

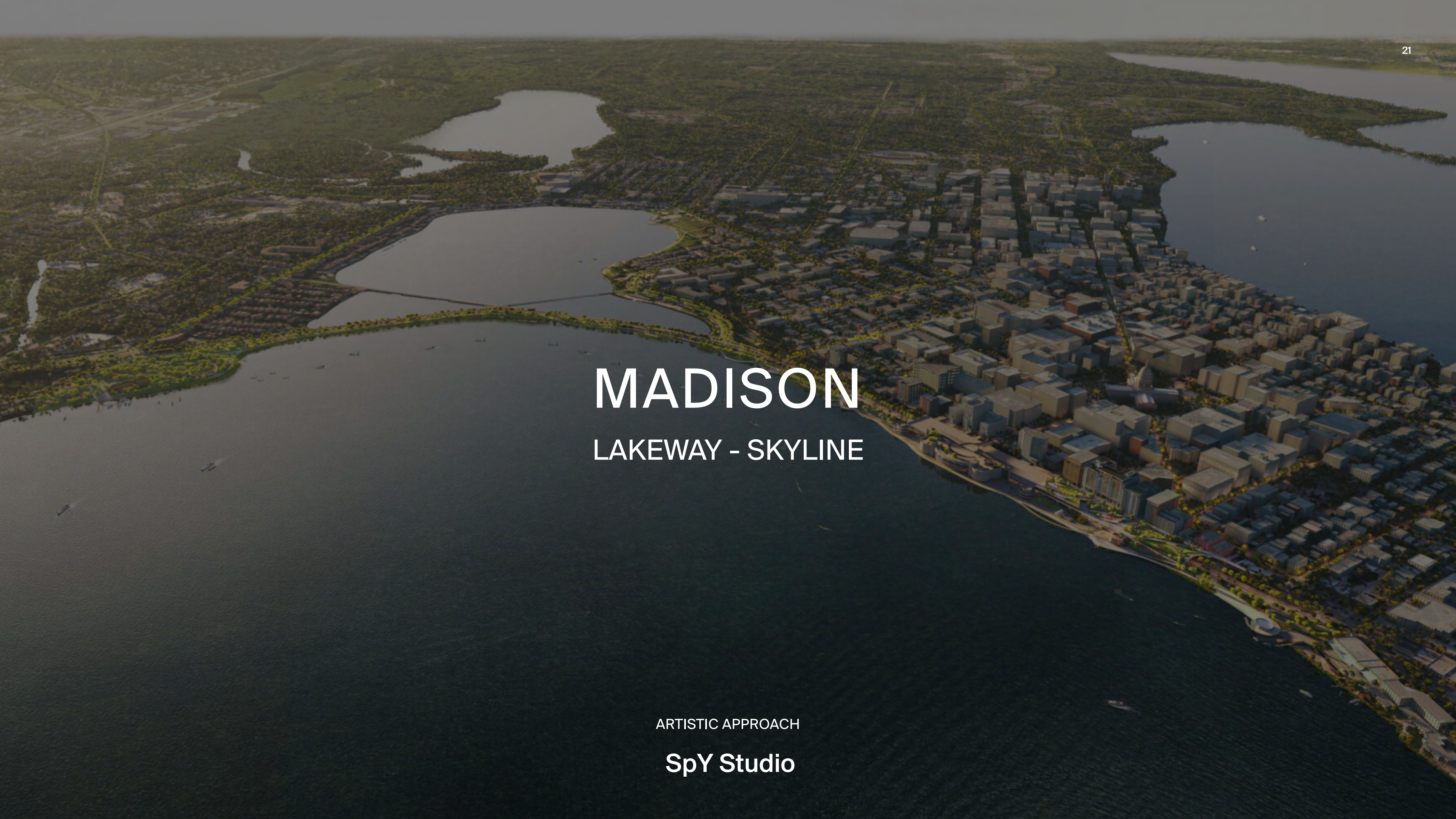
This proposal is a concept and may have modifications made for a site-specific installation and final location. Please note that there will be no installations allowed on the lake.

SpY

SpY Studio

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An aerial, dusk-time rendering of a city skyline, identified as Madison Lakeway. The city is built on a peninsula or along a large body of water. The foreground is dominated by the dark, calm water of a lake or bay. The city itself is a dense cluster of buildings, mostly rectangular and multi-story, with some taller structures. The buildings are illuminated from within, casting a warm glow. The surrounding landscape is lush with green trees and vegetation. In the background, more land and water are visible under a soft, hazy sky. The overall mood is serene and modern.

MADISON

LAKEWAY - SKYLINE

ARTISTIC APPROACH

SpY Studio

To conceive an engaging artistic journey along LakeWay's Skyline that reflects the identity of Madison, strengthens its connection with the waterfront and transforms the experience of Lake Monona into a distinctive and memorable cultural landmark.

SpY's Artistic Vision

INTRO

Working within the context of LakeWay's Skyline requires an artistic proposal capable of combining an iconic presence with a sensitive response to the landscape. The intervention should create a distinctive and memorable experience for visitors while integrating naturally with the waterfront, the architecture of the new public spaces, and Madison's close relationship with Lake Monona.

SpY Studio's proposal envisions an immersive and multifaceted artistic journey unfolding along the Skyline, establishing a continuous dialogue with the lake, the horizon, the changing light, and the movement of people through the site. Rather than occupying a single location, the intervention transforms the journey along LakeWay into a sequence of sensory and perceptual experiences. The artwork seeks to reinforce the identity of the waterfront through a contemporary artistic language capable of becoming a new visual and cultural landmark for Madison.

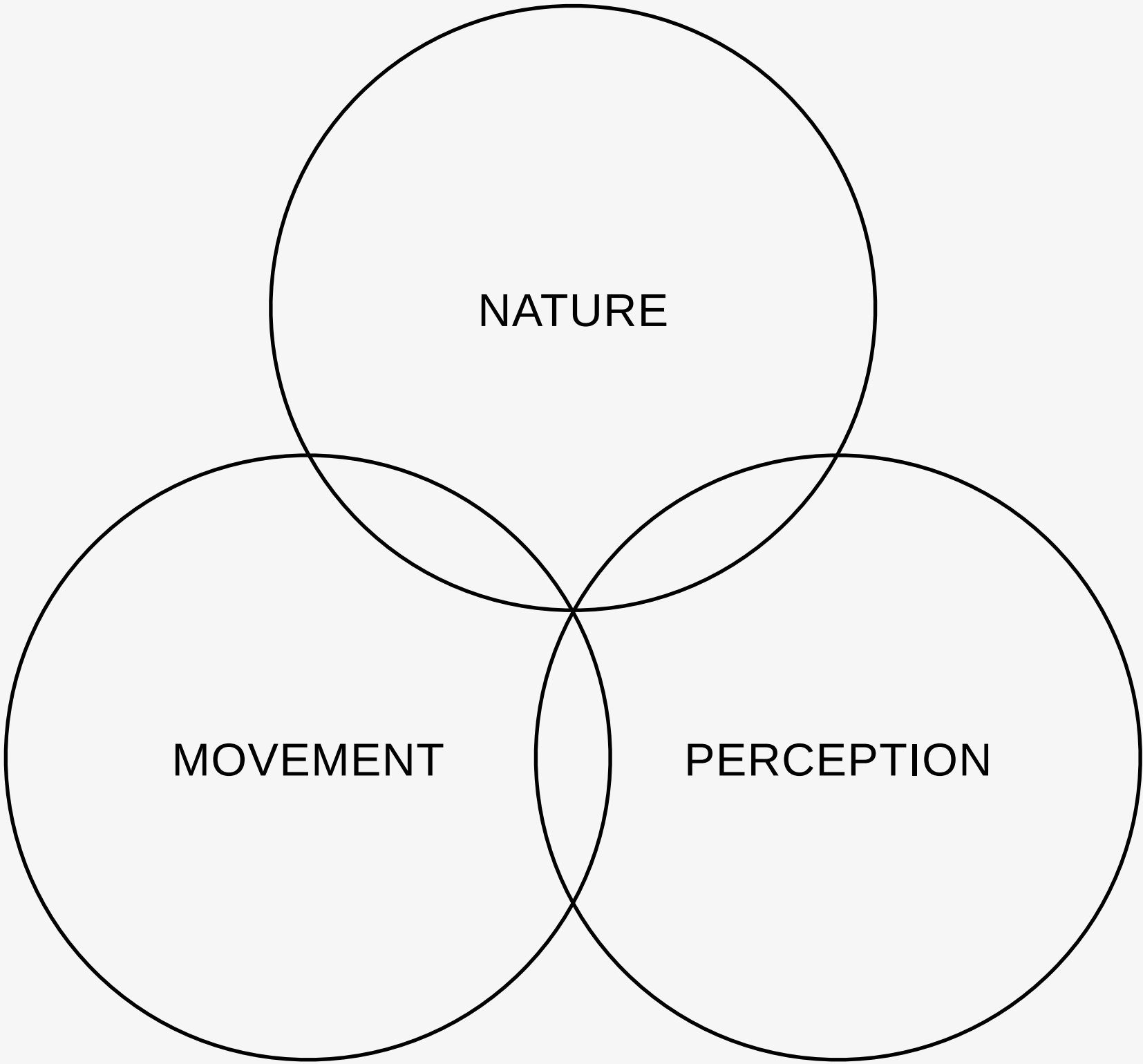
Conceived to evoke emotion and connect with the public through movement, perception, light, reflection, and materiality, the proposal transcends the idea of a static sculptural object to become a living and evolving spatial phenomenon. The interaction between the artwork, the scale of the landscape, the surface of the water, and the changing environmental conditions amplifies the perception of the site and transforms the public's relationship with the waterfront.

In dialogue with the architectural and landscape vision for LakeWay, SpY Studio's proposal explores the tension between physical presence and perceptual illusion, permanence and transformation, materiality and light. The intervention aims to activate the Skyline as a place for encounter, contemplation, and discovery, introducing an experiential dimension that evolves throughout the day, the night, and the changing seasons.

