



COMMUNITY
DESIGN CENTER
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Coal Creek Miners Museum

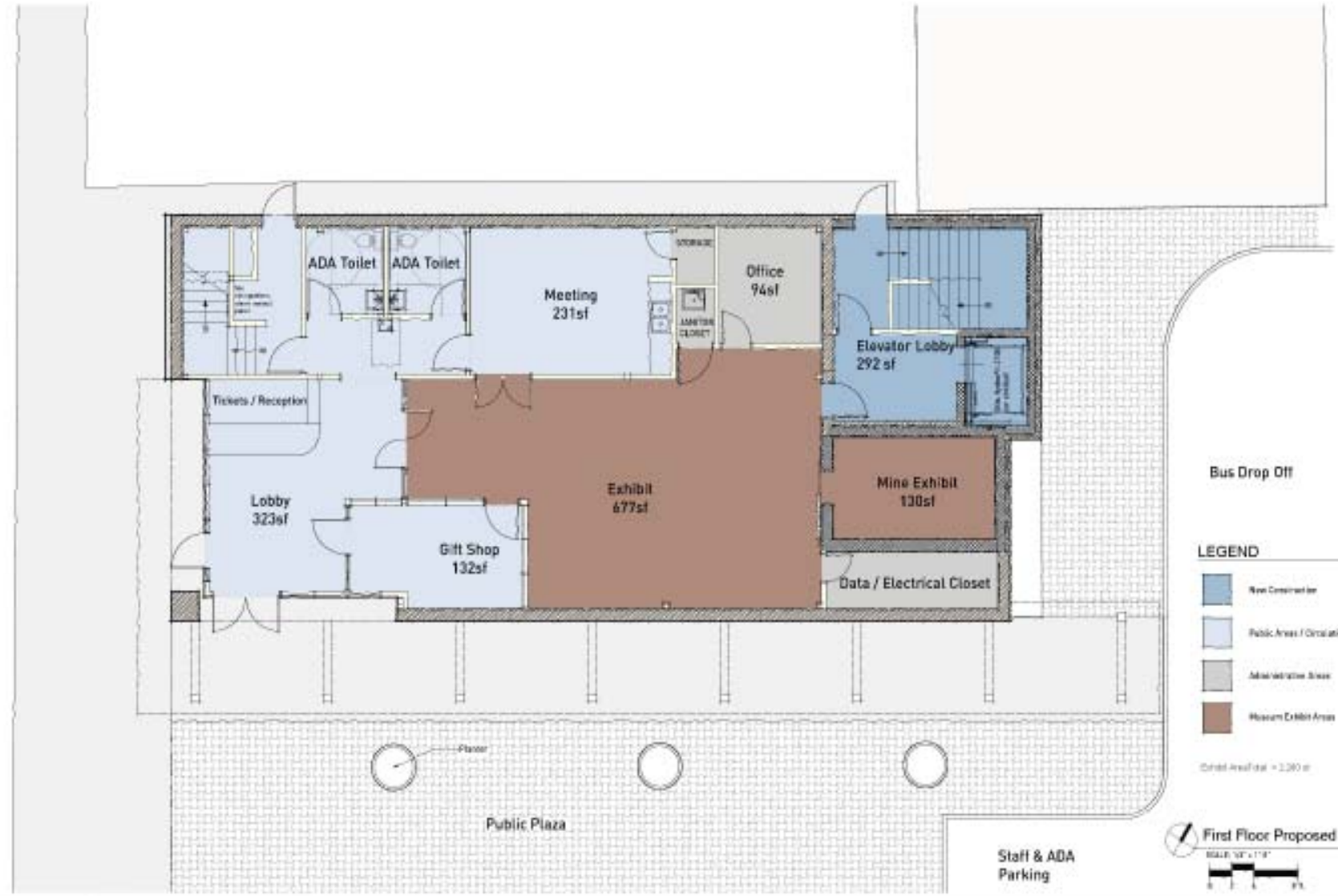
Lake City, Anderson County, TN

Date: December 4, 2013 CDC Project #1997

Contact: Leslie Fawaz CDC -(865)-525-9945
Stephanie Wells Executive Director
Anderson County Tourism Council - 865-457-4547



