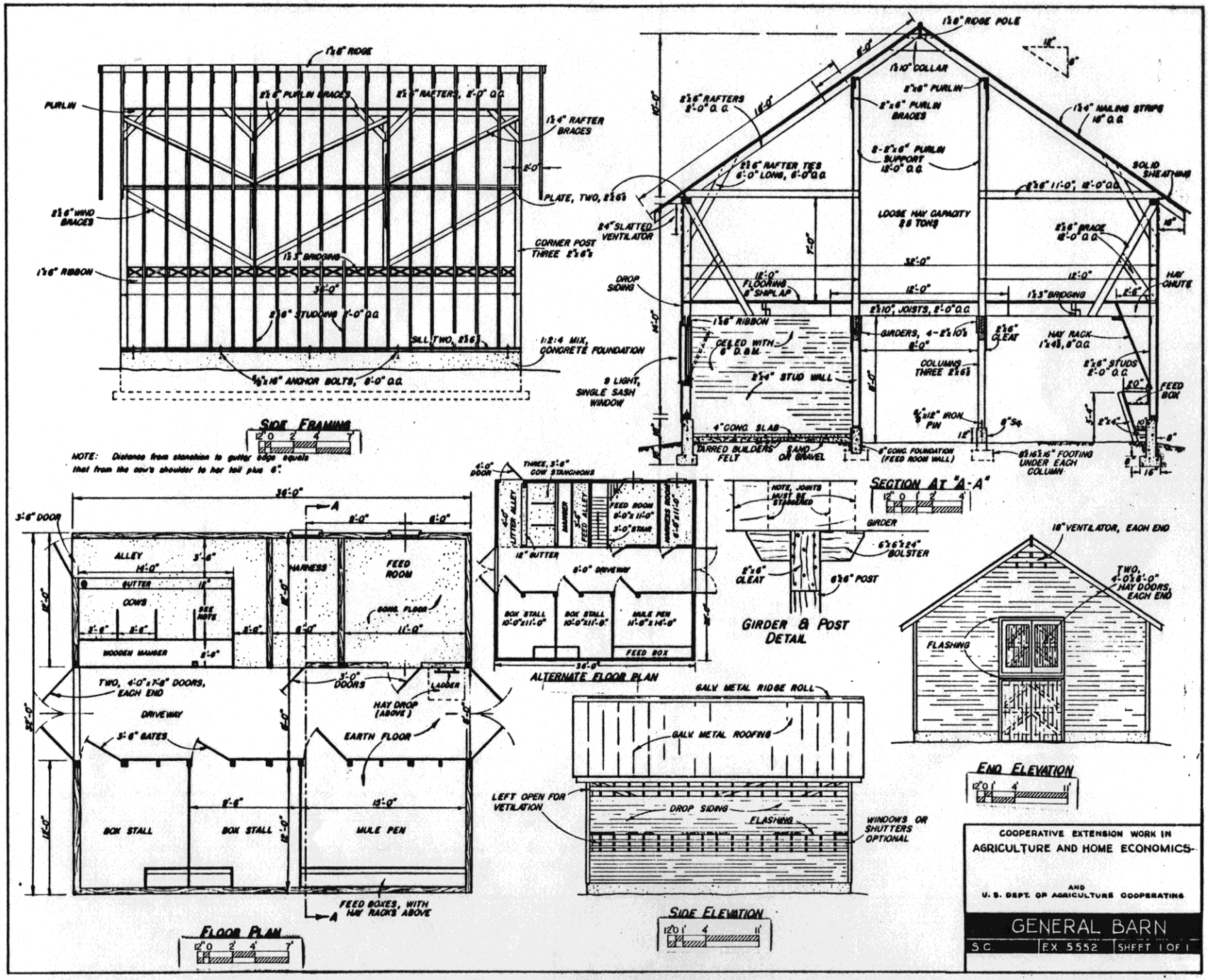
1⅞" RIDGE
PURLIN
2⅞" PURLIN BRACES
2⅞" RAFTERS, 2'-0" O.C.