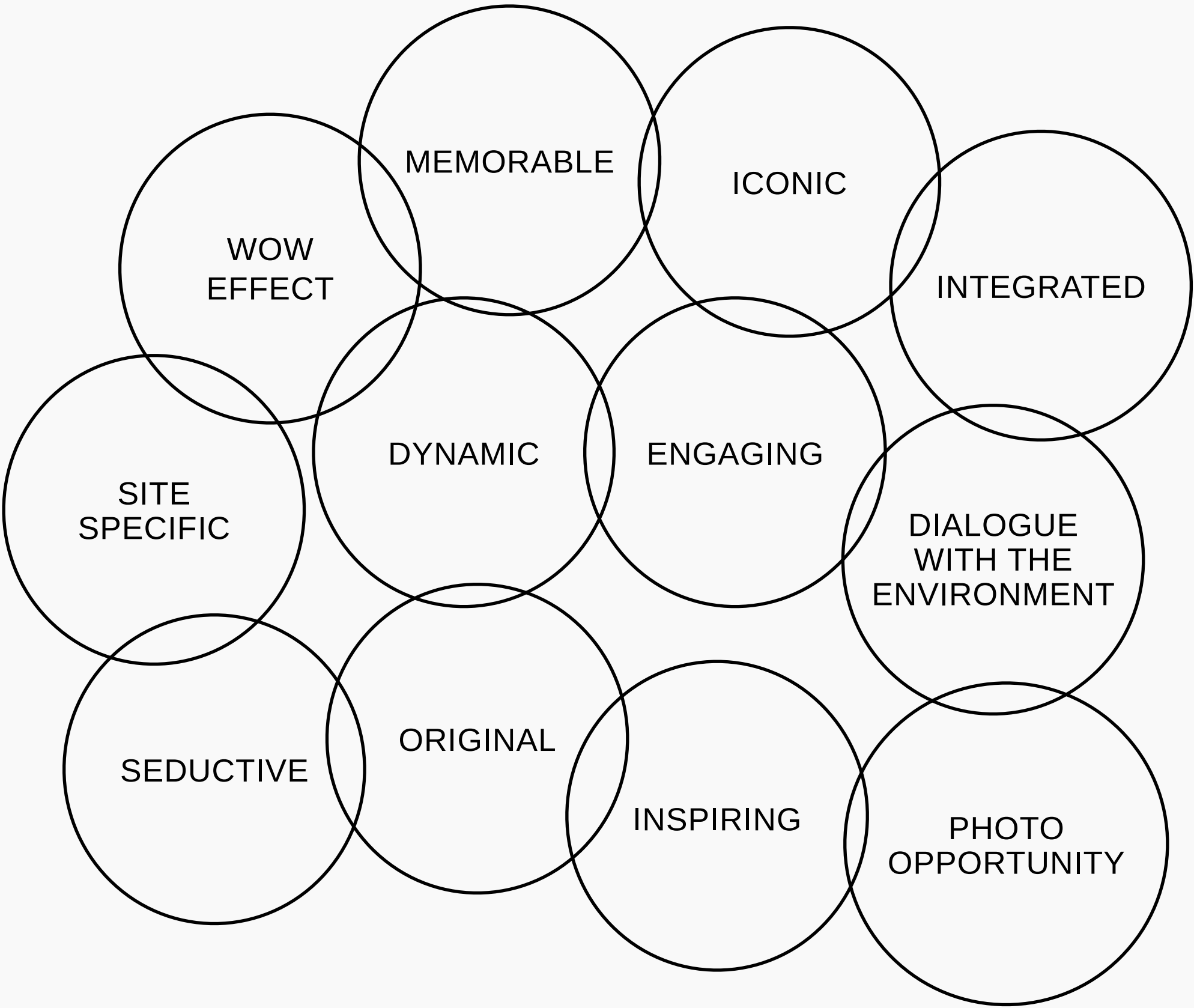
This document outlines the artistic concept and preliminary technical considerations of the project, as well as its potential to become a defining visual and conceptual presence within LakeWay. The proposal is conceived as an intervention capable of strengthening the relationship between art, landscape, and public life, contributing to the transformation of Madison's waterfront into a distinctive cultural destination and a memorable collective experience.



INSPIRATION THEMES



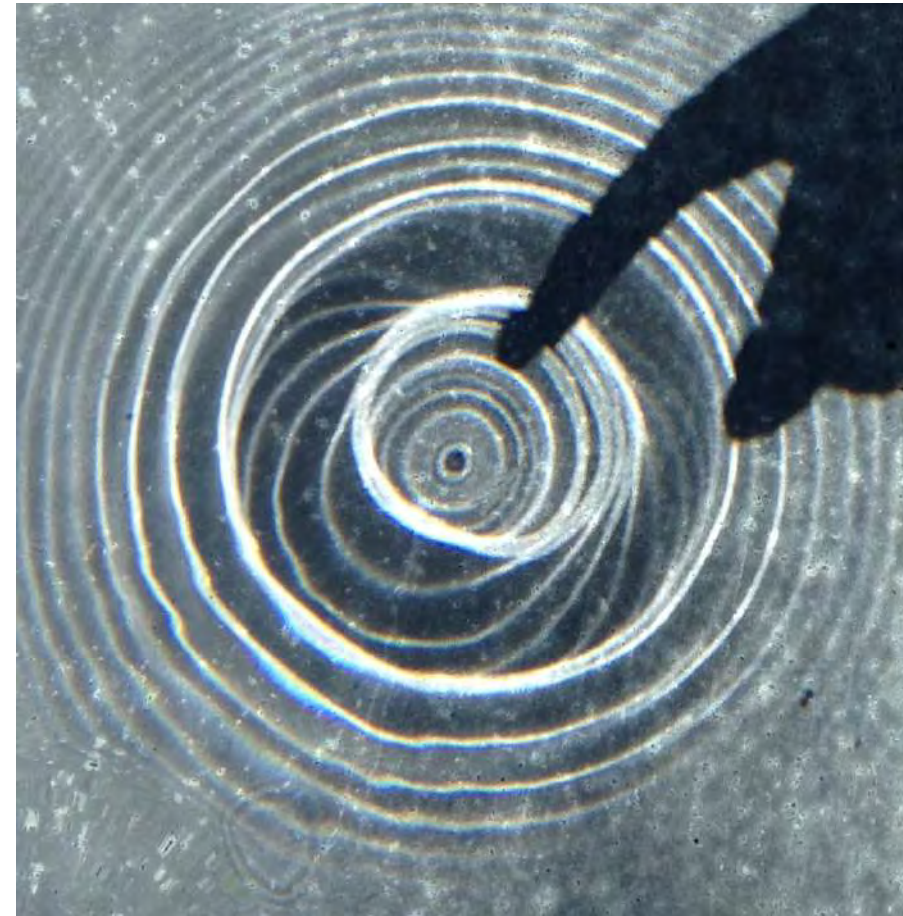
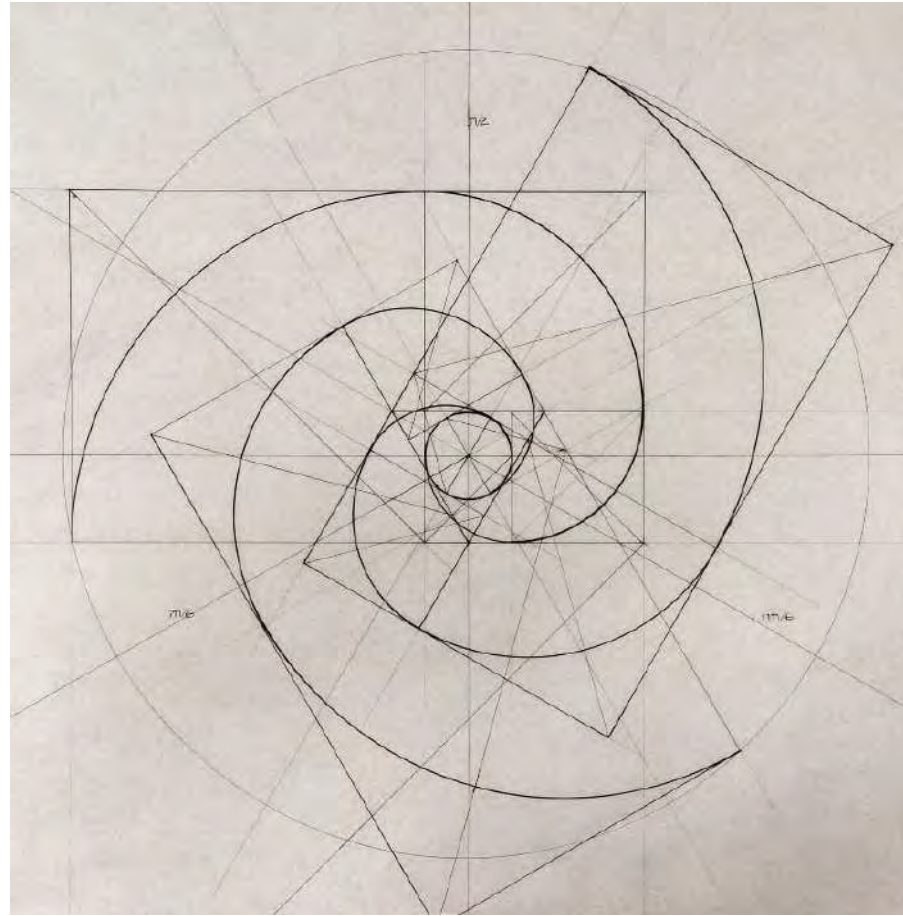
PUBLIC ENGAGEMENT OBJECTIVES



AUREA

NATURE, MOVEMENT AND PERCEPTION

AUREA



AUREA evokes the golden ratio, a principle associated with harmony, balance, and certain patterns of growth and organization found in nature.

Rather than understanding harmony as a static condition, the artwork interprets it as a constantly evolving process. Its circular forms and continuous movements recall natural cycles, in which each transformation gives rise to a new equilibrium and every ending contains the possibility of a new beginning.

Movement, time, and renewal thus converge within a living system, in which forms organize themselves, transform, and re-emerge in an infinite succession of configurations.

ARTWORK CONCEPT STATEMENT

Public art, as conceived by SpY, transforms the landscape into an ever-evolving perceptual experience. Rather than existing as autonomous objects, his sculptures establish an active dialogue with the spaces they inhabit and the people who move through them. Through movement, light, and time, the works continuously redefine their relationship with their surroundings, revealing new interpretations at every moment.

