECT

DATE	2021
LOCATION	Reby Cary Youth Library, Fort Worth, TX
DIMENSIONS	121'-6" L x 35' 8" W
MEDIA	Stainless steel, glass spheres, LED lighting, optical sensor, electronics
CLIENT	City of Fort Worth

Only Connect is a net of neurons dancing overhead, with integrated LED lighting driven by an optical sensor housed in a kiosk. There are additional hidden sensors placed throughout the library that trigger special sequences in the LED lighting. The network of neurons extends outside the building to the retaining wall, showing that the mental and social connections made inside the library extend beyond its walls. The neurons are created from thousands of colored glass spheres which provide a joyous yet sophisticated counterpoint to the white interior and which shine brilliantly with color when light shines through them. Driving the network of LEDs is a sensor housed in the kiosk that responds to people waving their hands, to illustrations from children's books, and the color of clothing worn by visitors.

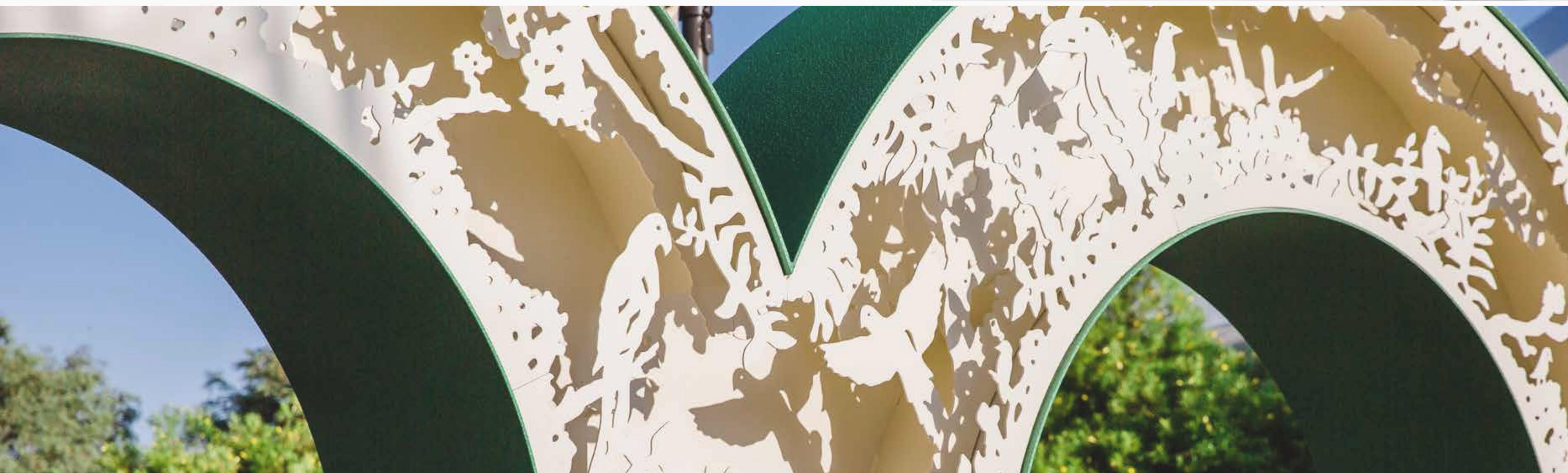


PEACEABLE KINGDOM

DATE 2021
LOCATION Reid Park Zoo, Tucson, AZ
DIMENSIONS 30' L x 2'4" D x 11' 1/2" H
MEDIA Stainless steel, electronics, Line-X,
LED-lighting
CLIENT City of Tucson



Peaceable Kingdom is a detailed shadowbox featuring most of the animals in Reid Park Zoo in Tucson, Arizona. The animals 'live' in three linked ecosystems formed by the letters 'Z-O-O' and invite visitors to sit among them for photographs and socializing. We hope that this artwork will help people form positive memories of visiting the zoo, will help them see themselves as part of the animal kingdom, and help them develop empathy for all life forms and how they are interconnected.







ROUND EL

DATE	2021
LOCATION	Platform Alexandria, Braddock Gateway, Alexandria, VA
DIMENSIONS	Overall 15'-6" D x 13'-3" H
MEDIA	Stainless steel, polycarbonate
CLIENT	Carmel Partners



Roundel is a sculpture that invokes a special feeling of finding stillness at the center of activity. The effect is as much acoustical as it is visual. Stand in the exact center of Roundel and you find that the encircling panels block some of the outside sound and bounce your own voice back to you – like an echo but from all sides simultaneously. It is a unique acoustical experience that occurs in a small region as you walk through. From this center point where you achieve a temporary remove from surroundings, you see the world in three different colors or look up at the sky through triangular windows. You are at the center of three rings. The name Roundel has two meanings: Visually, a roundel is a round disk used as a logo, often incorporating concentric circles. But in English literature, a roundel is also a delightful poem form consisting of three stanzas, each with three lines, plus two echoing refrains. As poems go, a roundel is a dense, echoing, rhyming, swirling knot. The roundel form has been used to evoke themes of return, inevitability, or repetition with change.







AURORA

DATE	2023
LOCATION	Calgary, Alberta, Canada
DIMENSIONS	Right Side: 24' L x 15' H, Left Side: 10' L x ` 5' H
MEDIA	Steel, KodaXT, Lights, Speakers
CLIENT	Calgary Zoo Alberta



Aurora celebrates the universal connection we all share with the sky. From coast to coast to coast, the rippling dance of colour and light captivates our imaginations as we look up and wonder. From the rolling foothills to rocky tundra, winding rivers and mountain meadows, the sky unites us all. The sounds of *Aurora* take us on a journey through the seasons and landscapes of Canada. Listen for the crash of bighorn sheep horns, the call of Canada geese migrating home, or the crunch of polar bear paws on the packed snow. The heartbeat of *Aurora* is a Blackfoot drum, whose songs echo through the seasons and welcome us to the traditional lands of the Blackfoot people. *Aurora* brought together a team of artists with unique perspectives and artistic visions to weave a multi-dimensional experience





ORBITS INTERWEAVE

DATE	2021
LOCATION	NASA Goddard Visitor Center, Greenbelt, MD
DIMENSIONS	34' 11" Dia x 19' 1" H
MEDIA	Powder coated steel, mirror polished stainless steel
CLIENT	NASA



Three mirrored orbs float above the viewer, delicately suspended from a balanced armature of gentle arcs. A central vertical element supports the assembly, allowing the orbs to slowly orbit one another in response to air currents. Alternatively appearing as polished spherical volumes or perfectly flattened disc-shaped portals, the orbs reflect back a surreal image of the viewer, their environment, and the artwork itself. The three orbs represent the view of earth that a satellite sees, and correspond to the interlinked orbits of the sun, earth and moon.

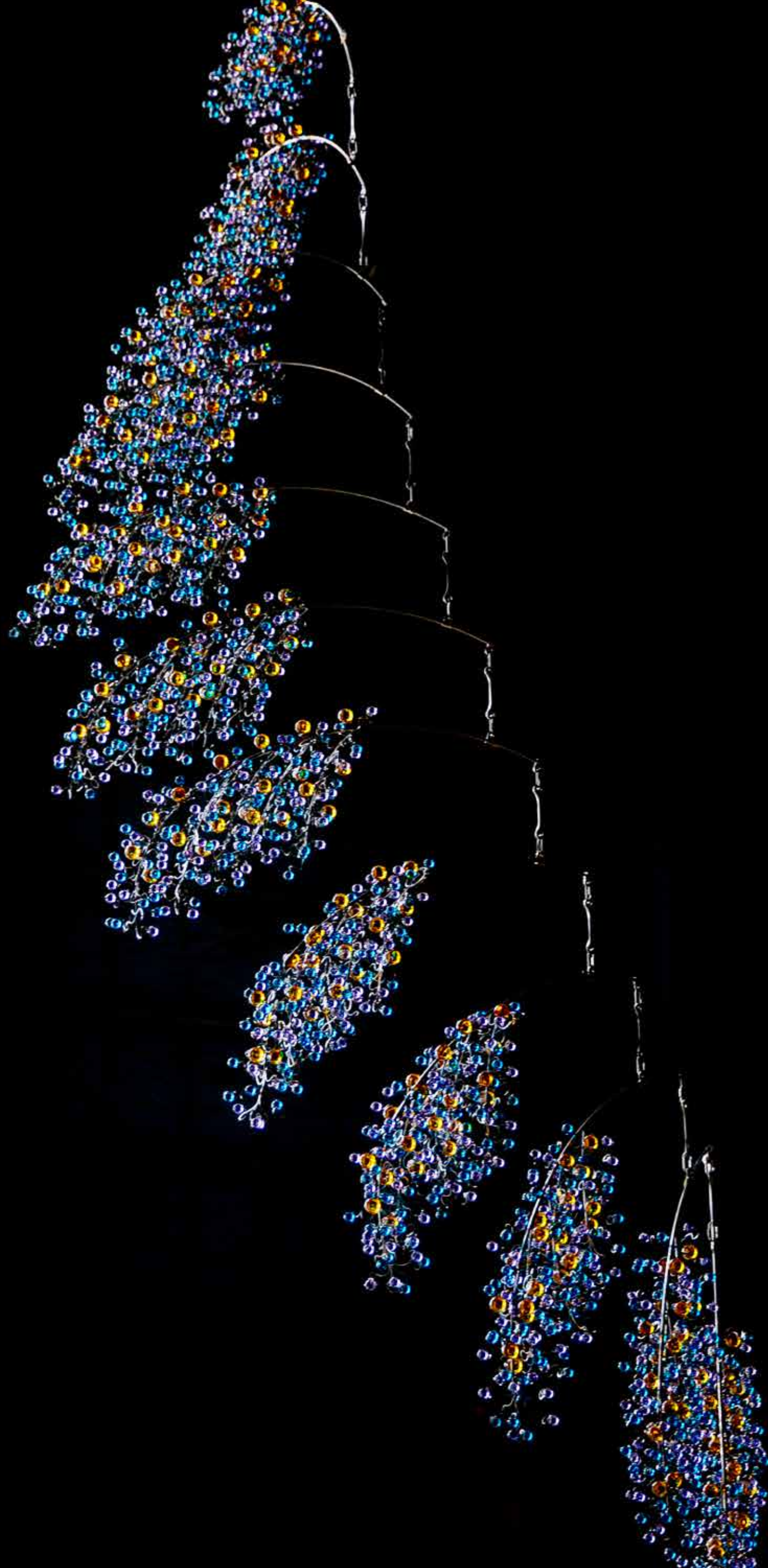




BROOMCORN

DATE	2020
LOCATION	Broomfield Community Center, Broomfield, CO
DIMENSIONS	15'5" W x 84" H
MEDIA	Stainless steel, glass spheres
CLIENT	City of Broomfield

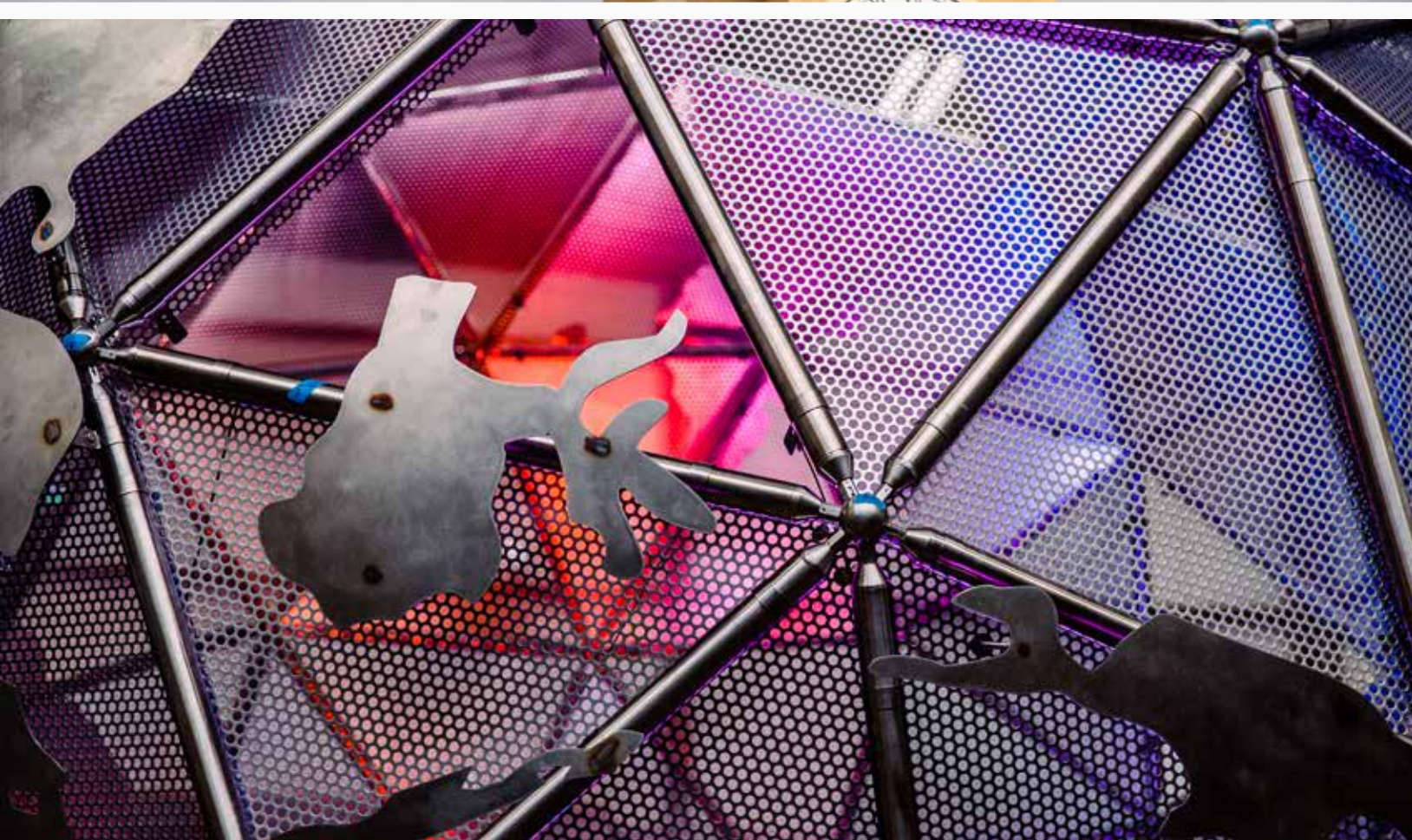
Mass groupings of colored transparent spheres, held in lacy metallic settings below slender silver rods, cascade down from the ceiling. Each group hangs delicately from the group above, while the whole assembly slowly rotates and twists in response to air currents. Formally evoking the distinctive seed configuration of Broomfield, CO's namesake broomcorn plant, the colors of the glass were chosen based on the color of local wildflowers.





TAMIU TRAILBLAZERS TOWER GLOBE

DATE	2020
LOCATION	Texas A&M International University, Laredo, TX
DIMENSIONS	15'-0" Diameter
MEDIA	Steel, electronics,
CLIENT	Texas A&M International University



TAMIU TRAILBLAZERS TOWER GLOBE

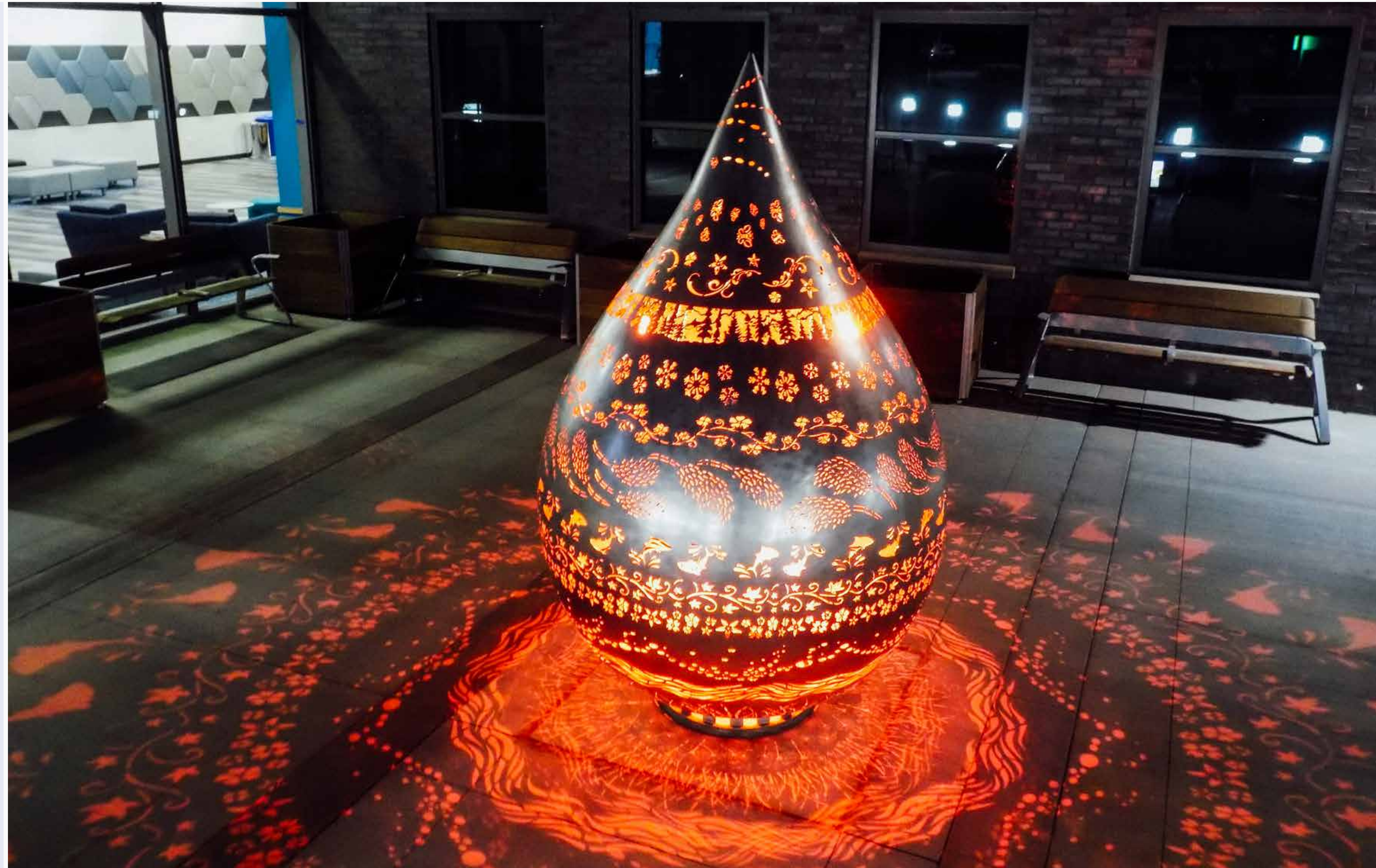
The *TAMIU Trailblazers Tower Globe* is a sculptural representation of the Texas A&M International University Logo. The sculpture sits on the beloved Trailblazers Tower, a key point of interest on campus. The globe is composed of a structural steel space frame with inset perforated steel facets that create a moiré pattern that changes depending on the angle you view it from. Continents float above the space frame, made from hammered stainless steel. The lighting program consists of hourly events which coincide with the tower clock, direct control of different lighting selections and 5 pre-programmed seasonal/event based light shows.