Main Street (U.S.Hwy. 25W)



Bus Drop Off

LEGEND

- New Construction
- Public Areas / Circulation
- Administrative Areas
- Museum Exhibit Areas

Overall Area Total = 2,200 sq



Staff & ADA Parking

COMMUNITY DESIGN CENTER
Division, Anglin, Approval

1300 N. Broadway
Knoxville, TN 37913
Phone - 865-525-9145
Website - www.communitycdc.org



Funding for this project is provided by **planET**
Project Financing of East Tennessee Communities

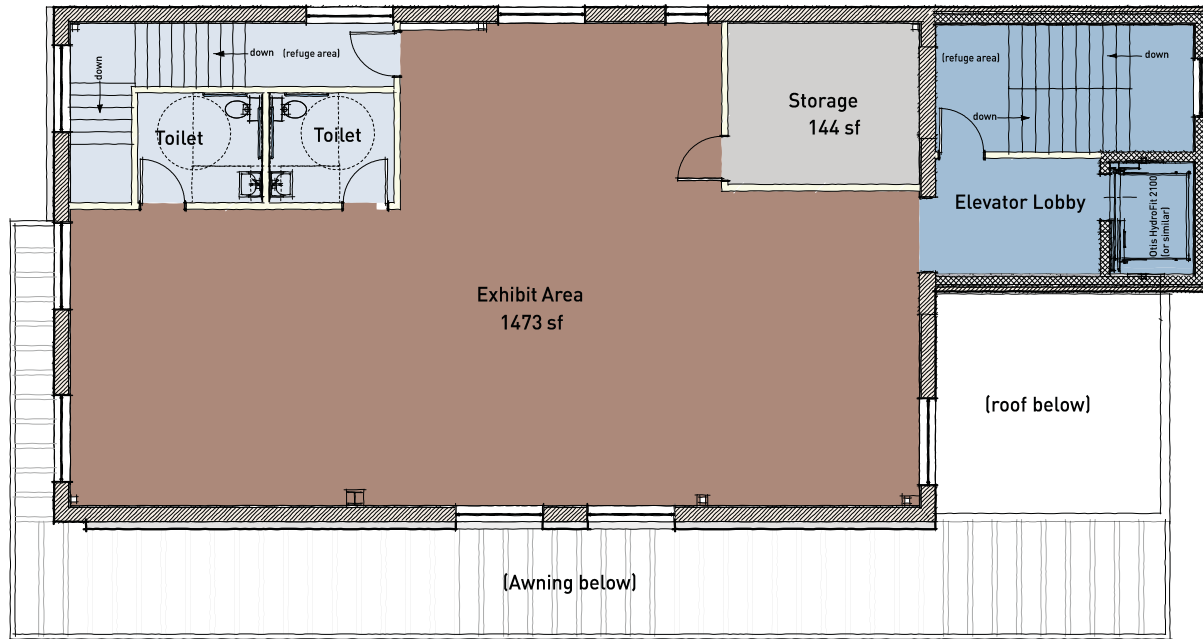
Coal Creek Miners Museum
Lake City, TN

Date: December 2, 2010 CDC Project #1997
 This project is in association with Anderson County Tourist Council - Stephanie Wells, #965-457-4547.





Professional Architect - Greg Semmes, AIA
 CDC Coordinator - Lydia Lewis, AIA
 CDC Staff - Penny O'Grady
 CDC Intern - Benjamin Luskoff
 CDC Director - David Watson
 Conceptual Presentation Drawings
NOT FOR CONSTRUCTION


FIRST FLOOR

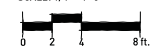
SUSTAINING MEMBERS: Balace Smith & Partners • Clayton Family Foundation • Design Innovations Architects
 Steel/13 Properties • McCarty Holmgren McCarty Architects • Stechner Kubistoff • Sparronson & Associates • Wytajnski Designs Inc.



