

SAN ANTONIO MISSIONS NATIONAL HISTORICAL PARK (SAAN)

Design Development 3

December 15, 2023



106GROUP

Connecting People • Place • Time

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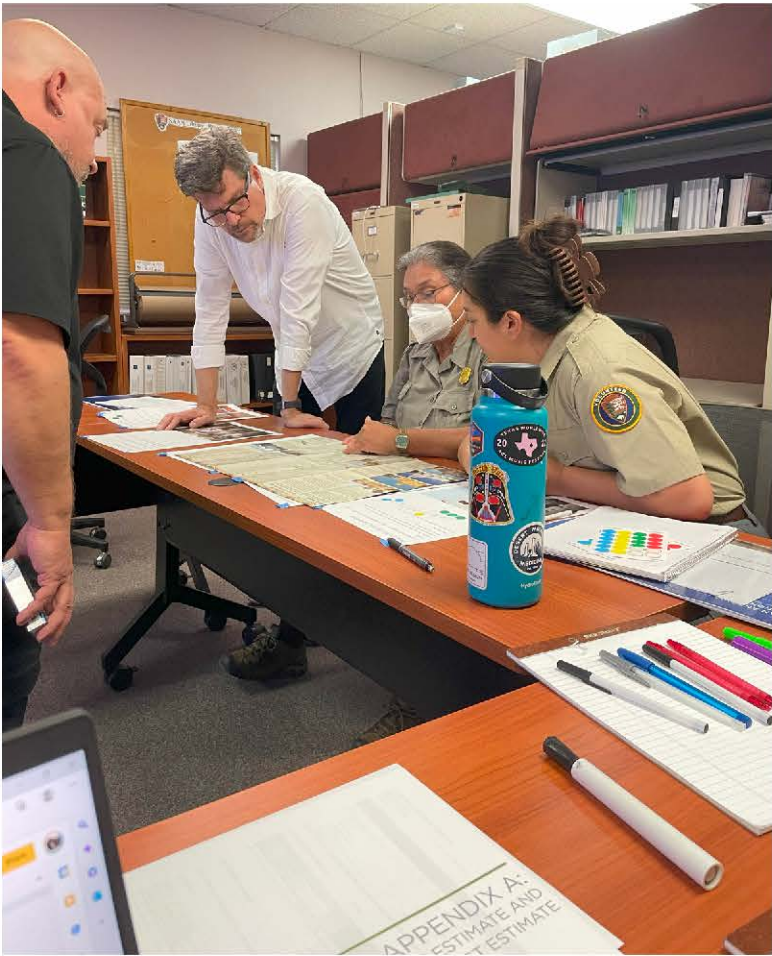
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Project Team	NPS Team	PT Lathrop	Chief of Interpretation & Education	SAAN
		Chantelle Ruidant-Hansen	Visual Information Specialist	SAAN
		Pete Feher	Exhibit Designer, Contracting Officer’s Representative (COR)	HFC
		Caryn Lazurri	Exhibit Planner	HFC
		Chris Dearing	Project Manager	HFC
	106 Group Team	Maggie Schmidt	Project Manager/Exhibit Developer	106 Group
		Jakub Janiga	Exhibit Designer	Jakub Janiga Designs
		Andrew Devich	Graphic Designer	106 Group

INTRODUCTION



INTRODUCTION

PROJECT BACKGROUND

San Antonio Missions National Historical Park (SAAN) is a chain of four missions established along the San Antonio River in the 1700s, and was designated a UNESCO World Heritage Site in 2015. A fifth mission, San Antonio de Valero (better known as the Alamo), was established during the same period, but is managed by the state of Texas rather than by the National Park Service. Together, these five missions are a reminder of one of Spain’s most successful attempts to extend its territories north from New Spain (present-day Mexico). This is the largest concentration of Spanish missions in North America.

The current exhibits at Mission San Juan were installed between the 1990s and early 2000s, and some tactile and interactive elements have been removed due to maintenance issues. Several exhibits are not ADA compliant. This task order is for new exhibits at Mission San Juan in both the contact station—a historic building that was the former convento—and the Tufa House, a post-colonial structure built from rubble from the original mission building.

DESIGN DEVELOPMENT 3

Design Development 3 builds on the plan approved in the Design Development 2 phase. Its emphasis is on confirming all major elements of the design and a second round of text and graphics review. In this design phase, updated experience descriptions, graphic layouts, perspective views for each scene and content group will show the team’s progress. There are four separate documents included in this deliverable:

- Design Package
- Graphic Layouts Package
- Content Document
- Draft Reference Package

Consolidated feedback on this deliverable is due to 106 Group on January 23, 2024.



San Antonio Missions National Historic Park	Project Schedule		Project Deadline	
	Work	Review		
Design Development 3	46		Dec 15, 2023	Fri
Design Development 3 Site Visit			Dec 19, 2023	Tue
Review		35	Jan 23, 2024	Tue
Production Design 1	20		Feb 12, 2024	Mon
Virtual Meeting			Feb 12, 2024	Mon
Review		35	Mar 18, 2024	Mon
Production Design 2	30		Apr 17, 2024	Wed
Virtual Meeting			Apr 17, 2024	Wed
Review		28	May 15, 2024	Wed
Closeout	14		May 29, 2024	Wed
Contract End Date			May 31, 2024	

BUDGET

An updated estimate is included in this package. The production budget for this project is between \$420,000 to \$440,000, as specified in the Project Brief (December 13, 2023). The estimate currently assumes the following:

- All wall painting in Convento and Tufa House by client; upgraded window treatments in Tufa House by client; updated AC unit in Tufa House by client; and any necessary tile repair in Convento by client.
- No floor treatments or track lighting in Tufa House.
- Track lighting for Convento in scope.

PROJECT OVERVIEW



GOALS

PROJECT GOALS

- Frame the site’s stories as evolving and ever-changing—not static, dry, stagnant, or monolithic.
- Connect historical storytelling to contemporary references.
- Focus on the strength and resiliency of Indigenous people, rather than a colonization narrative.
- Support reclamation of Indigenous identity and increased visibility to the local culture(s) through connections to the landscape, natural environment, and foodways.
- Unify San Juan Mission with a holistic exhibit experience; improve overall site orientation with connections to UNESCO World Heritage Site designation (2015) and other sites in the San Antonio Missions National Historical Park (SAAN).
- Offer multiple perspectives (contemporary, historical).

DESIGN PARAMETERS

During the Pre-Design site visit in December 2022, the team discussed parameters outlined in the project contract and confirmed the following. Exhibits should:

- Be **unsupervised**: Limited staffing will be available at the San Juan Mission, as with other missions in the San Antonio Missions National Historical Park. The exhibit design team should plan for passive, durable interpretation both indoors and outdoors.
- Be **bilingual**: The Park team requested Spanish text first with a secondary English translation.
 - Bilingual text will be crowdsourced for review with the Park team.
 - 106 Group writer and translator will develop English and Spanish at the same time.
- Be **reversible**: Due to the historic nature of the Tufa House and the Convento exhibit space, the exhibit design team should plan for minimal, reversible attachments to the building, reusing existing holes and attachments when possible. Both Tufa House and Convento should have floor and ceiling attachments. The park will remove supports that currently hold casework to enable flush space up to the wall; if the exhibit design team identifies a need to secure something to the wall, this could be the option. If the central islands require electricity, the park team can un-tile the floor, connect a conduit to the center to connect to the island and retile over that.
- Contain **minimal to no artifacts** (including reproductions): Due to limited accessibility, lack of supervision, and lack of authentic artifacts (predominantly reproductions in the San Jose Mission Visitor Center), the team prefers an exhibit without casework.
- Be **easy to maintain with limited technology**: Staff time, resources, and skillsets are limited for facilities requests, including audiovisual maintenance. No new track lighting will be installed in the Tufa House, while expanded track lighting will be included in the design for the Convento.
- Provide **a comfortable visit**: Exhibit design will be spacious and include benches for resting (benches out of scope, provided by park).

tone

- Community-driven, focused (first-person voices)
- Contemporary
- Reverential and respectful of sacred space (Indigenous re-internment)
- Natural world, natural connections
- Exciting, fresh, dynamic
- Immersive

KEY AUDIENCES

HIGH PRIORITY

- Local, regional, and national visitors
- Recreational visitors
- Multi-generational local descendants
- Youth and school groups

UNTAPPED OR FUTURE AUDIENCE GROUP

- Virtual audiences (separate contract)
- Military visitors
- Visitors with varying physical and mental abilities (design exhibits for universal accessibility)

VISITOR TYPES

Understanding visitors’ needs and motivations helps provide a structure for how to tell stories, as well as what stories to include. Museum researcher John Falk’s categories of museum visitors—including explorers, facilitators, experience seekers, professional hobbyists, and rechargers—add another layer of focus. Two of these categories are selected for San Antonio Missions National Historical Park (SAAN) to build stronger connections between visitors and the interpretation:

Explorers looking to browse and connect to their interests.

This visitor type is in and out quickly and are mostly likely motivated to:

- Seek out highlights and main points, rather than focus on reading every graphic panel.
- Need help answering basic questions in easy-to-find locations.
- Engage with interactives that spark their curiosity.

Experience seekers looking for a social experience.

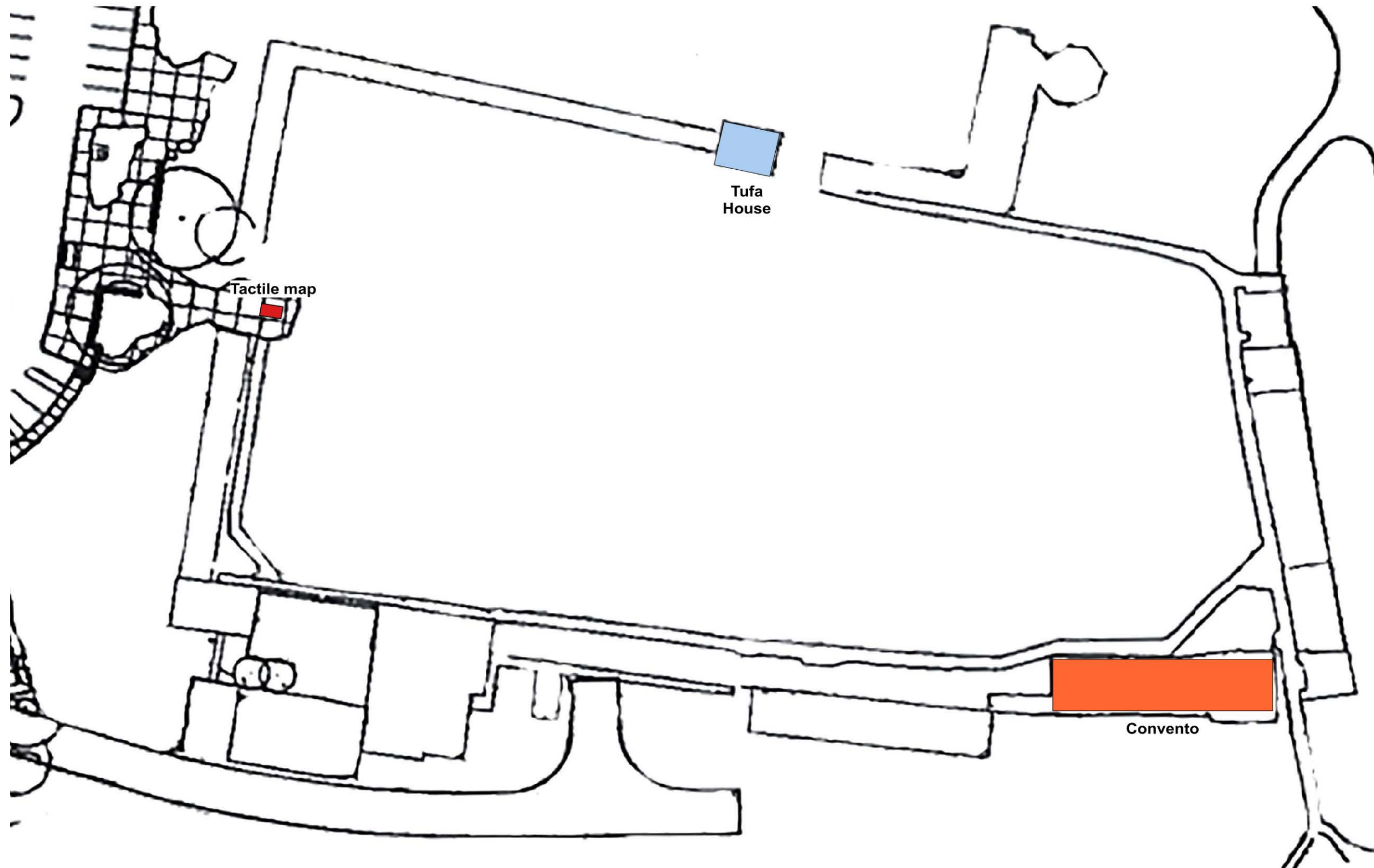
This visitor type—typically parents, friends, or teachers—is mostly likely motivated to:

- Easily find “must-sees” on site.
- Seek an experience that accommodates multi-generational visitors, with layers for different abilities and experiences.
- Look for details to experience the site.
- Take photos and enjoy interactives.



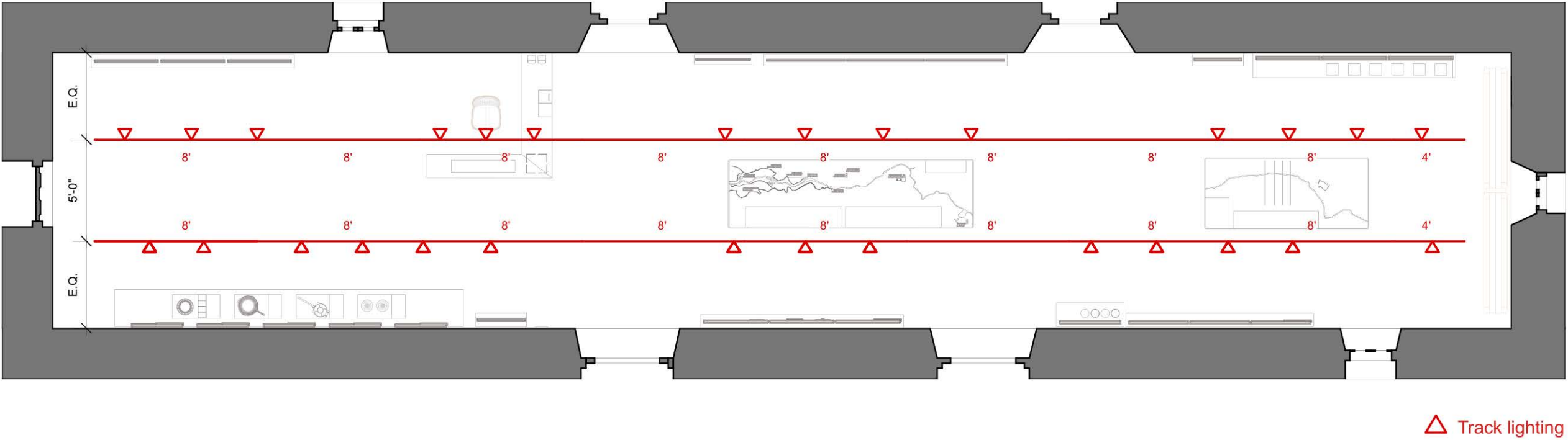
SITE PLANS

SITE PLAN



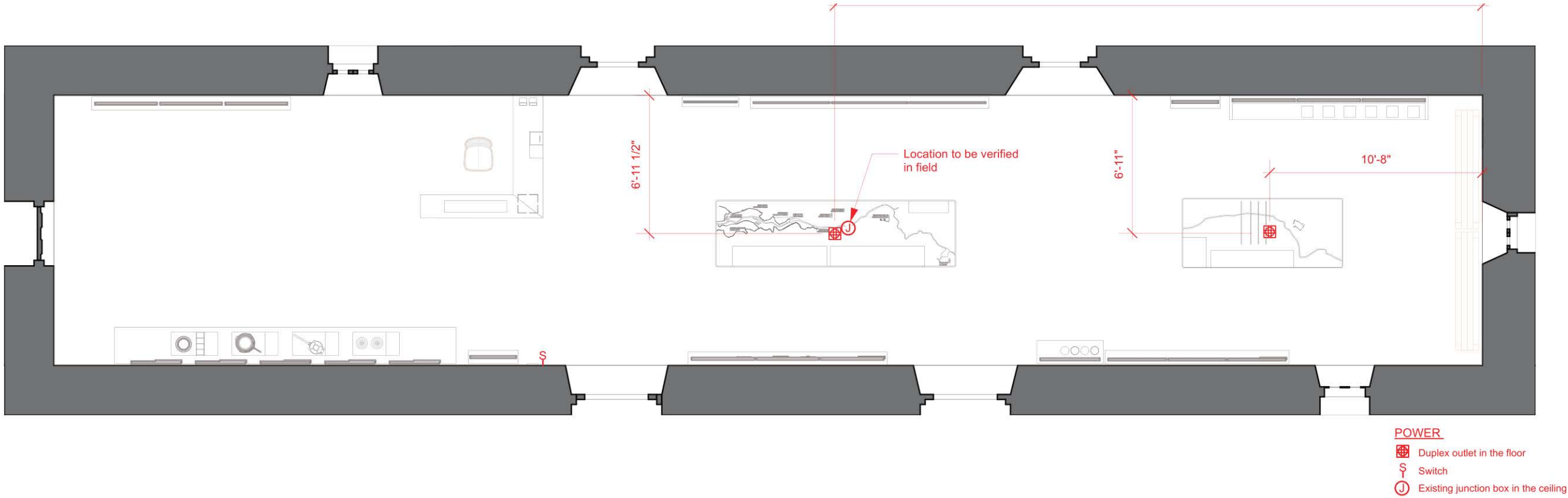
EX-01

CONVENTO LIGHTING PLAN



1 Convento Lighting Plan
Scale: 3/16" = 1'-0"

CONVENTO POWER AND DATA PLAN



1 Convento Power & Data Plan
Scale: 3/16" = 1'-0"

DESIGN GUIDE

PALETTE

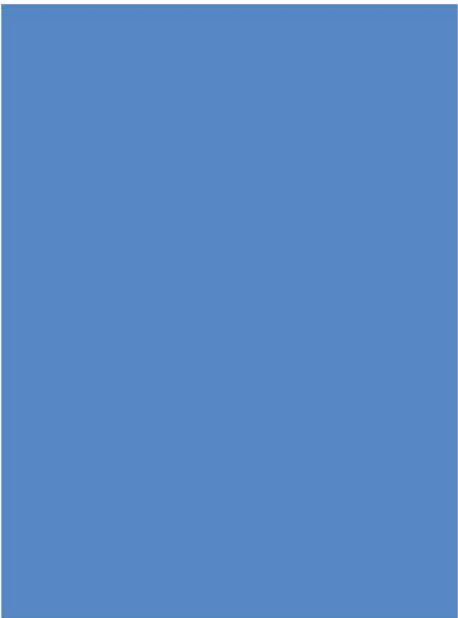
The San Antonio River is integral to agricultural history at Mission San Juan. The blues in the palette mimic the sky’s reflection off the river and the water itself. Green and yellow accents draw inspiration from the life cycle of the crops at Mission San Juan. Text colors were chosen to tone down the standard white and black while still providing enough contrast for legibility.



Pantone 5395



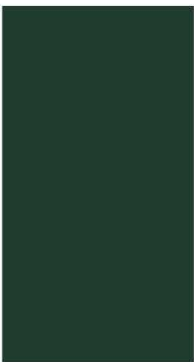
Pantone 653



Pantone 660



Pantone 391



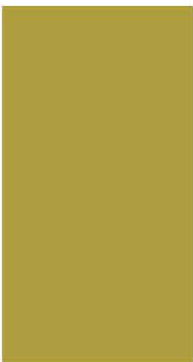
Pantone 554



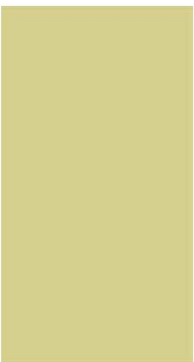
Pantone 5535



Pantone 5497



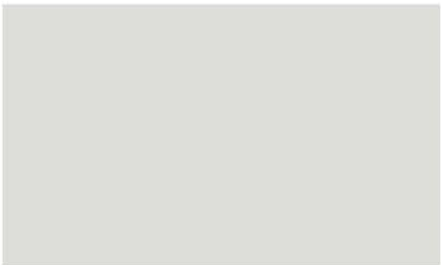
Pantone 613



Pantone 615

Text Colors

Pantone Cool 1 C

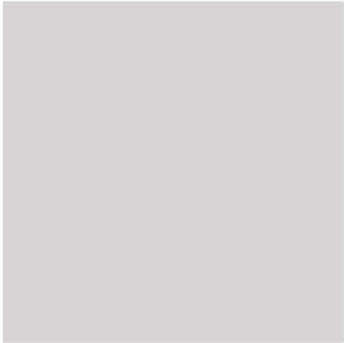


Pantone Black 7 C



MATERIALS

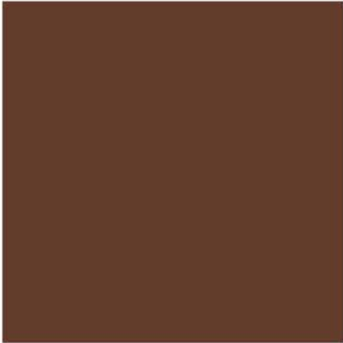
NUMBER	FINISH/MATERIAL	COLOR	DESCRIPTION
PNT-1	Painted Finish	BM 2134-70	Egg shell
PNT-2	Painted Finish	SW 6705 High Strung	Egg shell
PNT-3	Painted Finish	BM 2098-20 Rosted Coffee Beans	Egg shell
PNT-4	Painted Finish	BM 2118-10 Universal Black	Egg shell
MT-1	White Oak	Clear coat	Matte finish



PNT-1



PNT-2



PNT-3



PNT-4



MT-1

TYPOGRAPHY

Effectively conveying exhibit content is the focus of type selection. The weight of line thicknesses contributes to legibility and readability. The contrast between the thick and thin areas within a character can add depth to a typeface. The x-height is the height from the bottom to the top of the lowercase letter “x.” Most of the readability of a typeface comes from the information in the x-height. Typefaces with larger x-heights are more readable.

The overall aesthetic of the typeface helps to convey exhibit-wide messages. Choosing the right typeface can help convey clean, professional design and a sense of clarity when presenting content to visitors.

