

Visitor's Experience and Messaging



PURE WATER PROJECT
LAS VIRGENES-TRIUNFO

Bringing Our Water Full Circle

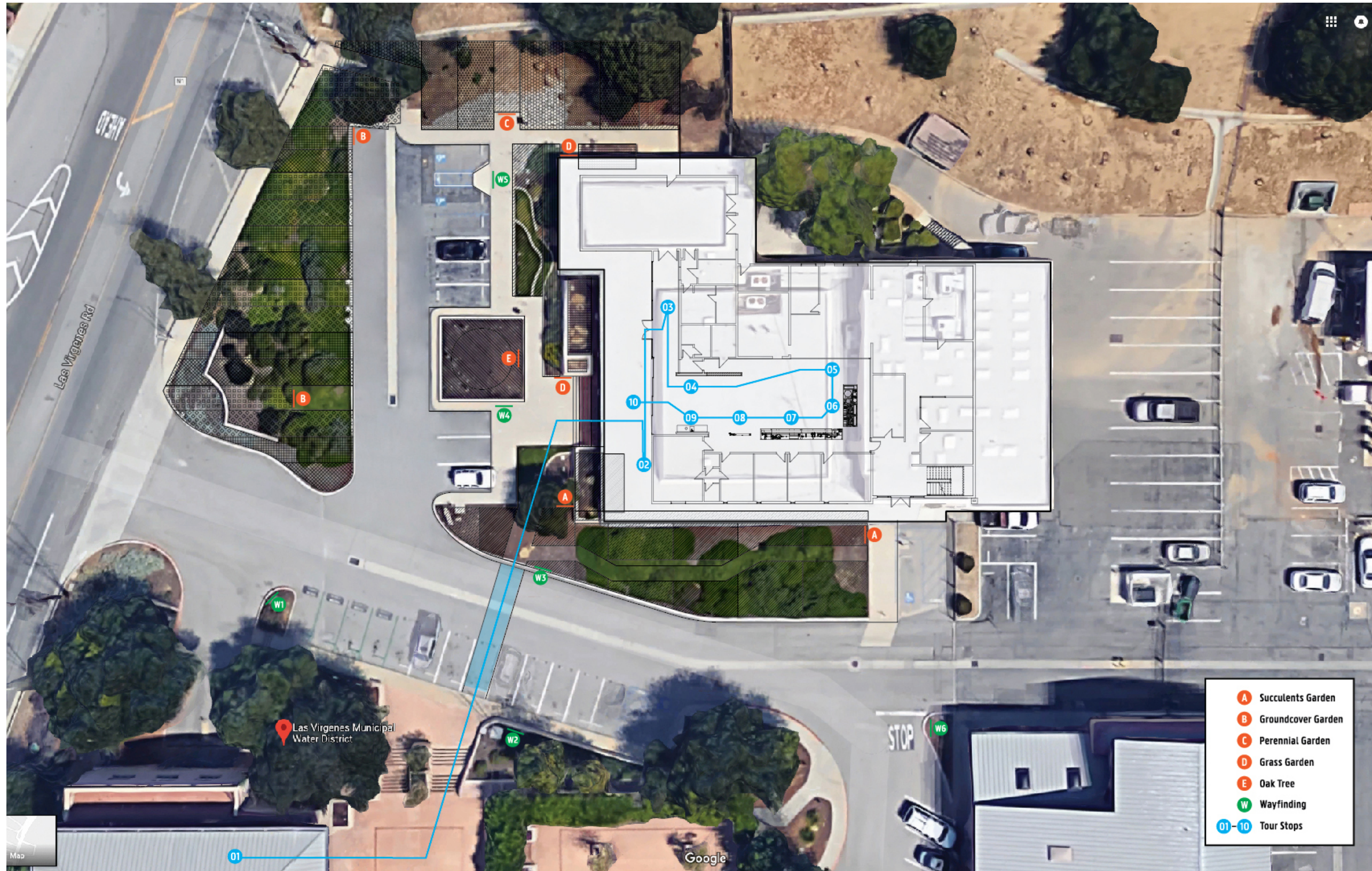
03.04.19



ASTOUND

Site Plan

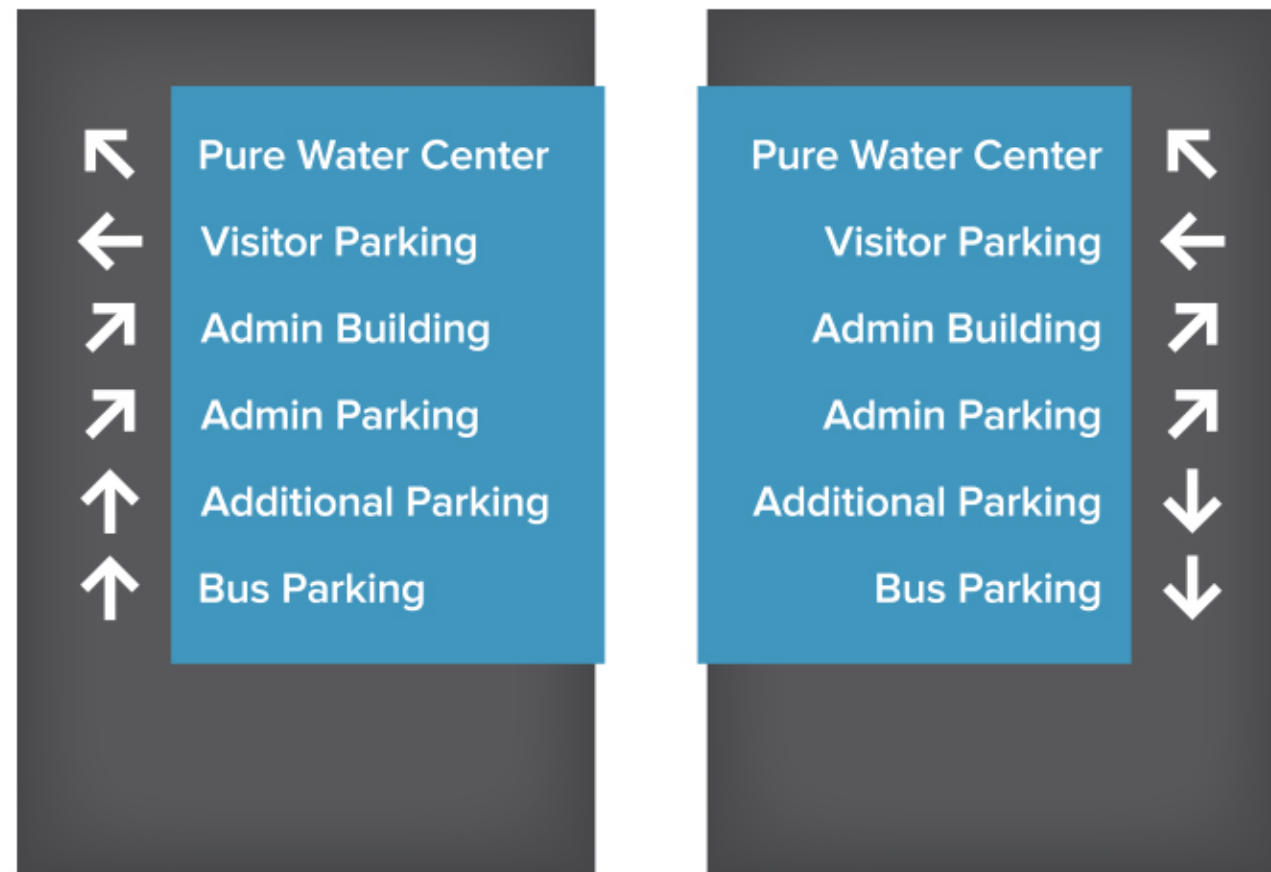
3 LVMWD Pure Water Project



Wayfinding Signage

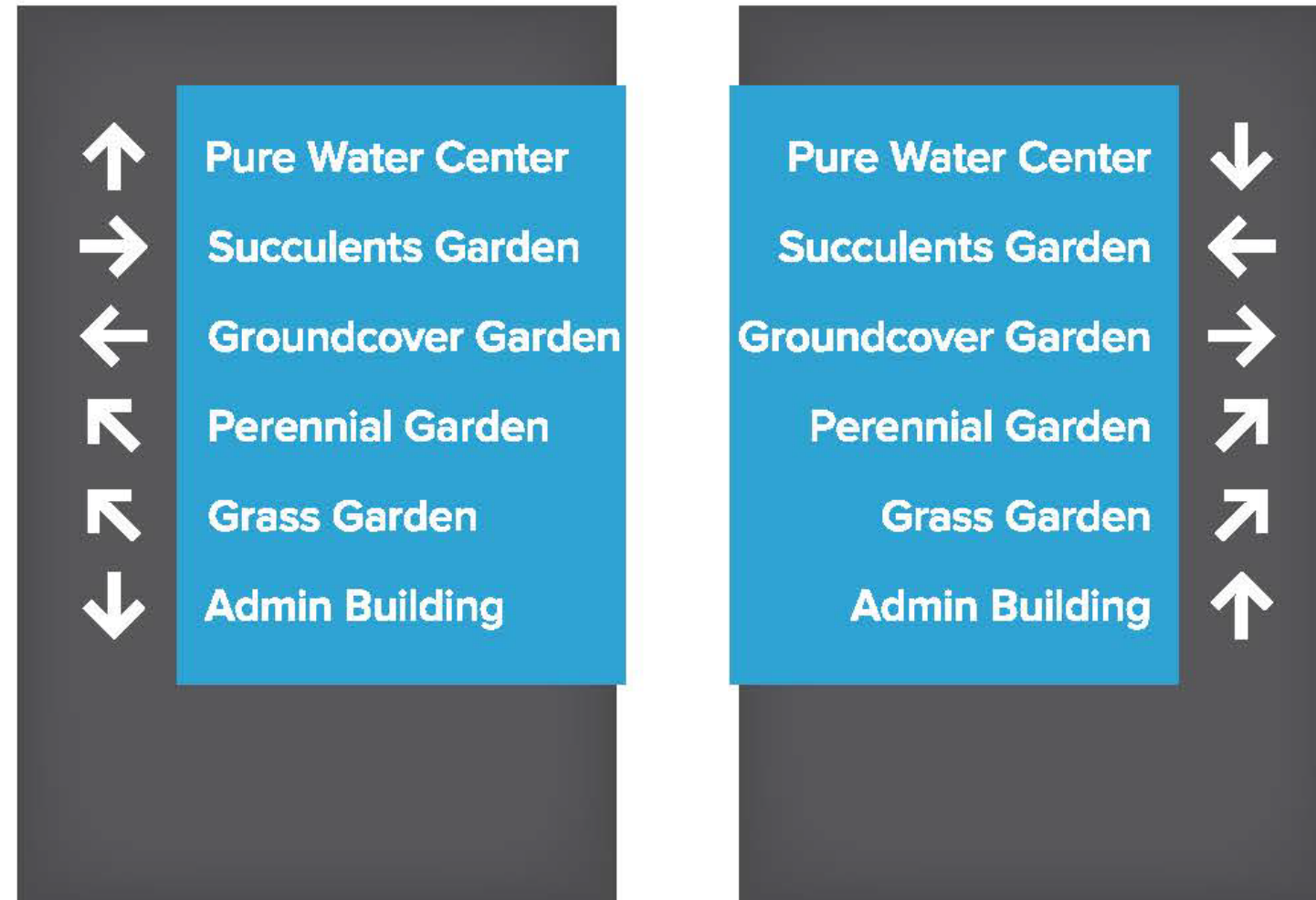
5 LVMWD Pure Water Project

We are working with staff on the appropriate number and locations for the signage.