LEGEND

-  New Construction
-  Public Areas / Circulation
-  Administrative Areas
-  Museum Exhibit Areas

 Second Floor Proposed
SCALE: 1/4" = 1'-0"



1300 N. Broadway
Knoxville, TN 37917
Phone - 865-525-9945
Website - www.communitydc.org



Funding for this project is provided by Plan ET
planET
A Regional Partnership of
East Tennessee Communities
ANDERSON • BLOUNT • KNOX • LINDSEY • WALKER

Coal Creek Miners Museum

Lake City, TN

Date: December 2, 2013 CDC Project #1997

SUSTAINING MEMBERS: Bullock Smith & Partners • Clayton Family Foundation • Design Innovations Architects
Dewhirst Properties • McCarty Holsaple McCarty Architects • Shoffner Kalthoff • Sparkman & Associates • Wystwynd Designs Inc.

This project is in association with Anderson County Tourism Council - Stephanie Wells, #865-457-4547.

Professional Advisor: Greg Campbell, AIA
CDC Coordinator: Leslie Fawaz, AIA
CDC Staff: J. Perry Childress
CDC Intern: Benjamin Luttrell
CDC Director: David Watson
Conceptual Presentation Drawings
NOT FOR CONSTRUCTION

SECOND FLOOR

1 2 3 4



CONTENTS

Summary 1

Project Description 2

Building Program and Uses 3

Construction Budget Estimate6

Drawings 7

Date: September 15, 2013

Prepared for: Tim Isbel Anderson County Commissioner and
Stephanie Wells Anderson County Tourism Council Executive Director

Community Design Center
1300 N. Broadway, Knoxville, TN 37917
855.525.9945
www.communitydc.org

Funding for this project is provided by PlanET, Tennessee Arts Commission, Community Design Center Board of Directors, and Friends of the Community Design Center.



A Regional Partnership of
East Tennessee Communities
ANDERSON • BLOUNT • KNOX • LOUDON • UNION



SUMMARY 1

Background:	The CDC was requested to create a conceptual building design for the museum to be housed in an existing bank building on Main Street.
Date Accepted:	September 15, 2013
Client Organization:	Lake City and Anderson County Tourism Council
Location:	Lake City, TN 37769
Client Representative:	Stephanie Wells - Executive Director Anderson County Tourism Council
Professional Advisors:	Greg Campbell, AIA - DIA architects
Project Coordinator:	Leslie Fawaz, AIA
Project Intern:	Benjamin Luttrell
Closing Date:	December 4, 2013



PROJECT DESCRIPTION 2

The Coal Mining Museum Board contacted the CDC through Plan ET to assist in developing a conceptual design for the proposed Coal Creek Miners Museum. There was an early design proposed that was determined to be too expensive to fund. The board then obtained funds from the Anderson County Commission to purchase an existing bank building.

The all brick building was constructed or renovated in 1988. The CDC with the help of volunteer architect Greg Campbell, AIA reviewed building codes, created conceptual floor plans, and developed a perspective model.

Per the International Building Code 2009, the occupancy load is determined by the net exhibit floor space. This cannot be determined until this area is further developed, but the minimum number of occupants does dictate the need for a second exit stair and ADA guidelines dictate the need for elevator access to the second floor. A brick addition in the back houses these functions. The first floor has the main entrance, ticket area, gift shop, toilets, office, and a meeting room that can be open for use, but locked from the exhibit space. The second floor contains toilets, storage, and larger exhibit area.

The exterior of the currently nondescript brick building will be renovated to harken back to the metal sided tipple structures of the past. We studied several historic images that influenced the proposed design. The extension of the roof can serve several functions: allow for sky lights, create more usable height in the exhibit area, and create a screen for rooftop mechanical units. A new 8' metal canopy is proposed to be added to the plaza side of the building. This will allow buses to drop off visitors and park in a new municipal parking lot. The logo has been added to two sides and is shown as metal back lit signage.

