PALMER HOUSE EXHIBITS

Final Design Development (100%)

July 26, 2023

The following pages have been removed
purposefully from this document:
3, 21, 28, 29, 37, 38, and 90.
The final page number is 93.



106GROUP

Connecting People + Place + Time

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INTRODUCTION

BACKGROUND

The Great Smoky Mountains Association (GSMA), in partnership with the National Park Service (NPS), has contracted 106 Group for exhibit design and development services for the Jarvis Palmer House (Palmer House), a historic house and farmstead in Cataloochee Valley in Great Smoky Mountains National Park (GRSM). GRSM is the most visited, and one of the most beloved, national parks in the NPS system. Cataloochee is one of the most remote locations in the park, rich in natural beauty as well as cultural and historical significance. It consists of three narrow valleys: Big Cataloochee, Little Cataloochee, and Caldwell Fork.

The place now called Cataloochee is part of the Cherokee ancestral homelands in the southern Appalachians. From the 1830s to the 1930s, it was the location of a tight-knit farming community. Since the 1930s, it has been part of GRSM. A number of houses, outbuildings, other historic structures, and other features of the historic landscape remain from the farms that once prospered here.

The current project scope is for the design of interior and exterior exhibits for the Palmer House site in Big Cataloochee. The Palmer farmstead, however, is part of an interconnected group of sites with a shared history, ecology, and audience. The GSMA and NPS hope to add interpretive exhibits to other Cataloochee sites in the future. There also are existing outdoor wayside exhibits in other nearby locations that might be updated in the future.

To visitors, all of these places are part of one Cataloochee experience. To support long-range planning for the valley, the Palmer House should be considered in its larger interpretive context rather than as an isolated site.

To serve long-range planning, the Foundations included in this document apply to Cataloochee Valley as a whole. Design Development, on the other hand, is specific to the Palmer House. Design Development does feature exhibit forms and media that can be adapted to other related sites. This will help create a cohesive visitor experience, even as interpretive planning and exhibit development for the rest of Cataloochee proceeds in phases.

PRESERVATION COMPLIANCE

This project aims to develop exhibits that preserve the park's historic resources while also providing an engaging interpretive experience for visitors. The proposed exhibit design will be reviewed for compliance with state and federal guidelines for the preservation of historic properties. Research conducted thus far has included review of existing historic resource documentation, including:

- Historic Resource Study for GRSM (2016)
- Multiple Property Documentation Form for GRSM (2016)
- Cultural Landscape Report for Cataloochee Historic District (2000)
- Multiple Property Documentation Form for Cataloochee Historic District (1992)
- Draft Historic Structure Report for the Jarvis Palmer House (undated)
- NPS List of Classified Structures for GRSM

The 2016 Historic Resource Study for GRSM recommended that the Cataloochee area be considered eligible for listing on the National Register of Historic Places (NRHP) as the Cataloochee Historic District, within the settlement/agricultural community, architectural, and recreation and tourism contexts.

Building on this recommendation and the 2016 Multiple Property Documentation Form for GRSM, in January 2022, an NRHP nomination form was completed for the Cataloochee Historic District, with the period of eligibility ending in 1926. The nomination identifies the following resources on the Palmer House site as contributing resources for eligibility: the house, barn, blacksmith shop, spring house, remaining tourist cabin, and trace historic road (Old Cataloochee Road) that runs along the northeast boundary.

The exhibit design incorporates historic preservation considerations into the placement, content, and form of proposed exhibits on the Palmer House site. The following sections highight aspects of the design that support preservation of the historic landscape and structures on site, while contributing to visitor understanding of the site through interpretive exhibits.

Interpretive Time Period

Most of the exhibits focus on the time period 1839-1938. This period aligns closely with the period of significance identified in the NRHP nomination for the Cataloochee Historic District.

Interpretive Messaging

The interpretive messaging developed for the entire Cataloochee Valley aligns closely with the historic contexts and evaluation of historic resources in the historic resource documentation listed above.

The themes and topics included in the interpretive messaging emphasize aspects of Cataloochee history that the documentation highlights as significant within an NRHP preservation context. These include:

- The agricultural associations and historic period functions of existing structures and landscape features
- How the site demonstrates the cultural geography of a Southern Appalachian farmstead
- The growth, expansion, and prosperity of the Palmer farm and tourism business over time
- The building improvements and evolving technologies evident in existing structures

Exhibit Features

Preservation considerations have been factored into a number of design and content choices.

Minimize Impacts to House Interior

- No exhibits on the second floor
- Concentrate the most substantial exhibits in the 1920s addition, on the wall in the historic kitchen where the current exhibits are located (PG zone) and on the wall in the historic dining room that was added by the NPS between 1939-1941, after the period of historical significance (TD zone)
- Limited, low-impact exhibits in the other first-floor rooms
- Free-standing constructions attached to the floors rather than the walls
- Graphic panels attached to the free-standing constructions rather than the walls where possible
- Removable vinyl graphics applied to selected windows

Highlight Evolution of Building Materials

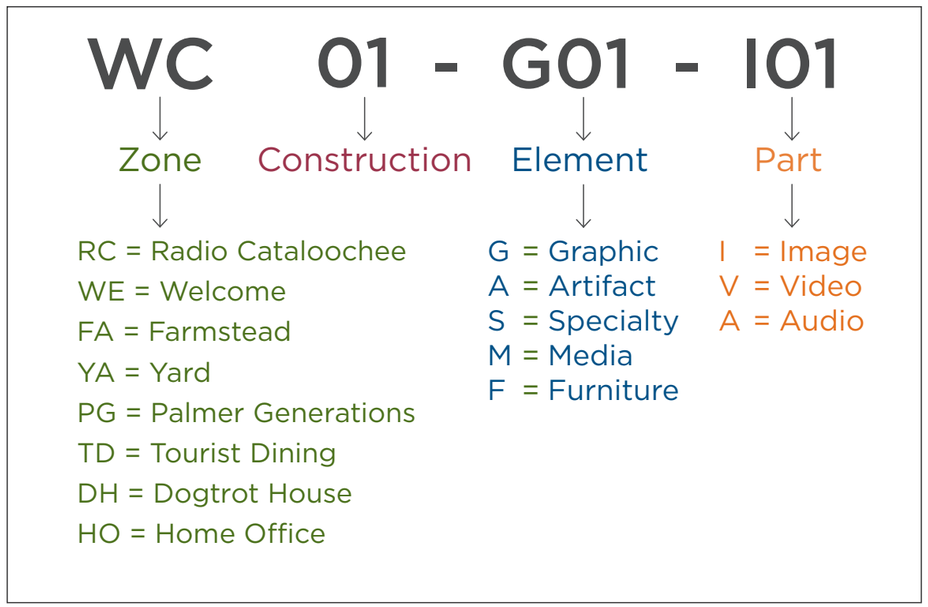
- Interior exhibits draw attention to the various building materials and finishes visible on the walls
- Interior exhibits can help mitigate adverse effects caused by installation by revealing the story the structure tells about its evolution over time
- Exhibits highlight structural improvements and changing building technologies

Reveal the Historic Landscape

- Exhibits help visitors imagine the Cataloochee settlement at the height of its extent and prosperity
- Exhibits highlight features emphasized in the preservation documentation as essential elements of the historic landscape, including the extent of cleared acreage; fenced yards; vegetable garden, orchards, and tilled fields
- An exhibit focuses on the historic trace road on the site's northern border

COMPONENT NUMBERING SYSTEM

Because this is now a technical document, it addresses each interpretive element that will be constructed or produced under the exhibits project. They are tracked with a three or four part number in the format shown. The majority of this document is built around these numbers.



ZONE

Zone refers to a specific interpretive space. Each Zone is represented by a two-letter code related to the Zone's informal title.

CONSTRUCTION

Construction is an interpretive piece built or conceptualized as a unit (an exhibit); it is made up of Elements and Parts. A Construction may be as simple as a single wall-mounted panel or as complicated as a diorama with multiple components (Elements and Parts). Each Construction is represented by a two-digit number attached to the zone code.

Examples:

- RC01
- DH04

ELEMENT

Elements are physical pieces associated with a Construction. Each Element is represented by a capital letter denoting the type of Element, followed by a two-digit number. These are five elements that may be part of a construction component:

- **GRAPHIC (G):**
  A graphic panel or other printed physical element.
- **Artifact (A):**
  Includes artifacts as well as props or other purchased or loaned items.
- **Specialty (S):**
  Dioramas, mechanical interactives, and other unique items.
- **Media (M):**
  A/V equipment and programming.
- **Furniture (F):**
  Custom furnishings, usually holding other elements.

Examples:

- FA01-G01
- TD04-S04

PART

Parts are non-physical items that need an Element to exist.

- **Image (I):**
  Require a Graphic or Media Element to be seen.
- **Video (V):**
  Requires a Media Element to be seen.
- **Audio (A):**
  Requires a Media Element to be heard.

Examples:

- YA02-G03-I01 (the first image file that will belong on the third graphic panel on the second construction in the WE zone.)
- DH09-M02-V01 (a video clip we've identified by this number. It belongs in the second media piece in the TP zone's construction identified as number 09.)
- DH09-M02-A02 (An audio track that is mixed into the same Media piece as DA09-M02-V01.)

FOUNDATIONS

PROJECT FOUNDATIONS

The project team has built solid foundations for this project by working together to answer five core questions:

- Why are we creating interpretive exhibits?
- Who are the exhibits for?
- Where do we stand?
- What is the interpretive experience about?
- What kind of experience will this be?

Answering these questions provides a firm base for the project to stand on. While exhibit details will evolve, the foundations should not change. Note that these foundations apply to Cataloochee Valley as a whole. This supports future interpretive planning and exhibit development for other sites in the future.

WHY ARE WE CREATING INTERPRETIVE EXHIBITS?

Answering this question generates two goal statements:

The **operational goal** articulates what the GSMA and the NPS want to accomplish through development of exhibits in the valley.

The **visitor experience goal** identifies what the GSMA and GRSM want visitors to experience and what they should take away from their Cataloochee experience.

Operational Goal

The exhibits will interpret the human stories of Cataloochee Valley in order to recognize the valley's historical communities, strengthen stewardship of its environment, encourage visitors to value this place, and inspire them to treat it with respect. These exhibits will introduce and orient visitors to the layers of cultural and natural history that exist here and in the neighboring valleys.

Visitor Experience Goal

Visitors will better understand the lives of the people who have dwelt in Cataloochee Valley, the relationships they built with this place, and the meanings it holds for those who remain connected to it. They also will find connections between their own lives and the stories of those who dwelt here. Through this experience, visitors will better appreciate the valley's diverse heritage and sustaining landscape.

WHO ARE THE EXHIBITS FOR?

Who will the exhibits serve, and who is invested in what they become? Answering this question identifies the exhibits' visitors as well as the project's stakeholders.

Past/Current Visitors (as of 2018)

- Before elk restoration: 70,000 per year
- At elk restoration (2001-2002): 300,000 per year
- Now back to 100,000+ per year

At least half of these have been returning visitors, many of whom have a strong sense of connection to and ownership of this place. Returning visitors include locals and descendants who visit frequently, as well as others from farther away, for whom camping here has become a tradition. For them, this is a beloved place that they return to occasionally.

Target Visitors

- DESCENDANTS of those whose ancestors dwelt in the Cataloochee Valley and neighboring valleys, from pre-European Indigenous communities through the last residents displaced in the 1930s
- RETURNING VISITORS, including descendants, area residents, and campers who come from a distance
- FIRST-TIME VISITORS, many of whom will only visit this place once
- More DIVERSE AUDIENCES, including those from racial, ethnic, and socioeconomic groups that have been underrepresented among GRSM visitors
- Visitors representing MULTIPLE GENERATIONS, including multi-generational families with children
- Visitors coming to see the ELK, who were not drawn to this place because of the cultural history but will encounter it during their visit

Stakeholders

- Descendants of former Cataloochee residents
- The Eastern Band of Cherokee Indians
- NPS
- GSMA
- Friends of Great Smoky Mountains National Park (FOTS)
- People living near Cataloochee Valley



WHERE DO WE STAND?

Answering this question identifies the challenges to meeting the project's goals as well as the opportunities that currently exist. It also identifies the resources that can help overcome the challenges and maximize the opportunities.

CHALLENGES

- Remoteness
- Lack of NPS ranger presence/security
- Vandalism and theft
- Inability to repair damaged structures or items with any regularity
- Animal damage
- Lack of facilities and visitor amenities (no food, limited water, electricity limited to the campground and the Palmer House)
- Unreliable electricity at the Palmer House
- No cell service
- Seasonal access barriers (the pass is sometimes closed by winter snows)
- Longstanding frustration among some descendants of those relocated during the creation of GRSM, regarding both the circumstances of removal and the delays in implementing interpretation about the Cataloochee Valley communities

OPPORTUNITIES

- Visitors are, in the words of Steve Kemp, "hungry for interpretation;" those who don't know the history are curious about what they're seeing on the landscape, and descendants want their ancestors' stories told
- The reintroduced elk consistently draw people to visit the park, providing opportunities to also engage them with interpretation of the cultural history
- There are many returning visitors who love the valley and support its preservation
- NPS and GSMA commitment to moving forward with implementation of interpretive exhibits
- NPS and GSMA commitment to inclusive interpretation of all the valley's human inhabitants and communities
- NPS and GSMA commitment to collaboration with Cherokee citizens and knowledge keepers to include Indigenous histories and perspectives in site interpretation
- Available and potential funding through partnership among the GSMA, NPS, and FOTS

RESOURCES

Site Resources and Features

- Historic structures
- Complete, ancient ecosystem and old-growth forest (with champion trees)
- Beautiful, varied landscape: mountains, valleys, rivers, streams
- Elk that have been reintroduced to GRSM
- Recreational opportunities (hiking, backcountry camping, fishing, horseback riding)
- Remoteness, peacefulness, and solitude
- Visitor commitment: People have invested time and effort to come here

Informational Resources

- Descendants of past resident communities
  - Some descendants likely have primary sources in their possession such as photographs, diaries, and letters, which the GSMA might be able to scan and share
- Publications on Cataloochee Valley and GRSM history, including:
  - Cataloochee, Lost Settlement of the Smokies: The History, Social Customs, and Natural History by Elizabeth D. Powers (1982)
  - Reflections of Cataloochee Valley and its Vanished People in the Great Smoky Mountains by Hattie Caldwell Davis (1999)
  - Transcript of "Cataloochee: Life in a Remote Mountain Valley" presentation (1981)
- The GRSM holds extensive collections of images, maps, oral histories, and other primary sources, including:
  - Mark Hannah's journals
  - Photographs of historic structures from the 1930s
- NPS reports and publications, including:
  - African American Experience Project Resource Brief for GRSM
  - NRHP Multiple Property Documentation Form for GRSM (2016)
  - Draft Cultural Landscape Report for the Cataloochee Historic District (2000)
  - Archaeological Investigations Report for Cataloochee Valley
  - Draft Historic Structures Report for the Palmer House complex
  - Historic Structures Reports for other Cataloochee structures
  - Cataloochee Development Concept Plan



WHAT IS THE INTERPRETIVE EXPERIENCE ABOUT?

Answering this question identifies the core messages the exhibits will communicate to visitors. To focus and structure the messaging, we use the following framework:

Big Idea > Interpretive Themes > Interpretive Topics

The Interpretive Messaging outlined in this section applies to the Cataloochee Valley as a whole. It also supports the NPS Interpretive Themes for GRSM:

- Diversity and Abundance
- Continuum of Human Heritage
- Scenic Beauty
- Visitor Experience and Engagement
- Caring for the Gift

Big Idea: Cataloochee Valley

A big idea is the main message or core idea that we want visitors to encounter, absorb, and take away from their Cataloochee Valley experience. It might not be stated explicitly anywhere in the exhibits, but it should pervade the interpretive experience.

The term "big idea" comes from museum professional Beverly Serrell.[1] It is a single sentence, a statement that is crafted to "clarify, focus, and define" what the exhibit is about. It also answers the "so what?" question of why the exhibit matters. As Serrell writes, "A big idea is big because it has fundamental meaningfulness that is important to human nature. It is not trivial."

As Serrell uses it, a big idea is written primarily to focus the work of the exhibit development team. A well-crafted statement, however, also can provide a conceptual focus for the visitor experience. Our big idea for Cataloochee Valley serves both these purposes.

The Big Idea for Cataloochee Valley

Across many generations, the people of Cataloochee Valley have formed ***dynamic communities and enduring connections***—to the land, to each other, and to the wider world.

1. The Big Idea: Getting to an Exhibition's Big Idea (eBook, 2020) https://serrellassociates.com/store/big-idea-ebook

Interpretive Themes: Cataloochee Valley

The themes are interpretive threads, spun from the big idea, that weave through the exhibits. Each theme will be expressed in multiple places, and any place will communicate multiple themes. Like the big idea, they might not be stated explicitly, but they pervade the visitor experience.

Each theme has two parts: a broad concept that is fundamental to the human experience, and a statement that grounds it in Cataloochee Valley history.

Communities. Over thousands of years, diverse groups of people have formed communities here. Each community has built lasting connections to this valley.

Connections. Though this place seems geographically isolated, its people always have been connected to other communities and other places.

Ecology. Human, plant, and animal communities have developed interdependent relationships here, shaped by the valley's particular geography.

Economies. Cataloochee communities have used both local resources and regional economic networks to survive and thrive.

Change Over Time. While the buildings might seem frozen in time, the history of Cataloochee is characterized by transformation, adaptation, and change.

Interpretive Topics: Cataloochee Valley

Topics are the more specific subjects that visitors will engage with and learn about. They connect visitors to the themes by giving them structure and creating patterns of experience across the site. Each topic connects to a theme, and all the topics relate to and communicate the big idea.

The interpretive topics anticipate visitors' questions as they experience the site, interact with the environment, and wonder how it relates to their own lives. Visitors' questions might include:

- Who lived here?
- How did people live here?
- What happened to the people who lived here?
- Who belongs to this place?
- What is my connection to this place?
- How have people affected this place?
- What is my responsibility to this place?
- What do the things I see here tell me about the past?

Topics frame the stories that individual exhibits will tell. Within any one topic, multiple stories could be told. While the topics run across the Cataloochee experience, the stories relate to particular places and connect visitors to their immediate environment.

Communities

- Cherokee Tribe and their Indigenous ancestors
- European American settlers and their descendents
- African American residents and their descendents
- GRSM visitors
- Enduring relationships to this place

Connections

- Interconnected Cherokee places
- Connected Cataloochee settlements
- Movement in and out of Cataloochee
- Connection to national and regional history

Ecology

- Human/nature interrelationship
- Revitalization of Cherokee relationships to place

Economies

- Indigenous economies
- Use of local resources
- Subsistence and commercial farming and tourism
- Self-sufficiency supplemented with purchased goods

Change over Time

- Seasonal cycles
- Cherokee displacement and United States expansion
- Growth and modernizing of buildings
- Population growth and decline
- Creation of GRSM and family departures

WHAT KIND OF EXPERIENCE WILL THIS BE?

Answering this question provides a set of principles to guide development of exhibits at the Palmer House and elsewhere in the Cataloochee Valley.

The Palmer House exhibits will be ...

Interpretive

As Freeman Tilden expressed in his six principles of interpretation, "Interpretation is revelation based upon information" rather than information itself.[1] The exhibits are designed to help visitors find meaning, rather than provide them with facts.

Relevant

The exhibits need to be relevant and engaging to non-experts and to diverse demographics. Visitors need to be able to relate the site and its story to their own lives.

Provocative and Poetic

As expressed in another of Tilden's six principles, "The chief aim of Interpretation is not instruction, but provocation."[2] Rather than providing a lecture or a lesson, the exhibits will raise questions, spark curiosity, engage imaginations, and reveal new perspectives. Be poetic (visually, aurally, texturally) rather than didactic.

Social but Intimate

The exhibits will encourage interaction and conversation among visitors, including multigenerational families and friend groups. But they'll be designed to work well for small groups, from 2 to 12 people. Capitalize on intimate experiences (noting the many small rooms at the Palmer House), and don't worry about accommodating large groups.

Light on the Landscape

Let the exterior and interior spaces speak for themselves first. Any permanent interpretation should be easily found but should avoid distracting from the real thing.

Sustainable

Create exhibits that are sustainable in a place with minimal staff presence, open doors, resident wildlife, and persistent vandalism and theft.

Marvelous

Because of the high number of repeat visitors, the exhibits need to provide layers of experience and offer new things to search for and discover each time visitors return. The discoveries might be subtle and the delights small and quiet rather than big and splashy. The exhibits should become part of the tradition of visiting (such that people would be disappointed if they changed).



1. Interpreting our Heritage (1957)
2. Ibid.

DESIGN STYLE

COLOR PALETTE

The primary color palette draws inspiration from the wallpapers still present in the Palmer House. The palette is rich and vibrant without being too loud or energetic. Accent colors were chosen to provide visual breathing room and contrast.

Text colors were chosen to work harmoniously within the palette. Neither solid black nor white, these text colors soften the contrast between backgrounds without compromising legibility.

PANTONE 117C

PANTONE 7401C

PANTONE 330C

PANTONE 566C

PANTONE 316C

PANTONE 5455C

PANTONE 484C

PANTONE 489C

PANTONE 5777C

PANTONE 5747C

TEXT COLORS

PANTONE Warm Gray 1 C

PANTONE Black 3 C







TYPOGRAPHY

Thoughtful type selection helps effectively communicate exhibit messaging. The weight of line thicknesses contributes to legibility and readability. 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. NPS Rawlinson has an excellent x-height. In keeping with the branding standards set by the NPS, NPS Rawlinson will be the primary typeface used in the exhibit for headlines and large graphics because it is more appropriate to the time periods of the exhibits.

Using serif fonts exclusively, like NPS Rawlinson, can create an environment that feels stale and bores visitors quickly. Combining a serif with the updated feel of a sans serif font, like Frutiger, allows for flexibility and creates visual interest. Frutiger will be used for titles and captions. The serif font used by the NPS—NPS Rawlinson—can be used for quotes and large sections of body copy.

Frutiger

ABCDEFGHIJKLMNOPQRSTUVWXYZ

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

NPS Rawlinson

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

VOICE

The exhibit voice will welcome visitors in and invite them to stay for a good long visit. It will evoke the vibrant, neighborly community that once filled the valley with life while also resonating with the calm, peaceful beauty of the place.

THE VOICE WILL BE:

- Approachable
- Familiar
- Informal
- Conversational

THE TEXT WILL:

- Be rich in sensory imagery
- Use active, energetic verbs
- Tell a story, not deliver a lecture

OTHER GUIDELINES:

- Heavy use of quotations from the historic period as well as descendant communities
- Quotations will be integrated into the design style
- Accessible writing at a 6th-8th grade reading level
- Aim for < 80 words in main text blocks on waysides; < 60 on interior exhibits

We assess text for readability using Hemingway Editor (https://hemingwayapp.com/).



GRAPHICS AND TYPICALS

EXTERIOR WAYSIDE

Exterior waysides will follow the NPS unigrid system to ensure cohesion of graphics with others found in GRSM.

SIZE:

42" x 24" or 36" x 48"

DESCRIPTION:

Powder-coated aluminum frame and base with durable outdoor grade panel material



GRAPHICS AND TYPICALS

BUILDING ID

Like other exterior wayside exhibits, building ID panels will follow the NPS unigrid system to ensure cohesion of graphics with others found in GRSM.

SIZE:

6" x 12"

DESCRIPTION:

Powder-coated aluminum single piece base with durable outdoor grade panel material



GRAPHICS AND TYPICALS

INTERIOR QUOTE/CAPTION GRAPHIC

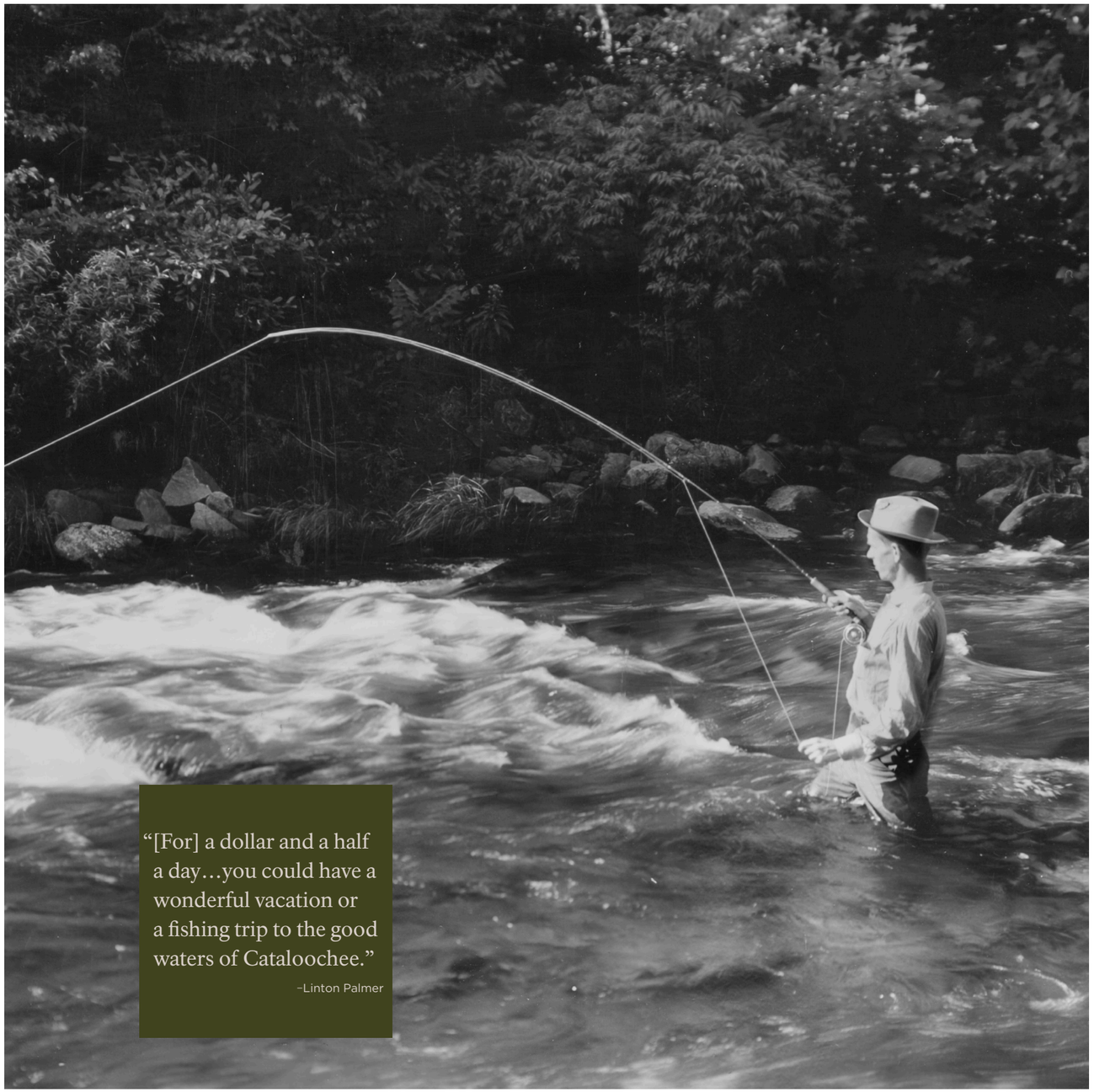
Large photos with subject-related quotes or captions allows visitors to step into the life of a Cataloochee resident.

SIZE:

60" x 60"

DESCRIPTION:

Durable outdoor grade material applied in separate layers attached to each other to form a single large graphic



GRAPHICS AND TYPICALS

OBJECT LABELS AND GRAPHICS

The interior exhibits include newly constructed, free-standing objects representing daily life in the Palmer home. Objects will be accompanied by smaller panels displaying either text or images with quotes or captions. These panels provide interpretation and context without impeding on the overall impact of the objects.