PURE WATER: WAYFINDING AREA W1
Date: 01.25.19 | Rev: #00 | Substrate: TBD | Size: 30" x 45"

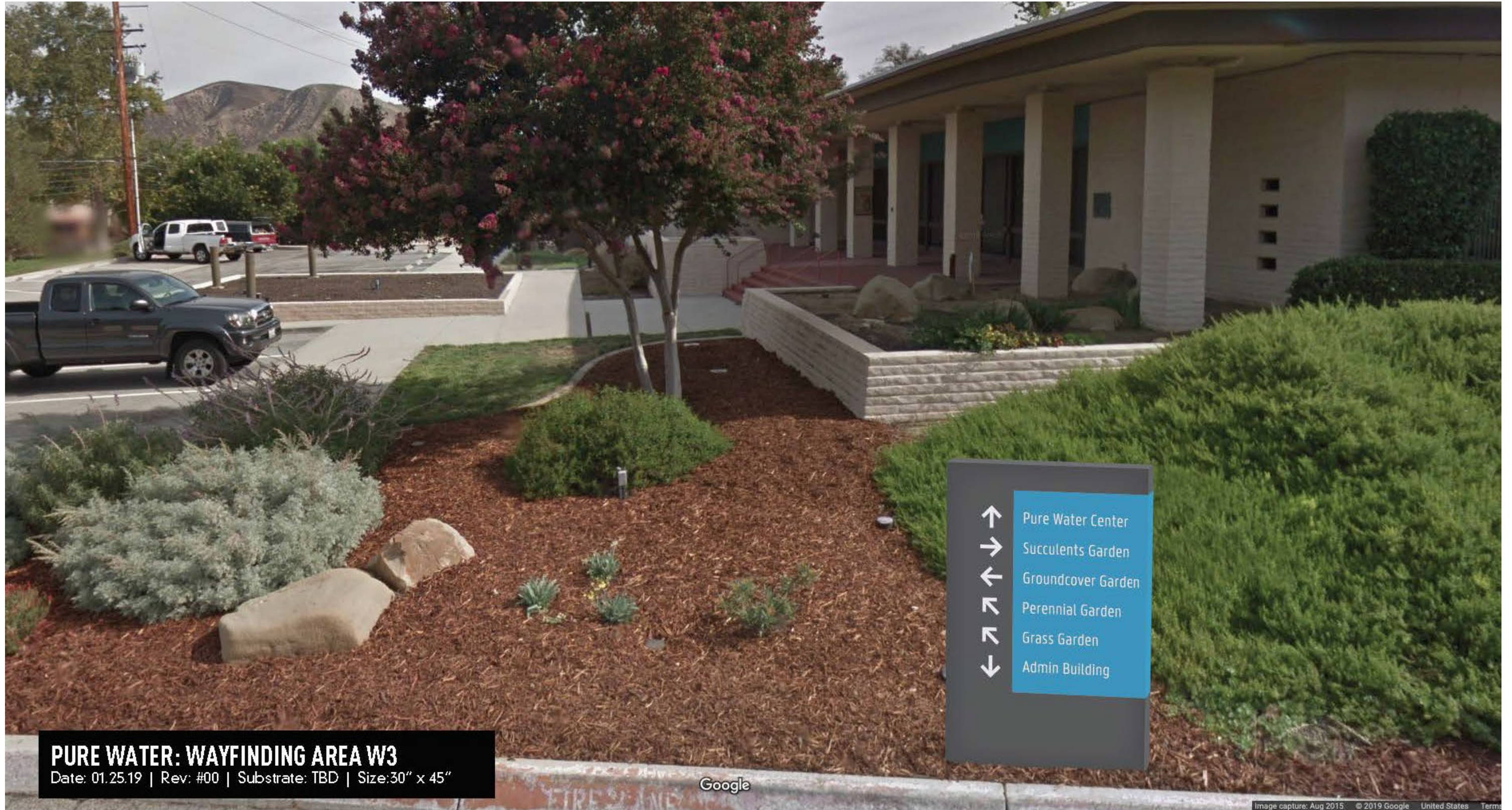


W3 Pathway (Street side)

W3 Pathway (Garden Side)

PURE WATER: WAYFINDING AREA W3
Date: 01.25.19 | Rev: #00 | Substrate: TBD | Size: 30" x 45"






Garden Signage

10 LVMWD Pure Water Project

these will be incorporated into the design for the demonstration garden.



GROUND COVER GARDEN

1. Carmel Sur Manzanita
Arctostaphylos edmundsii 'Carmel Sur'

This is a petite, low-lying manzanita which forms mounds and patchy mats in sandy soil. The leathery leaves are small and rounded to oval, dark green and shiny when mature and red-edged when new. The inflorescences are dense with flowers, which are small, urn-shaped to rounded, and waxy white to very pale pink. The fruit is a shiny, reddish-brown drupe between one half and one centimeter wide.

☀️ Full Sun | 🌱 Full Sun | 🌿 Full Sun | 🚰 No Water | 🌿 No Water



GROUND COVER GARDEN

3. Silver Carpet
Dymondia margaretae

Native to South Africa, *Dymondia* consists of low-growing mats of narrow, greyish-green leaves with fuzzy white undersides, giving them a silvery appearance. In summer, this environmentally friendly plant produces masses of tiny, daisy-like blooms that are frequently visited by bees.

Dymondia performs best in sandy, well-drained soil, and is easy to establish by planting flats, which are divided into small pieces and planted about 12" apart.

☀️ Full Sun | 🌱 Full Sun | 🌿 Full Sun | 🚰 No Water | 🌿 No Water



GROUND COVER GARDEN

2. Hybrid Kleinia
Senecio talinoides 'Jolly Gray'

This species occurs in South Africa's Cape region where a number of subspecies have been selected for ornamental use. Two subspecies grow well in California and are planted for their striking foliage color and texture in rock gardens, containers and as ground covers. They do best in full sun, with good drainage and low moisture.

☀️ Full Sun | 🌱 Full Sun | 🌿 Full Sun | 🚰 No Water | 🌿 No Water



GROUND COVER GARDEN

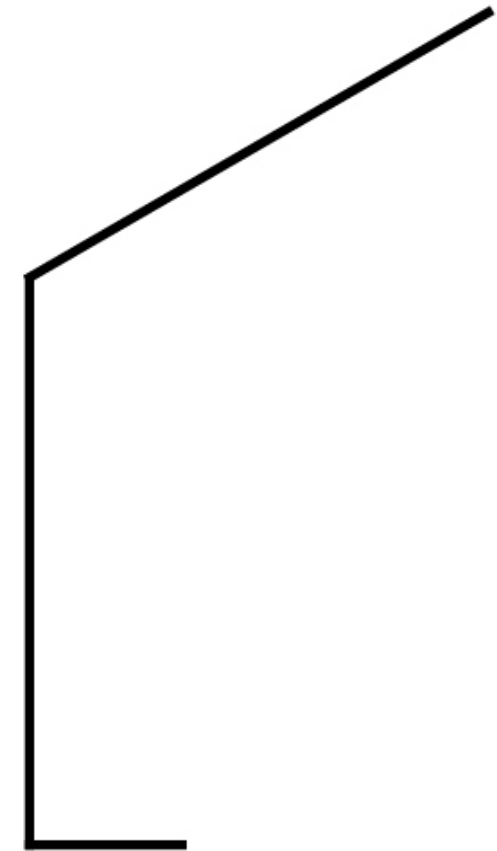
4. Tufted Ice Plant
Delosperma sphaalmantoides

Delosperma sphaalmantoides is a small, compact cold hardy plant. The leaves are minuscule, blue-green, finger-like, held upward in a small cushion that may grow up to 1" in height and up to 12" in diameter. The crowded cylindrical leaves are covered in spring by magenta flowers.

Delosperma plants will bloom for most of the summer and fall. Because their foliage is mostly evergreen, they make a great year-round ground cover.