Argent CF

for headings and sub-headings

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789?!&@‘ ’ “ ”«»%*^#\$/()[]{}.,

Proxima Nova

for body copy and captions

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789?!&@‘ ’ “ ”«»%*^#\$/()[]{}.,

ODE

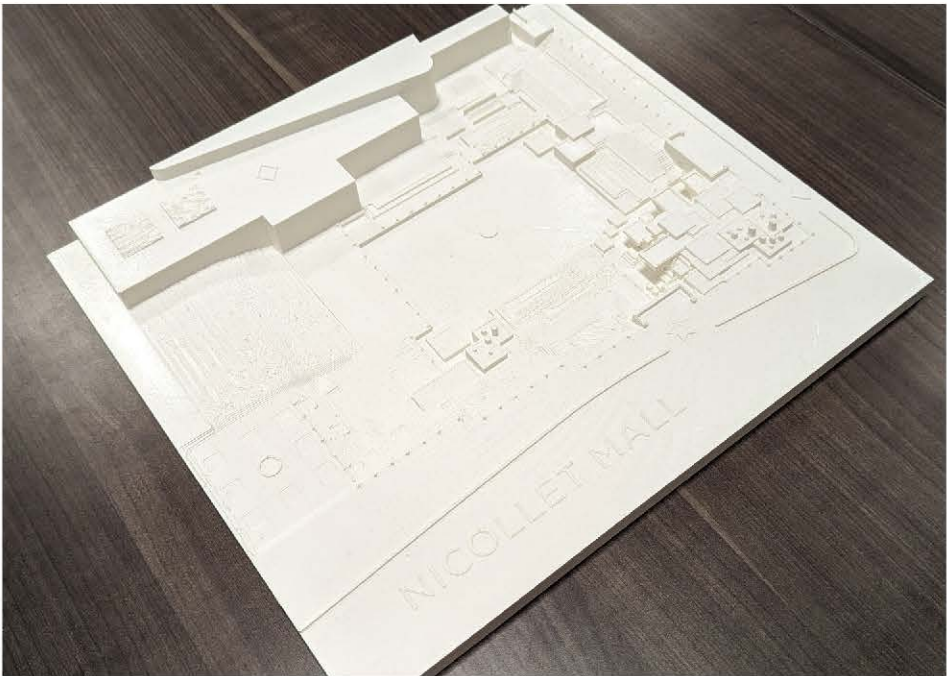
for historical flourisheds

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789?!&@‘ ’ “ ”«»%*^#\$/()[]{}.,

SCULPTURE STYLE

Tactiles will be used in various spots throughout the project. They can be 3D printed polymer or impregnated bronze. All tactiles (with the exception of the plant tactiles) will have raised lettering and braille. Direct labeling and a keyed legend will be used depending on space and reaching distance. Buildings and features will be scaled appropriately with some level of simplification. When full or high relief is not necessary, bas relief will be used. Please see the reference package for more information.

3D Printed Polymer



Bas Relief

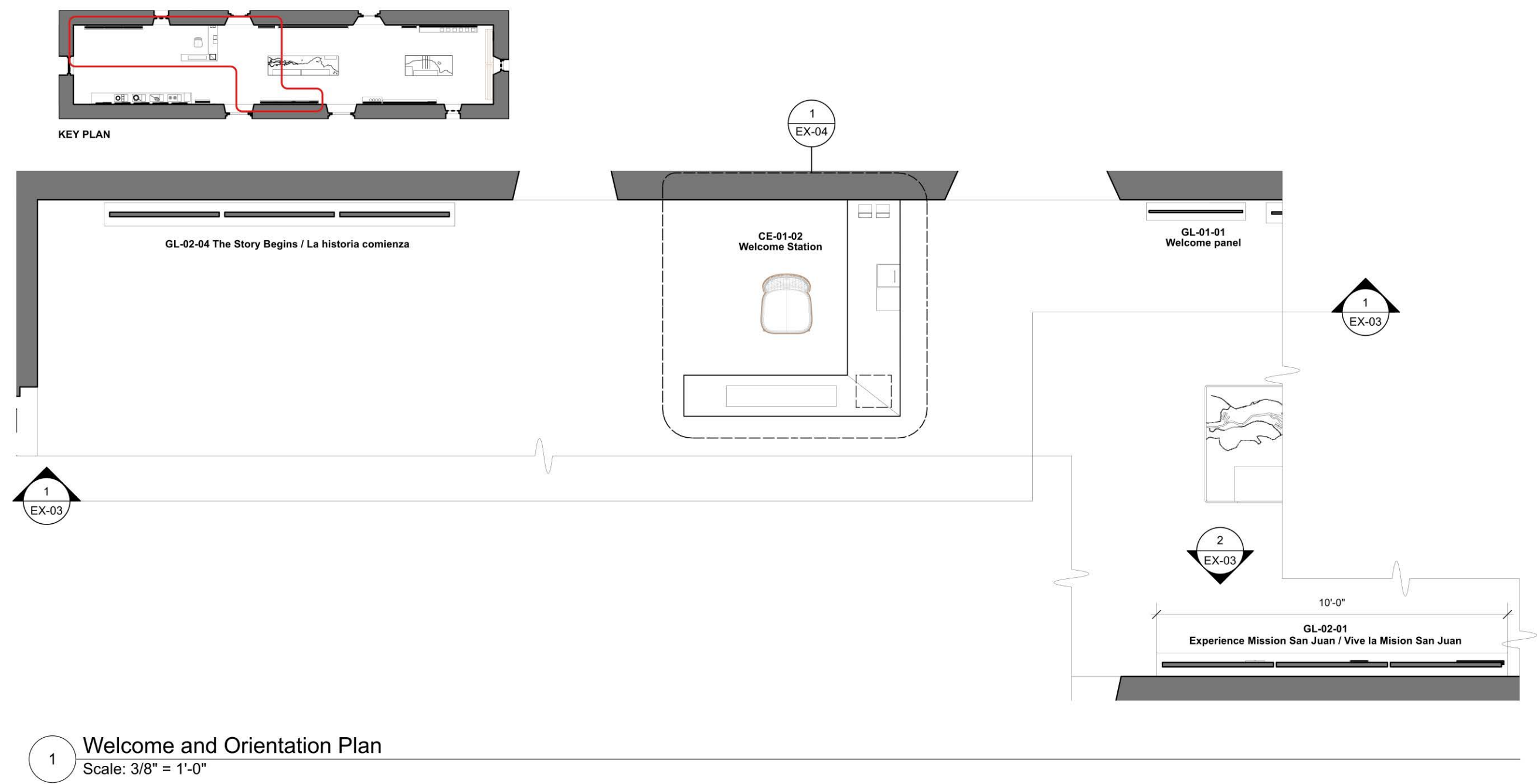


Impregnated bronze



SCENES 01-02: WELCOME AND ORIENTATION

SCENES 01-02: PLAN VIEW



EX-02

SCENES 01-02: PERSPECTIVE VIEW

VISITOR EXPERIENCE:

Warm harvest tones and natural light spill from the Convento windows, greeting visitors as they enter the front entrance of the exhibit space. Directly across from the front entrance, a National Park Service staff member is seated at a new greeting station. Official park signage is installed above the desk. The park ranger points to a paper map and a tactile orientation guide on the tabletop of the desk, showing visitors all there is to do at the park. While one visitor gets some new ink at the welcome panel stamp station, another wanders over to the welcome panel to quickly learn more about the story of the Mission San Juan.

A park ranger leaves the welcome desk to greet visitors at the front entrance. The visitors have a few questions about key highlights to see at the park, so the ranger points to a large scale map of Mission San Juan. The mural includes vibrant contemporary photography, some with sliding graphics that reveal historic connections underneath. The ranger also points out introductory graphics that help explain the basics behind the mission. There is so much to see and do here in Mission San Juan! The adventure has just begun.



CE-01-02-01 NPS Arrowhead

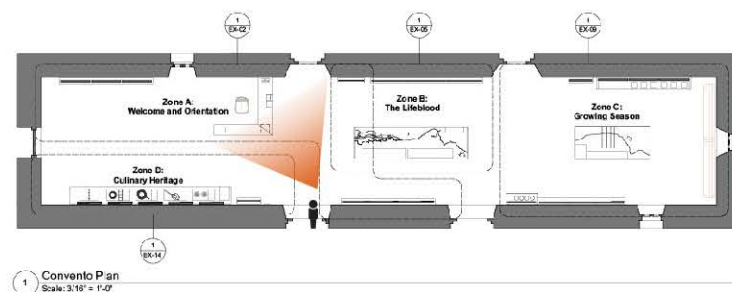
CE-01-02-02 Park Title

GL-02-04 San Juan 101 Graphics

CE-01-02-04 Exhibit Tactile Gallery Guide

GL-01-02 Donation Panel

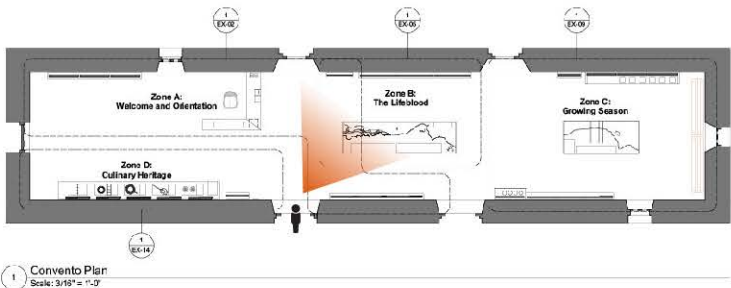
CE-01-02 Welcome Station



SCENES 01-02: PERSPECTIVE VIEW

CE-01-02-03 Gallery Title

GL-01-01 Welcome Panel



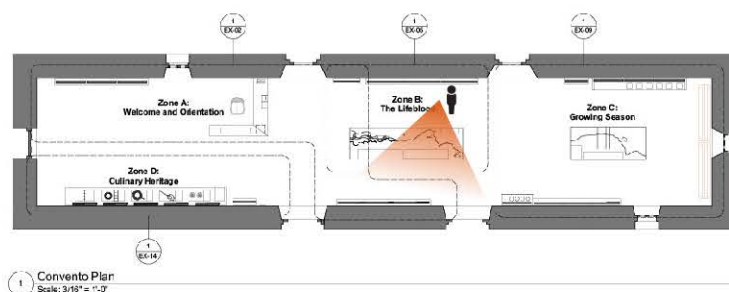
SCENES 01-02: PERSPECTIVE VIEW

GL-02-01 Go See It! Mission San Juan Mural

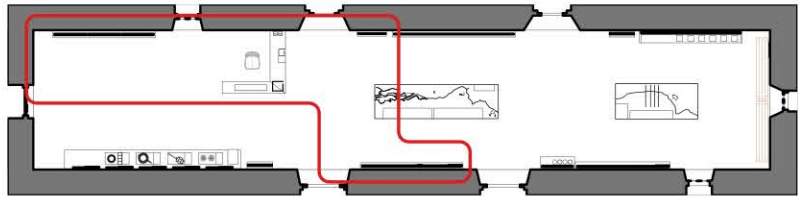
GL-02-02 Topic Panel



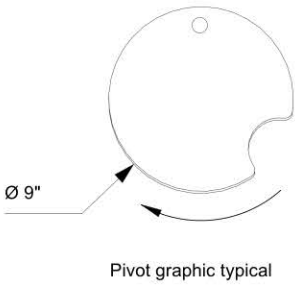
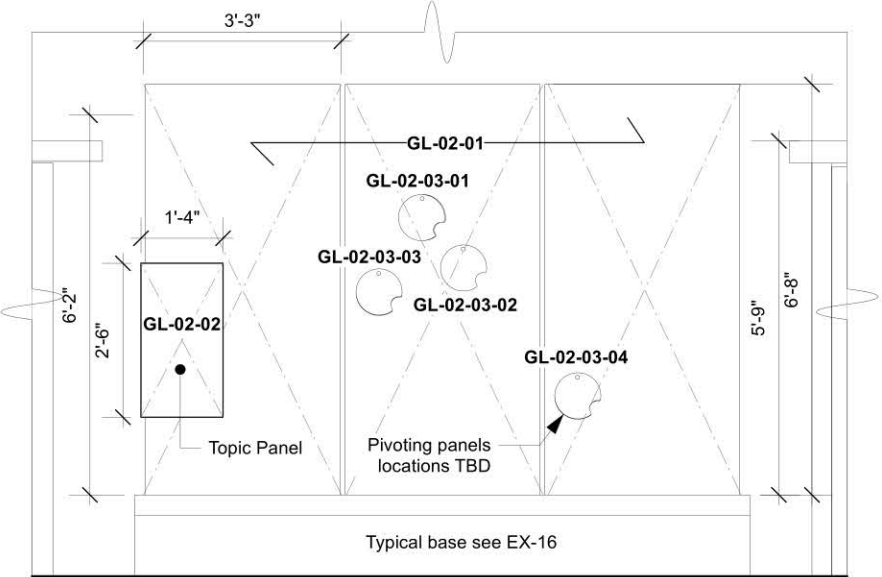
GL-02-03-01 to GL-02-03-04
Pivoting Graphics



SCENES 01-02: DESIGN DRAWING

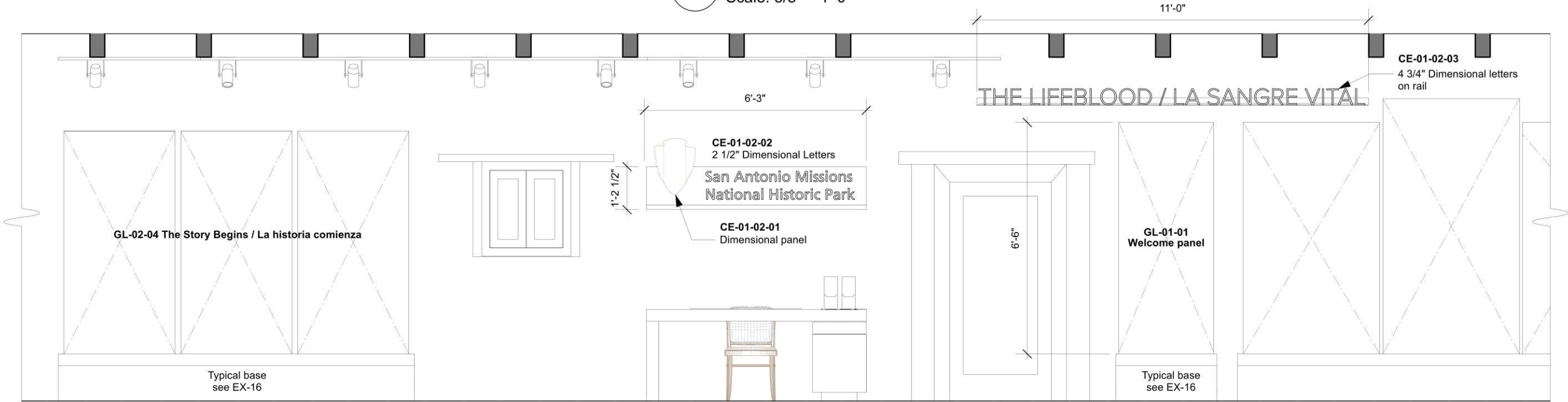


KEY PLAN



GL-02-01 Experience Mission San Juan / Vive la Mision San Juan

2 Welcome and Orientation Elevation
Scale: 3/8" = 1'-0"

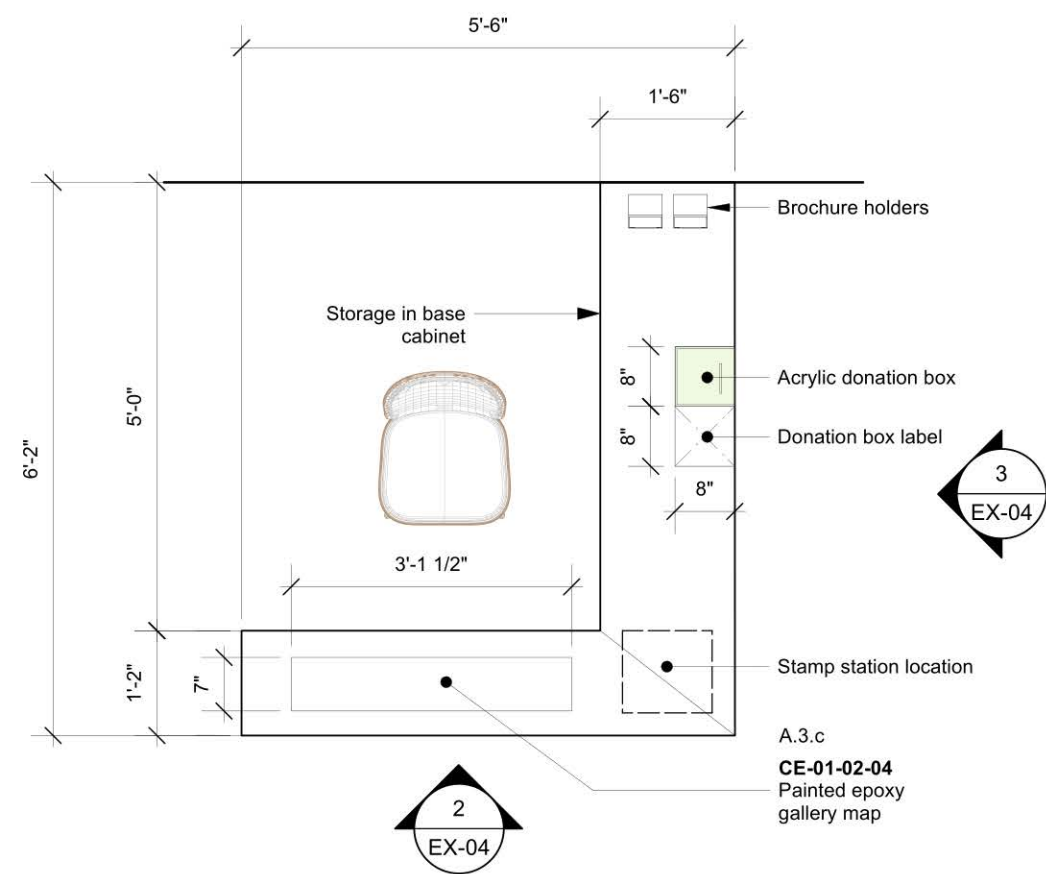


CE-01-02 Welcome Station

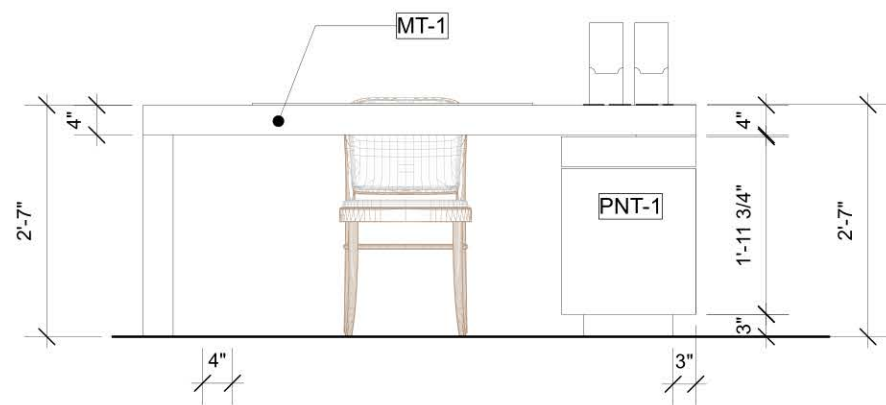
1 Welcome and Orientation Elevation
Scale: 3/8" = 1'-0"

EX-03

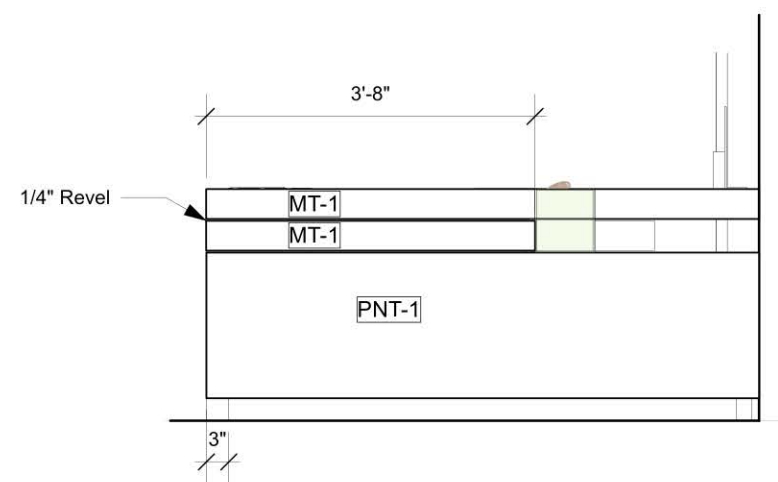
SCENES 01-02: DESIGN DRAWING



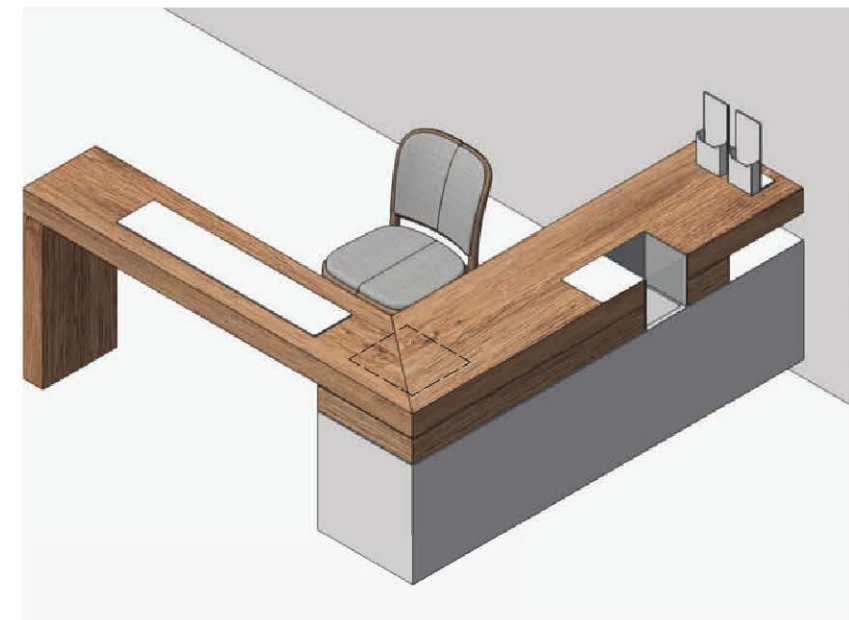
1 CE-01-02 Welcome Station Plan
Scale: 1/2" = 1'-0"



2 CE-01-02 Welcome Station Elevation
Scale: 1/2" = 1'-0"



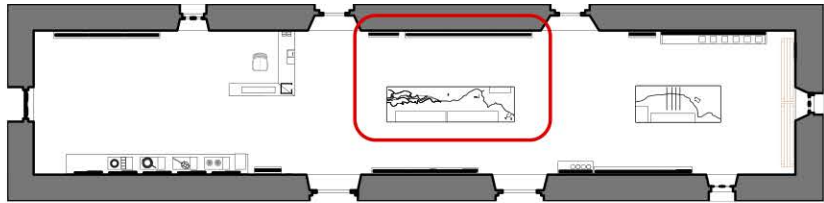
3 CE-01-02 Welcome Station Elevation
Scale: 1/2" = 1'-0"



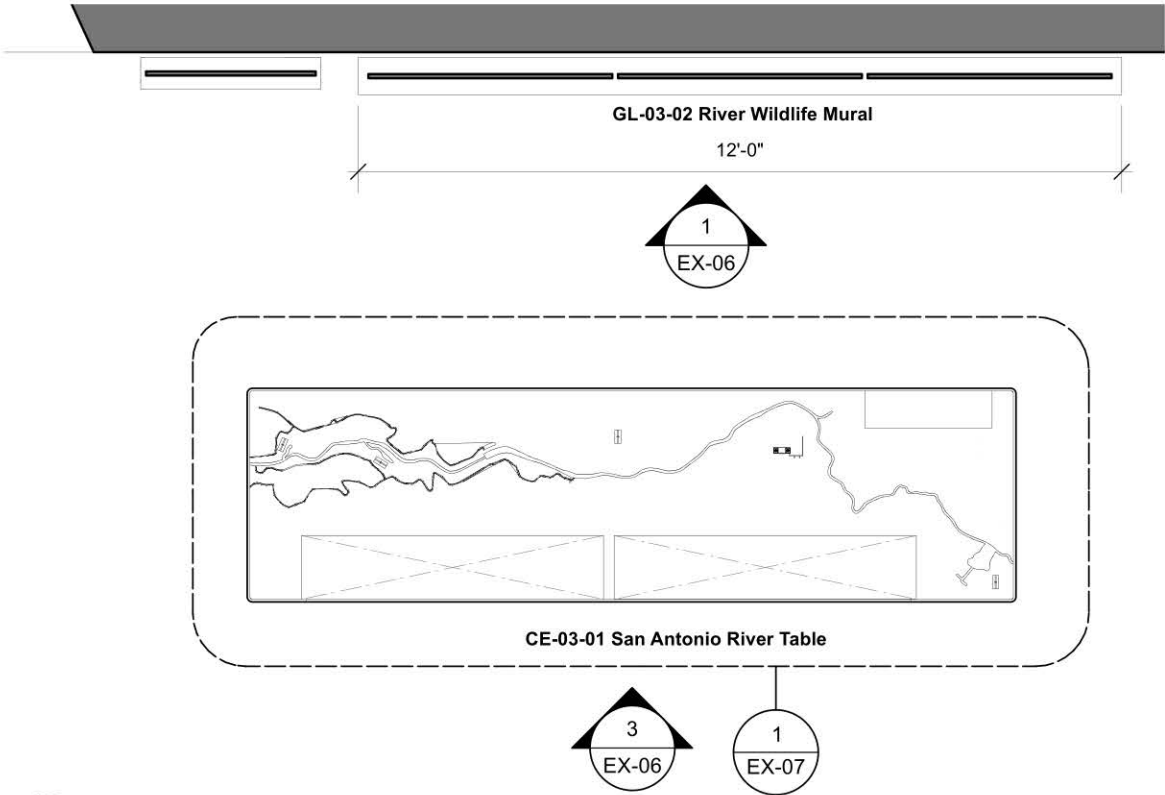
4 CE-01-02 Welcome Station Isometric
Scale: 1/2" = 1'-0"

