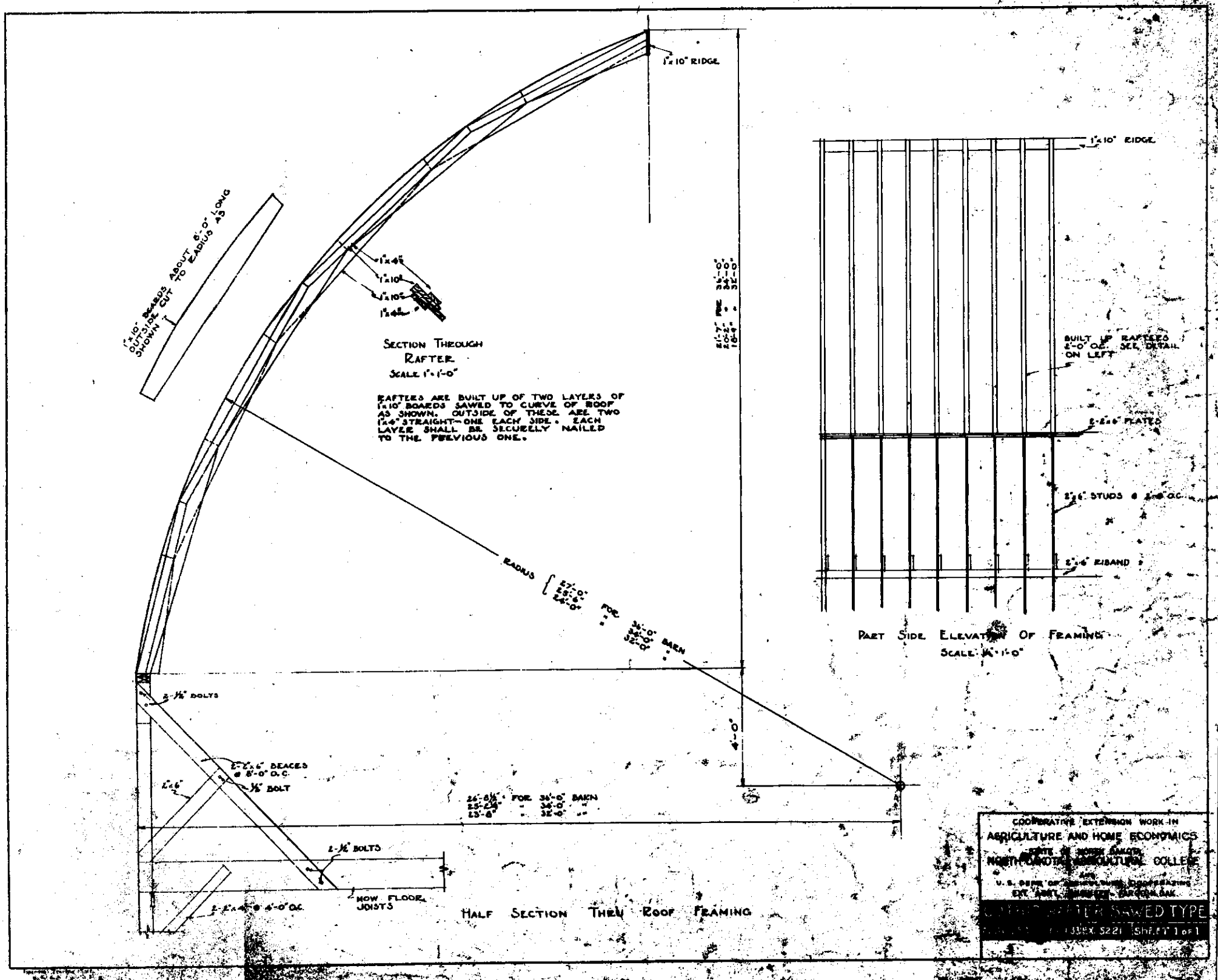
1"x10" RIDGE
1"x10" BOARDS ABOUT 8'-0" LONG OUTSIDE CUT TO RADIUS AS SHOWN
1"x4"
1"x10"
1"x10"
1"x4"
SECTION THROUGH RAFTER
SCALE 1" = 1'-0"
RAFTERS ARE BUILT UP OF TWO LAYERS OF 1"x10" BOARDS SAWED TO CURVE OF ROOF AS SHOWN. OUTSIDE OF THESE ARE TWO 1"x4" STRAIGHT—ONE EACH SIDE. EACH LAYER SHALL BE SECURELY NAILED TO THE PREVIOUS ONE.
21'-7" FOR 36'-0" BARN
20'-2" " 34'-0" "
18'-4" " 32'-0" "
RADIUS [27'-0" 25'-6" 24'-0" FOR 36'-0" 34'-0" 32'-0" BARN
1"x10" RIDGE
BUILT UP RAFTERS 2'-0" O.C. SEE DETAIL ON LEFT
2"x6" PLATES
2"x6" STUDS @ 2'-0" O.C.
2"x6" RIBAND
PART SIDE ELEVATION OF FRAMING
SCALE 1/4" = 1'-0"
2-1/2" BOLTS
2"x6"
2"x6" BRACES @ 8'-0" O.C.
1/2" BOLT
4'-0"
26'-8 1/2" FOR 36'-0" BARN
25'-2 1/2" " 34'-0" "
23'-8" " 32'-0" "
2-1/2" BOLTS
NEW FLOOR JOISTS
2-2"x4" @ 4'-0" O.C.
HALF SECTION THRU ROOF FRAMING
COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
STATE OF NORTH DAKOTA
NORTH DAKOTA AGRICULTURAL COLLEGE
AND
U. S. DEPT. OF AGRICULTURE, COOPERATING
EXT. DIV., BINGHAM, DIRECTOR, FARGO, N.DAK.
WATER SAWED TYPE
33'x 52'21 SHEET 1 of 1