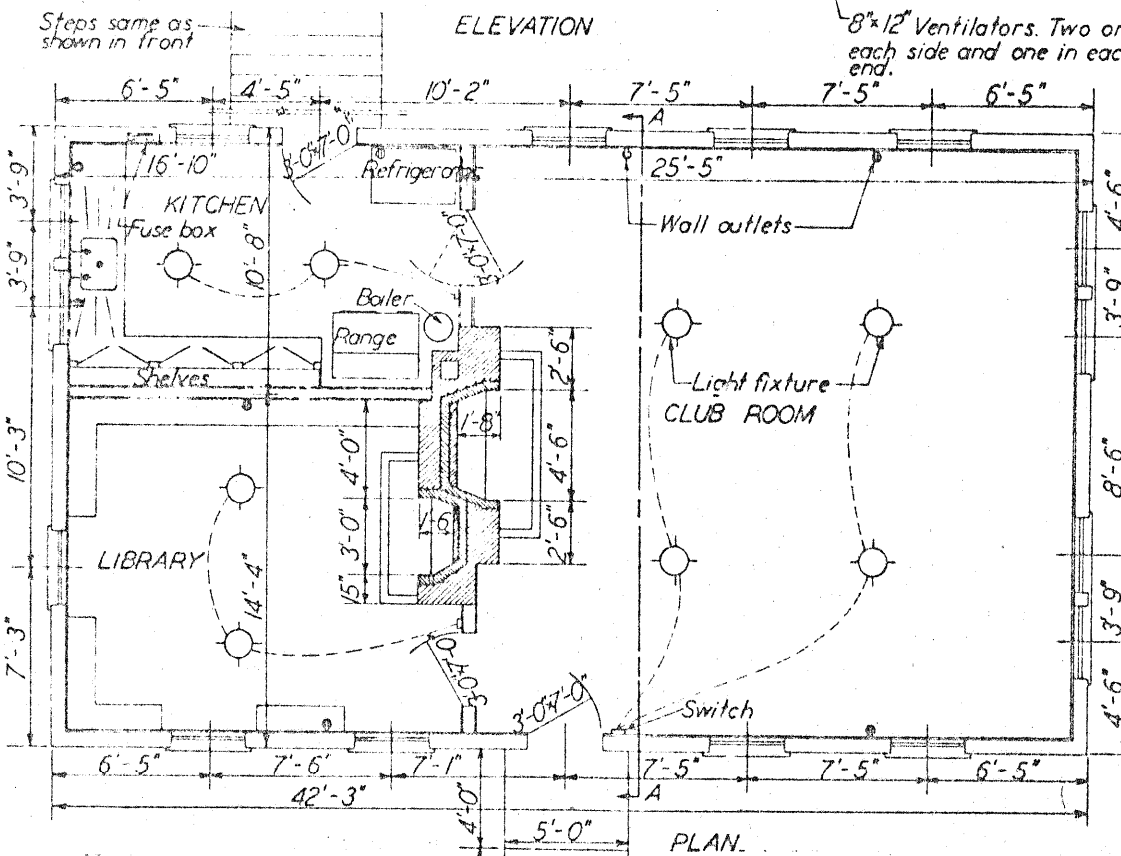
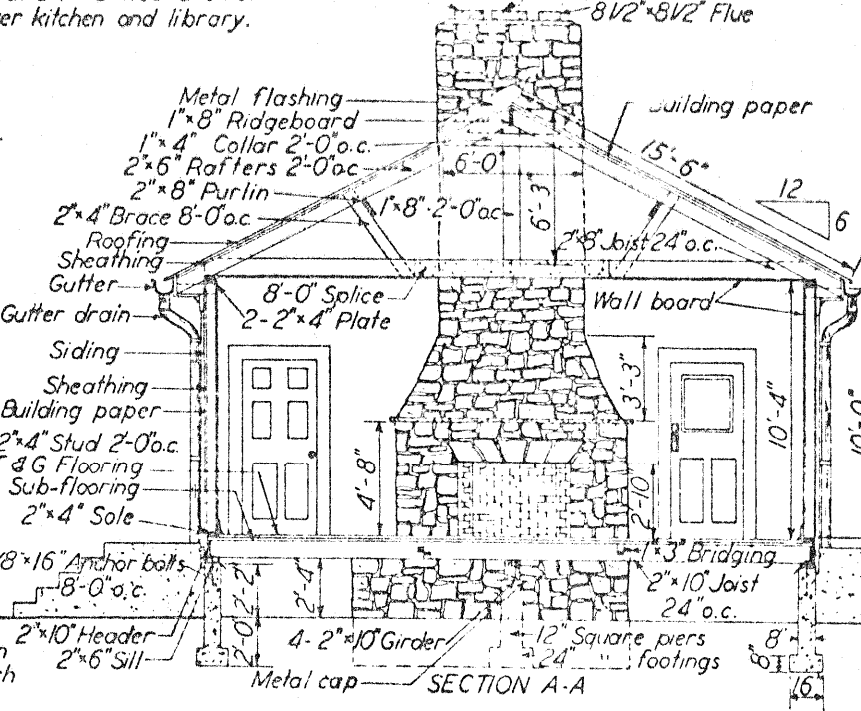
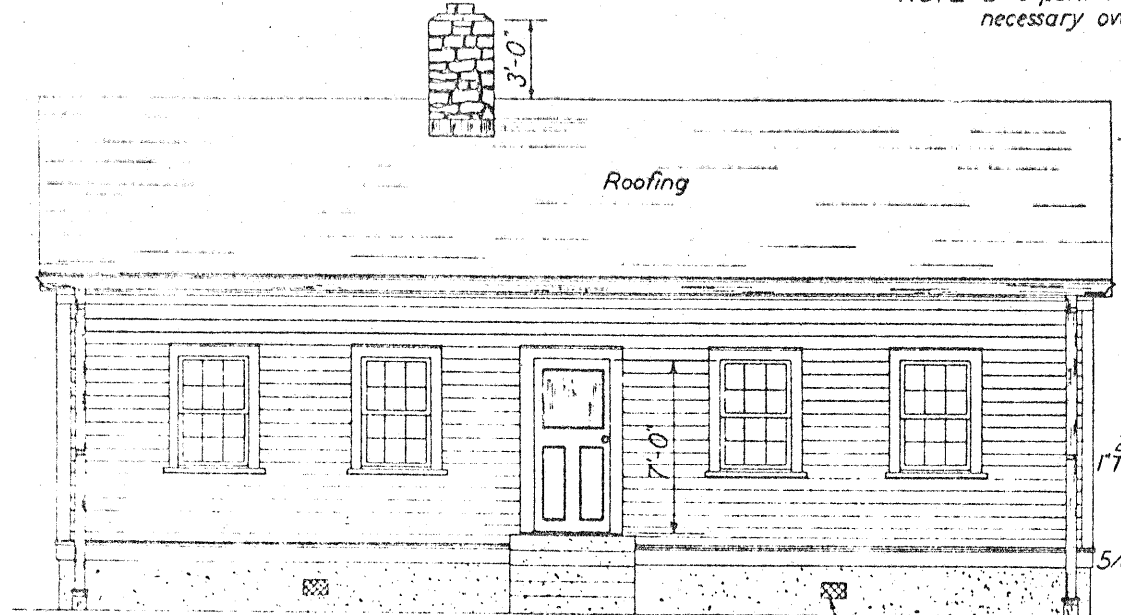


