

Slave Housing Data Base

Building Name: Redands log duplex

Evidence Type: Extant

Site ID: 002-0067

Historical Site Name: Redlands

County: Albemarle

State: Virginia

Investigators: J. Mark Wittkofski, Douglas W. Sanford, Dennis J. Pogue

Institutions: Virginia Slave Housing Project

Project Start: 5/24 [7/10/20] **Project End:** 7/10/20

Summary Description:

The Redlands duplex log quarter measures approximately 17 feet 4 inches (north-south) by 33 feet 6 inches (east-west), and is one story with a central interior chimney. The building rests on a stone foundation, and is covered with a side-gable roof clad with standing seam sheet metal. The symmetrical facade (south elevation) has two exterior doorways, which are roughly centered on the downstairs rooms, and each has an adjoining rectangular casement window. The wall logs are hewn and are joined at the corners with square notches.

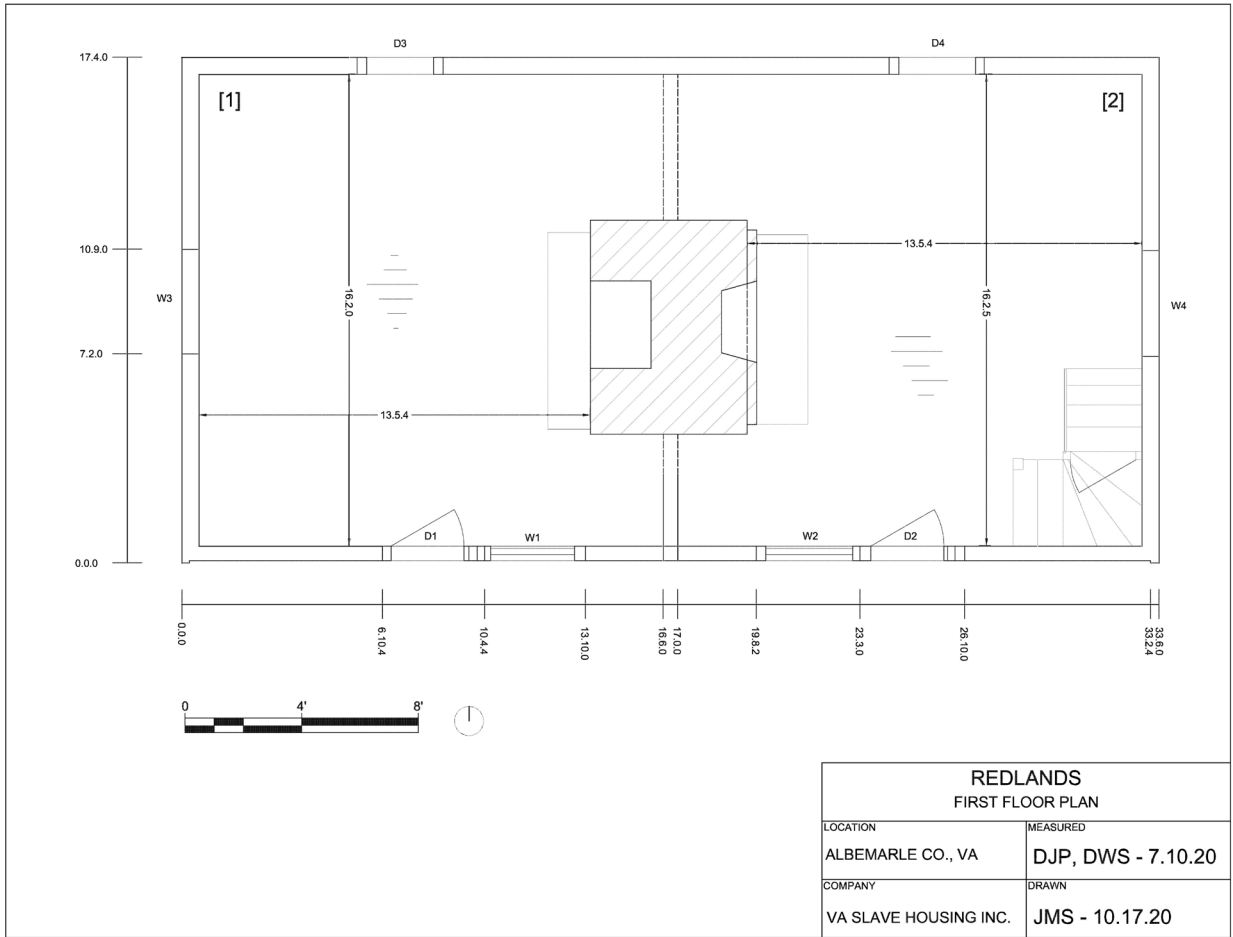
Although the evidence is not conclusive, it is possible that the building was arranged to accommodate three separate households: one household occupying the east rooms on the first floor and in the garret; the second occupying the west room on the first floor; and the third occupying the west garret room. All four rooms were heated by fireplaces. An exterior stairway of 20th century vintage currently rises to the south along the west wall to provide access to the west garret room. It is uncertain whether the exterior stair replaced an original version. The current stairway in the southeast corner of the first-floor east room likely replaced an original stairway in that location, which provided access to the second garret room.