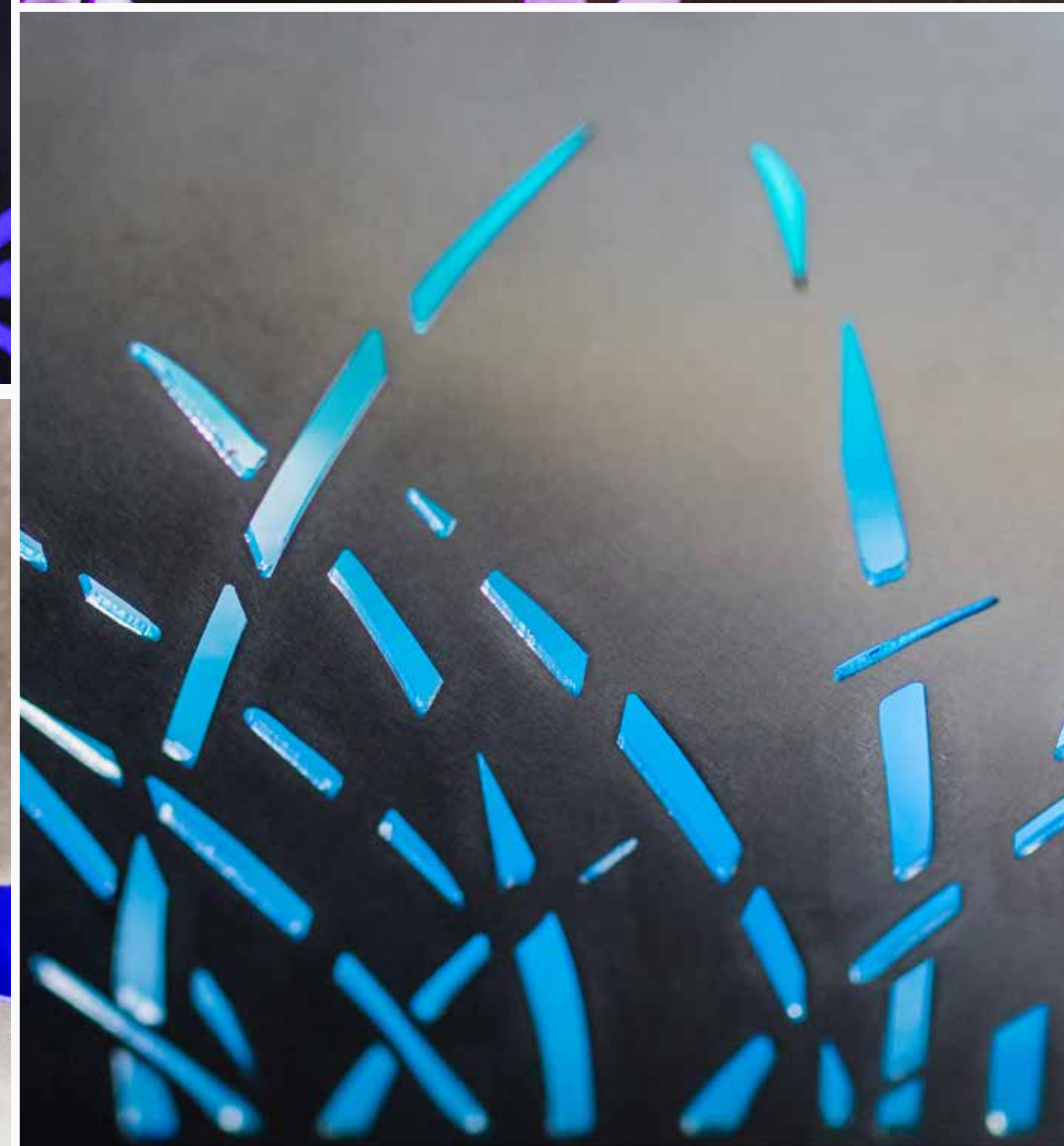


Academic Innovation Center

WATER IS LIFE

DATE	2020
LOCATION	Broomfield Community Center, Broomfield, CO
DIMENSIONS	96" H x 60.5" W
MEDIA	Laser cut stainless steel, electronics, LED lighting
CLIENT	City of Broomfield

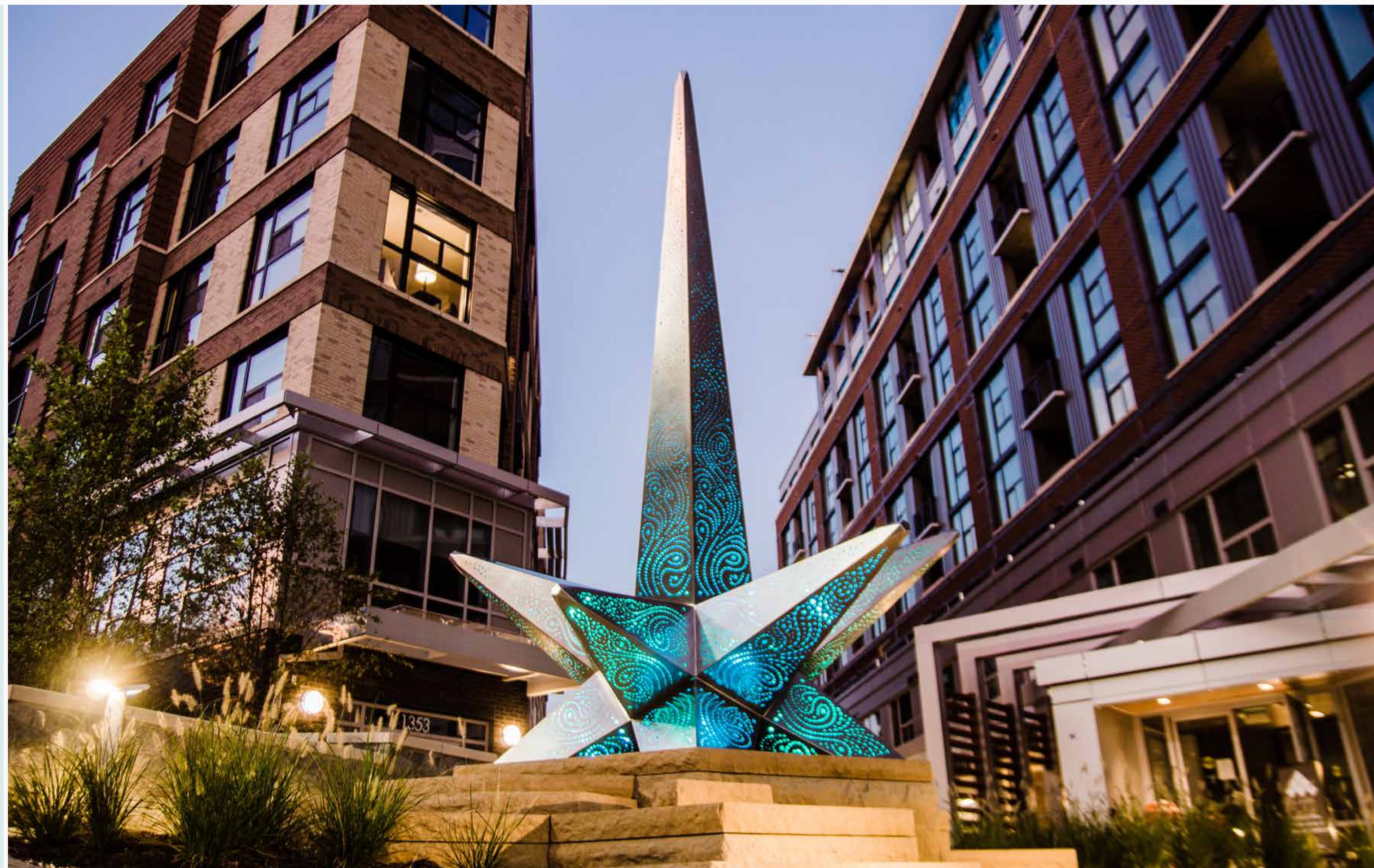


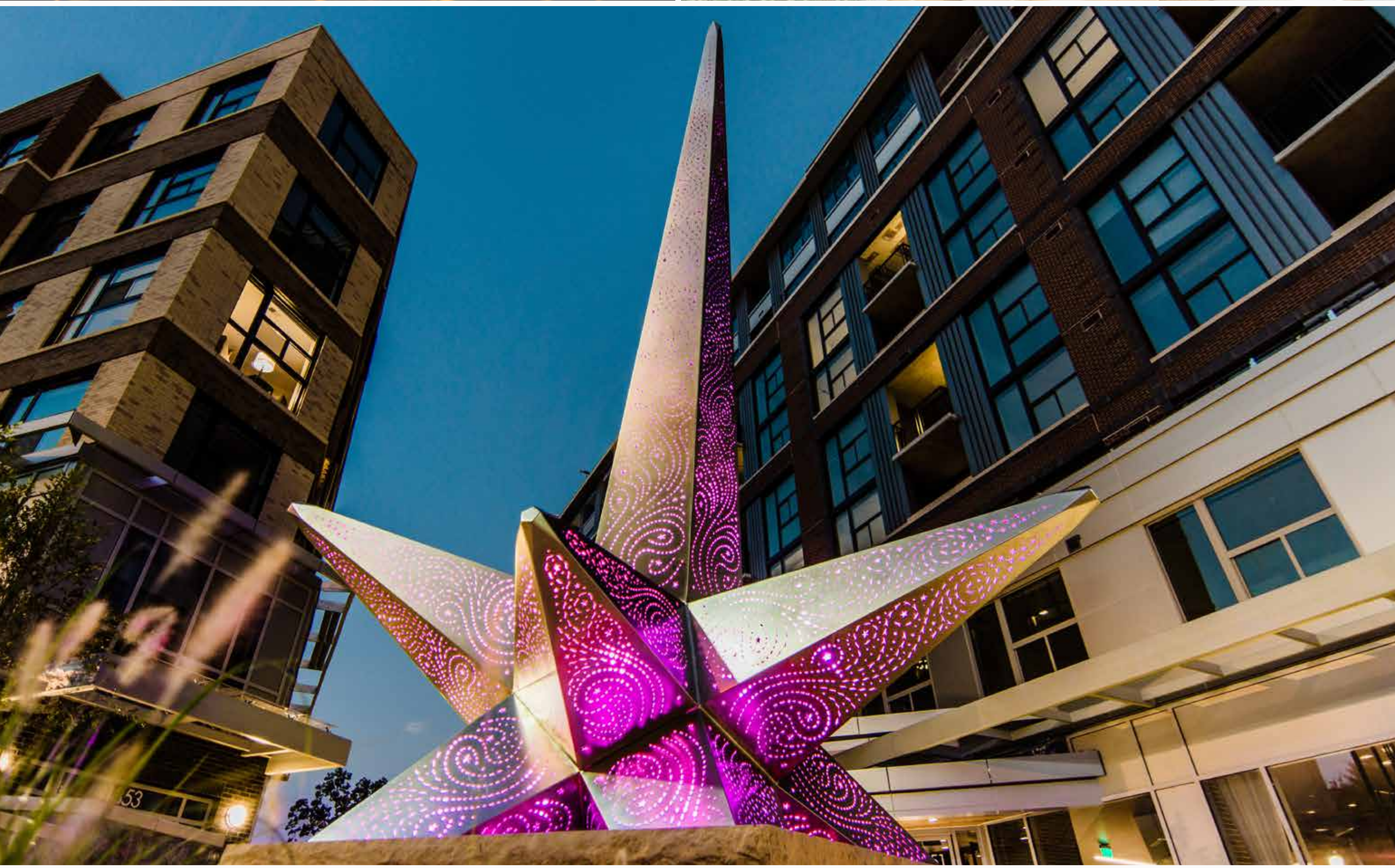


A giant silver water droplet is perforated with delicate patterns depicting all the ways that local life is embedded in the water cycle either directly or through native plant species. At night, intense and gently color-changing lights project these intricate and patterns onto viewers and the environment, enveloping them as extensions of a greater community and blurring the line between artwork and environment. *Water is Life* is a site-specific outdoor artwork filled with small iconic details that celebrate the essential role water has played in the history of Broomfield, CO.

RISING STAR

DATE 2019
LOCATION Gables Pointe, Rosslyn, VA
DIMENSIONS 12'3" H x 11' W
MEDIA Laser cut stainless steel, LED lighting,
electronics
CLIENT Gables Residential





A beautifully spiked form, blurring the line between mechanized and organic, tumbles up out of the staggered ground plane. Patterns perforate the surface, appearing organic from a distance but revealing their true representational nature upon closer inspection. Installed in Rosslyn, Virginia, the points of the star are oriented toward key United States landmarks such as Arlington Cemetery, the White House, and the site of Rosslyn's historical origins. *Rising Star* also serves as a contemporary homage to Nancy Holt's nearby Dark Star Park.



SHIMMERING SEA

DATE 2019
LOCATION The Watermark, Tempe, AZ
DIMENSIONS Bridge 72' W x approximately 10' H
MEDIA Stainless steel
CLIENT The Watermark





SHIMMERING SEA

Shimmering Sea is a wind-activated kinetic sculpture composed of an array of polished stainless steel discs adhered to a fenced bridge in Tempe, AZ. Each of these discs is suspended from just above its center of mass so it will move with the wind. Arranged in this faceted array, the polished discs create a rippling surface similar to the surface of water. The polished discs reflect a pixelated version of the sky and surrounding architecture down to viewers on the ground resulting in an ever-changing art piece that will be compelling for viewers upon each visit. The discs are laser cut from 16 gauge 304 stainless steel. They are arranged on vertical pickets of the bridge in a wave pattern that further reinforces the idea of motion.



CODES

DATE	2019
LOCATION	Flagler Banyan Square, West Palm Beach, FL
DIMENSIONS	Series covers 90' x 15' — Individual panels vary
MEDIA	Stainless steel, etched glass spheres, LED lighting, electronics
CLIENT	Flagler Banyan Square

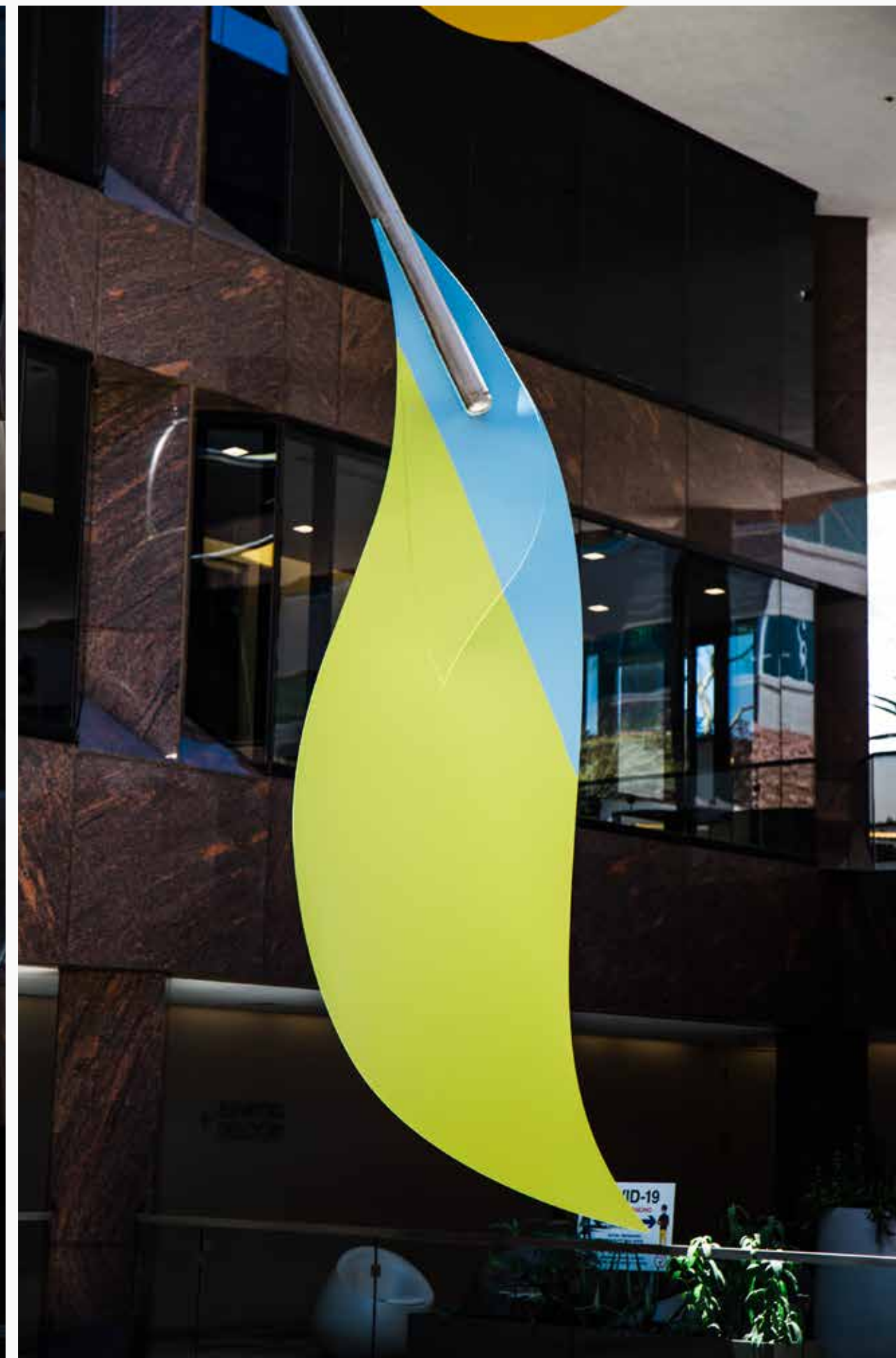
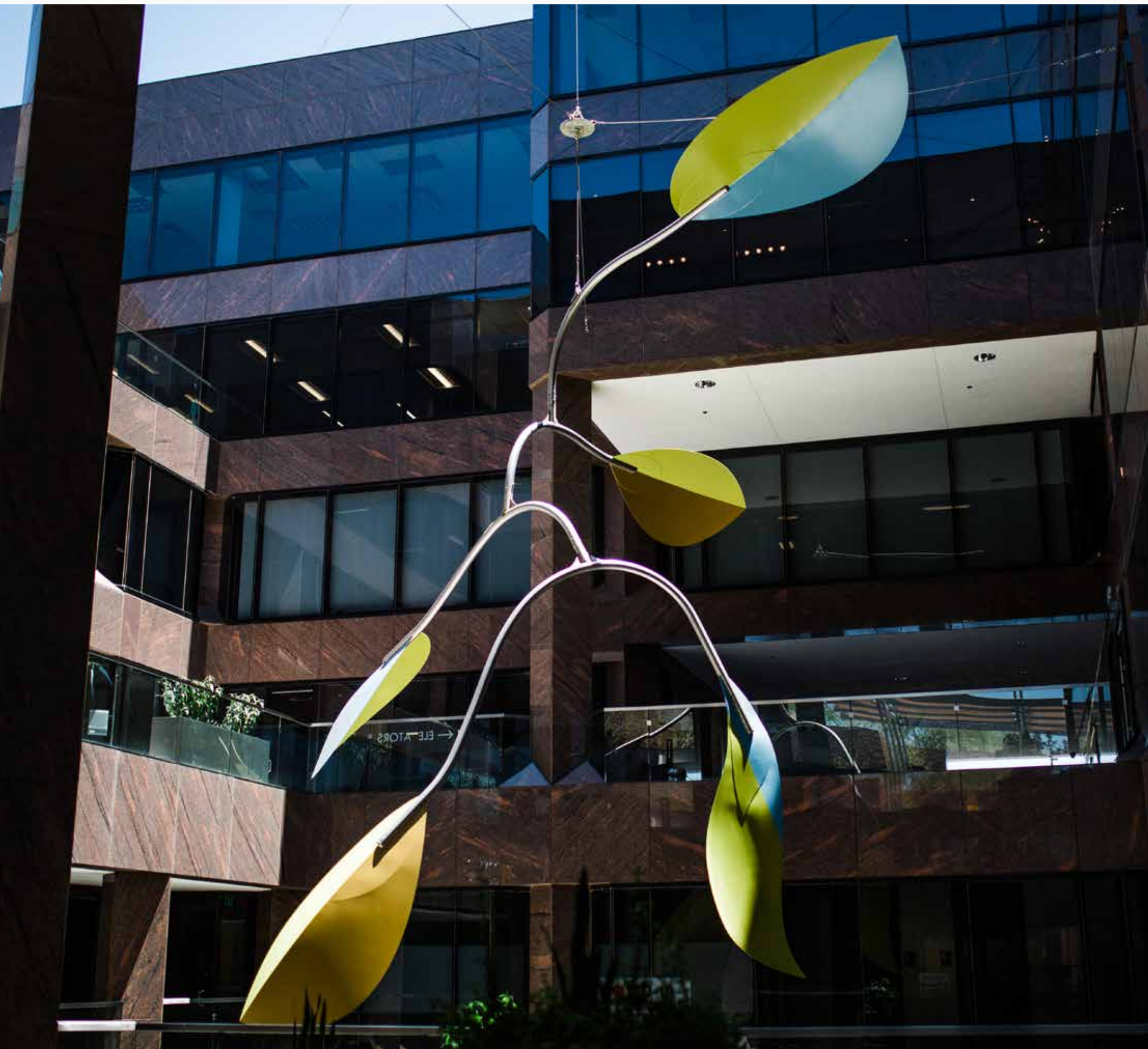




A multitude of softly-finished silver metallic columns made of steel plates rise from the ground plane, human in scale. On each column, translucent colored spheres of multiple sizes are inserted through the plates and glow as light-tunnels through the spherical gems. Arranged in careful grids, the spheres hide a coded message within the plates that can be deciphered only with careful and continued focus.

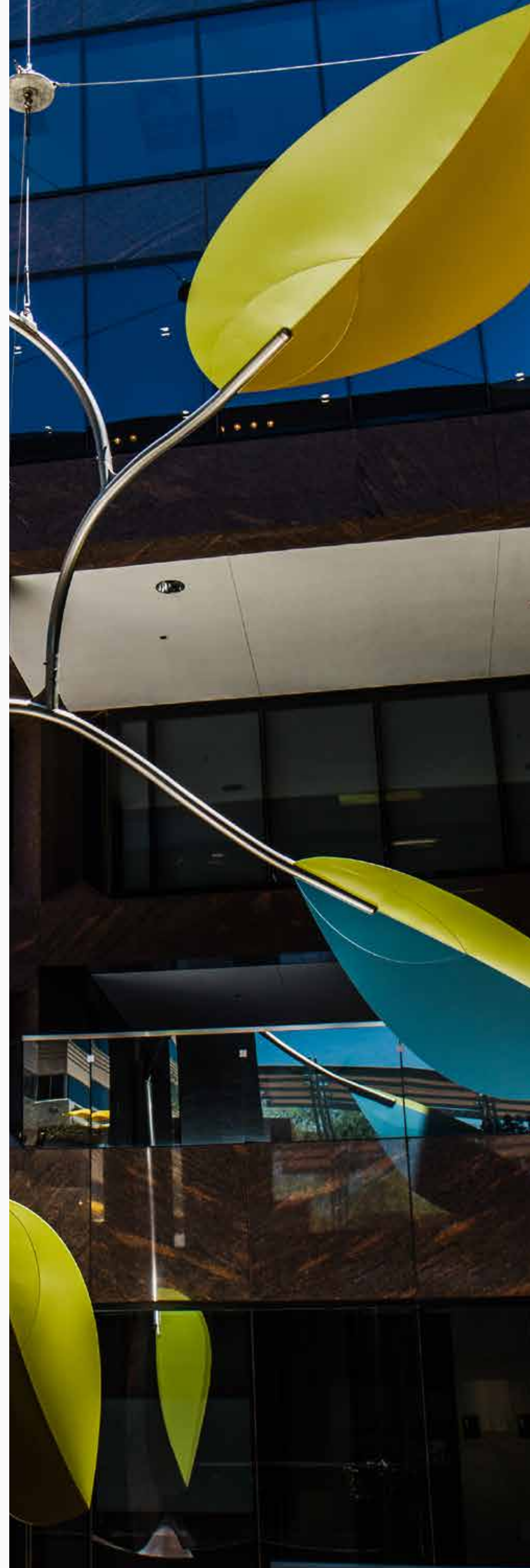
Codes is made of glass spheres in colors reminiscent of mid-century beach glass. The delicate spheres are set into stainless steel forms to create a 'wall' forming a porous boundary that people can walk through, yet feel a sense of enclosure.





