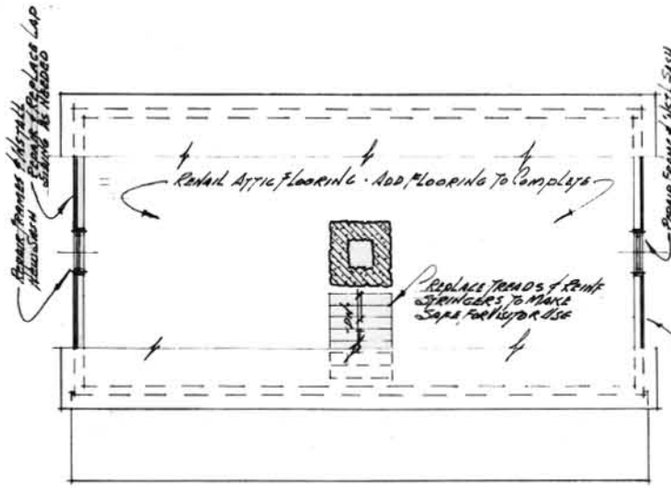
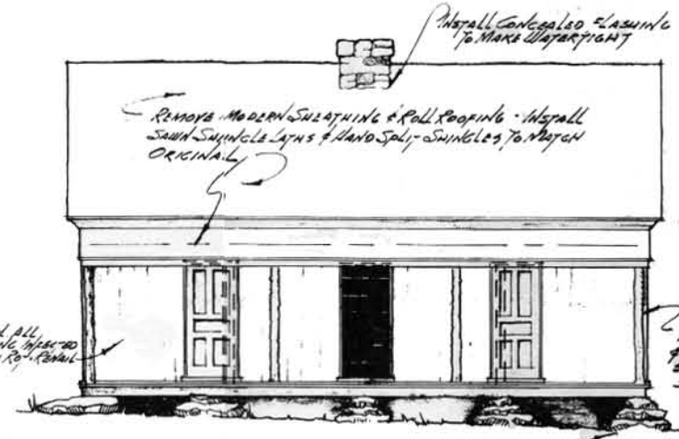
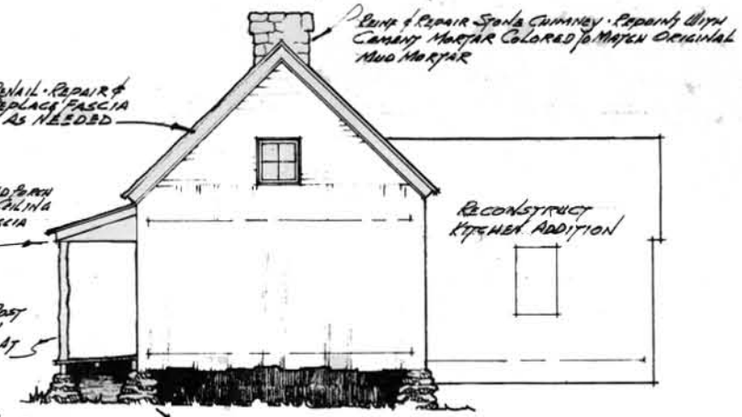