SCENE 03: THE LIFEBLOOD

SCENE 03: PLAN VIEW



KEY PLAN



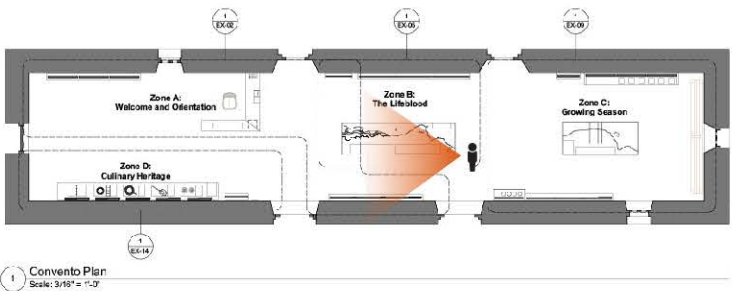
1 The Lifeblood Plan
Scale: 3/8" = 1'-0"

EX-05

SCENE 03: PERSPECTIVE VIEW

ZONE EXPERIENCE:

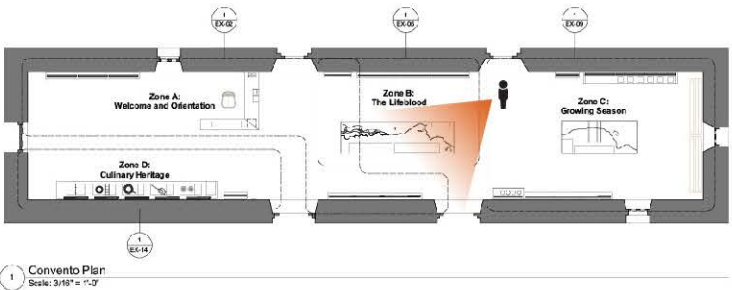
As the central character in the San Antonio Mission story, the San Antonio River and its connecting Spanish acequias connect the visitor experience from start to finish. Just past the front desk, visitors will be immediately drawn to the exhibit centerpiece: a large tabletop representation of the San Antonio River, which visually connects Mission San Juan to a larger system of Spanish missions and farm fields. Some visitors may stop to feel the tactile details of each 3D printed mission, while others may be drawn to the colorful backdrop behind the tabletop map: a river scene visually highlighting key river wildlife species in the local area.



GL-03-01-01 Reader Rail

CE-03-01 San Antonio River Table

SCENE 03: PERSPECTIVE VIEW

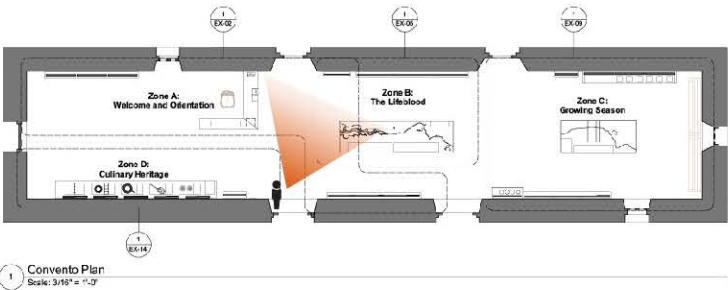


GL-03-01-02 Reader Rail

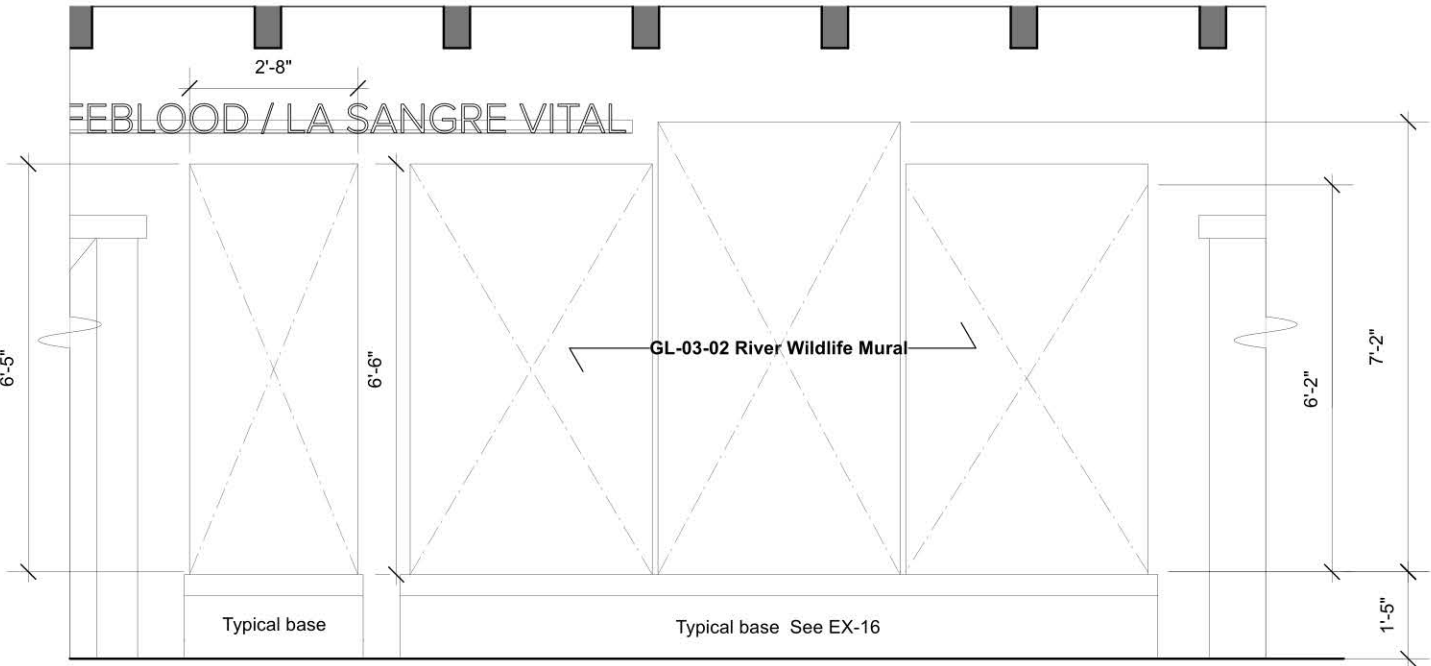
SCENE 03: PERSPECTIVE VIEW



GL-03-02 Wildlife Mural



SCENE 03: DESIGN DRAWING

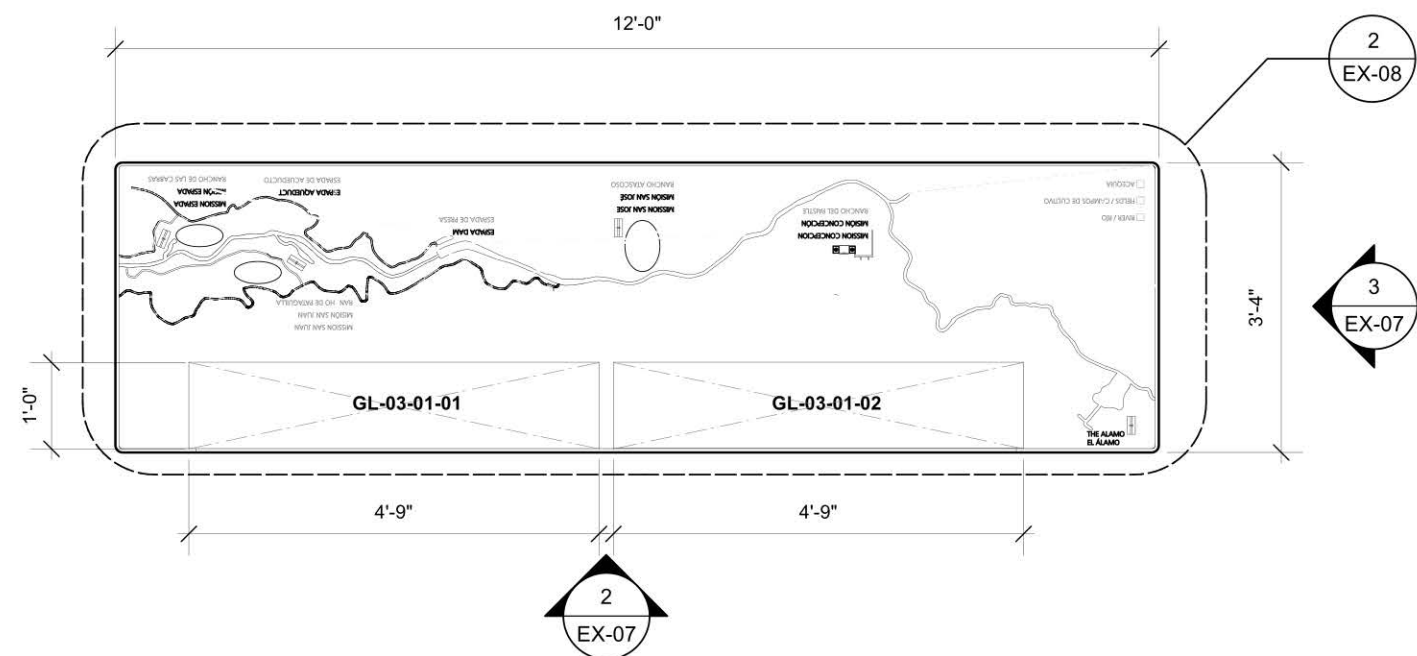


1 The Lifeblood Elevation
Scale: 3/8" = 1'-0"

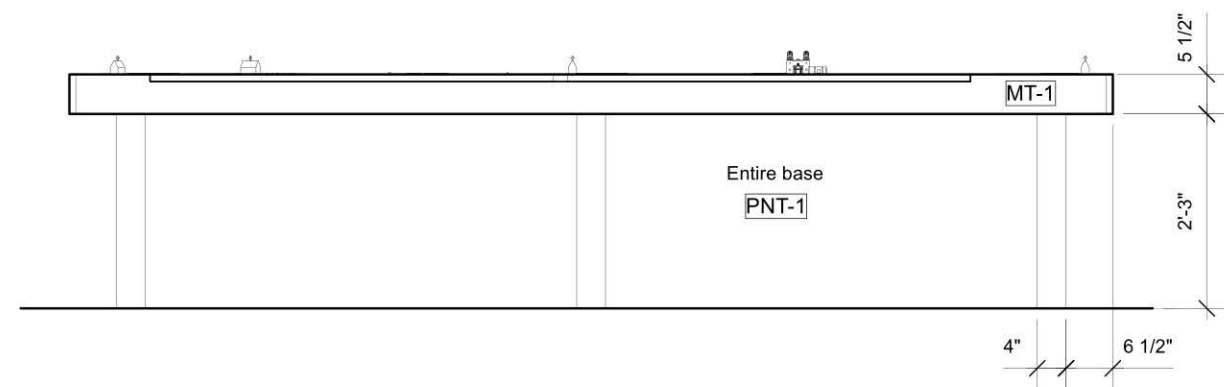


2 The Lifeblood Isometric
Scale: 3/8" = 1'-0"

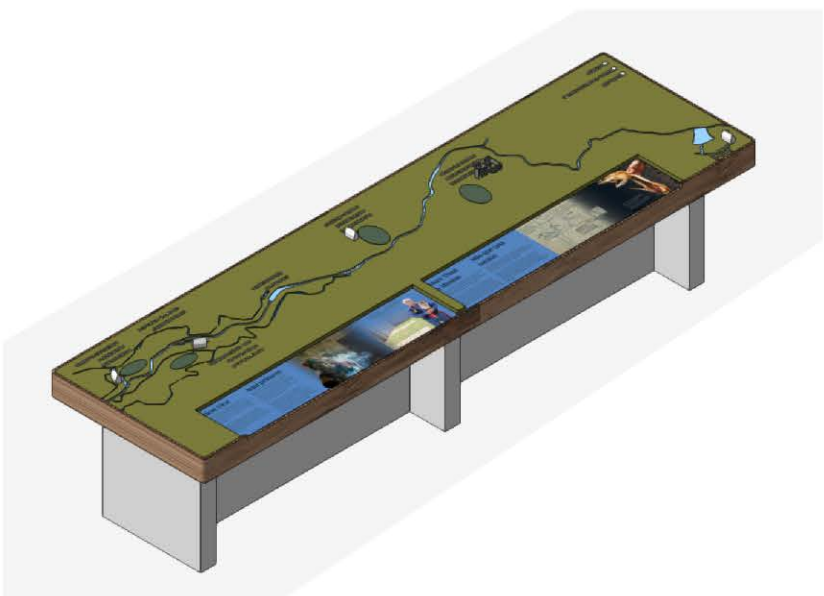
SCENE 03: DESIGN DRAWING



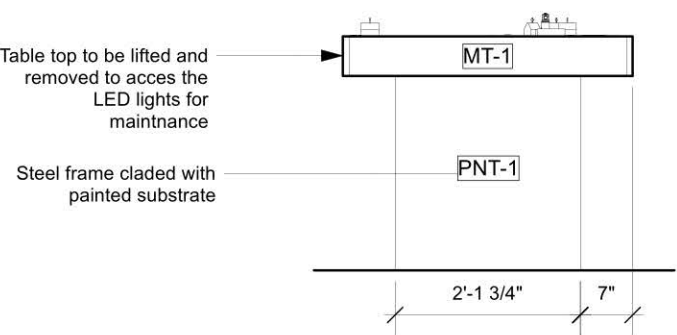
1 CE-03-01 San Antonio River Table Plan
Scale: 1/2" = 1'-0"



2 CE-03-01 San Antonio River Table Elevation
Scale: 1/2" = 1'-0"



4 CE-03-01 San Antonio River Table Isometric
Scale: 3/8" = 1'-0"

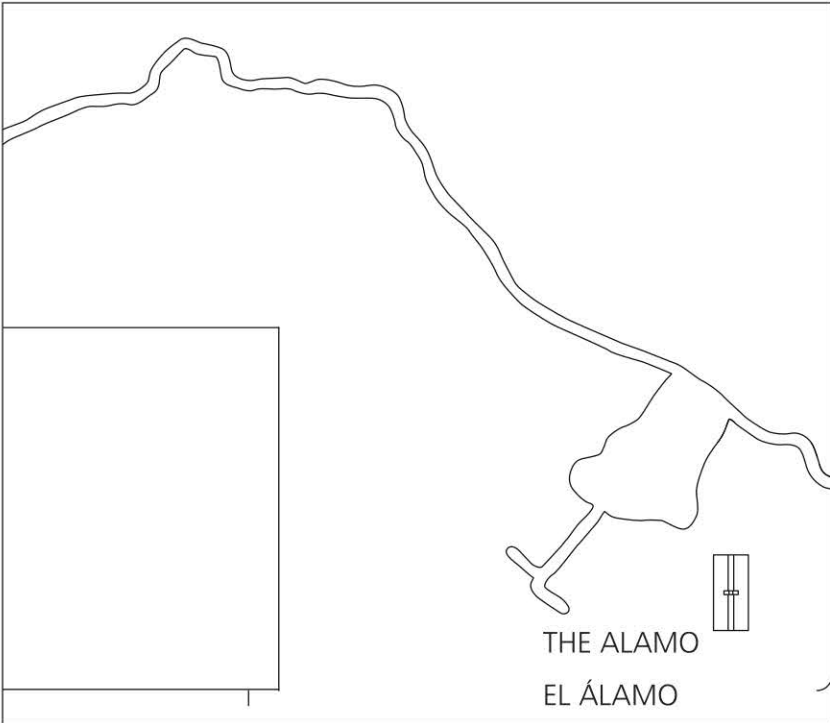
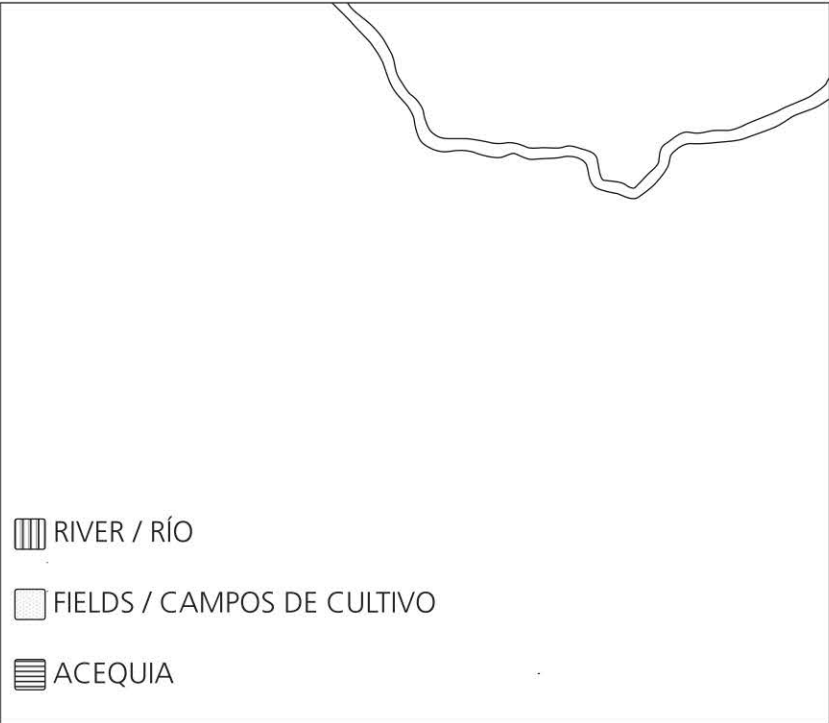
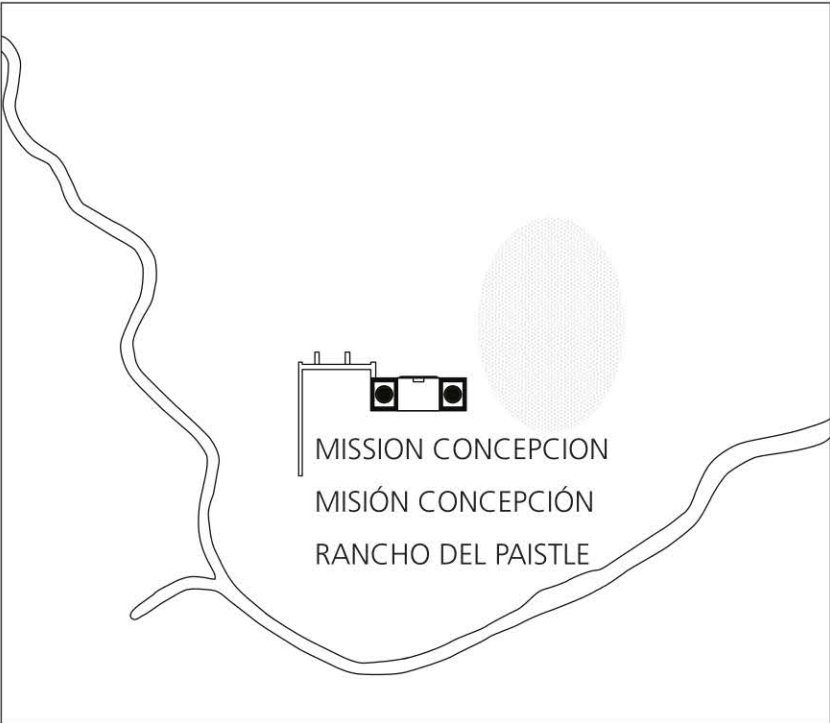
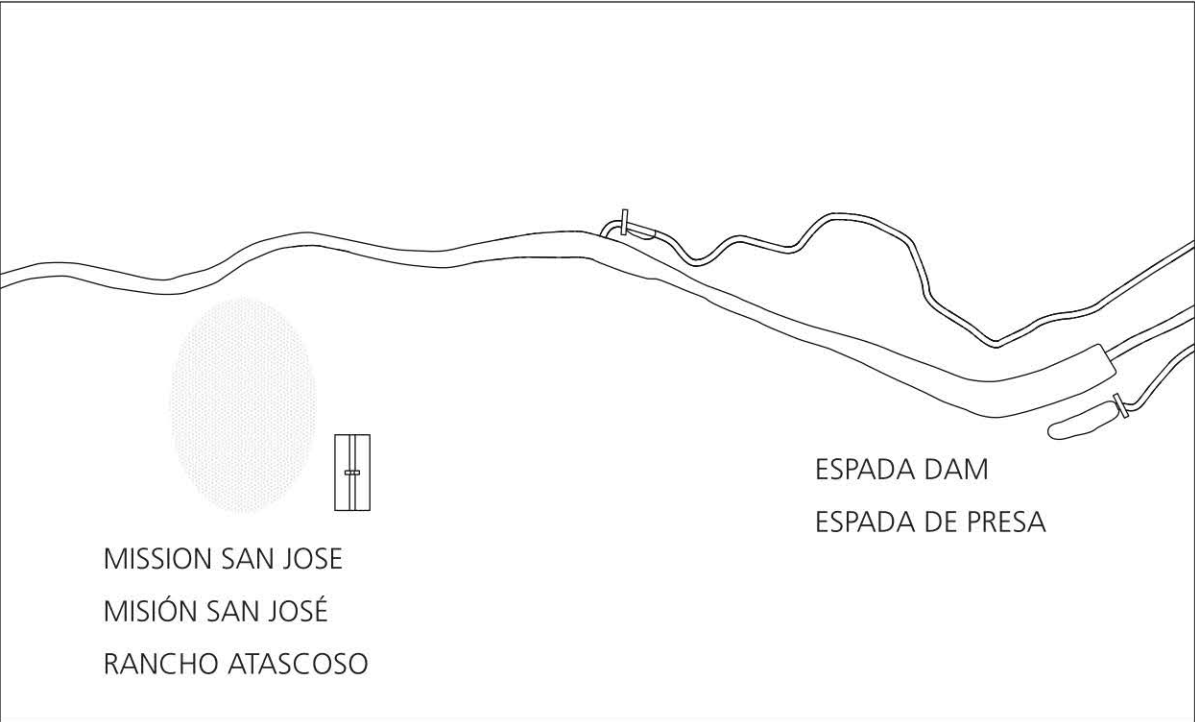
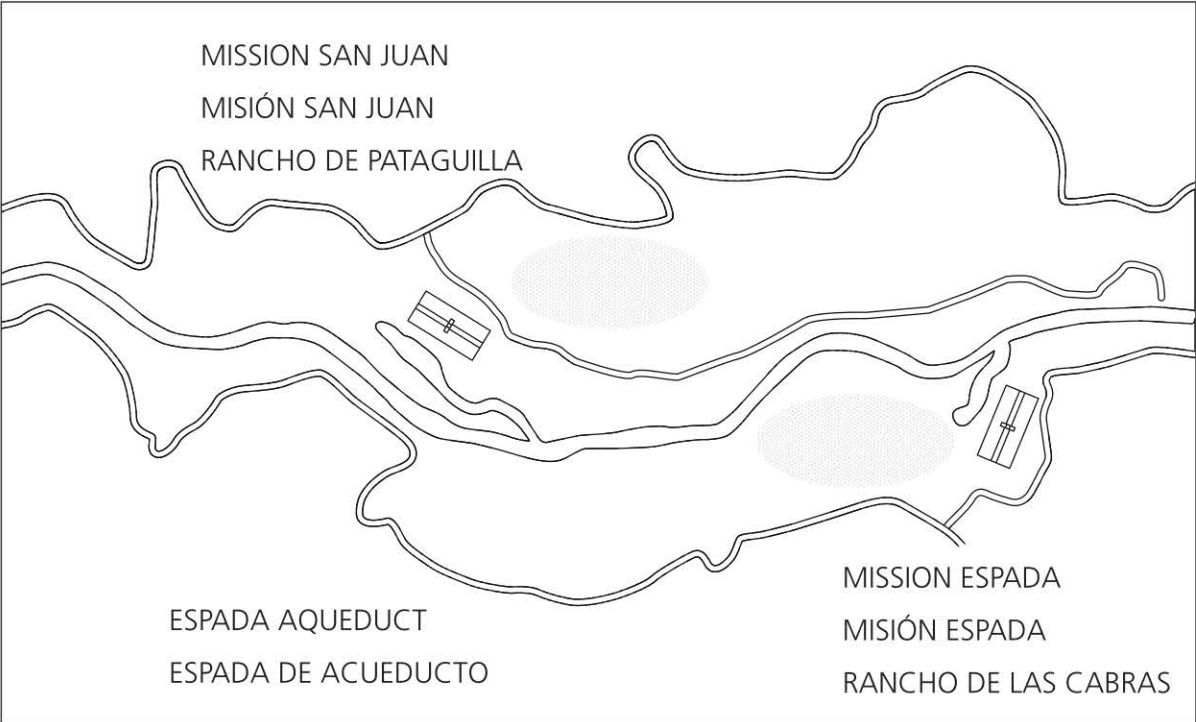


3 CE-03-01 San Antonio River Table Elevation
Scale: 1/2" = 1'-0"

EX-07



SCENE 03: DESIGN DRAWING



SCENE 03: DESIGN DRAWING

NOTE:
Tactile elements include recessed lines,
textures, smooth acequia channel and
letters.



