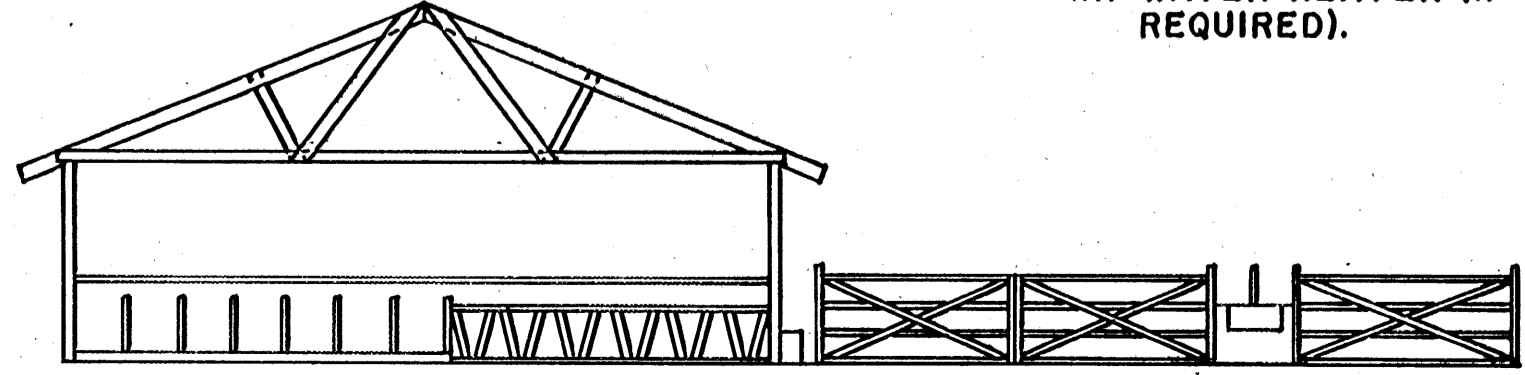


- LEGEND**
- I. PROVIDE HEATING IN THIS AREA.
  - \* ADJUST STALL WIDTHS TO SPACE AVAILABLE.
  - \*\* ONE STALL MAY BE MADE WIDER FOR BULL.
  - W WATERER
  - S SINK
  - R REFRIGERATOR
  - E ELECTRIC FENCE LINE
  - H HAY FEEDERS
  - SL CALF STANCHION LINE
  - DD DUTCH DOOR (ALTERNATE-SLIDING DOORS SEE SHEET NO. 5).
  - F FAN
  - WH WATER HEATER (IF REQUIRED).

NOTE: CONSULT LOCAL HEALTH AND BUILDING CODE AUTHORITIES BEFORE STARTING CONSTRUCTION.



AREA	NO. HEAD	STALLS *	AGE
(A)	9	CRATES	0-3 MONTHS (NOTE-1)
(B)	6	2'-0" x 4'-0"	4-5 MONTHS
(C)	6	2'-4" x 4'-6"	6-8 MONTHS
(D)	16	3'-0" x 5'-6"	9-15 MONTHS
(E)**	18	3'-3" x 6'-0"	16-20 MONTHS
(F)	16	3'-6" x 6'-6"	21-24 MONTHS
(G)	15	3'-9" x 7'-0"	DRY COWS

AREA	NO. HEAD	STALLS *	AGE
(A)	6	CRATES	0-3 MONTHS (NOTE-1)
(B)	6	2'-0" x 4'-0"	4-5 MONTHS
(C)	6	2'-4" x 4'-6"	6-8 MONTHS
(D)	20	3'-0" x 5'-6"	9-16 MONTHS
(E)	17	3'-6" x 6'-6"	17-23 MONTHS

12' 0" 4' 8' 12'