☀️ Full Sun | 🌱 Full Sun | 🌿 Full Sun | 🚰 No Water | 🌿 No Water

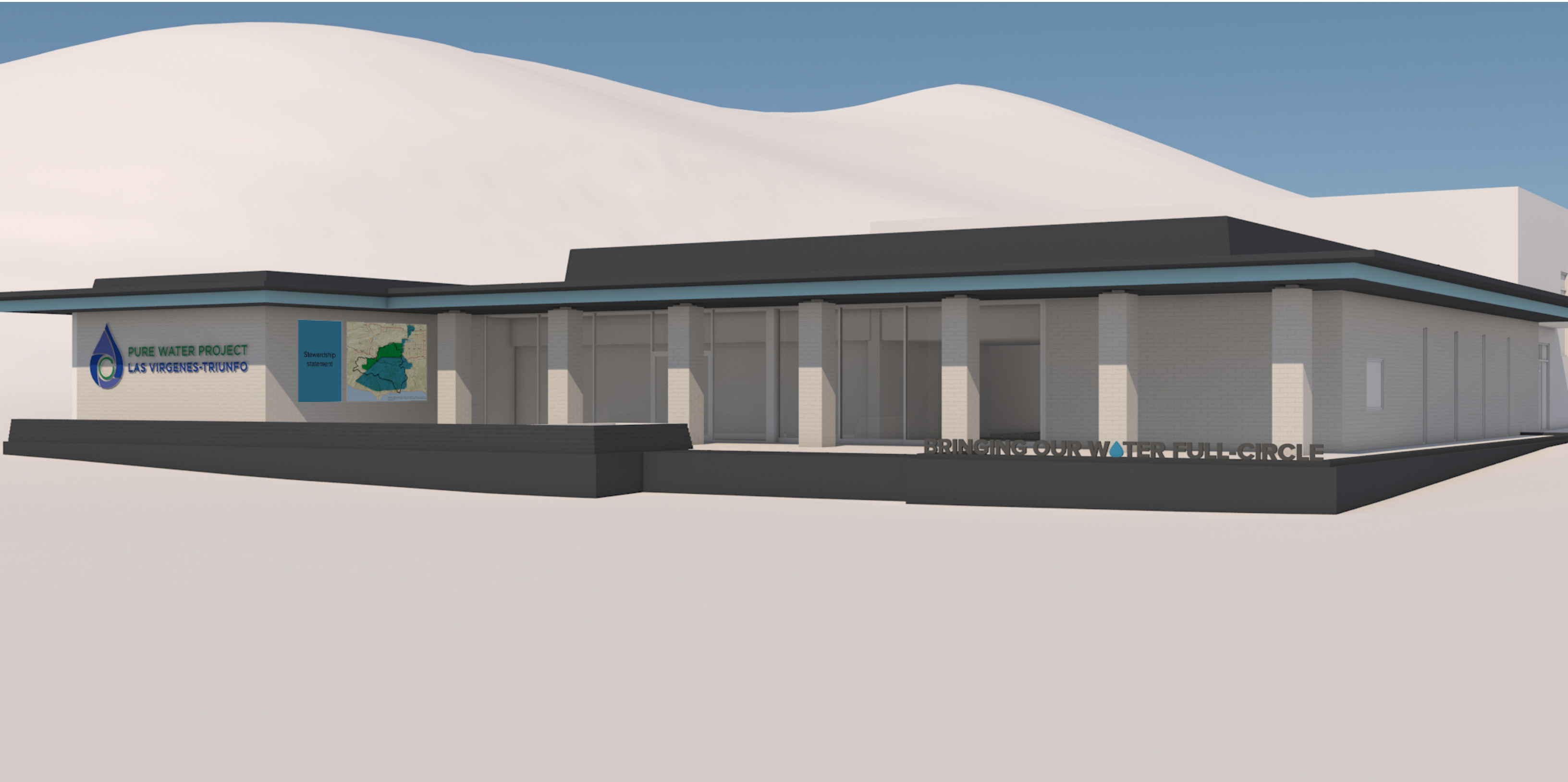


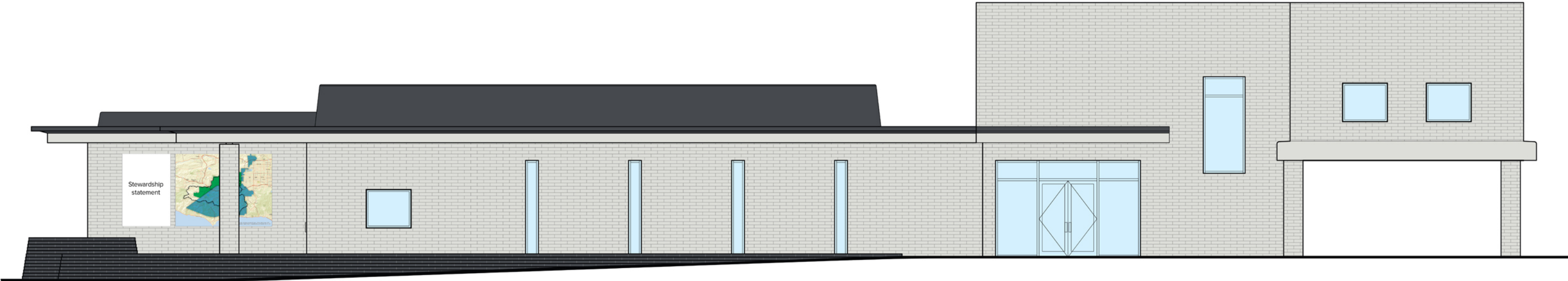


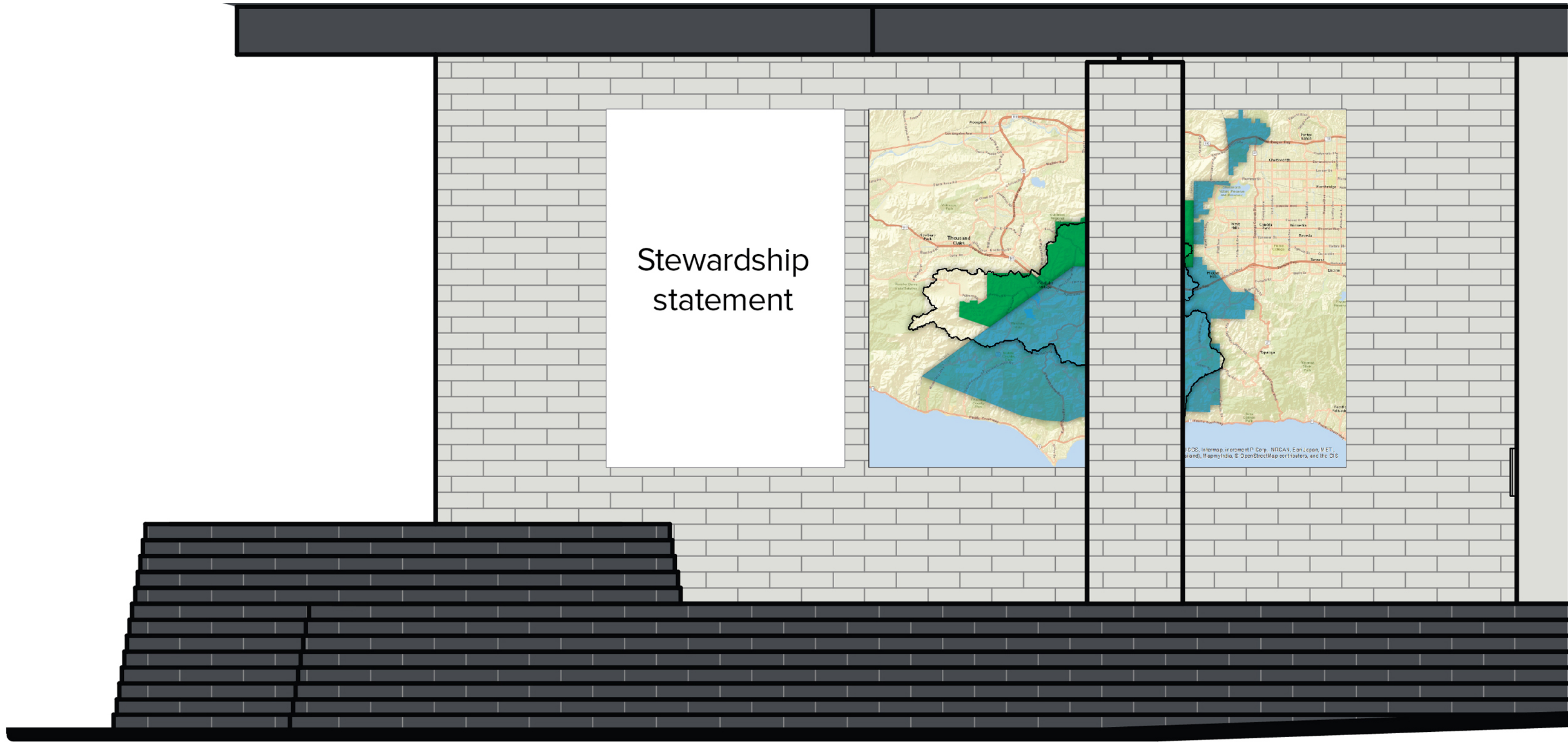
A black and white microscopic image showing a complex biological structure. A central dark region is highlighted with a white border, containing the text 'Process Building Exterior'. The surrounding area is filled with intricate, branching, and granular patterns, likely representing a biological process or structure.

Process Building Exterior

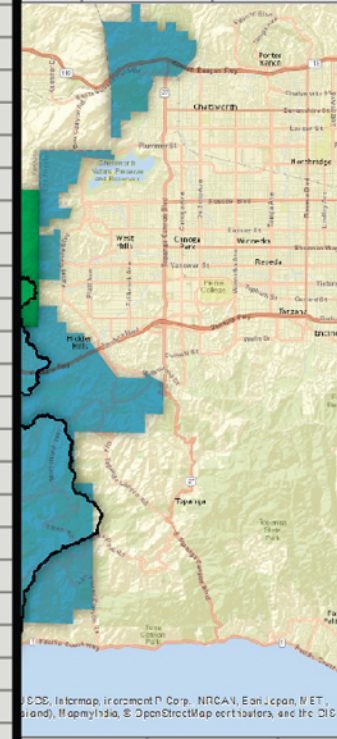
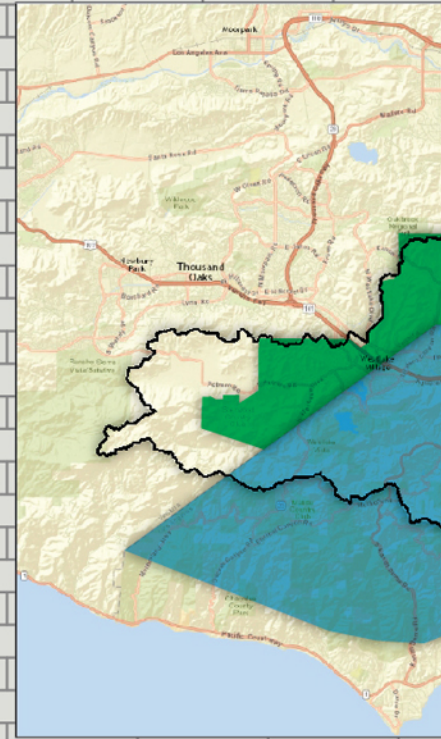




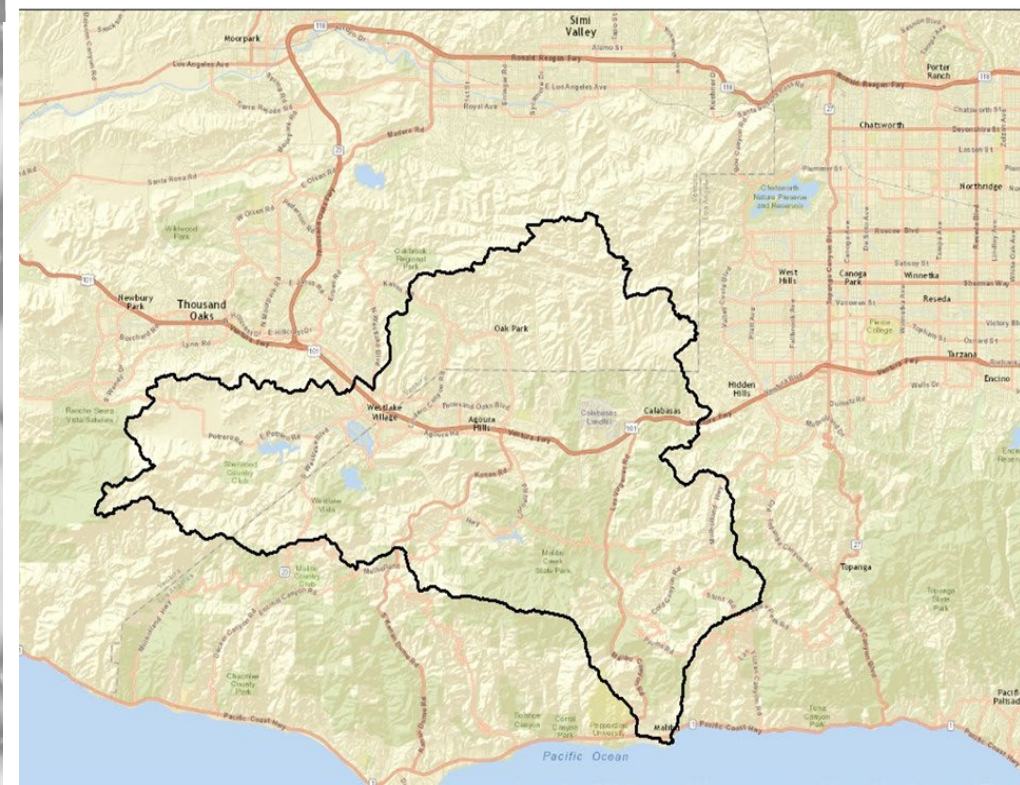




Stewardship
statement



Visitor Tour Stops



AREA 1: ADMIN BUILDING BOARD ROOM

Survey, Graphics and Video Intro

- Conduct pre-visit survey
- Provide video overview of water infrastructure
- Replace Chinese Tapestries with graphic related to CA Aqueduct / SWP system
- Create graphic opposite wall for watershed map and service areas for Triunfo and LVMWD.
- Update Board Room graphics in adjoining hallway. Suggesting timeline of JPA history.

19 LVMWD Pure Water Project (Timeline that could begin with the JPA being an early adopter of water recycling (early 70s), depicting some of the various studies over the years, highlighting the TMDL, investigation of seasonal storage (reservoir concept) and eventually getting to the stakeholder effort that pointed to potable reuse.)

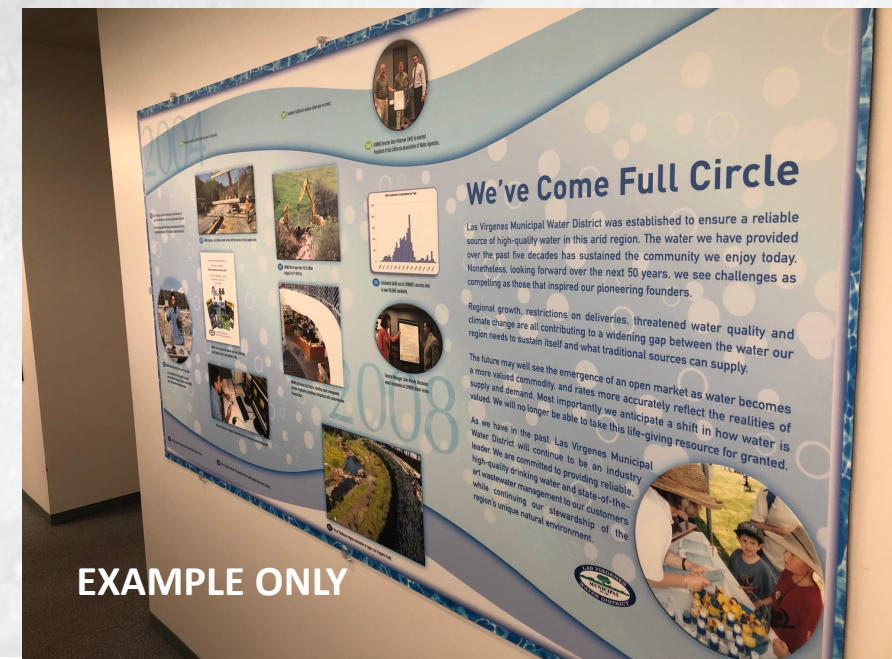


EXAMPLE ONLY

AREA 1: ADMIN BUILDING BOARD ROOM

JPA History Timeline

- Update Board Room graphics in adjoining hallway. Suggesting timeline of JPA history.