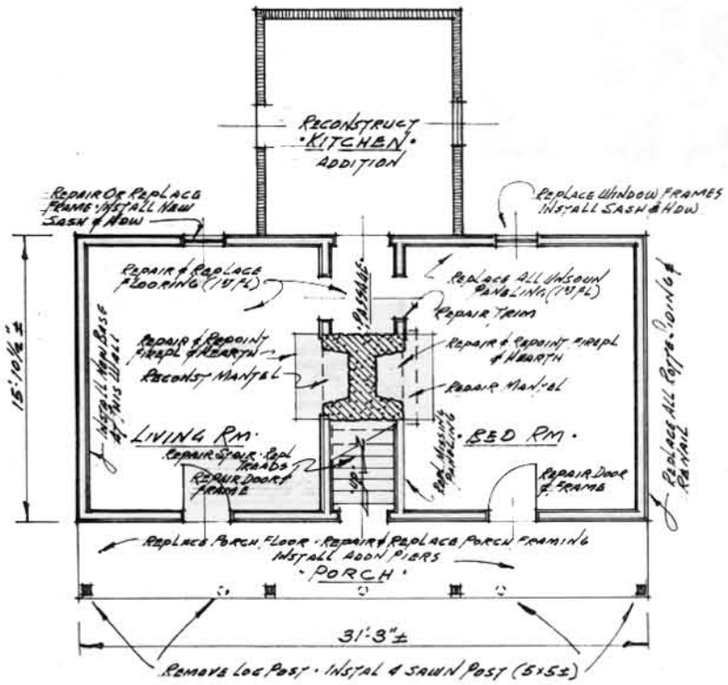
· ATTIC FLOOR PLAN ·



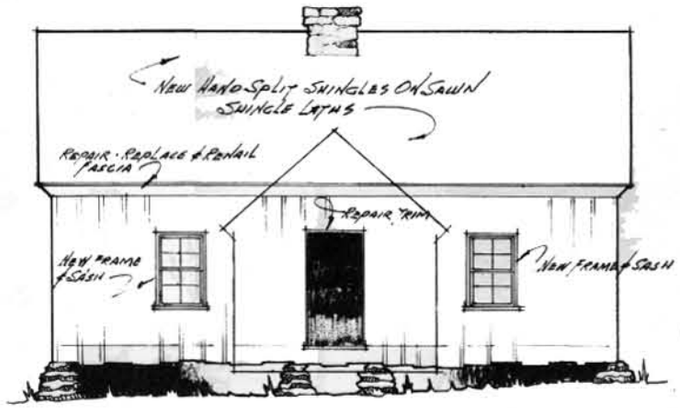
· FRONT · (EAST) · ELEVATION ·



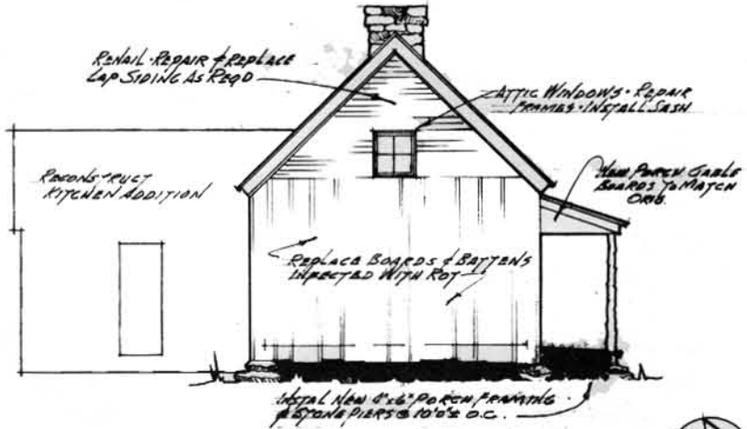
· RIGHT · (NORTH) · ELEVATION ·



· FIRST FLOOR PLAN ·



· REAR · (WEST) · ELEVATION ·



· LEFT · (SOUTH) · ELEVATION ·

ORIENTATION

RESTORATION SPECIFICATIONS AND NOTES

1. **WORKMANSHIP**: All work shall be performed by artisans employing building methods and techniques used in the original construction. The restored structure shall retain all the primitive character of the original building.

2. **CONCRETE**: Concrete for pier footings shall be 1-4-5 mix.

3. **STONE MASONRY**: Additional stones required for the restoration shall be obtained as near the job site as possible and shall match the original stones in character and size.

   Stonework exposed to the weather shall be laid in a mortar composed of 1 part white cement, 1 part hydrated lime, and 6 parts sand, colored to match the original mud mortar.

   Stonework not exposed to the weather shall be laid in mud mortar obtained at the job site.

   Base stones of piers shall be laid before the concrete footing has completely set, to assure full support.

4. **CARPENTRY**: When practical, all replacement lumber shall be the same species as originally used. In all cases of replacement the original item shall be used as a model. **Timbers** shall be brought to size by the use of **hand tools** so that tool marks of the original may be apparent. Nails, bolts, and screws shall match those used in the original work.

5. **FINISH HARDWARE**: **Replacement hardware** shall match the original item. Where no original items of hardware exist as a model, reproductions of like items of the correct historic period shall be used.

6. **ROOFING**: Hand split shingles of native oak, 5" - 6" wide and 24" ± long shall be laid 8" ± to the weather.

7. **PAINTING**: All originally painted portions of the building shall be repainted in the original colors. Old surfaces shall be wire brushed to remove all loose paint, lightly sanded, and two coats of oil base paint applied. All new wood to be painted shall receive two coats. If necessary paint may be thinned with turpentine at the rate of not more than 1 pint of thinner per gallon of paint.

8. **PRESERVATIVE TREATMENT**: All unpainted wood surfaces exposed to the weather shall be given a preservative treatment applied in accordance with the manufacturers instructions.

9. **TERMITE TREATMENT**: The soil under and for two feet outside the perimeter of the building shall be given termite treatment in accordance with the manufacturers instructions for the chemical used.

· GRAPHIC SCALE ·

12" 0 2' 4' 6' 8' 10'

6'

1/4" = 1'-0"

SYMBOL	DESCRIPTION OF REVISION	DATE	SURNAME

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
OFFICE OF ARCHEOLOGY AND HISTORIC PRESERVATION
DIVISION OF HISTORIC ARCHITECTURE

TITLE OF DRAWING: RESTORATION · ALFRED REAGAN HOUSE · · ROARING FORK
LOCATION WITHIN PARK / NAME OF PARK: GREAT SMOKY MOUNTAINS · N.P.

PREPARED 2/70 R. Jones
DESIGNED 4/70 R. Jones
DRAWN
CHECKED

REGION Southwest
HCRS-307-2
DRAWING NO. 133 94005
DATE
SHEET TITLE Restoration Plans Elevations & Specs
SHEET 2 OF

BASIC DATA HABS Drawg By S. Henry Dated 1957 & Inspection By R. Jones · Nov · 1968 ·