This approach finds a natural expression in AUREA, a series of 7 kinetic sculptures whose constantly rotating rings and discs generate a spatial composition in permanent transformation. Rather than presenting a fixed image, the works exist in a continuous state of change. The slow choreography of their movements produces an infinite succession of visual configurations in which forms appear, overlap, dissolve, and re-emerge, challenging the viewer's perception of depth, balance, and geometry.

Movement and time become the sculptures' primary materials. Rather than simply animating the objects, they construct their forms and transform perception into an essential component of the works themselves. The apparent stability of the rings and discs continuously gives way to new visual relationships, producing moments of ambiguity in which solidity and lightness, order and complexity, coexist in a delicate balance.

Light further amplifies this process. Throughout the day, reflections, shadows, and subtle variations in illumination continually reshape the perception of the ensemble, allowing it to respond naturally to the changing atmosphere of the lake and its surrounding landscape. **AUREA** thus becomes a living system, permanently connected to and in dialogue with its context.

Ultimately, **AUREA** transcends the notion of sculpture as a static object to become an ever-evolving spatial phenomenon. By bringing together movement, landscape, and perception, the installation transforms the journey along LakeWay's Skyline into a contemplative experience, inviting visitors to reconsider their relationship with space, time, and the changing nature of their surroundings.

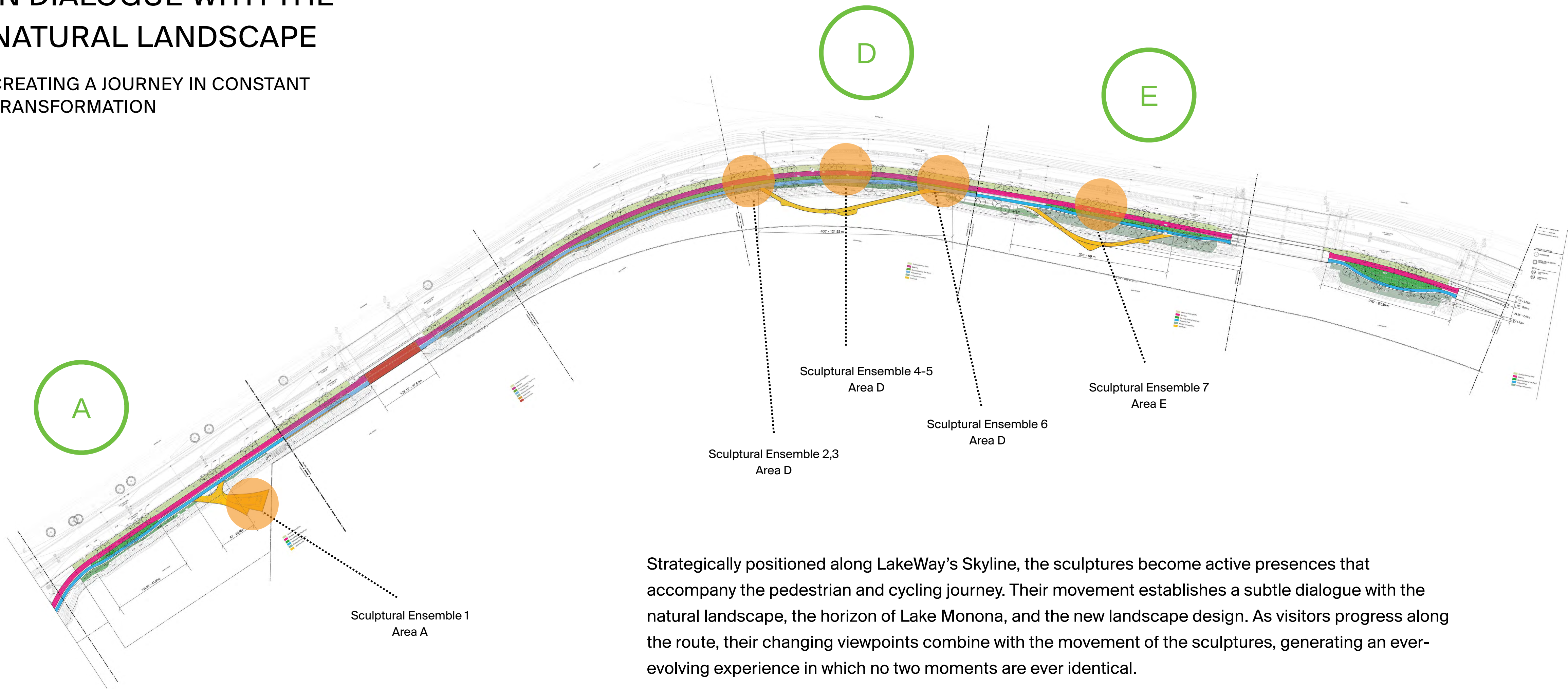


IN DIALOGUE WITH THE NATURAL LANDSCAPE

A JOURNEY IN CONSTANT TRANSFORMATION

IN DIALOGUE WITH THE NATURAL LANDSCAPE

CREATING A JOURNEY IN CONSTANT
TRANSFORMATION



Strategically positioned along LakeWay's Skyline, the sculptures become active presences that accompany the pedestrian and cycling journey. Their movement establishes a subtle dialogue with the natural landscape, the horizon of Lake Monona, and the new landscape design. As visitors progress along the route, their changing viewpoints combine with the movement of the sculptures, generating an ever-evolving experience in which no two moments are ever identical.

IN DIALOGUE WITH THE NATURAL LANDSCAPE

A JOURNEY IN CONSTANT TRANSFORMATION

AREA A – MAIN SCULPTURE ON THE PIER

The sculpture is positioned at the centre of the pier as its principal element and the culminating point of the journey. Its strategic location allows the artwork to be revealed progressively upon arrival, creating a visual encounter that accompanies the public's approach and establishes a recognisable destination within LakeWay's Skyline.

Once on the pier, visitors can move around the entire sculpture and experience it from multiple perspectives. Their movement, combined with that of the artwork itself, continuously transforms its geometry, allowing each viewpoint to reveal a different configuration.

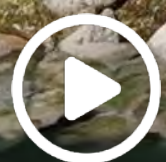
Its central position also strengthens its relationship with the landscape. The sculpture is silhouetted against the horizon of Lake Monona and can be perceived from the pedestrian and cycling routes, from other points along the waterfront, and from boats approaching across the lake. It therefore functions simultaneously as an intimate experience and as a visual landmark recognisable from a distance, crowning the pier without interrupting the contemplation of its surroundings.





AUREA

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VERSION IN MOTION



IN DIALOGUE WITH THE NATURAL LANDSCAPE

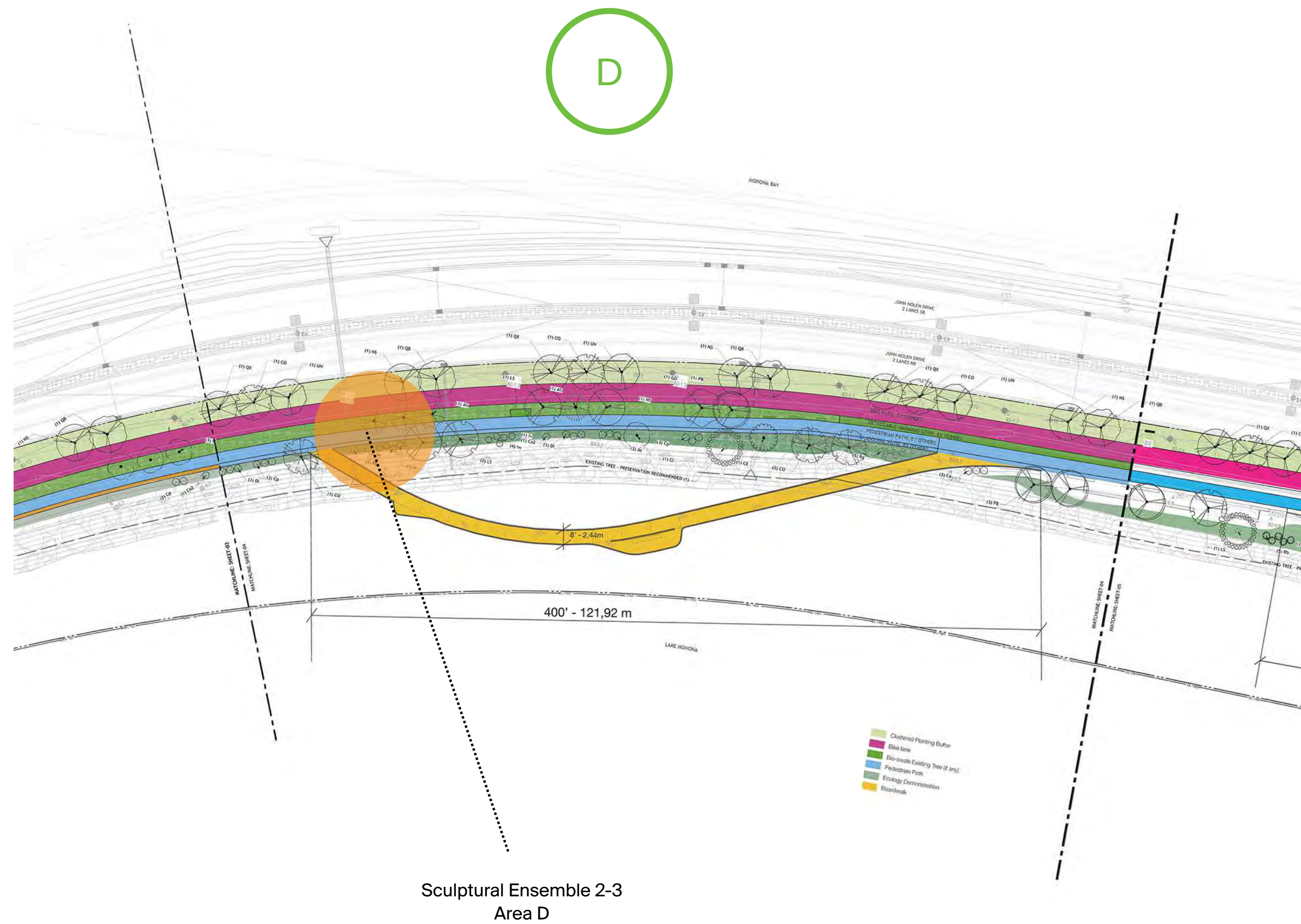
A JOURNEY IN CONSTANT TRANSFORMATION

AREA D – SCULPTURAL ENSEMBLE 2-3

The first ensemble in Area D, formed by two sculptures, appears along the route from Area A, at the point where the pedestrian path and cycle lane meet. Their location allows the artworks to be discovered from both directions, establishing a new chapter within the artistic journey through LakeWay’s Skyline.