EXAMPLE ONLY



AREA 2: RAIN BARREL & IRRIGATION CONTROL

Rain Garden Area

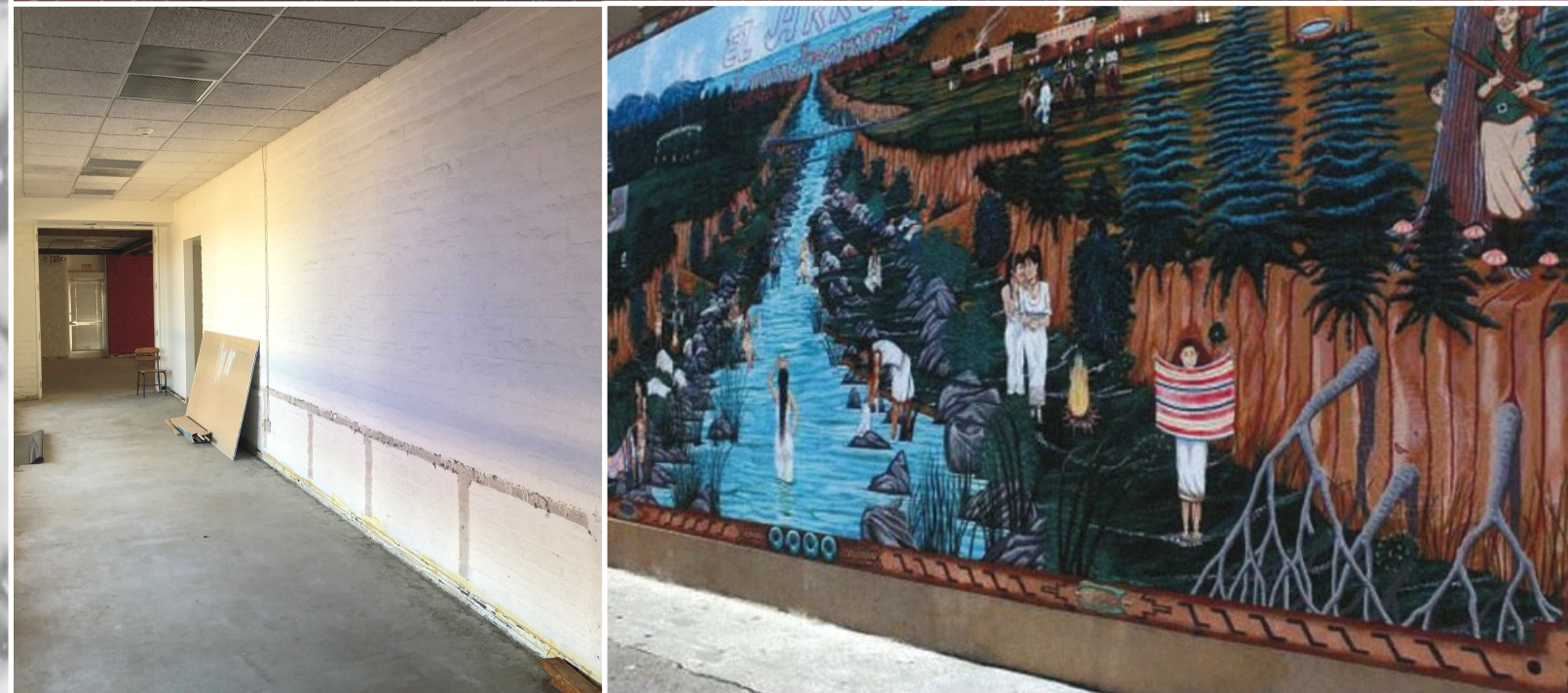
- Identify rain barrel to be installed and its usage
- Identify Weather-based Irrigation Controller and explain benefits which reduce imported water needs
- Show how visitors can take part in conservation daily
- Final landscape design TBD. Coordinate with Carollo on final requirements.

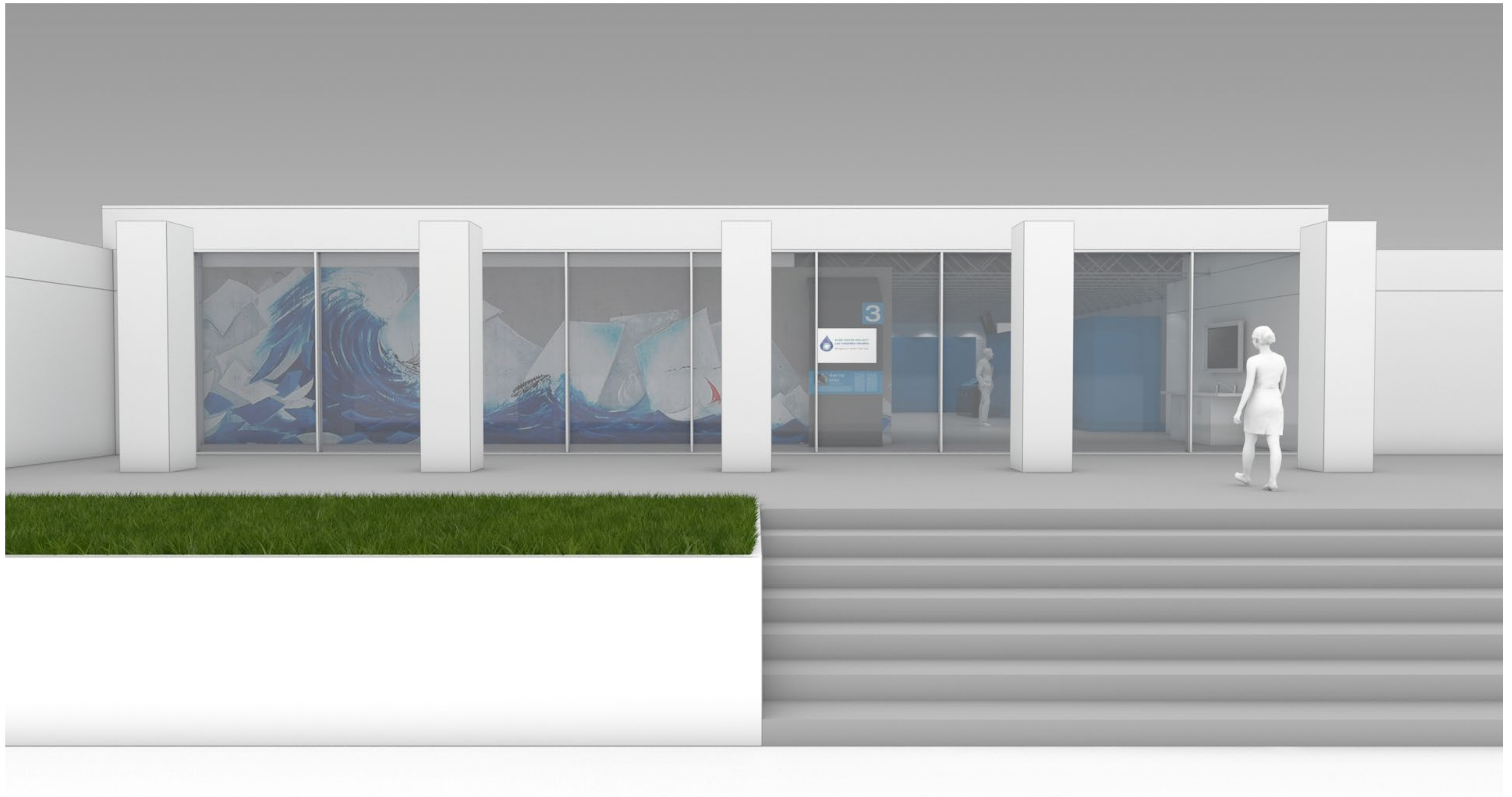


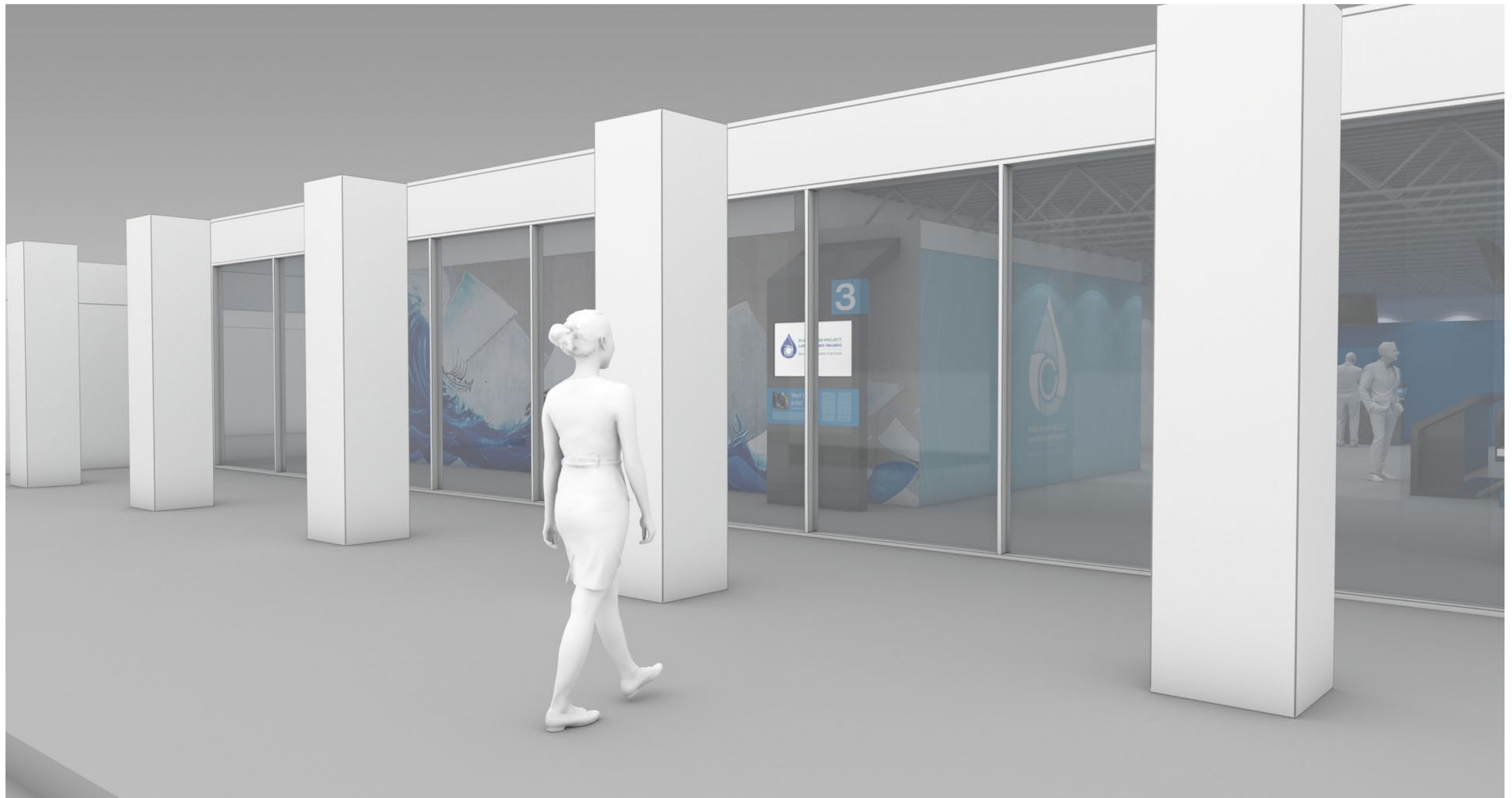
AREA 3: PROCESS BUILDING MURAL

Entrance

- New full glass storefront with potential street view and identity options.
- Enhanced lighting for presence after dark
- Street style mural portraying importance of clean water.
- Staff to commission artist.



