

BILL OF MATERIALS

Concrete: 25 cu yds. 1:2:4 mix
 cement: 150 bags
 sand: 14.5 cu yds.
 stone: 21.0 cu yds.

Lumber:
 girders: 42 per. 2" x 10" x 10'-0"
 sills: 34 " 2" x 6" x 12'-0"
 studs: 74 " 2" x 6" x 14'-0"
 plates: 28 " 2" x 6" x 10'-0"
 posts: 8 " 2" x 6" x 9'-0"
 rafters: 16 " 2" x 6" x 1'-0"
 lookouts: 12 " 2" x 6" x 14'-0"
 corner bds: 24 " 2" x 4" x 12'-0"
 stall part: 72 " 1" x 4" x 16'-0"
 braces: 72 " 2" x 6" x 12'-0"
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 collars: 18 " 2" x 6" x 12'-0"
 ties: 24 " 1" x 8" x 12'-0"
 joist: 36 " 2" x 8" x 10'-0"
 ridsboard: 6 " 1" x 8" x 12'-0"
 Cross bracing: 2 " 10" x 12'-0"

uprights: 12 per. 2" x 4" x 10'-0"
 manger bds: 540 bd. ft.
 guard bds: 1120 bd. ft. x 2"
 trim bds: 285 lin. ft. 1" x 4"
 250 " 1" x 6"

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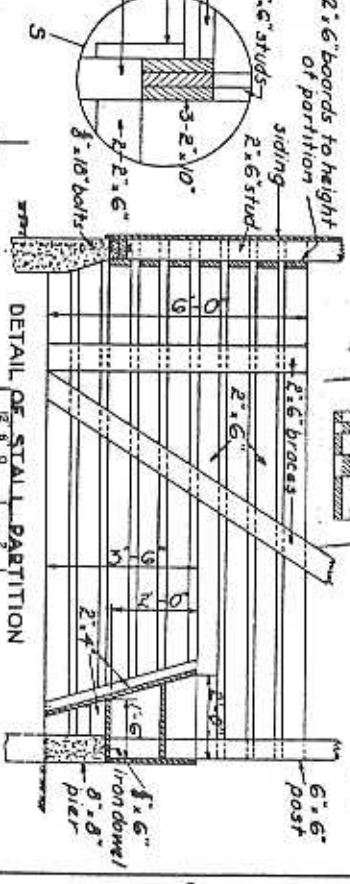
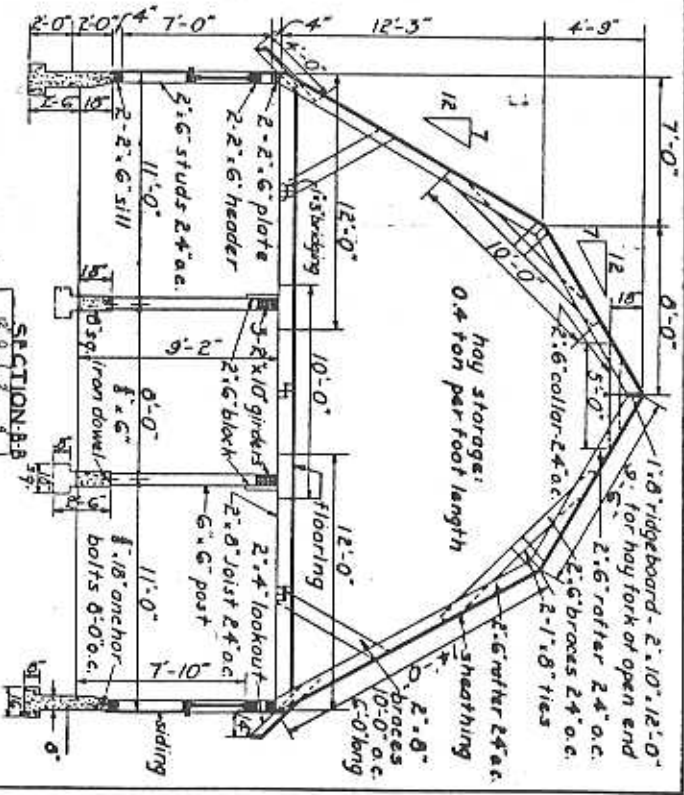
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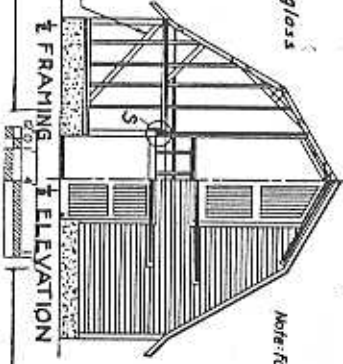
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Note: For large horses increase size of stalls and use corner mangers.



COOPERATIVE EXTENSION WORK IN
 AGRICULTURE AND HOME ECONOMICS
 U. S. DEPT. OF AGRICULTURE GOVERNMENT
 AND
 HORSE BARN
 EX-3563 SHEET 1 OF 1