Routed and colored river reference
image



Topography texture reference image



3D scaled models of missions
Approximately 4"x4" in plan (Qty.5)

Acequias routed-in and
backlit with LED lights

Fields

Raised letters
painted epoxy

San Antonio River routed-in
and back lit with LED lights

Topography of the table
top to be painted epoxy

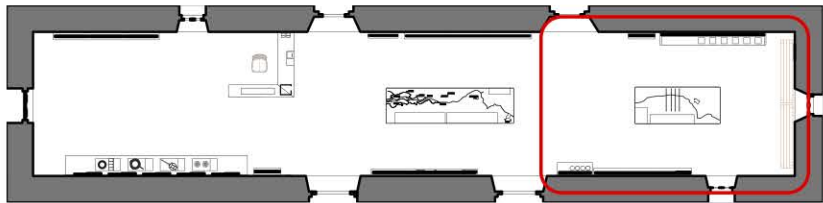


Reader rails

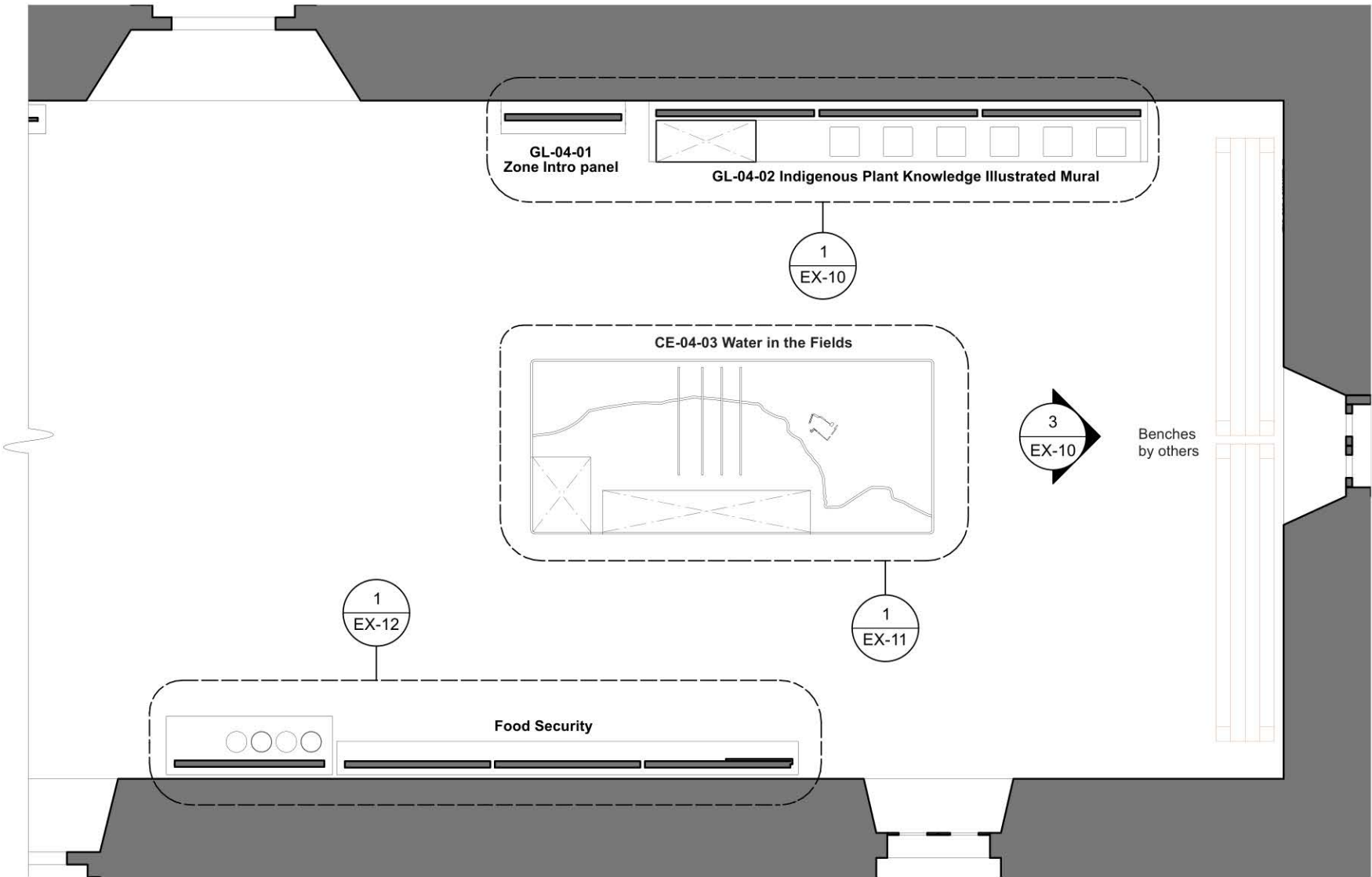
2 CE-03-01 San Antonio River Table Plan
Scale: 1" = 1'-0"

SCENE 04: GROWING SEASON

SCENE 04: PLAN VIEW



KEY PLAN



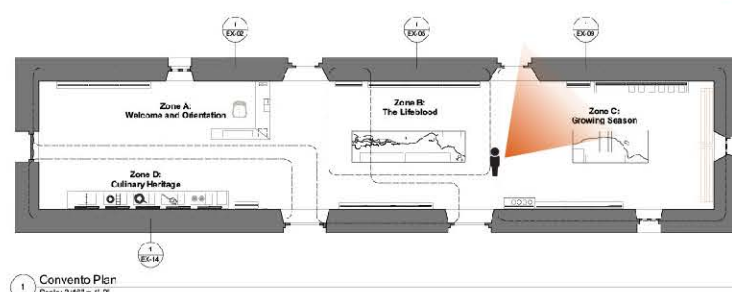
1 Growing Season Plan
Scale: 3/8" = 1'-0"

EX-09

SCENE 04: PERSPECTIVE VIEW

VISITOR EXPERIENCE

This scene invites everyone to roll up their sleeves and “dig” into the agricultural history of Mission San Juan. Large murals evoke both Indigenous plant knowledge, Spanish technology, and contemporary farming amid the Texas landscape. After learning about the significance of the San Antonio River across the region, a family might zoom further into the Mission San Juan story by gathering around the acequia table. One visitor might lift the acequia gate to watch the flow of water, via LED lights, make its way to irrigated fields; feel the tactile differences between a 3D-printed yucca plant and the hard shells of the pecan tree; or compare and contrast the cylinders of colorful seeds that represent the scale and output of the farm both past and present.



GL-04-01 Zone Intro Panel

CE-04-02-01 to CE-04-02-06 Plant Tactiles

SCENE 04: PERSPECTIVE VIEW

CE-04-06 Quotation

CE-04-03 Acequia Table

GL-04-04-02 Topic Panel

GL-04-04-01 Photo Mural

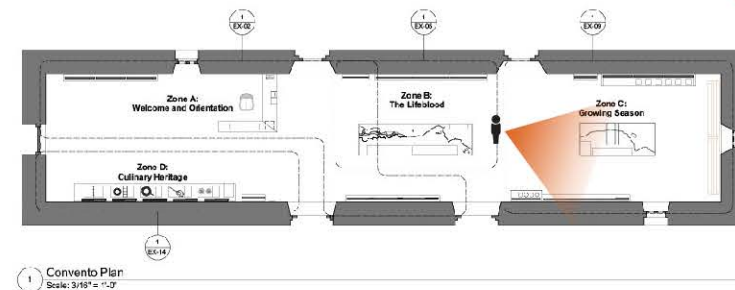
GL-04-05 Bar Graph Graphic



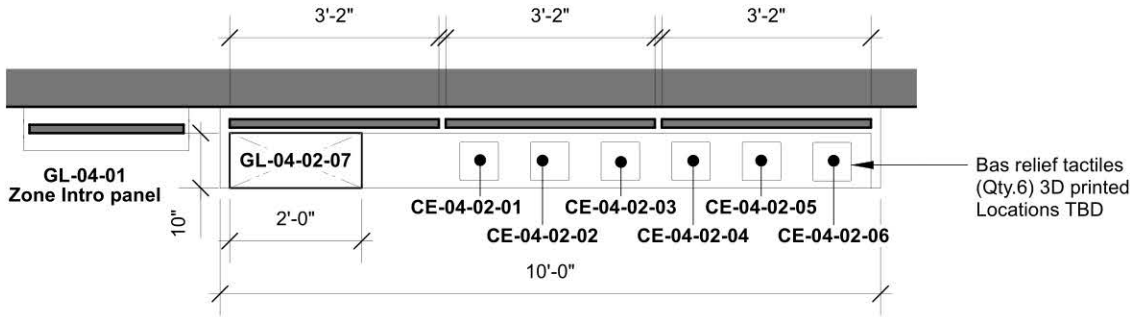
GL-04-03-02 Reader Rail

GL-04-03-03 Instruction Panel

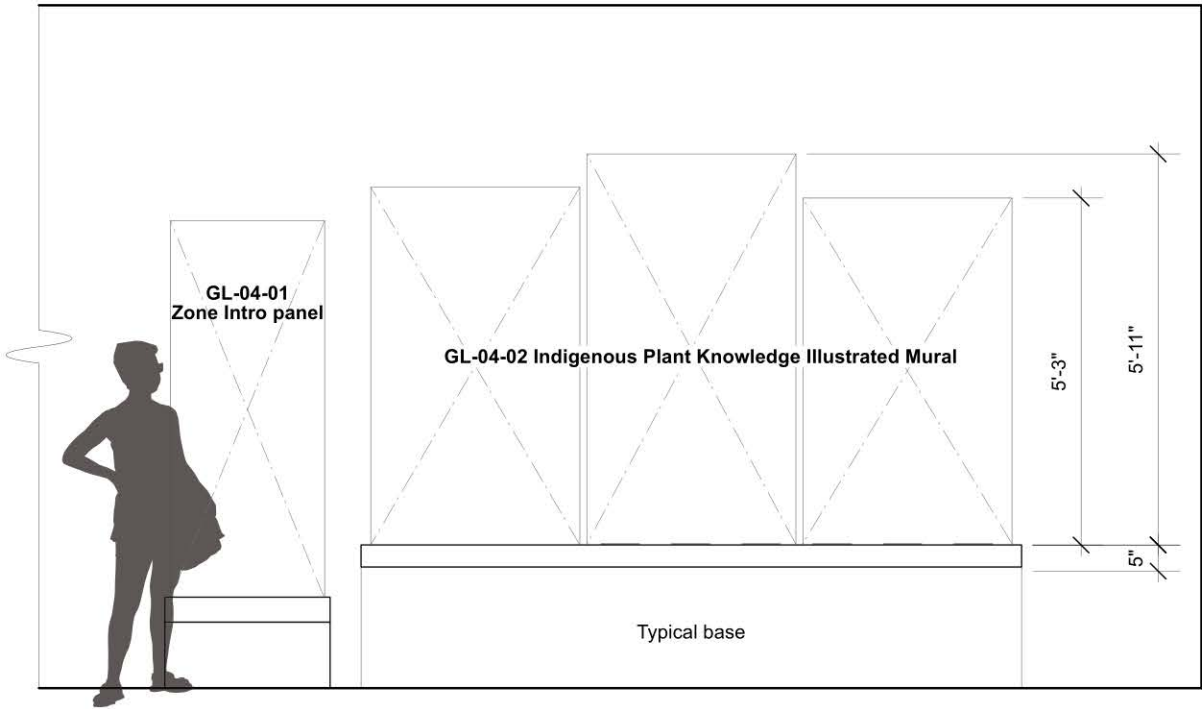
CE-04-04 Seed Cylinders



SCENE 04: DESIGN DRAWING



1 Growing Season Plan
Scale: 3/8" = 1'-0"



3 Growing Season Elevation
Scale: 3/8" = 1'-0"



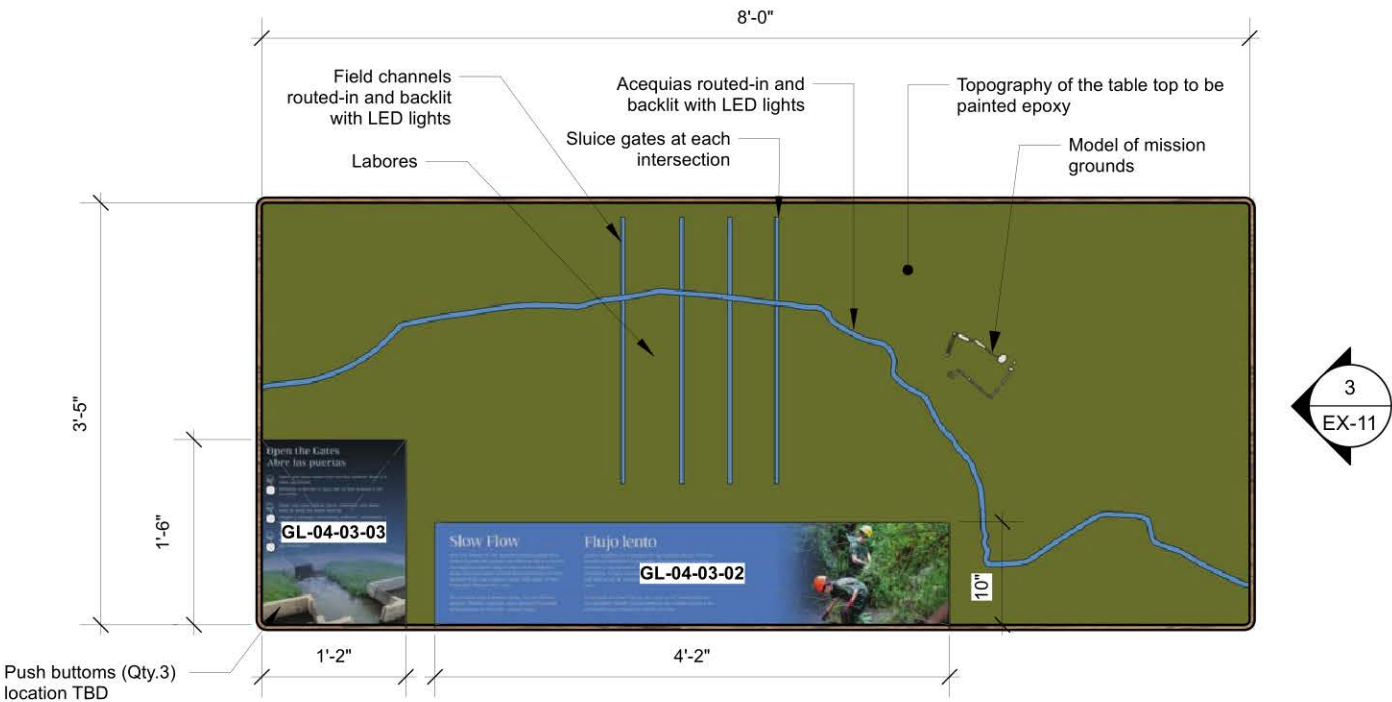
Bas relief reference photo

Note: The bas relief to be 3/4" high for tactile experience

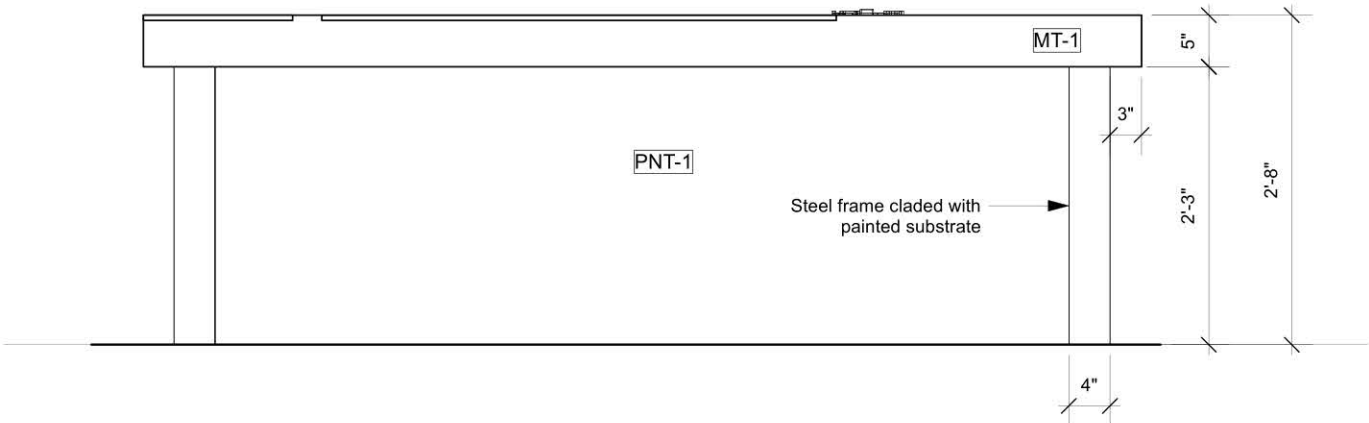


2 Growing Season Isometric
Scale: 3/8" = 1'-0"

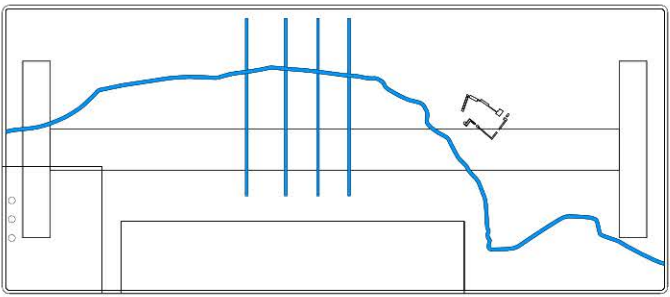
SCENE 04: DESIGN DRAWING



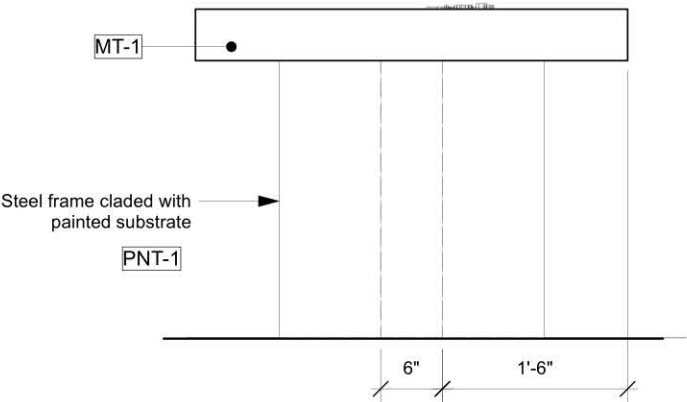
1 CE-04-03 Acequia Table Plan
Scale: 3/4" = 1'-0"



2 CE-04-03 Acequia Table Elevation
Scale: 3/4" = 1'-0"



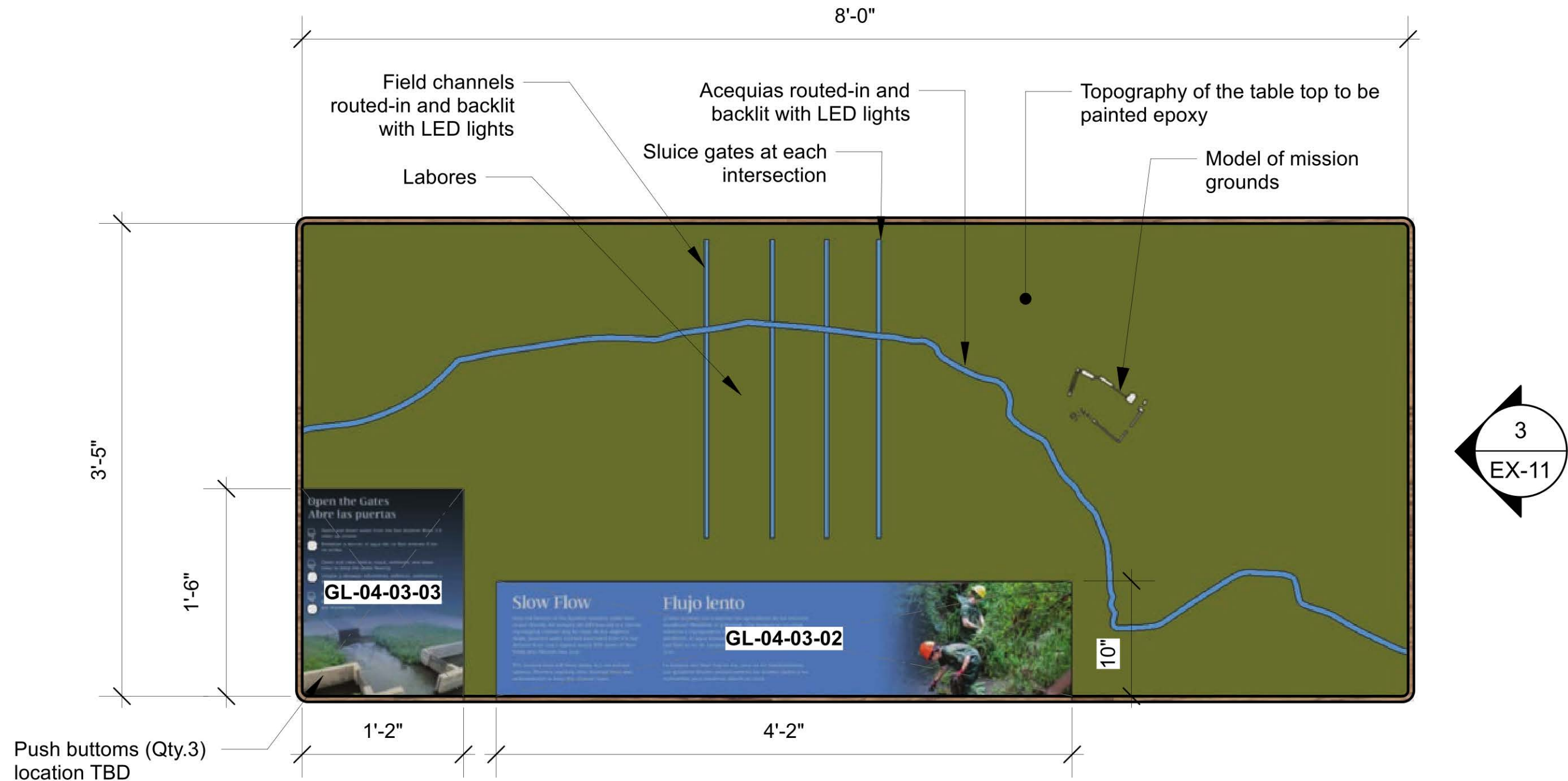
4 CE-04-03 Acequia Table Isometric
Scale: 1/2" = 1'-0"