THE BREEZE IS SO BUSY

DATE	2019
LOCATION	Camelback Commons, Phoenix, AZ
DIMENSIONS	29'8" tall x 30' diameter
MEDIA	Painted stainless steel
CLIENT	Camelback Commons



THE BREEZE IS SO BUSY

The Breeze Is So Busy is composed of two large-scale mobile-like sculptures suspended in the atriums of Camelback Commons. The kinetic sculptures pivot as air moves through the atriums. The intent is to bring the feeling of a hanging garden into the built environment. The title of the artwork comes from "Oh What a Beautiful Morning" - the opening song of the musical and Oklahoma. The film version of Oklahoma was shot on location throughout southern Arizona.



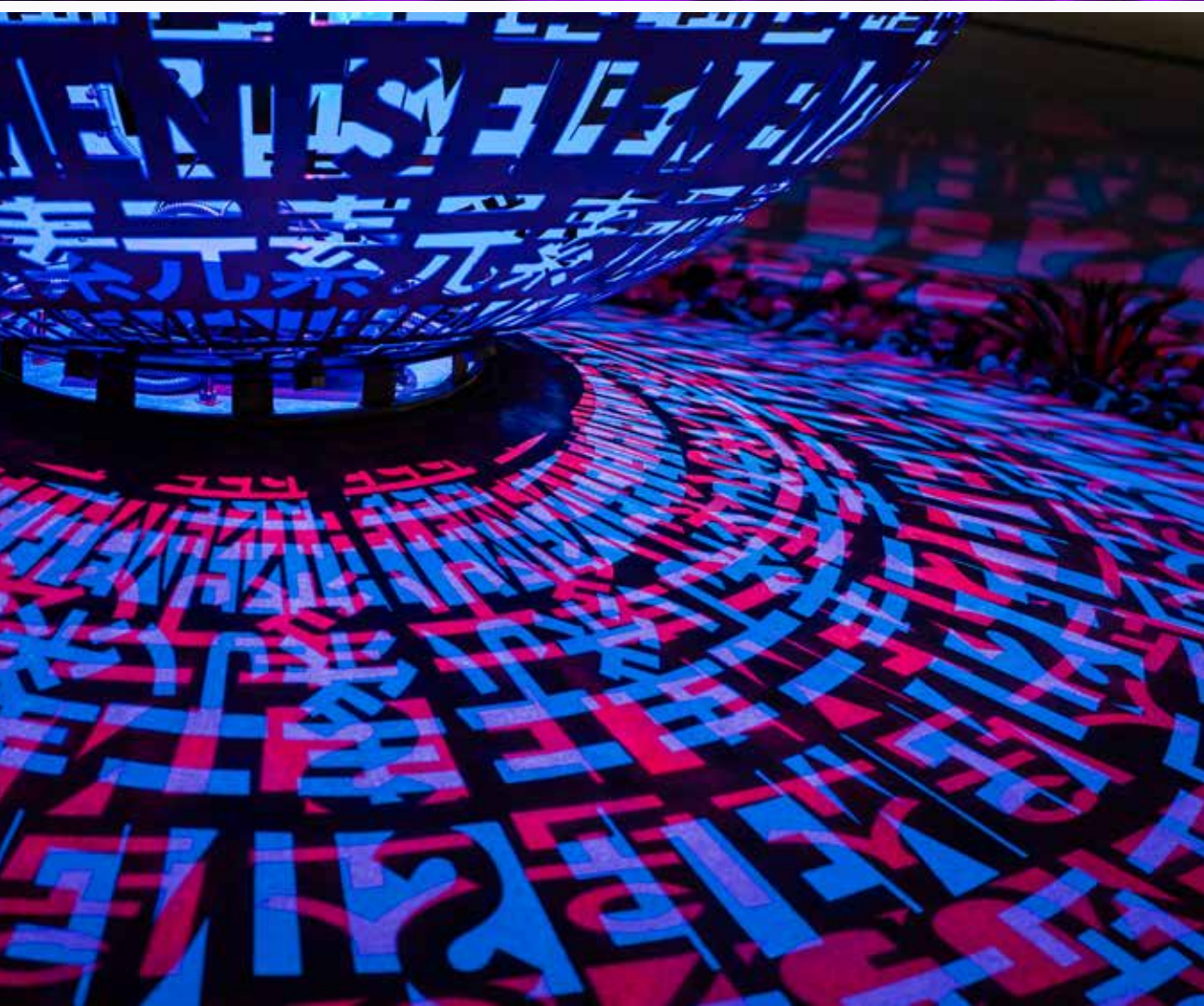
ELEMENTS

DATE	2018
LOCATION	Elements Apartments, Irvine, CA
DIMENSIONS	10' H x 7'6" Dia
MEDIA	Powder coated stainless steel, LED lighting, electronics
CLIENT	Campos Verde, LLC





Horizontal bands in varied and varying widths form a gentle organic volume. Stacked one on the next, these stainless-steel strips contain textual cutouts: a single word expressed in 11 languages spoken in the local community. The reflective metallic exterior surface is contrasted with an intensely blue matte inside surface. At night, colorful internal lights project the geometry and symbology onto the environment and the viewers, enveloping them as extensions of a single greater community and blurring the line between artwork and environment.





GROWING HOME

DATE	2018
LOCATION	Park 12, San Diego, CA
DIMENSIONS	17'8" H x 80" Dia
MEDIA	Laser cut stainless steel, LED lighting, electronics
CLIENT	Greystar



Sitting among a scattering of giant smooth stones, a monumental turret shell sits erect, appearing to be inching its way across the space. Twisting down towards its opening, the shell is perforated with chronological strips of text detailing important events from San Diego's history. The shell was produced exactly as a real shell grows, ring-by-ring, and this construction is evident in the internal structure visible through the gaps. At night, intensely colorful lights illuminate the interior space of the form while also projecting the text onto visitors and the surrounding environment.

Growing Home invites interaction by offering a seat at its base for visitors to stop, sit or pose with the monumental sculpture. The local community has started a hashtag on social media where visitors can share their pictures with the sculpture (#Park12Shellfie).







CAMARADERIE

DATE	2018
LOCATION	VA San Jose Clinic, San Jose, CA
DIMENSIONS	19' W x 8' D x 10' H
MEDIA	Laser cut stainless steel, LED lighting, electronics
CLIENT	Department of Veterans Affairs

*Collaboration with Blessing Hancock





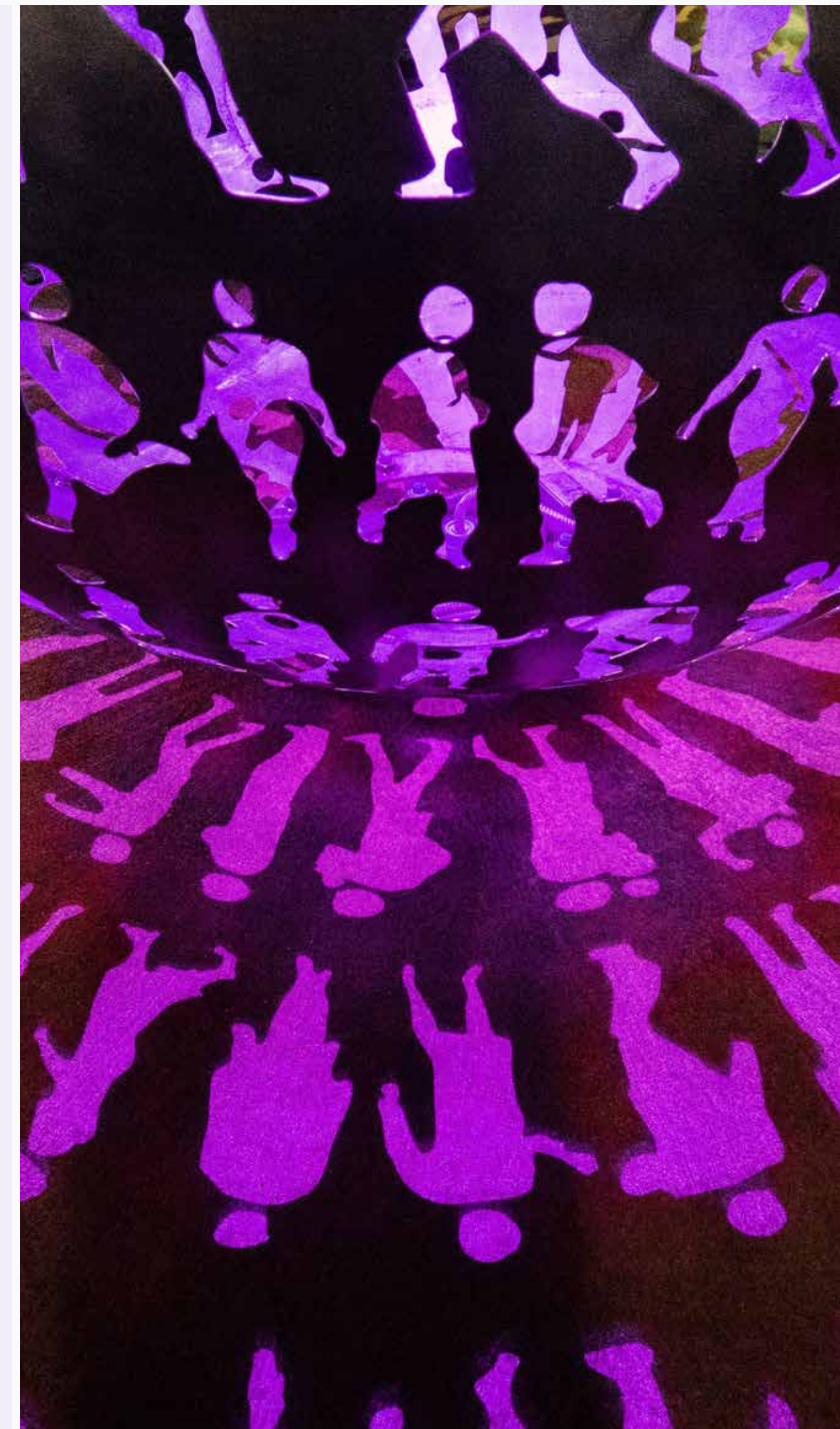
Outside the veteran's clinic in San Jose, CA, three monumental chevron volumes evolve in a sequence: each similar but slightly different from the next. Text panels perforate the work, breaking the clear division between inside and outside. The word and phrases cut into the work were collected from veterans sharing their exceptional stories of friendship and solidarity and highlighting the enduring fellowships built within the military tradition throughout US history. The chevron shapes have been placed on their sides giving reference to a military flight formation. The three sculptures are grouped together to illustrate the importance of teamwork and cooperation.





BODY POLITIC

DATE	2018
LOCATION	Lenexa Recreation Center, Lenexa, KS
DIMENSIONS	5' Dia and 7' Dia - 2 total
MEDIA	Steel, LED lighting, electronics
CLIENT	City of Lenexa





Two spheres stand in opposition, one large and one small, engaged but separated. Both are perforated with human silhouettes engaged in various everyday activities. Located in a public plaza, the work comments on the voyeuristic quality of public space where one is constantly viewing tiny windows into the lives of others and, consciously or not, making judgments based on those limited snapshots. Both the relationship between the two spheres as well as the generalized human cutouts in each force this experience into consciousness while confronting the mismatch between the limited scope of these observations and the out-sized value they occupy in the mind.

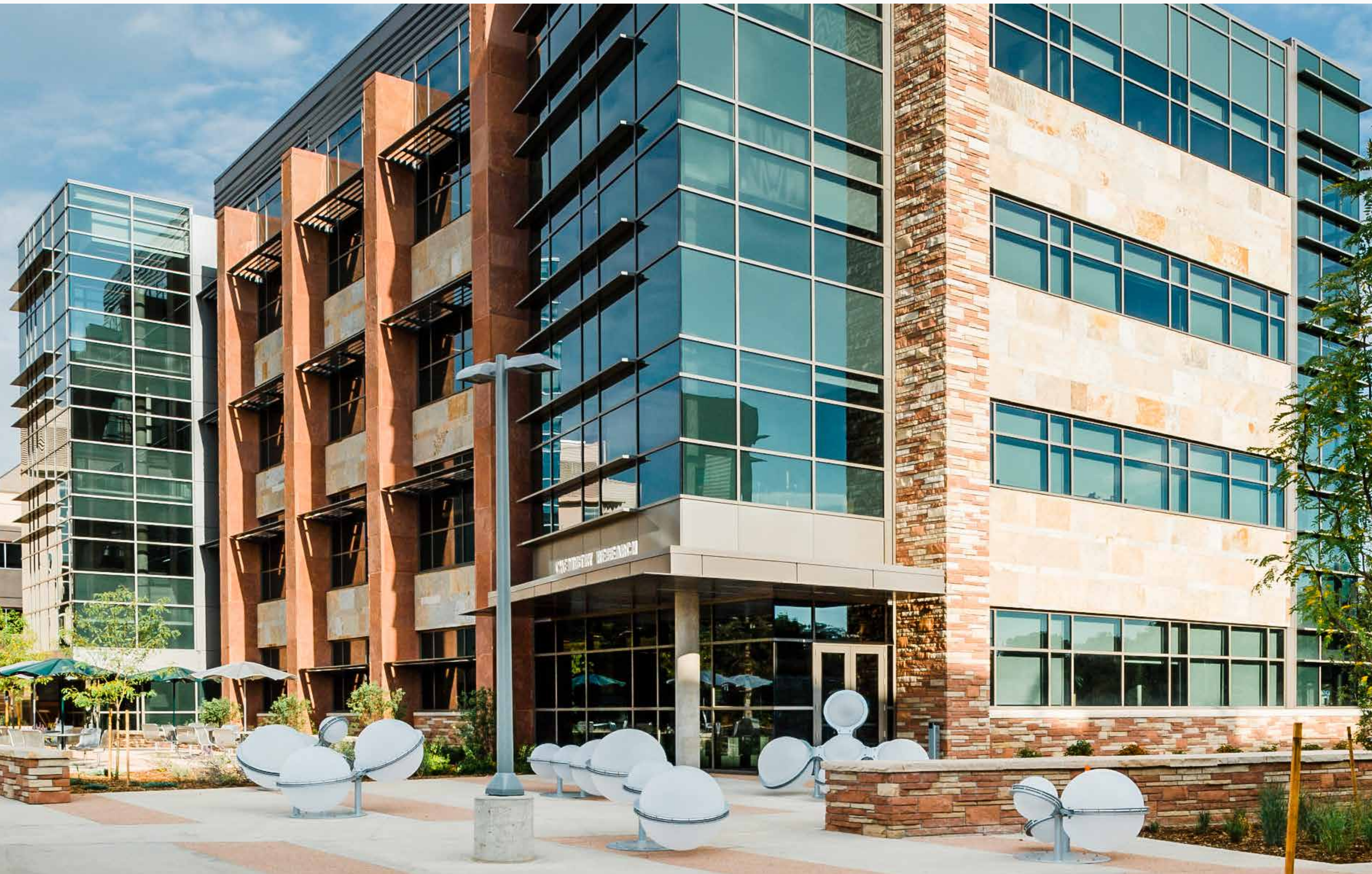
SPROUTS

DATE 2017
LOCATION Phoenix Children's Hospital, Phoenix, AZ
DIMENSIONS 11' – 19' H
MEDIA Stainless steel, LED lighting
CLIENT Phoenix Children's Hospital



A series of strange yet wondrous sculptures amplify the form of a plant sprout to a monumental scale. The field of sculptures creates an abstract yet referential space that invites interaction with the piece by moving in and around it. Gently curving forms create a calm serene environment while the subtle perforation insinuates the rare but crucial moment when small water droplets hit the surface of a sprout in the desert.

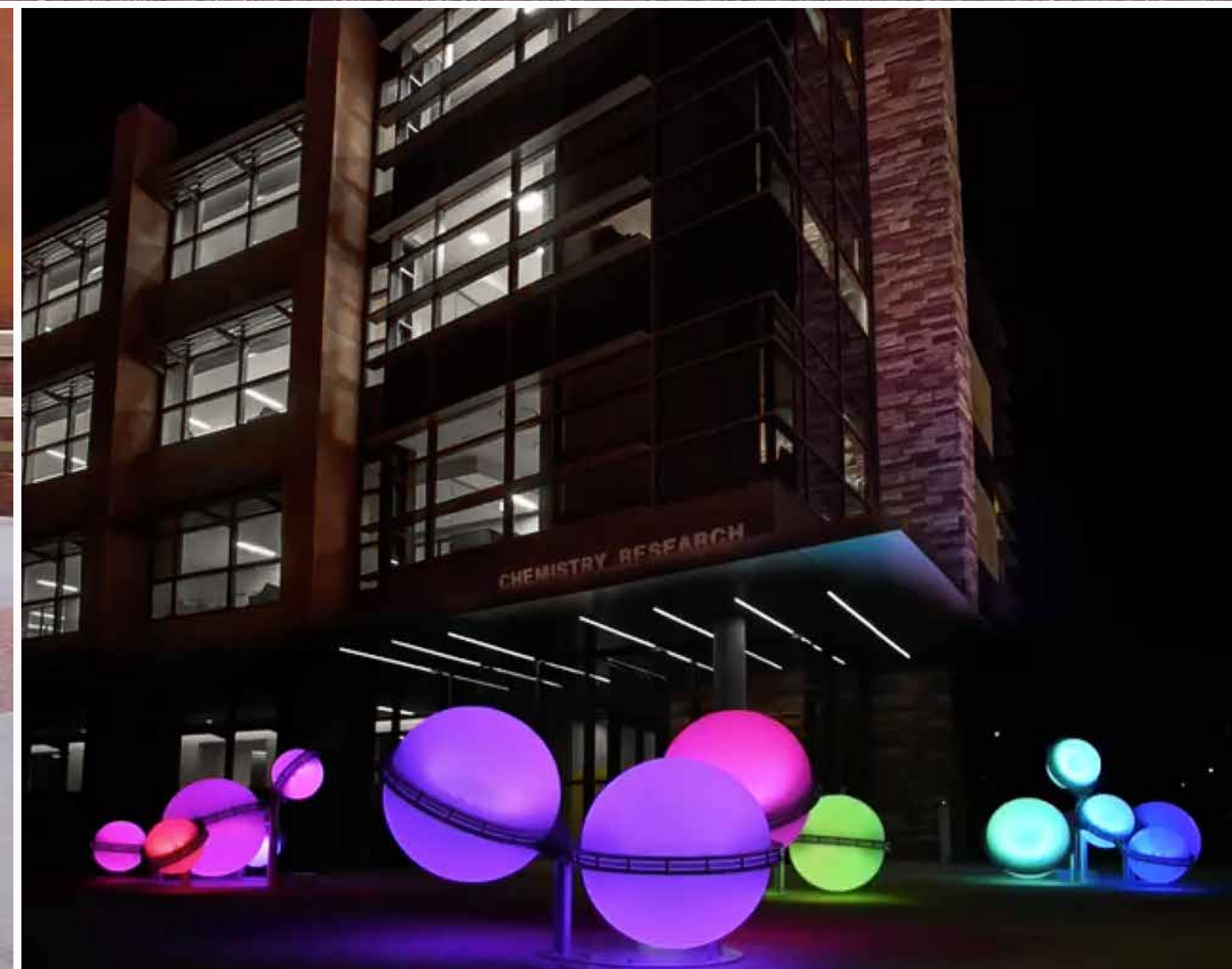




EARTH'S BLANKET

DATE	2017
LOCATION	Colorado State University Science Quad, Fort Collins, CO
DIMENSIONS	Spheres range from 5' L x 5' W x 3' H to 7' W x 8' L x 4' h
MEDIA	Steel, acrylic, LED lighting, electronics
CLIENT	Colorado State University

A series of six human-scale clusters of translucent orbs float within a plaza. Each cluster represents the molecular construction of one of the six most impactful greenhouse gases present in Earth's atmosphere. Animated lighting sequences use color to show the electrostatic charge distribution on the surface of each molecule – presenting each molecule as it looks to other molecules.