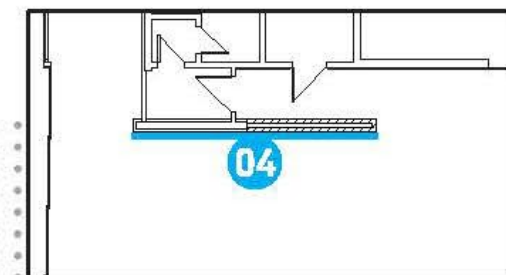
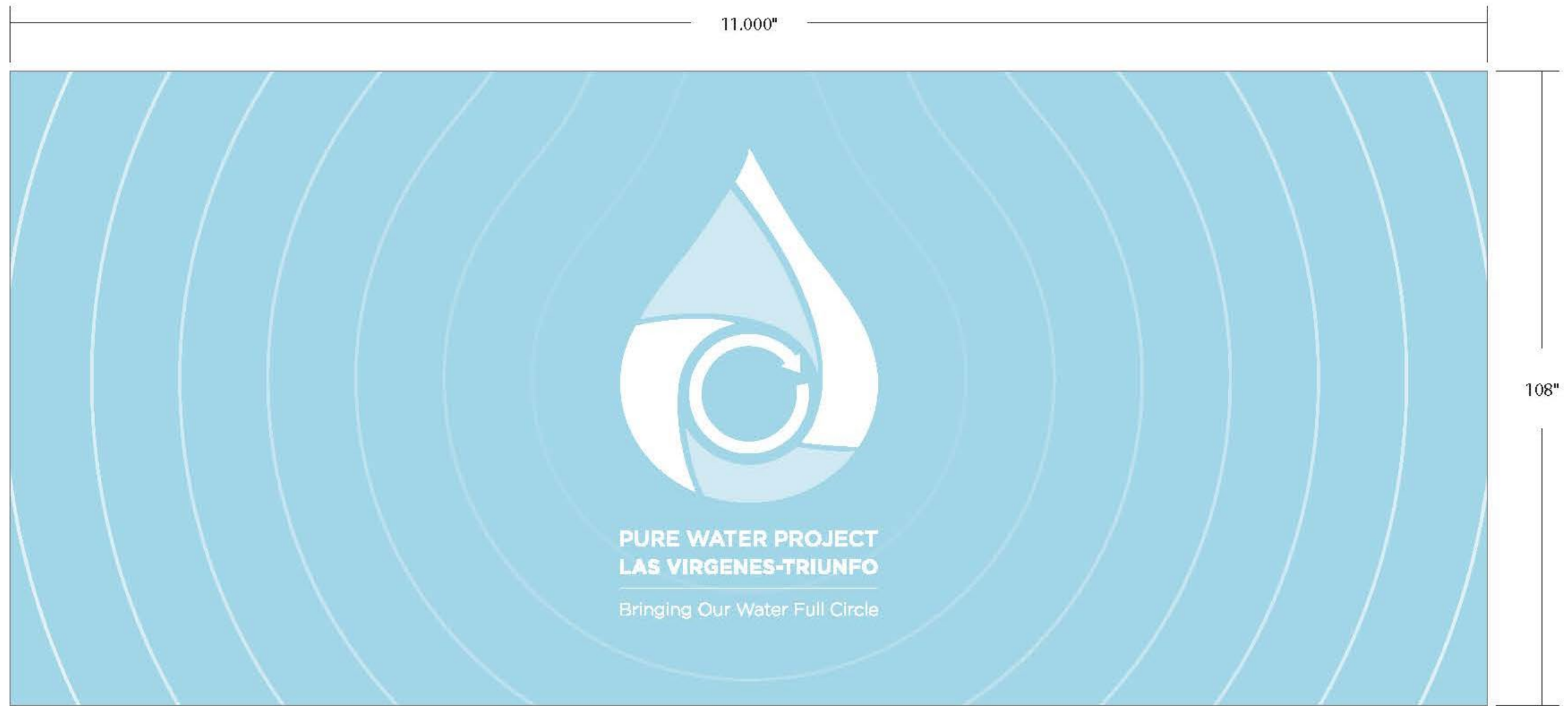






Mural as Example Only

AREA 4: PROCESS BUILDING PHOTO OPPORTUNITY



PURE WATER: WAYFINDING AREA 04

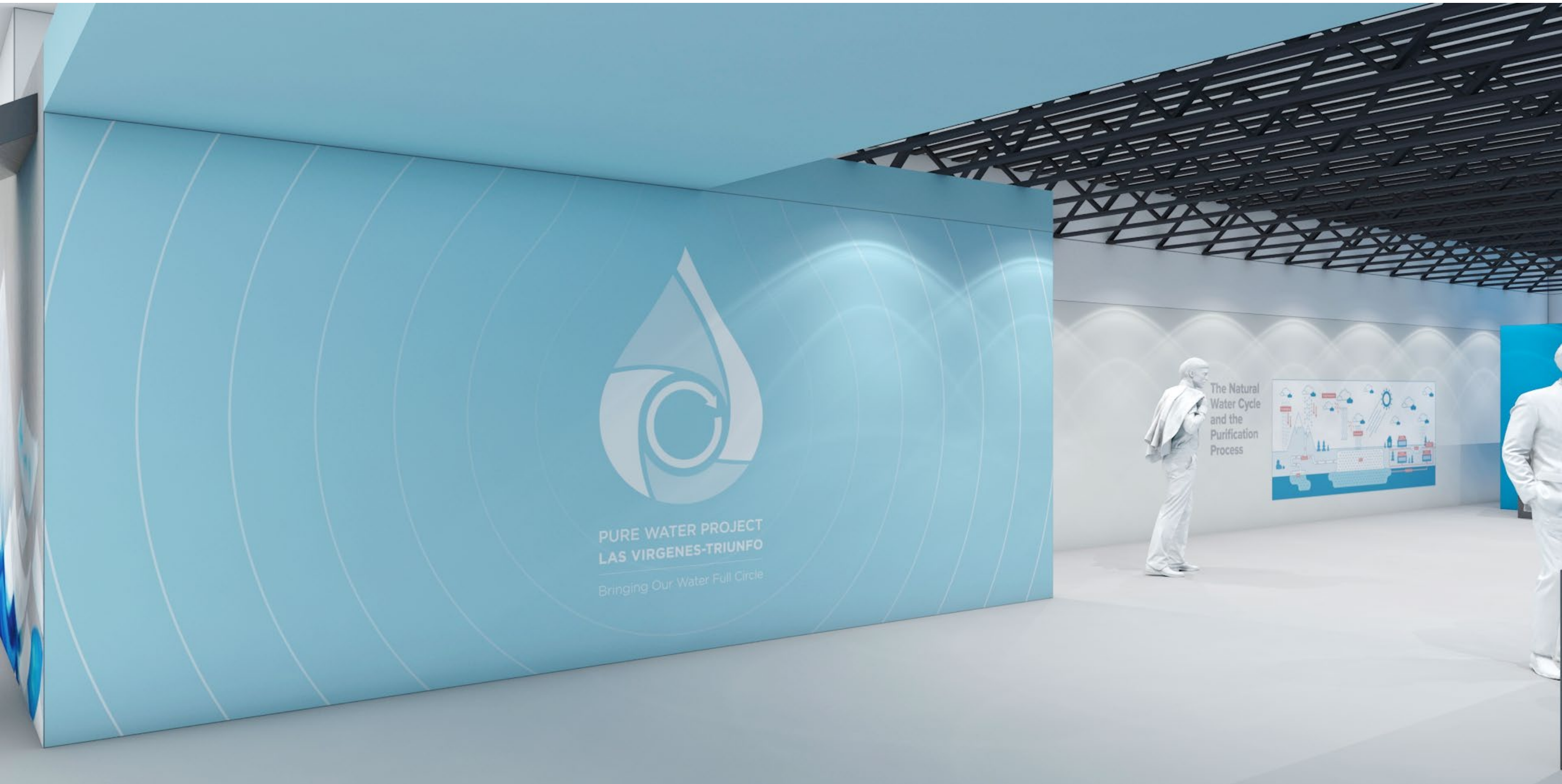
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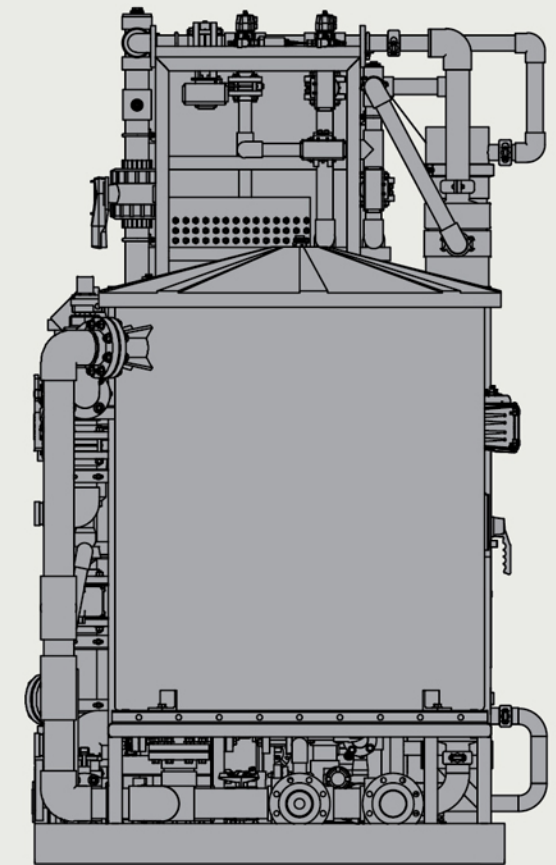
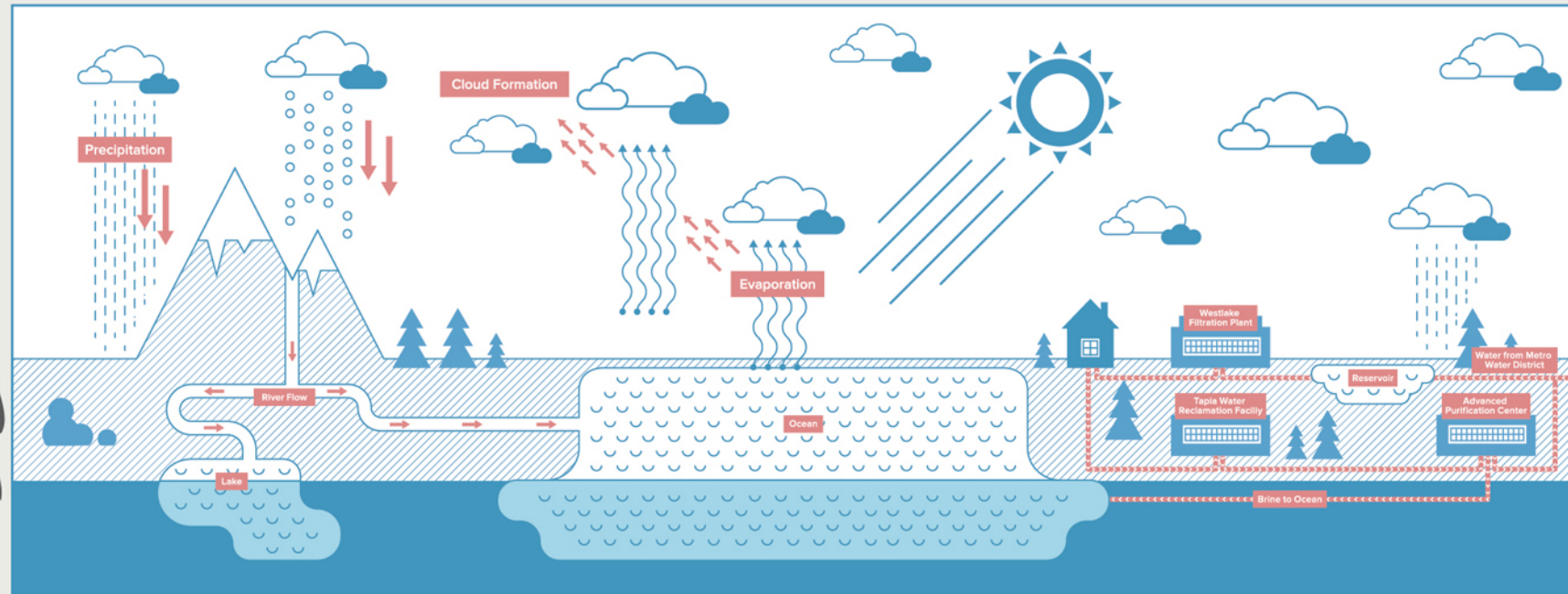
Visitor Tour Stops

ASTOUND

AREA 4: PROCESS BUILDING PHOTO OPPORTUNITY



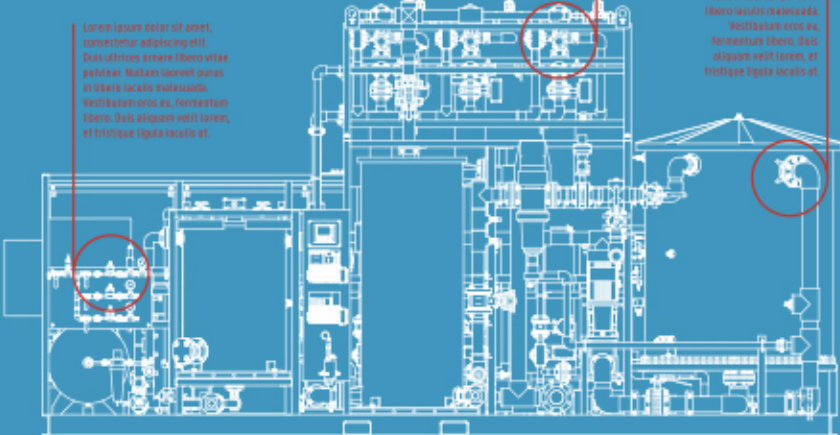
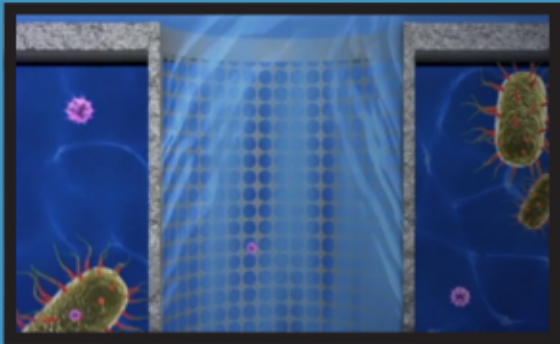
The Natural Water Cycle and the Purification Process



