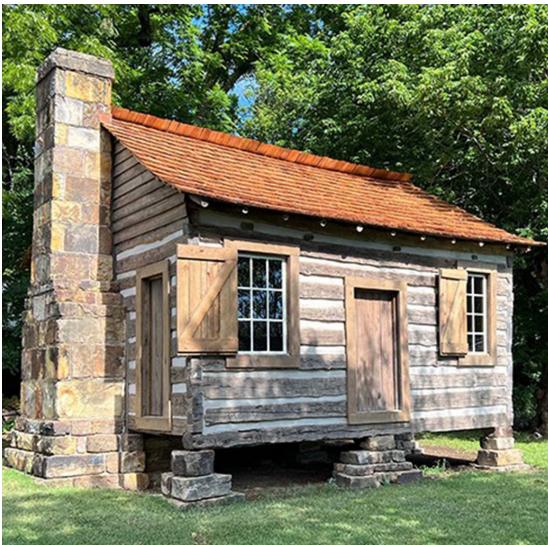


THE RECONSTRUCTION OF  
**THE ESSEN LOG CABIN**

FOR THE CITY OF WILDWOOD HISTORIC PRESERVATION COMMISSION

# ROOFING:

RECONSTRUCTION OF THE ESSEN LOG CABIN



NEW CEDAR WOOD SHAKE ROOF



EXISTING WOOD SHAKE ROOF



NEW CEDAR SHAKE



DaVINCI MULTI-WIDTH SHAKE IN "AGED CEDAR" COLOR



DaVINCI EXAMPLE 1



DaVINCI EXAMPLE 2

## TAPERSAWN CEDAR SHAKES (RECOMMENDED):

- ANTICIPATED COST: \$27.00 - 32.00 / SF
- PROJECTED LIFESPAN: 30-40 YEARS
- TRADITIONAL DETAILING

## SYNTHETIC SHAKE (NOT RECOMMENDED):

- ANTICIPATED COST: \$22.00 - 27.00 / SF
- PROJECTED LIFESPAN: 30-50 YEARS
- REQUIRES STANDARD DETAILS THAT ARE NOT COMPATIBLE WITH HISTORIC RECONSTRUCTION