Positioned beside the boardwalk in an area characterised by its expansive views, the sculptures become part of a broad visual composition encompassing the lake, the city, and the surrounding landscape. The ensemble establishes a significant presence without obstructing the views, framing the horizon and creating new visual relationships between the route and Lake Monona.

In this location, the two sculptures engage in a dialogue with one another and with their surroundings. Through movement, their mirrored surfaces capture and reflect fragments of the lake, the sky, the city, and the people passing around them. The composition evolves with the changing light throughout the day and into the night, generating a hypnotic and continuously transforming experience in which the images of the viewer and the landscape are fragmented into multiple moving reflections.





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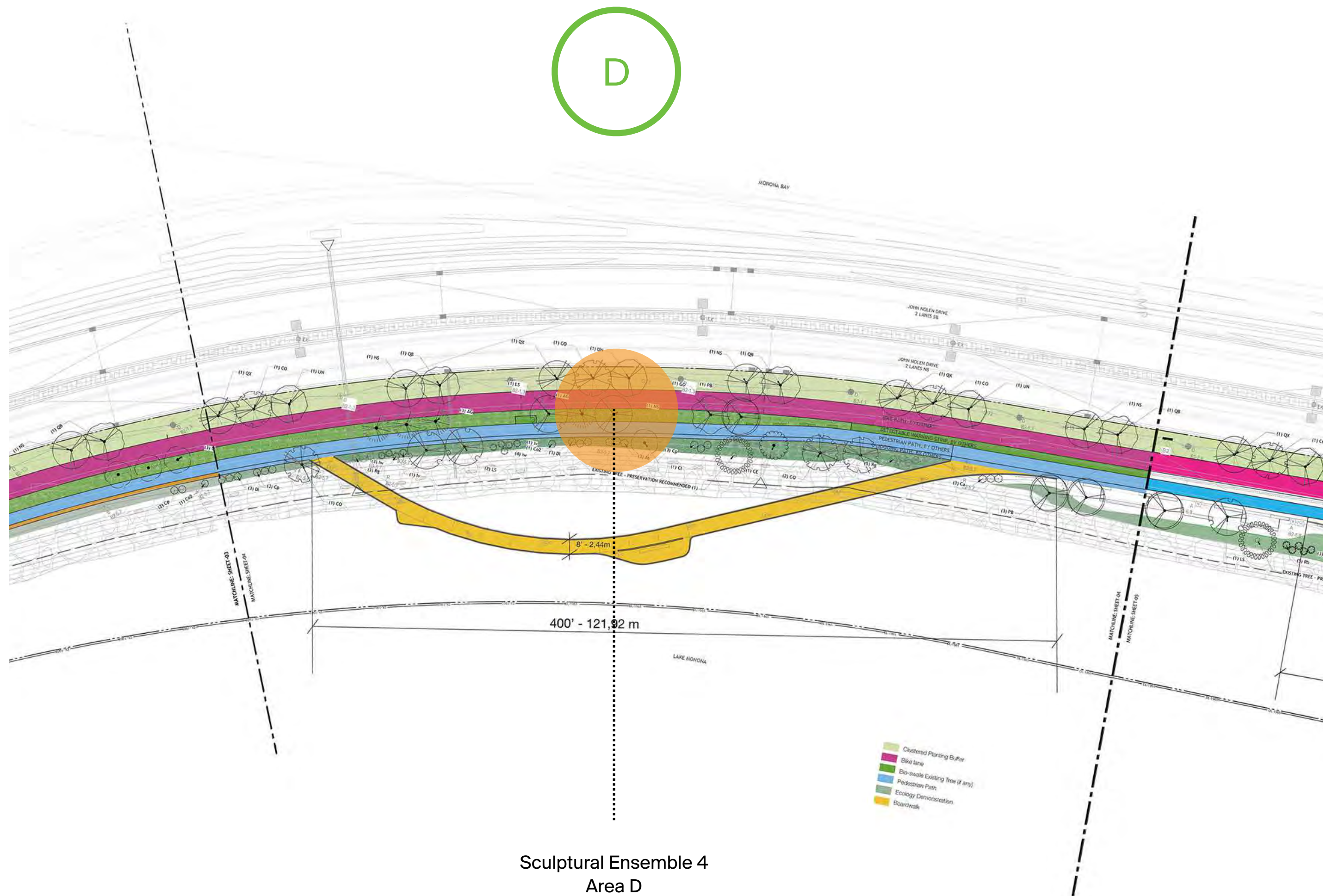
A JOURNEY IN CONSTANT TRANSFORMATION

AREA D – SCULPTURAL ENSEMBLE 4

The first ensemble in Area D, formed by two sculptures, appears along the route from Area A, at the point where the pedestrian path and cycle lane meet. Their location allows the artworks to be discovered from both directions, establishing a new chapter within the artistic journey through LakeWay's Skyline.

Positioned beside the boardwalk in an area characterised by its expansive views, the sculptures become part of a broad visual composition encompassing the lake, the city, and the surrounding landscape. The ensemble establishes a significant presence without obstructing the views, framing the horizon and creating new visual relationships between the route and Lake Monona.

In this location, the two sculptures engage in a dialogue with one another and with their surroundings. Through movement, their mirrored surfaces capture and reflect fragments of the lake, the sky, the city, and the people passing around them. The composition evolves with the changing light throughout the day and into the night, generating a hypnotic and continuously transforming experience in which the images of the viewer and the landscape are fragmented into multiple moving reflections.





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IN DIALOGUE WITH THE NATURAL LANDSCAPE

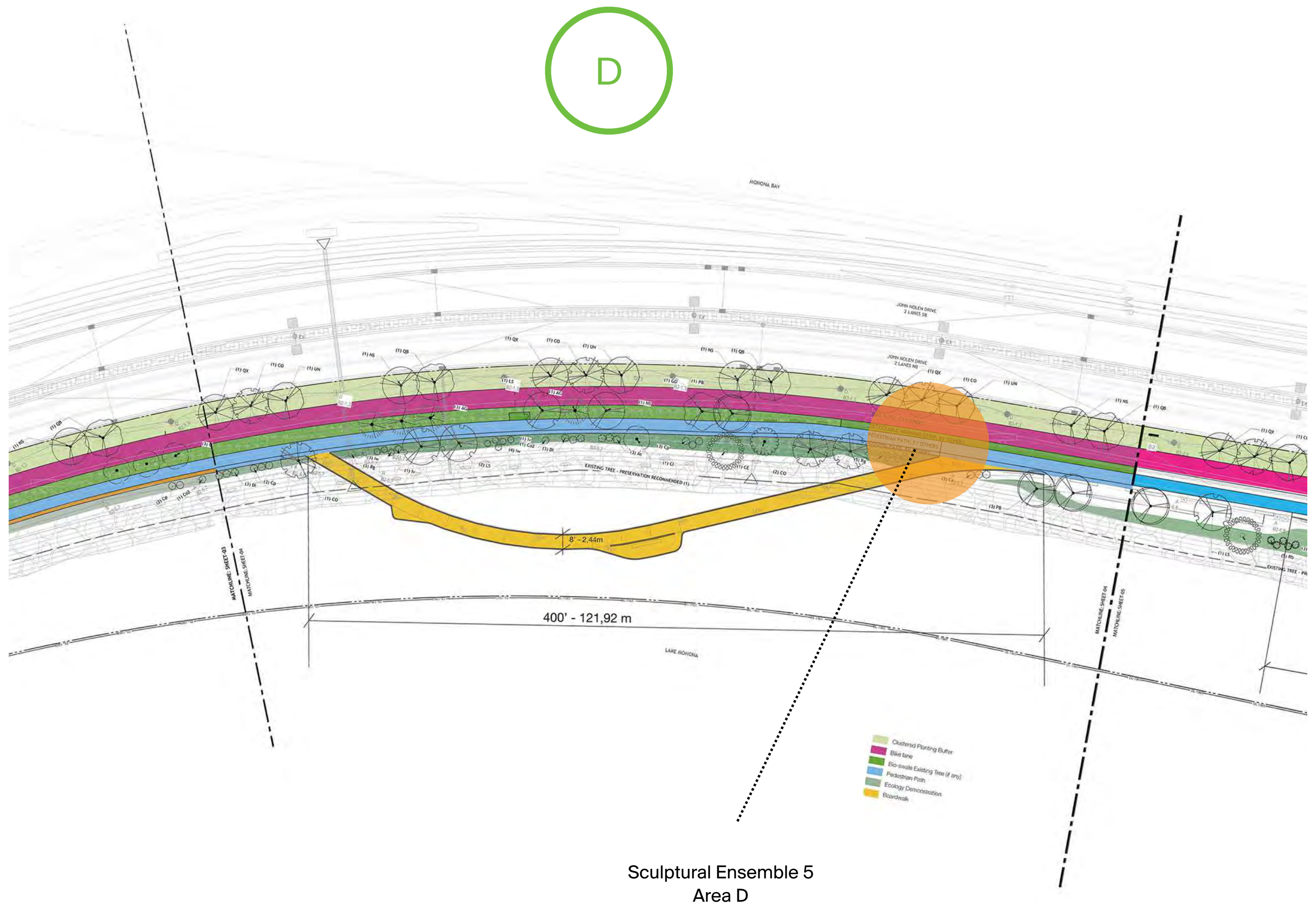
A JOURNEY IN CONSTANT TRANSFORMATION

AREA D – SCULPTURAL ENSEMBLE 5

The third sculpture in Area D is positioned at the end of the boardwalk, beyond the point where it meets the cycle lane. Conceived as an autonomous element, its strategic location gives it a particularly significant presence when discovered from the opposite direction of the route, acting as both a visual reference and the culminating point of this section of LakeWay's Skyline.

Its position allows the artwork to be perceived progressively from the pedestrian and cycling routes, establishing different levels of engagement as visitors approach. From a distance, it functions as a recognisable landmark within the landscape; at close range, its movement reveals a more complex composition and an ever-evolving perceptual experience.