CRESCENT

DATE	2017
LOCATION	Four Seasons, Abu Dhabi, UAE
DIMENSIONS	14' H x 14' W
MEDIA	Laser-cut stainless steel, LED lighting, electronics
CLIENT	Four Seasons Hotel, Art Advisory Services

*Collaboration with Ashwaq Abdulla

Crescent is a stainless steel sculpture inspired by the crescent symbol that is used to represent the moon in the first quarter of its lunar phase. The crescent shape has been used throughout history in cultures around the world but is prominently associated with the Islamic faith.

This piece was a collaboration with Emirati artist Ashwaq Abdulla who developed the design for the calligraphy which is laser-cut into and wrapped around the sculpture. At night, the sculpture comes alive with colorful led lights and illuminates the calligraphic words for visitors entering the hotel. The colored lights are programmable, so the hotel can change the colors in honor of special guests or for holidays.



WINGS OVER WATER

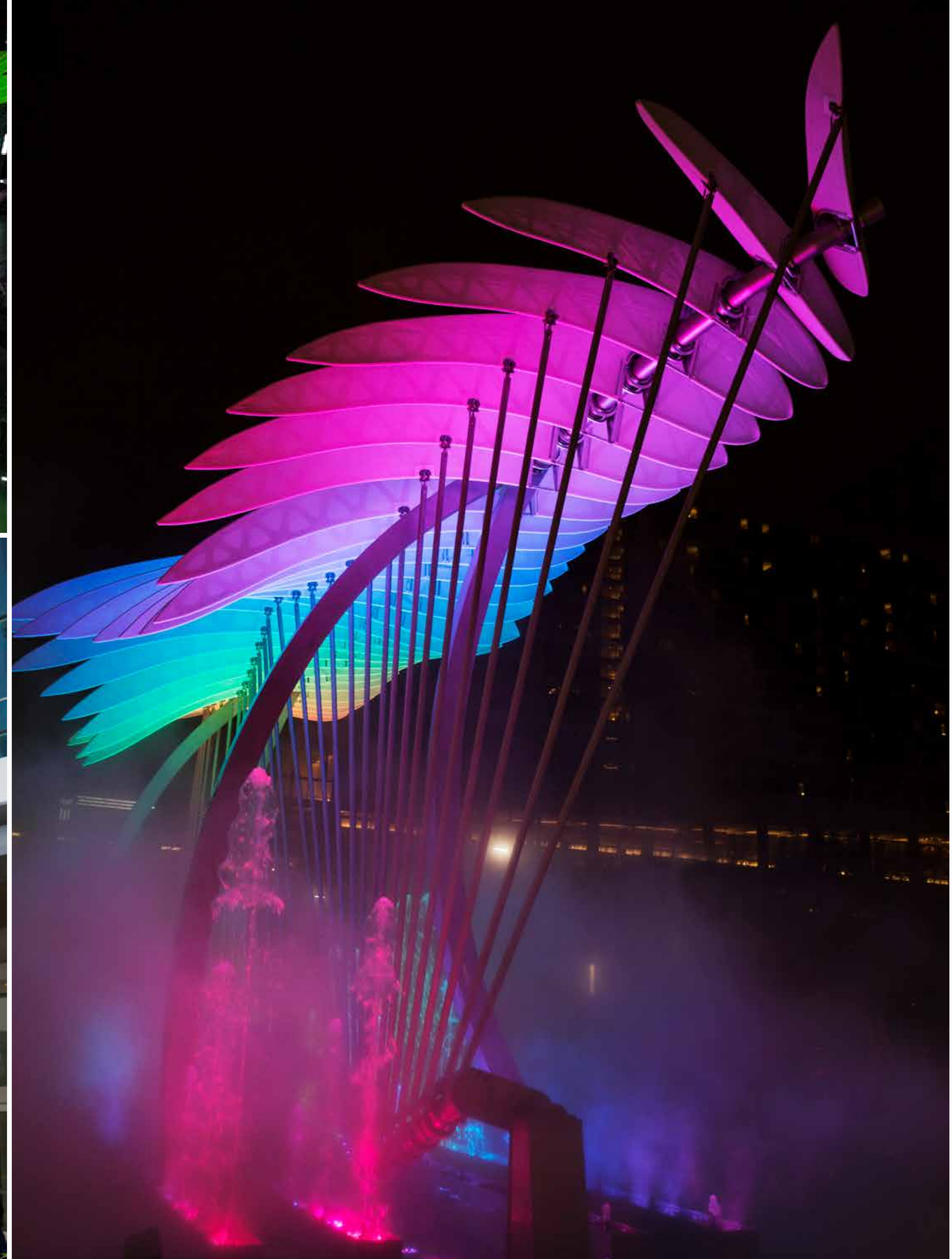
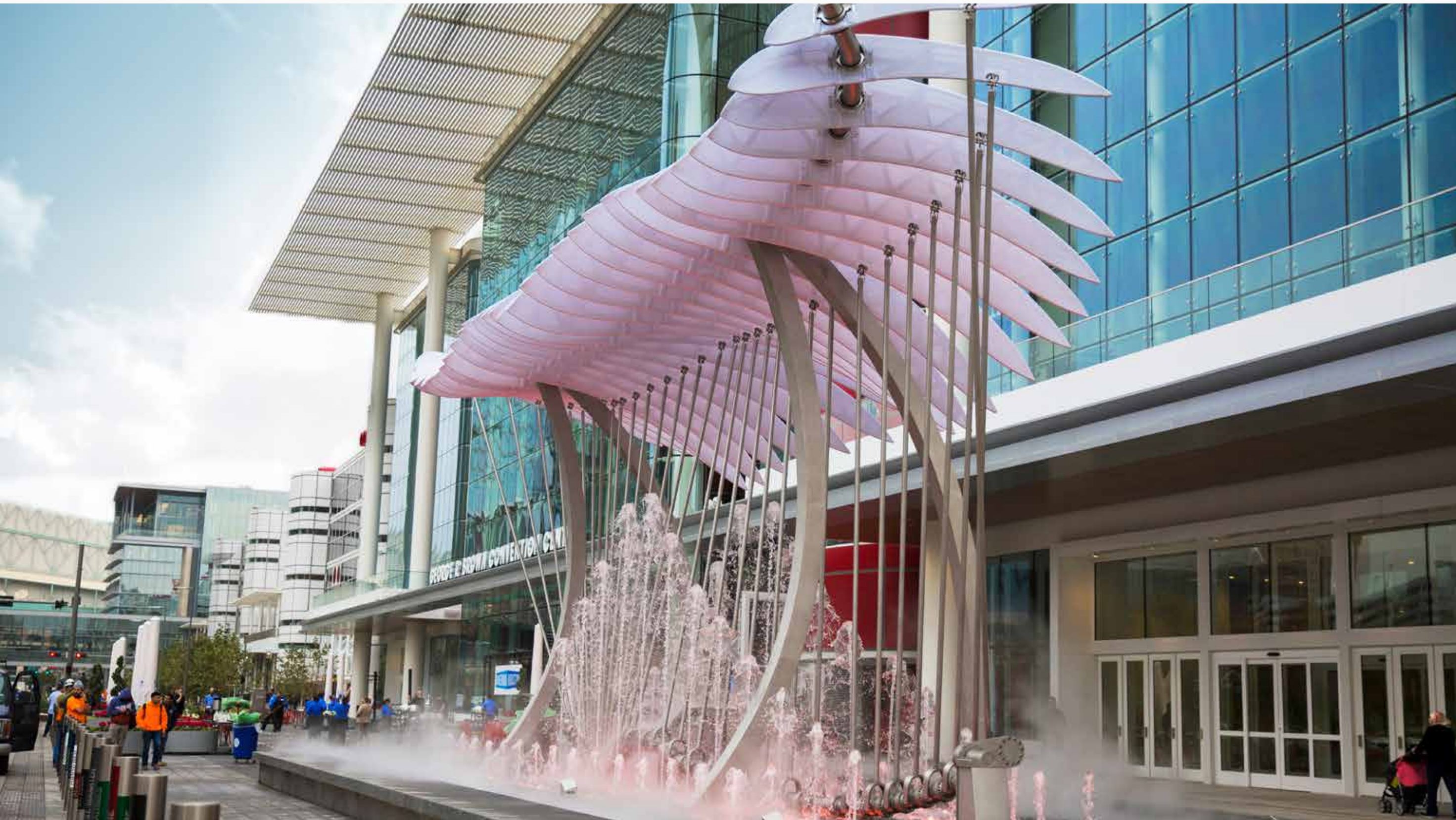
DATE	2016
LOCATION	George R. Brown Convention Center, Houston, TX
DIMENSIONS	30' H x 70' L x 22' W
MEDIA	Electronics, stainless steel, stamisol fabric, LED lighting
CLIENT	Houston Arts Alliance, Houston First Corporation



A massive yet ethereal wing, supported by two arcing supports, undulates above as an intricate mechanism rotates below. The 32 individual curvilinear organic wing elements ripple from the center out, actuated by linear pushrods driven by the turning of a helical shaft. The entire artwork stands in a pool among carefully controlled water jets and is illuminated from below with carefully controlled colorful patterns.

Inspired by Houston's diverse population and its costal location, the work references the connection between human and avian migration as well as Houston's aerospace heritage.







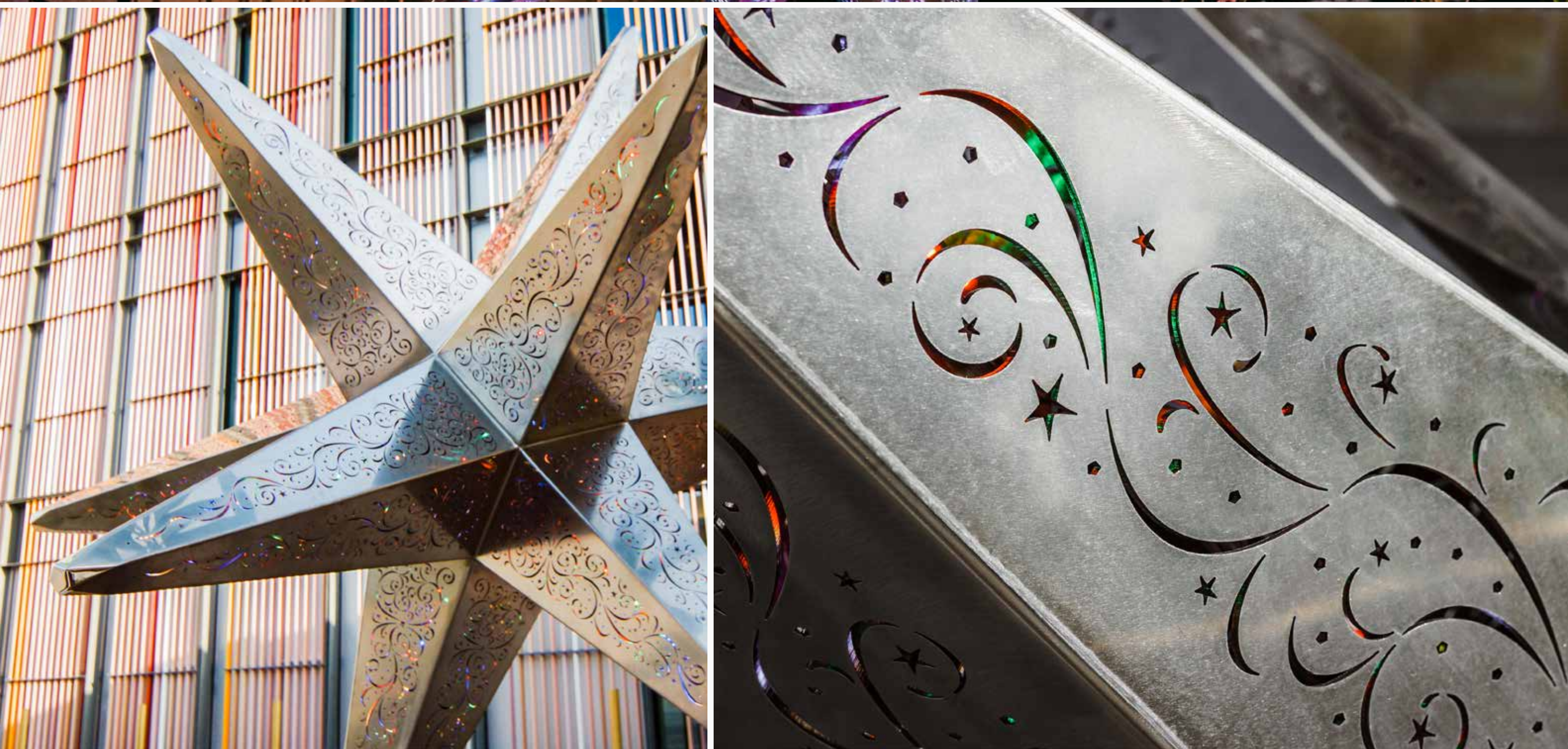
AS ABOVE, SO BELOW

DATE 2016
LOCATION Four Seasons Hotel, Abu Dhabi, UAE
DIMENSIONS 75" W x 82" H
MEDIA Lser-cut stainless steel, LED lighting,
electronics
CLIENT Four Seasons Hotel, Art Advisory Services





A series of five-pointed stars decorated with what appears to be a straightforward floral arabesque inspired by Islamic calligraphy. However, the 'vines' are created using conic sections – ellipses, parabolas, and spirals – the sort of pathways that stars and other bodies in space would take when guided only by gravity and their own inertia. They are also the pathways taken by subatomic particles after collisions.



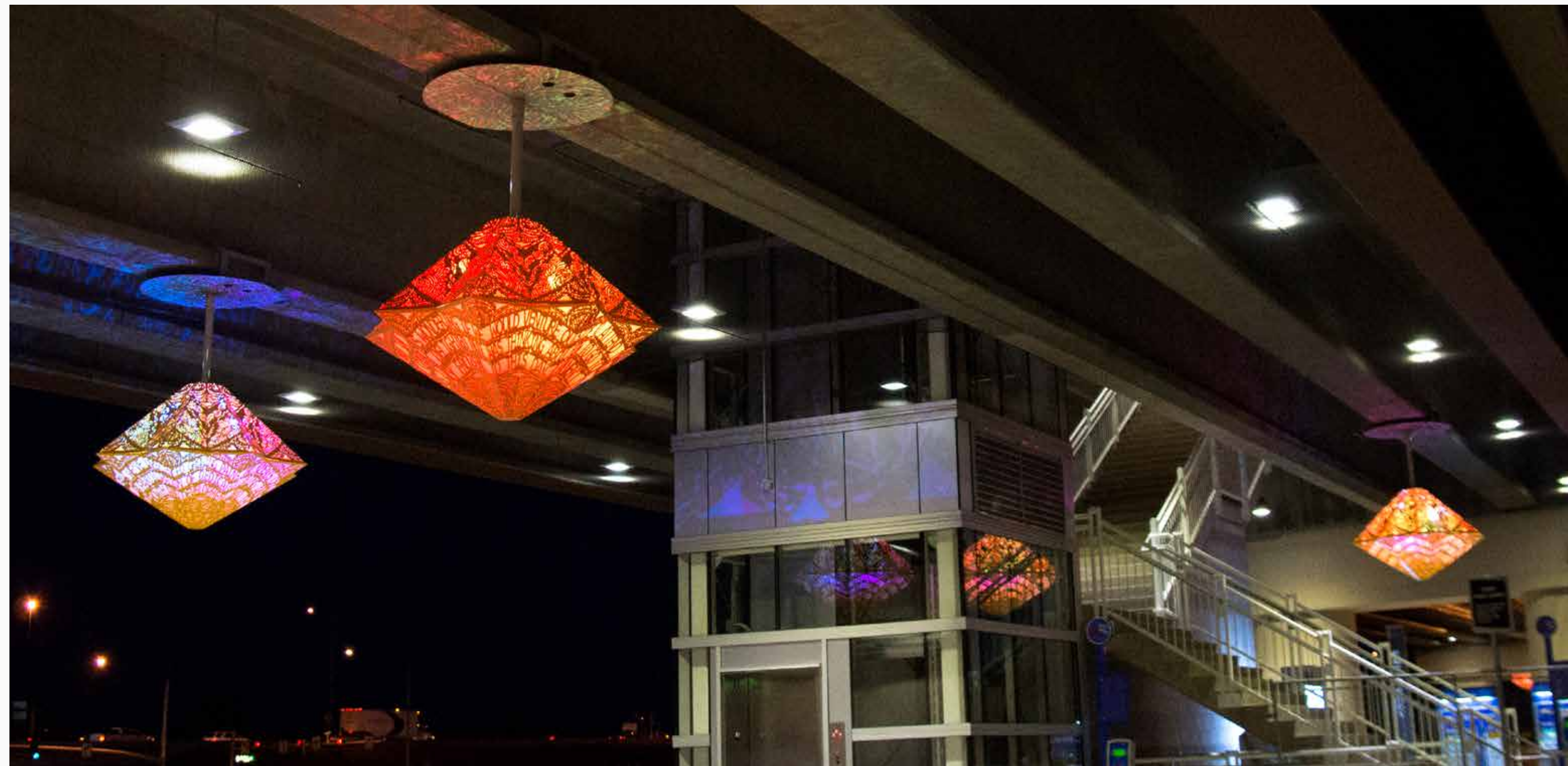
The title for the sculptures *As Above, So Below* suggests that not only do the same laws of nature apply on the scale of the universe as well as on earth but that there is an aesthetic similarity between the motions of heavenly bodies and plant forms on earth. At night hundreds of point source lights inside the sculptures project these colorful calligraphic patterns onto nearby objects and visitors.



STORIES INTERWEAVE

DATE	2016
LOCATION	Colfax Station, Aurora, CO
DIMENSIONS	5' Diameter
MEDIA	Powder-coated steel, LED lighting
CLIENT	Art in Public Places, City of Aurora

Stories Interweave was inspired by the variety and diversity of languages spoken in Aurora with the goal of celebrating the connections between these groups through language. We gathered phrases and stories from the local population and combined them to create a two-dimensional 'word cloud' pattern and to connect these groups in one piece that represents Aurora's population. The surface of each sculpture is made up of different languages cut into steel and welded together to create three-dimensional lantern-like forms intermixing languages and stories.



SMALL TALK ABOUT THE WEATHER

DATE	2016
LOCATION	Arts District Parking Garage, Oklahoma City, OK
DIMENSIONS	120' L x 16' W x 4' H
MEDIA	Acrylic, LED lighting, electronics, optical sensor
CLIENT	Oklahoma City Arts Commission

*Collaboration with Blessing Hancock



Small Talk About the Weather is a touchstone for the communal sharing of life experiences. In Oklahoma City, the weather is both terrifying and amazing. It is a topic that runs through daily life whether referring to a monumental event or as a topic of casual conversation. The weather becomes a shared experience that ties residents together. The spectacular extremes of the local climate are made visible and interactive in this sculpture.

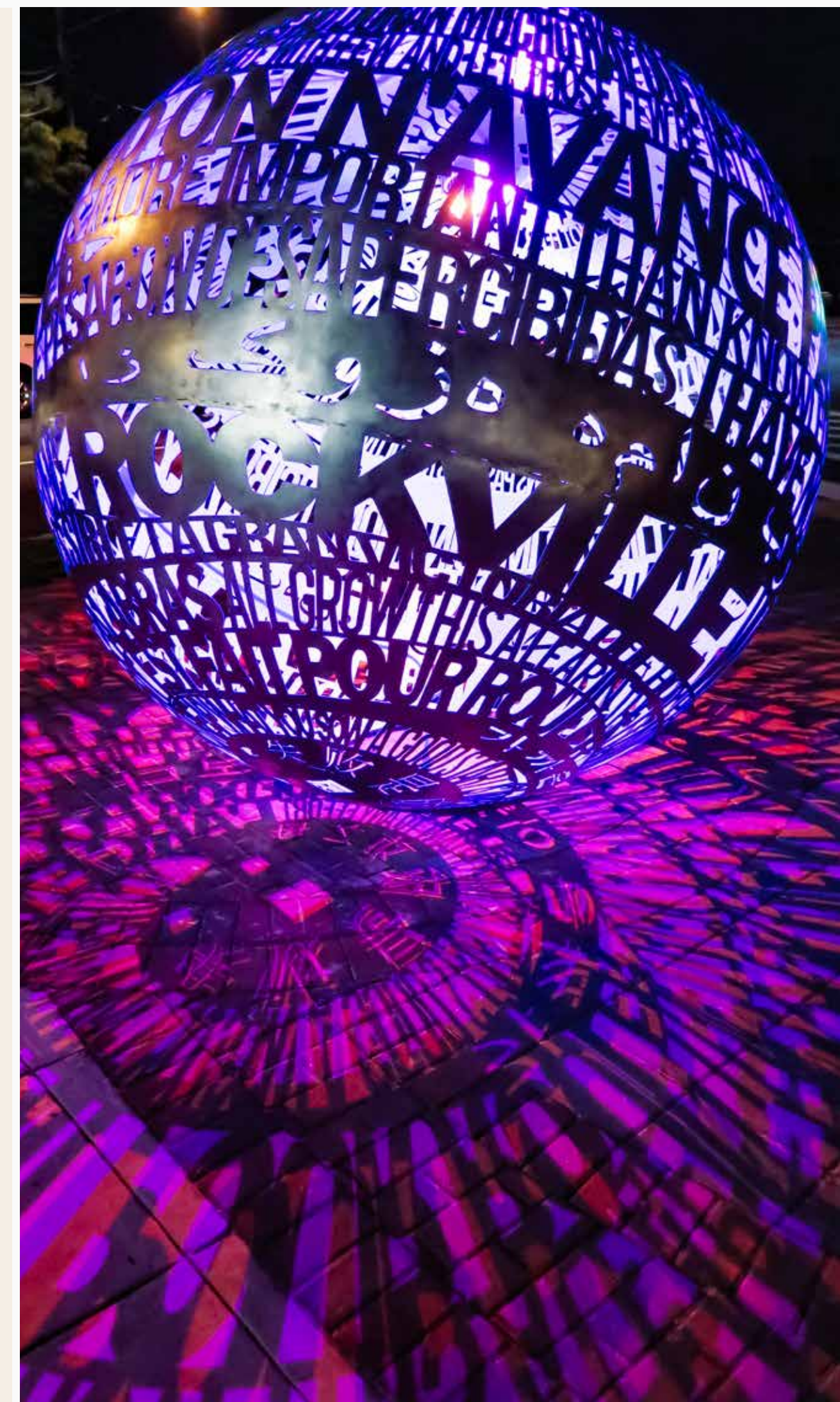
The sculpture consists of graceful organic geometries that flow and swirl along the length of the pedestrian corridor ceiling. These luminous bands give the impression of abstract weather patterns energetically glowing overhead and offering a stark contrast to the rectilinear geometries of the corridor. The piece features a sensor that enables passersby to control the lighting by waving their hands or playing a video on their smartphone. When used as a gesture controller, visitors have the experience of waving their hands and feeling like they are controlling the wind. When they hold up a device to the sensor, the entire ceiling comes alive and turns into a low-resolution screen that reproduces the colors and motion it picks up from the visitor's device.