SIZE:

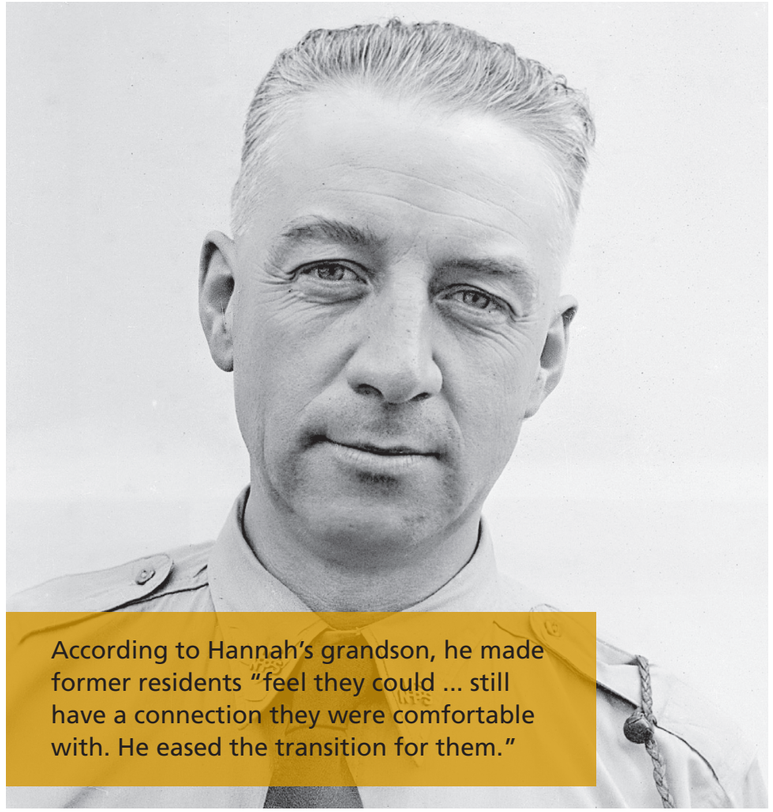
8" x 8"

DESCRIPTION:

Durable outdoor grade material applied directly to the surfaces of an object to avoid damage to historic wall surfaces.

Ranger Hannah

In the 1930s, Cataloochee transformed from a farm community to a National Park. Much was lost, yet some traditions continued. From 1943 to 1972, this house was the residence of NPS ranger Mark Hannah and his wife Verda, who both grew up in Little Cataloochee. They raised seven children here, filling the home with new family memories. Former residents came visiting in the evenings to play music on the porch.



According to Hannah's grandson, he made former residents "feel they could ... still have a connection they were comfortable with. He eased the transition for them."

GRAPHICS AND TYPICALS

LARGE GRAPHICS

Large rectangular graphic that is able to tell multiple stories or make multiple points. Text and images will be layered over a background color or graphic.

SIZE:

Varied

PRELIMINARY DESCRIPTION:

Durable outdoor grade material applied in separate layers attached to each other to form a single large graphic



GRAPHICS AND TYPICALS

WINDOW GRAPHIC

Graphics featuring line-work illustration will be applied to the interior of various windows throughout the house. Visitors looking out the window will see an illustrated historical scene superimposed on the current landscape. Illustrations will show moments in time throughout the generations of inhabitants of the Palmer House.

SIZE:

Varied

DESCRIPTION:

Durable outdoor grade cut or printed removable vinyl applied directly to window interior



Illustration style



Mock-up of illustration graphic applied to inside of window

EXHIBITS

VISITOR EXPERIENCE NARRATIVE

The Palmer House visitor experience is open-ended and variable. People might engage with only one exhibit, all the exhibits, or any number in between, in any order. Their experience might begin outside or inside the house, and they might enter the house by a number of different doors. Each exhibit, therefore, must make sense on its own while also complementing and contextualizing the others as part of a cohesive whole.

Though visitor behavior can't be controlled, exhibit placement and design can encourage people to follow a desired path. This narrative describes the envisioned experience for a multigenerational family of visitors: grandparents in their 70s, parents in their 40s, and children ages 9 and 12. The grandmother is descended from a Cataloochee farm family but doesn't know much about the family history. They all live in Atlanta, and it's their first visit to Cataloochee. It's a warm, sunny, spring morning.

THE SOUNDS OF CATALOOCHEE

Approaching from the south by car on Cataloochee Creek Road, the group sees a clearly marked parking area. As they park, the front passenger notices a sign in front of the car encouraging them to tune their radio to 88.1 to travel back in time. As they tune in, a smooth voice says, "Welcome to 88.7 'The Cat': The sounds of Cataloochee Valley. Next up, The Ambassadors will get your toes tapping," and a 1920s recording of "Charleston" starts to play. The kids groan at the old-fashioned sound, but their grandfather grins and turns up the volume. In a moment, they're all bopping to the music. They get out of the car, stretch, and look around. As their chatter dies down, they hear bird song, wind in the trees, and the bubbling rush of the creek.

CLUES TO THE PAST

Leaving the car, the group is curious about the historic buildings on the landscape. *How old are they? And what were they used for?* Wandering the farmyard, they find small signs that answer their questions. They also realize that these old buildings tell a story about how large and prosperous this farm once was. The 9-year-old sees a sculpture across the road from the house and runs over to it. *It's a corn plant! Whoa, their corn grew 15 feet tall!*

THE FULL STORY

A wayside exhibit draws the group toward the south end of the house. *Who lived here, and why did they leave?* The exhibit answers their questions and reveals that the visible structures are just a portion of the farmstead that once occupied this landscape. A bird's-eye illustration brings the busy farm back to life. The grandmother becomes pensive. She knew from family stories that her ancestors had moved away from here in the 1930s, but she didn't know why. The adults discuss how hard it must have been to leave such a thriving family farm. As they talk, the kids enjoy exploring a hands-on tactile map of the farm. *Look, they had chickens!*

FAMILY HOME

The family enters the house, grateful for the accessible ramp since the grandfather has a bad knee. The first room they visit introduces them to the generations of Palmers who resided here. As they enter, audio featuring music and radio programs from the 1920s and 1930s begins playing from a speaker in the next room. The grandmother dances to the music to make the kids laugh.

Each room in the house adds to their understanding of what it was like to live here when it was a thriving farm. They learn how the Palmers were part of a close-knit community and also connected to the wider world. They marvel at how many people lived in the house and how much it changed over time. They're impressed with the tourism business that Cataloochee landowners launched in the 1910s and 1920s to supplement their income. *These folks were successful entrepreneurs! I guess this place wasn't as isolated as it seems.* The adults are moved by the story of Cataloochee's long-time ranger Mark Hannah, how he grew up in the Valley and helped displaced residents adjust to the establishment of the Park.

MORE TO EXPLORE

At this point the family members disperse, drawn to different things on site. The grandparents go outside to rest at a picnic table; they have a long talk about past generations, the move from the farm to the city, and how things have gotten both easier and harder over time. One of the parents stays in the house to photograph all the different wallpapers; she's redecorating her home office and likes the color palette in some of the patterns. *Love the vibe of that blue.* The 12-year-old gets her sketch pad from the car and returns to the house. She sits on the porch and draws a scene from a story that the exhibits sparked in her imagination. The 9-year-old brings the mother outside to show her the corn sculpture. They take a selfie to post on Instagram. *#CataloocheeLife*

COME BACK SOON

Back at the car, the grandmother remembers hearing that there's a Cataloochee Homecoming at the Palmer Chapel every August. They discuss making a return trip to see more of the valley; maybe they could attend the gathering. After a couple of hours here, this place feels like home.

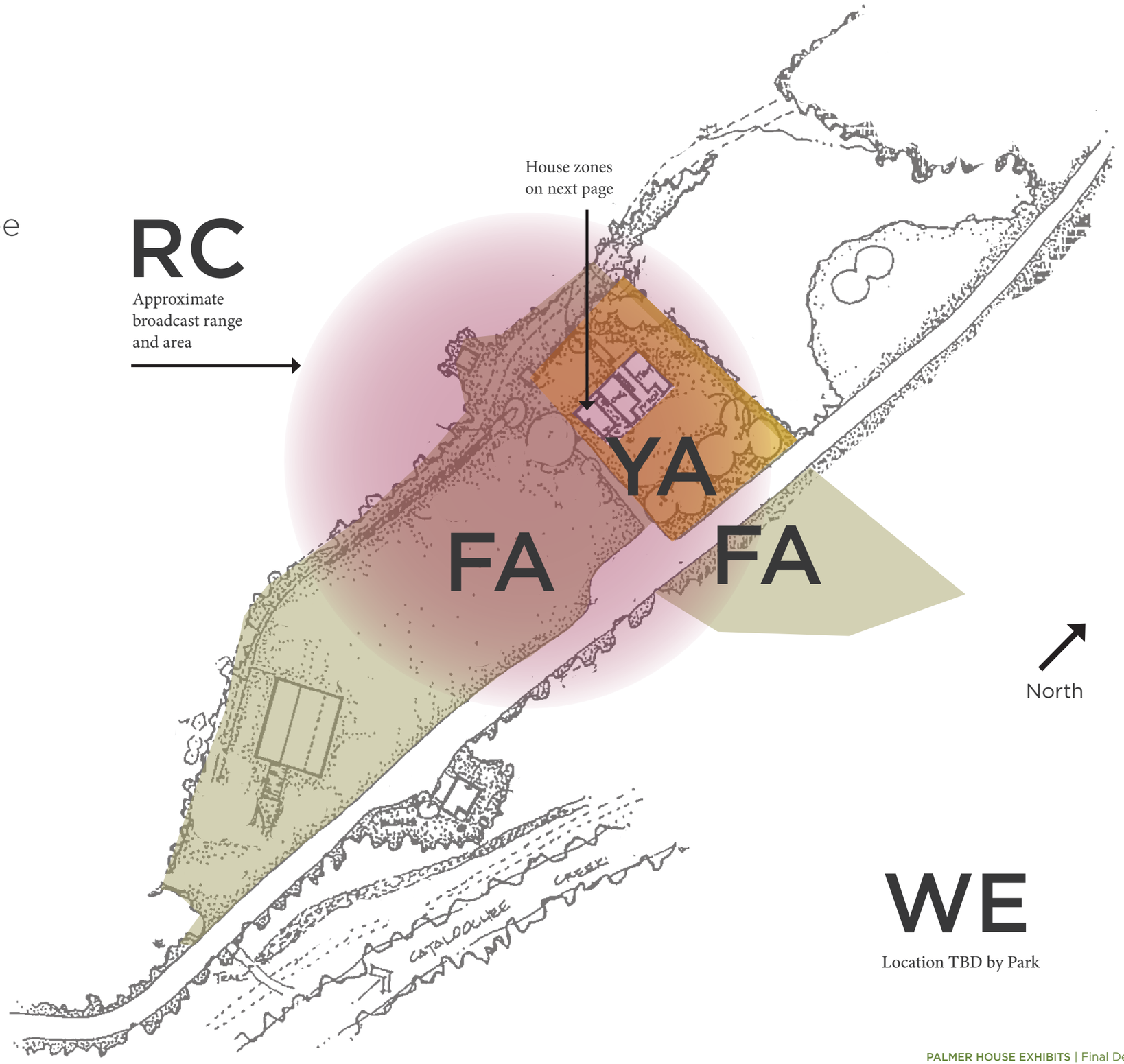
Exhibit Zones

RC	Radio Cataloochee
WE	Welcome
FA	Farmstead
YA	Yard

RC

Approximate broadcast range and area

House zones on next page



North

WE

Location TBD by Park

EXHIBIT ZONES

PALMER HOUSE

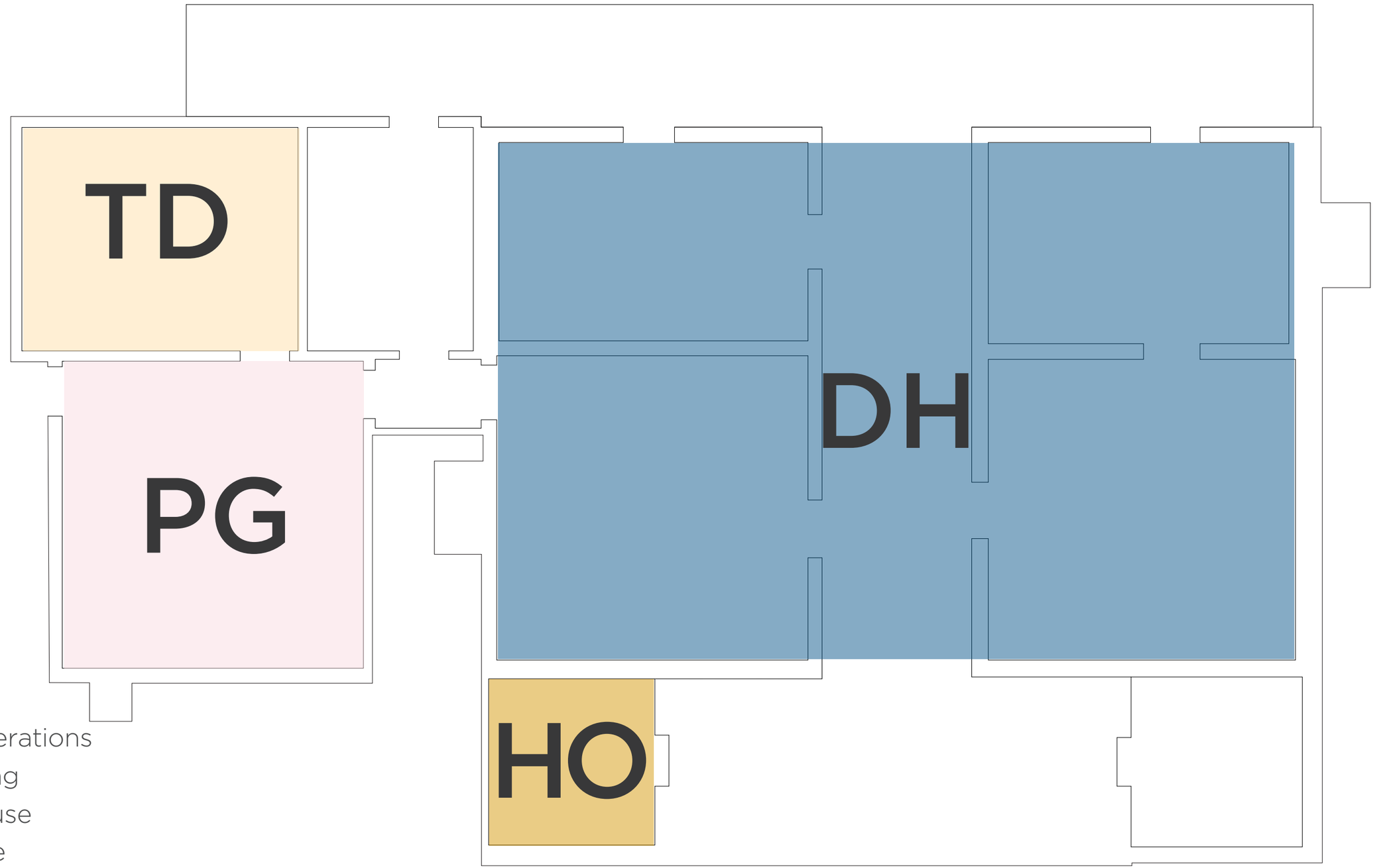


Exhibit Zones

PG Palmer Generations

TD Tourist Dining

DH Dogtrot House

HO Home Office

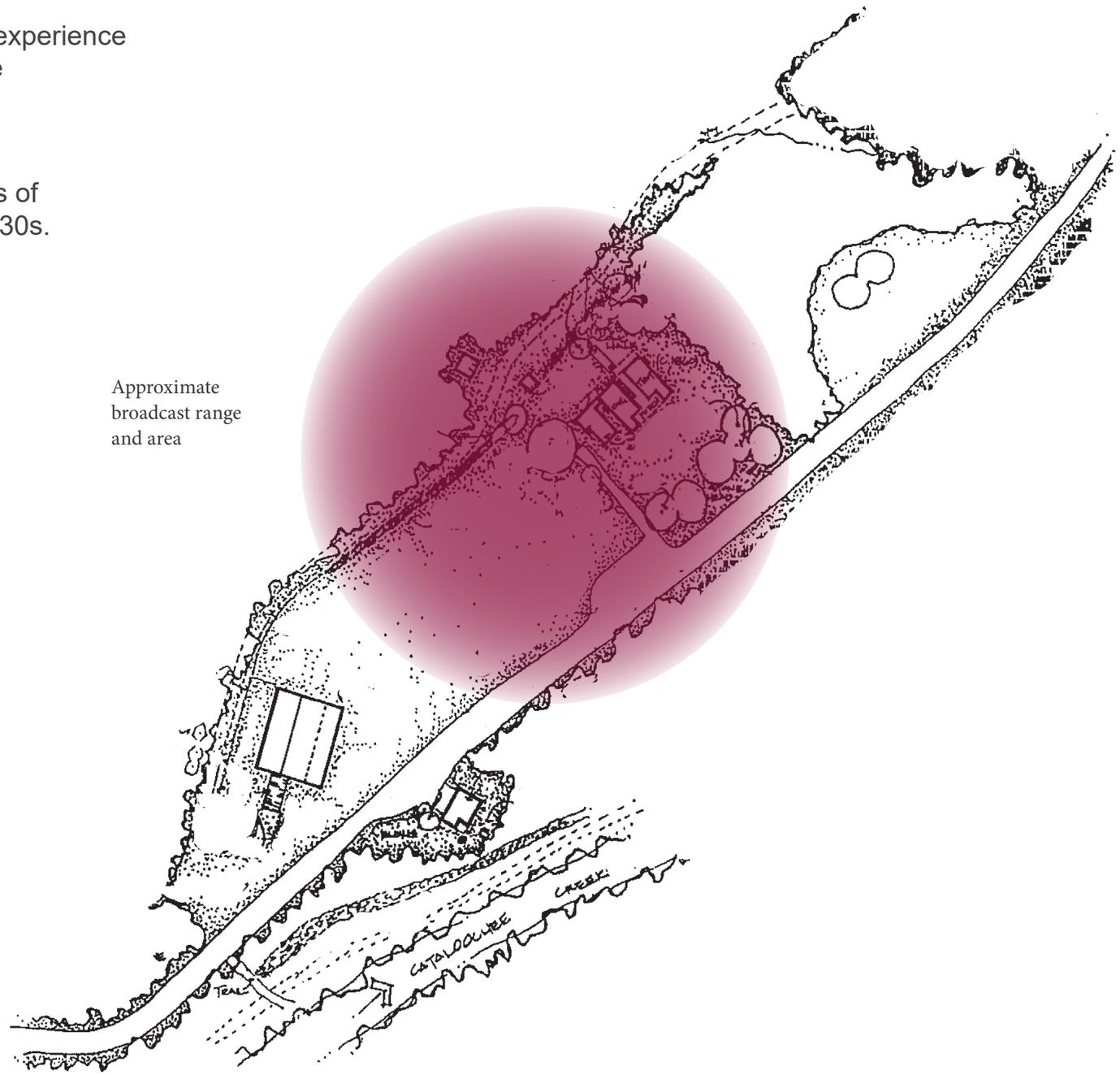
RADIO CATALOOCHEE: RC

PURPOSE

RC adds an audio dimension to the visitor experience and provides an outlet for the Park to share information with visitors.

EXPERIENCE OBJECTIVE

Visitors will feel more connected to the lives of Cataloochee residents in the 1920s and 1930s.



Approximate broadcast range and area

RC01: RADIO STATION

PURPOSE

Broadcasts 1920s-1930s music, portions of period radio programs, and excerpts of oral history interviews; when needed, it also can broadcast Park-related information or announcements from the NPS.

BRIEF DESCRIPTION

Inside the house, the broadcast will play in the former dining room.

The broadcast will play on a repeating loop, with the length of the loop dependent on desired and available programming. It will include portions of radio programs that Cataloochee residents would have listened to in the 1920s-1930s. It also could include portions of oral history interviews from area archives or from the Cataloochee Valley video once played in the Palmer House.

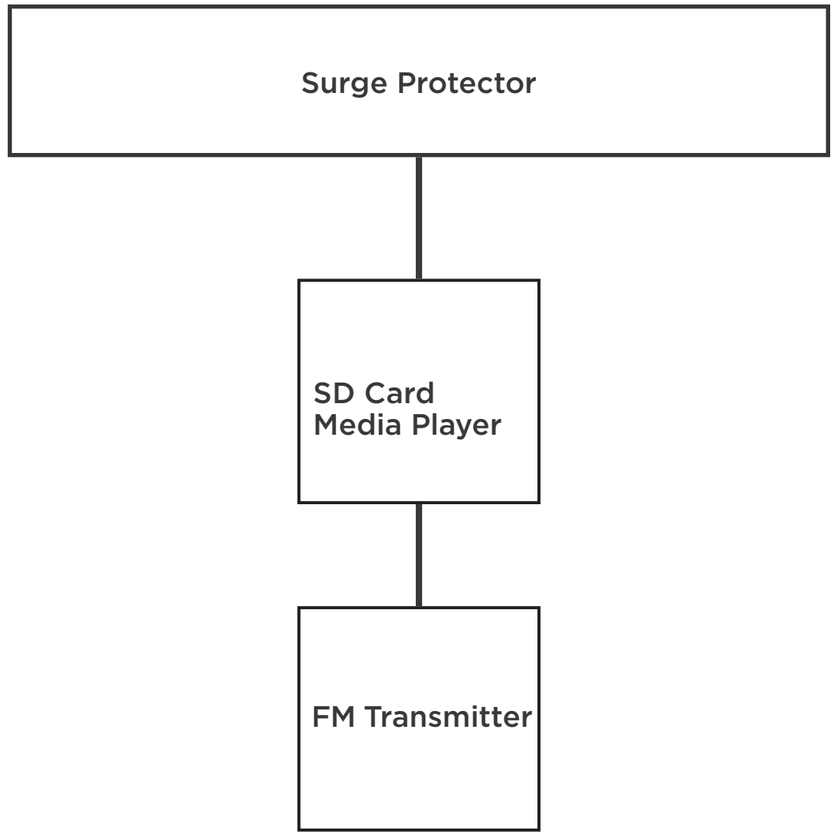
NOTES/QUESTIONS

The radio transmitter and player will be safely and unobtrusively stored in the ceiling of the dining room, encased in a weather-resistant case. Neither the transmitter nor the player are much larger than a deck of cards. They will require a power source, which could potentially be provided by solar power.

FABRICATION NOTES

- Radio will be attached to a surge protector that has an internal timer
- Radio and stand will be anchored to the wall with an open back for servicing
- Outlet will need to be moved up to remain hidden and prevent any tampering
- Specific electronic elements shall be decided in fabrication
- The possibility for a motion triggered radio exists. Adding motion sensing will add costs, complexity and will create another potential failure point.

WIRING DIAGRAM



RC01-M01 RADIO PROGRAM

BRIEF DESCRIPTION

A 30-minute, pre-recorded audio program that runs on a loop during the hours when visitors are most likely to enter the Palmer House to experience the exhibits.

NOTES & QUESTIONS

- Production of the radio program, including recording of host segments, other voice actor recordings, and sound editing, will occur during the fabrication phase.
- Details of the program content also will be determined during the fabrication phase, including the selection of songs, radio programs, and oral history segments.
- Selection of program content will require research and identification of available recordings of songs and radio programs, determination of copyright status, and potential purchase of use rights. These tasks have been factored into the estimated fabrication budget.
- Selection of oral history segments to include in the audio program will require review of existing audio recordings for sound quality and comprehension. It is assumed that staff at NPS or other holding institution will cover this task, so it has not been factored into the estimated fabrication budget.
- See Appendix B for an audio script based on available information

The contractor will produce the radio program that will play on a loop in the Tourist Dining Zone:

- Record the announcer segments and other voice actor recordings.
- Review and edit all audio for sound quality and comprehension), during the fabrication phase.
- Acquire any rights needed to include song selections for the radio program or as identification of suitable copyright-free content.
- Secure and purchase the appropriate licensing fee for copyrighted content.

Radio Cataloochee: Program Outline

The Radio Cataloochee audio will be a 30-minute, pre-recorded program. It will play on a loop in the TD zone, the historical dining room. It will be set on a timer to play during the hours when visitors are most likely to visit the interior exhibits. The program also will be accessible via car radio near the house.

The program will consist of multiple segments. The voice of a radio host will introduce each segment and tell people that they're listening to "Radio Cataloochee: The Sounds of the Valley." The role of the radio host will be recorded by a voice actor.

The segments will include:

- Songs that would have been heard on the Grand Ole Opry radio show in the 1920s-1930s
- Content that would have aired on the USDA radio program, the National Farm and Home Hour, in the 1920s-1930s
    - Agricultural market report
    - Homemaking tips
- Excerpts from oral history interviews recorded with Cataloochee residents or descendants

See Appendix B for an audio script for the Radio Cataloochee program.

WELCOME: WE

PURPOSE

WE provides an overview of the valley's long human history and orients visitors to where they are in the Cataloochee Valley.

EXPERIENCE OBJECTIVE

Visitors will feel welcomed and oriented and will understand themselves as part of a centuries-long history of human connections to this place.



WE01 Location TBD by Park

WE01: BIG CATALOOCHEE ORIENTATION

PURPOSE

Orients visitors to where they are in Cataloochee Valley and provides information and navigation to help them visit other Cataloochee sites.

BRIEF DESCRIPTION

This is an upright wayside exhibit with text and graphics. It will be a new graphic panel, to be added to an existing frame and base at a location TBD.

FABRICATION NOTES

- Size 36"x48"
- 1/8" Outdoor Grade HPL or Similar

THUMBNAIL



WE01-G01

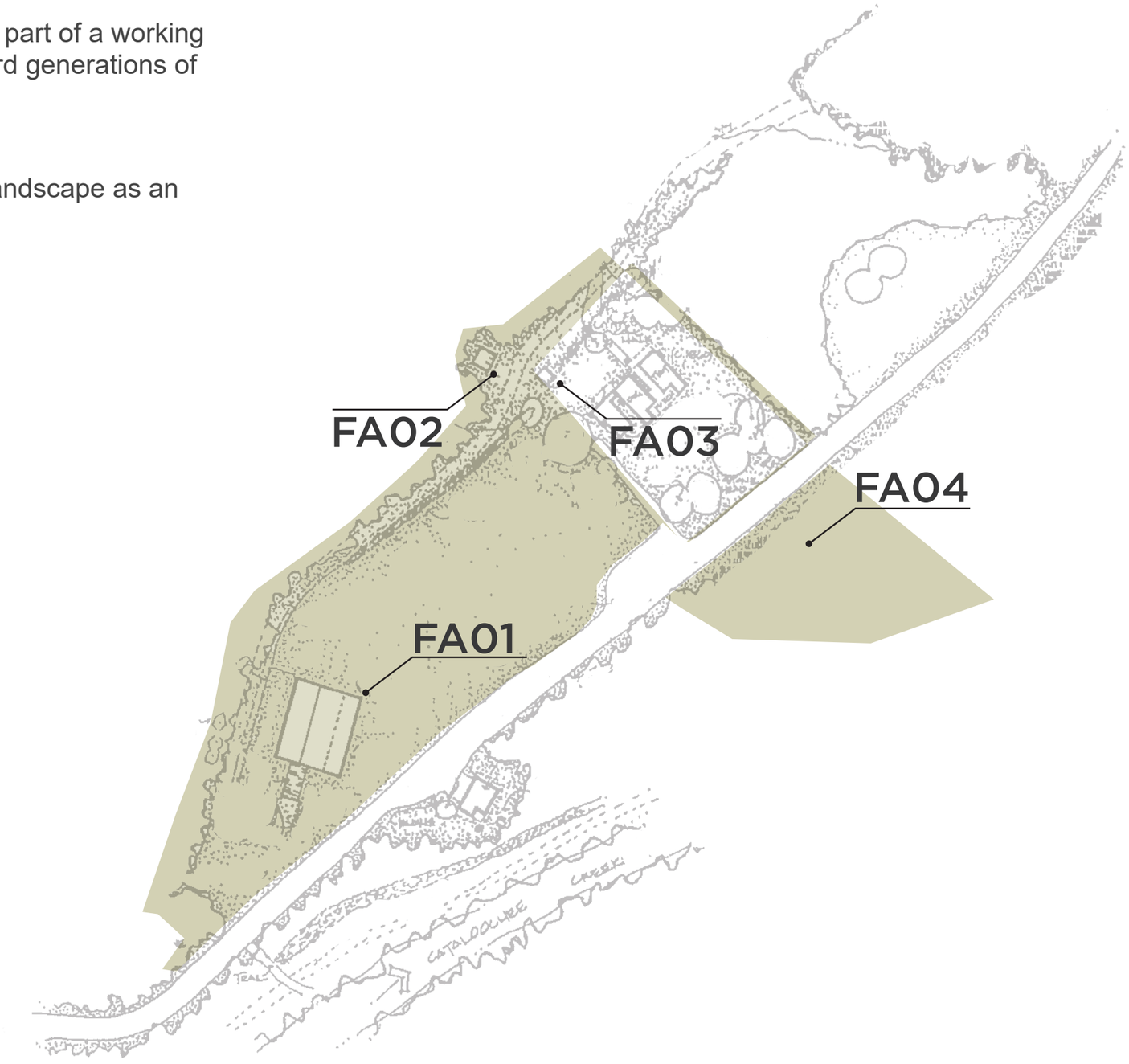
FARMSTEAD: FA

PURPOSE

FA reveals the historic landscape as part of a working farmstead during the second and third generations of Palmer residence.