This sculpture presents a more complex kinetic behaviour, giving it a distinctive identity within the AUREA ensemble. The combination of its movements continuously transforms its geometry, reflections, and relationship with the surrounding environment.





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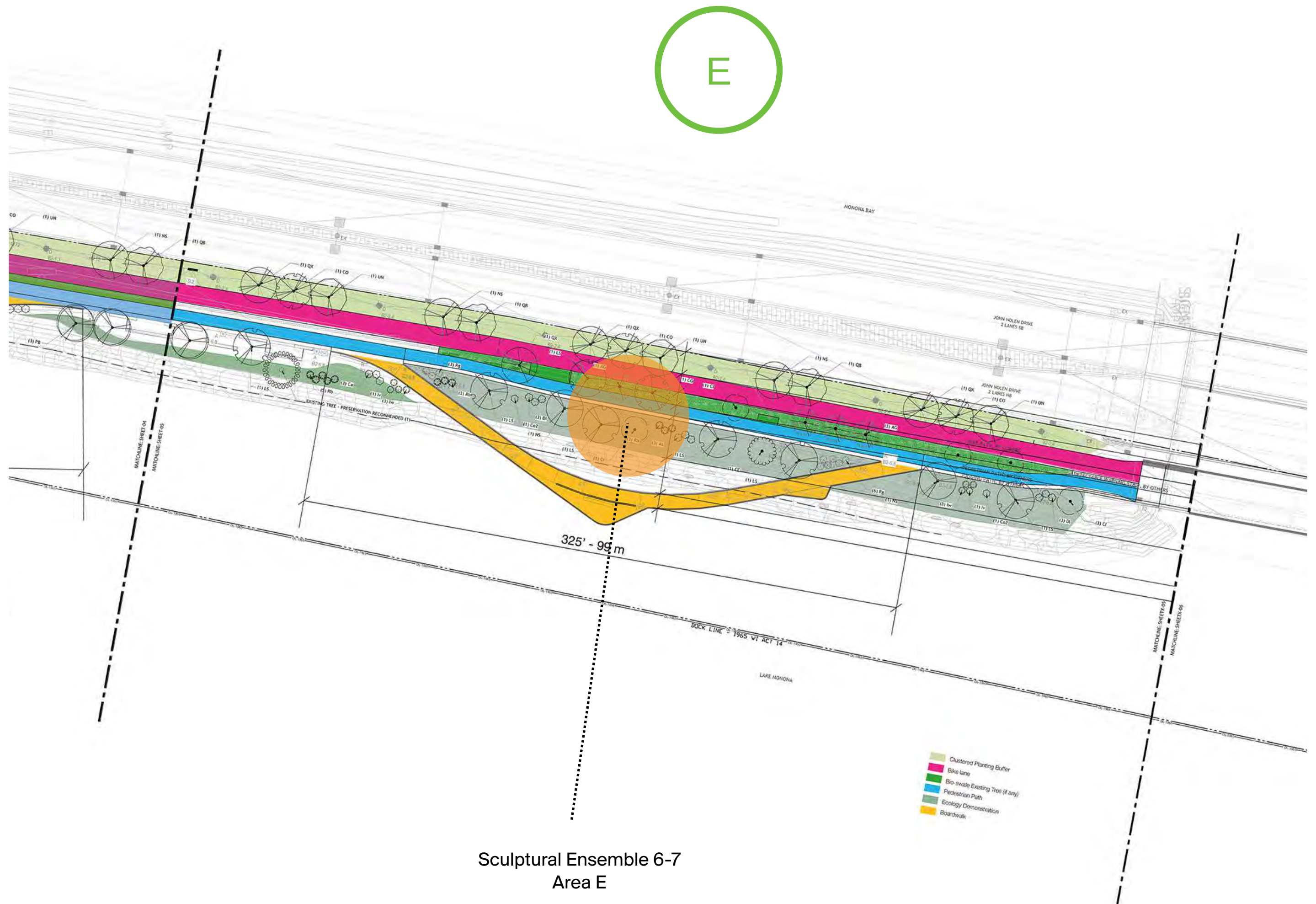
A JOURNEY IN CONSTANT TRANSFORMATION

AREA E – SCULPTURAL ENSEMBLE 6-7

The two sculptures forming the first ensemble in Area E are positioned opposite the boardwalk viewing platform. Like the other works in AUREA, their location has been carefully selected to integrate with the journey and establish a direct relationship with the landscape of Lake Monona.

The openness of the space allows the sculptures to be contemplated from an appropriate distance and the relationship between them to be revealed progressively. This perspective creates a particularly calm and contemplative exhibition experience, inviting visitors to pause and observe the ensemble's continuous transformation without disrupting the natural flow of movement along the boardwalk.

The two kinetic sculptures develop subtle choreographies in which time, movement, and perception become sculptural materials. Their forms and reflective surfaces capture fragments of the sky, water, and surrounding landscape, establishing an ever-evolving dialogue between the artworks, their reflections, and the natural environment.





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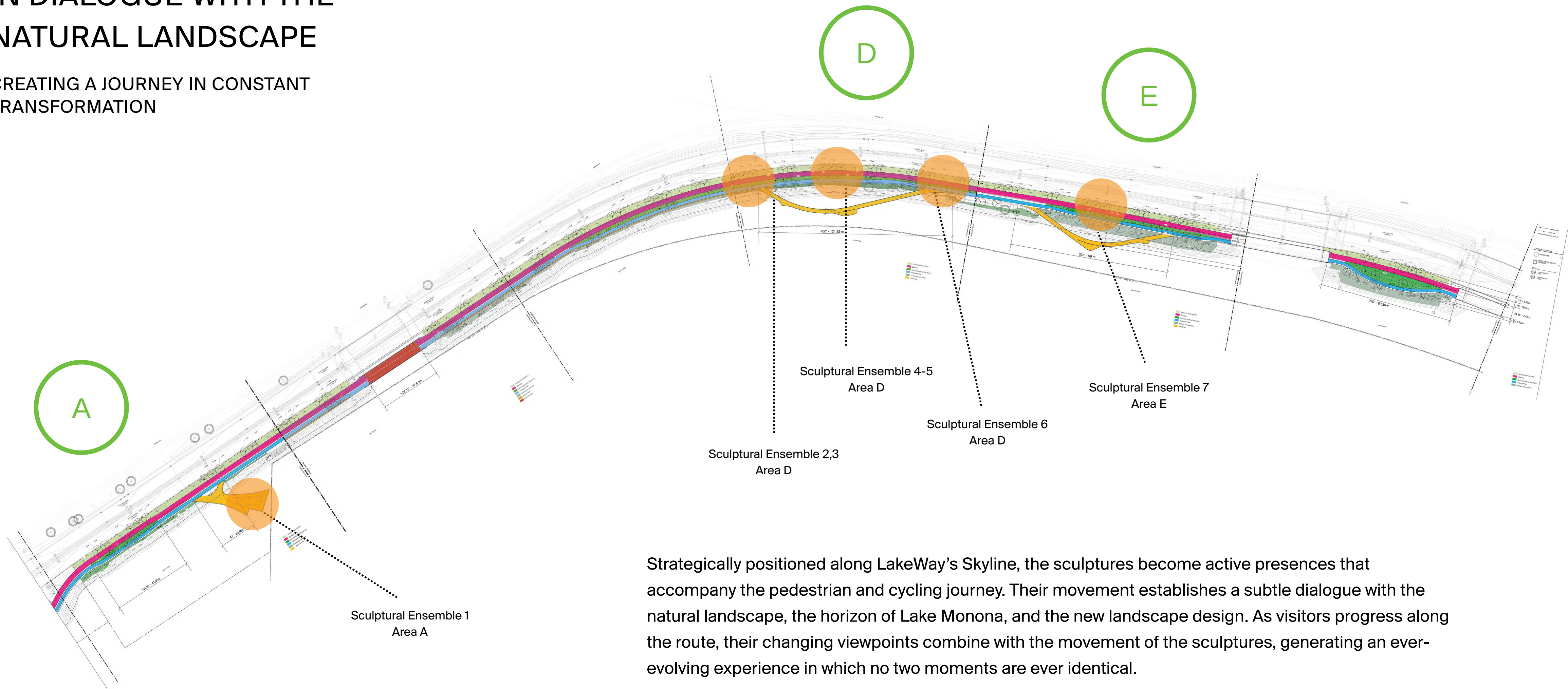


TECHNICAL CHARACTERISTICS AND APPROACH

The following technical characteristics outline AUREA's preliminary design and operational approach. The final dimensions, materials, kinetic systems, foundations, lighting, and control solutions will be refined through detailed engineering and coordination with the City, architects, specialist consultants, and the selected producer.