BUILDING PROGRAM AND USES 3

PROGRAM SUMMARY

Name of Space	Number of Spaces	NSF Each Space	NSF Total
Public Area			911
Entry / Reception / Tickets	1	322	323
Multipurpose Room	1	248	248
Storage/ Kitchenette			
Toilets	4	52	208
Gift Shop	1	132	132
Storage Area/ Maintenance /Circulation			1,343
Storage	1	144	144
Electrical / Data Closet	1	67	67
Janitor Closet	1	16	16
Stairs / Circulation	2		1,116
Elevator and Lobby	1		
Staff Area First Floor			
Office	1	94	94
Exhibit Area- First Floor			807
Exhibit Area - Second Floor			1,473
First Floor			2,405
Second Floor			2,223
Building Area (SF)			4,628



BUILDING PROGRAM AND USES 4

PROGRAMMED SPACES

GATHERING AREAS

Entry/Reception.....323 s.f.

Purpose: Check in visitors, entry & exit

Activities: Circulation, display space, reception desk

Special Considerations: Control air infiltration

Common Area/Multipurpose Room.....248 s.f.

Purpose: Seating for 20-30 people, general gathering space

Activities: Large and small tables with chairs, small podium for speeches and/or presentations, closet space- accommodate coats, chairs, and tables with Kitchenette

Special Considerations: Connection to the Main Entry and toilets and separate entry to the Exhibit space.

Gift Shop.....132 s.f.

Purpose: Area to sell products

Activities: Visitors can browse and shop

Special Considerations: Light and open with glass so it is visible from Main Entry and connected to Exhibit space, but lockable for security.

ADA toilets.....52 s.f.

Purpose: Patron toilets

Activities: Women's: 1 Toilet, 1 vanity; Men's: 1 stall, 1 vanity

Special Considerations: Separate facilities for men and women, ADA accessible space

STAFF AREA

Office.....94 s.f.

Purpose: official workspace, small meetings

Activities: Computer, work desk, chair, printer, phone, fax, filing, shelves, chairs for visitors

Special Considerations: Natural light will need to be secured, sound proof, and handicap accessible



BUILDING PROGRAM AND USES 5

EXHIBIT AREA

Exhibit Area First Floor.....807 sf

Purpose: Ideas and information are presented to the visitors about the story of coal and the lives it impacted.

Activities: Visitor exploration- different exhibits will allow visitors to connect to the miners stories and history of coal mining

Special Considerations: Sound proof and handicap accessible

Exhibit Area Second Floor.....1,473 sf

Purpose: Ideas and information are presented to the visitors about the story of coal and the lives it impacted.

Activities: Visitor exploration- different exhibits will allow visitors to connect to the miners stories and history of coal mining

Special Considerations: Soundproof and handicap accessible

STORAGE/MAINTENANCE

Custodial Closet.....16s.f.

Purpose: Building cleaning and maintenance

Activities: service sink, cleaning supplies, tools

Electrical/ Data Closet.....67 s.f.

Purpose: houses necessary electrical components that service the facility

Purpose: Computer equipment

Activities: central server, networking, Wi-Fi

Special Considerations: control heat from equipment

General Storage.....144 s.f.

Purpose: storage for tables, chairs, equipment and technology

Special Considerations: security

EXTERIOR

Covered entry

Purpose: Outdoor covered walkway

Spatial Relationships: Adjacent to entry

Parking Purpose: Staff parking and ADA Handicap parking

Special Considerations: Handicap parking and parking for emergency vehicles

Landscaping

Activities: Public Plaza, Greenery, flowers, walkways, lights, and benches



CONSTRUCTION BUDGET ESTIMATE 6

Construction Budget Estimates are based on the CDC conceptual drawings. Actual costs may vary based on final construction drawings. These numbers are for budgetary purposes only and may vary at the time of construction. These costs do not include furnishings, equipment, and exhibit items. Site work is not included.

4,000 sf @ \$40/sf	\$160,000.00
Additional Stairwell & Elevator	\$125,000.00
*Contingency 15%	\$42,750.00
Construction Total:	\$327,750.00

*Design fees included in contingency



The drawings on the following pages represent design intent only. They are NOT intended for, and should not be used as, construction documents. Further professional assistance may be required to provide those services. The client accepts all liability for the use of these drawings.

- Sheet 1.....First Floor Proposed
- Sheet 2.....Second Floor Proposed
- Sheet 3..... Perspective
- Sheet 4.....Photomontage