EXPERIENCE OBJECTIVE

Visitors will be able to imagine this landscape as an active, prosperous family farmstead.



FA01: BARN ID

PURPOSE

Identifies and interprets the historic barn.

BRIEF DESCRIPTION

A small interpretive sign located outside of the barn.

FABRICATION NOTES

- 6"x12" 1/2" Outdoor grade HPL or similar
- 4 threaded inserts for mounting
- Final location to be determined based on compliance

FA01-G01

Palmer Barn

Built 1910-1917

By 1910, the Palmer farm had outgrown its barn, so Jarvis Palmer built this new one. It stored grain, hay, wagons, and tools and sheltered horses and mules. The barn's size and construction reveal the family's prosperity.



FA02: SPRINGHOUSE ID

PURPOSE

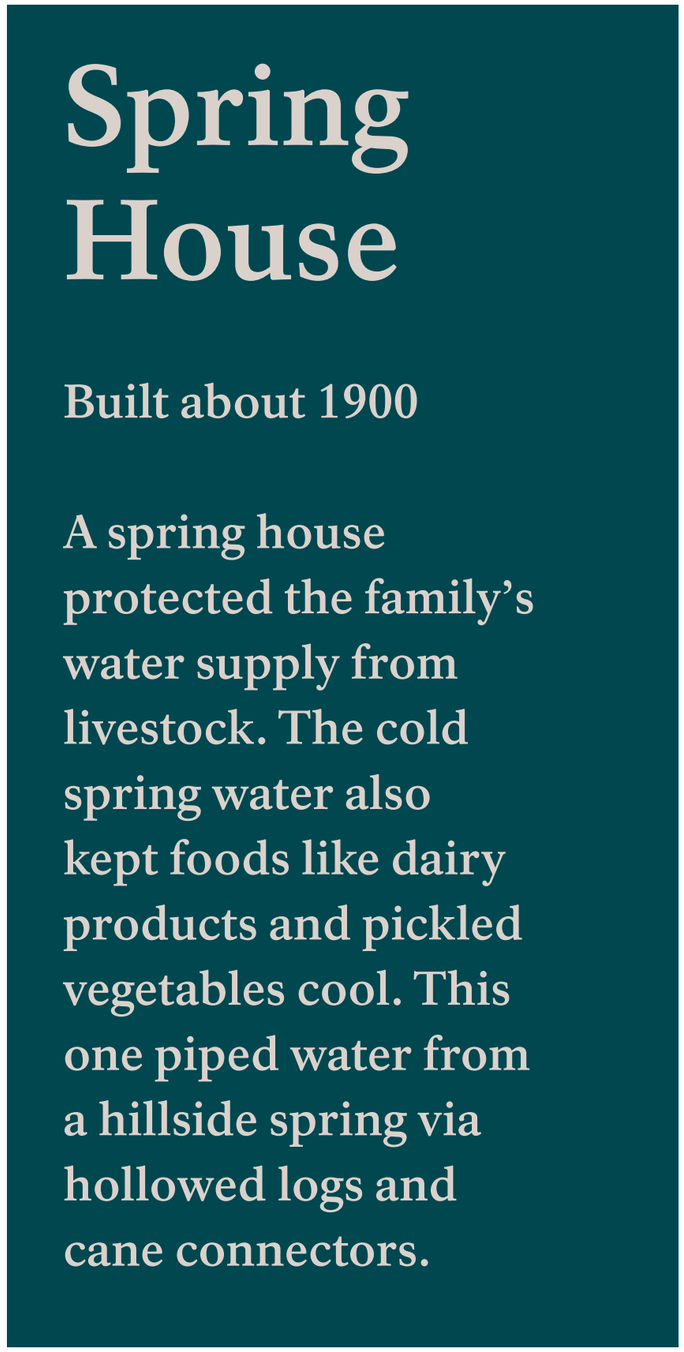
Identifies and interprets the historic springhouse.

BRIEF DESCRIPTION

A small interpretive sign located outside of the springhouse.

FABRICATION NOTES

- 6"x12" 1/2" Outdoor grade HPL or similar
- 4 threaded inserts for mounting
- Final location to be determined based on compliance



FA02-G01



FA03: BLACKSMITH SHOP ID

PURPOSE

Identifies and interprets the historic blacksmith shop.

BRIEF DESCRIPTION

A small interpretive sign located outside of the blacksmith shop.

FABRICATION NOTES

- 6"x12" 1/2" Outdoor grade HPL or similar
- 4 threaded inserts for mounting
- Final location to be determined based on compliance

FA03-G01

Blacksmith Shop

Built 1870

Small blacksmith shops helped Cataloochee residents run their busy farms. Here they made and repaired their own horseshoes, door hinges, cookware, and tools. Sparks flew as the sound of iron hitting iron rang out.



FA04-G01

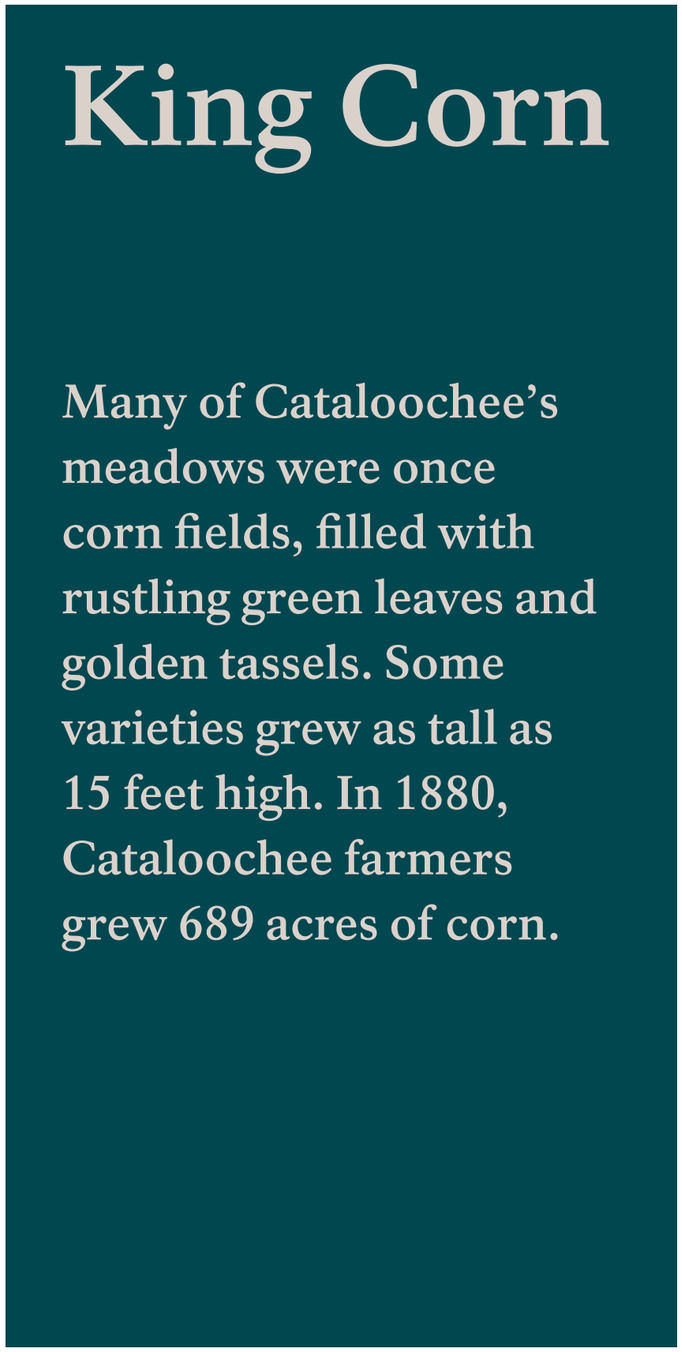
BRIEF DESCRIPTION

A graphic panel attached to a base, mounted in the ground.

FABRICATION NOTES

- 6"x12" 1/2" Outdoor grade HPL or similar
- 4 threaded inserts for mounting
- Final location to be determined based on compliance

THUMBNAIL





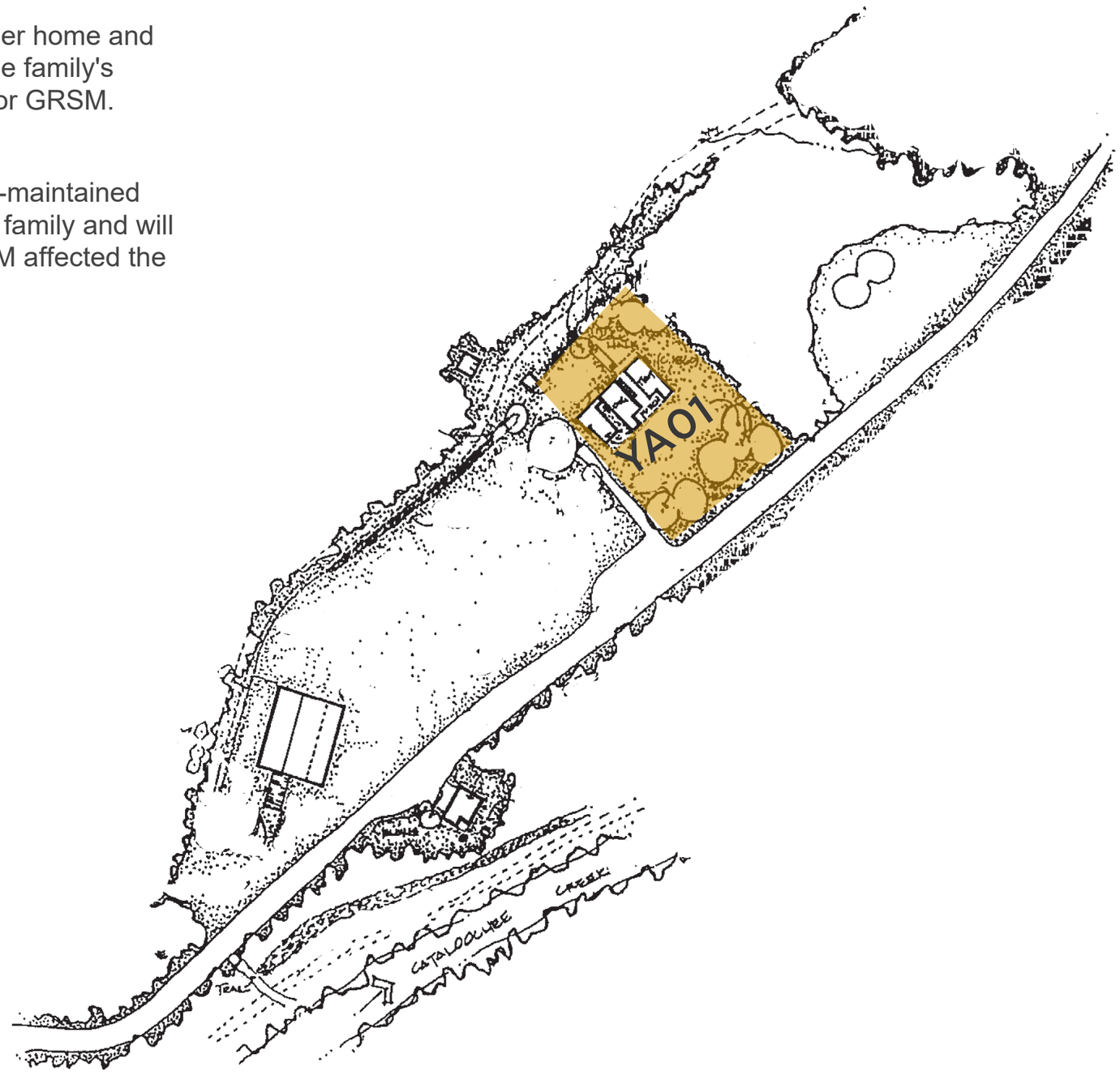
YARD: YA

PURPOSE

YA interprets the property as the Palmer home and farmstead over three generations of the family's residence until they left to make way for GRSM.

EXPERIENCE OBJECTIVE

Visitors will realize that this was a well-maintained home that grew along with the Palmer family and will understand how the transition to GRSM affected the Palmers.



YA01: PALMER FARMSTEAD

PURPOSE

Reveals the thriving farmstead that once filled this property and explains why the Palmers and other Cataloochee farmers left the valley.

BRIEF DESCRIPTION

A low-profile wayside exhibit stands facing the house. It includes a panel with text and graphics and a tabletop tactile map of the Palmer farmstead at the peak of its size and prosperity.

NOTES/QUESTIONS

Placement of the wayside will depend on results of shovel testing for archaeological resources and will take into consideration the integrity of the historic landscape.

The tactile map will be made from concrete for maximum durability and resistance to vandalism.



YA01-G01

BRIEF DESCRIPTION

A low-profile in-ground wayside sign.

FABRICATION NOTES

- 36"x24" outdoor grade laminated panel
- In-ground installation
- Final location TBD based on archaeological testing
- Base is 45 degree, NPS brown in-ground

THUMBNAIL



See Appendix A for annotated illustration

YA01-S01 PALMER COMPLEX TACTILE

BRIEF DESCRIPTION

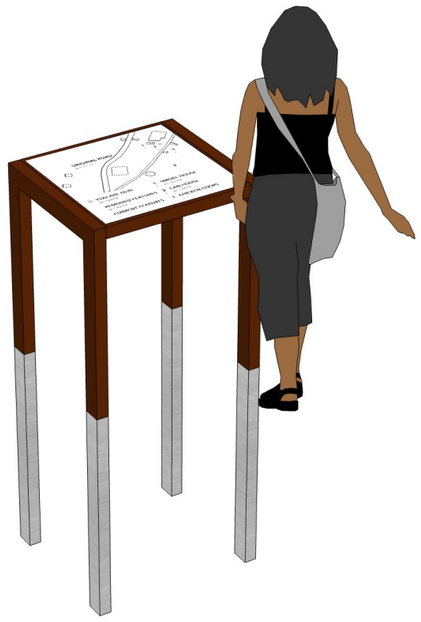
Bas relief tactile made of concrete with keyed legend to name buldings and other structures associated with the Palmer farmstead. Will represent both buildings that are still on the landscape and those that have been removed.

NOTES & QUESTIONS

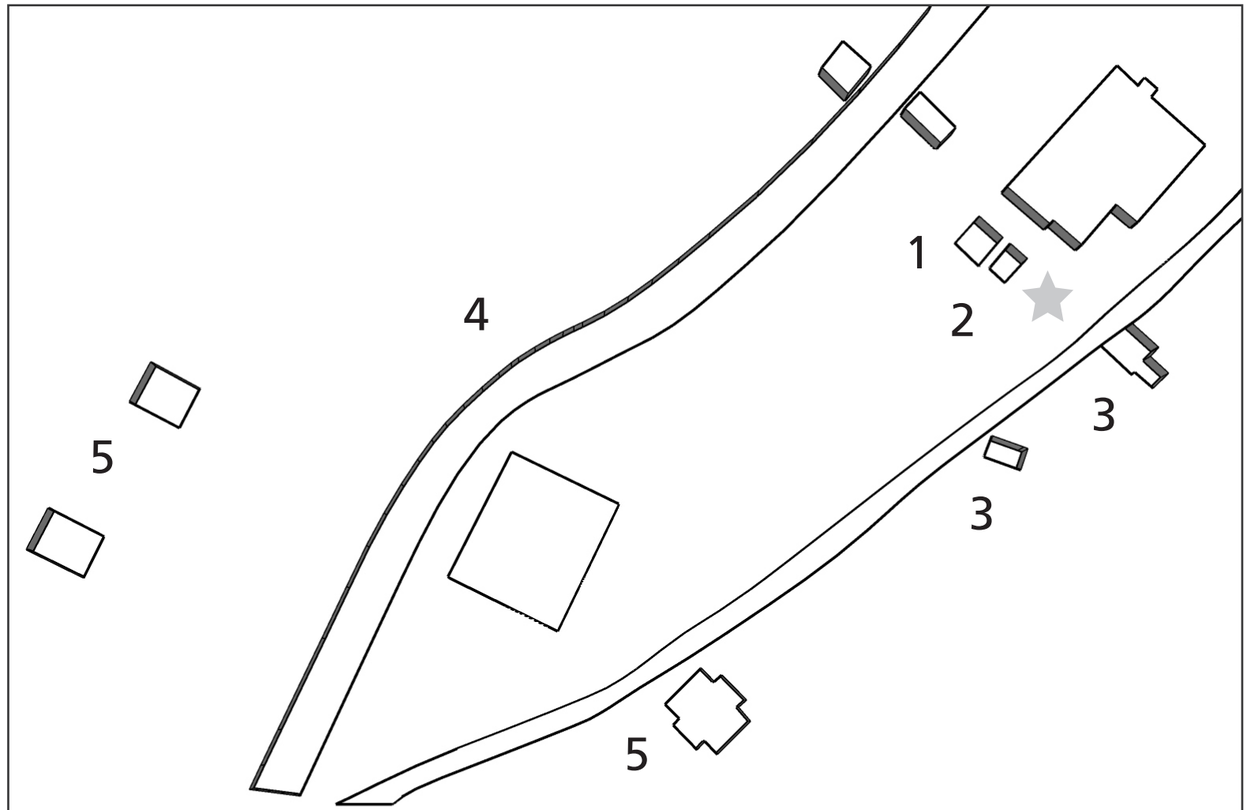
- The converted cabin will be removed eventually so for the sake of longevity, it will appear as removed on the tactile.
- Braille not included due to concerns about viability of casting it in concrete at ADA-compliant level.

FABRICATION NOTES

- 24"x24"x3"
- Tactile fabricated from cast concrete with five 1/4-20 threaded inserts on the backside
- It will have a 2" thick base with absent features recessed 1" and present features protruding 1"
- 3D file will be provided
- Final location TBD based on archaeological testing



PLAN VIEW



★ YOU ARE HERE

CURRENT FEATURES

REMOVED FEATURES

1 SMOKE HOUSE

2 CAN HOUSE

3 CHICKEN COOPS

4 ORIGINAL ROAD

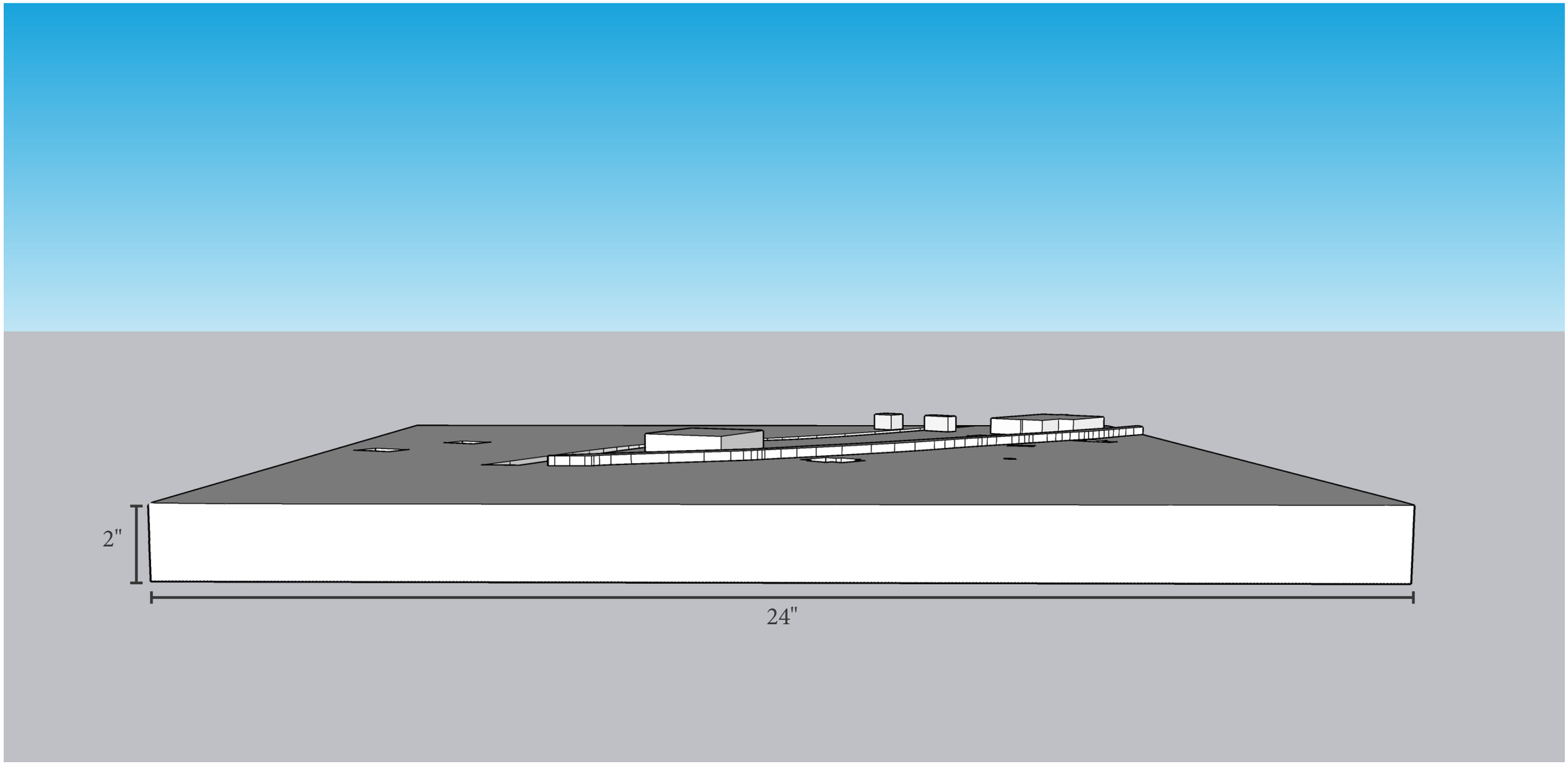
5 TOURIST CABINS

Removed features will be recessed into the tactile

Current features will be raised on the tactile

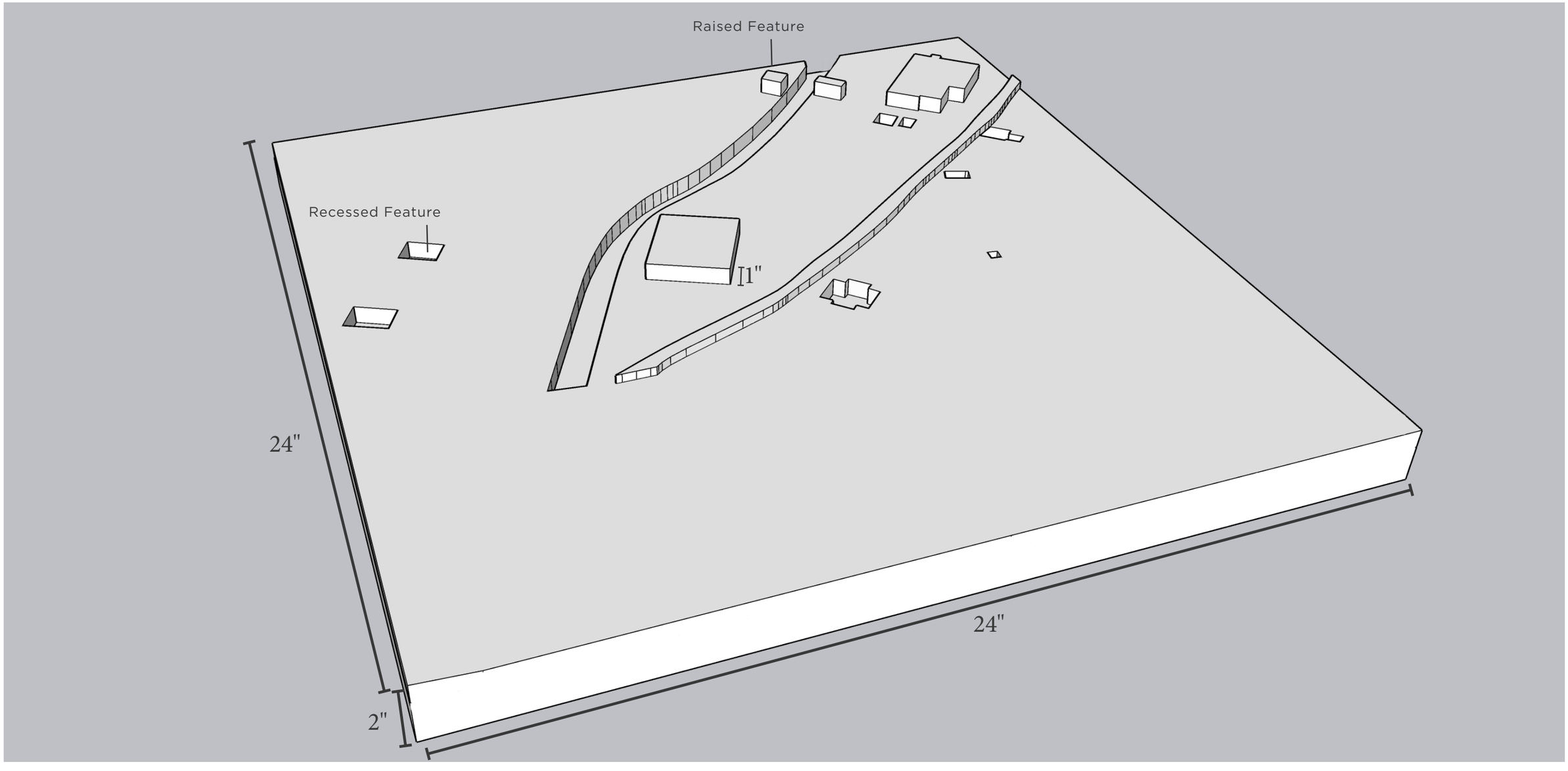
YA01-S01 PALMER COMPLEX TACTILE

PERSPECTIVE VIEW: SIDE



YA01-S01 PALMER COMPLEX TACTILE

ISOMETRIC VIEW



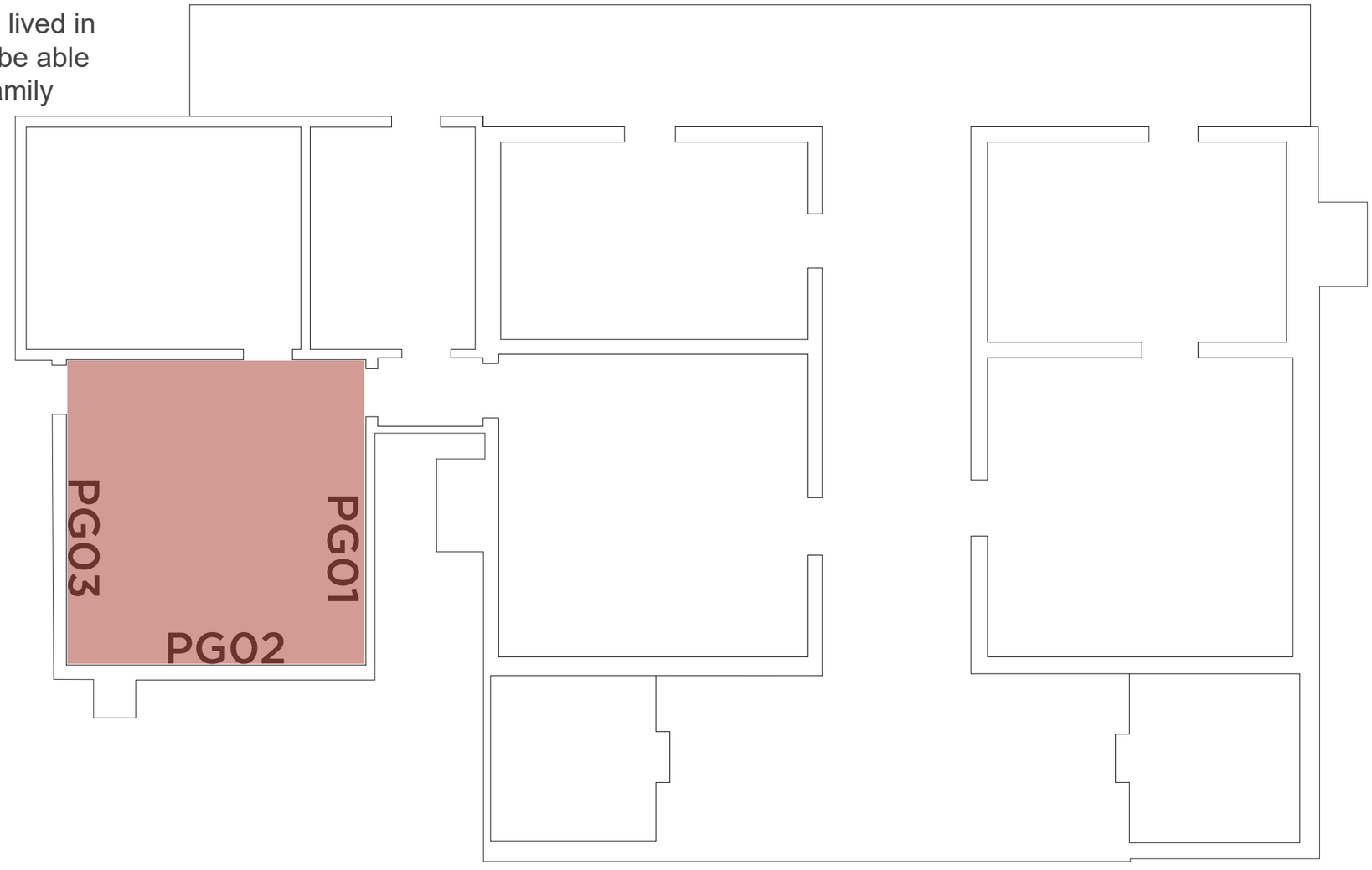
PALMER GENERATIONS: PG

PURPOSE

PG introduces the three generations of Palmers who lived in the house and built the farm and reveals their connections to other Cataloochee families.