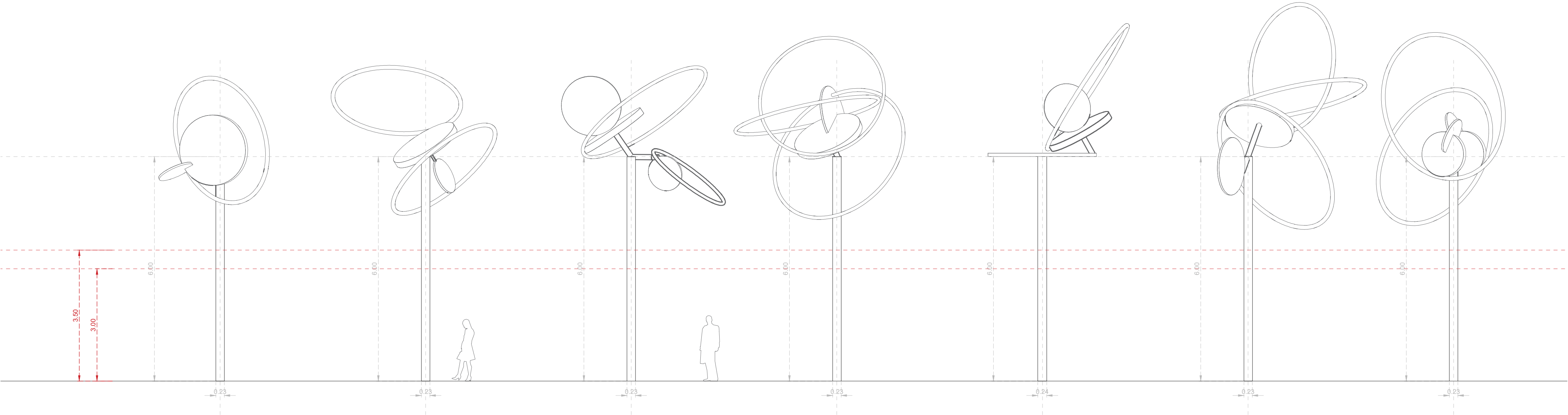
IN DIALOGUE WITH THE NATURAL LANDSCAPE

CREATING A JOURNEY IN CONSTANT
TRANSFORMATION

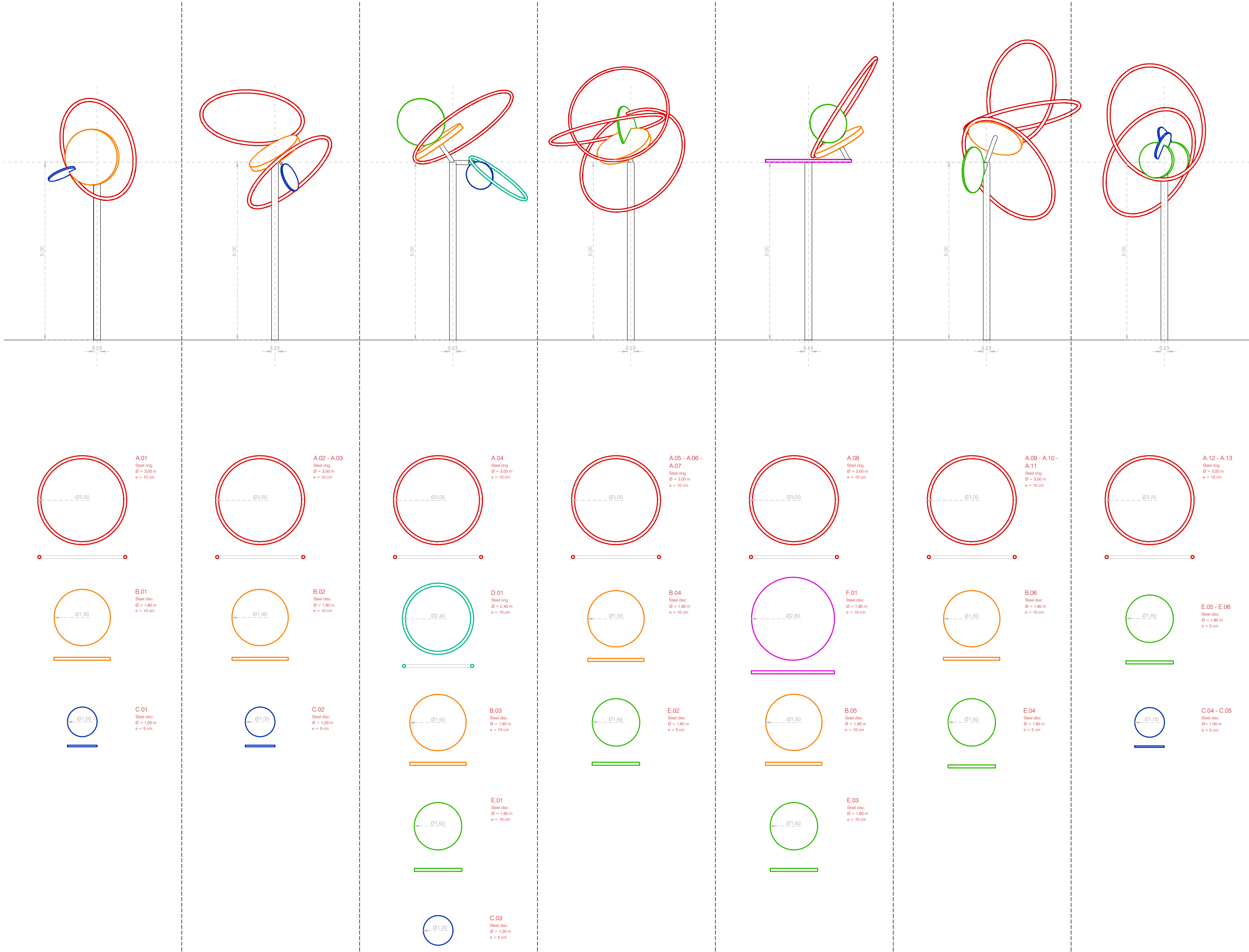


Strategically positioned along LakeWay's Skyline, the sculptures become active presences that accompany the pedestrian and cycling journey. Their movement establishes a subtle dialogue with the natural landscape, the horizon of Lake Monona, and the new landscape design. As visitors progress along the route, their changing viewpoints combine with the movement of the sculptures, generating an ever-evolving experience in which no two moments are ever identical.

PRELIMINARY TECHNICAL DRAWINGS



PRELIMINARY TECHNICAL DRAWINGS



MATERIAL UNITS OF THE INSTALLATION

SCULPTURE MAST

Width: 6 m
Thickness: 23 cm
Material: Steel
Integrated motor

RING AND DISC COUNT

A: 13 units
B: 6 units
C: 5 units
D: 1 units
E: 6 units
F: 1 units

Total: 32 units

Preliminary dimensions and component configurations. Final wall thicknesses, weights, structural sections, swept envelopes, clearances, anchoring interfaces, and foundation dimensions are subject to detailed engineering.

Technical and Production Considerations

FABRICATION AND MATERIAL SPECIFICATIONS

Main Material

The principal exposed sculptural and structural components will be fabricated from marine-grade AISI 316L stainless steel, selected for its high resistance, durability, structural reliability, and low maintenance requirements in permanent outdoor environments.

Its low-carbon composition, excellent weldability, and resistance to corrosion make it particularly suitable for large-scale public artworks exposed to demanding urban and seasonal conditions.

Material Characteristics

- Marine-grade austenitic stainless steel
- High mechanical strength and structural reliability
- Excellent resistance to atmospheric corrosion
- Suitable for humid and waterside environments
- Resistant to rain, snow, ice, and freeze-thaw cycles
- Suitable for wide seasonal temperature variations
- Enhanced resistance to urban pollution and de-icing salts
- Low carbon content for improved performance in welded areas
- Excellent weldability and fabrication versatility
- High durability and long service life
- Low maintenance requirements
- Suitable for permanent outdoor installations
- Fully recyclable material
- Compatible with high-quality polished and mirror finishes

Main Structure

- Main vertical mast: approximately 6,000 mm high
- Internal structural reinforcement adapted to the final kinetic configuration
- Concealed connections between the mast, mechanical system, rings, and discs

Circular Rings

- Maximum diameter: approximately 3,000 mm
- Fabricated from curved and calibrated stainless-steel profiles
- Individual geometric calibration to ensure precise circularity, alignment, and balanced movement

Discs

- Stainless-steel discs in different dimensions and orientations, according to each sculptural composition
- Flat, concave, or convex geometries, depending on the final configuration
- Combination of matte and highly polished reflective surfaces

Fabrication Process

- CNC cutting and machining
- Controlled bending and three-dimensional forming
- Precision welding and assembly
- Individual geometric calibration
- Mechanical balancing of all moving elements
- Factory preassembly and movement testing

Surface Treatment

- Progressive multi-stage sanding
- High-reflective mirror polishing on selected surfaces
- Uniform matte finishing on selected surfaces
- Controlled contrast between reflective and non-reflective elements
- Homogeneous finish of sculptural quality

Visual Effect

- High-definition reflections on polished surfaces
- Soft diffusion of light on matte surfaces
- Controlled fragmentation and distortion of the surrounding environment
- Constantly changing relationships between light, movement, landscape, and viewpoint

MAIN MAST AND INTERNAL SUBSTRUCTURES

The main vertical mast and its internal structural system will provide the primary support for each sculpture and accommodate the mechanical, electrical, and control components required for its operation.

The structural system is designed to:

- Support the complete weight of the sculptural and kinetic elements
- Transfer static and dynamic loads safely to the foundation
- Resist wind, snow, and ice loads
- Minimize deformation and unwanted movement
- Control vibration and structural resonance
- Accommodate thermal expansion and contraction
- Maintain the precise alignment of the rotating components
- Provide permanent structural stability
- Allow safe access to internal mechanical and electrical systems
- Conceal structural connections, cabling, and technical components

Internal Substructures Include:

- Reinforced stainless-steel structural core
- Internal plates, ribs, and stiffening elements
- Motor and gearbox support frames
- Bearing, shaft, and transmission supports
- Concealed cable-routing and electrical-service channels
- Removable access panels for inspection and maintenance
- Connection interfaces with the foundation and anchoring system

Connections and Finishing Include:

- Precision-welded structural connections
- TIG welding where appropriate for visible stainless-steel elements
- High-strength bolted connections where dismantling or maintenance access is required
- Concealed mechanical fixings
- Controlled welding sequences to minimize distortion
- Inspection and finishing of welded areas
- Progressive sanding and post-weld polishing
- Cleaning and passivation of stainless-steel surfaces
- Final restoration of the specified matte or mirror-polished finish

STRUCTURAL ANCHORING SYSTEM

Each sculpture will be secured through a concealed structural anchoring system connected to a reinforced-concrete foundation specifically designed for its location, geometry, weight, and kinetic behaviour.

The anchoring system may incorporate:

- Stainless-steel structural base plates
- High-strength anchor rods or bolts
- Cast-in anchor assemblies or certified post-installed anchors, subject to final engineering
- Internal stiffening plates and structural reinforcements
- Levelling and adjustment systems
- High-strength grouting beneath base plates, where required
- Concealed structural and mechanical connections
- Electrical grounding connections

FOUNDATION

The foundation will consist of reinforced concrete, normally cast in situ and coordinated with the site's civil works, underground services, paving, drainage, and landscape design.