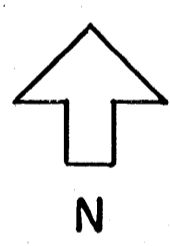
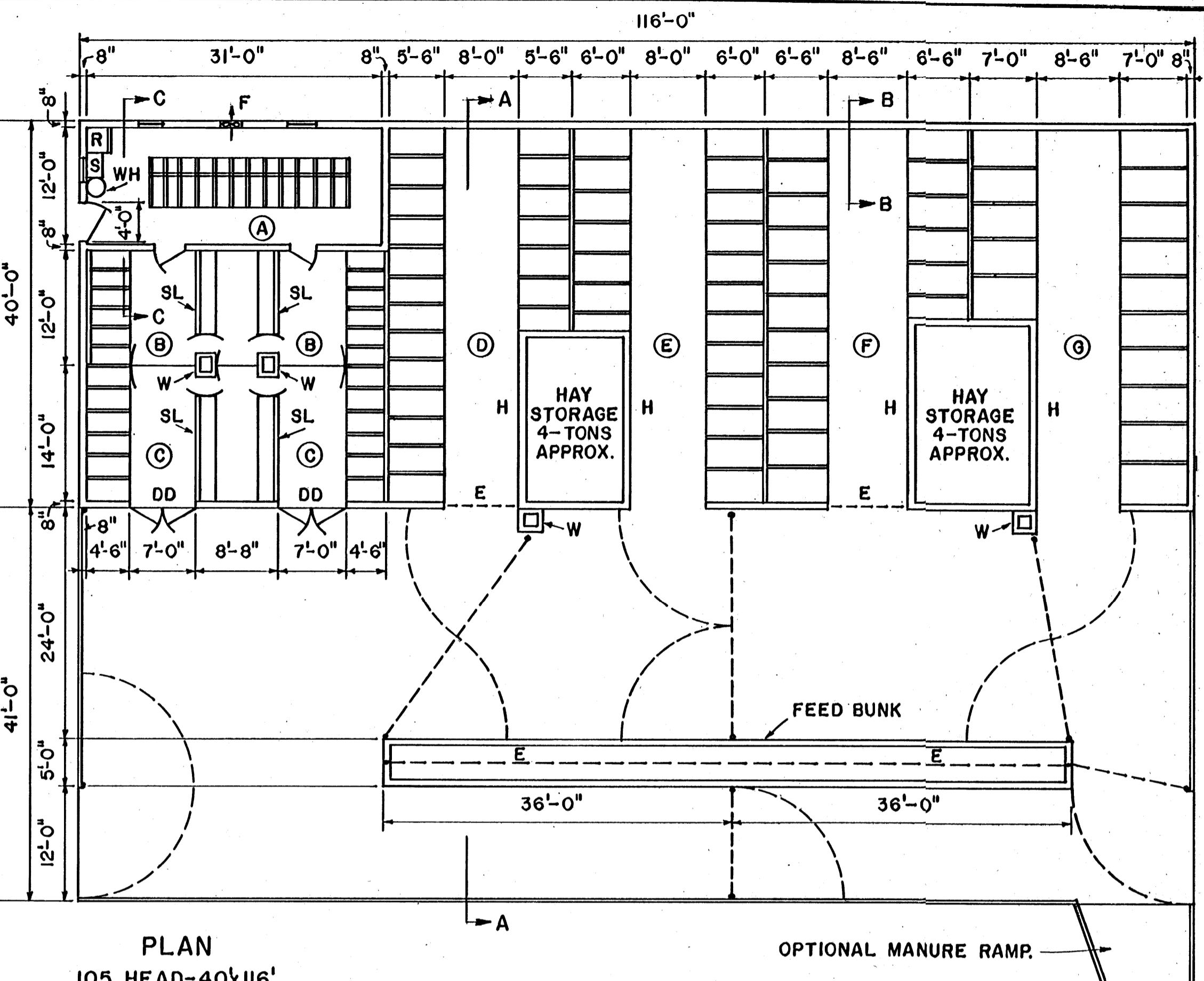