EXPERIENCE OBJECTIVE

Visitors will feel connected to the families who lived in Cataloochee Valley farm settlements and will be able to imagine the site as an active, prosperous family farmstead.



PG01: HOUSEHOLD LAYERS

PURPOSE

Reveals the layers of history the house contains and profiles the three multigenerational households that resided here.

BRIEF DESCRIPTION

There is one introductory topic panel plus three layered, overlapping wall panels set at varying levels of protrusion into the room, from closer in the front on the left, to farther away in the back on the right. Each of the three overlapping panels is devoted to one of the three Palmer generations that lived in the house.

Each overlapping generation panel interprets the following:

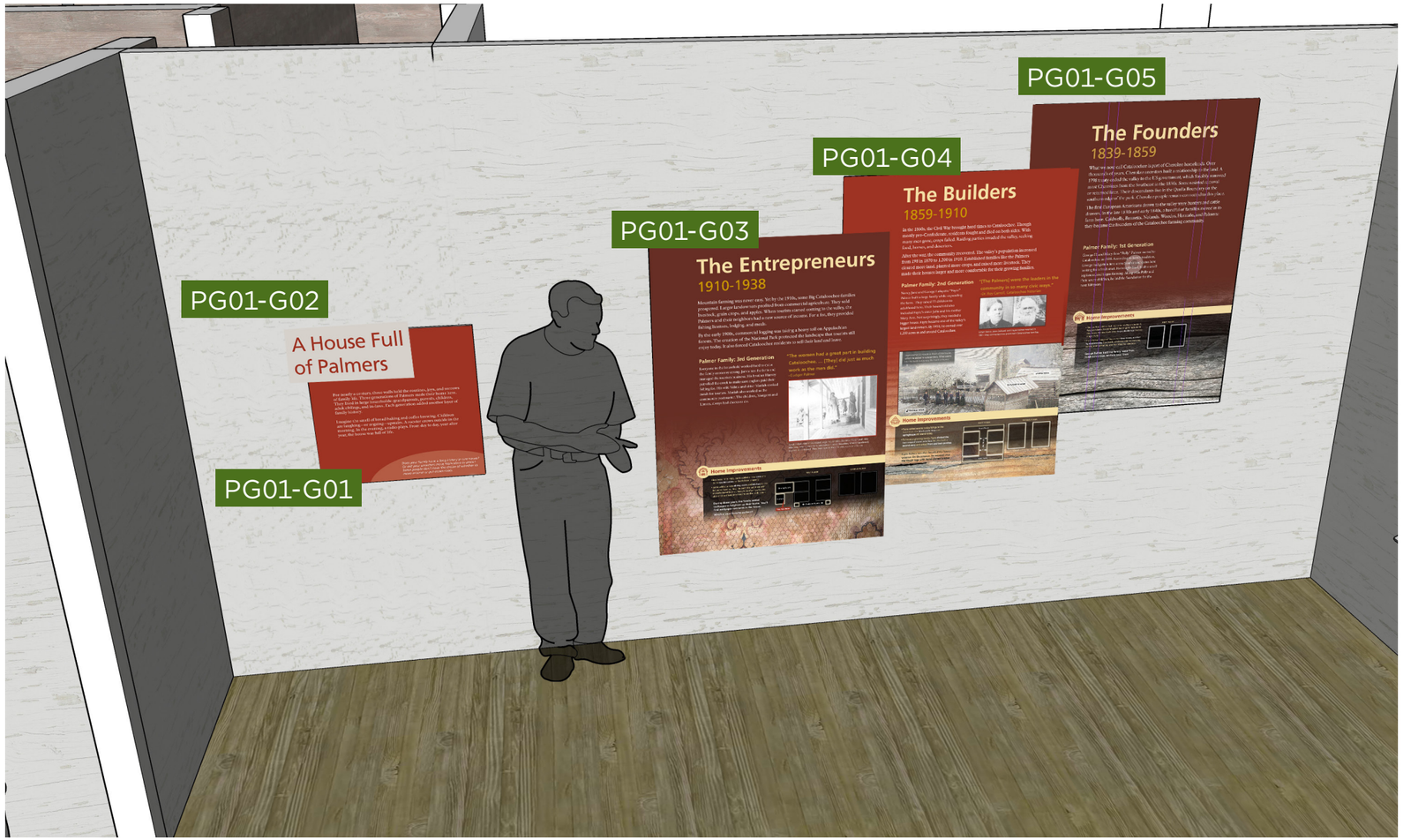
-- The historical context in which that generation lived, including developments in Cataloochee and the wider region;
-- The household that occupied the Palmer House during that generation;
-- The additions and improvements that generation made to the farmstead; and
-- How the house changed over time with the family's changing fortunes and the valley's economic and social development.

NOTES/QUESTIONS

This exhibit introduces a wall material design motif that connects to the excavated wall layers in DH03.



ELEVATION



PG01-G01

BRIEF DESCRIPTION

The bottom layer of a double-layered graphic panel, mounted to the wall.

FABRICATION NOTES

- 24"x24"
- 1/2 inch thick HPL or similar with threaded inserts for mounting
- 1/8 inch rounded corners
- Cleated wall mount

THUMBNAIL



PG01-G02

BRIEF DESCRIPTION

The top layer of a double-layered graphic panel, mounted to the bottom layer.

FABRICATION NOTES

- 8"x4"
- 1/8 inch thick HPL or similar
- Adhered to PG01-G01 by method of fabricator's choosing

THUMBNAIL



PG01-G03

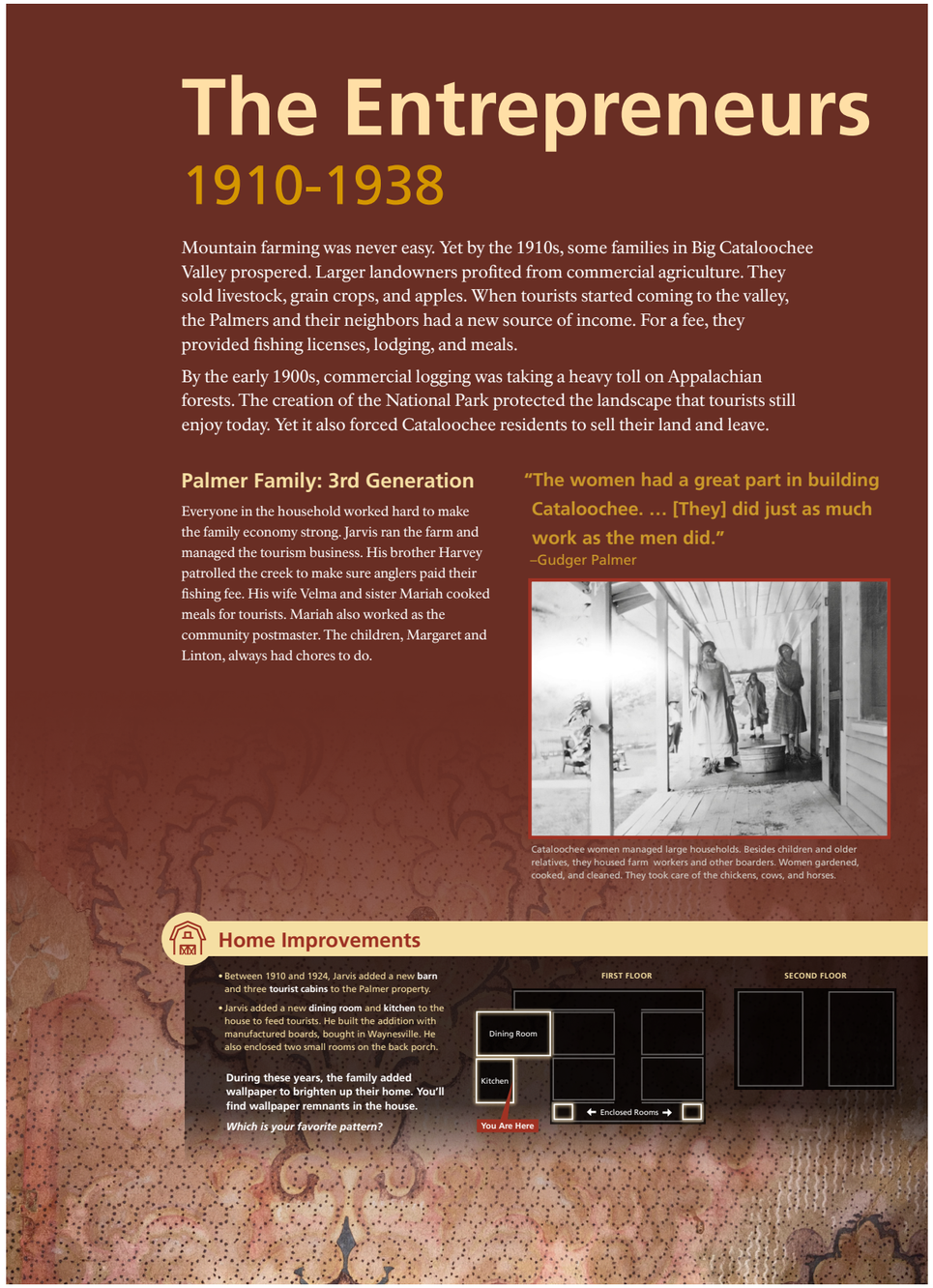
BRIEF DESCRIPTION

The top layer of a triple-layered graphic panel mounted to the wall.

FABRICATION NOTES

- 36"x50"
- 1/2 inch thick HPL or similar with threaded inserts for mounting
- 1/8 inch rounded corners
- Cleated wall mount

THUMBNAIL



PG01-G04

BRIEF DESCRIPTION

The middle layer of a triple-layered graphic panel mounted to the wall. It is overlapped by panel to the left and overlaps the panel to the right.

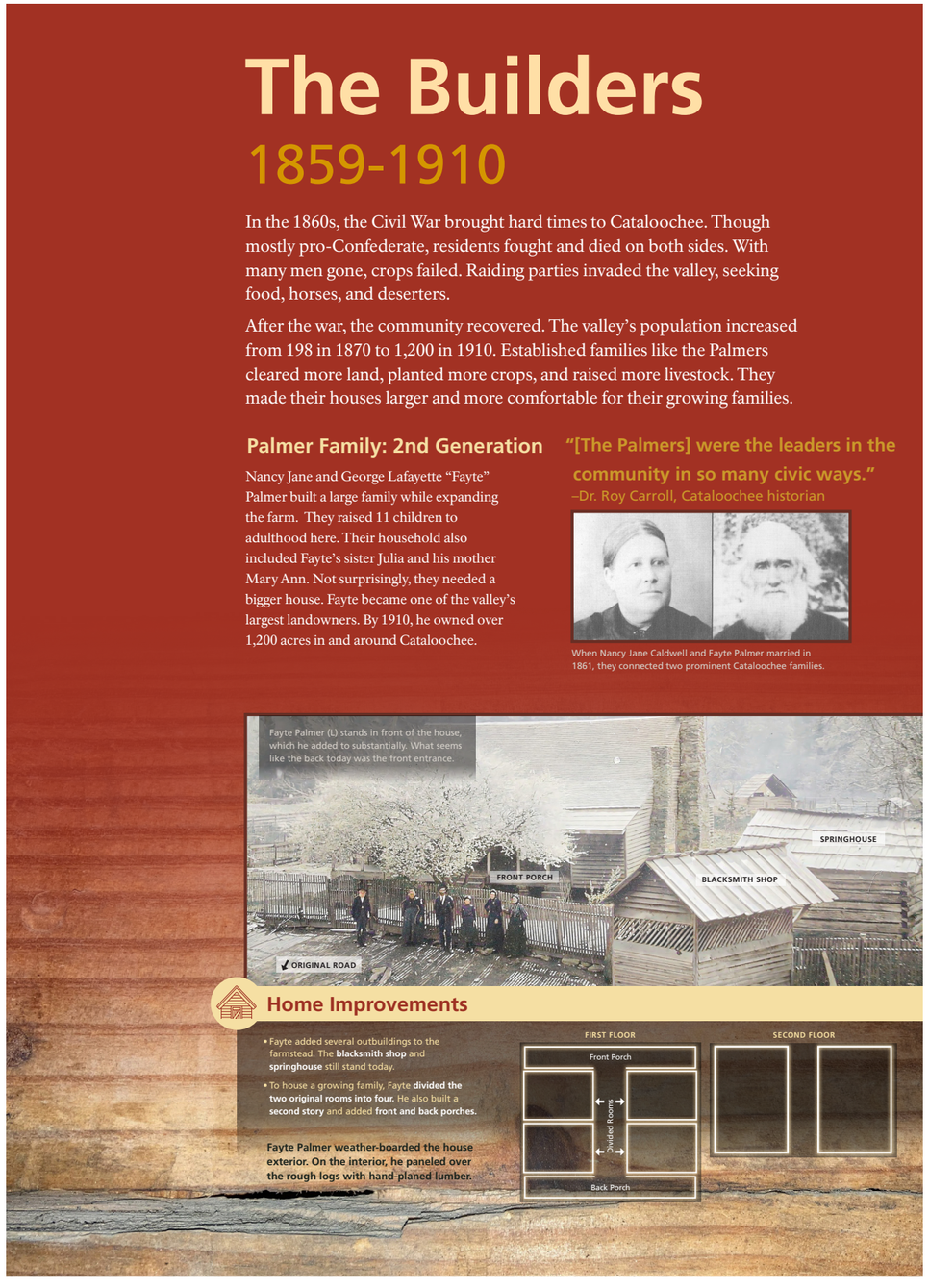
NOTES & QUESTIONS

- According to Dr. Roy Carroll, in the 1860 census, Fayte's household included "a young mulatto servant named Nancy Casey." At the time, "mulatto" could have referred to someone of mixed Native American, African American, and/or White ancestry. In the last review round, GRSM staff expressed interest in researching and possibly interpreting Nancy Casey's story. Without additional information, we have not mentioned her in the text. Of Casey, Carroll said, " I don't know who she is. She doesn't appear again." (Source = Transcript of a 1981 talk by Carroll as part of the "Cataloochee: Life in a Remote Mountain Valley" event in Waynesville.)

FABRICATION NOTES

- 36"x50"
- 1/2 inch thick HPL or similar with threaded inserts for mounting
- 1/8 inch rounded corners
- Cleated wall mount

THUMBNAIL



PG01-G05

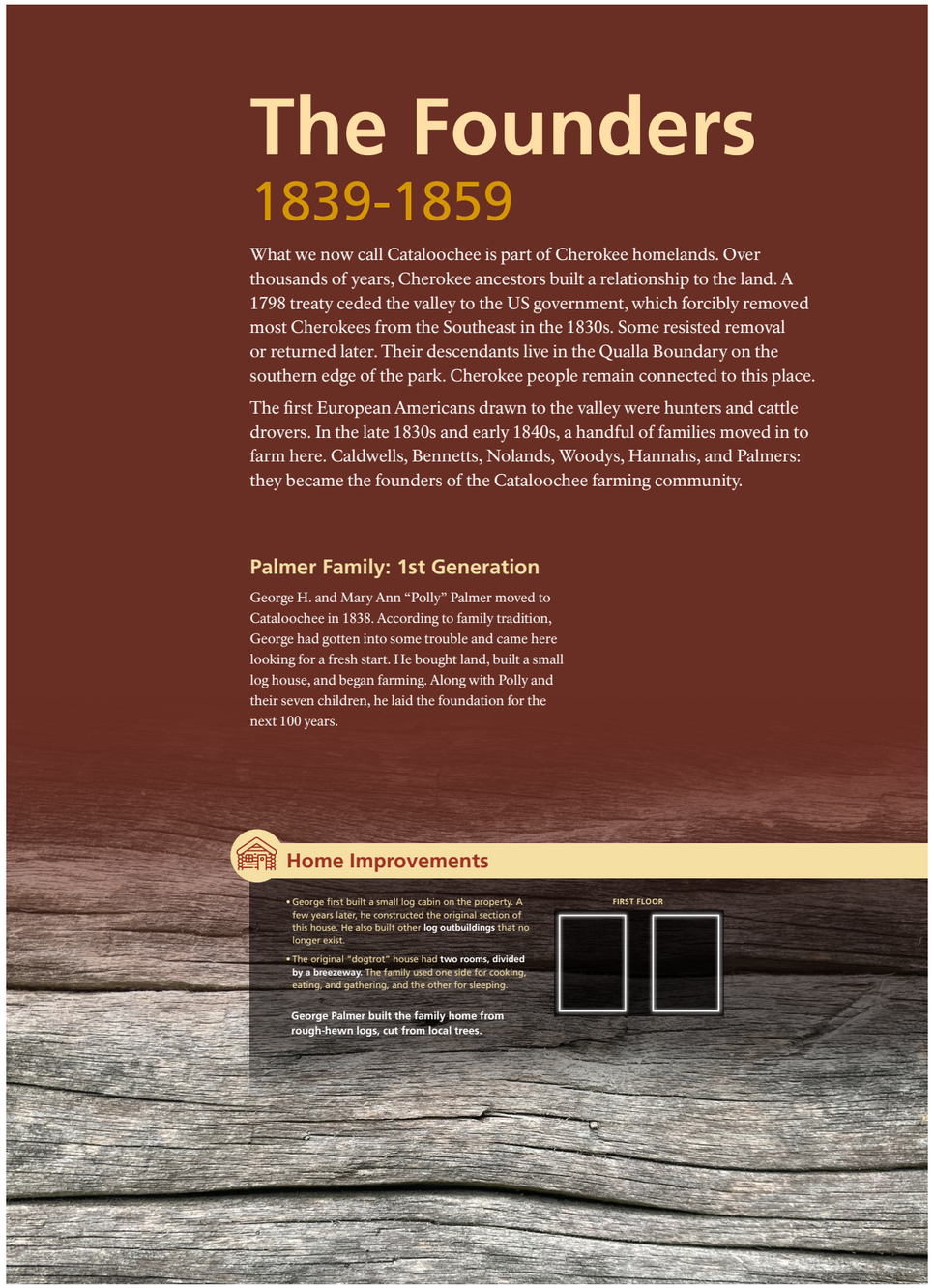
BRIEF DESCRIPTION

The bottom layer of a triple-layered graphic panel mounted to the wall. It is overlapped by panel to the left.

FABRICATION NOTES

- 36"x50"
- 1/2 inch thick HPL or similar with threaded inserts for mounting
- 1/8 inch rounded corners
- Cleated wall mount

THUMBNAIL



PG02: COMMUNITY TIES

PURPOSE

Reveals the interconnections among Cataloochee Valley farm families.

BRIEF DESCRIPTION

A low-profile rail panel with text and graphics. The main graphic is a map of the three Cataloochee Valley settlements (Big Cataloochee, Little Cataloochee, Caldwell Fork). Photos and captions highlight the ties that connected valley residents with each other (marriage, economic, social), featuring stories tied to extant historic buildings.

NOTES/QUESTIONS

This exhibit will give descendants of Cataloochee farm families the opportunity to locate and tell stories about the relationships among their ancestors. It also should resonate with other visitors and invite reflection on their own family histories.



ELEVATION



PG02-G01

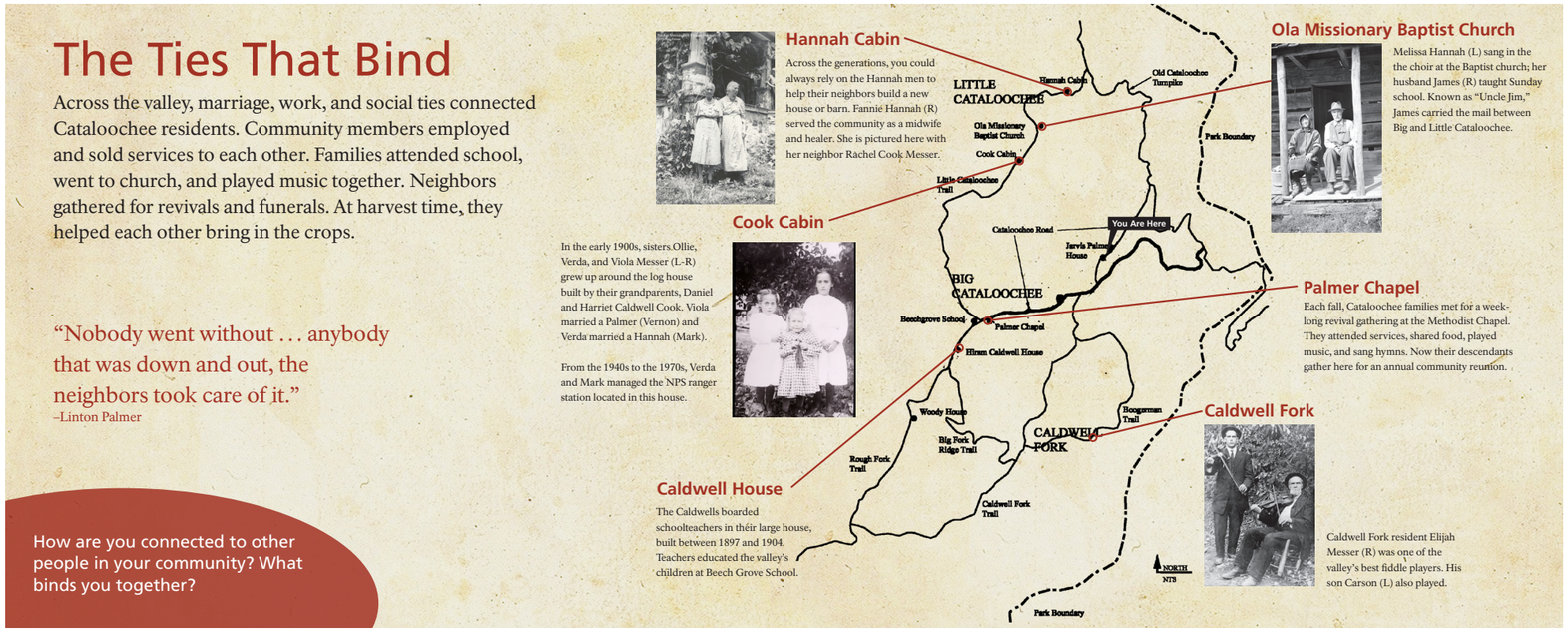
BRIEF DESCRIPTION

A graphic rail panel mounted to the wall under the window.

FABRICATION NOTES

- 60"24" 1/2 inch thick HPL or similar with threaded inserts for mounting
- 1/8 inch rounded corners
- Cantilevered wall mount

THUMBNAIL



PG03: BUSY FARMYARD

PURPOSE

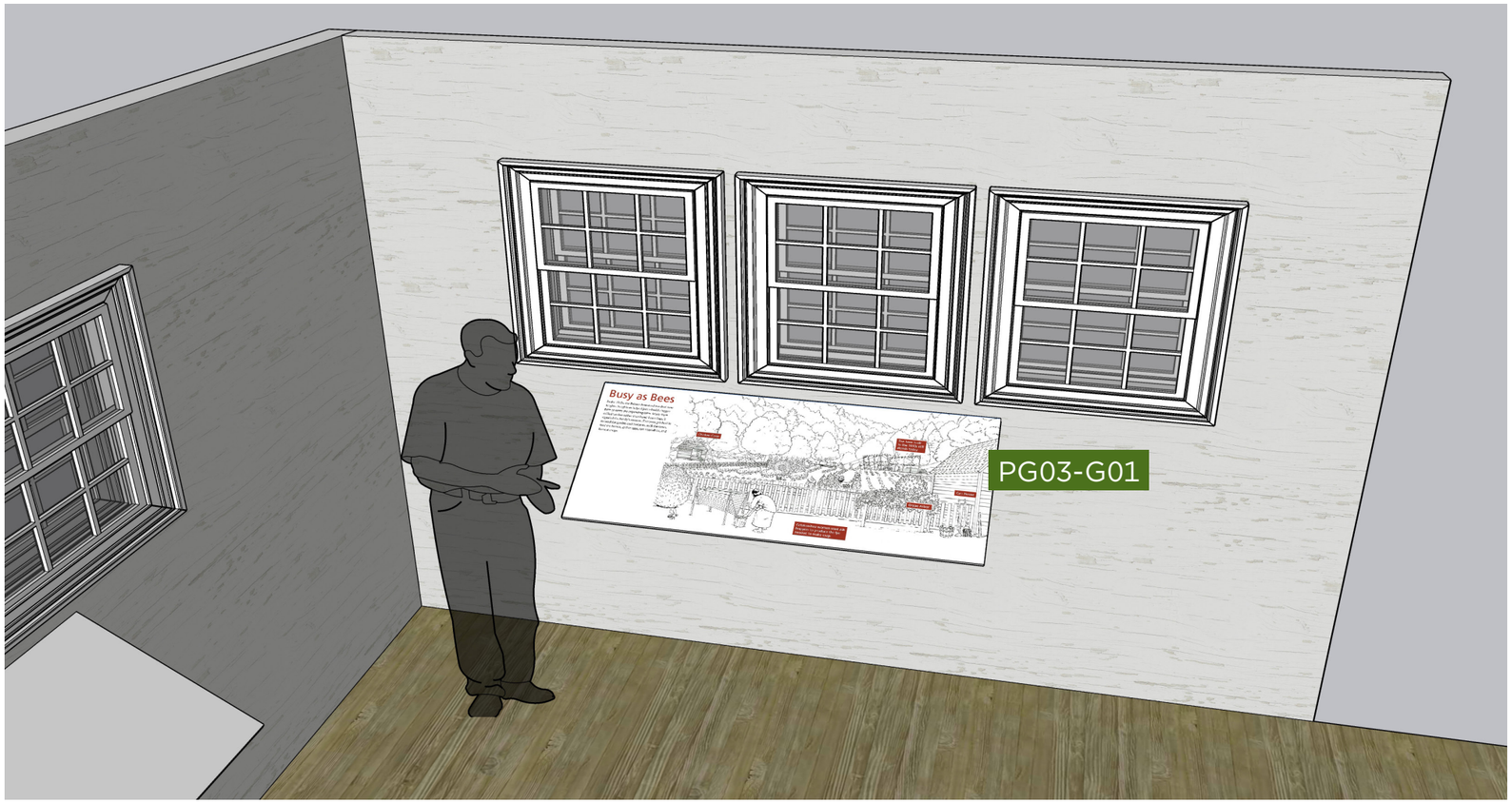
Depicts the Palmer farmyard at a time of growth and prosperity in the 1910s.

BRIEF DESCRIPTION

A low-profile rail panel with text and graphics that functions like an indoor wayside: it interprets the landscape that's visible outside the window and provides a historic scene to compare the current view. The window faces south toward the barn.

The main graphic is a new illustration of the same view in the 1910s, as the barn is being built. Missing outbuildings and fences and the family garden are depicted. Other typical mountain farm items are in the scene: an ash hopper and tools. There are people of various ages and genders working at tasks and chores. It's a busy, lively, summer scene.