The foundation will be dimensioned according to:

- Permanent structural loads
- Dynamic loads generated by the moving elements
- Site-specific wind loads
- Snow and ice loads
- Applicable seismic requirements
- Accidental loads and public-use conditions
- Soil bearing capacity and settlement criteria
- Groundwater level and site-specific geotechnical conditions

The foundation design will:

- Remain concealed beneath the final paving or landscape surface, wherever possible
- Integrate the anchoring and electrical connection interfaces
- Incorporate drainage, waterproofing, and moisture-protection measures
- Prevent water accumulation around structural and mechanical components
- Provide safe access to the technical compartment, where required
- Allow inspection and replacement of accessible anchoring or mechanical components
- Coordinate with the final finished levels and surrounding public space

STRUCTURAL DESIGN CONSIDERATIONS

- The complete structural system will be developed for:
- Permanent outdoor installation
- Site-specific wind and climatic conditions
- Freeze-thaw cycles
- Snow and ice accumulation
- Dynamic effects generated by the kinetic system
- Vibration and fatigue resulting from long-term operation
- Thermal expansion and contraction
- Accidental impact and public-use conditions
- Long-term structural stability and durability
- Safe operation, inspection, and maintenance

The foundation, anchoring system, main mast, internal substructures, and kinetic components will be calculated as an integrated system. Qualified structural and mechanical engineers will develop and certify the final design in accordance with applicable local codes, permitting requirements, and project-specific technical criteria.

MAINTENANCE AND DURABILITY: STAINLESS STEEL

Durability

AISI 316L stainless steel offers excellent durability and corrosion resistance for permanent outdoor installations exposed to rain, humidity, snow, ice, de-icing salts, urban pollution, and seasonal temperature variations. With appropriate fabrication and basic preventive maintenance, the structure is expected to provide a service life of several decades.

Preventive Maintenance

The stainless-steel components are designed to require limited routine maintenance, primarily:

- Periodic cleaning of polished and matte surfaces
- Removal of dust, salts, and environmental deposits
- Annual visual inspection of anchoring systems, welds, structural connections, and surface finishes
- Additional inspection following severe weather or accidental impact
- Routine cleaning may use clean or demineralized water, neutral non-abrasive detergents, and soft microfiber cloths. Abrasive tools and chlorine-based products should be avoided.

Graffiti and Surface Damage

Graffiti can generally be removed using compatible cleaning products and non-abrasive methods. Deep scratches or damage to mirror-polished surfaces can usually be repaired through professional re-polishing or, when necessary, replacement of the affected component. Specialist repairs should be coordinated with the producer and approved by SpY Studio when they affect the visible finish of the artwork.

Kinetic Systems

The motors and mechanical components will be selected from industrial systems designed for long-term outdoor operation under demanding climatic conditions. Preventive maintenance will mainly involve periodic inspection, lubrication where required, and verification of bearings, seals, sensors, and safety systems. The design will prioritize standard, accessible components that can be serviced or replaced by a qualified local technician without dismantling the complete sculpture.

FAQS

FREQUENTLY ASKED QUESTIONS

As with any permanent public artwork developed for a specific site, AUREA requires a progressive process of research, design, engineering, prototyping, and technical coordination.

These questions and answers address issues that may arise at this stage. Preliminary discussions with mechanical engineers and technical specialists have confirmed the general feasibility of the proposed structural and kinetic principles.

The final mechanical systems, operating conditions, foundations, lighting, power supply, and maintenance protocols will require verification with the City, architects, local engineers, fabricators, and contractors.

AUREA is not a pre-manufactured industrial product. Its development involves technical research that will refine the solutions for safety, durability, and feasibility while preserving the artistic intention and proposed configurations as closely as possible.

FREQUENTLY ASKED QUESTIONS

01 Do the seven sculptures constitute independent works?

AUREA has been conceived as a single artwork composed of seven interrelated kinetic elements. Each sculpture has its own identity, but the full meaning of the proposal emerges from their distribution, their different configurations, and the dialogue they establish along the route.

02 Will all the sculptures move in the same way?

Not necessarily. Each sculpture may have its own rhythm, speed, and behaviour within a coherent overall choreography. The intention is to create a sequence of slow, contemplative movements, avoiding a repetitive or excessively mechanical experience.

03 Will the sculptures always be moving?

Operating hours and periods will be agreed with the City. Time slots, rest cycles, seasonal schedules, and protocols for adverse weather may be defined. Even when stopped, the sculptures will retain their presence and artistic quality.

04 Could the design change during technical development?

The configurations presented express the main artistic intention. Engineering may require minor adjustments to dimensions, thicknesses, geometric relationships, speeds, or connections. Any change will improve operation, safety, or durability while preserving the design as faithfully as possible.

05 How will the movement be produced?

The sculptures will incorporate industrial electromechanical systems, likely including motors, gearboxes, shafts, bearings, transmissions, and programmable controllers. The final solution will reflect the size and weight of each element, environmental loads, speed, acceptable noise, and maintenance requirements.

06 Will movement be generated by motors or by wind?

Motors will control the primary movement, allowing speeds, schedules, and safety positions to be programmed. The open, circular forms will create a perceptual dialogue with the wind. Any dynamic response will remain within the limits defined by engineering and the control systems.

07 How fast will the sculptures move?

The intention is to create slow, fluid, contemplative movement. Exact speeds will be defined through simulations, prototypes, and testing. Each sculpture may operate at a different rhythm, always within safe limits compatible with the public setting, wildlife, and component durability.

08 How will sudden movements be prevented?

The controls may include acceleration and deceleration ramps, speed limits, torque control, progressive braking, and programmed stopping positions. Sensors may detect excessive resistance, vibration, overload, or unexpected behaviour.

09 What will happen during strong winds?

Anemometers, sensors, and programming may activate different operating states: normal movement, reduced speed, a safe position, controlled locking, or complete shutdown. Structural and aerodynamic studies will establish the final thresholds for each location.

10 What happens if a motor fails?

The system will be designed to enter a safe state. Depending on the selected solution, it may stop through braking, torque limitation, or controlled locking. The controller will record the fault and may send an alert. The sculpture will remain static until inspected by a qualified technician.

11 Will the motors produce noise?

Industrial motors, gearboxes, and bearings will be selected for quiet operation and sized with sufficient capacity above the actual loads. Factory and commissioning tests will assess noise and vibration. Isolation, damping, and resonance control may also be incorporated.

12 Can the sculptures operate during winter?

In principle, yes, but engineering must confirm the operating range. Motors, lubricants, bearings, seals, electrical systems, and enclosures will be selected for low temperatures, snow, ice, and outdoor moisture. Programming may restrict movement when conditions are unsafe.

13 How will the mechanisms be protected from freezing?

The design will consider low-temperature components, sealed enclosures, anti-condensation heaters, local heating, drainage, humidity and temperature sensors, and automatic test cycles. The final solution will depend on the location of the mechanisms and each sculptural configuration.

14 What will be the minimum and maximum operating temperatures?

Final values will be established after selecting the motors, lubricants, sensors, and enclosures. Engineering will define ranges for normal operation, restricted operation, and preventive shutdown. These limits will be integrated into the control system.

15 What happens if snow or ice accumulates?

Geometry, drainage, and resting positions will be studied to reduce accumulation. Structural calculations will include snow and ice loads. If sensors or inspections detect accumulation that is incompatible with movement, the system will keep the sculpture stationary.

16 Could moisture or de-icing salts cause corrosion?

The proposal anticipates exterior-grade stainless steel, most likely AISI 316L, with compatible fixings and finishes. The design will prevent galvanic corrosion and resolve drainage, welds, and joints correctly. A cleaning protocol will address salts and environmental deposits.

17 Could the sculptures pose a risk to birds?

The issue will be assessed with local specialists. AUREA differs from a continuous reflective façade: it has open structures, perceptible volumes, wide gaps, and slow movement. If necessary, speeds, schedules, resting positions, or lighting may be adjusted without substantially altering the work.

18 How will lighting impacts on birds be reduced?

Lighting will be warm, localised, low intensity, and directed towards the work, avoiding unnecessary emission towards the sky or lake. Hours may be reduced overnight and adapted during migration periods. Timers and automatic controls will limit lighting and energy use when unnecessary.

19 Will an environmental study be carried out?

The scope will be agreed with the City and relevant authorities. If required, SpY Studio will provide geometric, mechanical, and lighting information so local specialists can assess possible effects on birds, habitat, water, and landscape.

20 What will the nighttime lighting look like?

The proposal envisions warm, discreet lighting integrated with the landscape and architecture. It will reveal outlines, reflections, and movement without making the sculptures excessively bright. Sunset and nighttime simulations and mockups will assess intensity, colour, angles, and reflections.

21 Will lighting be integrated into the sculptures?

The team will study lighting integrated into bases or structures, discreet external projectors, or a combination of both. The final decision will depend on geometry, maintenance, light pollution, and coordination with architecture and landscape design.

22 How much energy will the sculptures consume?

Expected consumption is relatively low due to efficient motors, slow speeds, LED lighting, scheduled hours, and rest periods. Actual consumption will be calculated after equipment selection. Partial solar compensation may be studied if the architecture team confirms its viability.

23 What electrical infrastructure will be required?

The project will need power, grounding, surge protection, sealed conduits, communications, and technical access. Conduits and access points must be coordinated before completing foundations, paving, and landscaping.

24 How will the sculptures be controlled?

Industrial controllers will manage speed, direction, acceleration, braking, schedules, resting positions, and emergency stops. They may also process wind and temperature data, control lighting, record incidents, and enable remote diagnostics.

FREQUENTLY ASKED QUESTIONS

25 Can the sculptures be controlled remotely?
Yes, provided the City’s infrastructure and cybersecurity protocols permit it. The system may offer monitoring, status information, alarms, and authorised adjustments. Critical safety functions will continue to operate locally if the remote connection is interrupted.

26 Who will be able to modify the programming?
Different access levels will be established. Authorised staff will manage schedules and basic operation, while mechanical and safety parameters will remain protected. The technical integrator will deliver the final configuration, backups, and recovery procedures.

27 What happens during a power outage?
The system will be designed to stop safely. After power returns, it may perform an automatic check or require authorisation before restarting. Engineering will assess whether any component needs backup power to complete a controlled stop or maintain communications.

28 What type of foundations will be required?
Each foundation will be calculated according to height, geometry, weight, environmental and dynamic loads, geotechnical conditions, proximity to the lake, groundwater, and buried services. The intention is to conceal foundations and connections to preserve the visual clarity of the ensemble.

29 Where will motors and electronic systems be installed?
Where viable, some mechanisms may sit within the base or in a technical compartment below the pavement. The space will be sealed, drained, and, if necessary, ventilated or conditioned, with safe maintenance access. The solution will respond to groundwater and flood risk.