3 CE-04-03 Acequia Table Elevation
Scale: 3/4" = 1'-0"

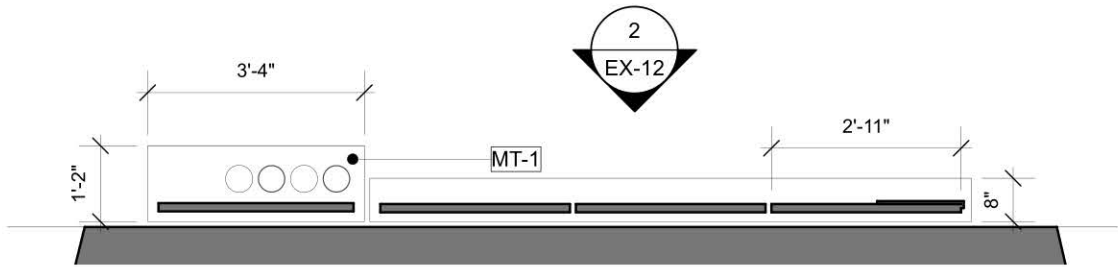
EX-11

SCENE 04: DESIGN DRAWING

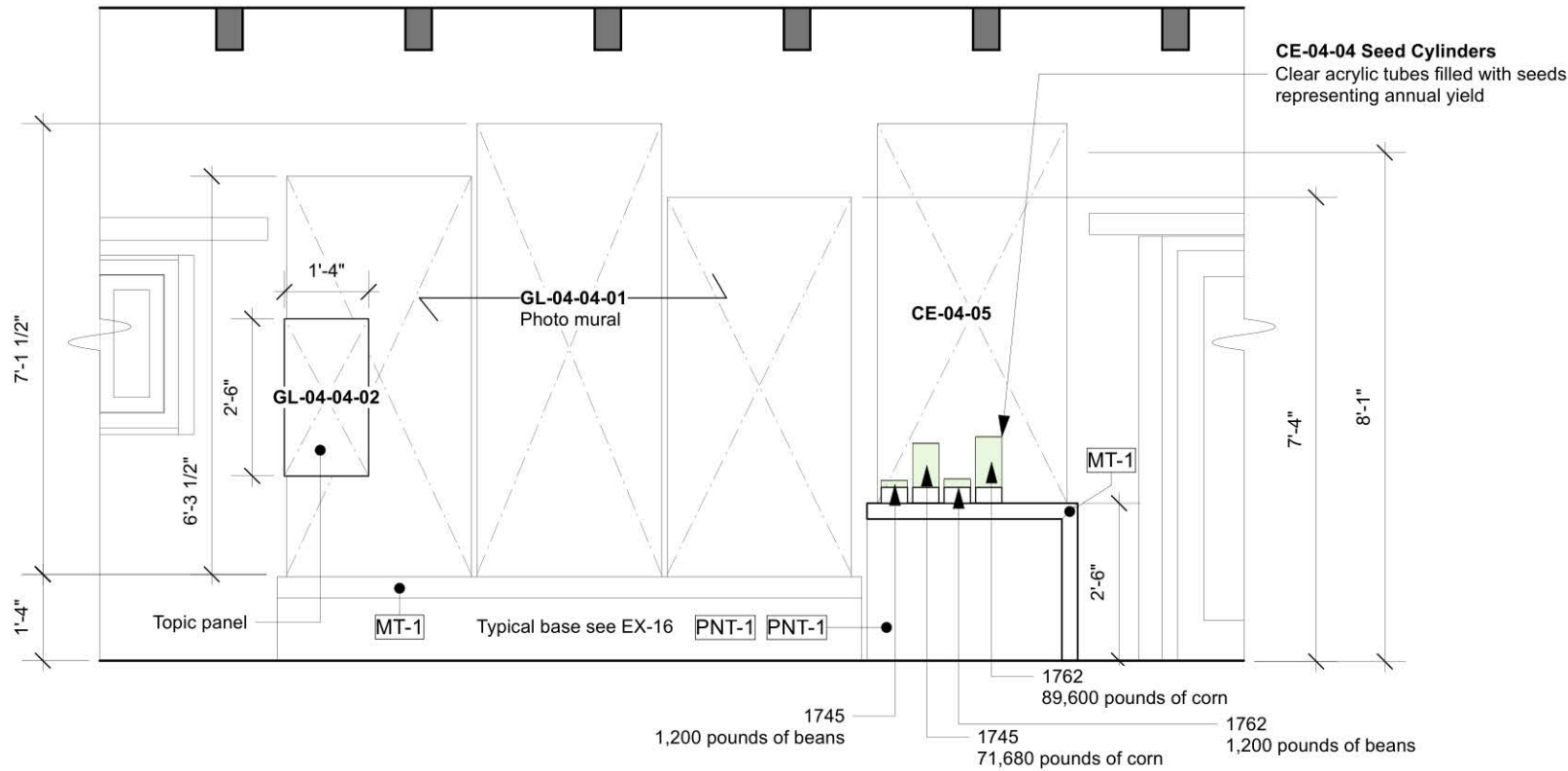


1 CE-04-03 Acequia Table Plan
Scale: 3/4" = 1'-0"

SCENE 04: DESIGN DRAWING



1 Growing Season Plan
Scale: 3/8" = 1'-0"

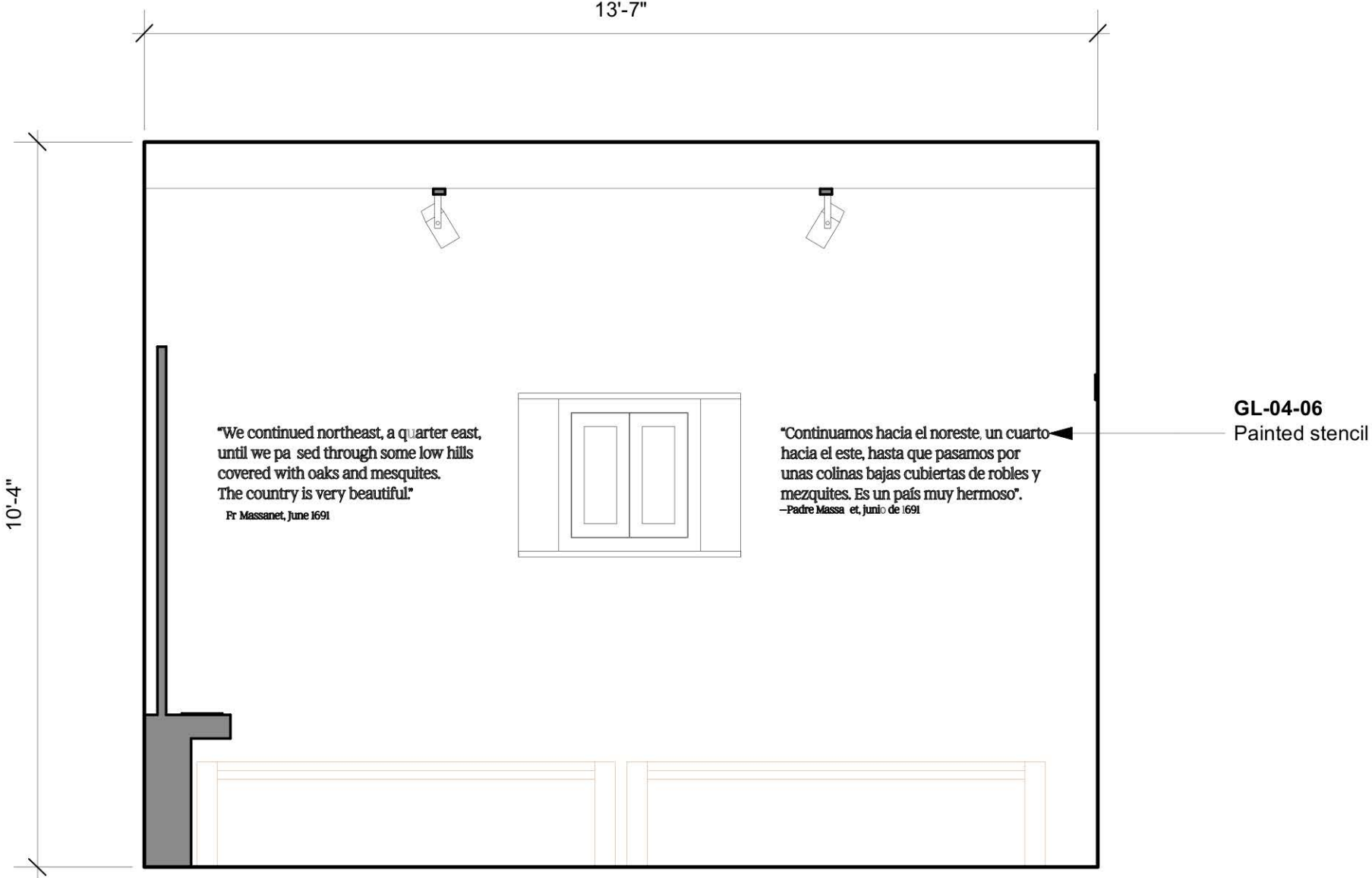


2 Growing Season Elevation
Scale: 3/8" = 1'-0"



3 Growing Season Isometric
Scale: 1/2" = 1'-0"

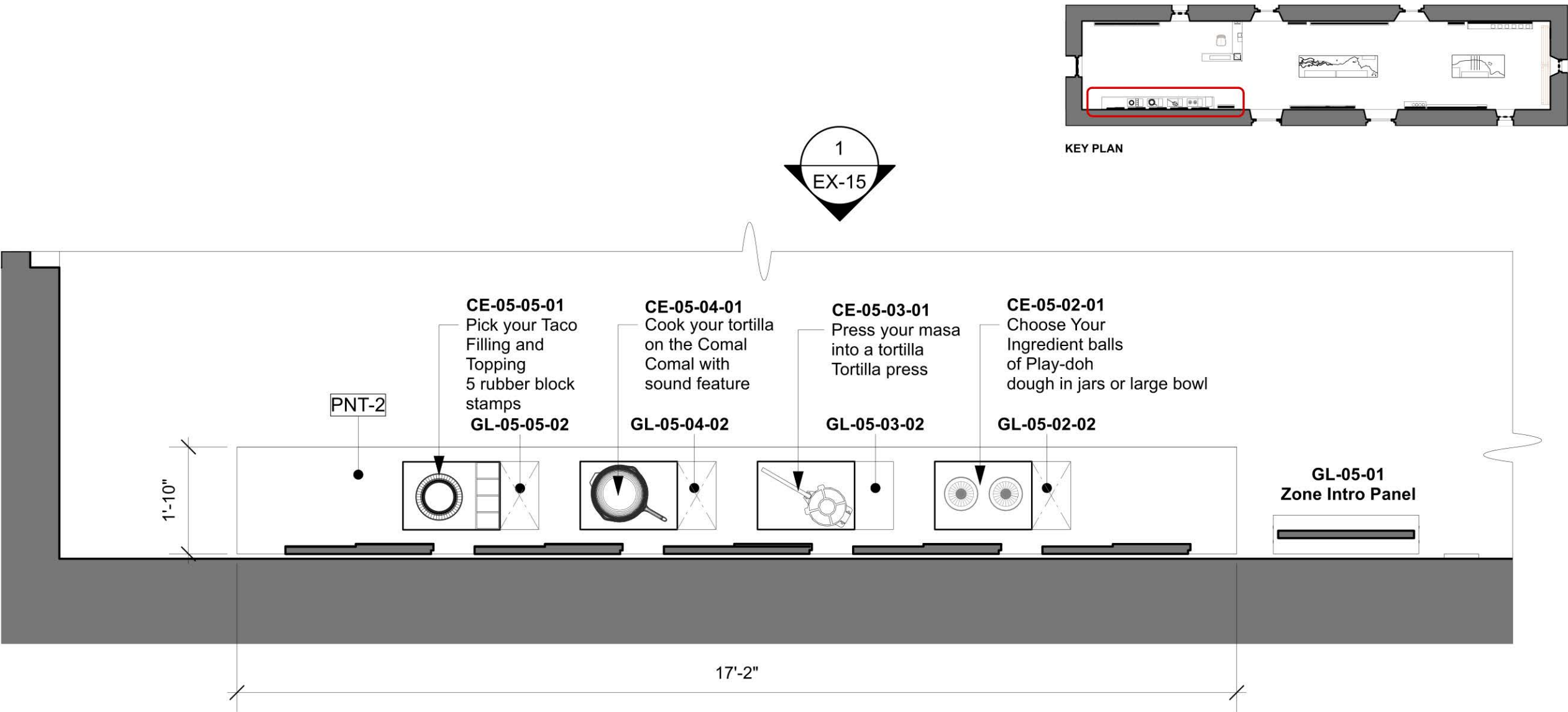
EX-12



1 Growing Season Elevation
Scale: 3/8" = 1'-0"

SCENE 05: CULINARY HERITAGE

SCENE 05: PLAN VIEW



1 Culinary Heritage Plan
Scale: 3/8" = 1'-0"

SCENE 05: PERSPECTIVE VIEW

ZONE EXPERIENCE:

Food can bring together people and cultures across generations, and the culinary heritage at Mission San Juan is no different. Visitors will explore the journey of the field to the table in a multisensory interactive inspired by a San Antonio favorite: tacos! In this social experience, visitors will build a taco step-by-step while learning more about traditional meals prepared centuries ago at Mission San Juan using ingredients grown right at home. From pressing a Play-doh ball into a flat tortilla, “frying” it at the comale, or selecting toppings like cheese or peppers, this station is sure to leave everyone hungry.

**CE-05-02-01 Tortilla
Interactive: Ball Bowl**

**GL-05-02-02 Instruction
Panel**

GL-05-02-03 Focus Panel

GL-05-02-05 Meal Graphic

**CE-05-03-01 Tortilla
Interactive: Tortilla Press**

**GL-05-03-02 Instruction
Panel**

GL-05-03-03 Focus Panel

GL-05-03-05 Meal Graphic

GL-05-01 Zone Intro Panel



**CE-05-04-01 Tortilla
Interactive: Sound Station**

**GL-05-04-02 Instruction
Panel**

GL-05-04-03 Focus Panel

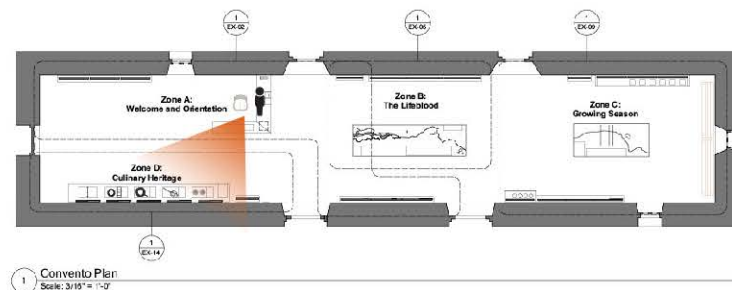
GL-05-04-05 Meal Graphic

**CE-05-05-01 Tortilla
Interactive: Toppings Press**

**GL-05-05-02 Instruction
Panel**

GL-05-05-03 Focus Panel

GL-05-05-05 Meal Graphic



SCENE 05: DESIGN DRAWING



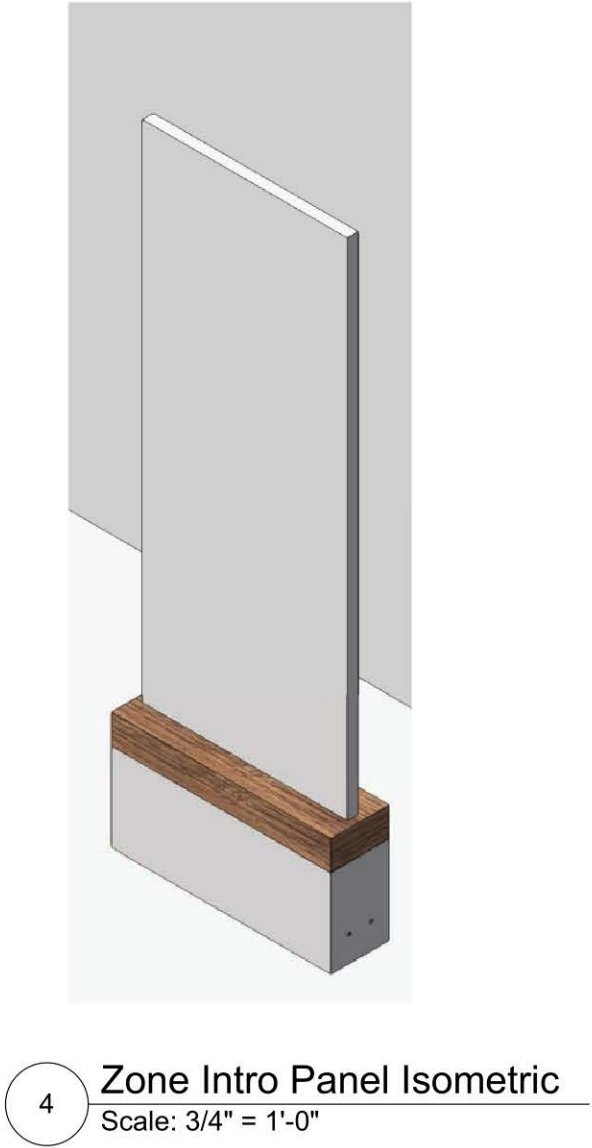
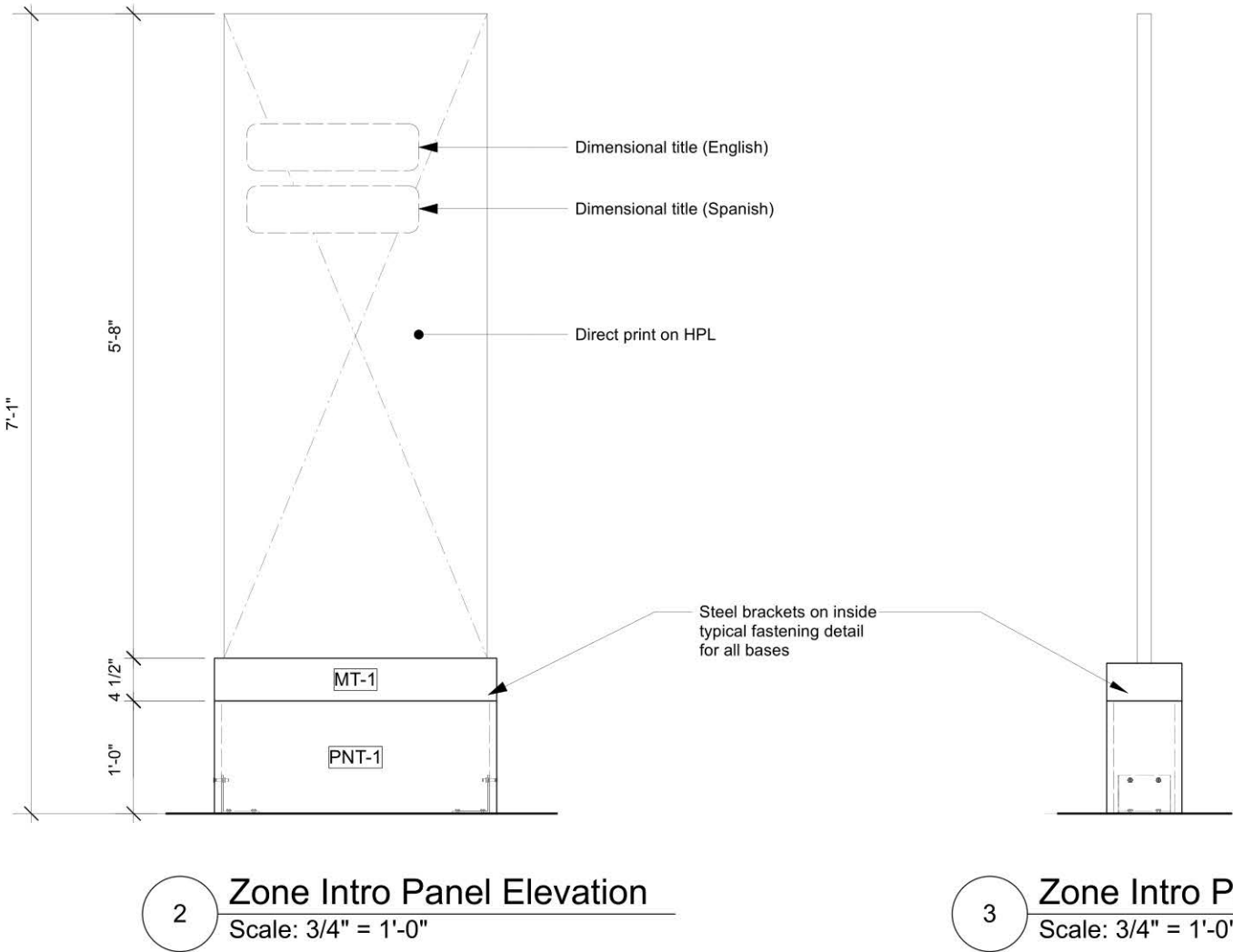
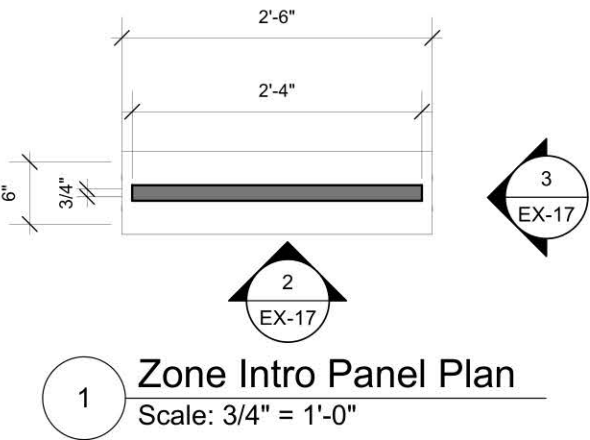
1 Culinary Heritage Plan
Scale: 3/8" = 1'-0"