ELEVATION



PG03-G01

BRIEF DESCRIPTION

A graphic rail panel mounted to the wall under the window.

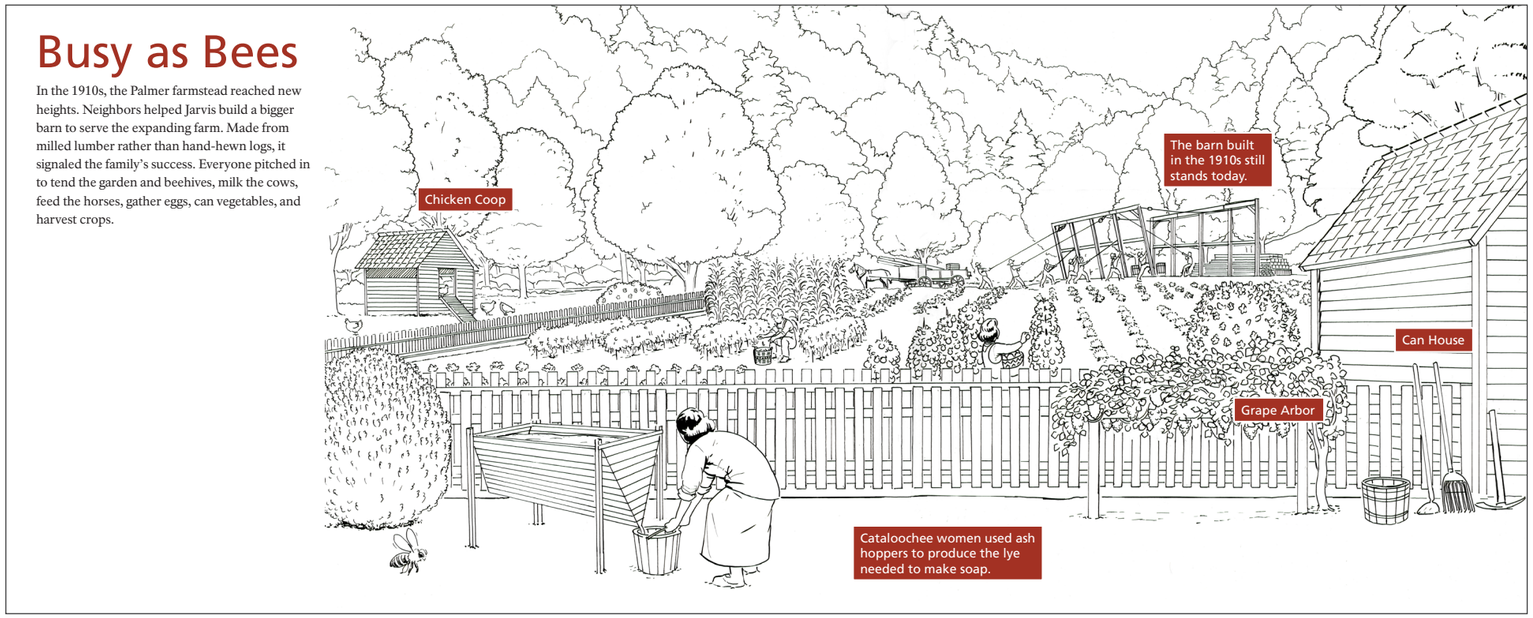
NOTES & QUESTIONS

- Illustration details have been revised after consultation with content experts.
- This is the final black-and-white version of the illustration.
- Color will be added during the fabrication phase. We recommend contracting with Casey Maloney, the artist who created the black-and-white illustration, to add color.

FABRICATION NOTES

- 60"x24" 1/2 inch thick HPL or similar with threaded inserts for mounting
- 1/8 inch rounded corners
- Cantilevered wall mount

THUMBNAIL



See Appendix A for annotated illustration

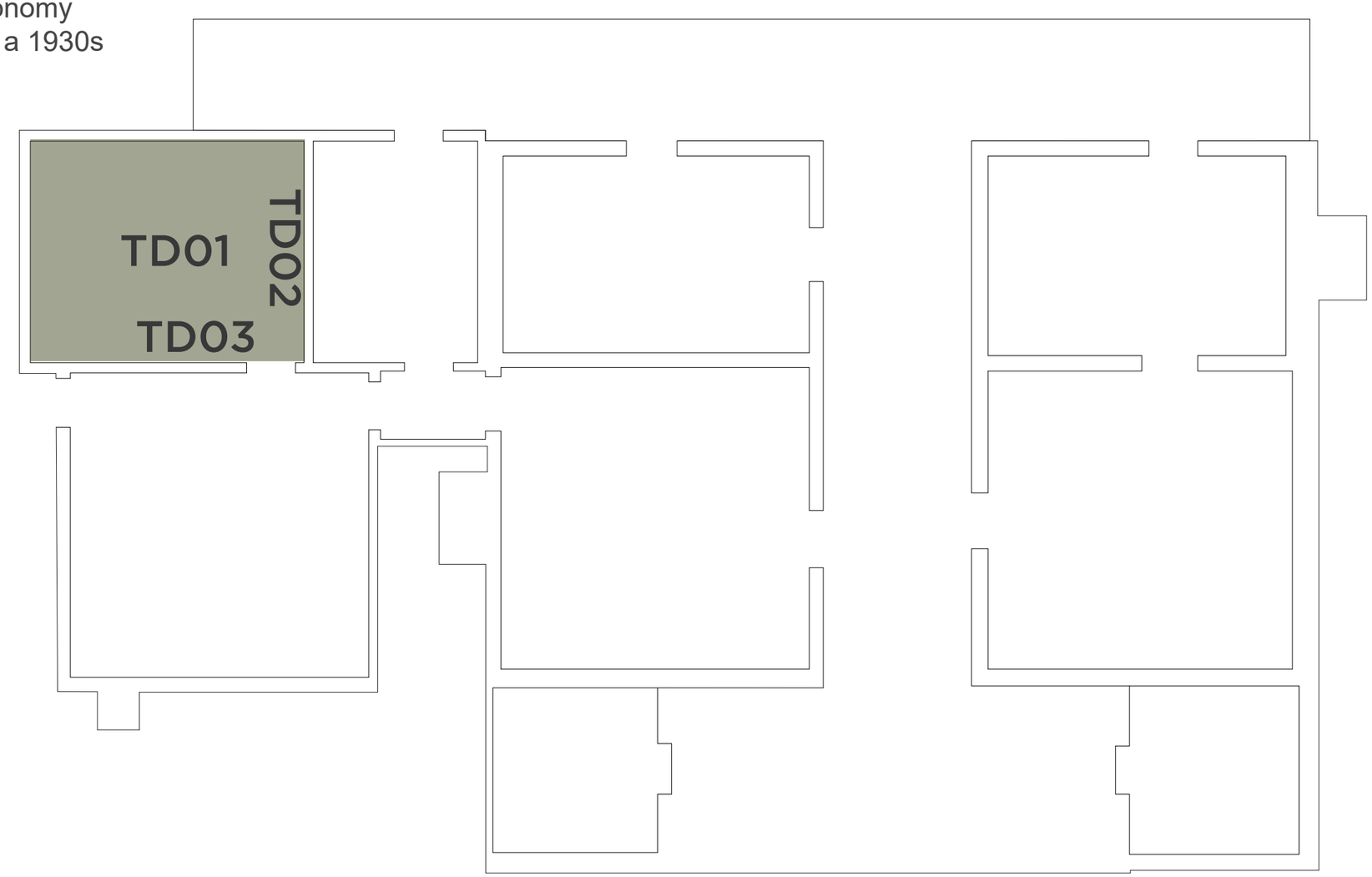
TOURIST DINING: TD

PURPOSE

TD interprets use of the 1920s addition as part of the Cataloochee tourist business during the third generation of the family's residence.

EXPERIENCE OBJECTIVE

Visitors will realize how the Palmer family economy evolved over time and will be able to imagine a 1930s tourist experience.



TD01: TOURIST DINNER

PURPOSE

Evokes the dining room where the Palmers served tourists in the 1920s-1930s.

BRIEF DESCRIPTION

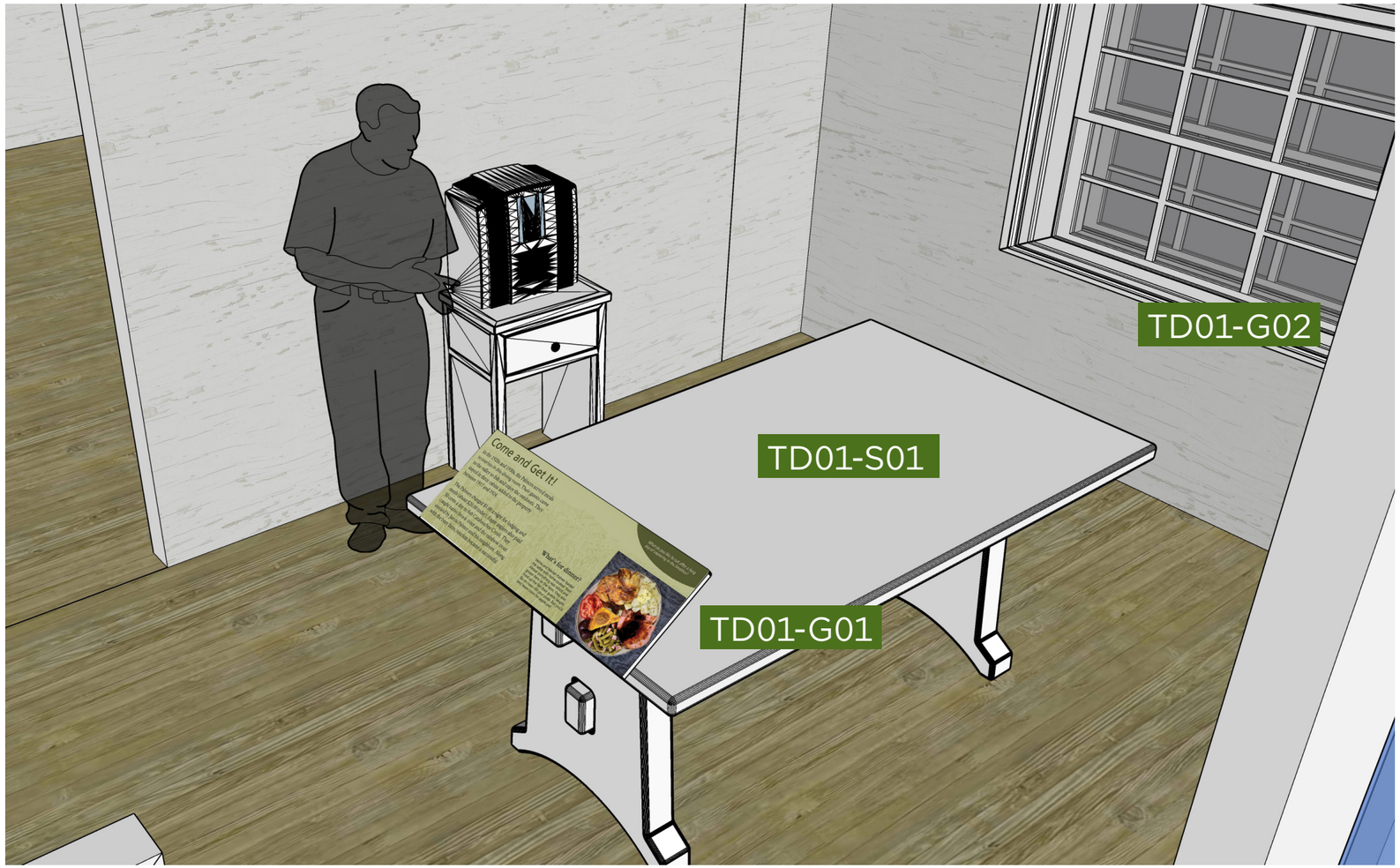
A free-standing concrete object constructed to look like a 1920s-1930s dining table stands in the middle of the room. A low-profile rail panel with text and graphics is attached to the north side of the table, to be read while looking south toward the window.

A vinyl graphic with a transparent background is affixed to the window panes. The graphic is a new illustration of the same view in the autumn, depicted as it would have looked in the late 1920s to early 1930s.

NOTES/QUESTIONS

The object is made of concrete, tinted to look like wood.

MODEL VIEW



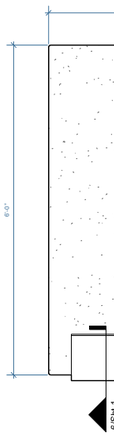
*Rendering for scale and placement only; refer to next page for color treatment and measurements

TD01-S01 DINING TABLE

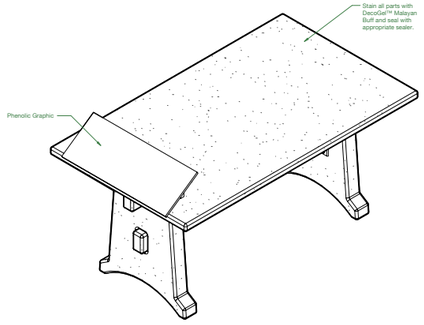
RENDERING WITH INTENDED COLOR TREATMENT



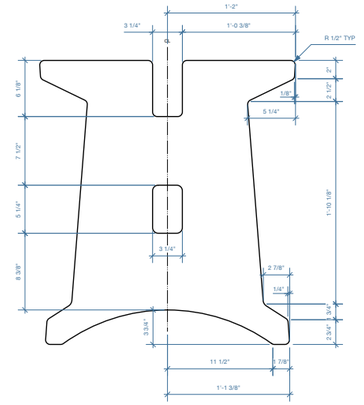
PERSPECTIVE VIEWS



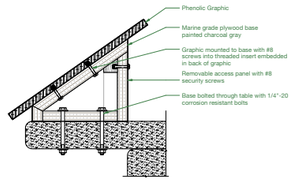
1 Top View
Scale: 1" = 1'-0"



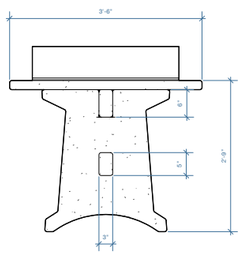
4 3D View
Scale: 1" = 1'-0"



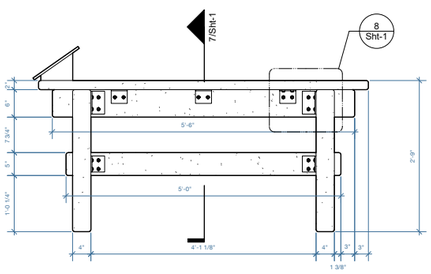
5 Detail A
Scale: 2" = 1'-0"



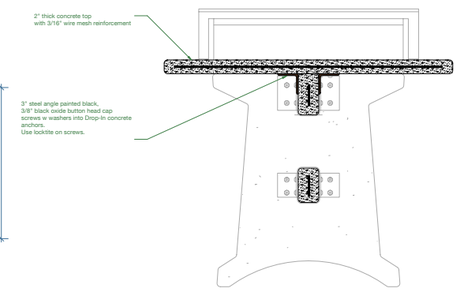
6 Graphic Mount Section
Scale: 3" = 1'-0"



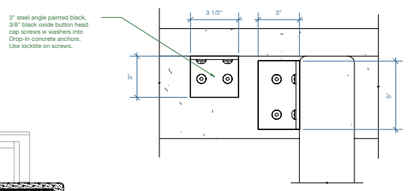
2 Top View
Scale: 1" = 1'-0"



3 Top View
Scale: 1" = 1'-0"



7 [Drawing Title]
Scale: 1 1/2" = 1'-0"



8 Detail C
Scale: 3" = 1'-0"

TD01-G01

BRIEF DESCRIPTION

A graphic panel mounted to a free-standing, fabricated object.

FABRICATION NOTES

- 24"x18"
- 1/8" Outdoor Grade HPL or similar
- Silicone or VHB adherence

THUMBNAIL



TD01-G02

BRIEF DESCRIPTION

A black-and-white illustration on transparent vinyl, adhered to the window.

NOTES & QUESTIONS

- Illustration details have been revised after consultation with content experts.
- This is the final illustration.
- The vinyl will be removable.

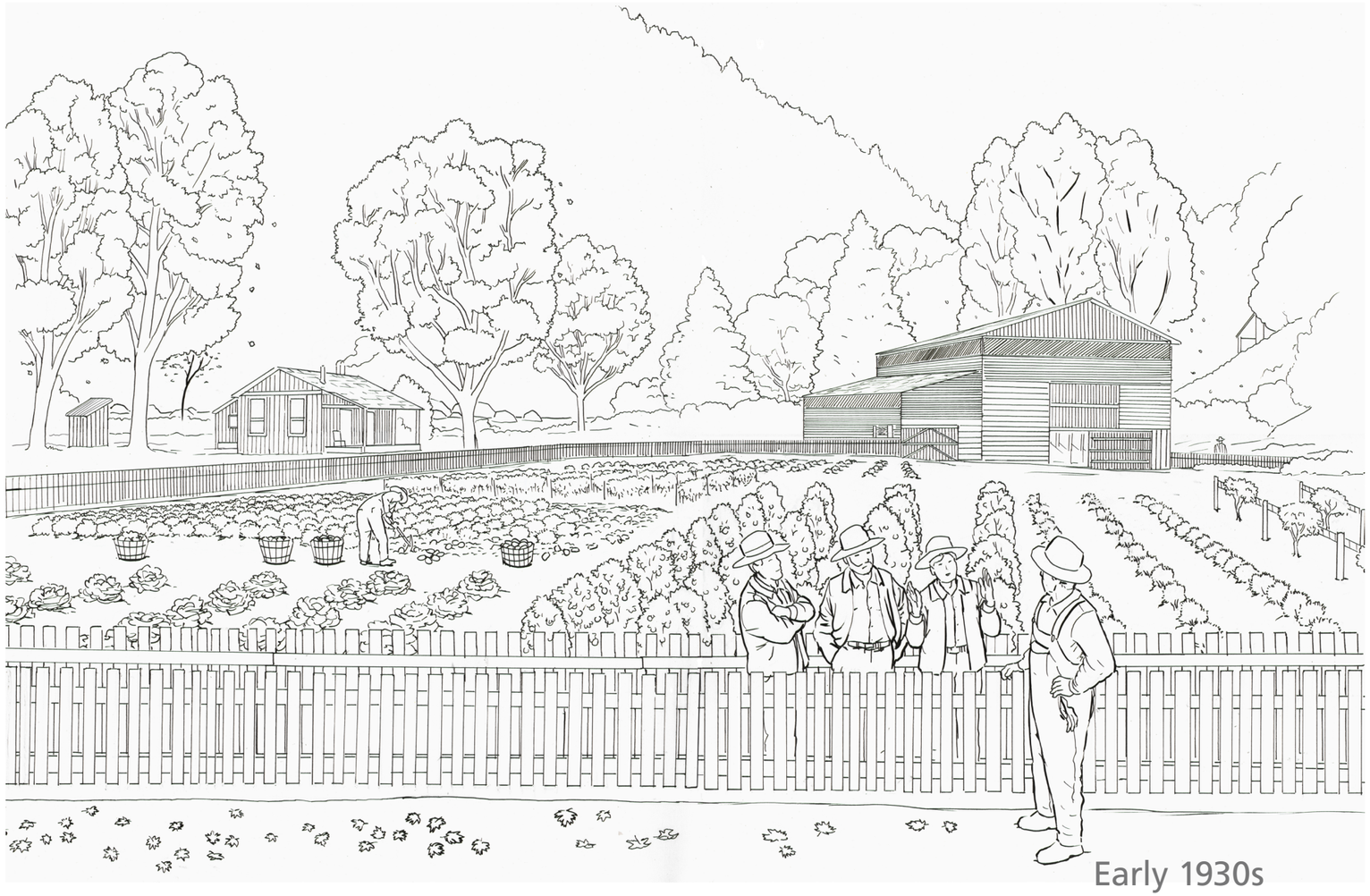
FABRICATION NOTES

- Size TBD
- Direct print to clear adhesive vinyl

Elevation:



THUMBNAIL



See Appendix A for annotated illustration

TD02: TOURIST ECONOMY

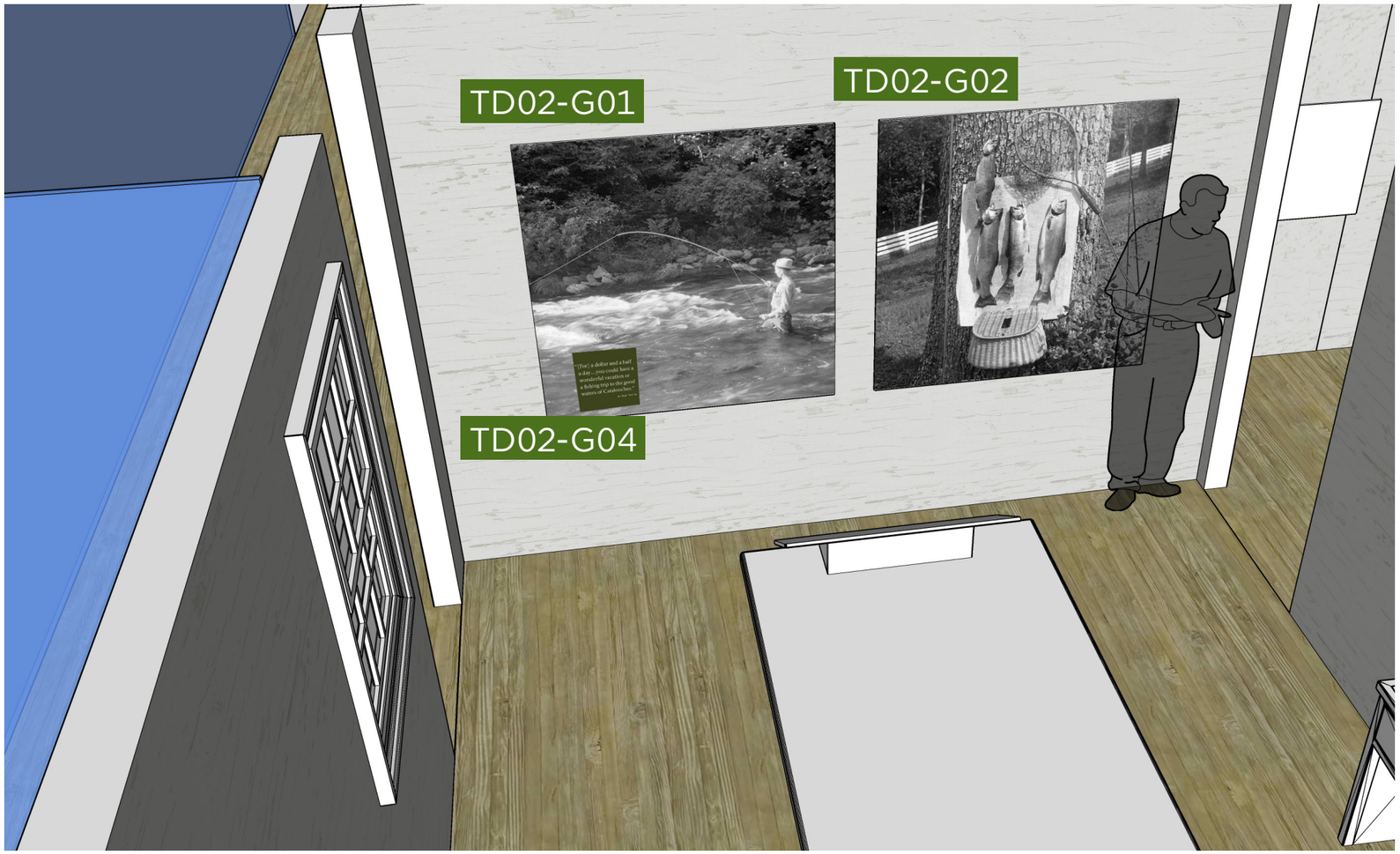
PURPOSE

Reveals how outdoor tourism was happening in Cataloochee in the 1920s-30s and that it was part of the Valley economy.

BRIEF DESCRIPTION

Two image panels, featuring historical fishing photographs in the Smokies from the 1920s -1930s. One image panel has a quote panel attached to it.

ELEVATION



TD02-G01

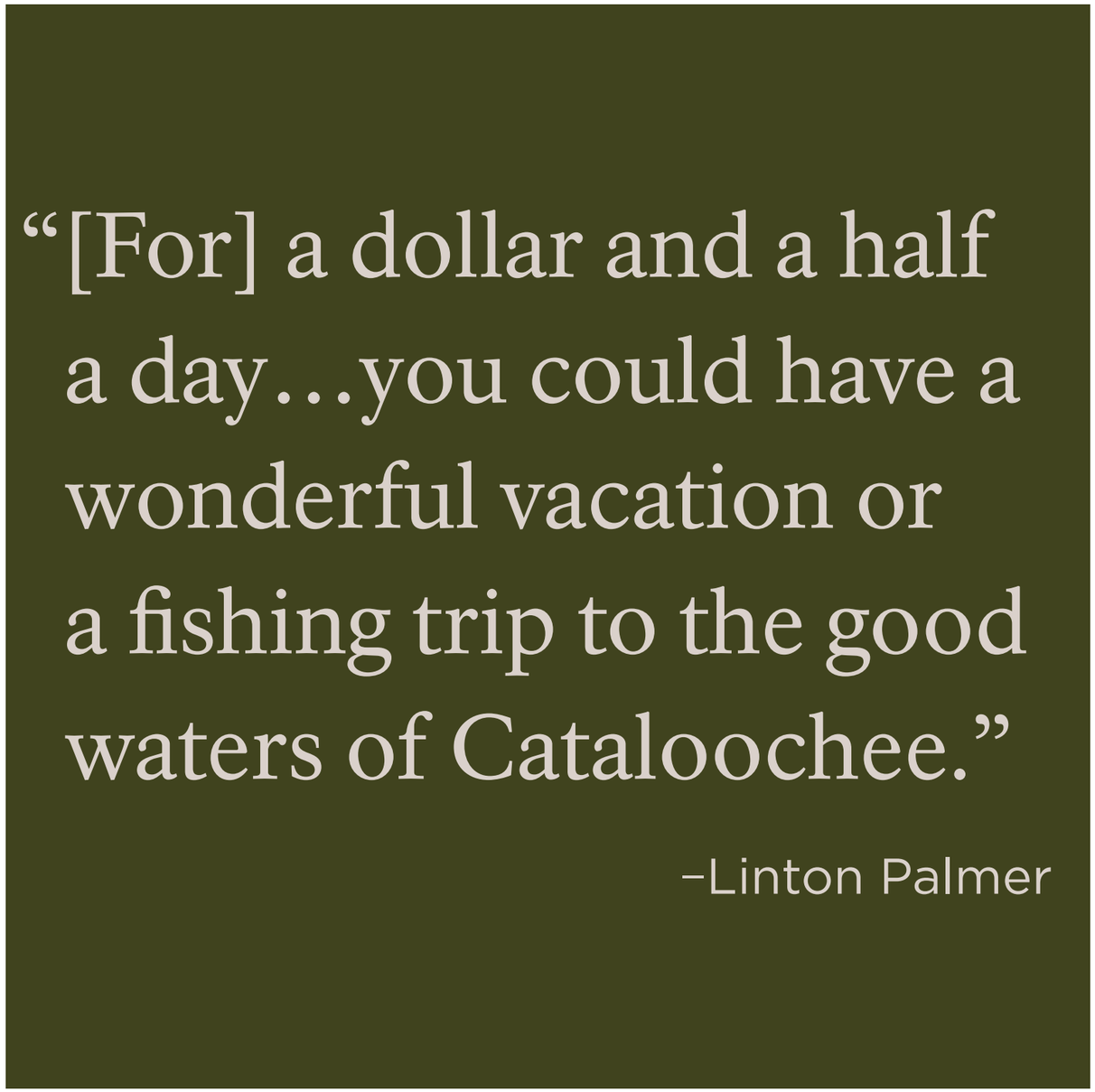
BRIEF DESCRIPTION

A graphic panel mounted to another graphic panel.

FABRICATION NOTES

- Size 9"x9"
- 1/8" Outdoor Grade HPL or Similar
- Silicone or VHB adherence to secondary panel

THUMBNAIL



TD02-G02

BRIEF DESCRIPTION

A graphic panel mounted to the wall.

FABRICATION NOTES

- Size 60"x60"
- 1/2" Outdoor Grade HPL or Similar
- Cleat Mount or other minimal impact mounting

THUMBNAIL



TD02-G04

BRIEF DESCRIPTION

A graphic panel mounted to the wall.