30 How will the maintenance team access the systems?
Discreet, secure access panels will be incorporated. Technicians will be able to reach motors, controls, connections, and wear parts using standard tools without dismantling the complete sculpture. Access will be coordinated with paving, furniture, and planting.

31 What conduits should be planned?
The project should allow for power, grounding, communications, spare conduits, drainage, accessible service points, and sensor connections. Early coordination will avoid later intervention in completed paving or landscaping.

32 What happens if the Area A pier is still undefined?
The pier remains an ideal location because of its relationship with the lake, route, and skyline. SpY Studio will work with the architecture team to adapt the foundation, access, and conduits once the pier design is sufficiently developed.

33 Can the sculpture be installed if the pier is not built?
Yes. It could move to a nearby location on the lawn or promenade while retaining its visual relationship with the lake. The change would require a review of placement, views, circulation, foundation, conduits, and landscaping.

34 What routine maintenance will be required?
The programme will include visual inspections, cleaning, review of fixings and joints, checks of motors, gearboxes, bearings and seals, sensor and emergency-stop testing, electrical inspection, and checks after severe weather events.

35 Will replacing a motor be difficult?
The system will be modular and accessible. A qualified technician will be able to remove and replace motors and wear parts without dismantling the complete sculpture. The design will prioritise standard industrial components that remain commercially available.

36 What is the expected service life of the motors?
Industrial motors can provide a long service life when correctly sized, protected, and maintained. Exact duration will depend on the model, loads, and daily cycles. The design will provide capacity above normal operating loads to reduce wear.

37 Will spare parts be supplied?
The producer will prepare a list of critical spare parts and assess an initial supply of sensors, electronic components, seals, or other items. The final scope will depend on the selected system and agreed budget.

38 How will the mirror finish be maintained?
The producer will provide a specific protocol covering approved products, tools, frequency, and methods for removing dust, fingerprints, salts, and residues. Specialised personnel will carry out or supervise repairs to visible surfaces.

39 What warranties will be provided?
The contract will distinguish warranties for fabrication, surface finish, mechanical systems, electrical work, lighting, programming, and installation. Commercial components will retain their manufacturers’ warranties. The final producer will manage the technical warranties.

40 Will the sculptures be safe for the public?
The works will comply with the codes applicable to public space. Engineering will study clearances, entrapment points, accessibility, speeds, loads, stability, and failure response. Moving elements will remain out of reach or will be designed to avoid contact hazards.

41 What happens if someone touches or obstructs a moving part?
The system may incorporate torque control, resistance detection, sensors, physical safety clearances, and automatic stopping. Safety will be resolved through design and engineering rather than relying only on signage.

42 Will there be an emergency stop?
Yes. The project will study emergency-stop devices and electrical isolation procedures. Their location and access will be coordinated with the City to allow a rapid response while preventing misuse.

43 How will vandalism be addressed?
The design will use resistant materials, concealed connections, security fasteners, and protected cabling. Access panels and control cabinets will be restricted. Engineering will review possible climbing, gripping, impact, or tampering points.

44 Where will the sculptures be produced?
The initial intention is to bring fabrication and assembly as close as possible to Madison or elsewhere in the United States. Some specialised parts or prototypes may be developed in Spain with trusted collaborators. The final decision will optimise quality, control, cost, logistics, tariffs, schedule, and maintenance.

45 Will local companies and workers be involved?
Yes. The project anticipates collaboration with local engineers, fabricators, installers, electricians, crane operators, automation technicians, and contractors. Their participation will be essential for regulatory compliance, permits, installation, and efficient technical support.

46 Will the sculptures be tested before installation?
Wherever practical, the producer will conduct preassembly and test movement, noise, vibration, programming, and safety at the factory. This will allow issues to be corrected before transport and reduce on-site work.

47 How long will installation take?
The schedule will depend on final design, weights, foundations, crane access, construction sequencing, power, and coordination with other contractors. The programme will cover civil preparation, delivery, assembly, connections, programming, testing, and commissioning.

48 How will SpY Studio coordinate with Madison?
SpY Studio will appoint a project manager with experience in architecture and public-art production. This person will act as the main contact for the City, architecture, landscape design, engineering, production, installation, environmental specialists, and operations teams.

FREQUENTLY ASKED QUESTIONS

49 Who will assume the different technical responsibilities?

A specialist producer will assume overall technical responsibility for engineering, fabrication, installation, certification, and commissioning within the agreed scope. The producer will coordinate engineers, fabricators, installers, and suppliers and ensure local compliance. SpY Studio will retain artistic direction but will not assume engineering, certification, operation, or maintenance. A responsibility matrix will define who designs, supplies, reviews, installs, certifies, warrants, and maintains each system.

50 How will requested changes be managed?

A change-control process will evaluate artistic, technical, financial, and schedule impacts before approval. This will be particularly important for changes to location, foundations, dimensions, infrastructure, programme, or access after fabrication has begun.

51 What documentation will be delivered?

The producer will provide final and as-built drawings, calculations, certificates, operation, maintenance and cleaning manuals, mechanical and electrical documentation, programming and backups, component and spare-part lists, warranties, emergency procedures, and an inspection schedule.

52 Will City staff receive training?

Yes. The producer will train the responsible team in normal operation, basic programming, cleaning, inspections, alarm response, safe shutdown, restart procedures, and coordination with specialist technicians.

53 What support will be provided after installation?

The final producer will be responsible for technical support during the contractual period, including warranties, incidents, repairs, and system maintenance. The producer will provide manuals, training, spare parts, and contacts. SpY Studio will participate in final artistic approval and may answer conceptual or visual questions, but will not assume ongoing technical monitoring, maintenance, repairs, or daily operation.

54 Does the budget include every project requirement?

The ten budget blocks identify the anticipated artistic, technical, production, logistical, and operational requirements. The final allocation of certain responsibilities and costs among SpY Studio, the City, architects, engineers, the producer, and local contractors still requires definition.

55 Why is a contingency allowance recommended?

The proposal remains at a preliminary stage. The pier, geotechnical conditions, foundations, engineering, logistics routes, and all regulatory requirements are not yet final. Contingency will address unforeseen conditions or approved changes without compromising development.

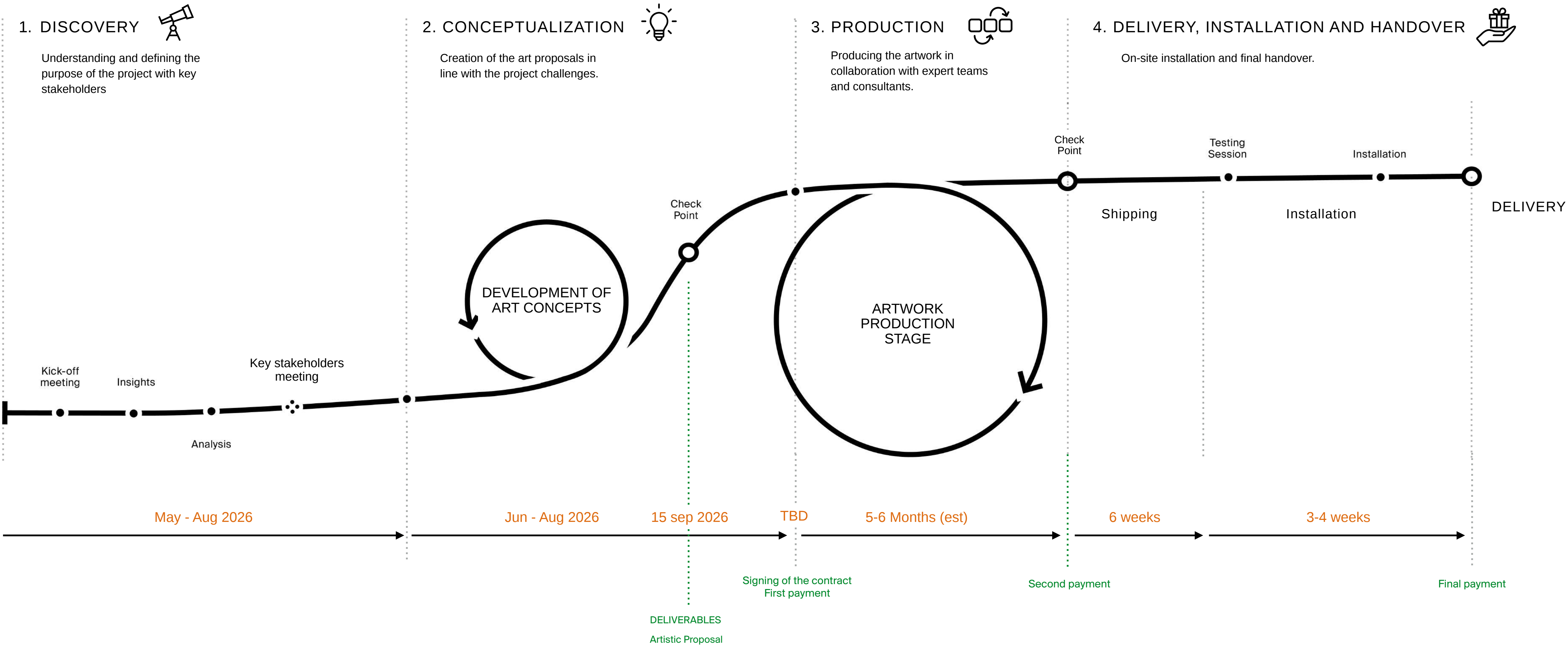
56 Which issues should be resolved first?

Priorities include confirming locations and the pier, obtaining surveys and geotechnical information, defining responsibilities, developing engineering, assessing the environment and bird safety, selecting motors and controls, coordinating conduits and drainage, testing prototypes, confirming fabrication, and finalising budget, schedule, and installation.

CALENDAR

The following preliminary timeline remains subject to the progress of the site redevelopment works, seasonal weather conditions, international logistics, and the final coordination of production, installation, and site readiness.

PROJECT JOURNEY



THANK YOU

Collaboration and Support

You can find all the visual materials related to the project at the following link:

[AUREA](#)

SpY Studio is pleased to collaborate closely with the key decision-makers of the project to jointly define all necessary aspects throughout the development process. We remain fully available to address any technical, conceptual, or logistical questions that may arise, always with the shared goal of ensuring the success and quality of the project.