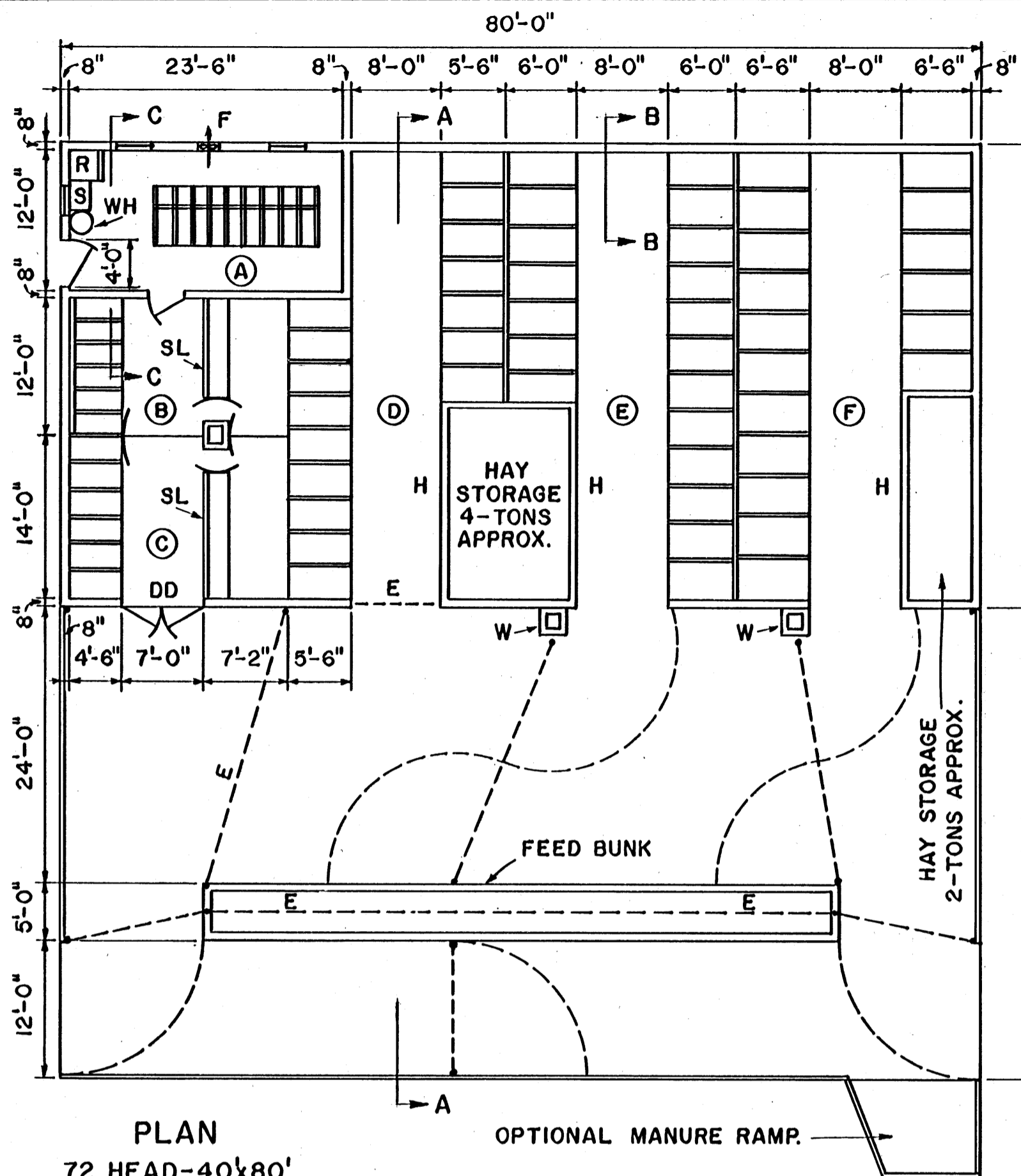
SCALE: 3/32" = 1'-0" UNLESS OTHERWISE NOTED.