MIRROR OF THOUGHTS

DATE	2015
LOCATION	Rockville Town Square, Rockville, MD
DIMENSIONS	8' Diameter
MEDIA	Powder coated stainless steel, LED lighting, touch-sensitive electronics
CLIENT	Foulger-Pratt Development, LLC



Mirror of Thoughts is a stainless steel sphere composed of bands featuring multi-lingual words, phrases, and symbols representing the diverse demographics of Rockville, Maryland. Located at a busy street corner, the piece acts as a marker drawing residents and visitors to the nearby Town Square- guiding them through space with color and light. The sculpture operates at a distance as a monumental form but also rewards close scrutiny over many visits, thereby maximizing the potential for interaction and discovery. The simple geometry and gentle curve of the sphere offers an organic contrast to the surrounding architecture. The curving bands in the sculpture are water jet cut, hammer formed and welded together to create a three-dimensional lantern. The interior of the sphere is powder-coated light blue, adding subtle color and visual interest during the day. At night, intense point-source LED lighting brilliantly illuminates the sculpture and projects intricate and colorful shadows on its surroundings. The lighting brings the sculpture to life and paints the sidewalk with color. The sculpture also includes a touch-sensitive button, which allows visitors to adjust the colors of the internal LED lighting.





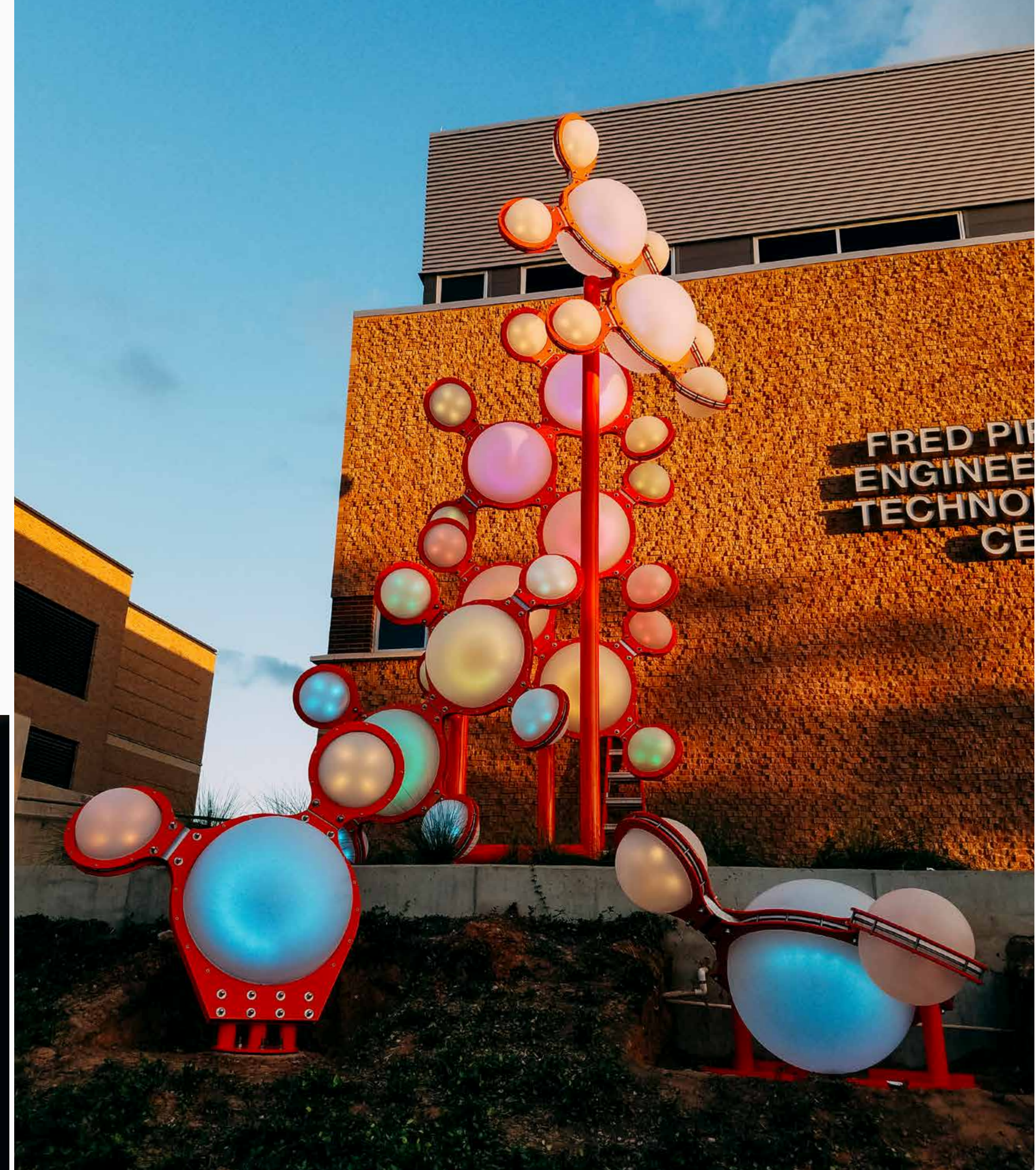
LATENT ENERGY

DATE	2015
LOCATION	Fred Pirkle Engineering & Technology Center, Sam Houston State University, Huntsville, TX
DIMENSIONS	13' W x 9' D x 25' H
MEDIA	Steel, acrylic, LED lighting, electronics
CLIENT	Sam Houston State University



Vibrant orange structures hold white translucent spheres in careful and deliberate patterns. A main tower of clusters gently tessellates down to the ground plane, with two separated clusters tapering the group into the surrounding foliage. At night, the clusters glow in bright vibrant colors, revealing their apparent abstraction as a representation of molecular transformation.

Latent Energy interprets a portion of a hydrocarbon molecule transitioning from its liquid to its solid form. This transition is characterized by the release of energy and an expansion in volume. This is the phase transition that Fred Pirkle, the namesake of the engineering building this work sits adjacent to, used in much of his work. The sculpture also imagines students developing personal structure through education and growth. The 'phase transition' that occurs in students as they reach a more solid state is also accompanied by a release of energy as they mature.





LENSES

DATE	2015
LOCATION	Scottsdale Quarter, Scottsdale, AZ
DIMENSIONS	200' L x 5' D x 30' H
MEDIA	Stainless steel, Koda XT, LED lighting, electronics
CLIENT	Scottsdale Quarter



An ordered collage of translucent rectangles and circles with a desert color palette wraps the exterior of a parking garage in Scottsdale, AZ. At night, the facade comes alive with an array of computer-driven lights projecting a dynamic panorama of color onto the facade, swiftly changing hues with each passing glance.



Lenses is about how we see. At night, the entire surface is a rectangular view-port that moves over iconic images in art history. The surface shows just a portion of each image but moves in a way that makes it possible for viewers to form the complete image in their mind's eye.





WANDERING STARS

DATE	2014
LOCATION	Cushing St & Granada Ave Streetcar Stop, Tucson, AZ
DIMENSIONS	West Bound Stop: 11'8" x 7'3" x 17'5" East Bound Stop: 31'2" x 12'6" x 17'10"
MEDIA	Steel, acrylic, electronics, touch sensor
CLIENT	Tucson Pima Arts Council



Wandering Stars is a pair of interactive sculptures located at the Cushing St & Granada Ave streetcar station in downtown Tucson, Arizona. Part of the Sun Link Streetcar construction project, the goal of the sculptures was to create a unique piece of art to define the stop among the twenty-two stations along the route and to respond to the unifying artistic concept of flow. The sculptures offer a colorful, chaotic 'swarm' of star elements that invite interactivity and celebration. The 'flock' of triangular forms are frozen in motion and elevated on columns that frame the west and eastbound stops.





COLOR WASH

DATE	2014
LOCATION	Pantano Wash, Tucson, AZ
DIMENSIONS	60' L x 12' W x 2' H
MEDIA	Polycarbonate, stainless steel
CLIENT	Tucson Pima Arts Council

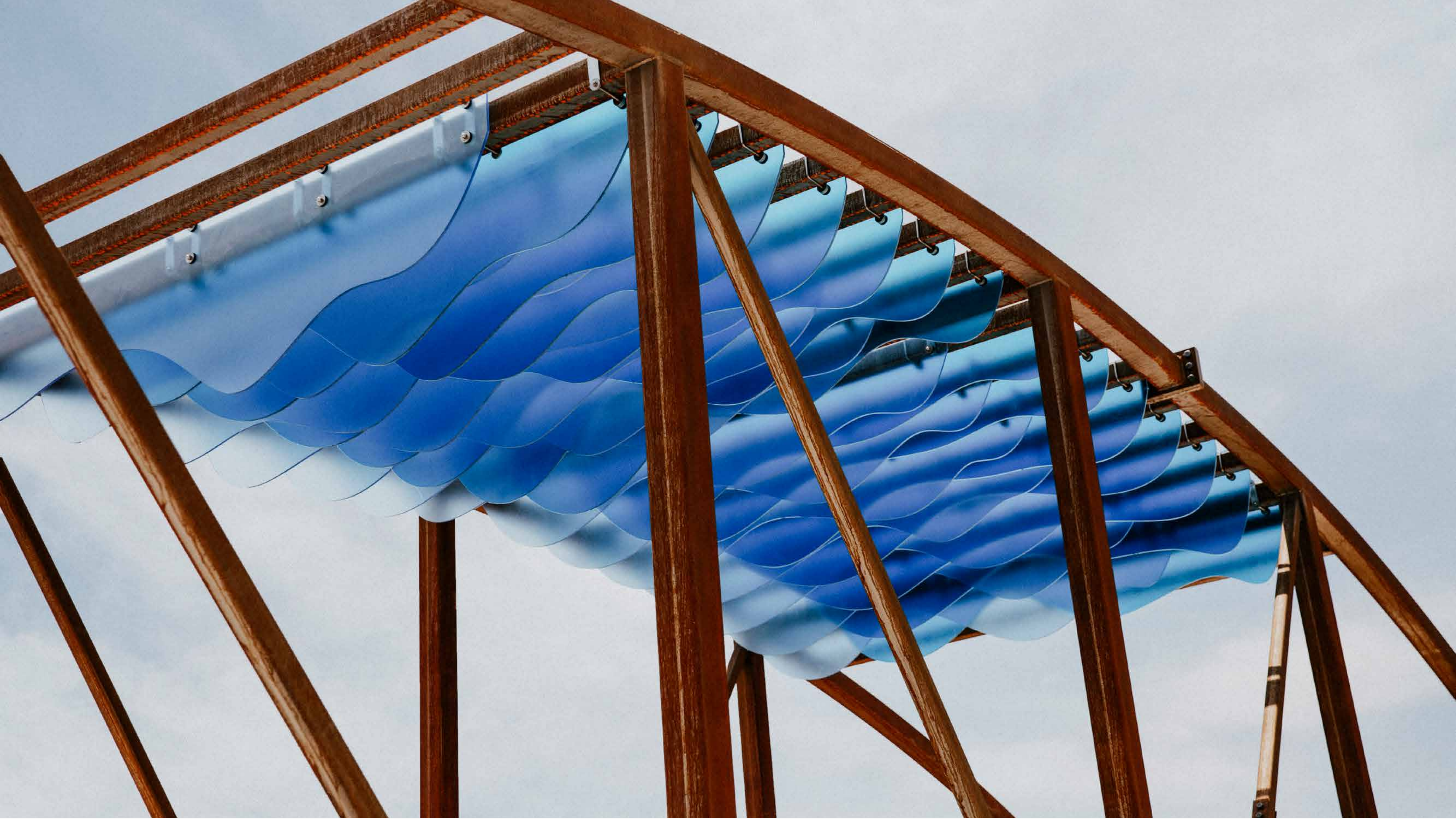
*Collaboration with Blessing Hancock

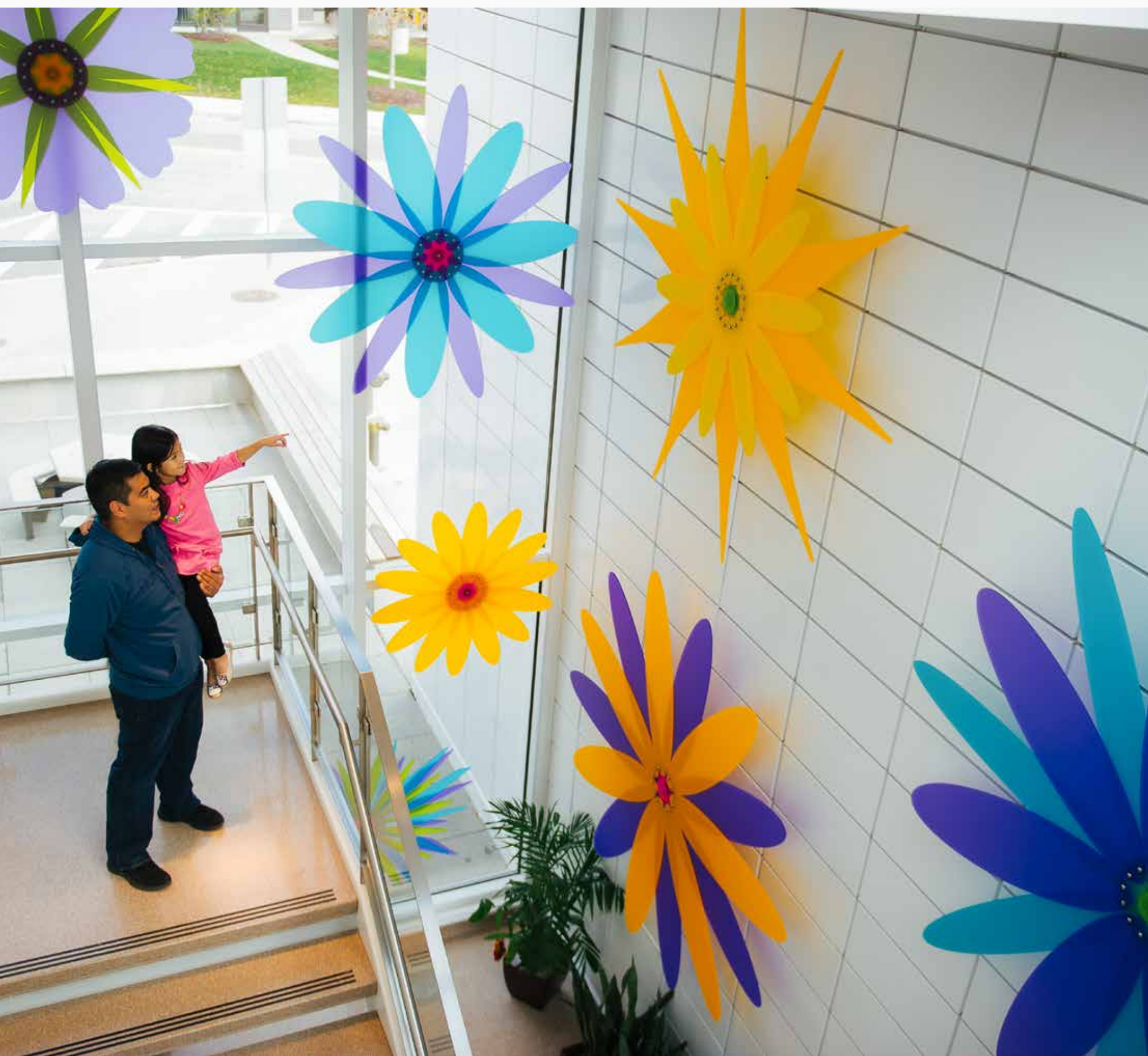


Color Wash is a colorful experience that presents the familiar image of flowing water in a new way. It adds vivid color to the sculptural form of the arched bridge as well as the arid desert landscape that surrounds it.

The artwork is visible from a distance and provides a special experience for visitors on the bridge. People near the bridge see a flowing stream of water as they look at the art lengthwise. As they enter the bridge and look straight up, the blue of the hanging panels blends with the blue of the Arizona sky. Our hope is that this artistic intervention to the bridge will make it both a pleasing addition to the landscape and a destination/meeting place for miles around. The effect is made possible by a relatively new UV-stabilized polycarbonate product that incorporates intense color in a protected interior layer.