FABRICATION NOTES

- Size 60"x60"
- 1/2" Outdoor Grade HPL or Similar
- Cleat Mount or other minimal impact mounting

THUMBNAIL



TD03: HOME RADIO

PURPOSE

Adds an audio dimension to the visitor experience and helps set the scene in the 1920s -1930s, when this space was used as a dining room for tourists.

BRIEF DESCRIPTION

A free-standing concrete object constructed to look like a 1930s home radio receiving set on a side table sits in the room. Audio plays, not from the radio object itself, but from a speaker embedded inside of the object.

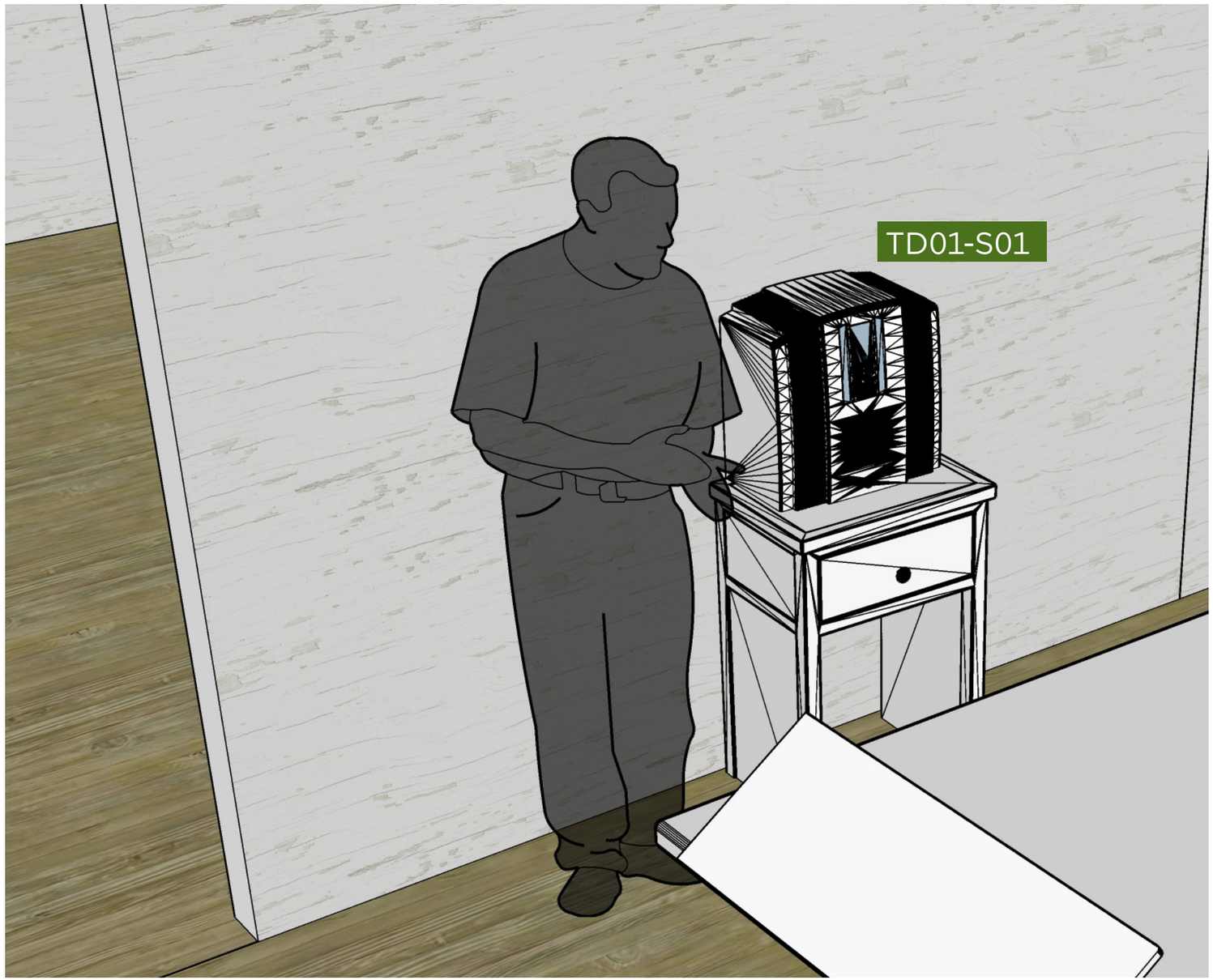
The audio content is "Radio Cataloochee," the custom radio broadcast created for the Palmer House exhibits. The broadcast will include music and radio programs that Cataloochee residents would have listened to in the 1920s-1930s. It also could include portions of oral history interviews from area archives or from the Cataloochee Valley video once played in the Palmer House.

The audio plays intermittently on a loop during the hours when visitors are most likely to be inside the house. It could possibly be triggered to play upon entry to the house.

NOTES/QUESTIONS

The radio transmitter and player will be safely and unobtrusively stored in the ceiling of the dining hall, encased in a weather-resistant case. Neither the transmitter nor the player are much larger than a deck of cards. They will require a power source, which could potentially be provided by solar power.

MODEL VIEW



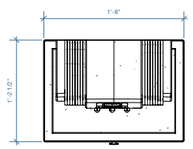
*Rendering for scale and placement only; refer to next page for color treatment and measurements

TD03-S01 RADIO

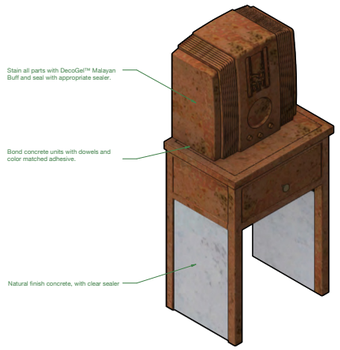
RENDERING WITH INTENDED COLOR TREATMENT



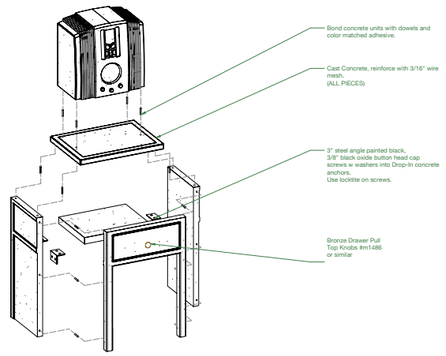
PERSPECTIVE VIEWS



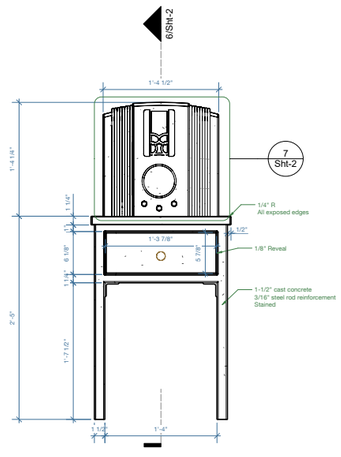
1 Top View
Scale: 1 1/2" = 1'-0"



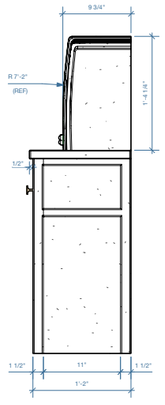
3 Left Isometric View
Scale: 1 1/2" = 1'-0"



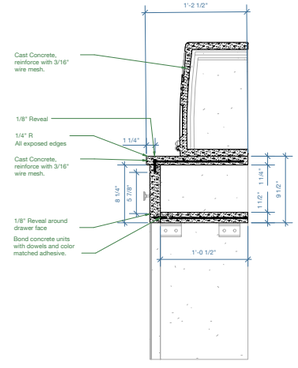
5 Exploded View
Scale: 1" = 1'-0"



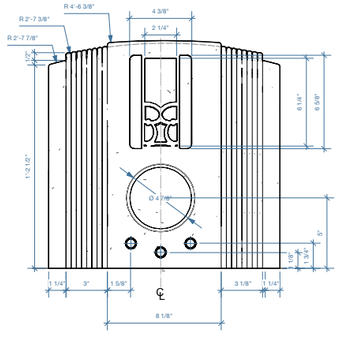
2 Front View
Scale: 1 1/2" = 1'-0"



4 Right View
Scale: 1 1/2" = 1'-0"



6 Section View
Scale: 1 1/2" = 1'-0"



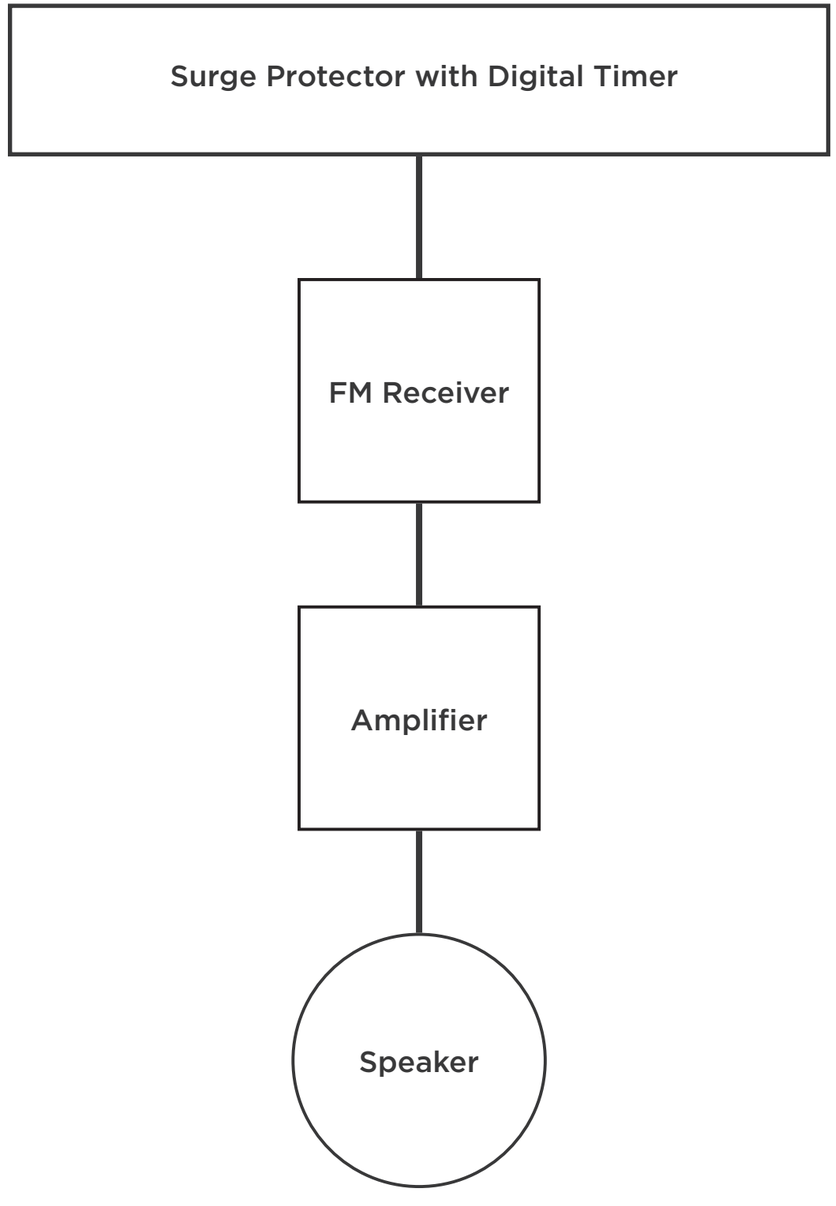
7 Detail
Scale: 3" = 1'-0"

TD03-S01 RADIO

NOTES & QUESTIONS

- The radio will be attached to a surge protector that has an internal timer.
- The radio and stand will be anchored to the wall with an open back for servicing.
- The existing outlet will need to be moved up to hide it and prevent tampering.
- The possibility for motion triggered audio play upon house entry exists. Adding motion sensing will add costs and complexity and create another potential failure point.

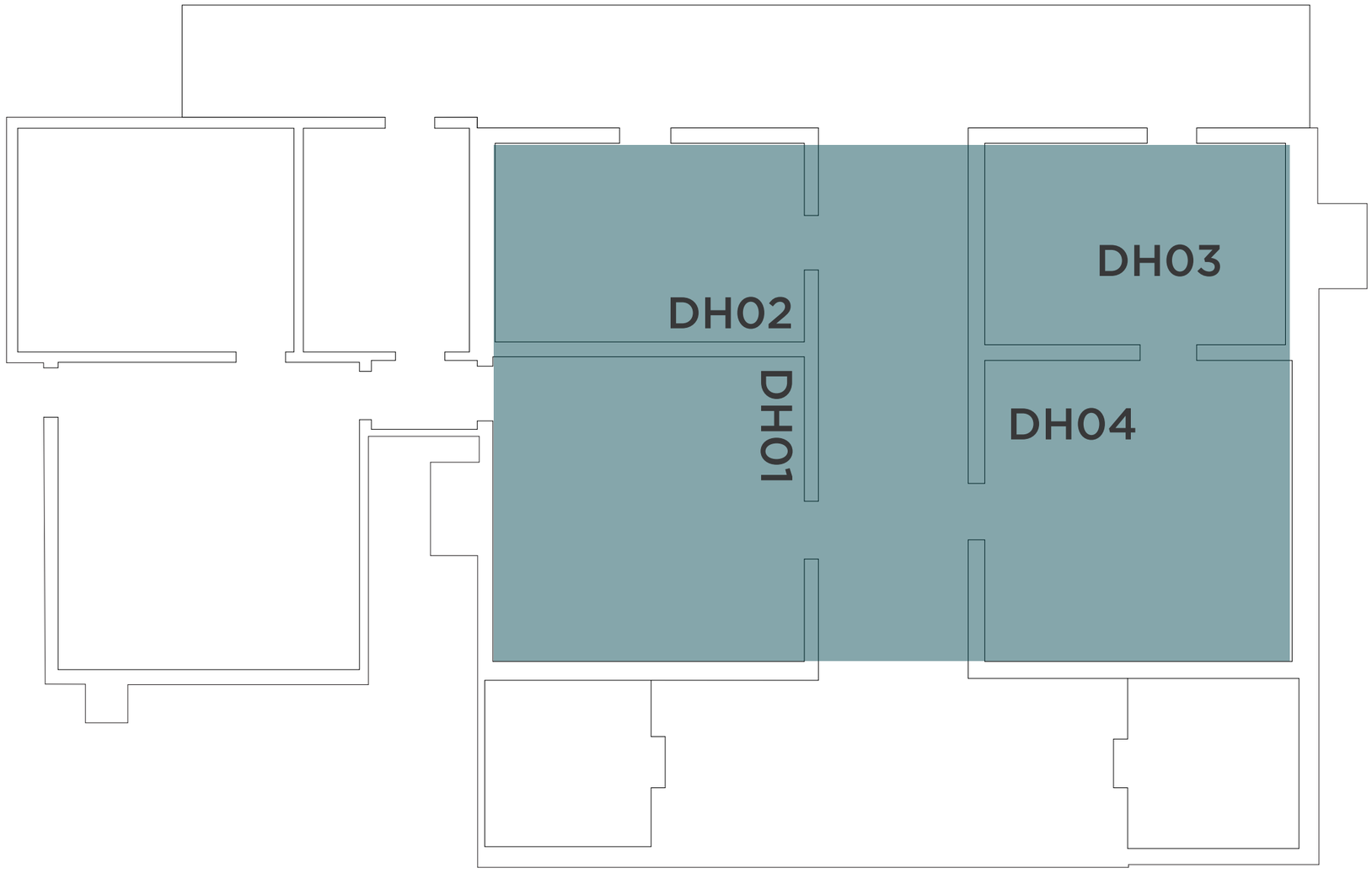
WIRING DIAGRAM



DOGTROT HOUSE: DH

PURPOSE

DH reveals layers of Palmer family and Hannah family history lived in and viewed from the dogtrot house from 1900 to 1950.



DH01: HANNAH RESIDENCE

PURPOSE

Incorporates the Mark Hannah family and the early NPS period into the house's history.

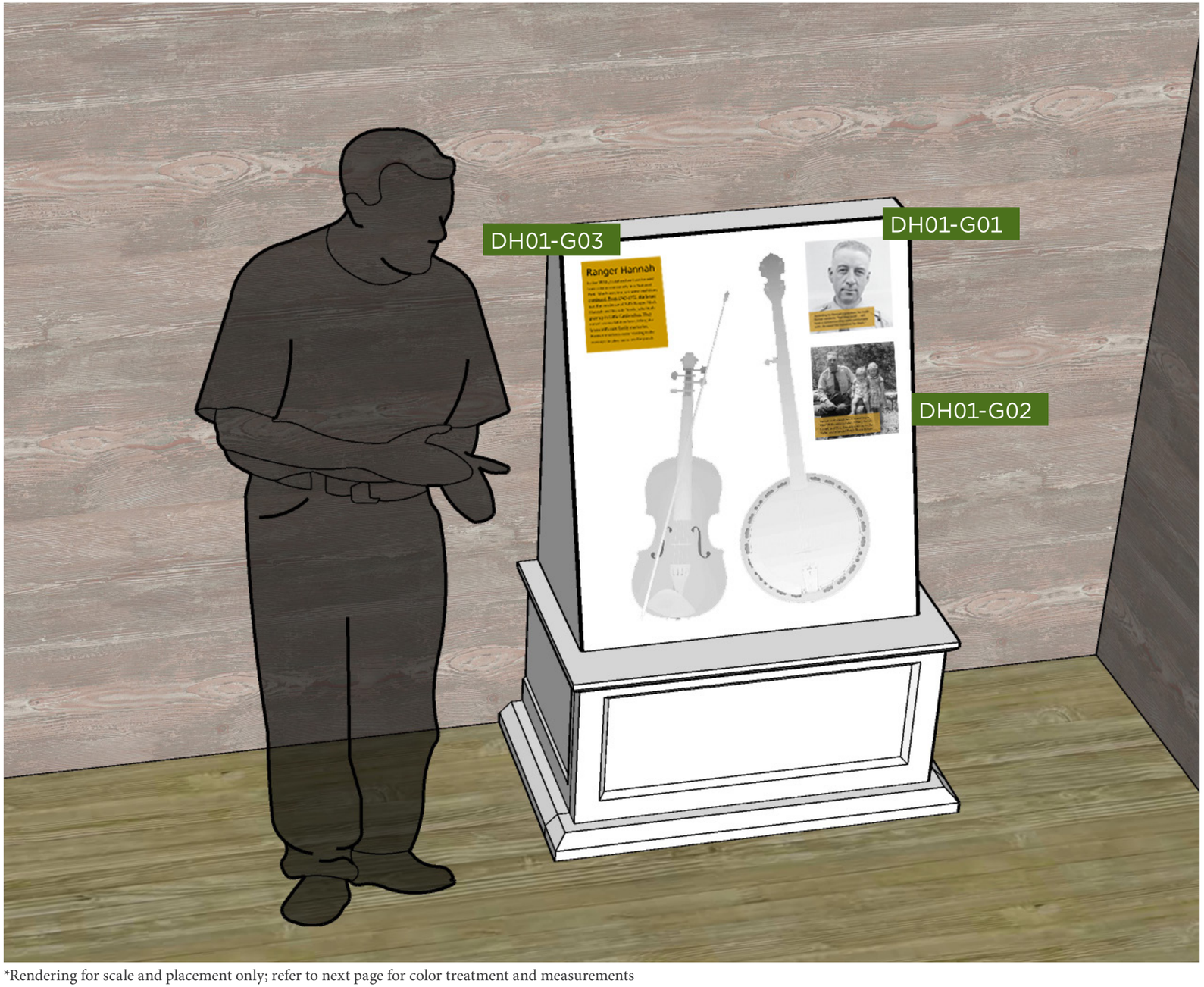
BRIEF DESCRIPTION

A free-standing concrete object stands in the room. The object is a block with the shapes of a banjo, fiddle, and bow embossed on the surface. Three graphic panels with text and images are attached to the object.

NOTES/QUESTIONS

The object is made of concrete, tinted to look like wood. Location is TBD.

MODEL VIEW:



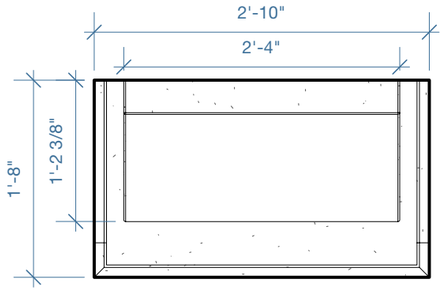
*Rendering for scale and placement only; refer to next page for color treatment and measurements

DH01-S01 INSTRUMENTS

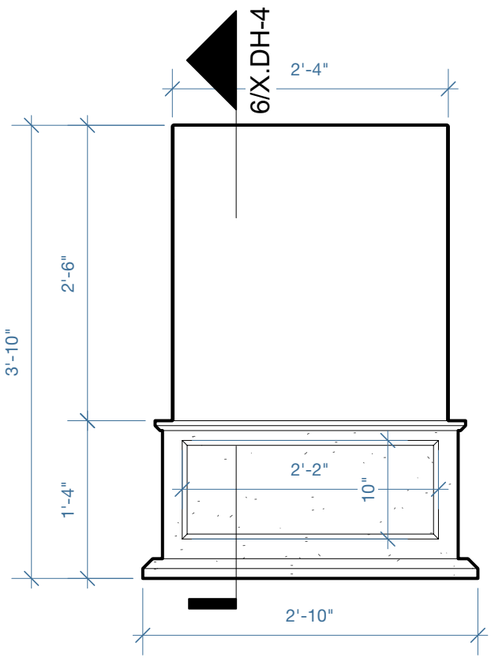
RENDERING WITH INTENDED COLOR TREATMENT



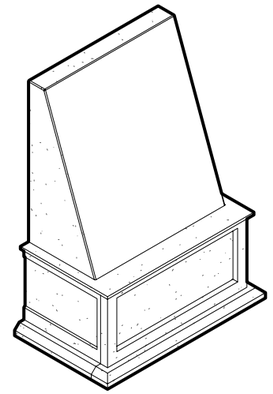
PERSPECTIVE VIEWS



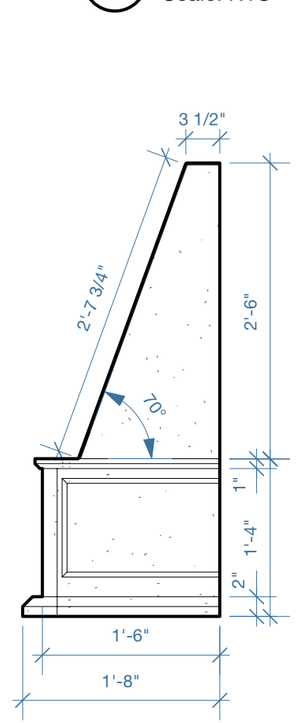
1 Top View
Scale: 3/4" = 1'-0"



2 Front View
Scale: 3/4" = 1'-0"



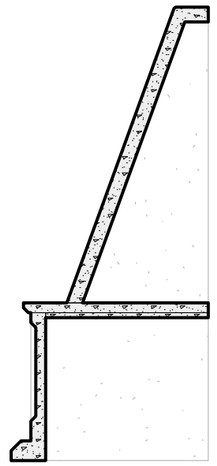
4 RightView
Scale: NTS



3 RightView
Scale: 3/4" = 1'-0"



"DepthMap" to be used in CAM Fabrication



6 Section
Scale: 3/4" = 1'-0"

DH01-G01

BRIEF DESCRIPTION

A graphic panel mounted to a free-standing, fabricated object.

FABRICATION NOTES

- 8.5"x8.5"
- 1/8" Outdoor Grade HPL or Similar
- Silicone or VHB adherence

THUMBNAIL



DH01-G02

BRIEF DESCRIPTION

A graphic panel mounted to a free-standing, fabricated object.

FABRICATION NOTES

- 8.5"x8.5"
- 1/8" Outdoor Grade HPL or Similar
- Silicone or VHB adherence

THUMBNAIL



Hannah with daughters Lois and Joyce, 1942. With siblings Helen, Lillian, Harold, Lowell, and Don, the girls grew up in the Valley and attended Beech Grove School.

DH01-G03

BRIEF DESCRIPTION

A graphic panel mounted to a free-standing, fabricated object.

FABRICATION NOTES

- 8.5"x8.5"
- 1/8" Outdoor Grade HPL or Similar
- Silicone or VHB adherence

THUMBNAIL



DH02: NEIGHBORLY VISIT

PURPOSE

Evokes the close-knit, social character of the Cataloochee community.

BRIEF DESCRIPTION

A free-standing concrete object constructed to look like an early 1900s cooking range stands in the room. A text panel is attached to the object.

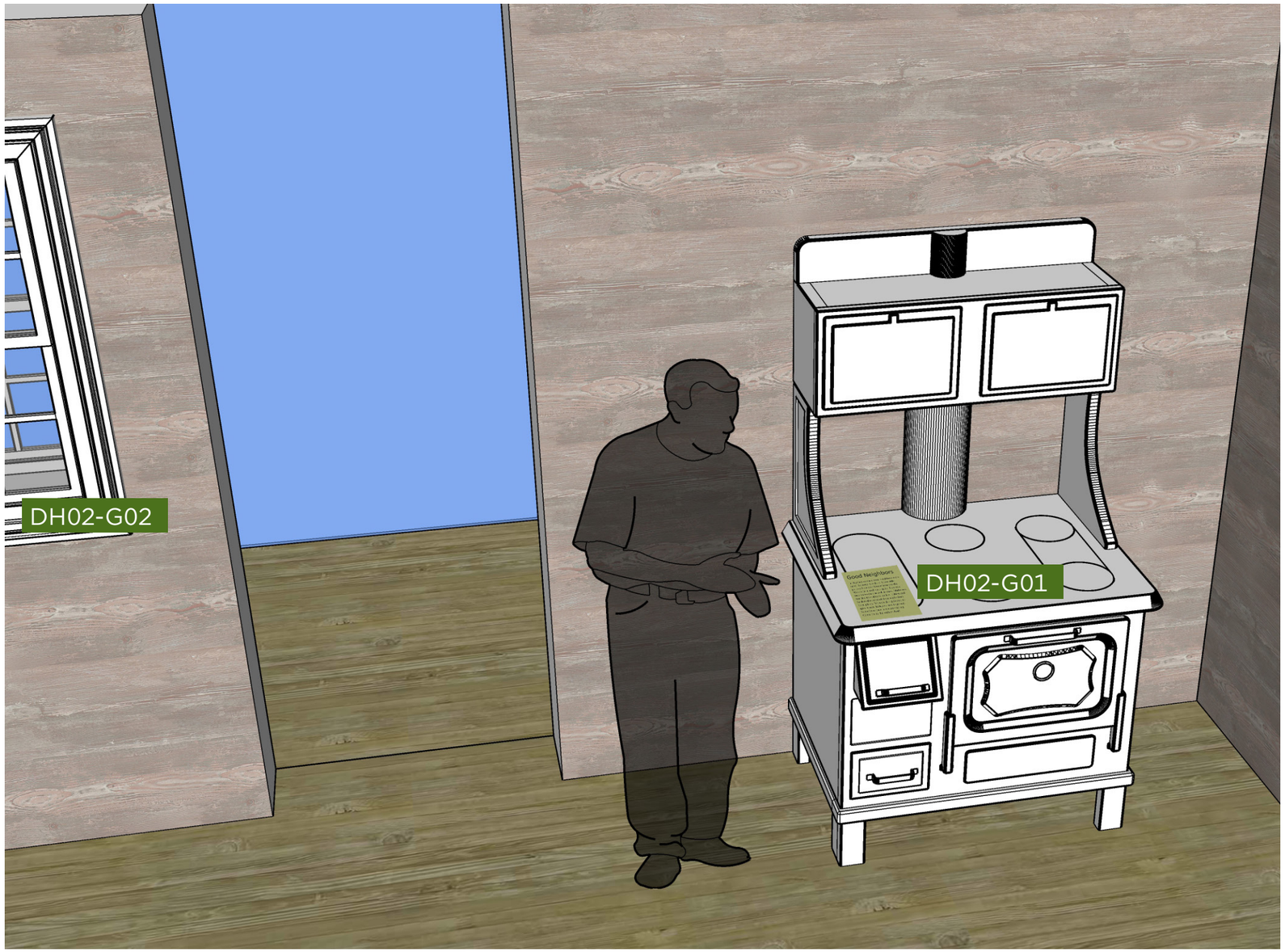
A vinyl graphic with a transparent background is affixed to the window panes. Out the window, the front porch, springhouse, and blacksmith shop as well as the front yard and original road are visible through the graphic. The graphic depicts the same view in the early 1900s with a neighbor approaching for a visit in winter.

