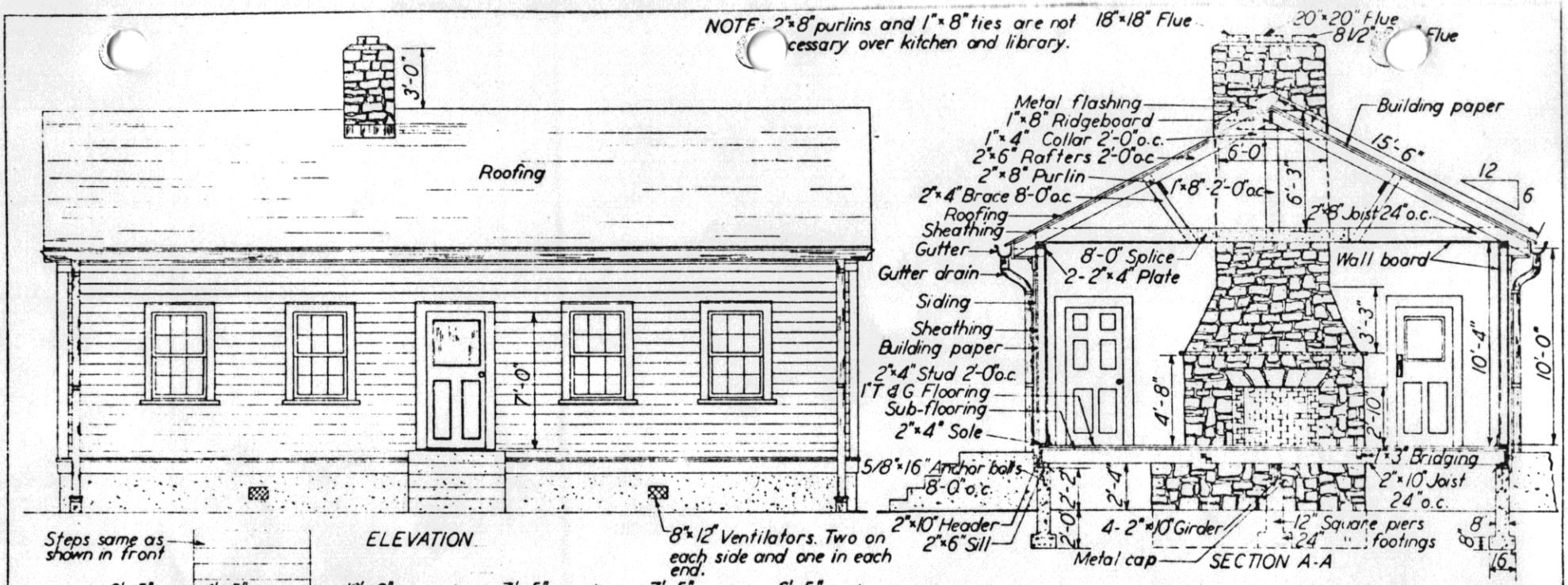

Concrete: 1:2½:4 Mix
Cement: 107 bags
Sand: 10.2 cu. yds.
Stone: 16.2 cu. yds.
Masonry:
Stone: 500 cu. ft.
Fire brick: 430
Mortar:
Cement: 20 bags
Sand: 2.5 cu. yds.
Lumber:

Sill:	12 pcs.	2"×6"×12'-0"
Header:	7 "	2"×10"×12'-0"
Girder:	8 "	2"×10"×12'-0"
	8 "	2"×10"×8'-0"
Floor joist:	48 "	2"×10"×14'-0"
Sole:	14 "	2"×4"×12'-0"
Studs:	100 "	2"×4"×10'-0"
Window sill:	5 "	2"×8"×12'-0"
Plate:	28 "	2"×4"×12'-0"
Ceiling joist:	28 "	2"×8"×14'-0"
	9 "	2"×8"×16'-0"
	9 "	2"×8"×12'-0"
Splice:	13 "	1"×8"×16'-0"
Rafters:	48 "	2"×6"×16'-0"
Ridgeboard:	4 "	1"×8"×12'-0"
Collars:	11 "	1"×4"×12'-0"
Purlin:	4 "	2"×8"×14'-0"
Rafter brace:	6 "	2"×4"×10'-0"
Ties:	10 "	1"×8"×14'-0"

Box cornice material:

8 pcs.	2"×4"×12'-0"
20 "	1"×10"×12'-0"
90 lin. ft.	trim
90 "	" molding

Water table: 10 pcs. 1"×8"×14'-0"
Anchor bolts: 16 - 5/8"×16"

BILL OF MATERIALS

Corner & trim boards:	440 lin. ft.	1"×4"
Bridging:	170 " "	1"×3"
Base board:	170 " "	1⅛"×6"
Quarter round:	340 " "	1"
Siding:	1400 sq. ft.	
Sheathing:	2600 " "	
Building paper:	2500 " "	
Roofing:	14 squares	
Wall board:	2700 sq. ft.	
Windows:	15 double sash 12 lts. 10"×12" glass	
Doors:	4 - 3'-0"×7'-0"	

Hardware
Gutters: 88'-0" - 5" diam.
Leaders: 50'-0" - 3" " & 8 elbows
Flue lining: 14'-0" - 18"×18" T. C.
14'-0" - 20"×20" " "
14'-0" - 8½"×8½" T. C.
Ventilators: 6 - 8"×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 ECONOMICS
AGRICULTURAL EXTENSION SERVICE
UNIVERSITY OF ARIZONA
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

CLUB BUILDING

USDA | EX. 5603 | SHEET 1 OF 1