# ROOFING:

RECONSTRUCTION OF THE ESEN LOG CABIN

## ROOFING EXAMPLES:

COMBED RIDGE CEDAR SHAKES



SPRINGDALE LOG CABIN, WOOD ROOF  
SPRINGDALE, AR



FAUST PARK OUTBUILDINGS, WOOD ROOF  
CHESTERFIELD, MO



DRACE PARK LOG CABIN, WOOD ROOF  
TOWN AND COUNTRY, MO



BACON LOG CABIN, WOOD ROOF  
BALLWIN, MO



ANDREW MILLER LOG CABIN, 2023  
WOOD ROOF INSTALLED 2006  
MANCHESTER, MO



TAPERSAWN CEDAR SHAKE ROOF INSTALLED 2014  
BARTRAM'S GARDEN COACH & SEED HOUSE  
PHILADELPHIA, PA

# STONE VENEER:

RECONSTRUCTION OF THE ESSEN LOG CABIN



ESSEN LOG CABIN

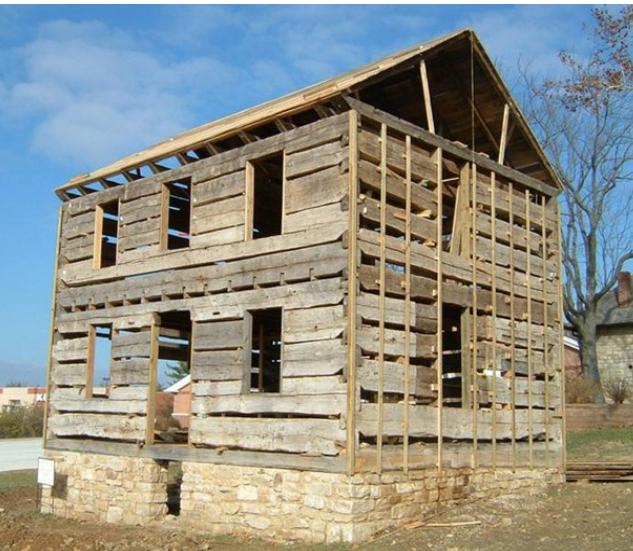


ESSEN LOG CABIN FOUNDATION



EXISTING STONE FOR USE AT STONE VENEER

## LOCAL STONE FOUNDATION EXAMPLES:



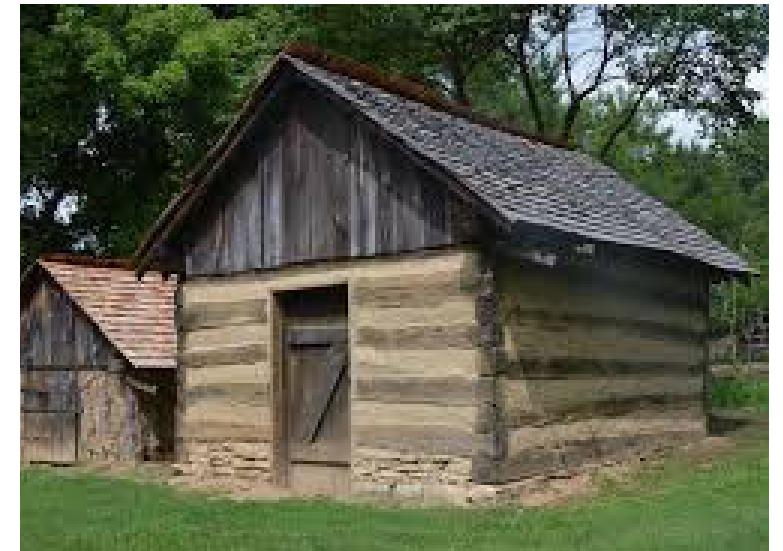
ANDREW MILLER LOG CABIN  
MANCHESTER, MO



DRACE PARK LOG CABIN  
TOWN AND COUNTRY, MO



FAUST PARK LOG SCHOOLHOUSE  
CHESTERFIELD, MO



FAUST PARK OUTBUILDING  
CHESTERFIELD, MO

# CABIN SITTING:

RECONSTRUCTION OF THE ESSEN LOG CABIN

patterhn ives llc

## CITY OF WILDWOOD VILLAGE GREEN LOG CABIN STUDY

Scale: 1" = 20'

### MONOLITHIC STONE TREAD



BERTOLET LOG CABIN  
DANIEL BOONE HOMESTEAD, PA

### ACCESSIBLE ENTRANCE



DRACE PARK LOG CABIN  
TOWN AND COUNTRY, MO

22 January 2024

Patterhn Ives  
CDI  
Human Nature



### FLAGSTONE "WELCOME MAT"



Opportunity for  
Engraving

### CEDAR SPLIT RAIL FENCE TO DEFINE THE THRESHOLD



### CRUSHED AGGREGATE PATH w/ ORGANIC BINDER; PERMALOC EDGING



# LIGHTING:

RECONSTRUCTION OF THE ESENEN LOG CABIN

## SITE LIGHTING OPTIONS (MINIMAL RECOMMENDED):

- AREA LIGHTING SIMILAR TO THE REST OF THE SITE, LIMITED TO CABIN SITE ENTRANCE, NOT VISIBLE AS ONE APPROACHES CABIN
- PATH LIGHTING - MODEST LIGHTS ALONG THE PATH TO ILLUMINATE THE PATH. SMALL, LOW, DARK IN COLOR. MAY BE A NUISANCE TO GROUNDS MAINTENANCE
- (NOT RECOMMENDED) A SOFT WASH OF THE CABIN FAÇADE - COULD BE NICE AS A BACKDROP AS VIEWED FROM THE ENTRY DRIVE INTO THE PARKING AREA. AN APPROACH LIKE THIS WOULD HIGHLIGHT THE CABIN AS A MAJOR FEATURE, WHICH IS A CONSCIOUS CHOICE THAT SHOULD BE DISCUSSED.
- A COMBINATION OF ANY OF THE ABOVE.

## BUILDING:

- NO POWER / LIGHTING REQUIRED BY IEBC 2015
- ANY POWER / LIGHTING AT THE DISCRETION OF OWNER



# CODE COMPLIANCE - KEY ISSUES

RECONSTRUCTION OF THE ESSEN LOG CABIN



EXAMPLE: SIMPLE WOOD HANDRAIL  
MORTON HOMESTEAD, PA



EXAMPLE: SMOKE DETECTOR  
DANIEL BOONE HOMESTEAD, PA

**CODE: IEBC 2015, CHAPTERS 12 AND 13**

**OCCUPANCY: GROUP B (AS PER IEBC 1201.3)**

**BUILDING SIZE: 1 STORY, 330 SF**

**CONSTRUCTION TYPE: VB**

- REQUIRES HISTORIC DESIGNATION OF BUILDING
- NUMBER OF EXITS: 2 (1 ACCESSIBLE, REQUIRED)
- BOTH DOORS TO REMAIN IN OPEN POSITION WHEN BUILDING IS OCCUPIED OR OPEN FOR VISITATION BY PUBLIC
- NO ELECTRICAL / POWER / LIGHTING REQUIREMENTS
- NO EMERGENCY LIGHTING REQUIRED
- NO EXIT SIGNS REQUIRED
- NO FIRE RATED ASSEMBLIES REQUIRED
- SMOKE DETECTOR (WIRELESS, TIED TO CITY SYSTEM IF POSSIBLE), RECOMMENDED
- SIMPLE WOOD HANDRAIL AT FRONT DOOR RECOMMENDED
- PORTABLE FIRE EXTINGUISHER REQUIRED