AREA 6-7-8: PROCESS INTERACTIVES

Ultra-filtration Process Unit

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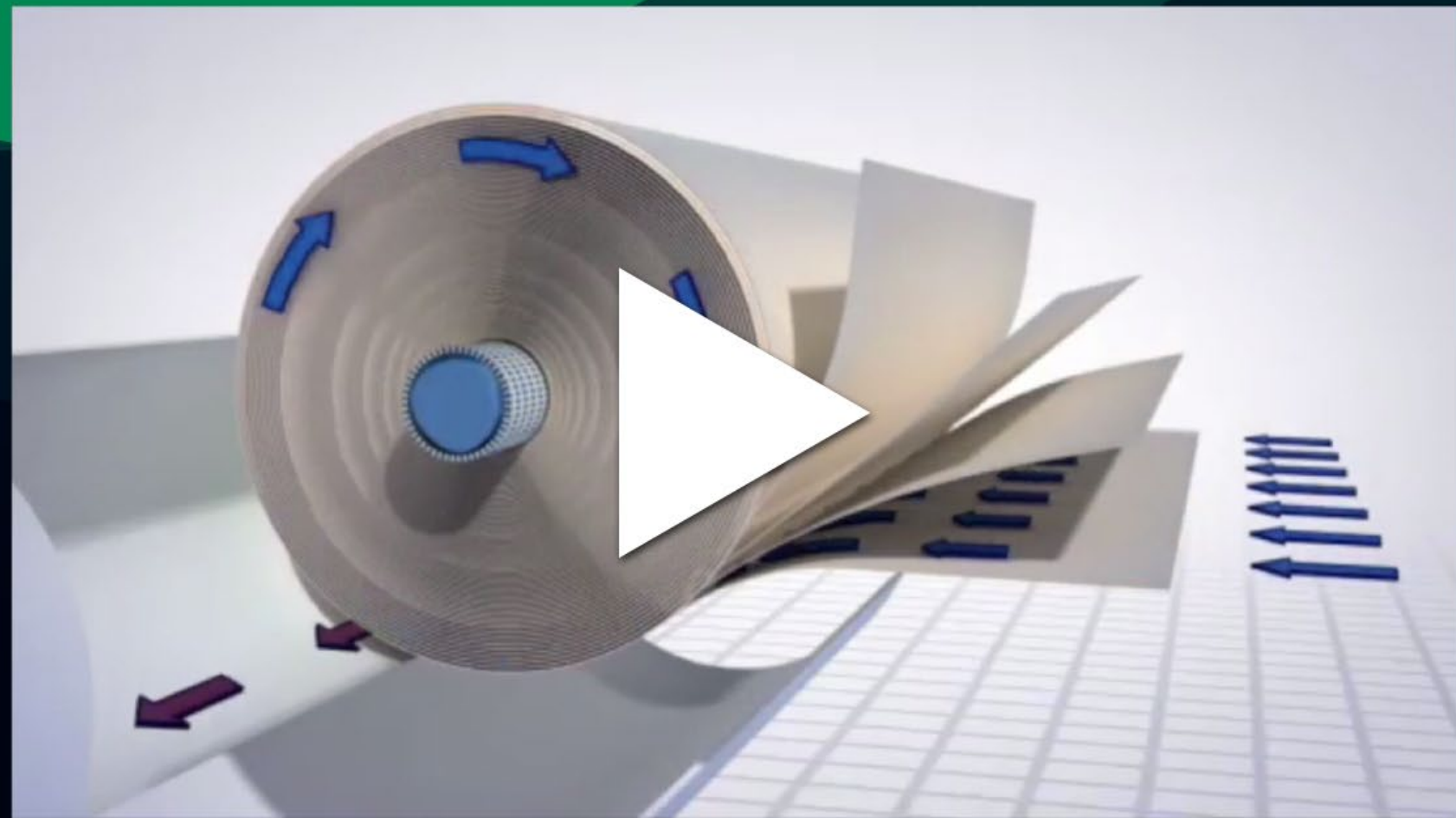
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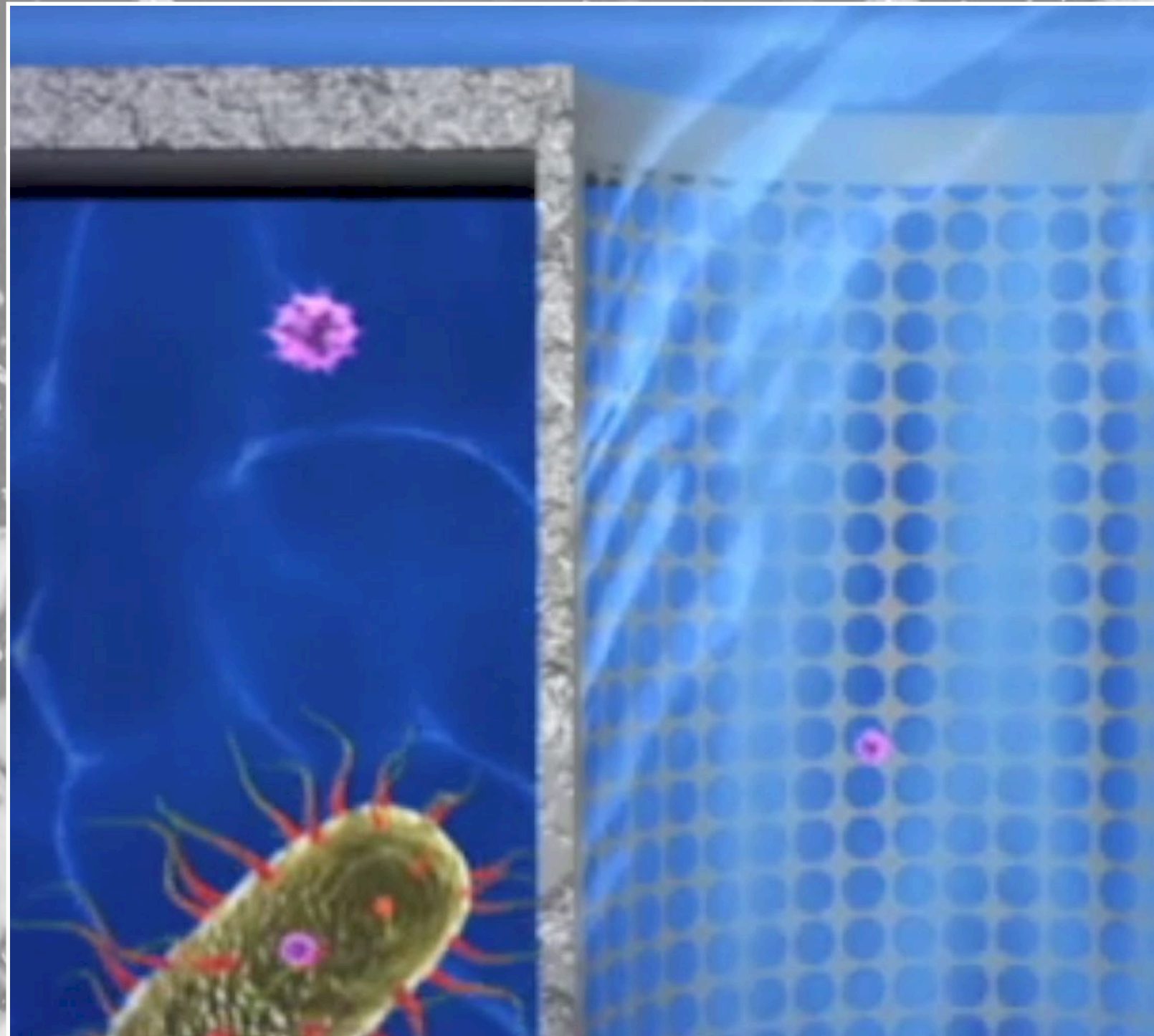
6





LEARN ABOUT
**REVERSE
OSMOSIS**





AREA 6: ULTRA-FILTRATION PROCESS UNIT

Ultra-Filtration

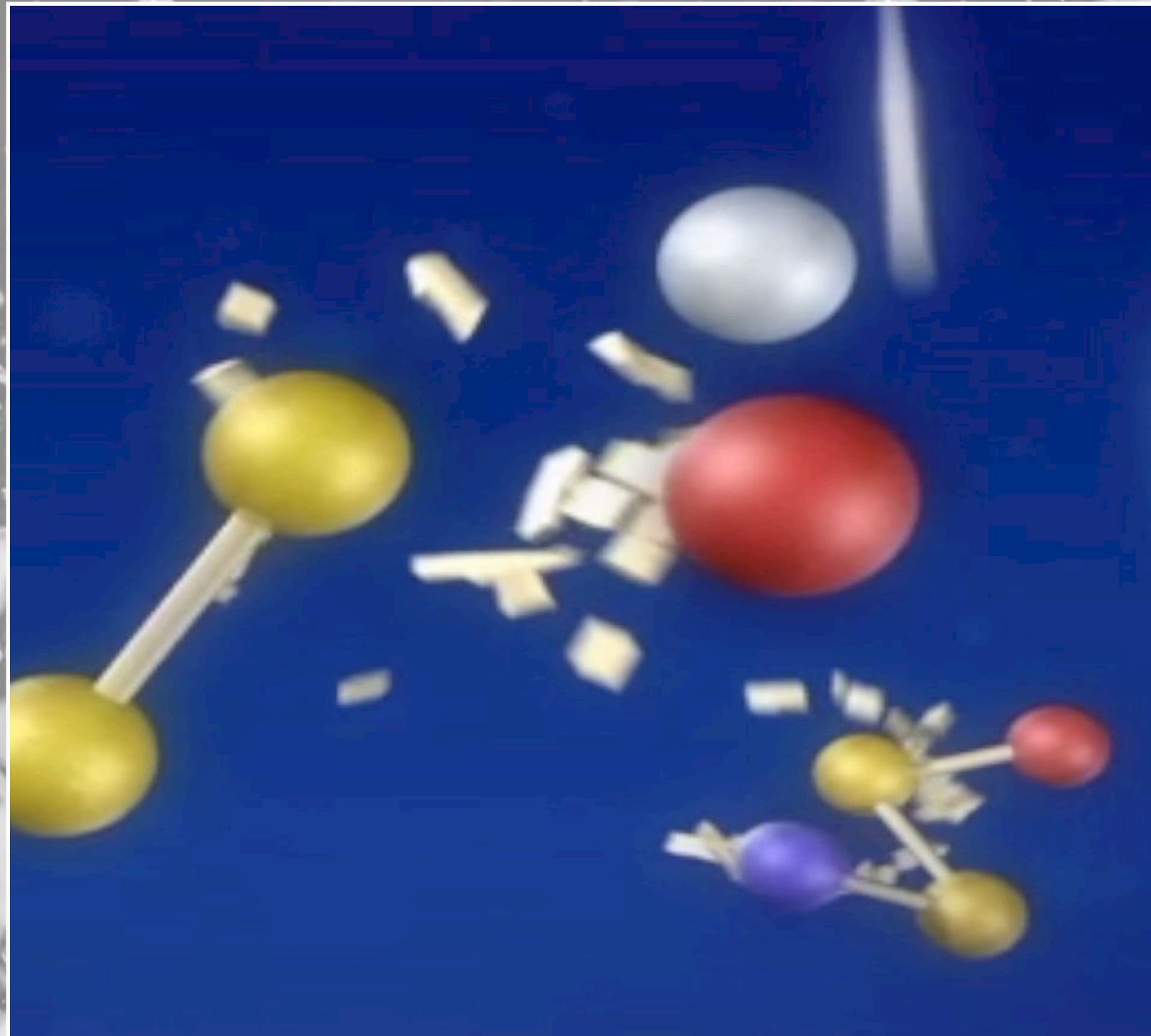
- Video animations show how treatment processes work
- Opportunity to see actual machinery
- Reinforces multi-barrier approach
- Highlights quality monitoring stations
- Enhanced lighting on equipment
- Provide voiceover revision from AU to US accent.