necessary over kitchen and library.



Note: This archival plan is provided as a study plan only and may not be suitable for construction without modification. Code officials and other authorities should always be consulted before any construction.

BILL OF MATERIALS

- Concrete: 1 2 1/2 : 4 Mix
- Cement: 107 bags
- Sand: 10.2 cu.yds.
- Stone: 16.2 cu.yds.
- Masonry:
 - Stone: 500 cu. ft.
 - Fire brick: 430
- Mortar:
 - Cement: 20 bags
 - Sand: 2.5 cu.yds.
- Lumber:
 - Sill: 12 pcs. 2" x 6" x 12'-0"
 - Header: 7 " 2" x 10" x 12'-0"
 - Girder: 8 " 2" x 10" x 12'-0"
 - 8 " 2" x 10" x 8'-0"
 - Floor joist: 48 " 2" x 10" x 14'-0"
 - Sole: 14 " 2" x 4" x 12'-0"
 - Studs: 100 " 2" x 4" x 10'-0"
 - Window sill: 5 " 2" x 8" x 12'-0"
 - Plate: 28 " 2" x 4" x 12'-0"
 - Ceiling joist: 28 " 2" x 8" x 12'-0"
 - 9 " 2" x 8" x 16'-0"
 - 9 " 2" x 8" x 12'-0"
 - Splice: 13 " 1" x 8" x 16'-0"
 - Rafters: 48 " 2" x 6" x 16'-0"
 - Ridgeboard: 4 " 1" x 8" x 12'-0"
 - Collars: 11 " 1" x 4" x 12'-0"
 - Purlin: 4 " 2" x 8" x 14'-0"
 - Rafter brace: 6 " 2" x 4" x 10'-0"
 - Ties: 10 " 1" x 8" x 14'-0"
- Box cornice material:
 - 8 pcs. 2" x 4" x 12'-0"
 - 20 " 1" x 10" x 12'-0"
 - 90 lin. ft. trim
 - 90 " " molding
 - Water table: 10 pcs. 1" x 8" x 14'-0"
 - Anchor bolts: 16 " 5/8" x 16"

- Corner & trim boards: 440 lin. ft. 1" x 4"
- Bridging: 170 " " 1" x 3"
- Base board: 170 " " 1 1/8" x 6"
- Quarter round: 340 " " "
- Siding: 1400 sq. ft.
- Sheathing: 2600 " "
- Building paper: 2500 " "
- Roofing: 14 squares
- Wall board: 2700 sq. ft.
- Windows: 15 double sash 12 lts. 10" x 12" glass
- Doors: 4 - 3'-0" x 7'-0"
- Hardware:
 - Gutters: 88'-0" - 5" diam.
 - Leaders: 50'-0" - 3" " 2 1/2 elbows
 - Flue lining: 14'-0" - 18" x 18" T. C.
 - 14'-0" - 20" x 20" " "
 - 14'-0" - 8 1/2" x 8 1/2" T. C.
- Ventilators: 6 - 8" x 12" Metal grate
- Flashing, Door locks, Nails, Paint, etc.
- Materials for kitchen and library equipment and electrical equipment not figured.

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMIC AGRICULTURAL EXTENSION SERVICE UNIVERSITY OF ARIZONA AND UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATION