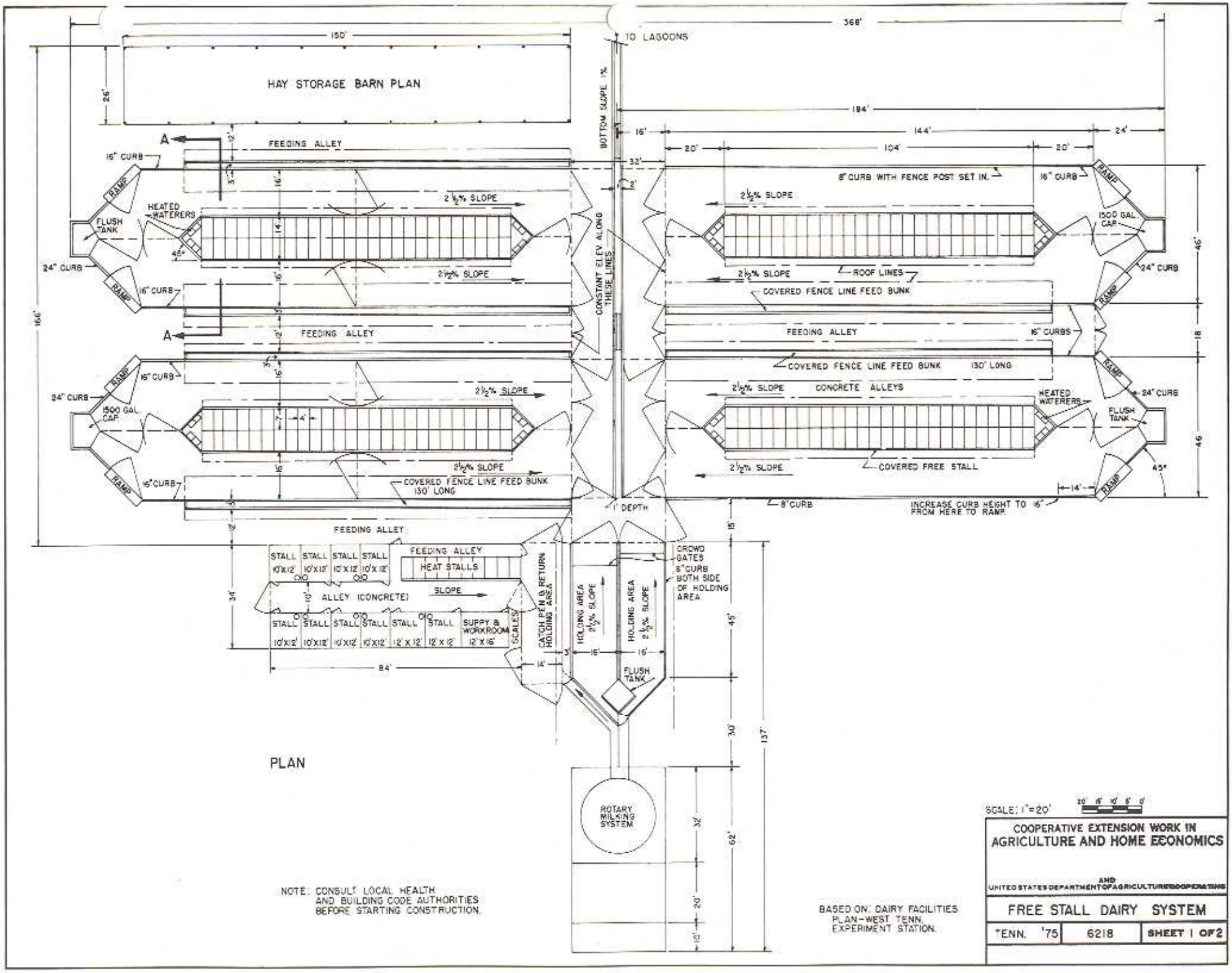
HAY STORAGE BARN PLAN
150'
368'
10 LAGOONS
BOTTOM SLOPE 1%
184'
144'
104'
20'
24'
16'
32'
FEEDING ALLEY
16" CURB
RAMP
HEATED WATERERS
FLUSH TANK
2 1/2% SLOPE
45°
24" CURB
1500 GAL. CAP.
CONSTANT ELEV ALONG THESE LINES
8" CURB WITH FENCE POST SET IN.
ROOF LINES
COVERED FENCE LINE FEED BUNK
16" CURBS
COVERED FENCE LINE FEED BUNK 130' LONG
CONCRETE ALLEYS
COVERED FREE STALL
14'
8" CURB
INCREASE CURB HEIGHT TO 16" FROM HERE TO RAMP.
1' DEPTH
166'
46'
18
STALL 10'x12'
FEEDING ALLEY
HEAT STALLS
SLOPE
ALLEY (CONCRETE)
12'x12'
SUPPY & WORKROOM 12'x16'
SCALES
CATCH PEN & RETURN HOLDING AREA
HOLDING AREA 2 1/2% SLOPE
CROWD GATES
8" CURB BOTH SIDE OF HOLDING AREA
84'
34'
45'
30'
137'
ROTARY MILKING SYSTEM
32'
62'
20'
12'
PLAN
NOTE: CONSULT LOCAL HEALTH AND BUILDING CODE AUTHORITIES BEFORE STARTING CONSTRUCTION.
BASED ON: DAIRY FACILITIES PLAN-WEST TENN. EXPERIMENT STATION.
SCALE: 1"=20'
20' 15' 10' 5' 0'
COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING
FREE STALL DAIRY SYSTEM
TENN. '75
6218
SHEET 1 OF 2