AREA 7: REVERSE OSMOSIS PROCESS UNIT

Reverse Osmosis

- Video animations show how treatment processes work
- Opportunity to see actual machinery
- Reinforces multi-barrier approach
- Highlights quality monitoring stations
- Enhanced lighting on equipment
- Provide voiceover revision from AU to US accent.



AREA 8: UV & ADVANCED OXIDATION PROCESS UNIT

UV and Advanced Oxidation

- Video animations show how treatment processes work
- Opportunity to see actual machinery
- Reinforces multi-barrier approach
- Highlights quality monitoring stations
- Enhanced lighting on equipment
- Provide voiceover revision from AU to US accent.







AREA 9: WATER TASTING KITCHEN

Water Tasting Station

- Develop a functional residential kitchen for tasting opportunities
- Visitors would get small branded souvenir cup
- Final commitment demonstration
- Illustrates how pure this water is
- A place for discussion, photo opportunities and community functions



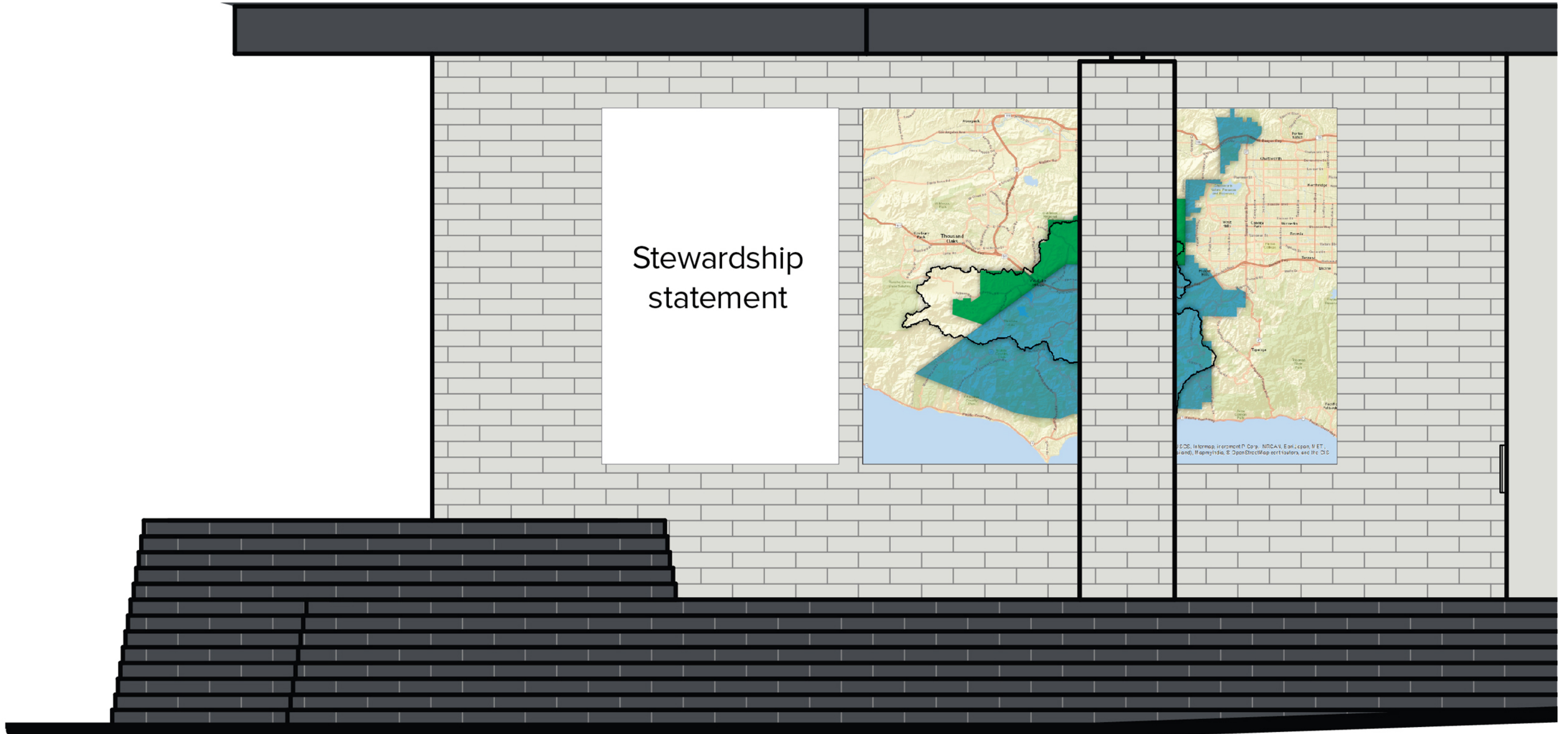


AREA 10: PROCESS BUILDING FRONT PATIO

Patio Area

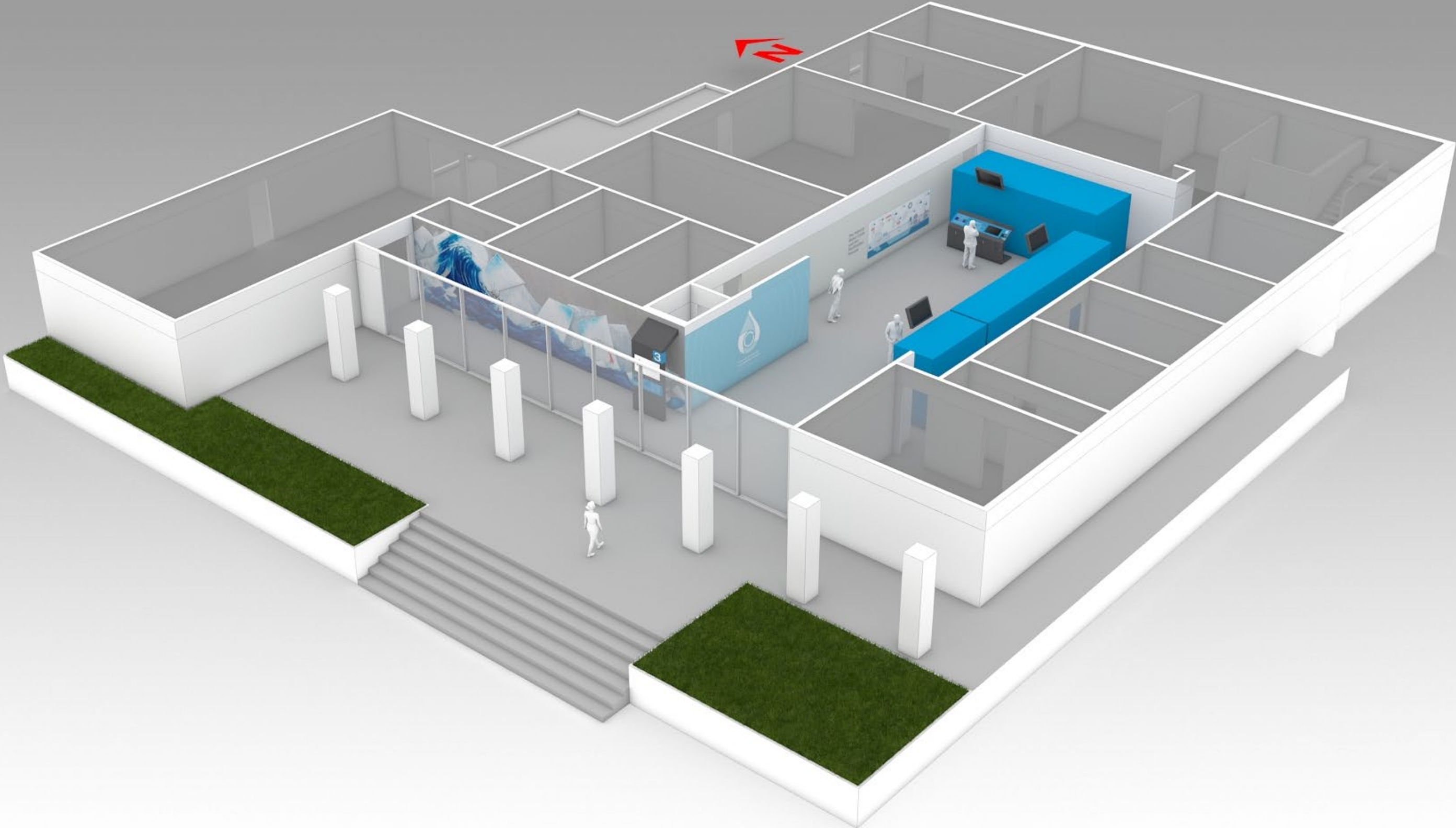
- Addition of high tables and stools
- Complete post visit survey
- Additional tasting area
- Potential background graphic

