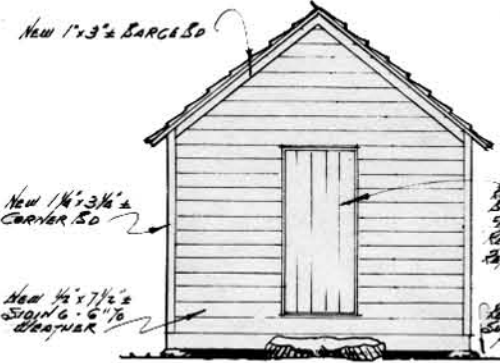


REMOVE MODERN ROOF GUTTER AND REBUILD - 2" x 5" x 2"  
 RAFTERS @ 24" O.C. - 1" x 5" x 2" SHINGLE LATH -  
 24" HAND SPLIT SHINGLES 7" x 9" TO WEATHER  
 SEE DET. SH. 1



New 1" x 3" x 2" BARGE SO.  
 New 1/4" x 3 1/4" x 2" CARVER SO.  
 New 1/4" x 7 1/2" x 2" SOULD. 6" x 7" x 2" WEATHER

REPAIR GARDEN  
 BUTTEN DOOR AND  
 FRAME - REPAIR &  
 REFASTEN HARDWARE -  
 REPLACE MISSING  
 HARDWARE

REMOVE "DIRTY"  
 SURFACE LIGHT AWAY  
 FROM SIDG

FRONT (WEST) ELEV.

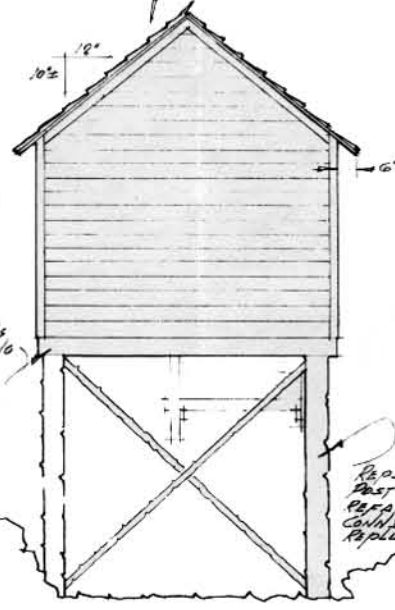


New Window  
 FRAME & SASH  
 SEE DET. SH. 1

Replace ALL  
 MISSING SILLS  
 & FLOOR FRAMING

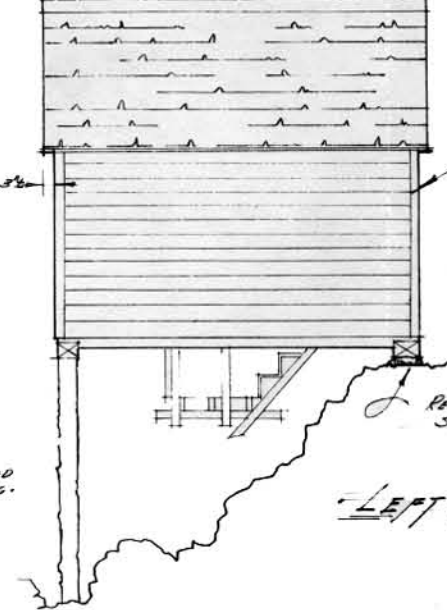
REPAIR BY FRAMING  
 PLANKING & STAIR  
 REPLACE UNSOUND  
 MATERIAL

RIGHT (SOUTH) ELEV.



Replace ROTTED  
 POST & BRACING -  
 REFASTEN ALL  
 CONNECTIONS -  
 REPAIR SIDG

REAR (EAST) ELEV.



REPAIR WALL FRAMING - 2" x 4" x 2" STUDS  
 @ 24" O.C. - 2" x 6" x 2" PLATE - 6" x 6" x 2"  
 CORNER POST - SEE DET. SH. 1

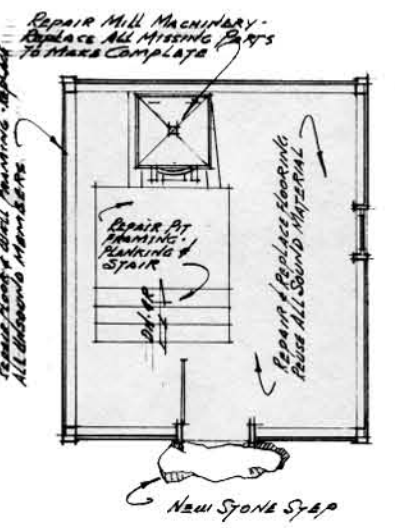
REPAIR STONE PIERS UNDER SILL - INSTALL FPG  
 SEE DET. SH. 1

LEFT (NORTH) ELEV.

NOTE  
 ADDITIONAL INVESTIGATION  
 REQUIRED FOR DAM, FLUME  
 AND MILL MACHINERY

RESTORATION SPECIFICATIONS AND NOTES

- 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.
- CONCRETE:** Concrete for pier footings shall be 1-4-5 mix.
- 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 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.  
 Base stones of piers shall be laid before the concrete footing has completely set, to assure full support.
- CARPENTRY:** When practical all replacement lumber shall be the same 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.
- 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.
- ROOFING:** Hand split shingles of native oak, 5" - 6" wide and 24" x long shall be laid 8" - 9" to weather.
- PRESERVATIVE TREATMENT:** All unpainted wood surfaces exposed to the weather shall be given a preservative treatment applied in accordance with the manufacturers instructions.
- 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.



REPAIR MILL MACHINERY -  
 REPLACE ALL MISSING PARTS  
 TO MAKE COMPLETE

REPAIR BY FRAMING  
 PLANKING & STAIR

REPAIR & REPLACE FLOORING  
 REPLACE ALL UNSOUND MATERIAL

REPAIR FRAMING  
 ALL MISSING MEMBERS

New Stone Step

PLAN



ORIENTATION

PREPARED	8/70	R. Jones
DESIGNED	4/70	W. Jones
DRAWN		
CHECKED		

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		REGION	Smithsonian
		PCP 5-307-2	
		DRAWING NO.	133
RESTORATION - ALFRED REAGAN TUB MILL TITLE OF DRAWING ROARING FORK LOCATION WITHIN PARK GREAT SMOKY MOUNTAINS N.P. DATE OF WORK		9806	DATE 3-31-70
SHEET	RESTORATION - PLAN & ELEVATIONS	SHEET 2 OF 2	