1 Culinary Heritage Isometric
Scale: 1/2" = 1'-0"

EX-16

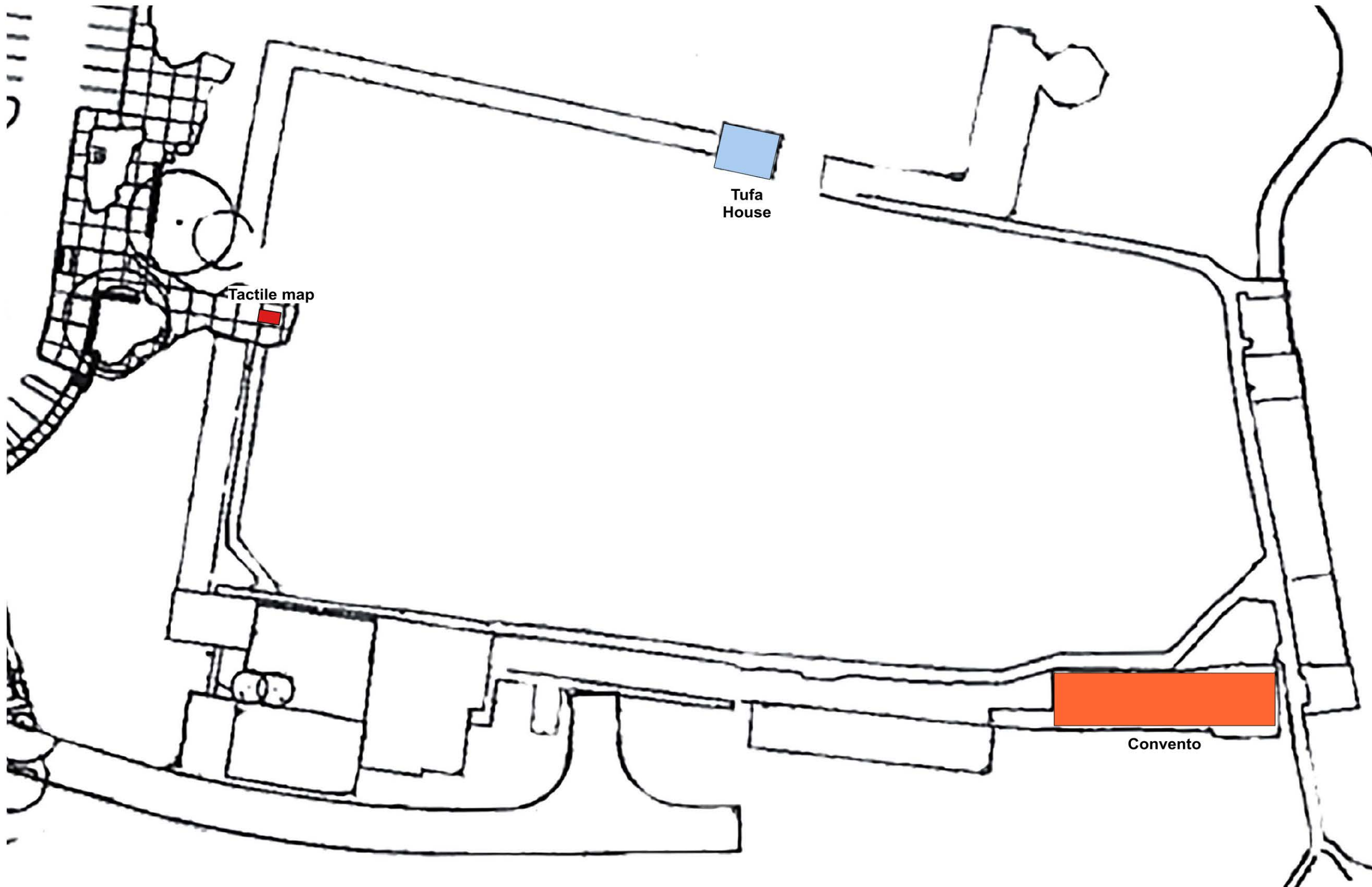
SCENE 05: DESIGN DRAWING



EX-17

SCENE 06: SITE ORIENTATION

SCENE 06: SITE ORIENTATION



EX-01

SCENE 06: PERSPECTIVE VIEW

VISITOR EXPERIENCE:

As visitors park their cars or lock up their bikes, they might shade their eyes to gaze into the site ahead. A family poses with the National Park Service sign as the buildings of Mission San Juan provide a perfect backdrop. Nearby, under a tree, a large bronze orientation tactile map is shaded from the afternoon sun. After their photo, visitors stop by the map to plan out their afternoon. The site is much larger than they expected!

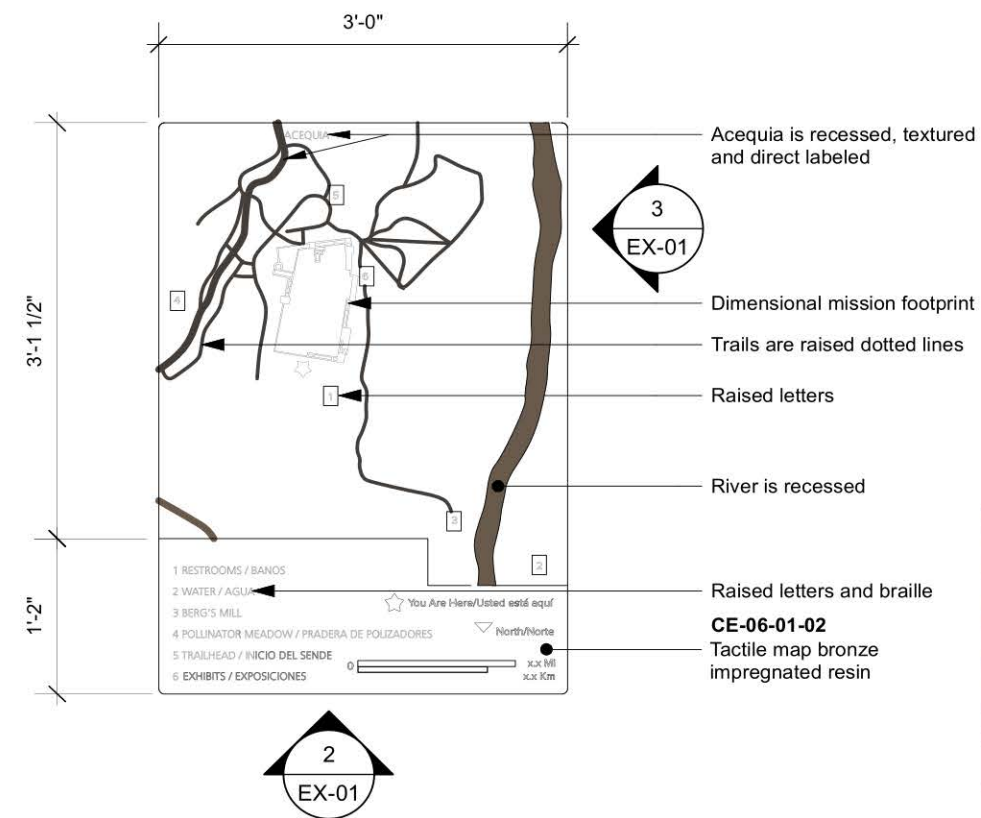
ELEMENTS:

CE-06-01-01 Wayfinding Station

CE-06-01-02 Tactile Map



SCENE 06: SITE ORIENTATION



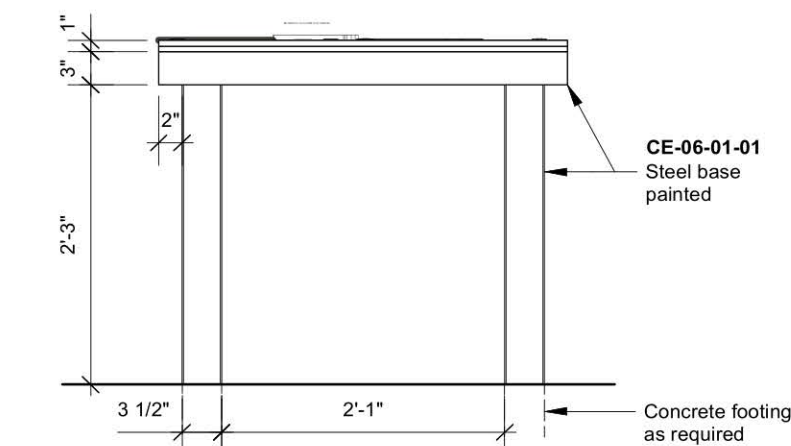
1 Wayfinding Station Plan
Scale: 3/4" = 1'-0"



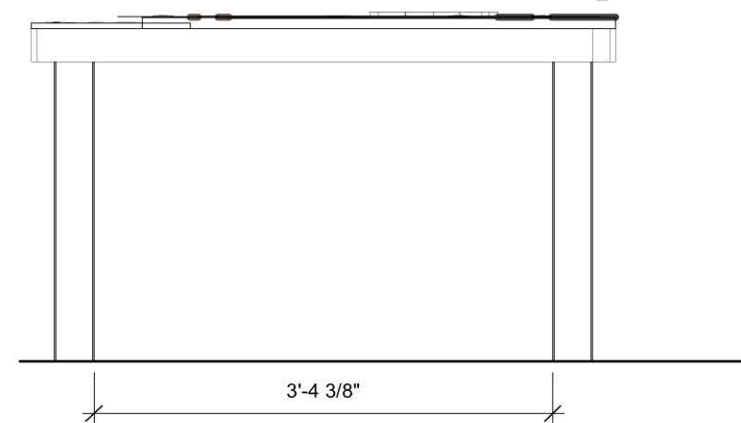
Reference photo



4 Wayfinding Station Isometric
Scale: 3/4" = 1'-0"



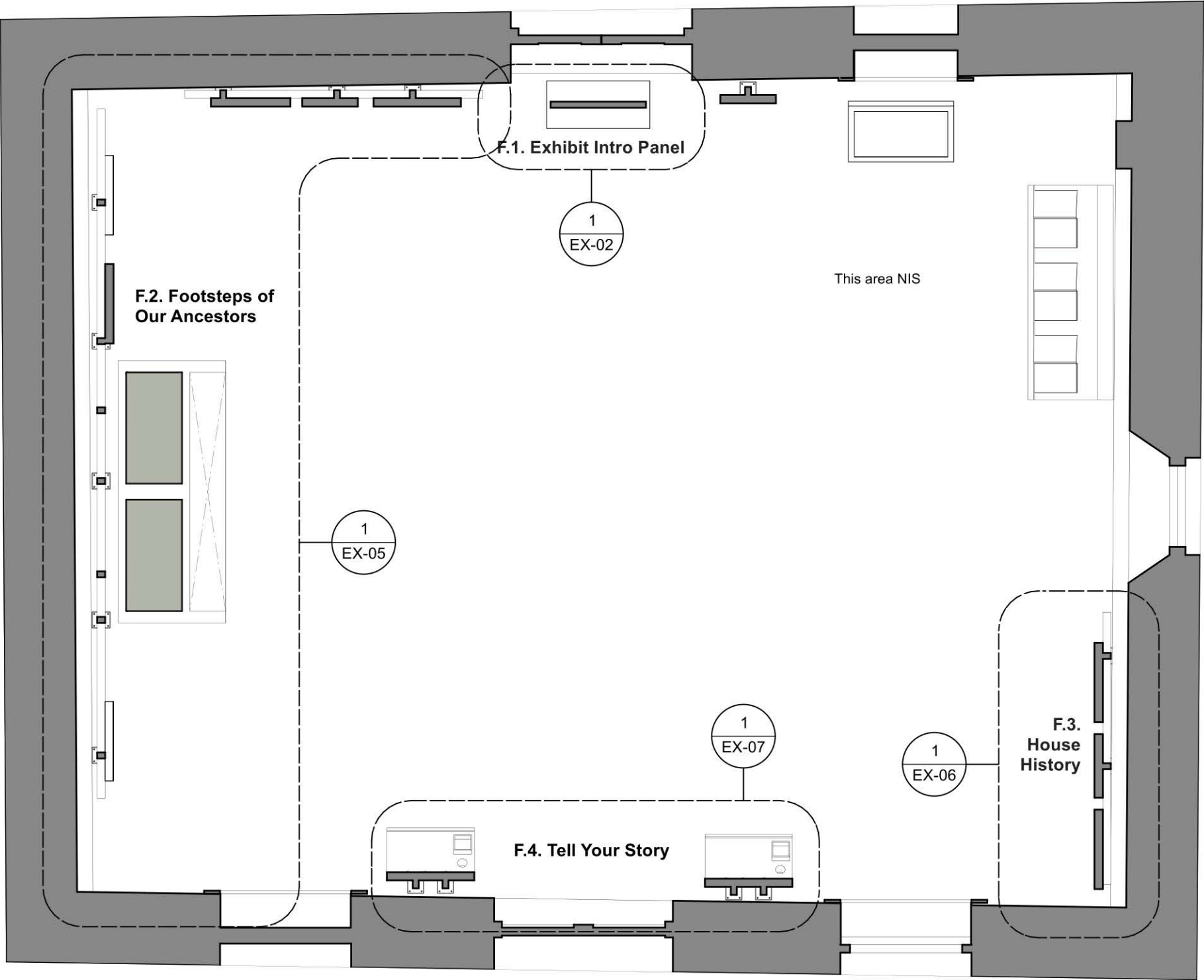
2 Wayfinding Station Elevation
Scale: 3/4" = 1'-0"



3 Wayfinding Station Elevation
Scale: 3/4" = 1'-0"

SCENE 07: TUFA HOUSE

SCENE 07: PLAN VIEW



1 Tufa House Plan
Scale: 3/8" = 1'-0"

SCENE 07: PERSPECTIVE VIEW

VISITOR EXPERIENCE:

After exploring the new exhibits in the Convento space, a group of visitors heads outside. As they leave, the staff person at the front desk encourages them to check out the Tufa House exhibits. They cross a short distance across the grassy field, walking up the stairs of a small, modest house. The visitors are greeted by a set of vibrant contemporary portraits of mission descendants. Much like the “We’re Here Still Here” exhibit which is currently on display, the portraits feature families holding framed photos of their ancestors. One visitor walks up to a set of clear artifact cases, each of which contains a special, personal object— an item from someone’s kitchen or perhaps a small toy—with a short label written in a first-person voice. Nearby, a family writes down their answers to a question posed at a talkback board. Another visitor spots the research area (out of scope), a simple yet welcoming area for genealogy and curious browsing.

CA-07-02-01 Casework

Quotation and Portrait Panels
(GL-07-02-01 to GL-07-02-23;
see design drawings for exact
placement

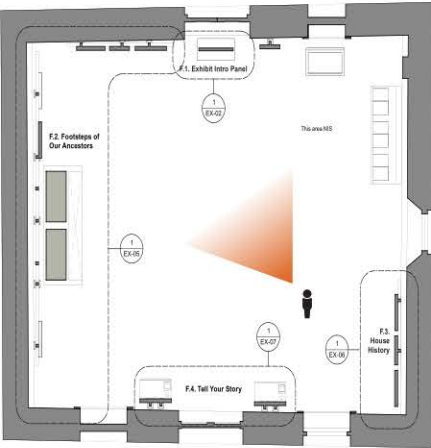


GL-07-01-02
Exhibit Title

GL-07-03-01
Topic Panel

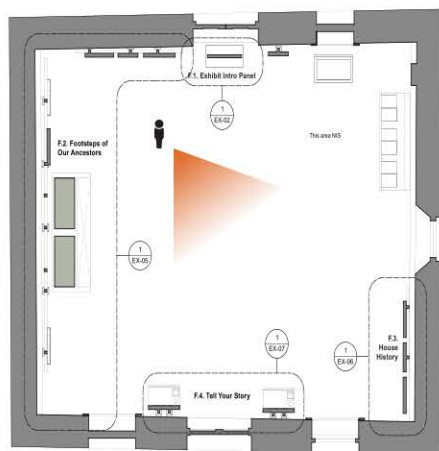
GL-07-01-01 Intro
Panel

Not in
scope



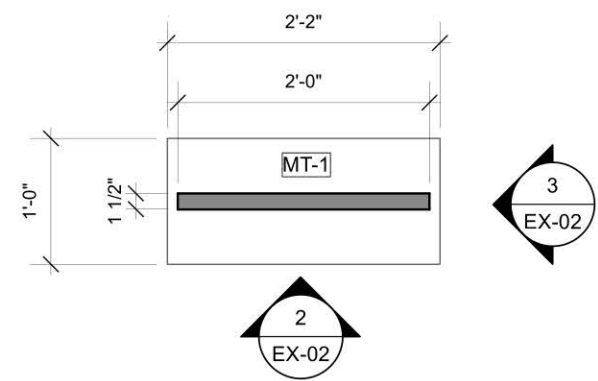
SCENE 07: PERSPECTIVE VIEW

Quotation and Portrait Panels
(GL-07-02-01 to GL-07-02-23;
see design drawings for exact
placement