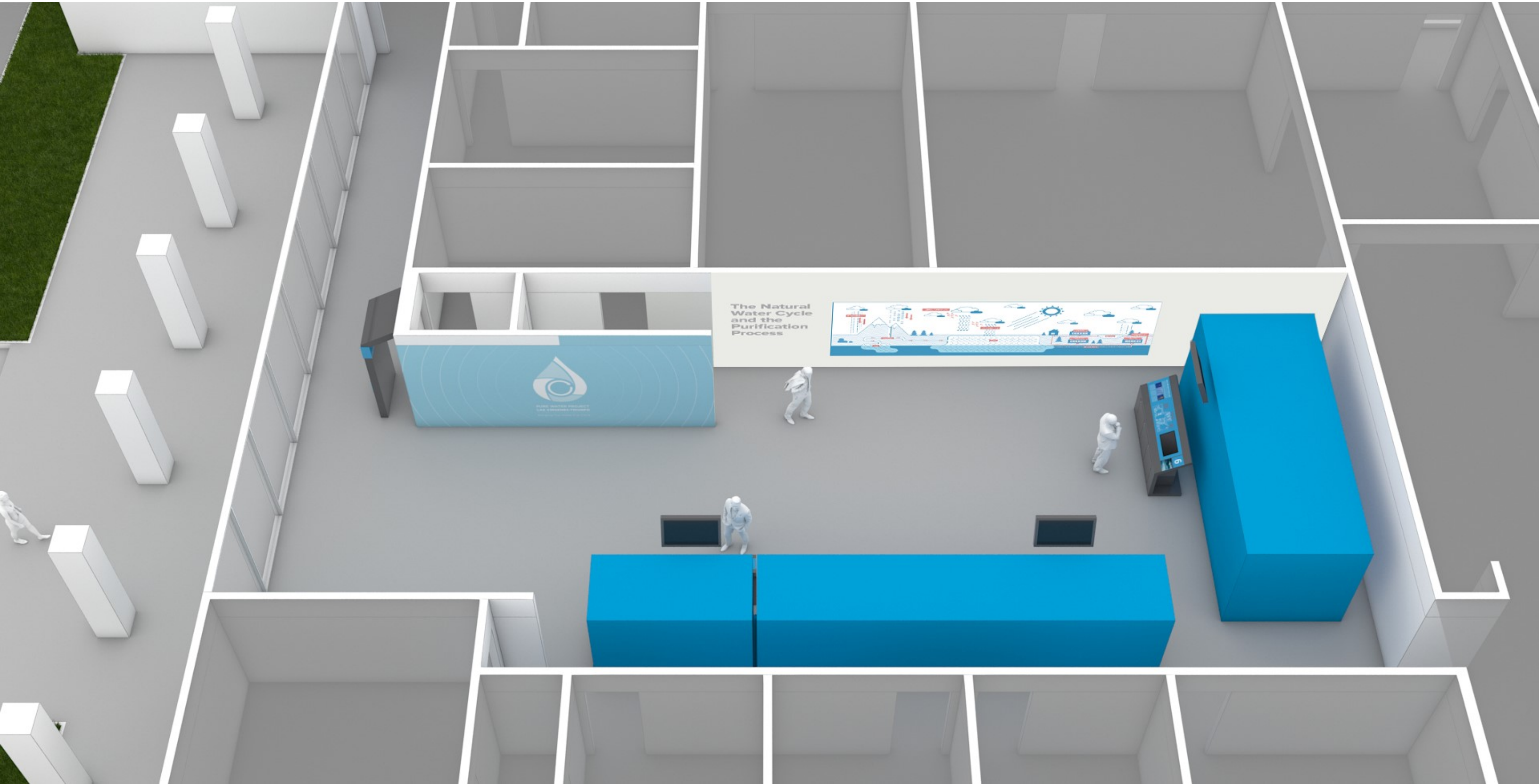
AREA 10: PROCESS BUILDING FRONT PATIO

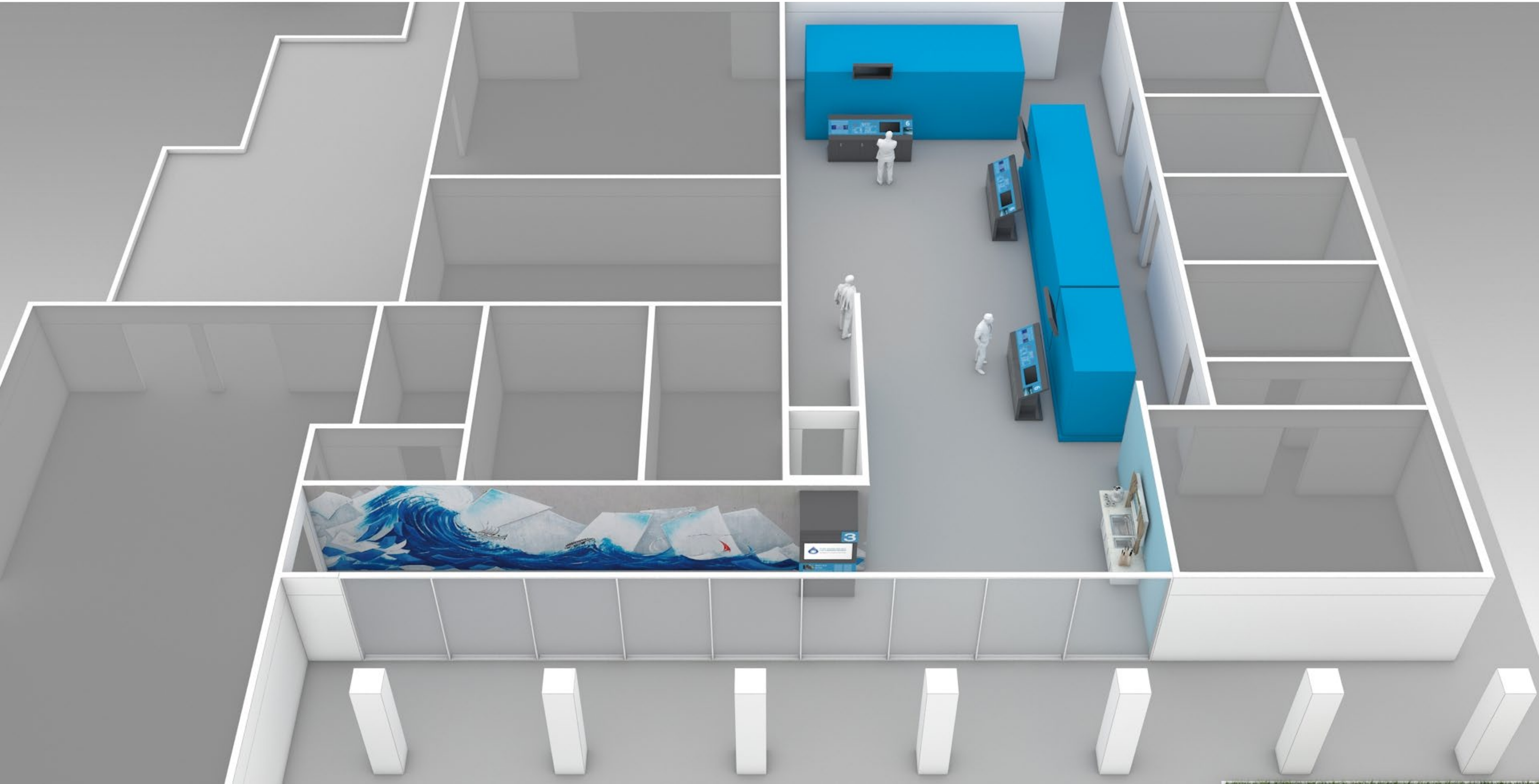


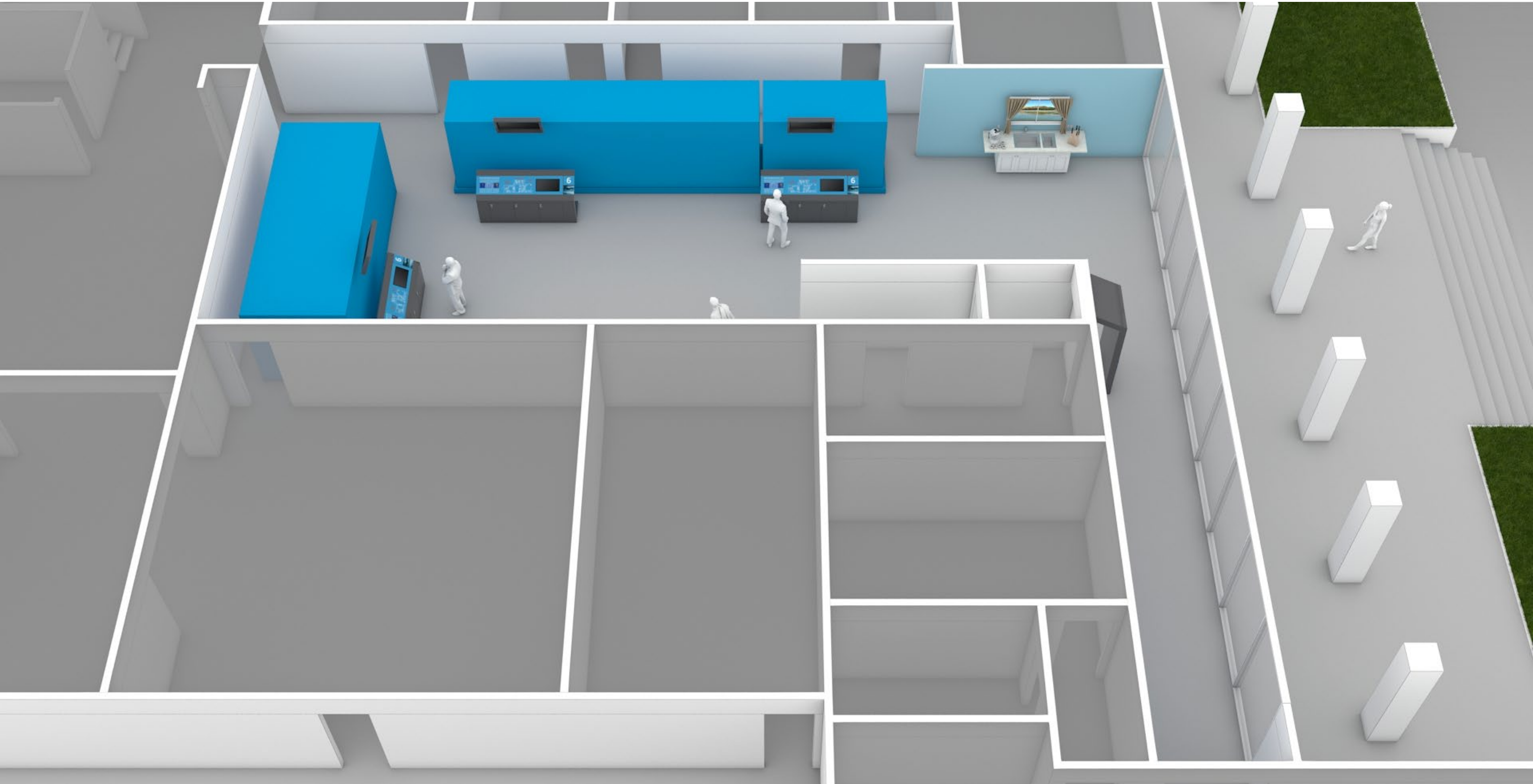


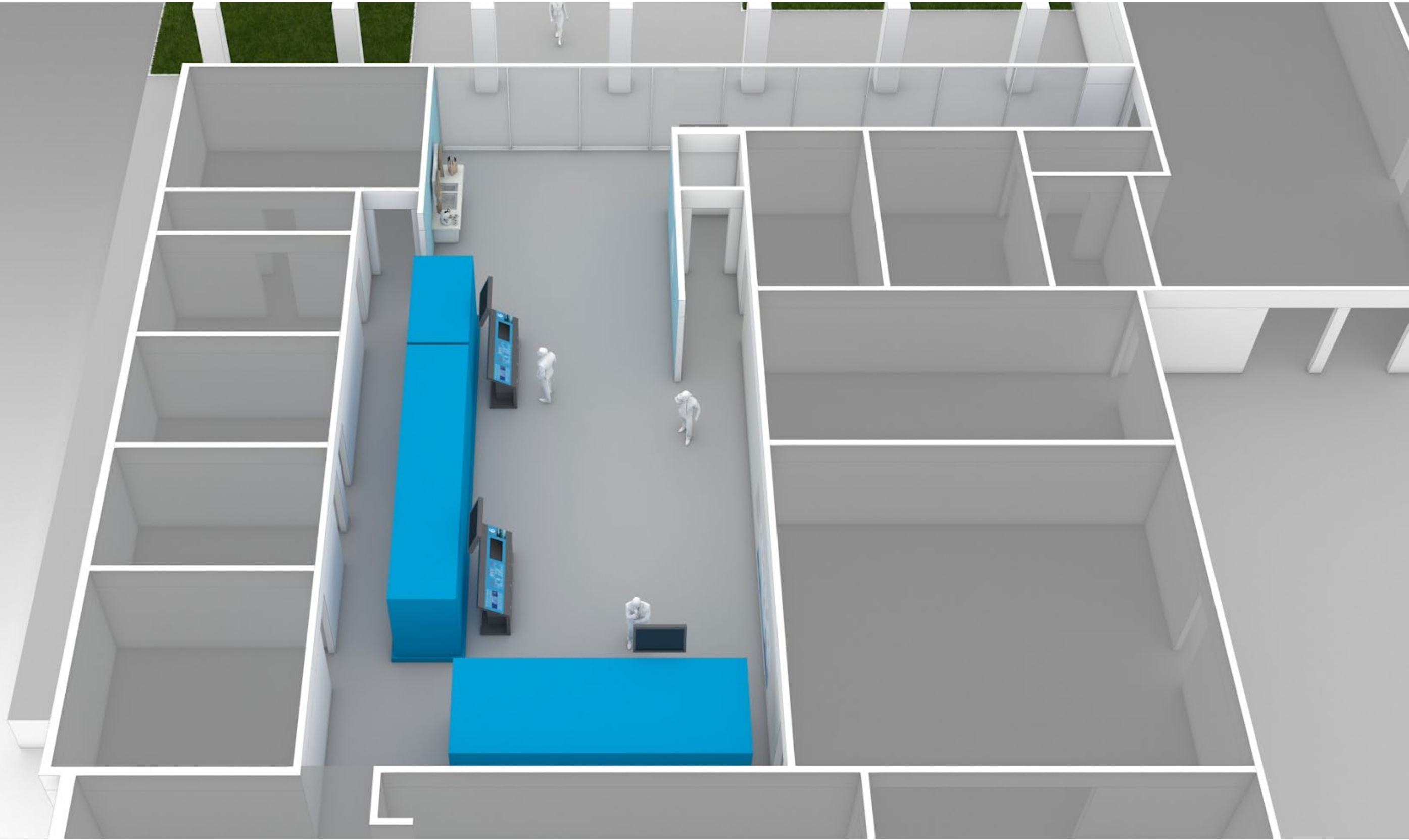
Additional 3D Renderings











Next Steps

- Review feedback on signs and site plans with District staff
- Revisions to 3D development as applicable
- Review of Orientation video and narrative storyboards
- Begin review of custom interactives at process units
- Begin high level production/install estimate
- Develop production schedule for video, signage and construction to include install prior to November 1, 2019.
- Continued coordination calls and file sharing with architectural and landscaping teams
- Scope/fee/schedule to District for final design/installation phase

LVMWD BUDGET SUMMARY TOTALS

ASTOUND Group / Global Visions

Area

Budget Range

Total Graphic Production

42,000

\$48,000

Total Video Production

37,000

\$45,000

Total Content Creation and Hardware

15,000

\$20,000

Total Construction

9,000

\$12,000

Total Installation and Services

23,000

\$29,000

Total

126,000

\$154,000





THANK YOU

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