1¾" RAFTER BRACES
2'-0"
PLATE, TWO, 2⅞"
2⅞" WIND BRACES
CORNER POST THREE 2⅞"
1⅞" RIBBON
1⅞" BRIDGING
3'-0"
2⅞" STUDDING 1'-0" O.C.
SILL, TWO, 2⅞"
1:2:4 MIX, CONCRETE FOUNDATION
⅝"x18" ANCHOR BOLTS, 8'-0" O.C.
SIDE FRAMING
NOTE: Distance from stanchion to gutter edge equals that from the cow's shoulder to her tail plus 6".
1⅞" RIDGE POLE
1⅞" COLLAR
2"x6" PURLIN
2"x6" PURLIN BRACES
2⅞"x6" RAFTERS 2'-0" O.C.
2⅞" RAFTER TIES 6'-0" LONG, 6'-0" O.C.
8-2"x6" PURLIN SUPPORT 18'-0" O.C.
1¾" NAILING STRIPS 18" O.C.
SOLID SHEATHING
2⅞"x6" 11'-0", 18'-0" O.C.
LOOSE HAY CAPACITY 2.6 TONS
2⅞"x6" BRACE 18'-0" O.C.
24" SLATTED VENTILATOR
32'-0"
12'-0"
DROP SIDING
12'-0" FLOORING 8" SHIPLAP
1⅞" BRIDGING
HAY CHUTE
2⅞"x10", JOISTS, 2'-0" O.C.
1⅞" RIBBON
GIRDERS, 4-2⅞"x10" 8'-0"
2⅞" CLEAT
HAY RACK 1"x4", 8" O.C.
CEILED WITH 8" D. & M.
COLUMNS THREE 2⅞"x6"
2⅞"x6" STUDS 2'-0" O.C.
2⅞"x4" STUD WALL
9 LIGHT, SINGLE SASH WINDOW
FEED BOX
⅝"x12" IRON PIN
8"Sq.
4" CONC. SLAB
TARRED BUILDERS FELT
SAND OR GRAVEL
8" CONC. FOUNDATION (FEED ROOM WALL)
2⅞"x16"x16" FOOTING UNDER EACH COLUMN
SECTION AT "A-A"
36'-0"
3'-6" DOOR
ALLEY
14'-0"
GUTTER
COWS
SEE NOTE
WOODEN MANGER
HARNESS
FEED ROOM
CONC. FLOOR
11'-0"
TWO, 4'-0"x7'-6" DOORS, EACH END
DRIVEWAY
3'-6" GATES
3'-0" DOORS
LADDER
HAY DROP (ABOVE)
EARTH FLOOR
BOX STALL
BOX STALL
MULE PEN
FEED BOXES, WITH HAY RACKS ABOVE
FLOOR PLAN
4'-0" DOOR
THREE, 3'-6" COW STANCHIONS
GUTTER ALLEY
HARNESS
FEED ALLEY
FEED ROOM 6'-0"x11'-0"
3'-0" STAIR
HARNESS ROOM
18" GUTTER
6'-0" DRIVEWAY
BOX STALL 10'-0"x11'-0"
BOX STALL 10'-0"x11'-0"
MULE PEN 11'-0"x14'-0"
FEED BOX
ALTERNATE FLOOR PLAN
NOTE, JOINTS MUST BE STAGGERED
GIRDER
6"x6"x24" BOLSTER
2"x6" CLEAT
6"x6" POST
GIRDER & POST DETAIL
18" VENTILATOR, EACH END
TWO, 4'-0"x6'-0" HAY DOORS, EACH END
FLASHING
END ELEVATION
GALV. METAL RIDGE ROLL
GALV. METAL ROOFING
LEFT OPEN FOR VETILATION
DROP SIDING
FLASHING
WINDOWS OR SHUTTERS OPTIONAL
SIDE ELEVATION
COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
AND
U. S. DEPT. OF AGRICULTURE COOPERATING
GENERAL BARN
S.C.
EX 5552
SHEET 1 OF 1