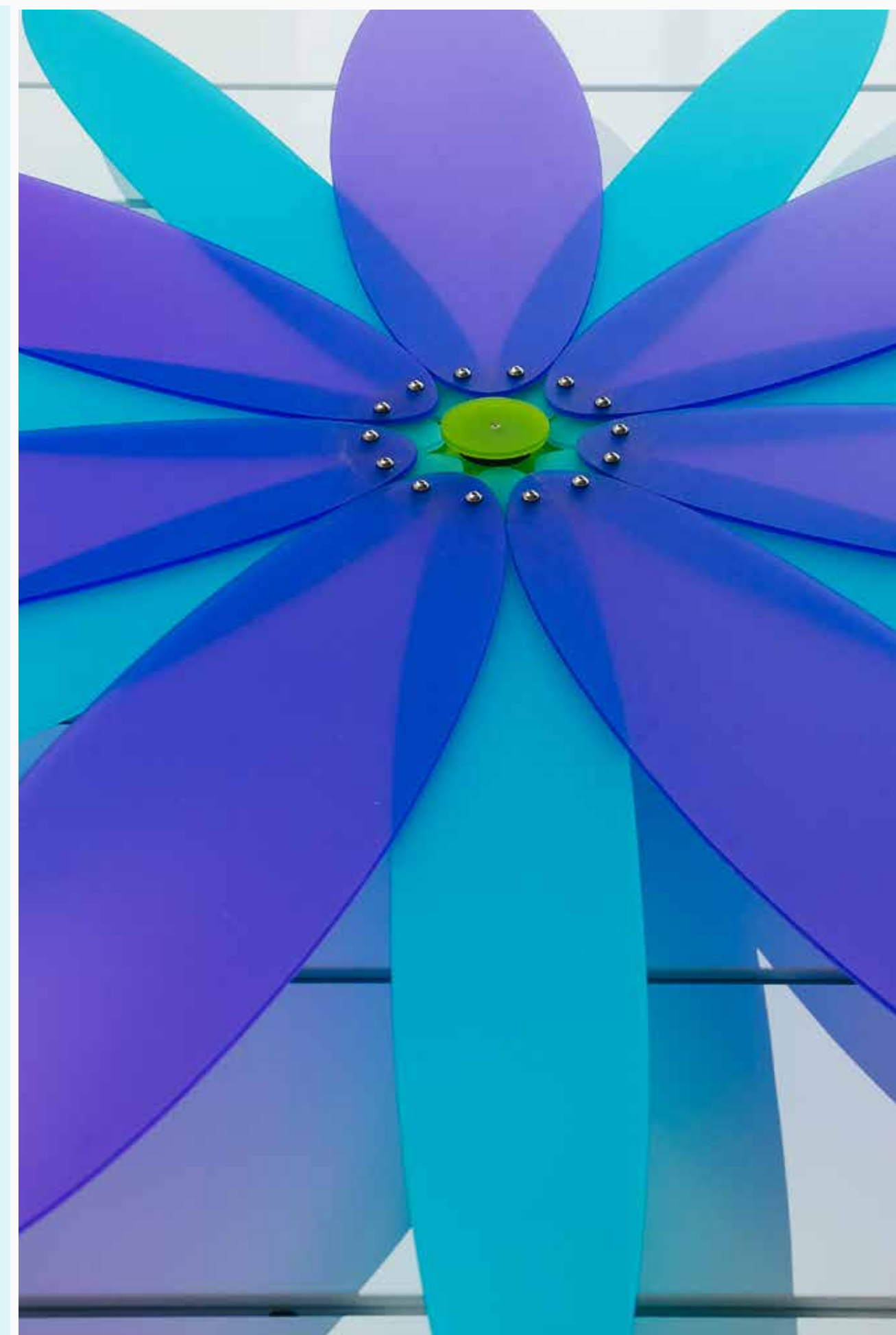




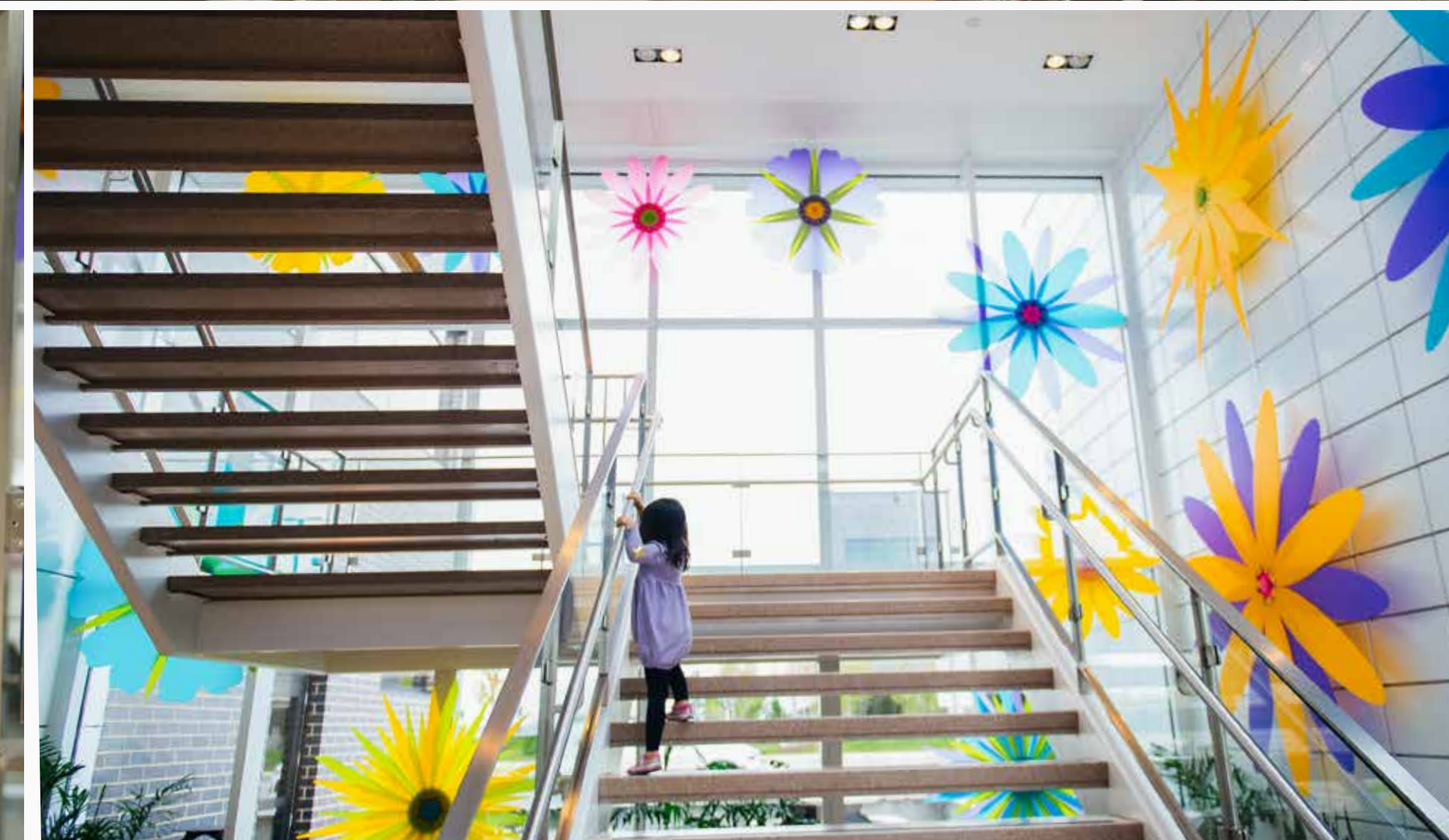


BLOOM

DATE	2014
LOCATION	Alexian Brothers Women and Children's Hospital, Hoffman Estates, IL
DIMENSIONS	Sizes vary
MEDIA	Steel, acrylic, electronics
CLIENT	Alexian Brothers Health System



Larger-than-life technicolor flowers slowly rotate, occupying the space between psychedelic and child-like imagination. Installed in a children's hospital, visitors can direct the motion of each pinwheel individually, allowing for a sense of control over an environment that can often be scary and unpredictable.



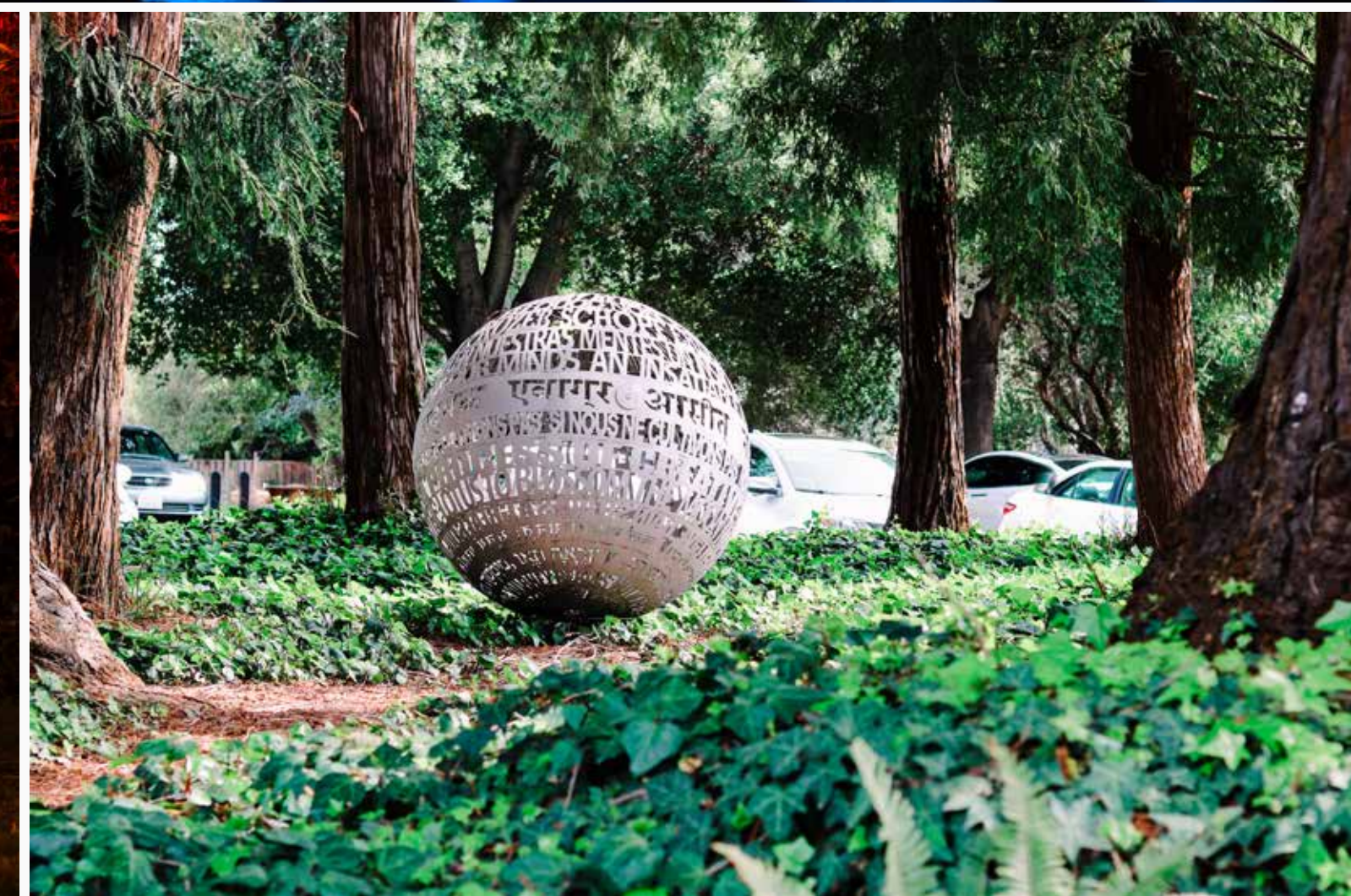


BRILLIANCE

DATE	2014
LOCATION	Palo Alto Library and Arts Center, Palo Alto, CA
DIMENSIONS	5' Dia - 6 total
MEDIA	Laser cut stainless steel, LED lighting, electronics
CLIENT	City of Palo Alto

*Collaboration with Blessing Hancock

A family of six forms stand in the landscape surrounding the Palo Alto Main Library. Each human-scale anthropomorphic body evolves in complexity from the last, starting and ending with the same simple sphere. The forms are built from a series of stainless-steel strips, each strip joined incompletely but inseparably to the next. Phrases in many languages solicited from the local community are represented within the strips. At night, colorful internal lights project intense shadows of the geometry and symbology onto the environment and the viewers, enveloping them as extensions of a single greater community and blurring the line between artwork and environment.





COCOON

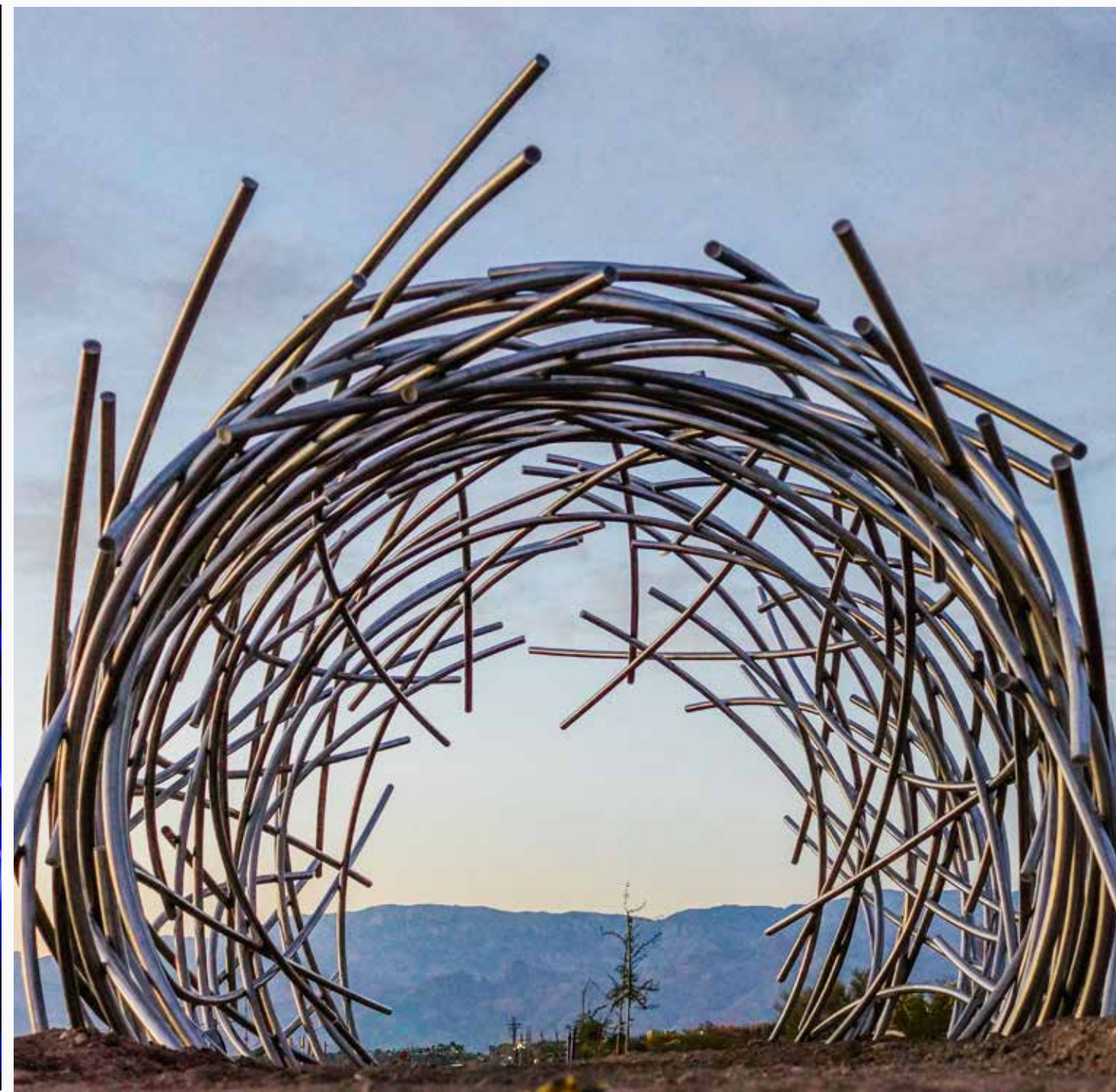
DATE 2014
LOCATION Houghton Rd, Tucson, AZ
DIMENSIONS 14' Dia x 38' L
MEDIA Stainless steel, LED lighting
CLIENT Tucson Pima Arts Council

*Collaboration with Blessing Hancock and Nina Borgia-Aberle





Gentle arcs are chaotically interwoven to form a open-ended stainless steel cocoon in the desert. Adjacent to a municipal bike path, the artwork offers an opportunity for travelers to explore their own senses of rebirth and realignment as they pass through the cocoon. During the daytime, the bright desert sun glints off the surface of the linear elements, while casting an organically geometric network of shadows onto visitors. At night, intensely colored lighting allows for the interaction between the static shadows of the artwork and the dynamic shadows created by visitors moving through and around the artwork.



SEEDPODS

DATE	2014 - present
LOCATION	Multiple locations
DIMENSIONS	6' Dia
MEDIA	Powder-coated aluminum, acrylic, LED lighting, touch-sensitive electronics



SeedPod is an interactive artwork inspired by abstract plant and animal life forms. A clean exterior pod form belies the internal complexity of the organic shapes inside the sphere. Two openings on either end invite viewers to peer into the artwork and discover the visual wonder inside.

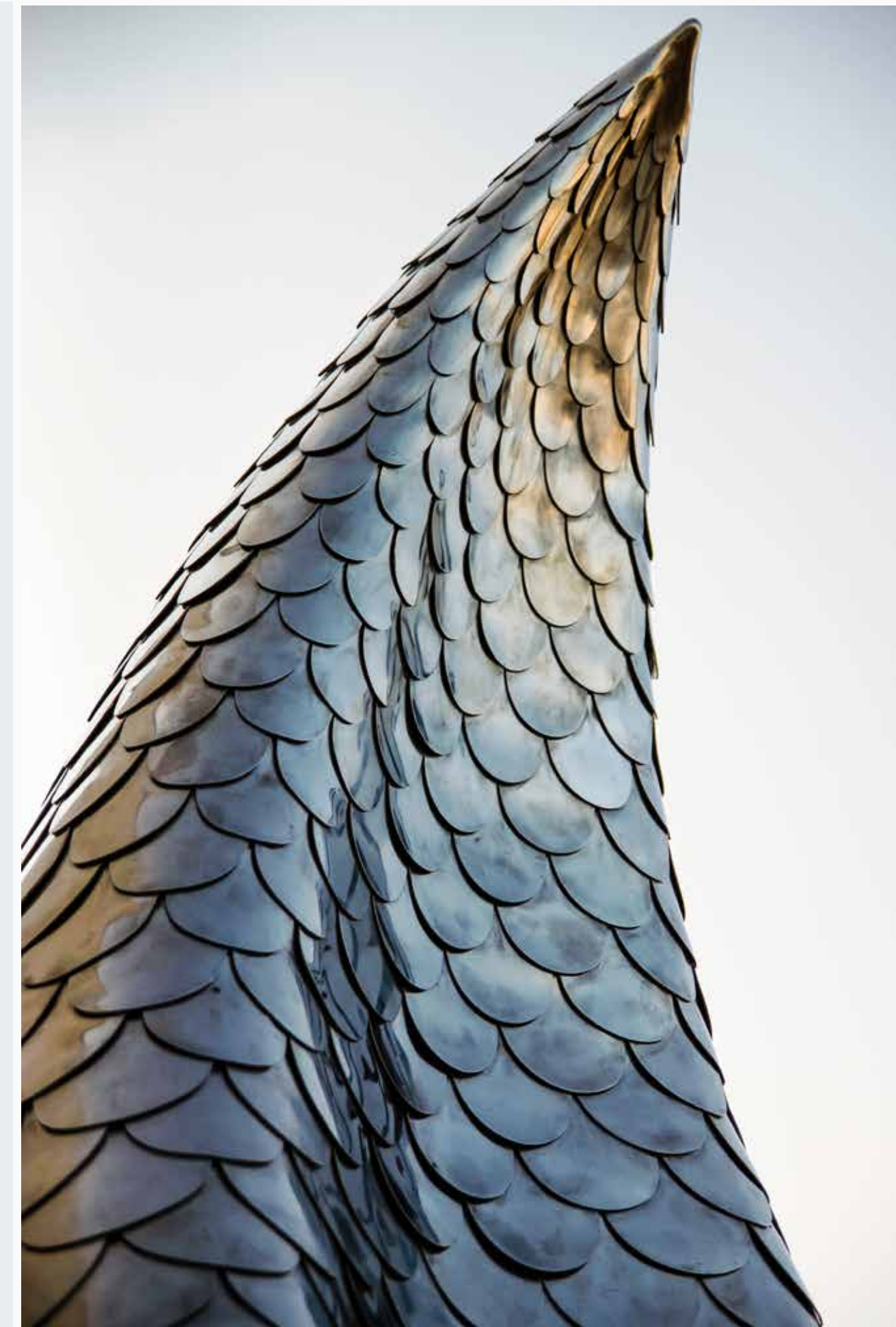
During the day, *SeedPod* is a pure white form while at night the acrylic glows with vibrant colors. By touching a special button, viewers can alter the color of the lighting and explore the feelings they associate with different hues. The piece has been featured at Glow Festival in Oracle, AZ, Chalk the Block in El Paso, TX, the All Soul's Procession in Tucson, AZ, Canal Convergence in Scottsdale, AZ, the Spark! Festival in Mesa, AZ.





PIOLE KABUTO

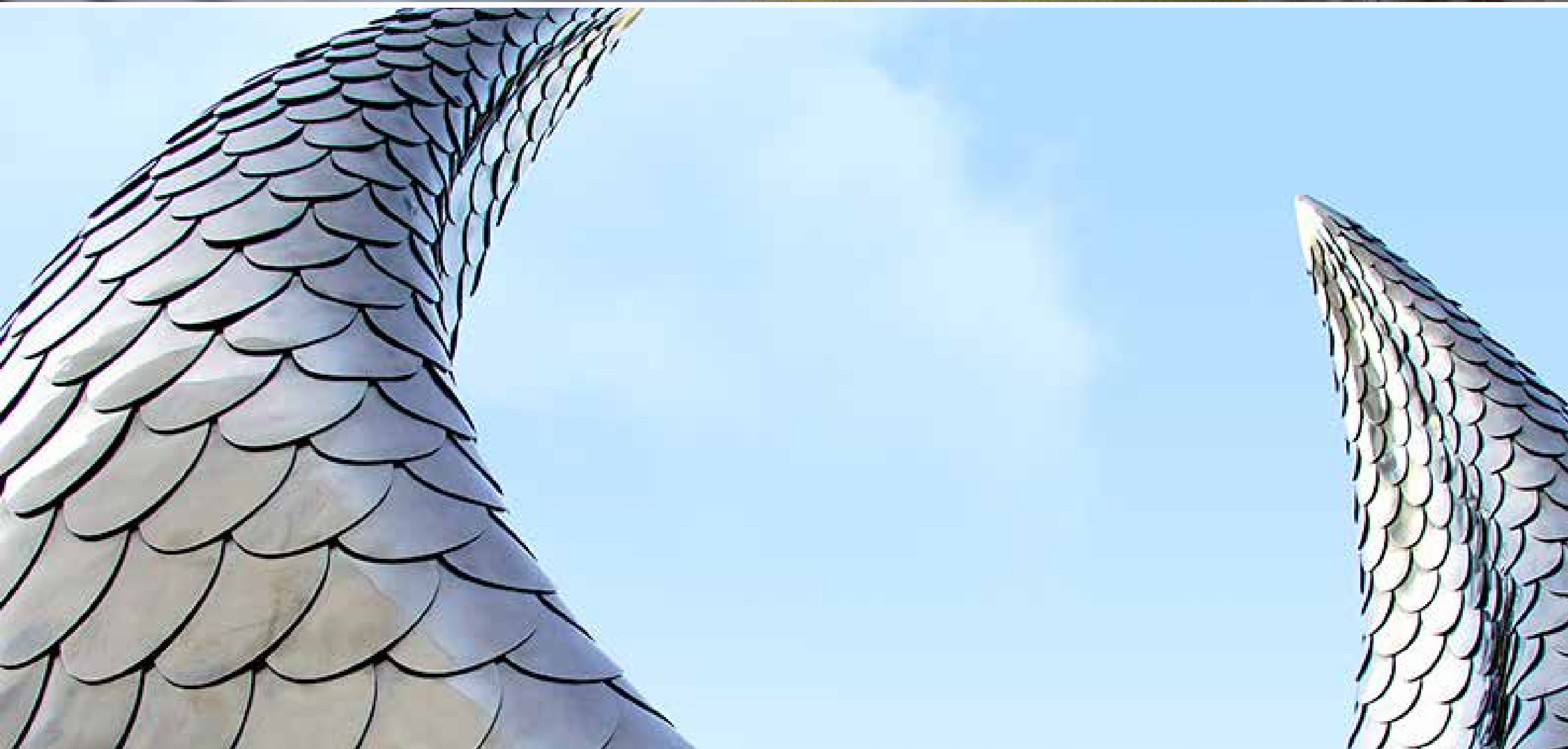
DATE	2014
LOCATION	Piole Shopping Center, Himeji, Japan
DIMENSIONS	7' L x 3' D x 9' H
MEDIA	Stainless steel, LED lighting
CLIENT	piole, Japan Railway Co., Ltd.





piole Kabuto is an abstract sculpture made from polished stainless steel. It is made from many curved scales that fit together in a way reminiscent of the roof tiles at Himeji Castle, a UNESCO world heritage site that can be seen from the rooftop the sculpture sits upon. The effect is to marry the modern materials and clean aesthetic of the piole shopping center with forms and construction methods used in Himeji Castle and the traditional architecture of the region. The form is inspired by Samurai helmets (Kabuto) and the Kuwagata beetle that inspired these helmets.

