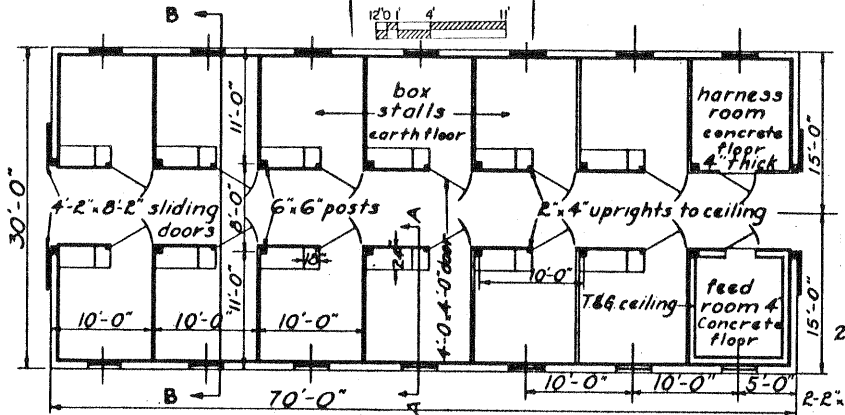


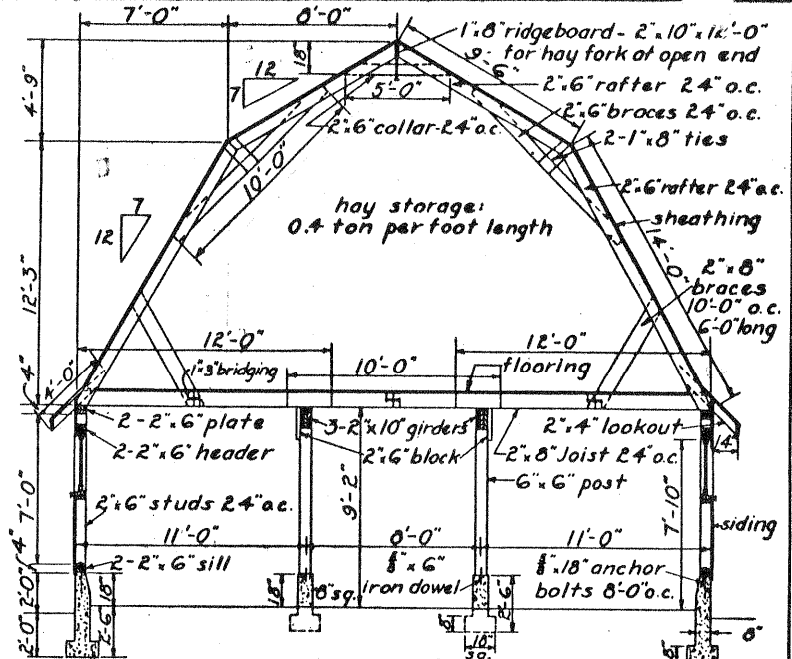
ELEVATION



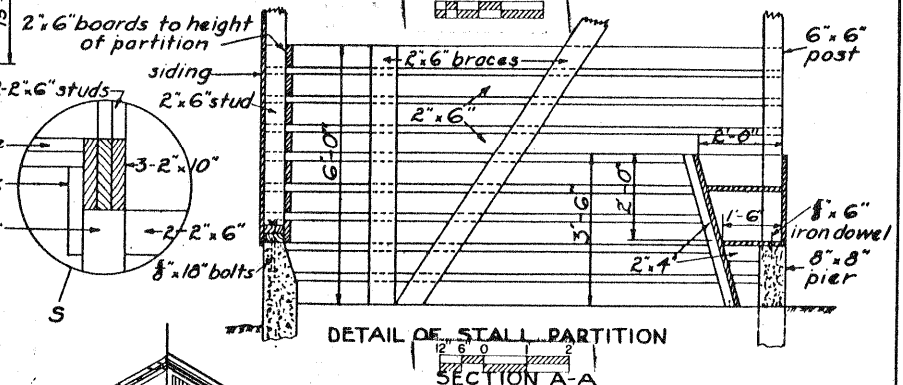
PLAN

BILL OF MATERIALS

Concrete: 25 cu. yds.	1:2:4 mix	manger bds. 540 bd. ft.
cement: 138 bags		guard bds. 1120 bd. ft.
sand: 14.5 cu. yds.		trim bds. 285 lin. ft.
stone: 21.0 cu. yds.		250 " 1"x4"
Lumber		
girders: 42 pcs.	2"x10"x10'-0"	uprights: 12 pcs. 2"x4"x10'-0"
sills: 34 "	2"x6"x12'-0"	manger braces: 15 "
studs: 74 "	2"x6"x14'-0"	studs: 10 "
plates: 28 "	2"x6"x10'-0"	gates: 12 "
posts: 8 "	2"x6"x16'-0"	" 54 "
posts: 16 "	2"x6"x7'-0"	flooring: 2630 sq. ft.
rafters: 72 "	2"x6"x14'-0"	siding: 2200 sq. ft.
rafters: 72 "	2"x6"x10'-0"	windows: 14 single sash
lookouts: 24 "	2"x4"x12'-0"	doors: 4 - 4'-2"x8'-2" sliding
corner bds. 4 "	1"x4"x16'-0"	" 1 - 3'-6"x6'-0"
stall part. 90 "	2"x6"x12'-0"	" 1 - 3'-0"x6'-8"
braces: 72 "	2"x6"x10'-0"	hay doors: 2 - 4'-0"x8'-0"
" 7 "	2"x0"x12'-0"	sheathing: 4200 bd. ft.
" 18 "	2"x6"x10'-0"	roofing: 40 sq. gres.
collars: 18 "	2"x6"x10'-0"	anchor bolts: 24 - 3/8"x18"
ties: 24 "	1"x8"x12'-0"	iron dowels: 12 - 3/8"x6"
joist: 72 "	2"x8"x12'-0"	T. & G. ceiling: 600 sq. ft.
ridgeboard: 6 "	2"x8"x10'-0"	Also nails, paint, hardware, etc.
" 1 "	2"x10"x12'-0"	
Cross bridging 420 lin. ft. 1"x3"		

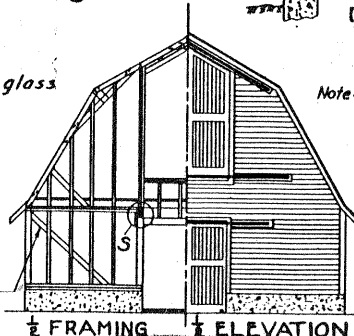


SECTION B-B



DETAIL OF STALL PARTITION

SECTION A-A



Note: For large horses increase size of stalls and use corner mangers.

COOPERATIVE EXTENSION WORK IN
 AGRICULTURE AND HOME ECONOMICS

AND
 U. S. DEPT. OF AGRICULTURE COOPERATING

HORSE BARN

VA EX 5563 SHEET 1 OF 1

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