Modifications to the structure include the addition of a rectangular concrete patio, which runs the length of the façade, and hip-roofed porches covering each of the doorways. Two shed-roofed frame additions run the length of the rear (north) wall. On the interior, the medial walls separating the east and west rooms on both floors have been pierced to create doorways. Doorways were also cut into the north wall in each of the first-floor rooms to provide access to the rooms in the rear addition. Larger windows were inserted in the first-floor end walls. The stairway in Room 2 was replaced. The roof frame likely has been completely replaced.

Principal Construction Type: Log

One Story – With Garret

Footprint:



Number of Rooms: 4 total (2 down, 2 up)

- Dimensions:**
- (1) Downstairs, west: 16.2.0 (N-S) x 13.0.2 (E-W), 7.6.1 (H)
 - (2) Downstairs, east: 16.2.3 (N-S) x 13.5.2 (E-W), 7.5.2 (H)
 - (3) Upstairs, west: 13.10.3 (N-S)* x 13.7.1 (E-W), 9.0.0 (H)
 - (4) Upstairs, east: 14.11.0 (N-S)* x 13.11.2 (E-W), 9.0.0 (H)

* North-south dimension upstairs is from knee wall to knee wall, with these surfaces as a later, modern insertion in the garret.

Doors: 5 recorded (did not record modern insertions)

	Rm. 1, S (1)	Rm. 2, S (2)	Rm. 1, N (3)
Type:	Board & batten (2 battens)	Board & batten (2 battens)	2 panel
Dimensions:	2.8.1 (W) x 5.11.1 (H) 1 inch thick	2.10.3 (W) x 6.1.0 (H) 1 inch thick	2.8.0 (W) x 6.6.2 (H)
Hardware:	Modern, 3-knuckle strap hinges (with screws), ceramic knob in stock lock	Modern, 3-knuckle strap hinges (with screws), ceramic knob in stock lock	5 knuckle butt hinges
Swing:	In	In	In
Replacement:	Yes (original door opening)	Yes (original door opening)	Modern insertion for north addition; probable original window location

	Rm. 2, N (4)	Rm. 3, W (5)
Type:	Unkown (removed)	Dutch door: 2/2 glass panel above, 1 panel below
Dimensions:	2.8.0 (W) x 6.8.1 (H) – doorway opening	2.5.0 (W) x 6.5.0 (H)
Hardware:	5 knuckle butt hinges	5 knuckle butt hinges
Swing:	In	In
Replacement:	Later, modern insertion; probable original window location	Yes, but within likely original door opening

Windows: 5

	Rm. 1, S (1)	Rm. 2, S (2)	Rm. 1, W (3)
Type:	Casement, hinged at top; 3/3	Casement, hinged at top; 3/3	Double hung sash, 6/6
Dimensions:	3.0.0 (W) x 1.7.0 (H)	3.0.0 (W) x 1.6.3 (H)	2.10.2 (W) x 4.5.0 (H)
Hardware:	Slide bolt in lower corner	Slide bolt in lower corner	Metal thumb latch
Shuttered/ Slide/ Swing:	Swing in	Swing in	Later insertion or expansion (modern trim)