The shape of the sculpture invites visitors to take a seat or lift their children for photographs. At night, visitors can control the color of two optical projectors that cast sharp shadows of them sitting on the sculpture onto the large white walls of the mall where they are visible from up to one mile away.





TEXAS RISING

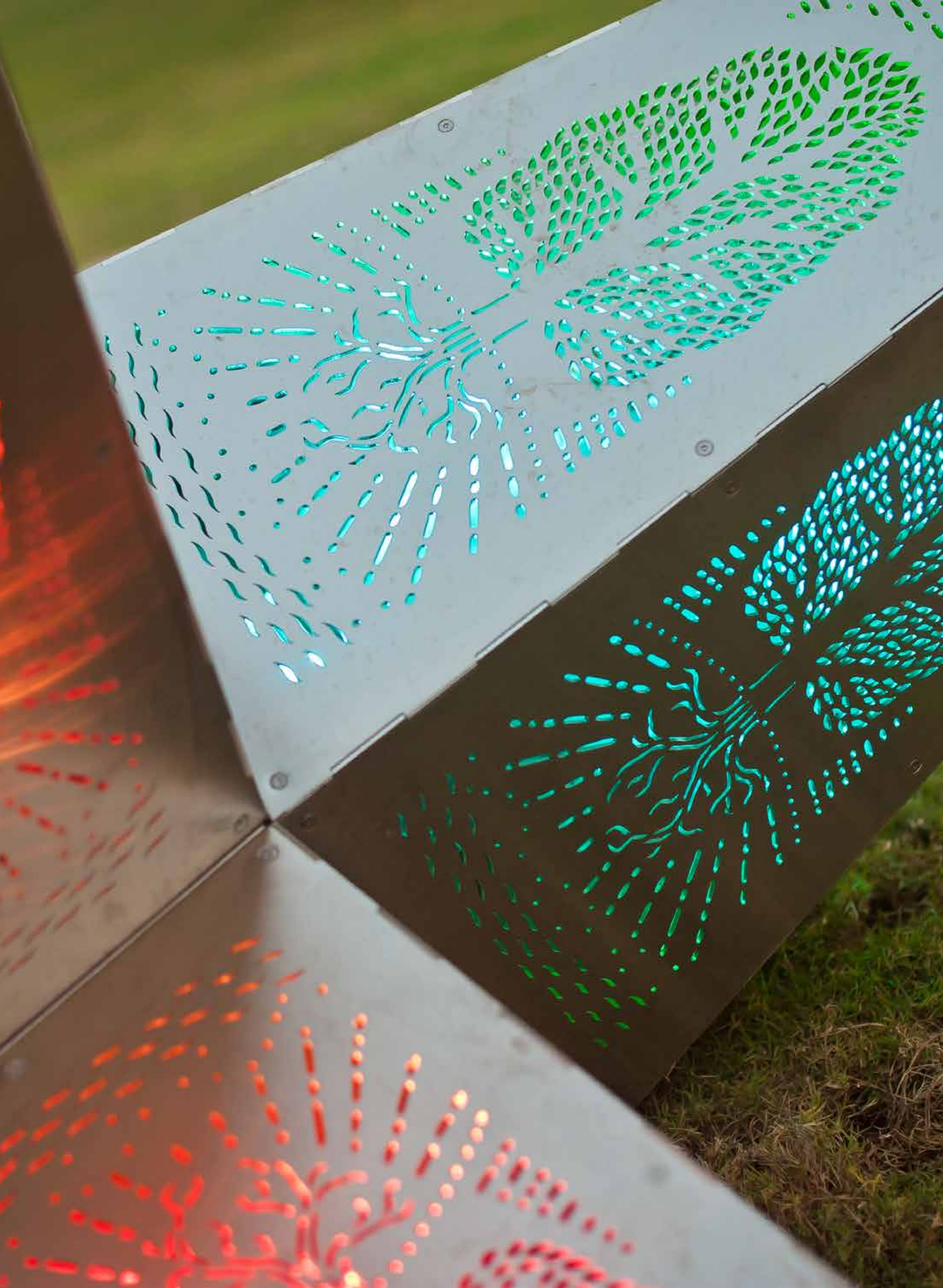
DATE	2014
LOCATION	Texas Tech University, Lubbock, TX
DIMENSIONS	(Large) 21' Dia, (Medium) 8' Dia, (Small) 6' Dia, (Chandeliers) 5' Dia – seven total
MEDIA	Laser cut stainless steel, LED lighting, electronics
CLIENT	Texas Tech University



Five star-shaped elements progressively emerge out of the courtyard of the West Village Campus at Texas Tech University while two additional elements hang in nearby archways, exploring new morphologies of the five-pointed star omnipresent across Texas. The sculptures in the courtyard explore stellated dodecahedron geometry in different stages of development rising out of the ground. In archways of the adjacent building, fully emerged stars rise well above the viewer.

The stars are perforated with unique 2D patterns abstractly representing the university's values, achievements, and traditions. Each one contains a secret element for visitors to discover and pass on to younger students. At night, intense and gently color-changing lights project these intricate and playful patterns onto viewers and the environment, enveloping them as extensions of a greater community and blurring the line between artwork and environment.









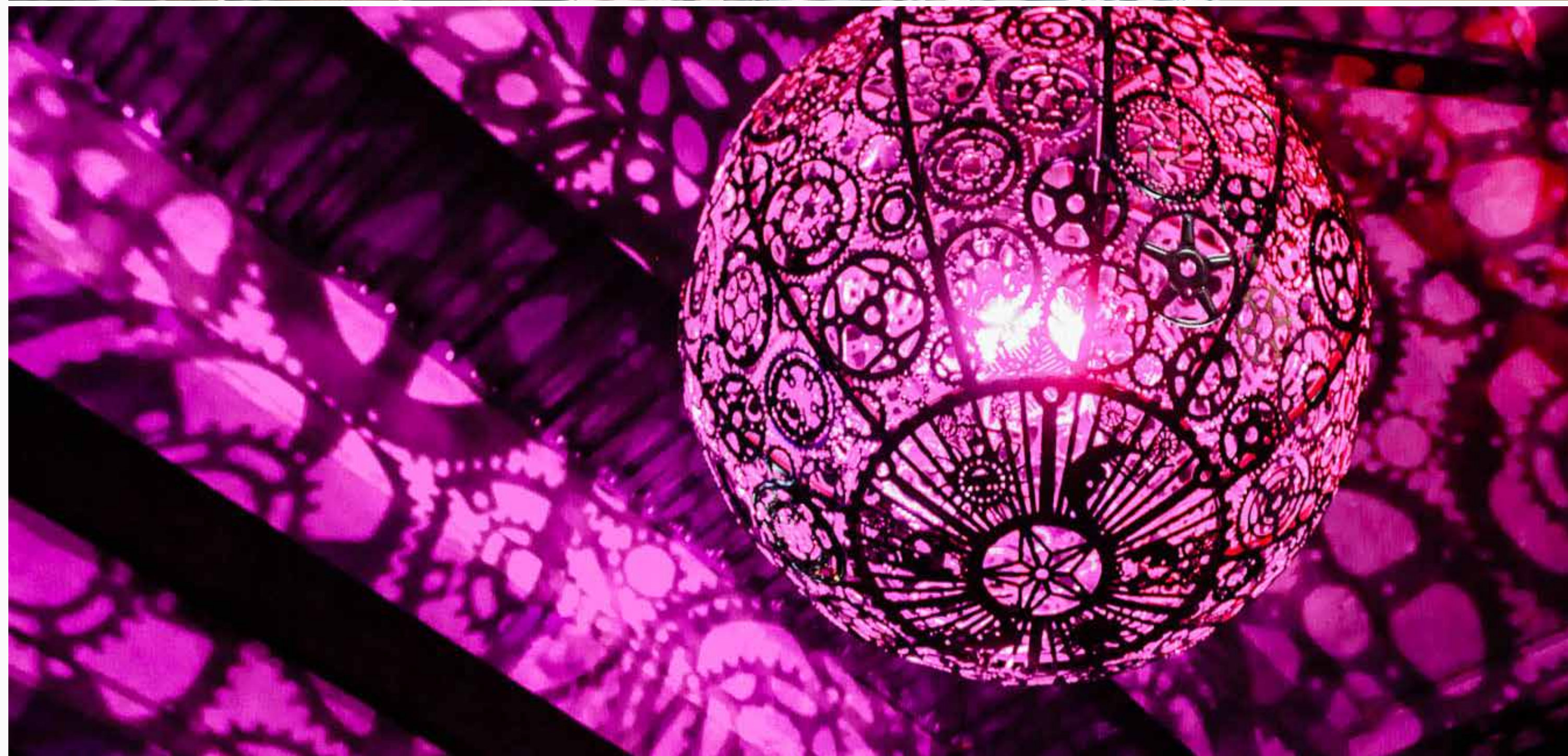
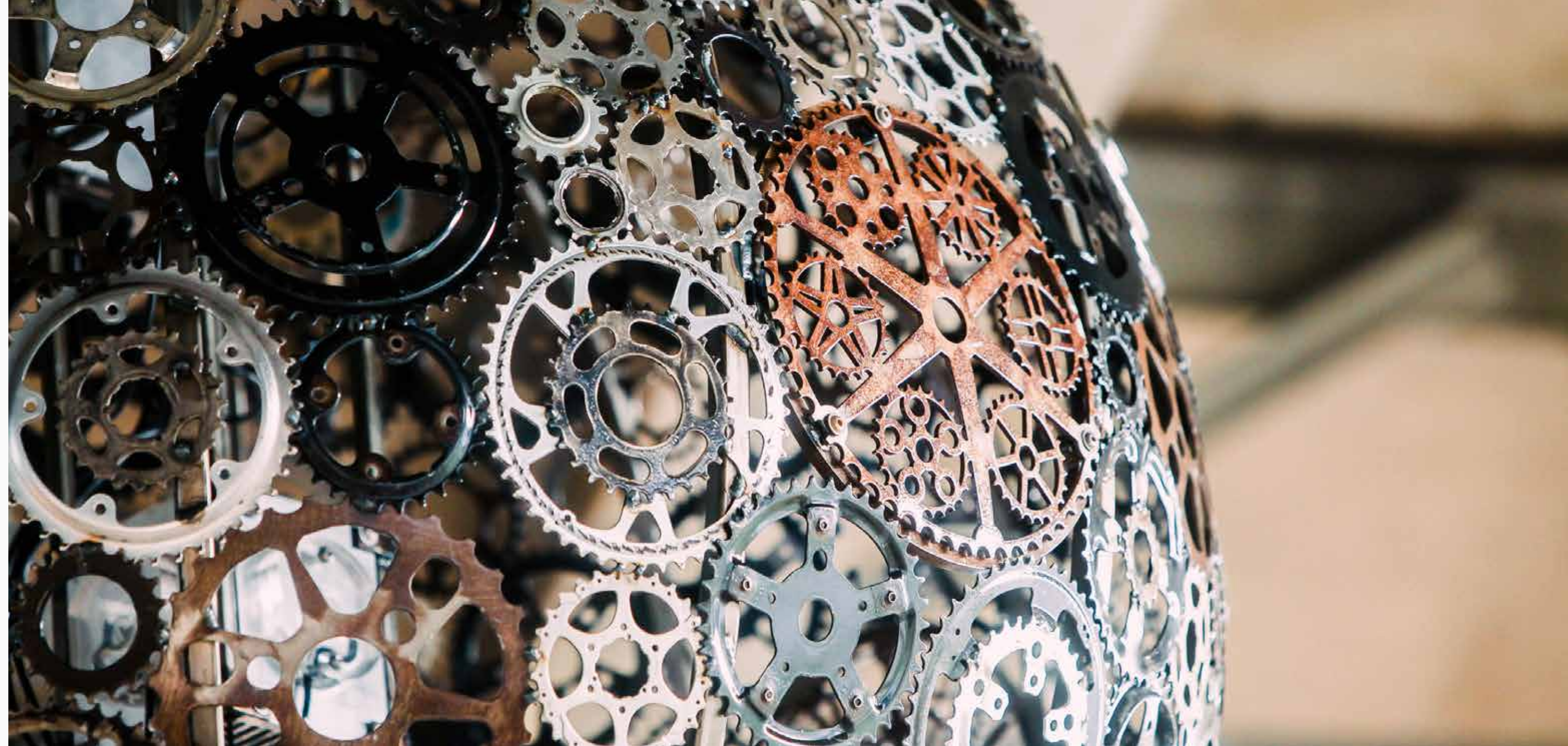
BALLROOM LUMINOSO

DATE	2013
LOCATION	Theo & Malone Underpass at I-35, San Antonio, TX
DIMENSIONS	48" Dia - 6 total
MEDIA	Powder coated steel, recycled bike parts, LED lighting
CLIENT	Public Art San Antonio

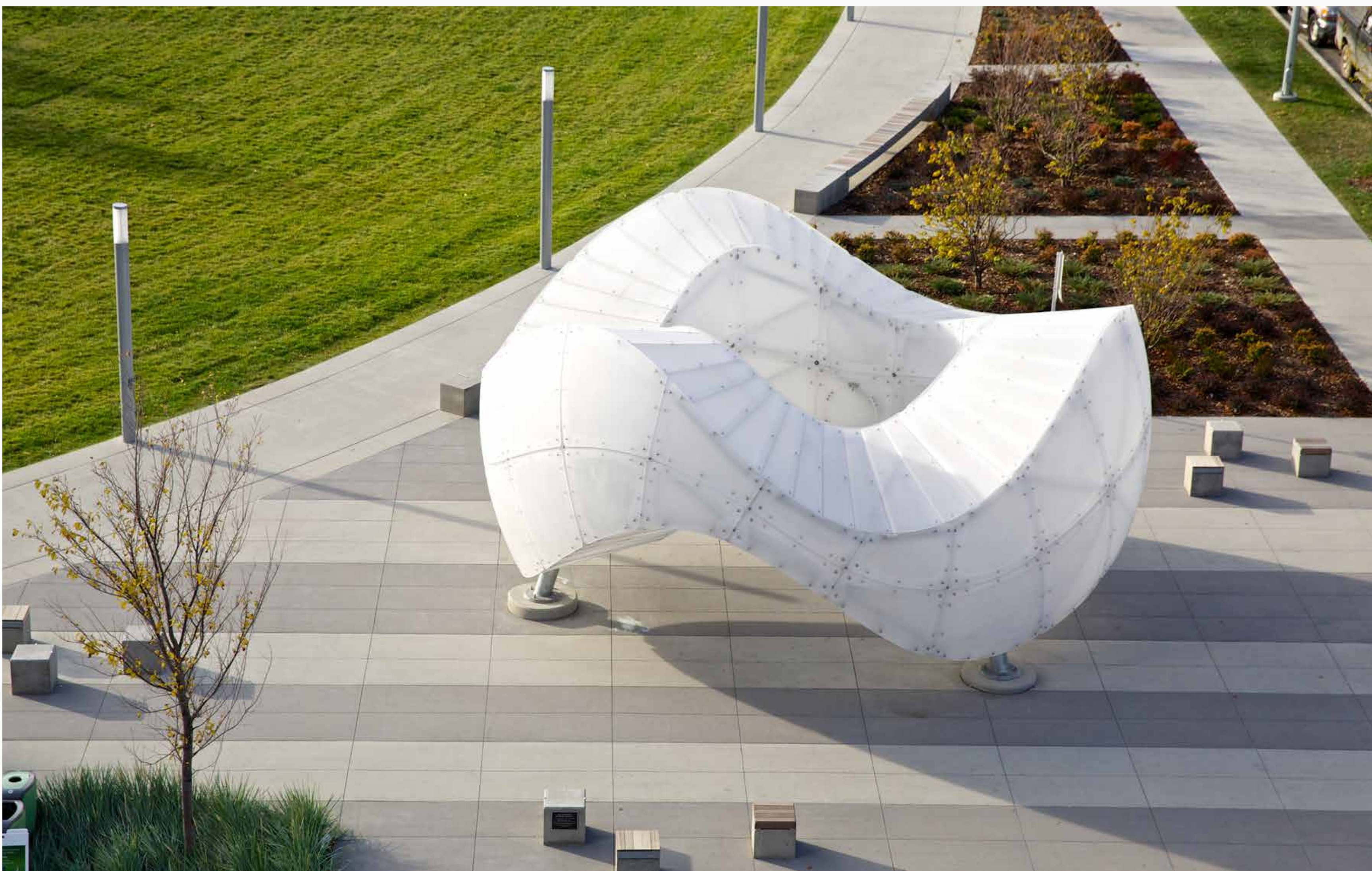
*Collaboration with Blessing Hancock

Ballroom Luminoso is a light installation that transforms a freeway underpass into a majestic ballroom theater of complex colored shadows and surreal projections. Six ephemeral globe chandelier-projectors utilize reused bike parts to filter intense color-changing light sources as they project the artwork onto the surrounds and the participants alike.

The artwork references the area's past, present, and future in the design of its intricately detailed medallions. The images in the medallions draw on the community's agricultural history, strong Hispanic heritage, and the burgeoning environmental movement. The medallions are a play on the iconography of La Loteria, which has become a touchstone of Hispanic culture. The piece was awarded the 2013 SXSW Transformative Design Award.







CHINOOK ARC

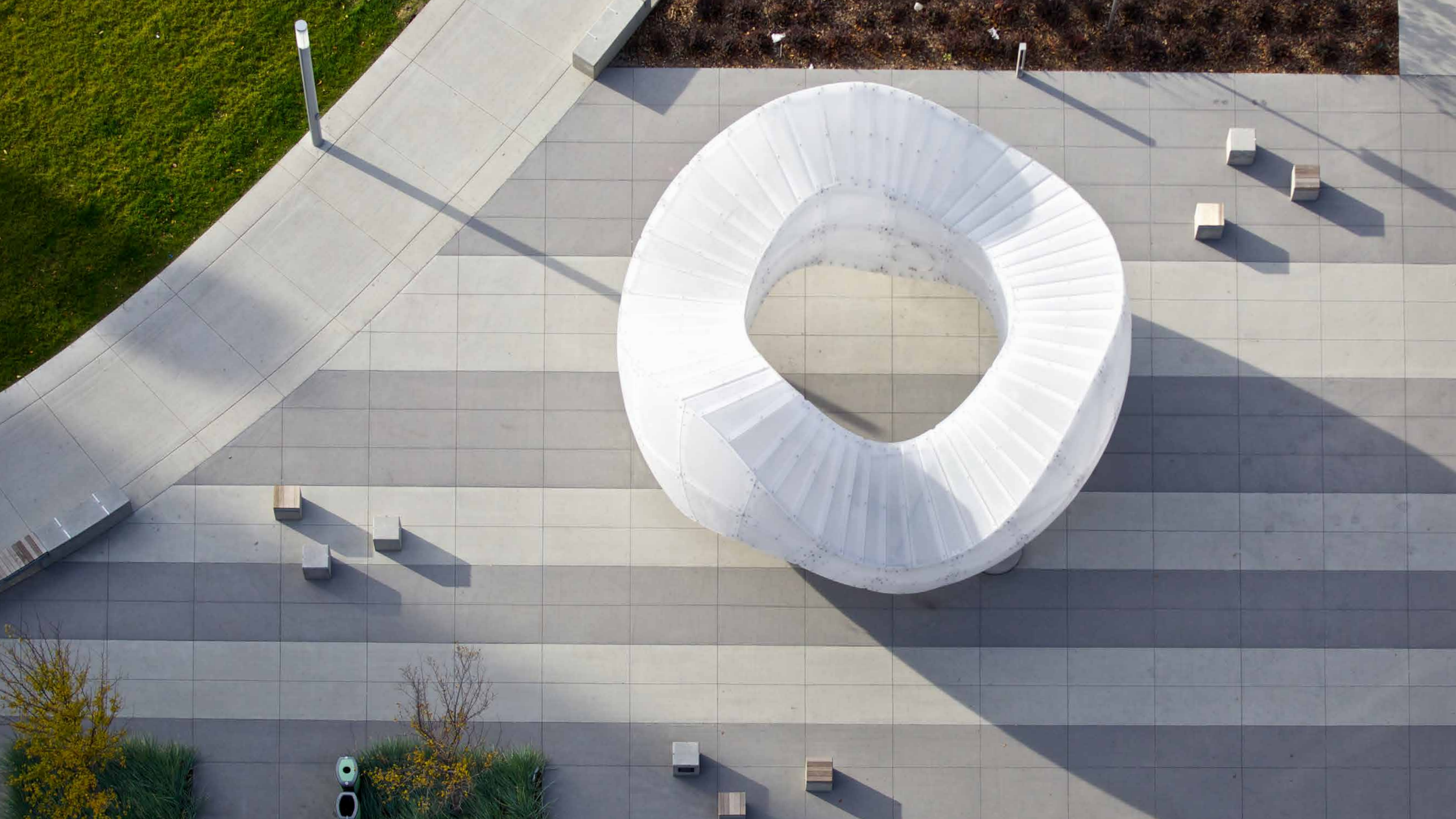
DATE	2013
LOCATION	Barb Scott Park, Calgary, Alberta, Canada
DIMENSIONS	28' Dia x 15' H
MEDIA	Steel, acrylic, LED lighting, electronics, touch sensors
CLIENT	City of Calgary

*Collaboration with Blessing Hancock

An enormous undulating translucent ring of ethereal color stands on three legs, equal parts mechanical and organic. Inspired by the similarly-named weather phenomenon that periodically blankets the local Alberta sky, this work engages with viewers through various forms of amorphous boundaries in form, color, sound, and light. Moving in, out, and around the form all while having the ability to delicately manipulate the lighting conditions encourages viewers to explore their own relationships with color and space. Occupying the inside of the work also provides for a unique separation from the hustle and bustle of the city, limiting the viewer's perspective to the sky above and creating a sonic micro-environment.