BASED ON: UNIV. OF MAINE PLAN NO. 36814, 15, 16, 17, 18, 20 & 21.

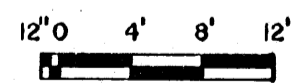
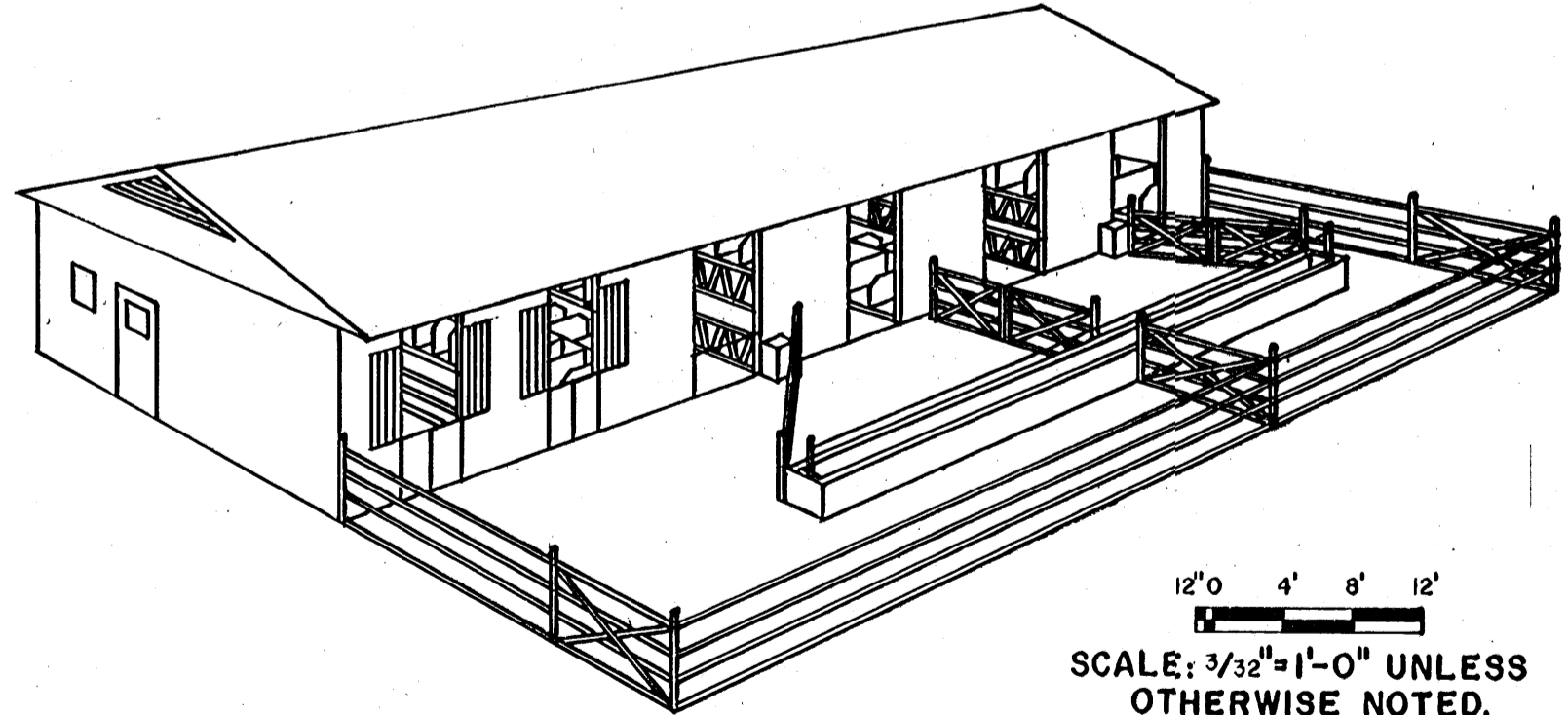
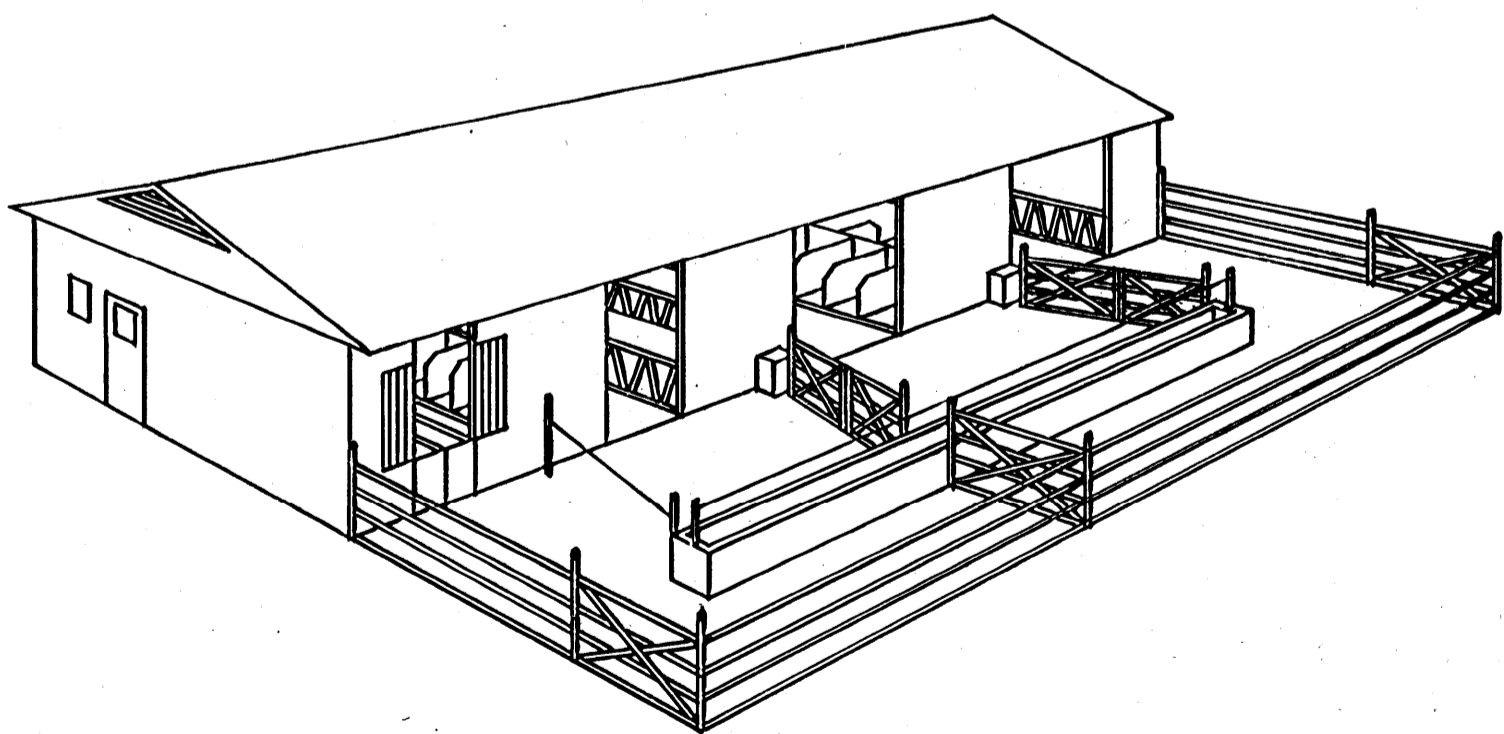
COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS  
STATE OF MISSISSIPPI  
MISSISSIPPI STATE UNIVERSITY  
AND  
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