The NPS might consider placing a rocking chair on the porch (secured against theft) that will be visible through the window.

NOTES/QUESTIONS

The object is made of concrete, tinted to look like black metal.

MODEL VIEW



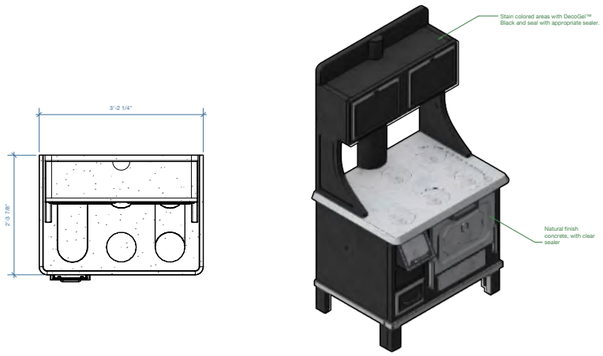
*Rendering for scale and placement only; refer to next page for color treatment and measurements

DH02-S01 STOVE

RENDERING WITH INTENDED COLOR TREATMENT

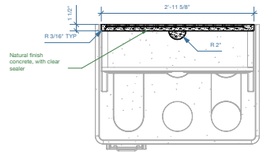


PERSPECTIVE VIEWS

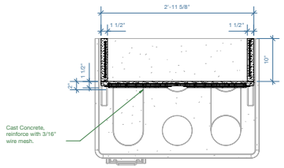


4 Top View
Scale: 1" = 1'-0"

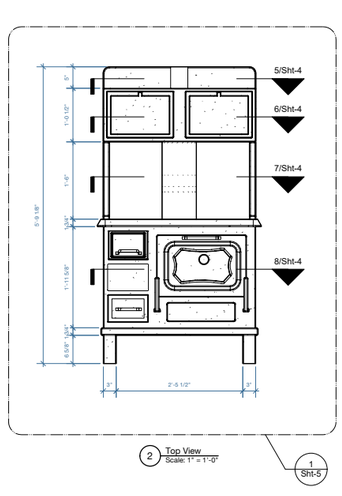
1 Top View
Scale: 1" = 1'-0"



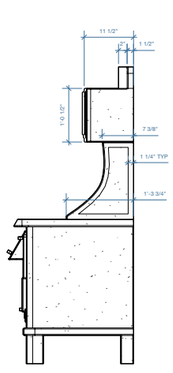
5 Section @ top
Scale: 1" = 1'-0"



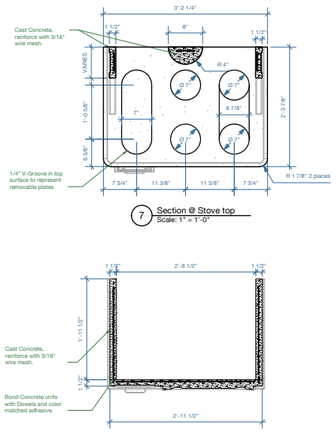
6 Section @ upper cabinet
Scale: 1" = 1'-0"



2 Top View
Scale: 1" = 1'-0"

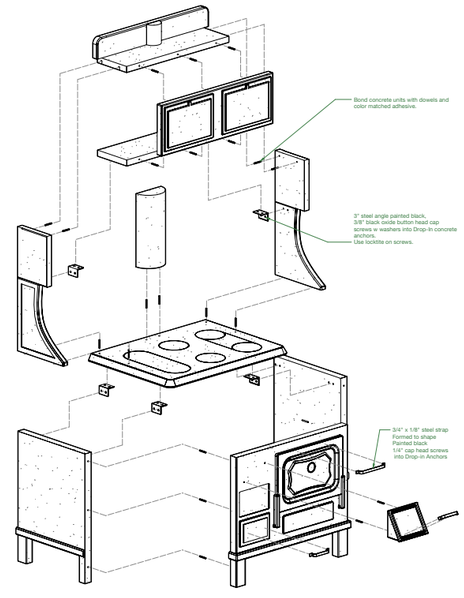


3 Top View
Scale: 1" = 1'-0"



7 Section @ Stove top
Scale: 1" = 1'-0"

8 Section @ lower cabinet
Scale: 1" = 1'-0"



9 Exploded View
Scale: 1" = 1'-0"

DH02-G01

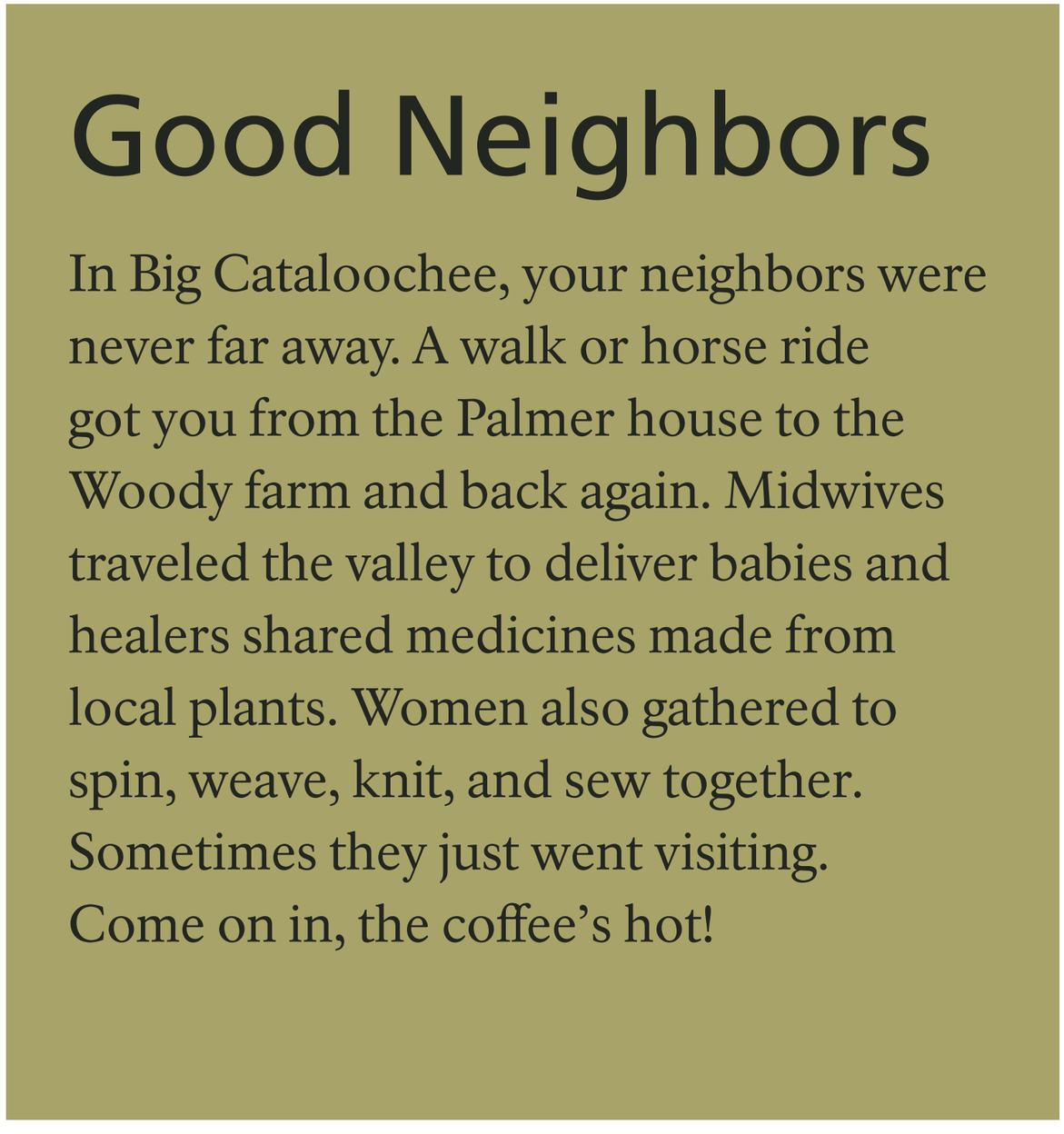
BRIEF DESCRIPTION

A graphic panel mounted to a free-standing, fabricated object.

FABRICATION NOTES

- 8.5"x8.5"
- 1/8" Outdoor Grade HPL or Similar
- Silicone or VHB adherence

THUMBNAIL



DH02-G02

BRIEF DESCRIPTION

A black-and-white illustration on transparent vinyl, adhered to the window.

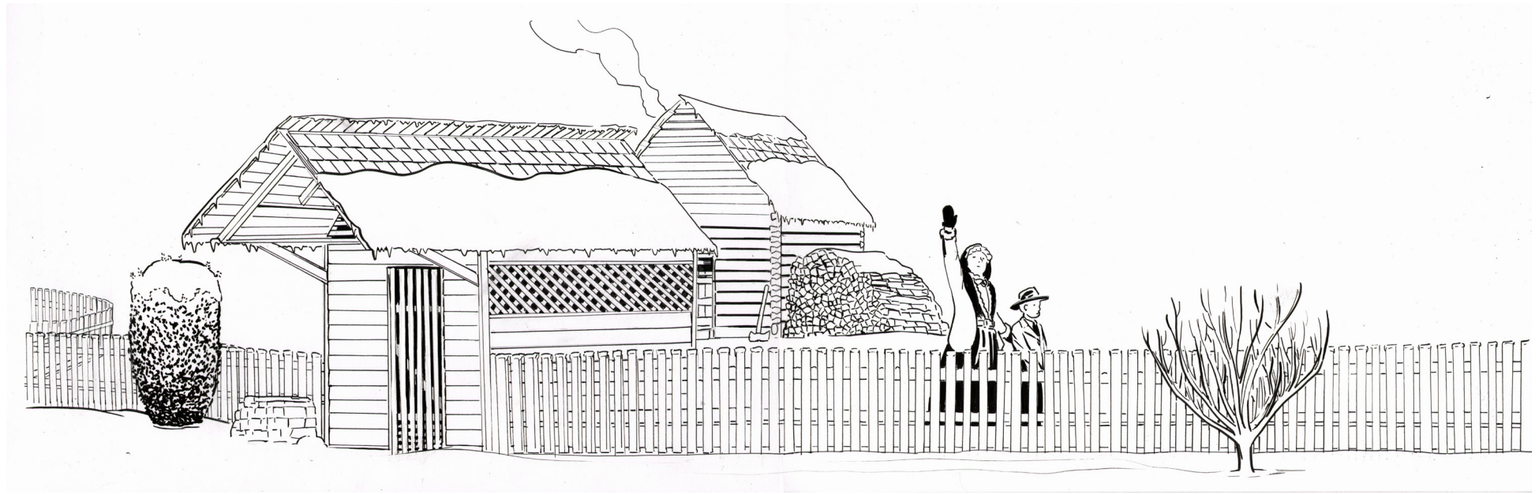
NOTES & QUESTIONS

- Illustration details have been revised after consultation with content experts.
- This is the final illustration.
- The vinyl will be removable.

FABRICATION NOTES

- Final size will be determined by window measurements
- White ink printed on clear adhesive, removable vinyl

THUMBNAIL



Early 1900s

See Appendix A for annotated illustration

DH03: WALL LAYERS

PURPOSE

Demonstrates how the interior walls reveal improvements to the house and the family's growing prosperity over time.

BRIEF DESCRIPTION

An excavated section in one of the rooms reveals the layers of wall materials used over time: rough-hewn log, hand-planed lumber, and wallpaper. The section is protected via a plexiglass box.

A graphic panel with related text is attached to the wall.

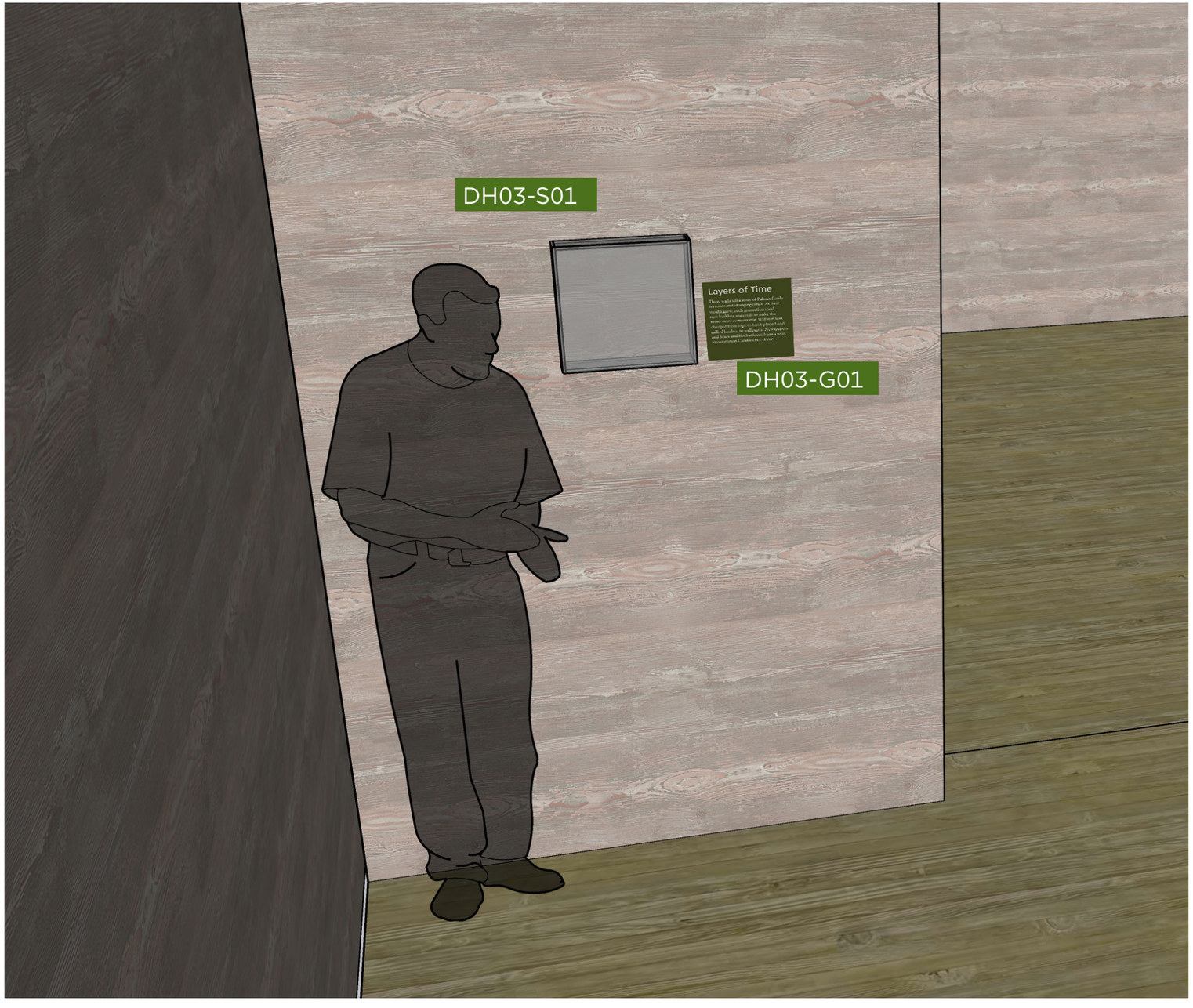
NOTES/QUESTIONS

Wall excavation will depend on SHPO approval.

Location will depend on which wall best demonstrates the layers of surfaces used over time, as well as available lighting.

This exhibit connects visually and conceptually to the three panels interpreting generations of Palmer households in PG01.

MODEL VIEW



DH03-S01 ACRYLIC BOX

BRIEF DESCRIPTION

A clear acrylic box attached to the wall to preserve intentionally removed layers of material.

FABRICATION NOTES

- Off-the-shelf acrylic box
- 12"x12"x4"
- Fabricator to recommend minimal-impact attachment method



Sample of acrylic box to be attached to the wall to preserve intentional layers

DH03-G01

BRIEF DESCRIPTION

A graphic panel mounted to the wall.

FABRICATION NOTES

- 8.5"x8.5"
- 1/2" Outdoor Grade HPL or Similar
- Cleat Mount

THUMBNAIL



DH04: FARM TO MARKET

PURPOSE

Demonstrates that this was a profitable commercial farm during the second and third generations of Palmer residence.

BRIEF DESCRIPTION

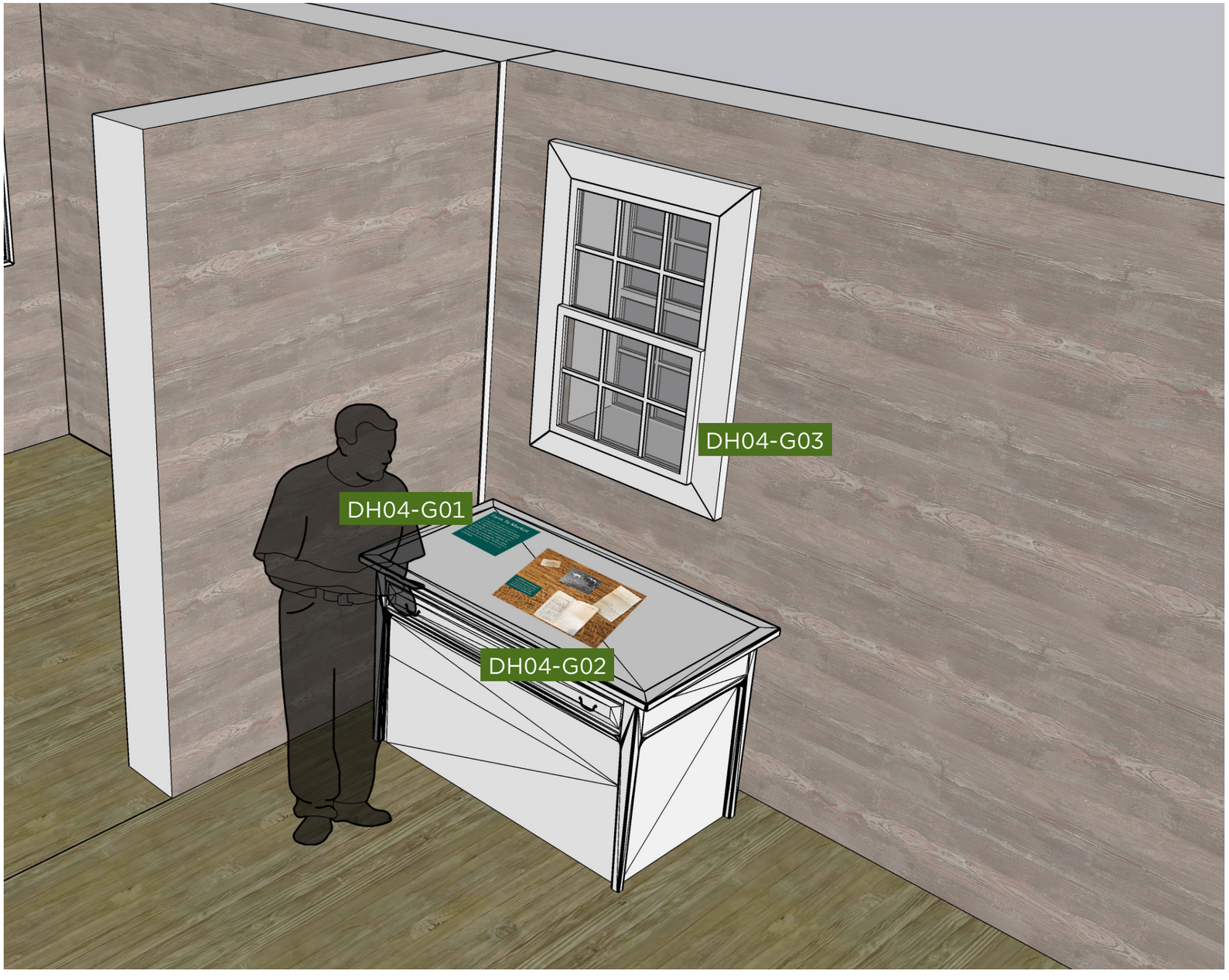
A free-standing concrete object constructed to look like a 1920s writing desk stands along one wall. Two graphic panels are attached to the object. One is a text panel; the other is an image panel depicting handwritten entries of agricultural records, as in a ledger.

A vinyl graphic with a transparent background is affixed to the window panes. The graphic is an illustration of the same view in the 1920s in spring, showing the land cleared for cultivation, crops and orchards, livestock, and the original road in the background.

NOTES/QUESTIONS

The object is made of concrete, tinted to look like wood.

MODEL VIEW



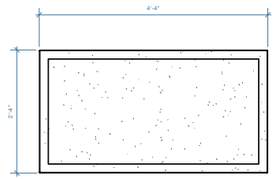
*Rendering for scale and placement only; refer to next page for color treatment and measurements

DH04-E01 WRITING DESK

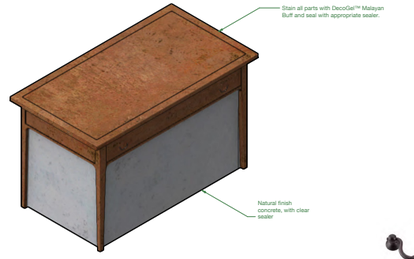
RENDERING WITH INTENDED COLOR TREATMENT



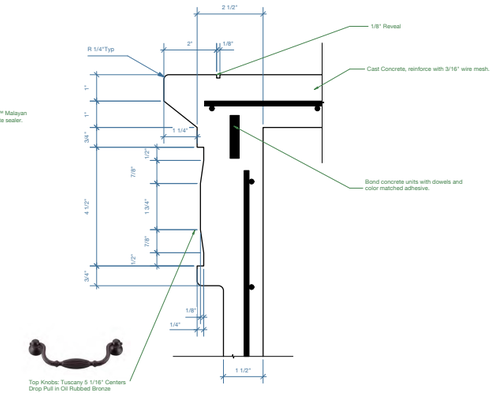
PERSPECTIVE VIEWS



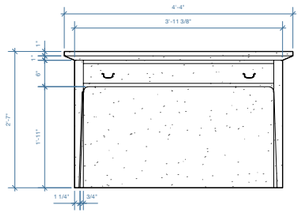
8 Top View
Scale: 1" = 1'-0"



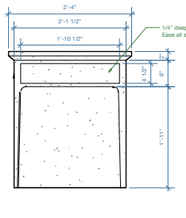
11 Top View
Scale: 1" = 1'-0"



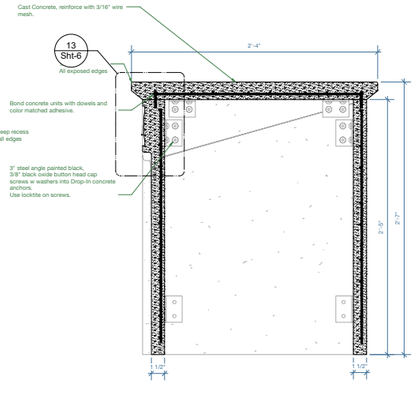
13 Detail A
Scale: Half Actual Size



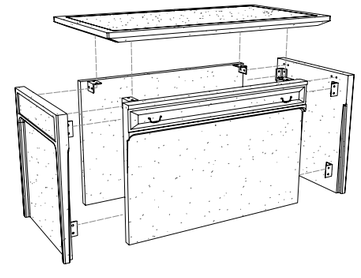
9 Front View
Scale: 1" = 1'-0"



10 Side View
Scale: 1" = 1'-0"



12 Section View
Scale: 2" = 1'-0"



14 Exploded View
Scale: Half Actual Size

DH04-G01

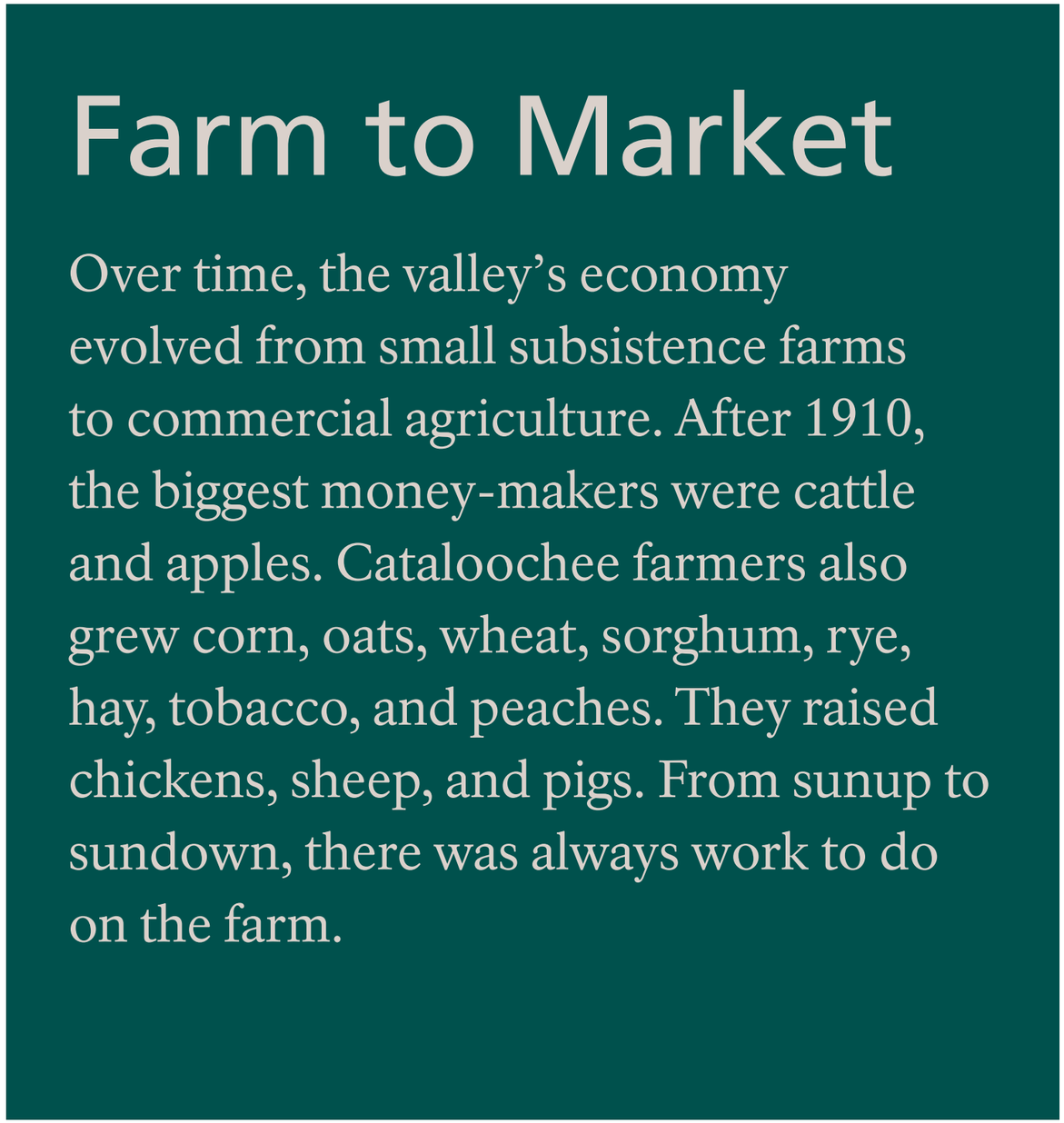
BRIEF DESCRIPTION

A graphic panel mounted to a free-standing, fabricated object.