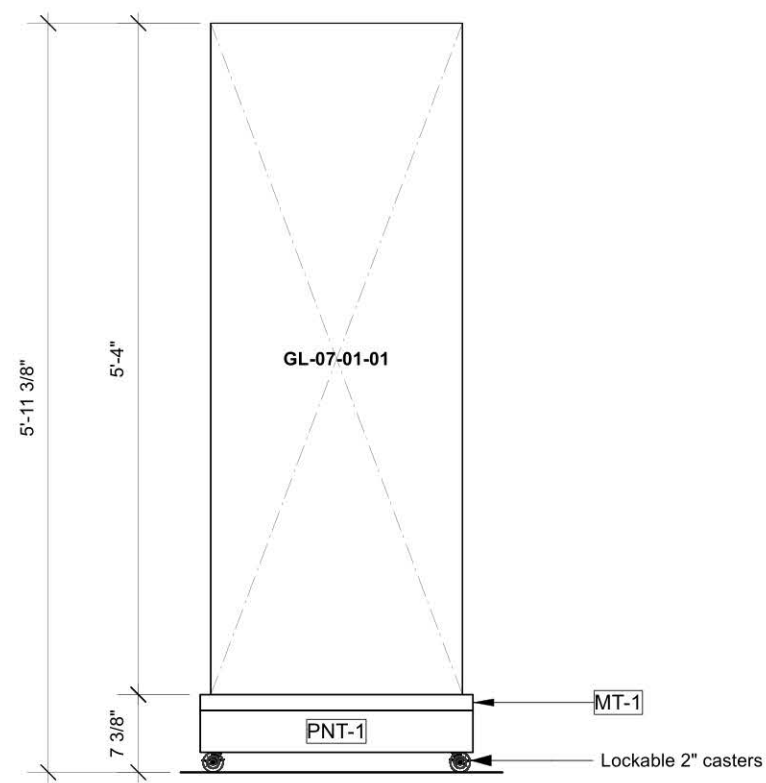


CE-07-04-01 Message Boards

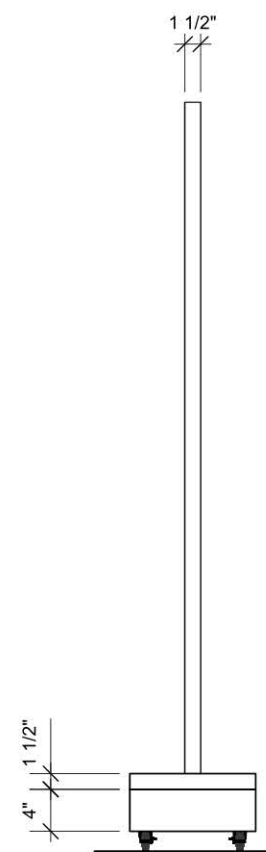
SCENE 07: DESIGN DRAWING



1 Intro Panel Plan
Scale: 3/4" = 1'-0"



2 Intro Panel Elevation
Scale: 3/4" = 1'-0"

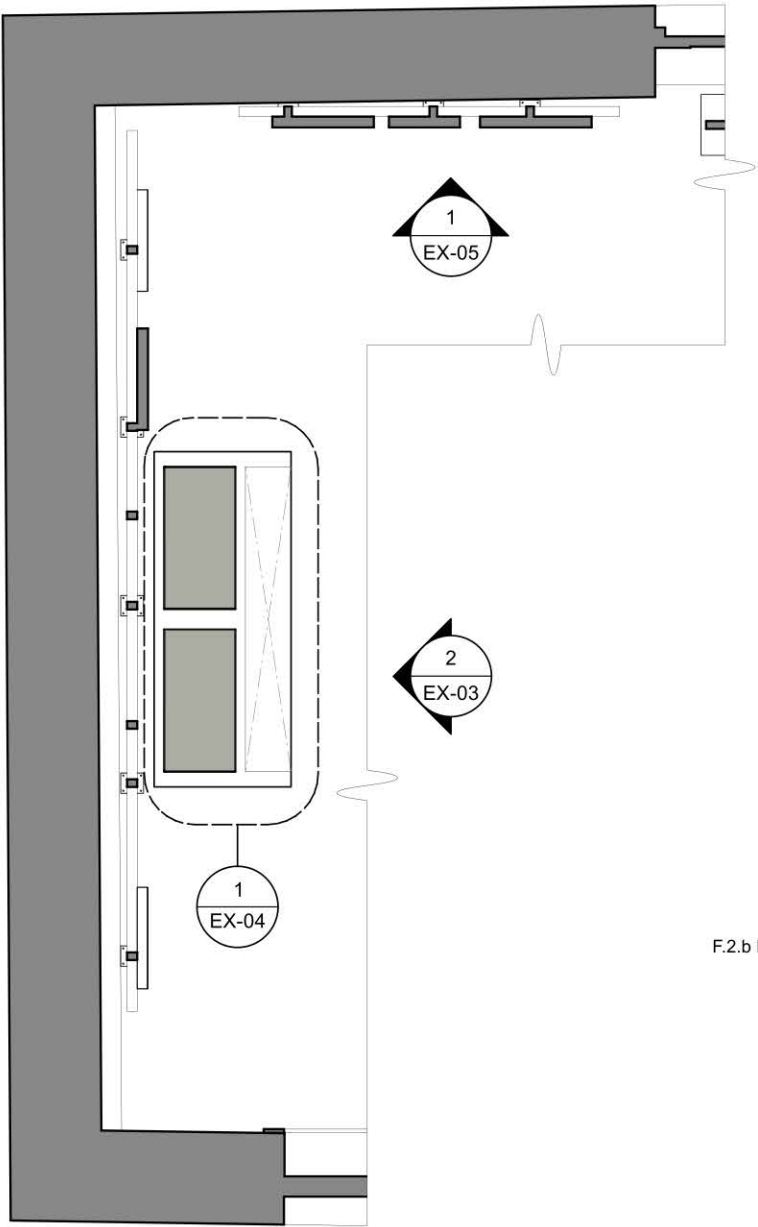


3 Intro Panel Elevation
Scale: 3/4" = 1'-0"

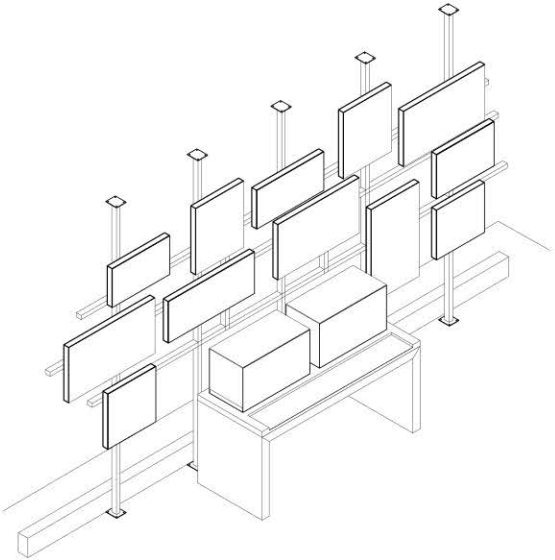


4 Intro Panel Isometric
Scale: 3/4" = 1'-0"

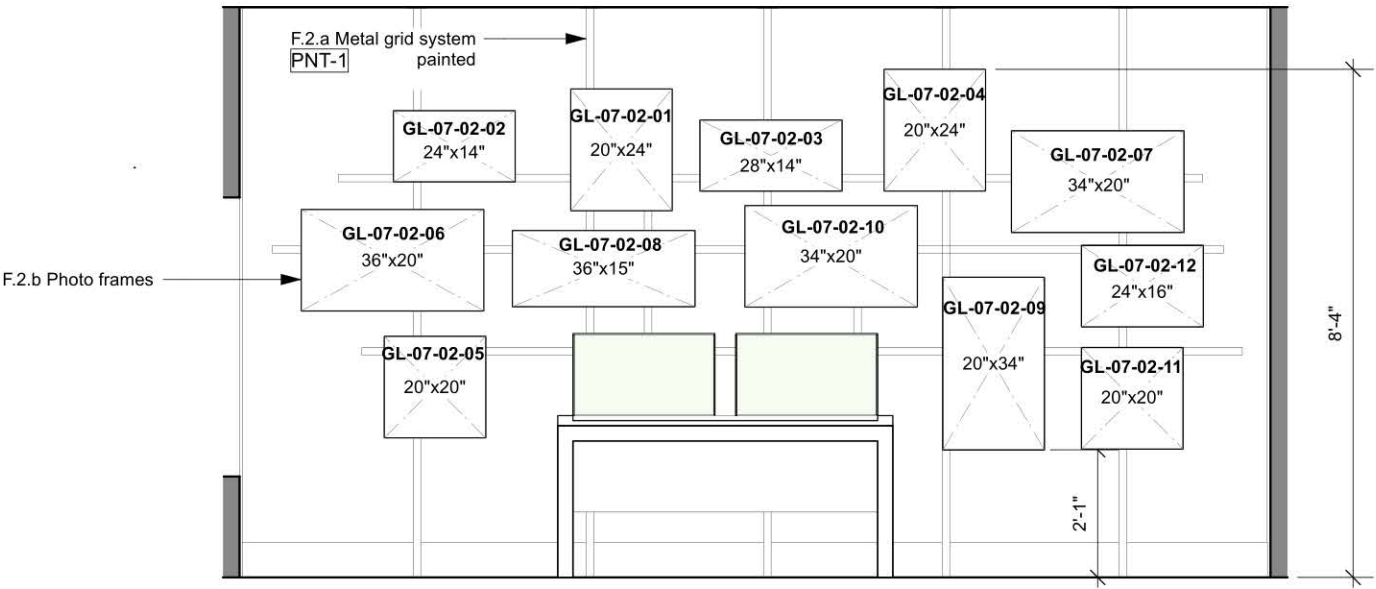
EX-02



1 Footsteps of Our Ancestors Plan
Scale: 3/8" = 1'-0"



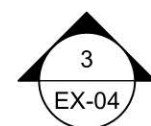
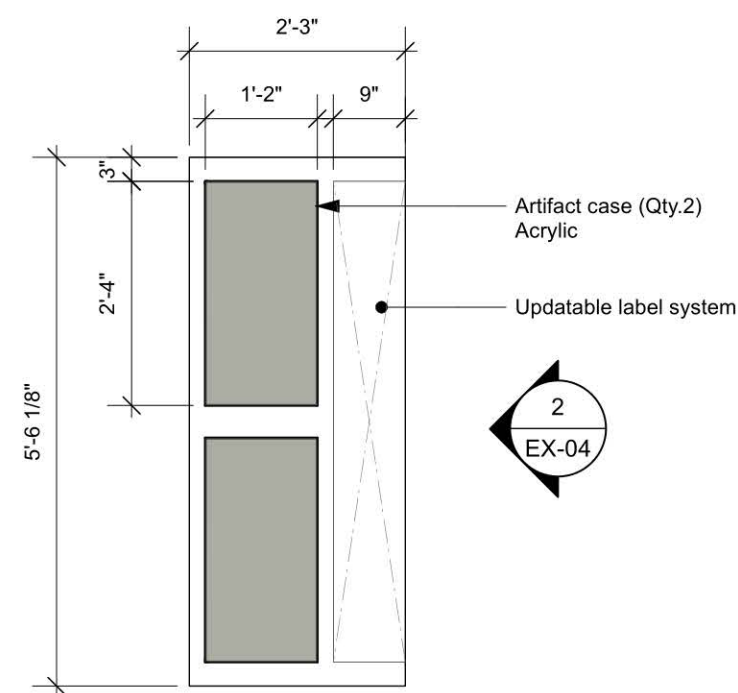
4 Footsteps of Our Ancestors Isometric
Scale: 1/4" = 1'-0"



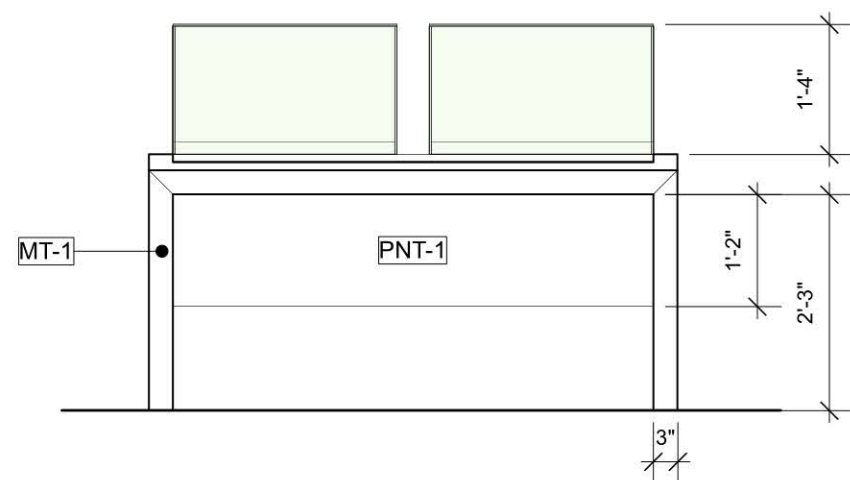
2 Footsteps of Our Ancestors Elevation
Scale: 3/8" = 1'-0"

EX-03

SCENE 07: DESIGN DRAWING



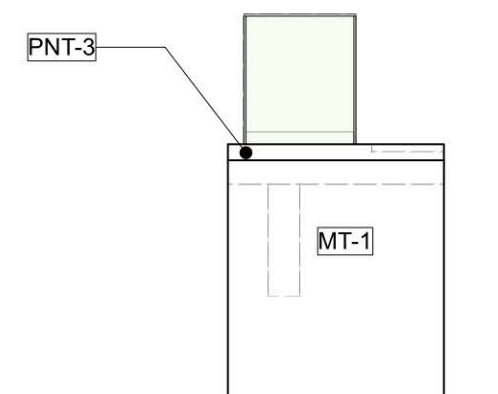
1 CA-07-02-01 Community-Curated Casework Plan
Scale: 1/2" = 1'-0"



2 CA-07-02-01 Community-Curated Casework Elevation
Scale: 1/2" = 1'-0"

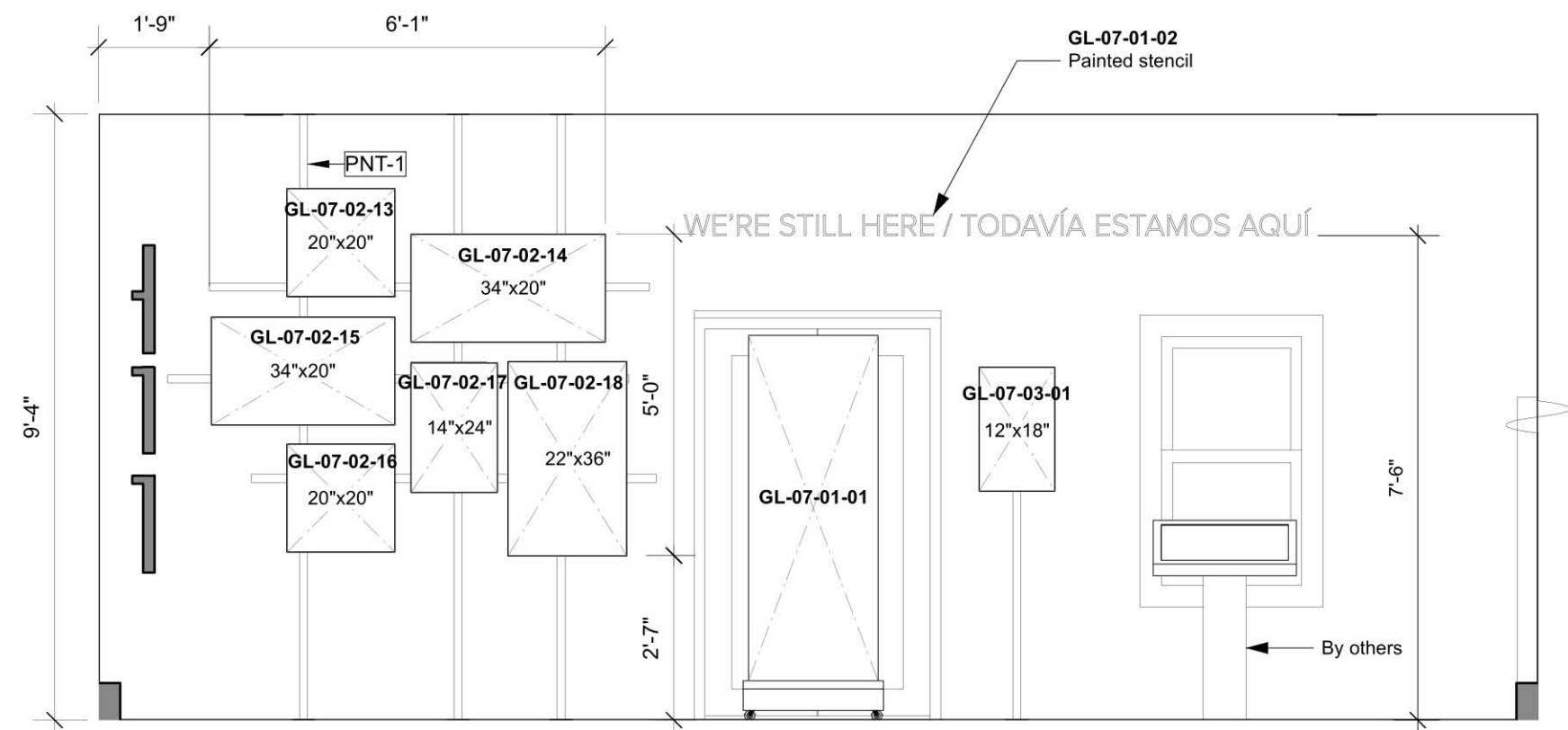


4 CA-07-02-01 Community-Curated Casework Isometric
Scale: 1/2" = 1'-0"

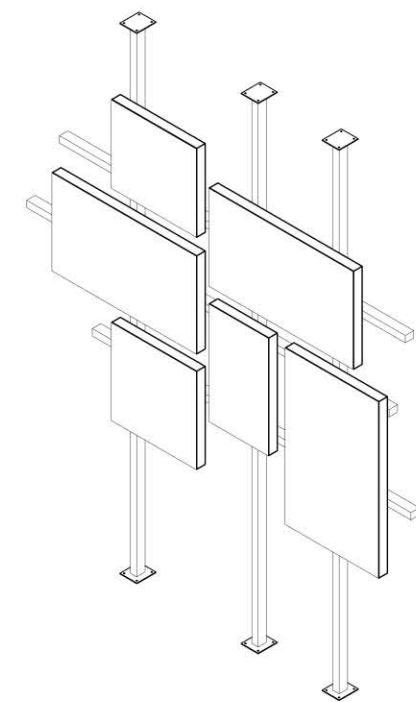


3 CA-07-02-01 Community-Curated Casework Elevation
Scale: 1/2" = 1'-0"

SCENE 07: DESIGN DRAWING

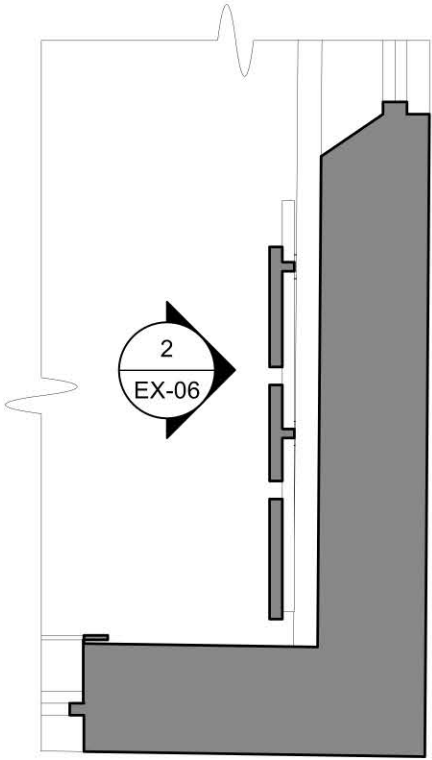


1 Footsteps of Our Ancestors Elevation
Scale: 3/8" = 1'-0"

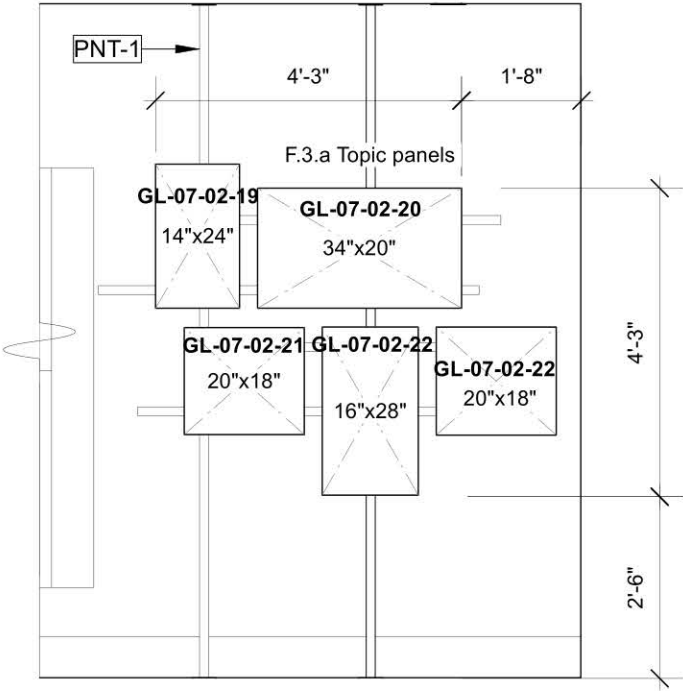


2 Footsteps of Our Ancestors Isometric
Scale: 3/8" = 1'-0"

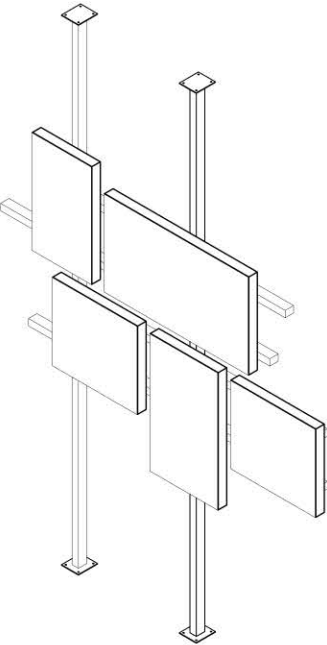
SCENE 07: DESIGN DRAWING



1 House History Elevation Plan
Scale: 3/8" = 1'-0"

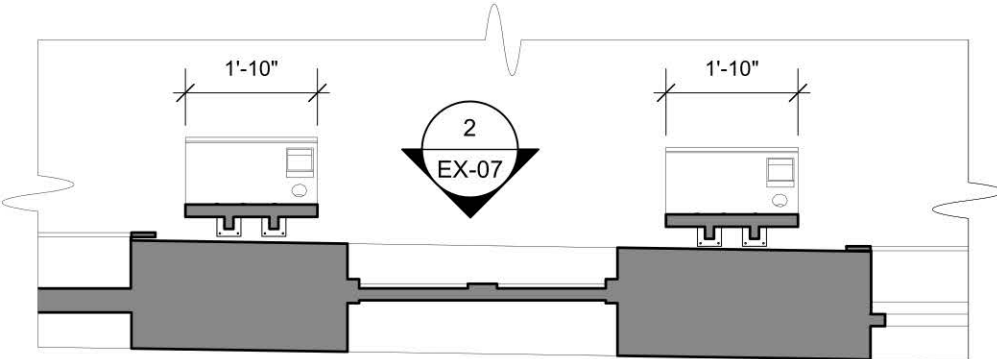


2 House History Elevation
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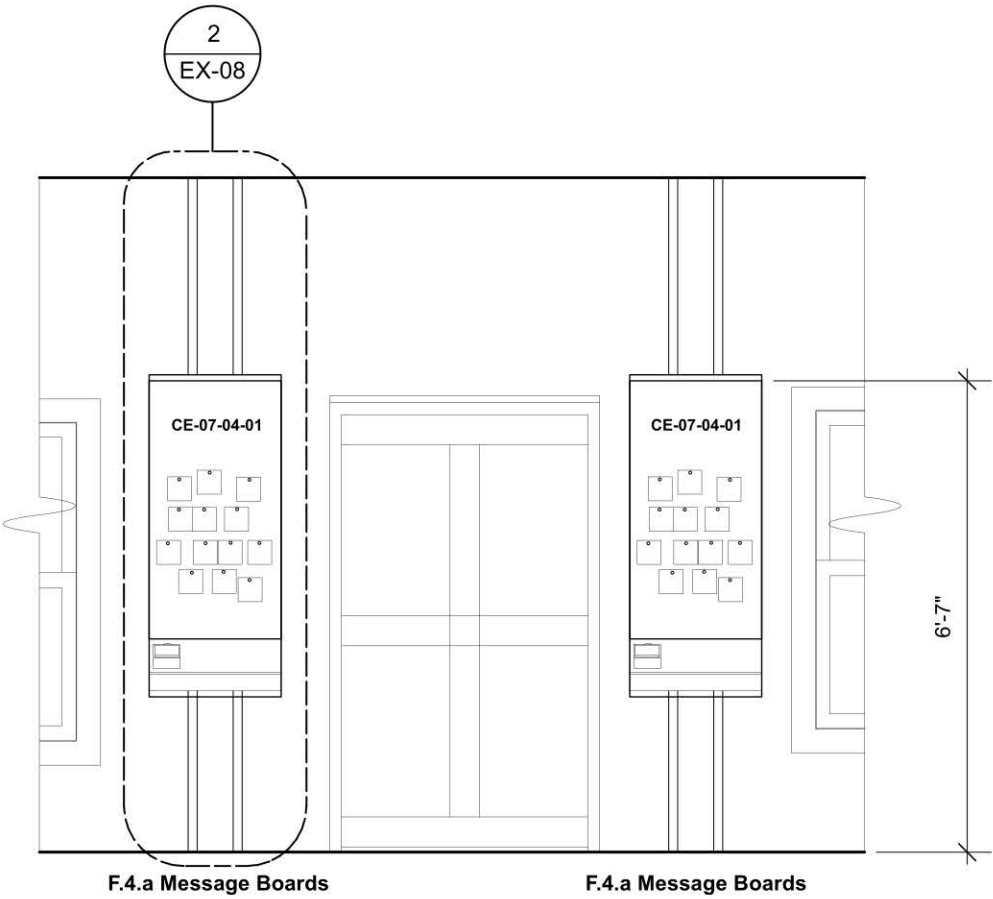


3 House History Isometric
Scale: 3/8" = 1'-0"

SCENE 07: DESIGN DRAWING

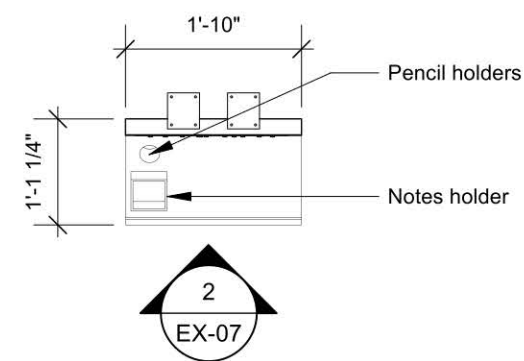


1 Tell Your Story Plan
Scale: 3/8" = 1'-0"

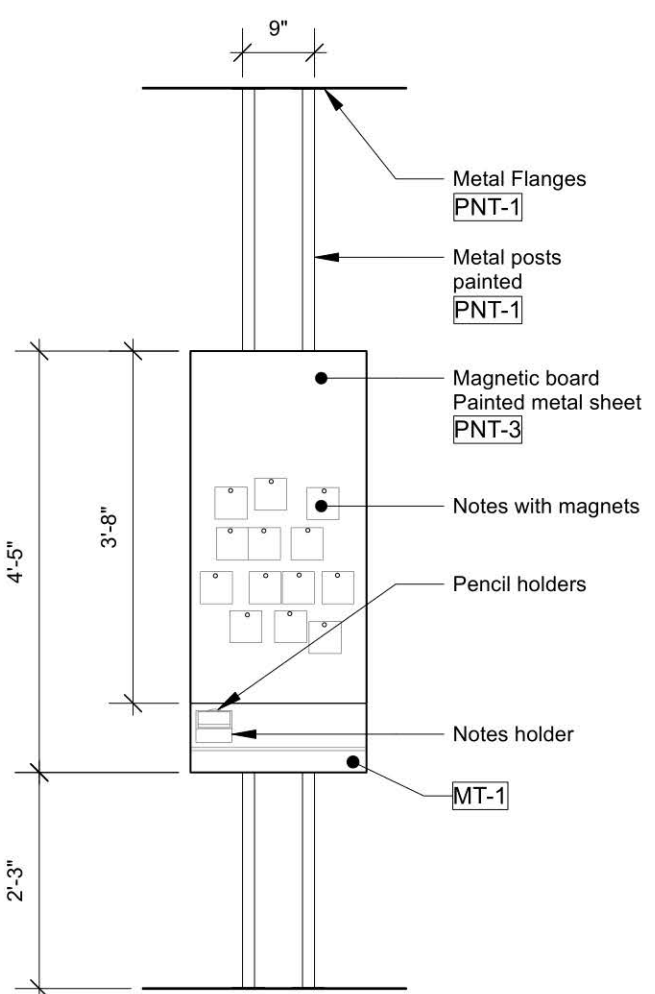


2 Tell Your Story Elevation
Scale: 3/8" = 1'-0"

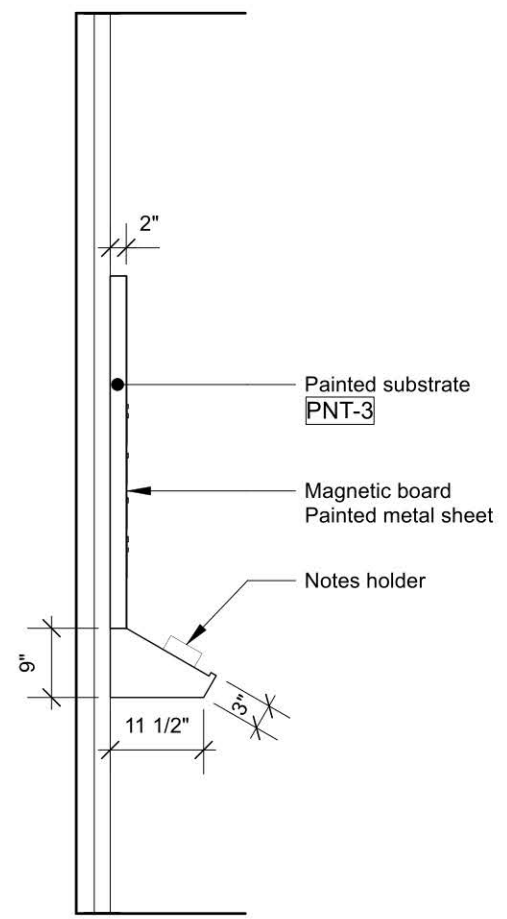
SCENE 07: DESIGN DRAWING



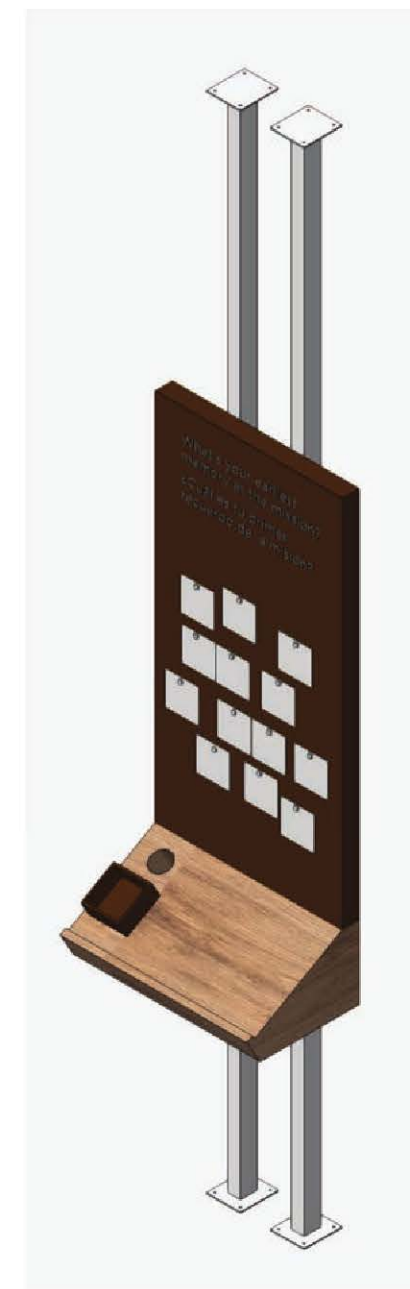
1 Message Boards Plan
Scale: 1/2" = 1'-0"



2 Message Boards Elevation
Scale: 1/2" = 1'-0"



3 Message Boards Elevation
Scale: 1/2" = 1'-0"



4 Message Boards Isometric
Scale: 3/4" = 1'-0"

ACCESSIBILITY & UNIVERSAL DESIGN

Audio Description Tour
Production Plan (DD3)
December 5, 2023

**San Antonio Missions
National Historical Park**

Prepared for:

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stasha@qmediaproductions.com

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PRODUCTION PLAN

LOCATION: SAN ANTONIO MISSIONS NATIONAL HISTORICAL PARK, SAN ANTONIO, TX 78210

Format: Audio description text only. The sole purpose of this program is audio description for visitors who are blind or have visual impairments. It is not intended to add additional interpretation to the existing space. The selected technology uses text only; no recording or audio production is included or required.