	Rm. 2, E (4)	Rm. 4, E (5)
Type:	Double hung sash, 6/6	Double hung sash, 6/6
Dimensions:	2.10.3 (W) x 4.5.0 (H)	2.11.0 (W) x 4.4.0 (H)
Hardware:	Metal thumb latch	None
Shuttered/ Slide/ Swing:	NA, modern insertion and/or expansion	NA, likely modern expansion; modern trim

EXTERIOR

Foundation:

Continuous Masonry: Stone (Field stone)

Thickness: Undetermined

Height: 0.10.0 (SE corner); 3.7.0 (NE corner)

Bond: Random

Mortar Type: Sand, with limestone

Joint: Other - irregular

Repaired: Yes, with Portland cement and painted white

Porch: Yes – 2 porticoes, one over each doorway, with hipped sheet metal roofs (not shown on plan)

Roof:

Roof Form: Gable

Roof Covering: Standing seam sheet metal (within last 5 years)

Roof Framing:

Exposed: No (except through knee wall openings)

Form: Common Rafters

Rafter Number: NA

Rafter Dimensions: NA

Collar Ties: Unknown – not accessible/visible

Building Height: @ SE corner

Ground to Soffit: 8.5.3

Ground to Apex: 20.11.1 (east gable end)

Ground to Top of Fascia: 9.2.2

@ SW corner

Ground to Soffit: 6.6.1

Ground to Btm. Eave: 8.2.2

Walls:

Log:

Dimensions: Range of 8½ -12 inches x 5¾ -7 inches

Finish: Flat Sides – Hewn – Debarked

Notching: Square

Chinking: Cannot observe original chinking or daub; replacement daub is Portland cement based

Original ceiling joists have been replaced.

Chimney(s):

Chimney (1):

Material: Stone

Location: Interior – Center

Height: Not accessible

INTERIOR

Wall Framing: Log

Wall Finish: Whitewash, and white paint

Fireplace (1): Room 1: Center (on east wall)

Fireplace Material: Stone

Overall chimney base: 7.4.1 (N-S) x 5.4.2 (E-W)

Fireplace Overall Dimensions: (see plan, expanded by poured concrete repair)

Fireplace Opening Dimensions: 3.0.0 (W) x 2.6.0 (H) x 2.1.0 (D)

Hearth Material: Concrete (replacement)
Hearth Dimensions: 1.5.2 (E-W) x 6.9.0 (N-S)

Fireplace (2): Room 2: Center (on west wall)

Fireplace Material: Stone
Fireplace Overall Dimensions: NA
Fireplace Opening Dimensions: 2.9.0 (W) x 2.7.0 (H) x 1.3.0 (D)

Hearth Material: Concrete (replacement)
Hearth Dimensions: 1.9.0 (E-W) x 6.7.0 (N-S)

Fireplace (3): Room 3: Center (not visible, covered by modern repair)

Fireplace (4): Room 4: Center

Fireplace Material: Stone
Overall Chimneystack Dimensions: 4.10.0 (E-W) x 5.11.0 (N-S)
Fireplace Opening Dimensions: 2.6.0 (W) x 2.6.0 (H) x 1.6.2 (D)

Hearth Material: Concrete (replacement)
Hearth Dimensions: 1.4.2 (E-W) x 5.9.2 (N-S)

Stairs: Yes – SE corner, Room 2
Type: Enclosed – Winder
Stairwell Dimensions: 6.1.0 (N-S) x 2.8.1 (E-W)

Room 1: There is no evidence for a former set of stairs in the SW corner, to match those in the SE corner of Room 2. There is no evidence of nails or nail holes on the log walls and the spacing of the 1st ceiling joist east of the west gable end wall measures only 2.2.0 from the wall, as compared to the 3-foot gap on the east gable end wall for those stairs.

Subfloor Pit: No

Floor: Wood – modern era replacement floorboards

Dating:

Dendrochronology Date: NA
Other Date: Ca. 1840-60
Dating Evidence:
Saw Marks: Hewn logs
Nails: Mature cut nails