Chinook Arc is programmed with hours of light programs related to seasons. It also contains a unique sensor that allows visitors to control the lighting by waving their hands, objects, and videos on their cell phones.







FISH BELLIES

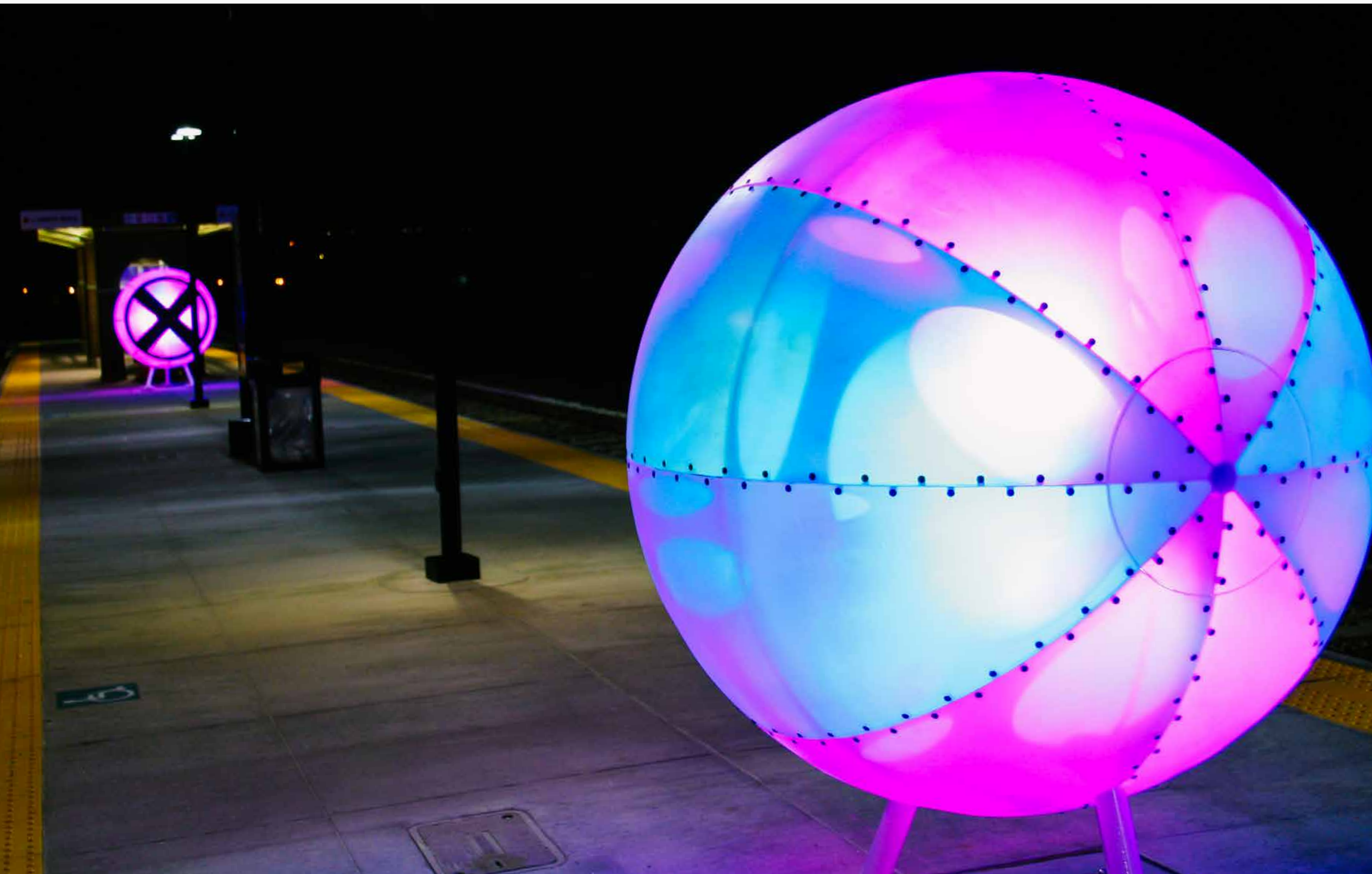
DATE	2013
LOCATION	Texas State University, San Marcos, TX
DIMENSIONS	30' L x 15' W x 12' H — 12 total
MEDIA	Acrylic, stainless steel, LED lighting, electronics, touch sensors
CLIENT	Texas State University

*Collaboration with Blessing Hancock

A series of organic glowing pods are loosely stacked to flow across a dormitory courtyard on the Texas State University campus. The large biomorphic forms draw inspiration from the social and biological diversity of the nearby San Marcos River, reflecting parallels between its ecological life and the University's varied student body. During the day, the piece's translucency recalls an ethereal anatomy while at night it transforms into a bio-luminescent landscape. People can climb atop and occupy the inside of the shells, adjusting the color of their individual pod to create a personalized mini-environment.





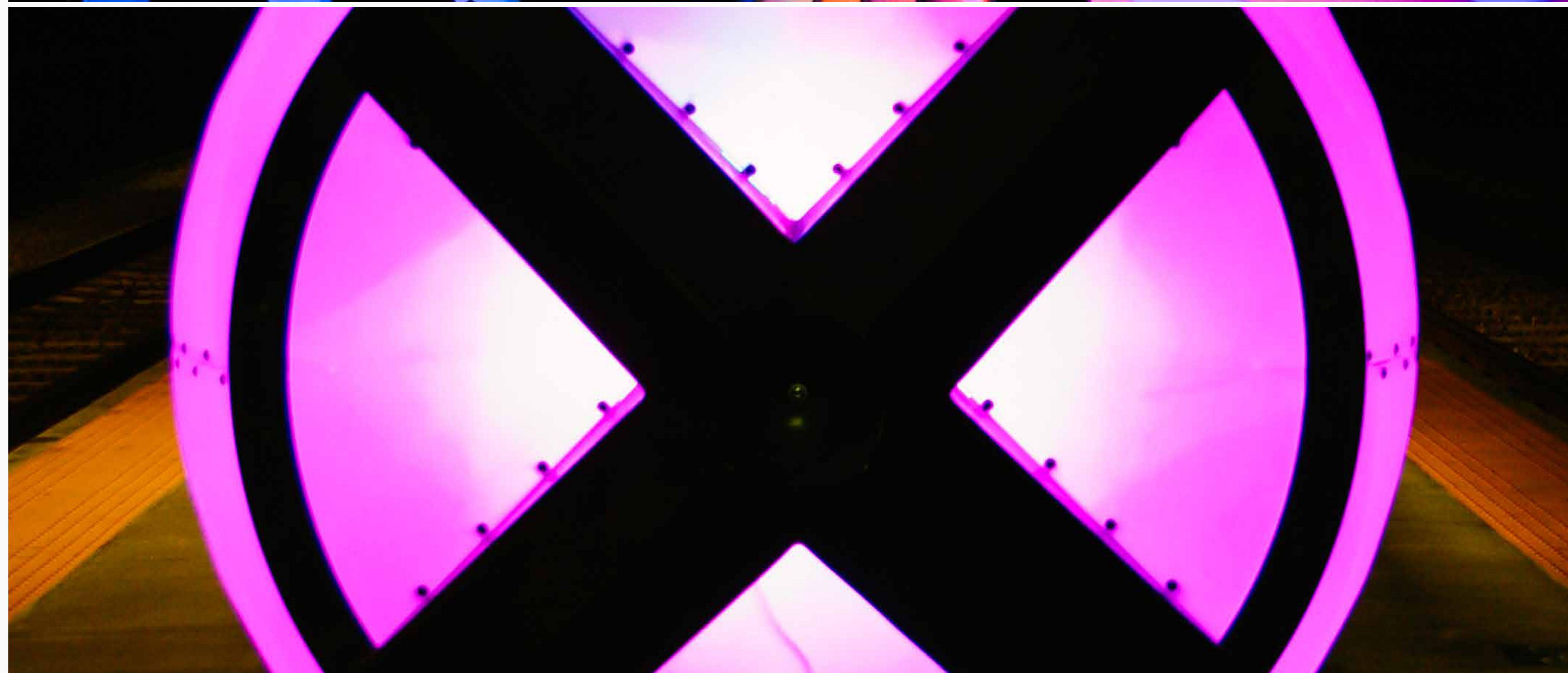


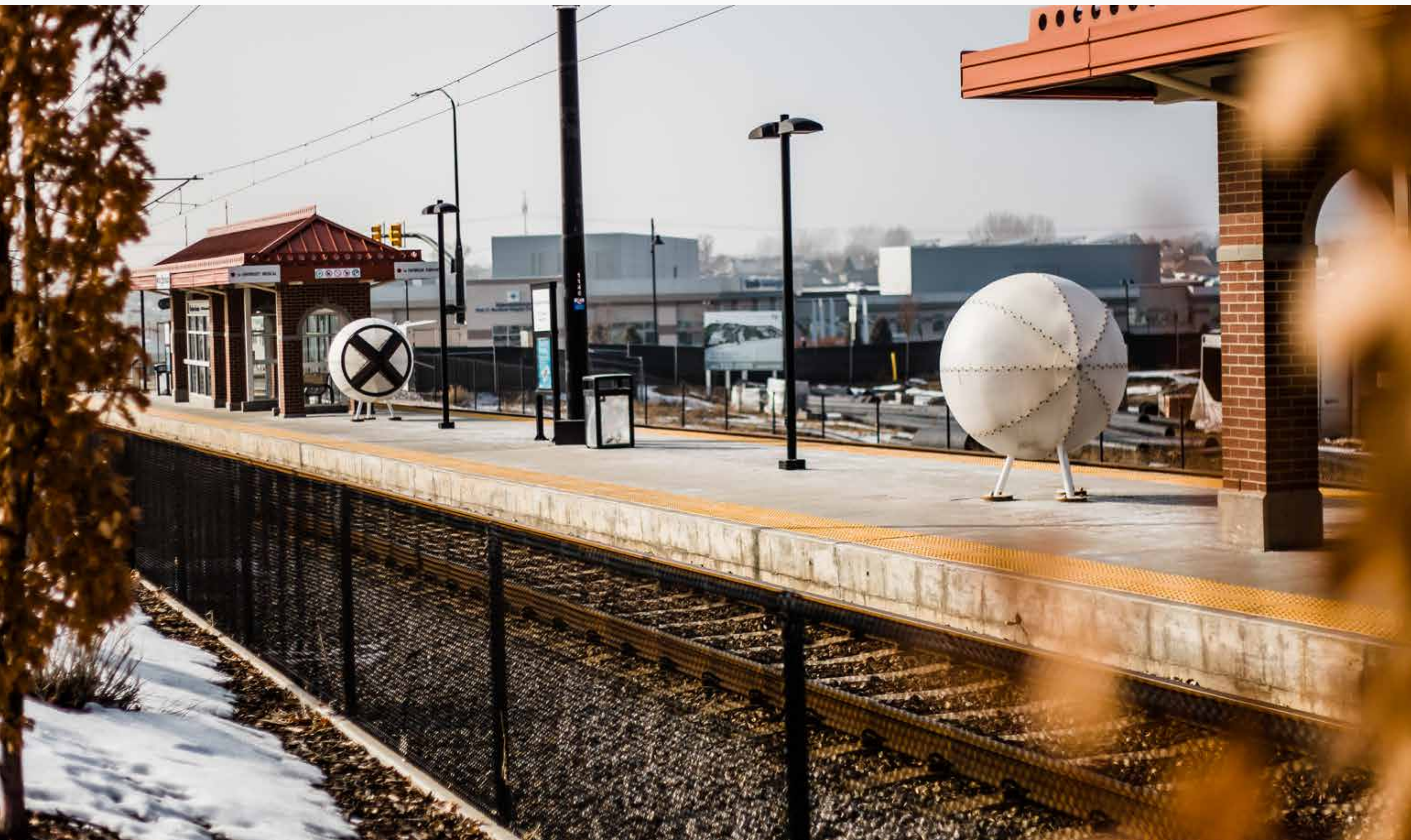
UTAH BIT AND MINE

DATE	2011
LOCATION	Bingham Junction Light Rail Station, Midvale, UT
DIMENSIONS	14' Dia x 38' L
MEDIA	Steel, acrylic, LED lighting, electronics, touch sensor
CLIENT	Utah Transit Authority

*Collaboration with Blessing Hancock and Nina Borgia-Aberle

Two translucent white spheres, each with a single face, oppose one another along a light rail platform. Radial lines patterned with small fasteners flow from the back of the spheres towards the front, echoing the regional vernacular of riveted steel mining equipment, where on each they are interrupted by a flat cut circular face. From the face on one sphere protrudes a black pointed cross, an abstraction of a traditional rock drilling bit tip. The face on the other sphere pulls a black and a white spiral into the body of the sphere, an abstraction of an open pit mine. At night, both spheres glow, colorfully exchanging back and forth in a dialogue.







BIKE CHURCH

DATE	2009
LOCATION	Granada Ave, Tucson, AZ
DIMENSIONS	12' W x 12' L x 22' H
MEDIA	Powder-coated steel, bicycle parts, acrylic, LED lighting, solar panels
CLIENT	Pima Association of Governments — Teaching Artist Grant, TPAC
BUDGET	\$90,000

*Collaboration with Blessing Hancock





A skeletal structure stands alone among naturally landscaped desert plants and rough walkways. The simple geometric framing of lines and arcs is infilled with a collage of bicycle parts to construct a spiritually ambiguous chapel, all painted a ghostly white. This uniformity is contrasted with brightly colored transparent medallions orbiting the upper level of the structure, each representing a story told by the 12 designer-fabricators. Solar-powered lighting illuminates the building at night as a glowing beacon in the landscape.

The artists led a group of high school students through the design and construction of the work for Barrio Anita, a historical neighborhood in Tucson, Arizona. As a shrine, *Bike Church* allows visitors to contribute to the sculpture by placing pictures or other mementos at the memorial. It has become a place for sorrow and joy; mourners regularly leave flowers for fallen cyclists and at least one couple has been married inside the piece. In the years since the artwork was created, *Bike Church* has become a gateway to the neighborhood and a symbol of public art in Tucson.





TOBY

DATE	2009
LOCATION	Scott Avenue, Tucson, AZ
DIMENSIONS	12' x 7' x 8'
MEDIA	Powder-coated steel, LED lighting, concrete texture (footprints)
CLIENT	City of Tucson, AZ



Toby is a sculpture located in the heart of downtown Tucson, Arizona. Griffins have historically been placed on libraries and churches as guardians of valuables. The former Carnegie Library across the street originally had stone griffins perched on the upper corners of the building. There was a fire in 1938 and in the subsequent renovation, the Griffins were destroyed. We like to think that one escaped. The one that escaped was named *Toby*, and he jumped down from the building and left his footprints in the concrete as he ran to his current location on Scott Avenue. *Toby* includes incredibly bright red LEDs at his heart which, at night, cast the sharp outlines of his ribs on the buildings and sidewalks nearby. The sculpture consists of painted steel in the shape of a Griffin (half lion, half eagle) and an intense light source that is active whenever the street lights are on.





WONDROUS

DATE	2008
LOCATION	Wheeler Taft Abbott Sr. Library, Marana, AZ
DIMENSIONS	19' L x 3' D x 9' W
MEDIA	Galvanized steel, LED lighting
CLIENT	Tucson Pima Arts Council

*Collaboration with Blessing Hancock

A corrugated word-cloud rises from the earth, presenting a jumble of phrases that hover on the edge of comprehensibility. Inspired by the Artists' personal experience visiting the library as a child, the algorithmically-driven word organization references the experience of reading many books simultaneously. Phrases from fiction, history, biography, and science swim around in one's head and recombine into phrases that suggest new meanings.

Wondrous was created through direct interaction with the community. Local visitors to the library contributed words from a diverse range of their favorite books. The visual word patterns were developed algorithmically to enable the viewer to notice phrases and connections inspired by their own experiences. At night, intensely colorful lighting amplifies the ordered chaos of the word-cloud by projecting overlapping versions of the text onto the library wall and viewers alike, enveloping them as extensions of a single greater experience and blurring the line between artwork and environment.





DESERT O

DATE	2004
LOCATION	Downtown Tucson, AZ
DIMENSIONS	6' W x 1.5' D x 7' H
MEDIA	Steel, acrylic, LED lighting, electronics, touch sensor
CLIENT	Tucson Pima Arts Council

An illuminated, translucent torus stands on two legs, at a human scale, encouraging viewers to interact with it both as a fellow being and an object to inhabit. During the daytime, the attached solar system absorbs and stores energy to re-emit at night as ethereal and playful light patterns that recur weekly. These patterns vary day-to-day, positioning the work as a unique timekeeping piece. A secret touch sensor allows visitors to control the lighting themselves.





USA

ARIZONA (21)

- Desert O
- Wondrous
- Public Drums
- Toby
- Bike Church
- Wandering Stars
- Wet Wheel
- Cocoon
- Watercolor Wall
- Peaceable Kingdom
- Color Wash
- Lenses
- Flowers
- Sprouts

- Twilight Garden
- Lithoglyphs
- The Breeze is so Busy
- Chasing the Stars
- Shimmering Sea
- Marana Community
- Valley Metro Light Rail

CALIFORNIA (8)

- Brilliance
- Line & Sky
- Ellipsis
- Growing Home
- Elements
- Close Approach
- SuperBloom!
- Uplifting Together

COLORADO (5)

- On Display
- Stories Interweave
- Earth's Blanket
- Broomcorn
- Water is Life Broomfield

FLORIDA (3)

- Cyclorama
- Codes
- Mattamy Homes Park

GEORGIA (1)

- Bends Towards Justice

ILLINOIS (1)

- Bloom

IOWA (1)

- Convergence

KANSAS (3)

- Body Politic
- Through Other Eyes
- Water is Life

MARYLAND (4)

- Mirror of Thoughts
- Wild Children of the Sea
- Beacon
- Orbits Interweave

MASSACHUSETTS (1)

- Find Joy

NEBRASKA (1)

- Belong

OKLAHOMA (2)

- Small Talk...Weather
- Power of Pop

OREGON (1)

- Heart Beacon

TEXAS (11)

- Seedpods
- Ross
- AvenueUnderpass
- Fish Bellies
- Texas Rising
- Bosque

- Latent Energy
- Ballroom
- Luminoso
- Wings Over Water
- Only Connect

UTAH (2)

- Color Factory
- Utah Bit & Mine

VIRGINIA (3)

- Camaraderie
- Rising Star
- Roundel

WASHINGTON (1)

- Seed Pop!

WISCONSIN (1)

- Maverick Spirit

BELGIUM

FRAMERIES (1)

- La Reve de Newton

CANADA

ALBERTA (1)

- Chinook Arc

CHINA

CHENGDU (1)

- Philosopher's Stone

FRANCE

REIMS (1)

- Cathedral Coaster

GERMANY

WOLFSBURG (1)

- Telepresence Arm

JAPAN

HIMEJI (2)

- piole Kabuto
- Dream About Shirasagi

KOBE (1)

- Din Don

MEXICO

MEXICO CITY (1)

- Limited Edition

NORWAY

GRALUM (1)

- Origo Sphere

UAE

ABU DHABI (2)

- As Above, So Below
- Crescent



**JOSEPH
O'CONNELL**



**CREATIVE
MACHINES**

A person stands in the center of a large, translucent, dome-like structure. The structure is illuminated from within, creating a warm, golden glow. The interior surface of the dome is covered in a radial pattern of lines, resembling a spiderweb or a stylized sunburst. The person, wearing a red shirt and dark pants, has their arms raised in a gesture of awe or triumph. The overall atmosphere is one of wonder and discovery.

JOSEPH O'CONNELL + CREATIVE MACHINES

JOSEPHOCONNELL.ART

CREATIVEMACHINES.COM

INFO@CREATIVEMACHINES.COM

520.294.0939

4141 E IRVINGTON RD

TUCSON, AZ 85714