Scope overview: Per solicitation # [140P2122Q0032]

- **Updated Audio Description Production Plan to reflect Design Development 3,** to include audio description trigger types, trigger locations, and Table of Contents segment titles and submenu selections
- *Standard NPS Audio Description text: Audio description shall include all exhibit elements. Exhibit elements include text, graphics, tactiles, interactives, scenic elements, electronic programs (audio and video), and navigational and operational instruction.*

Audio description of three exhibit locations within SAAN:

- Convento
- Tufa House
- Site Orientation / Wayfinding Station

Hardware/software:

- Client will be utilizing NPS ADT-IEM tour app software.
- App uses screen reader technology to provide descriptive text to visitors who download the app.

Triggering/Auto-alert:

Client is utilizing NPS ADT-IEM tour app software which provides auto-alerts to available content via Bluetooth beacons. Beacons will be identified with numbers and relevant content grouped into appropriate areas based on location, themes, exhibit and room design.

Directions and description: In general, the tour will follow a loosely defined route through the exhibit space with the idea that a user may move independently and encounter content “out of order.” Each zone will include an orientation to content available in the zone and the listener will select from a menu of audio described tour content.

Text: All interpretive information will come from the exhibits. Content priority will be given to the exhibit’s most important information, generally found in towards the top of the panels in the largest font.

Length: Total estimated script length

- Current estimate is 20-22 menu items, including submenu items in order to keep individual track lengths reasonably short. Some items may be further divided if segments get too long. However, based on the exhibit text content here, we don't see that as an issue.

Total tour length as well as length of individual tour stops should support the overall project goals and visitor type, specifically:

- *Explorer's looking to browse and connect to their interests* (e.g., visitors with visual impairments should have the same opportunity to scan and select content as their sighted peers)
- *Seek out highlights and main points, rather than focus on reading every graphic panel* (e.g. generous use of sub-menus with short segments of text)
- *Need help answering basic questions in easy to find locations* (e.g., overview and orientation information should be prioritized first in each location and zone)
- *Engage with interactives that spark their curiosity* (e.g., provide ample description of all tactile and experiential opportunities.)

Effort will be made to keep individual tour segments as short as possible while still conveying adequate description and panel text.

NOTE: There are currently NO digital displays incorporated into these exhibits. However, if that changes in subsequent designs, such elements could not include synchronous description due to a limitation of the audio description app. If such audio description were desired, another technology (out of scope) would need to be added.

TOUR OUTLINE NOTES

Design Development 3 production plan: This production plan is developed based on information provided in the site plan Design Development 2, October 10, 2023. Per the design team, these plans will be updated slightly for the DD3 deliverable, however no substantial changes in exhibit component locations are occurring for DD3. We anticipate minimal, if any additional changes.

Order and grouping: The titles and list order may change as the project proceeds and again AFTER the draft script read-through. The current order is suggested, not required.

Beacon vs manual selection: This production plan assumes that the Park is using the ADT IEM app WITH beacon triggers, though it isn't required. Should the tour not require beacons and prefer visitors to manually select items from the menu, the production plan structure can remain the same, and the term "beacon" can be replaced with "area", "zone" or some other identifying term.

If beacons are to be used, we follow previous NPS guidelines and recommend one of the following, (qty 8, 6+2 spares):

- Accent Systems iBKS 105 or equal
- Blue Charm BC08-MultiBeacon w/Motion Sensor

NOTE re placement: Beacons are battery powered which makes installation/placement very flexible. All to be determined and verified at installation site visit.

- Convento: recommended placement along lighting rack system
- Tufa House: recommended location on supports behind metal grid system Footsteps of Our Ancestors
- Wayfinding Station exterior: recommended on or below covered shelter.

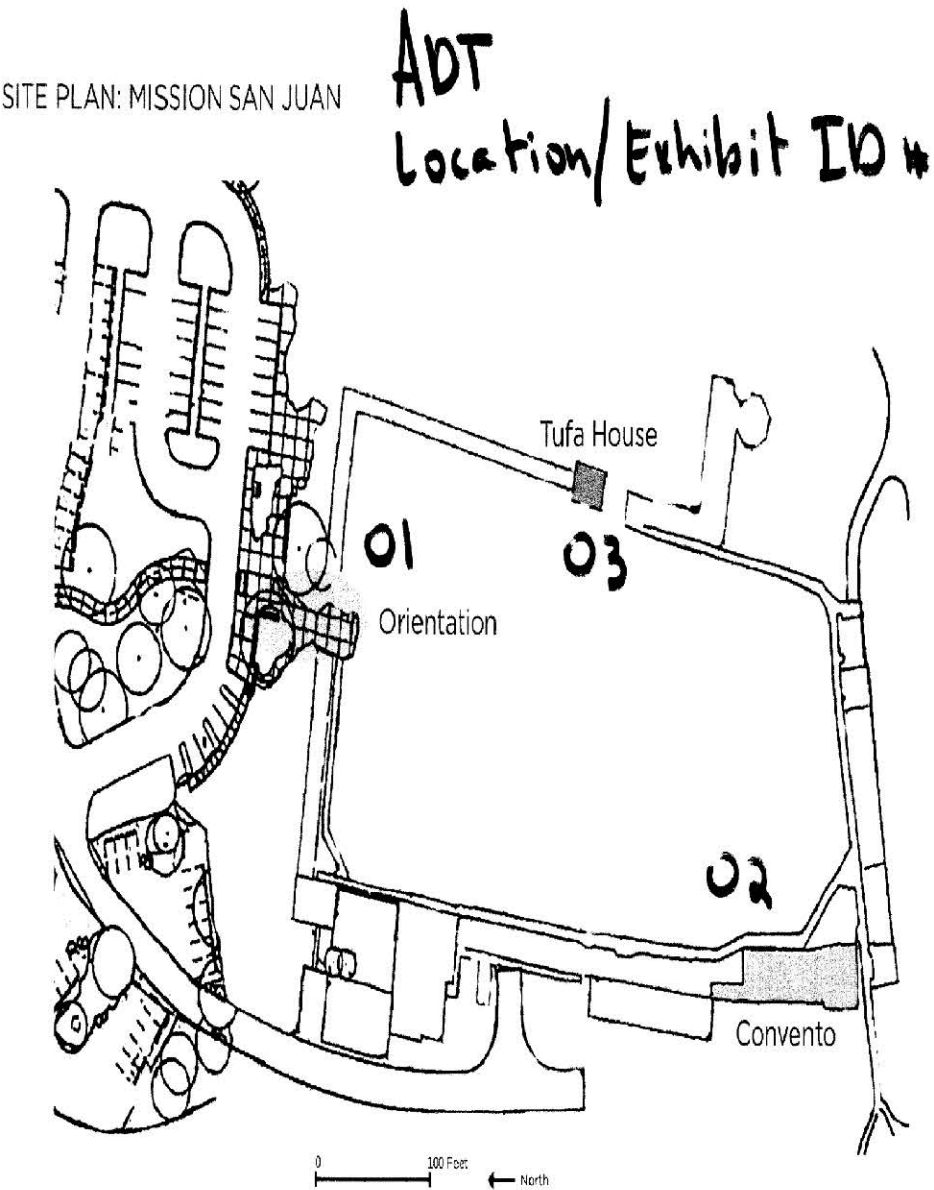
Location ID# vs. beacon #: The NPS ADT-IEM app uses various spreadsheets to organize content. Per the instructions provided by the NPS, separate locations are identified within the spreadsheets and separated by location ID, referred to in the spreadsheet as "exhibits." (spreadsheet IEM_v2_Exhibits.xlsx). Beacon #s refer to the individual beacons within each location so each location ID will have its own set of beacon #s.

For example:

- Site Orientation / Wayfinding Station: location ID# 01, beacon #1
- Convento: location ID# 02, beacons #1-4
- Tufo House: location ID# 03, beacon #1

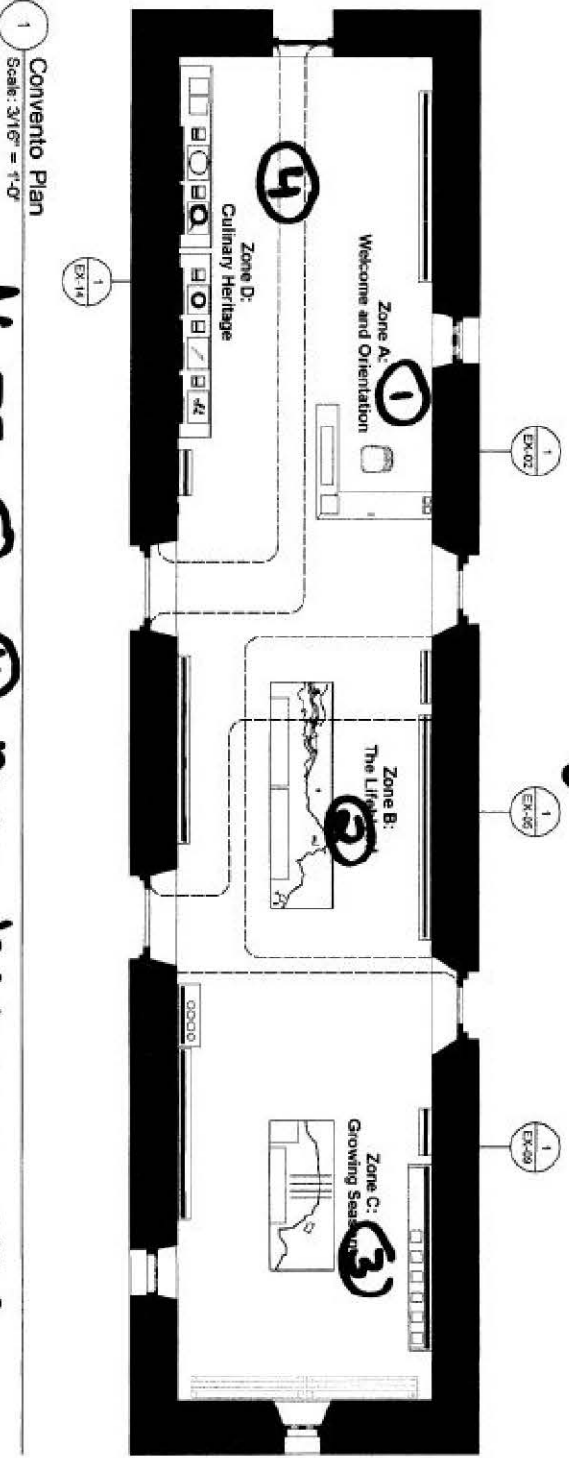
English / Spanish: At the time of this writing, we have been informed the audio described tour will be in English only.

LAYOUT / LOCATIONS



77 SAN ANTONIO MISSIONS NATIONAL HISTORICAL PARK MISSION SAN JUAN (Design Development)

100 Feet



NOTE: ① + ④ may become one beacon trigger. TBD at draft script review.

EX-01

TOUR OUTLINE

[0] Tour App Instructions

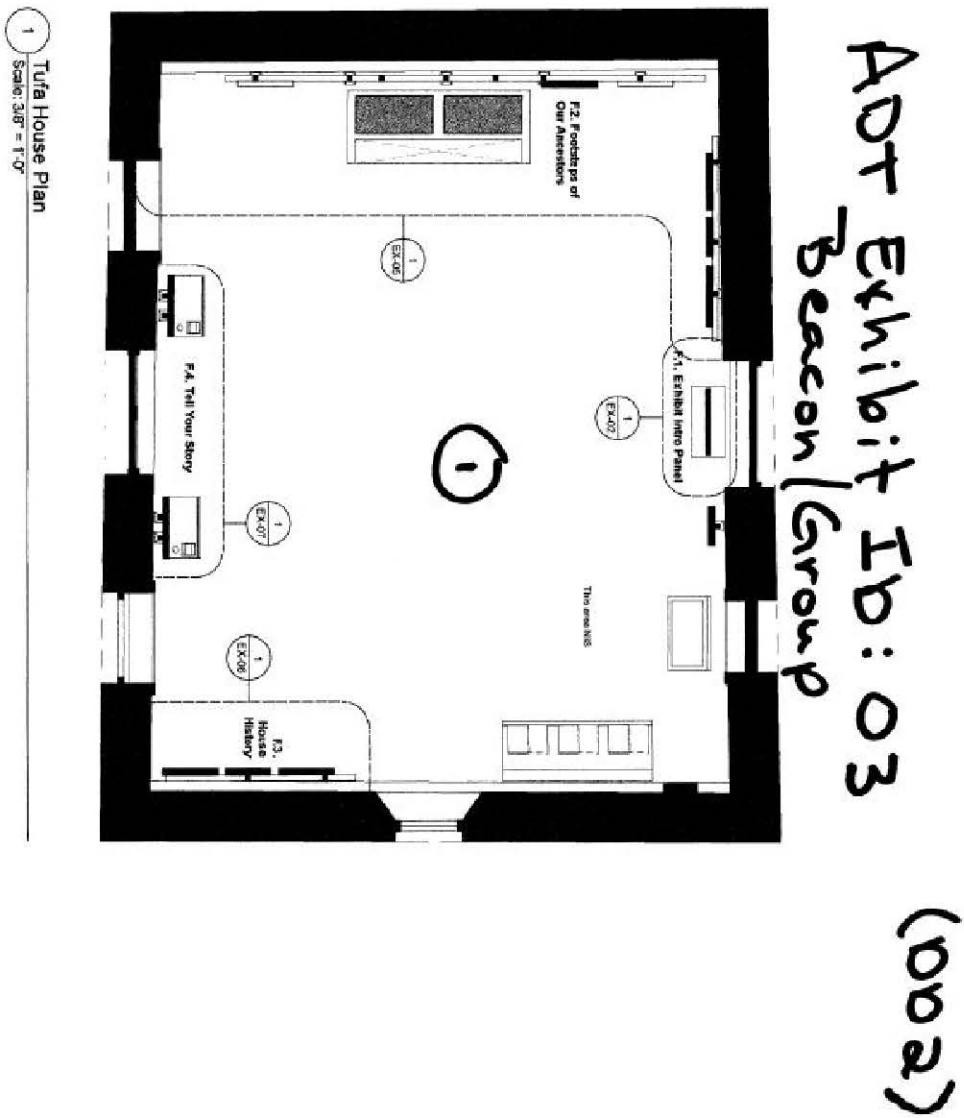
Instructions: ____ words. ____ segments/paragraphs

Welcome to San Antonio National Historical Park. Thank you for visiting.

[SUGGESTED TEXT. MODIFY AS NEEDED]

The audio description at the [_____]is divided into specific areas using beacon hotspots. As you move through the exhibit spaces and various buildings, areas will change by proximity to the beacons, with the nearest exhibit rising to the top of the list displayed on your device. As you near each beacon, your device will vibrate. Selecting an area gives you a list of menu items. The first item will be an overview of the area. The other menu options offer details on the exhibits in that area. You may select an area at any time regardless of proximity. If you enter a different area while listening to an overview or menu item, your device will vibrate, but you may continue listening to the current description. Most of the descriptions are longer than a single screen so continue to scroll down until you hear the phrase "End of Description" if you wish to hear the full description. Once you are done listening to the audio description in a specific area, navigate back to the main list of areas by selecting the arrow in the upper left corner.

End of description.



EXTERIOR WAYFINDING STATION. IEM Exhibit ID 01

[Beacon 1] Experience Mission San Juan / Wayfinding Station
Site Orientation. [] words. [] segments/paragraphs.

- Describe overview of area in general terms

- Area includes:
- Tactile map (CE-06-01-01; CE-06-01-02)

Zone Menu
NOTE: Depending on complexity, this beacon may have 1 or 2 submenu items.

CONVENTO. IEM Exhibit ID 02

[Beacon 1] Welcome and Orientation Overview
Overview. [] words. [] segments/paragraphs.

- Describe overview of area in general terms

Zone Menu
Welcome panel (GL-01-01 and CE-01-02)
[] words. [] segments/paragraphs

The Story Begins (GL-02-04)
[] words. [] segments/paragraphs

Experience Mission San Juan (GL-02-01)
[] words. [] segments/paragraphs

[Beacon 2] The Lifeblood Plan
Overview. [] words. [] segments/paragraphs.

- Describe overview of area in general terms

Zone Menu
San Antonio River Table (CE-03-01)
[] words. [] segments/paragraphs

- Area includes:
- Here First
 - More Than a Mission

River Wildlife Mural (GL-03-02)
[] words. [] segments/paragraphs

[Beacon 3] Growing Season
Overview. [] words. [] segments/paragraphs.

Describe overview of area in general terms

Zone Menu

Zone Introduction Panel (GL-04-011)

[] words. [] segments/paragraphs

Indigenous Plant Knowledge Illustrated Mural (GL-04-02)

[] words. [] segments/paragraphs

Area includes:

- o GL-04-02-07
- o CE-04-02-01
- o CE-04-02-02
- o CE-04-02-03
- o CE-04-02-04
- o CE-04-02-05
- o CE-04-02-06

Acequia Table (CE-04-03)

[] words. [] segments/paragraphs

Area includes:

- o Acequia Table

Food Security (C.4)

[] words. [] segments/paragraphs

Growing Season Plan (C.4)

[] words. [] segments/paragraphs

Area includes:

- Crop Yields in San Juan Capistrano (CE-04-04)

[Beacon 4] Culinary Heritage

Overview. [] words. [] segments/paragraphs.

Describe overview of area in general terms

Zone Menu

You Are What You Eat Culinary Heritage Intro Panel (GL-05-01)

NOTE: The following may each be their own submenu item in the app or grouped.

Area includes:

- GL-05-02 Barbacoa (Beef la Carne de Vaca), Pick your Taco Filling and Topping, 4 rubber block stamps
- GL-05-03 Polvorones (Pecan Nuez pecana), Cook your tortilla on the Comal, Comal with sound feature
- GL-05-04 Posole Rojo, Pozole Press your mass into a tortilla press
- GL-05-05 Nopales and Eggs (Nopales), Choose your Masa Ingredient balls of play dough in jars
- GL-05-06 Atole with Masa Harina (Corn)

TUFO HOUSE. IEM Exhibit ID 03

[Beacon 1] Tufo House Overview

Overview. [] words. [] segments/paragraphs.

Describe overview of area in general terms

NOTE: Area to right of entrance door is identified on plan as “This area NIS.” Will need to be included in some way on AD tour. Content TBD at draft script read-thru.

Zone Menu

Footsteps of Our Ancestors / Intro Panel

[] words. [] segments/paragraphs

Footsteps of Our Ancestors

[] words. [] segments/paragraphs

Area includes:

- GL-07-02 Grid system (This section will be grouped into subheadings to limit length of individual tracks
- CA-07-02 Community-curated casework

Tell Your Story

[] words. [] segments/paragraphs

Area includes:

- Message boards

House History

[] words. [] segments/paragraphs

COST ESTIMATE

United States Department of the Interior
National Park Service
Class B Construction Cost Estimate

PROJECT COST SUMMARY

Project: Mission San Juan Contact Station & Tufa House
Park: San Antonio National Missions Park
Park Alpha: SAAN

Estimate By: D. Parker
Date: 12/15/23
Reviewed By: S. Kirk
Date: 12/15/23

Item No.	WBS	Description	Material Cost/Unit	Total Material Cost	Installation Cost/Unit	Total Install Cost	Direct Cost/Unit	Total Direct Costs
		Convento		\$ 118,729		\$ 77,724.00		\$ 196,653
		Zone E - Outside		\$ 15,000		\$ 11,600.00		\$ 26,600
		Tufa		\$ 20,514		\$ 12,399.50		\$ 32,914
Subtotal Direct Construction Costs			\$ -	\$ 154,244	\$ -	\$ 101,724	\$ -	\$ 256,167
Total Value of Government Furnished Property (GFP) Included in Direct Costs				\$0.00		\$ -	\$ -	\$0
Total Estimated NET Cost of Construction								\$256,167

GFP costs are only used when the Government pre-purchases items, or provides other materials out of Government inventory, to be installed by contractor. Adjustments and Markup on GFP only include Inflation Escalation; No other adjustment factors or O&P markup have been applied.

LIFE CYCLE COST ANALYSIS (LCCA)						
San Antonio Missions National Historic Park						DD3
Life Cycle = 20 Years						
INITIAL COSTS		Quantity	UM	Cost		Estimate
Zone A-D	Convento	1	LS	\$	196,653.38	196,653
Zone E	Orientation	1	LS	\$	26,600.00	26,600
Zone F	Tufa	1	LS	\$	32,913.75	32,914
Total Initial Cost						256,167
ANNUAL COSTS						
		SF	Cost			
Zone A-D	Energy Costs	1,034	\$3.50		3,618	
Zone E	Energy Costs	-	\$0.00		0	
Zone F	Energy Costs	387	\$3.50		1,354	
		Hours	Rate/ hr.			
Zone A-D	Cleaning & Maint.	240	\$40.00		9,600	
Zone E	Cleaning & Maint.	40	\$40.00		1,600	
Zone F	Cleaning & Maint.	100	\$40.00		4,000	
Total Annual Costs (Present Worth)						20,172
Annual Cost x 20 years						403,439
Total Life Cycle Costs (Over 20 years)						659,606