FABRICATION NOTES

- 8.5"x8.5"
- 1/8" Outdoor Grade HPL or Similar
- Silicone or VHB adherence

THUMBNAIL



DH04-G02

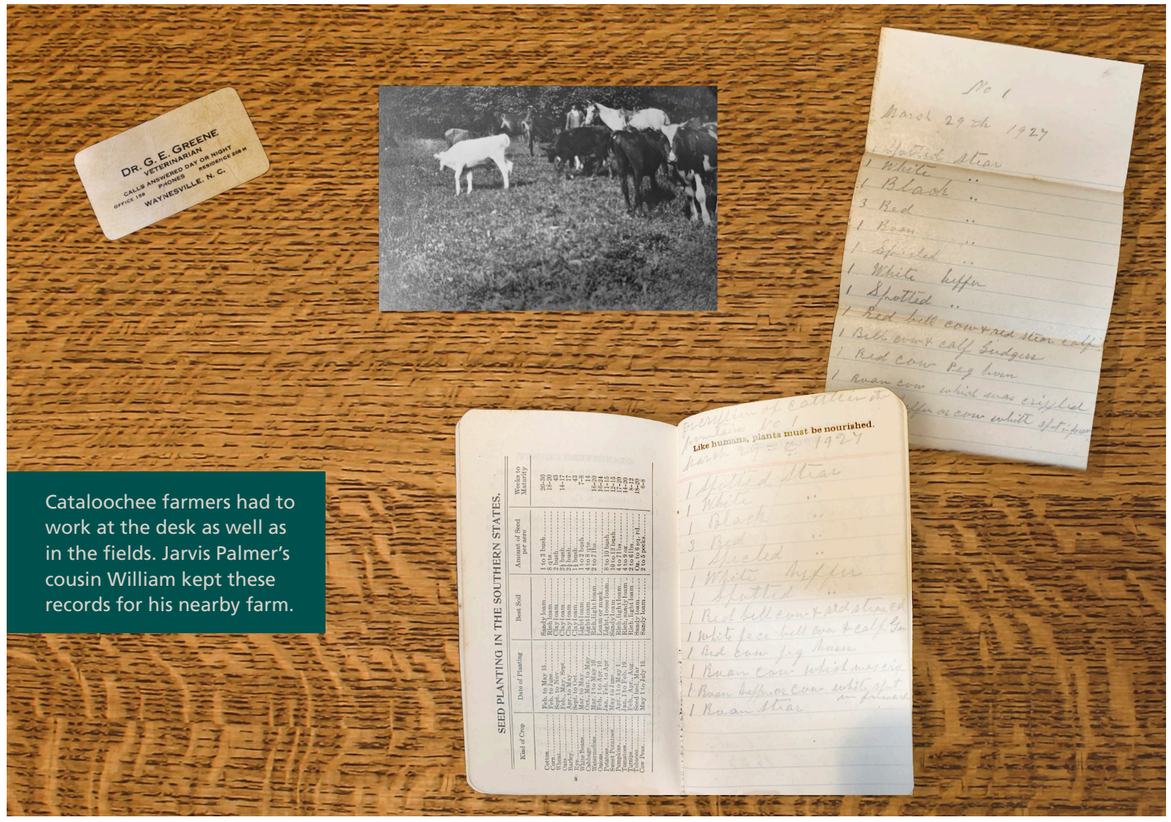
BRIEF DESCRIPTION

A graphic panel attached to a free-standing, fabricated object.

FABRICATION NOTES

- 8.5"x8.5"
- 1/8" Outdoor Grade HPL or Similar
- Silicone or VHB adherence

THUMBNAIL



Cataloochee farmers had to work at the desk as well as in the fields. Jarvis Palmer's cousin William kept these records for his nearby farm.

DH04-G03

BRIEF DESCRIPTION

A black-and-white illustration on transparent vinyl, adhered to the window.

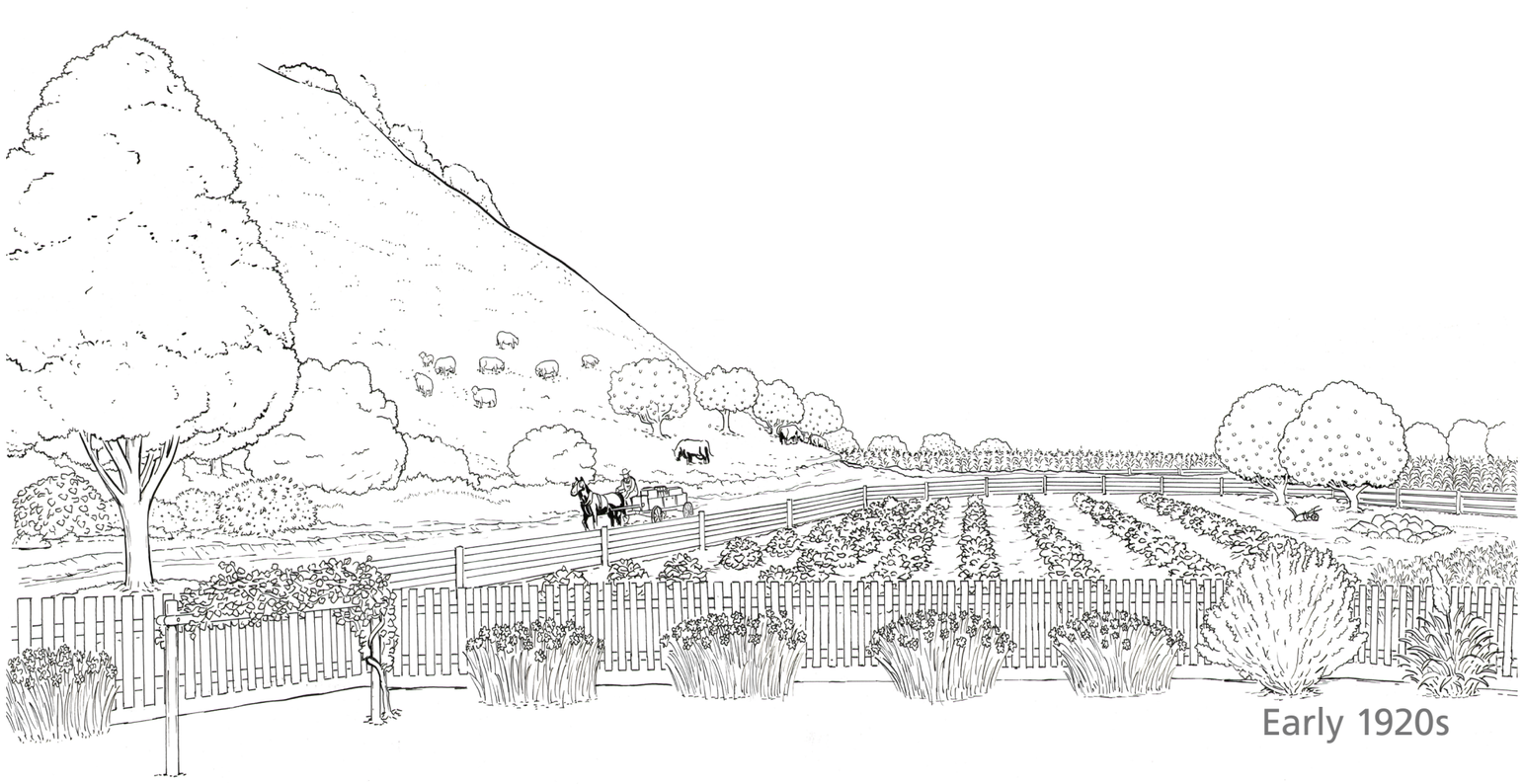
NOTES & QUESTIONS

- Illustration details have been revised after consultation with content experts.
- This is the final illustration.
- The vinyl will be removable.

FABRICATOR NOTES

- Final size will be determined by window measurements
- White ink printed on clear adhesive, removable vinyl

THUMBNAIL



See Appendix A for annotated illustration

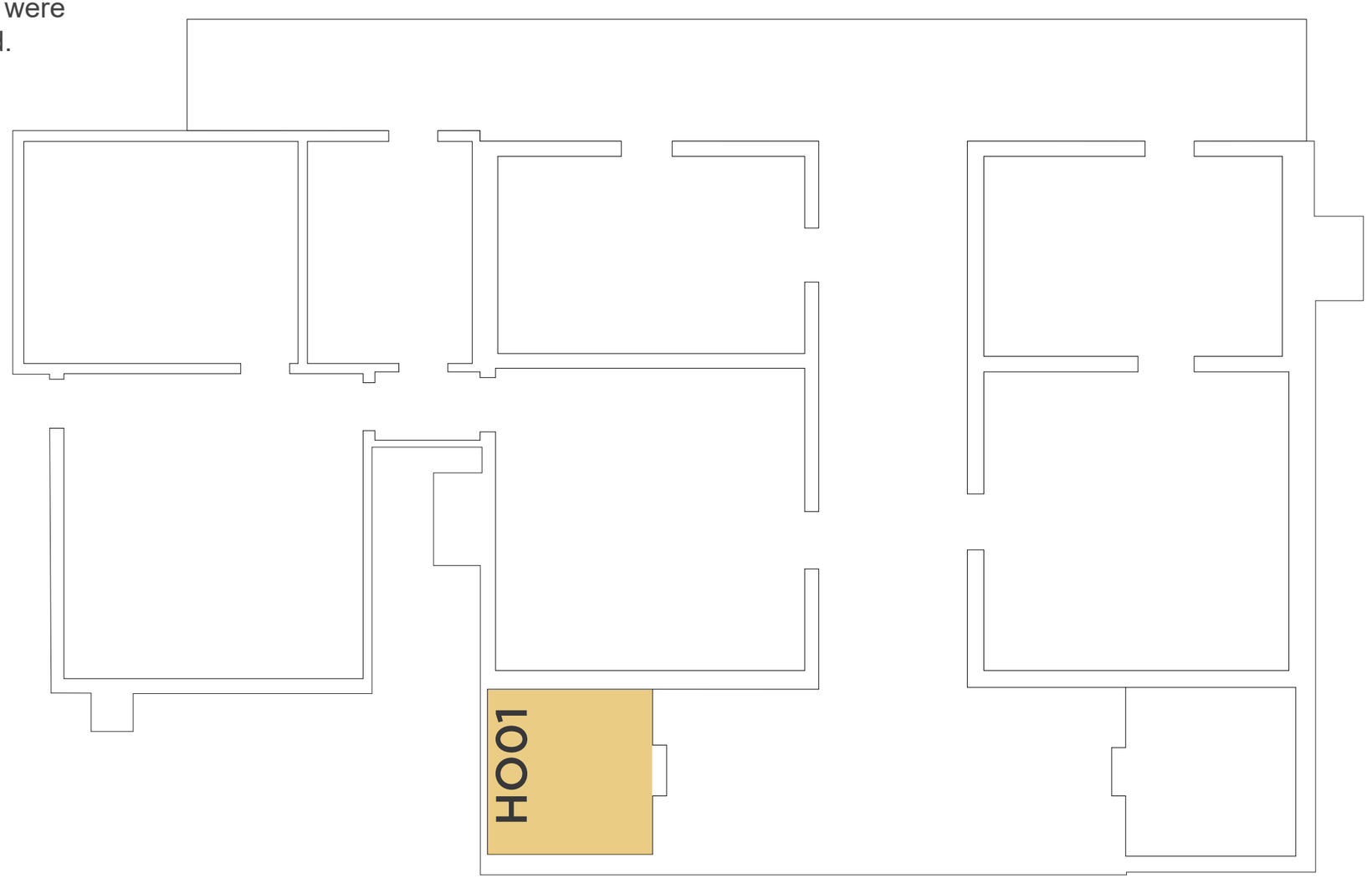
HOME OFFICE: HO

PURPOSE

HO interprets use of one room in the house as a community post office during the Palmer residence and ranger's office during the NPS period.

EXPERIENCE OBJECTIVE

Visitors will realize how Cataloochee residents were connected to each other and to the wider world.



HO01: OFFICE OVER TIME

PURPOSE

Reveals how part of the house served as a post office for the Big Cataloochee community and a ranger station for the Park.

BRIEF DESCRIPTION

A free-standing concrete object constructed to look like the Palmer postal desk stands along one wall. Two additional concrete objects look like they're sitting on the desk: a 1940s-era tabletop radio and a 1940s-era NPS ranger hat.

A text panel with text and images is attached to the desk. Two graphic panels are attached to the wall; one is a text panel with a quote, the other a larger image panel featuring a 1940s map of GRSM.

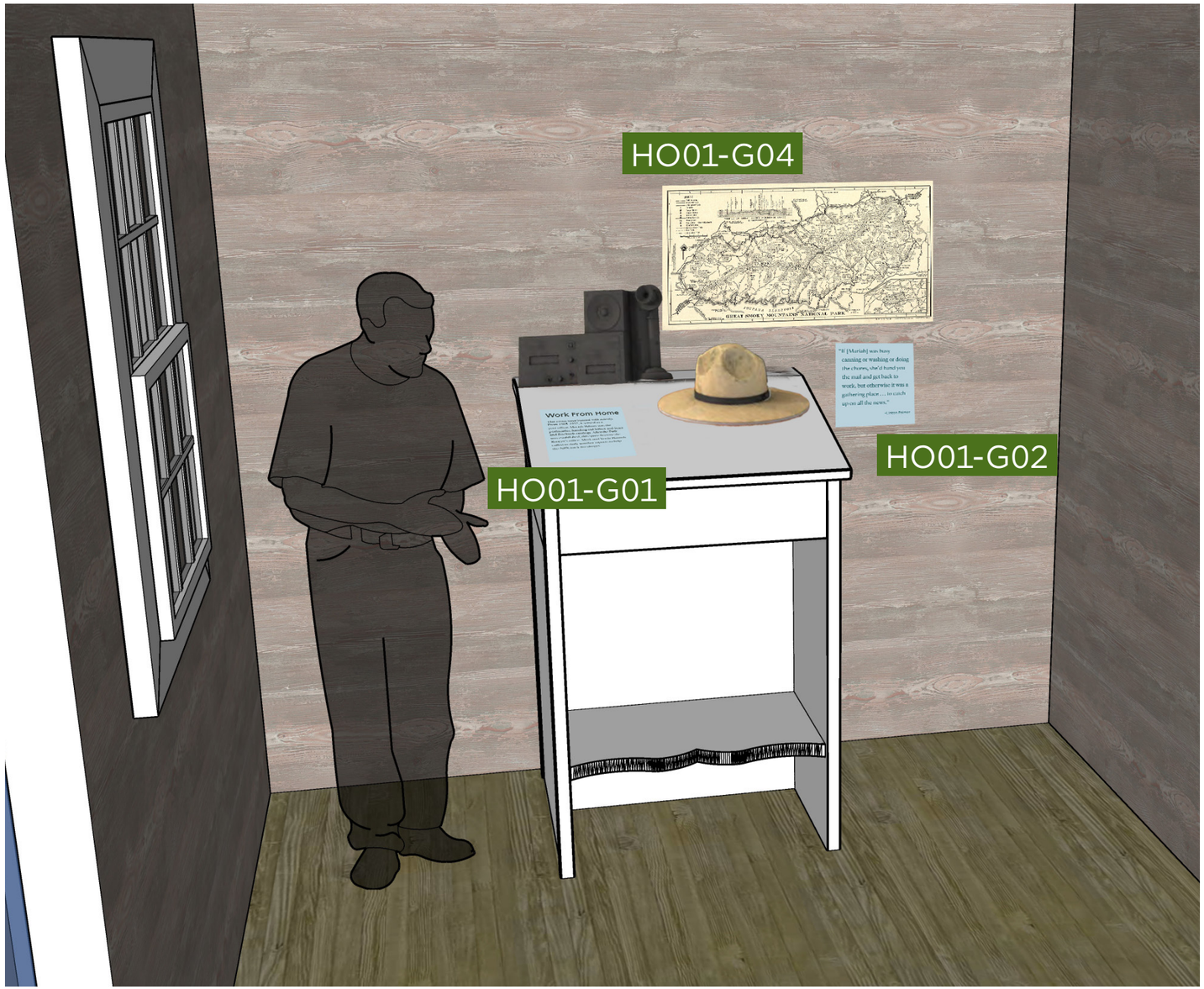
NOTES/QUESTIONS

The object is made of concrete, tinted to look like wood. It is modeled after the existing reproduction of the Palmer postal desk, using provided photos and dimensions.



Example of concrete tinted and textured

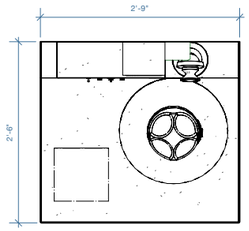
MODEL VIEW



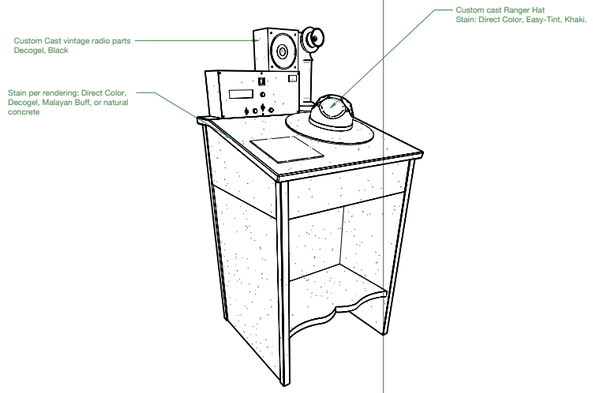
*Rendering for scale and placement only. Refer to next page for color treatment and measurements

HO01-S01 POSTAL DESK

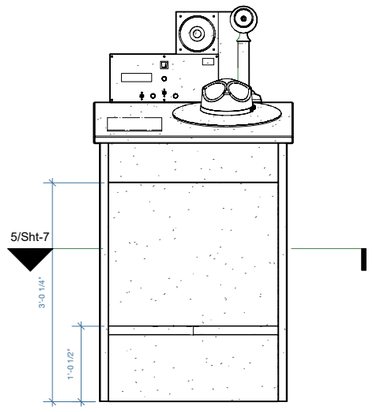
PERSPECTIVE VIEWS



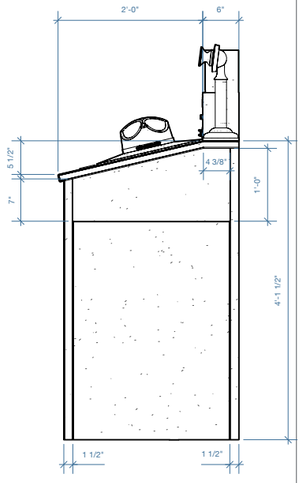
1 Top View
Scale: 1" = 1'-0"



4 3D View
Scale: NTS



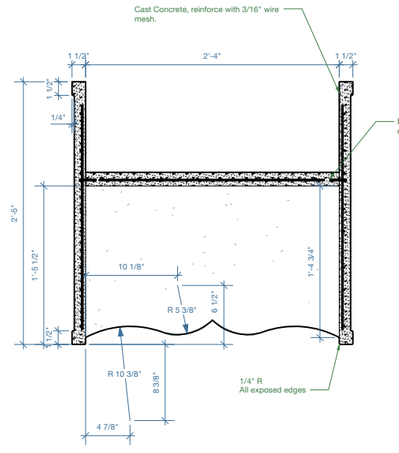
2 Front View
Scale: 1" = 1'-0"



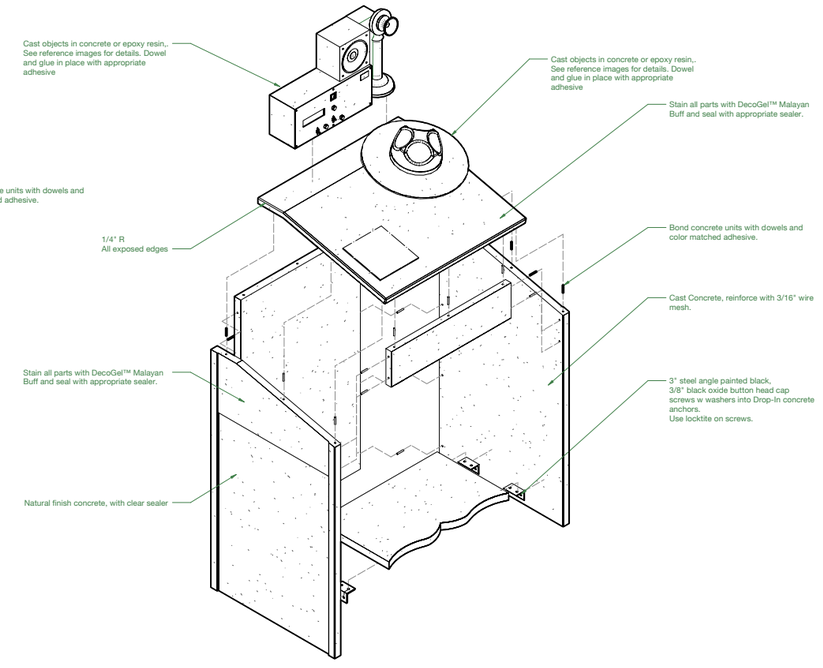
3 Right View
Scale: 1" = 1'-0"

RENDERING WITH INTENDED COLOR TREATMENT





5 Section View
Scale: 1 1/2" = 1'-0"



HO01-G01

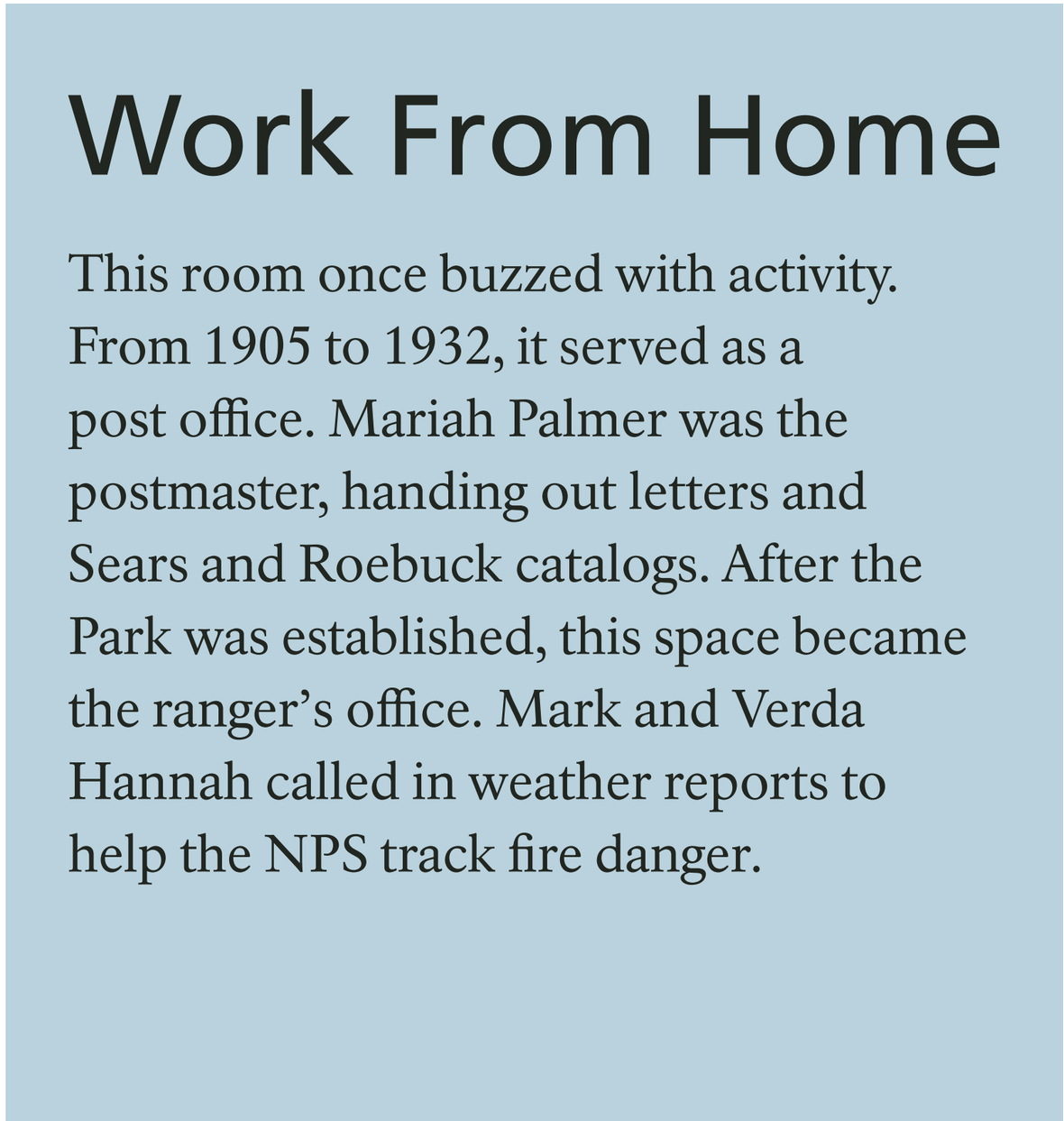
BRIEF DESCRIPTION

A graphic panel mounted to a free-standing, fabricated object

FABRICATION NOTES

- 8.5"x8.5"
- 1/8" Outdoor Grade HPL or Similar
- Silicone or VHB adherence

THUMBNAIL



HO01-G02

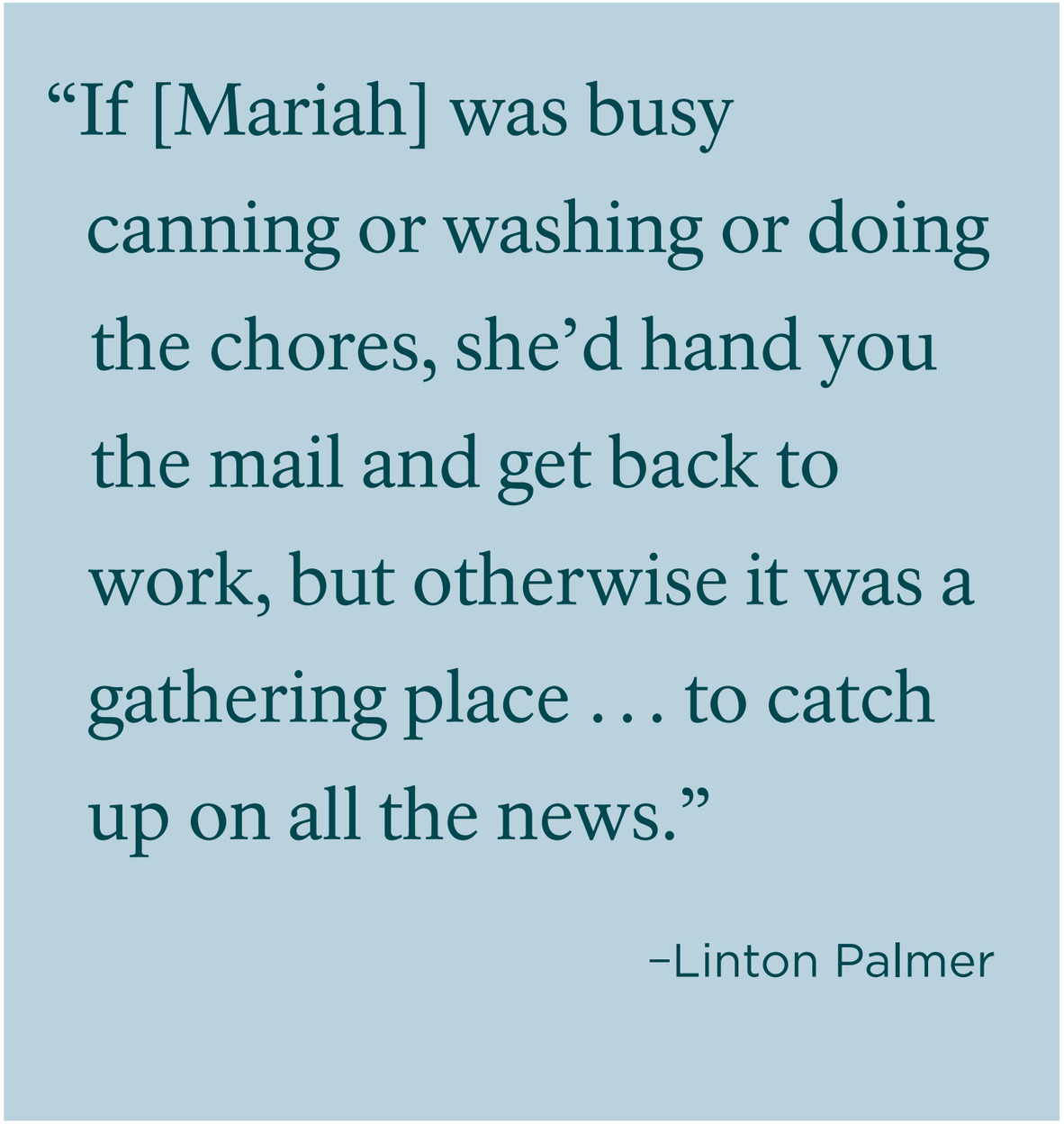
BRIEF DESCRIPTION

A graphic panel mounted to the wall

FABRICATION NOTES

- 8.5"x8.5"
- 1/2" Outdoor Grade HPL or Similar
- Cleat Mount

THUMBNAIL



HO01-G04

BRIEF DESCRIPTION

A graphic panel mounted to the wall

FABRICATION NOTES

- 18"x12"
- 1/2" Outdoor Grade HPL or Similar
- Cleat Mount

THUMBNAIL