**DAIRY REPLACEMENT HOUSING**

ME. '75 6234 SHEET 1 OF 5



PERSPECTIVES



SCALE: 3/32"=1'-0" UNLESS OTHERWISE NOTED.

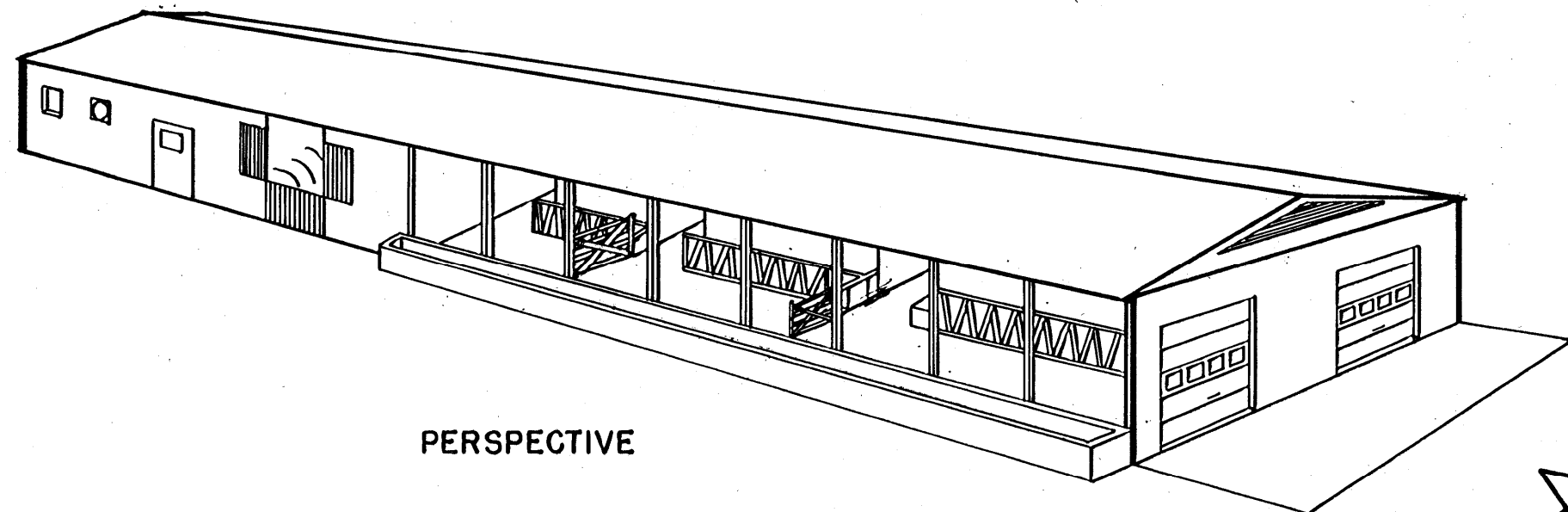
AREA	NO. HEAD	STALLS *	AGE
(A)	9	CRATES	0-3 MONTHS (NOTE-1)
(B)	6	2'-0"x4'-0"	4-5 MONTHS
(C)	6	2'-4"x4'-6"	6-8 MONTHS
(D)	16	3'-0"x5'-6"	9-15 MONTHS
(E)	18	3'-3"x6'-0"	16-21 MONTHS
(F)	17	3'-9"x6'-6"	22-26 MONTHS

AREA	NO. HEAD	STALLS *	AGE
(A)	12	CRATES	0-3 MONTHS (NOTE-1)
(B)	12	2'-0"x4'-0"	4-5 MONTHS
(C)	12	2'-4"x4'-6"	6-8 MONTHS
(D)	20	3'-0"x5'-6"	9-15 MONTHS
(E)**	18	3'-3"x6'-0"	16-20 MONTHS
(F)	16	3'-6"x6'-6"	21-24 MONTHS
(G)	15	3'-9"x7'-0"	DRY COWS

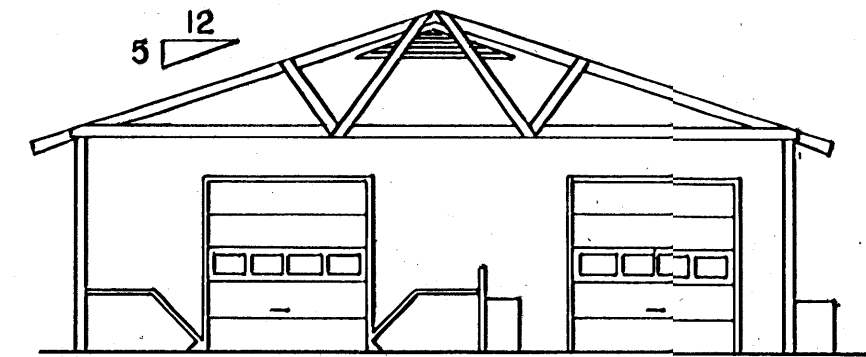
COOPERATIVE EXTENSION WORK IN  
AGRICULTURE AND HOME ECONOMICS  
STATE OF MISSISSIPPI  
MISSISSIPPI STATE UNIVERSITY  
AND  
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

**DAIRY REPLACEMENT HOUSING**

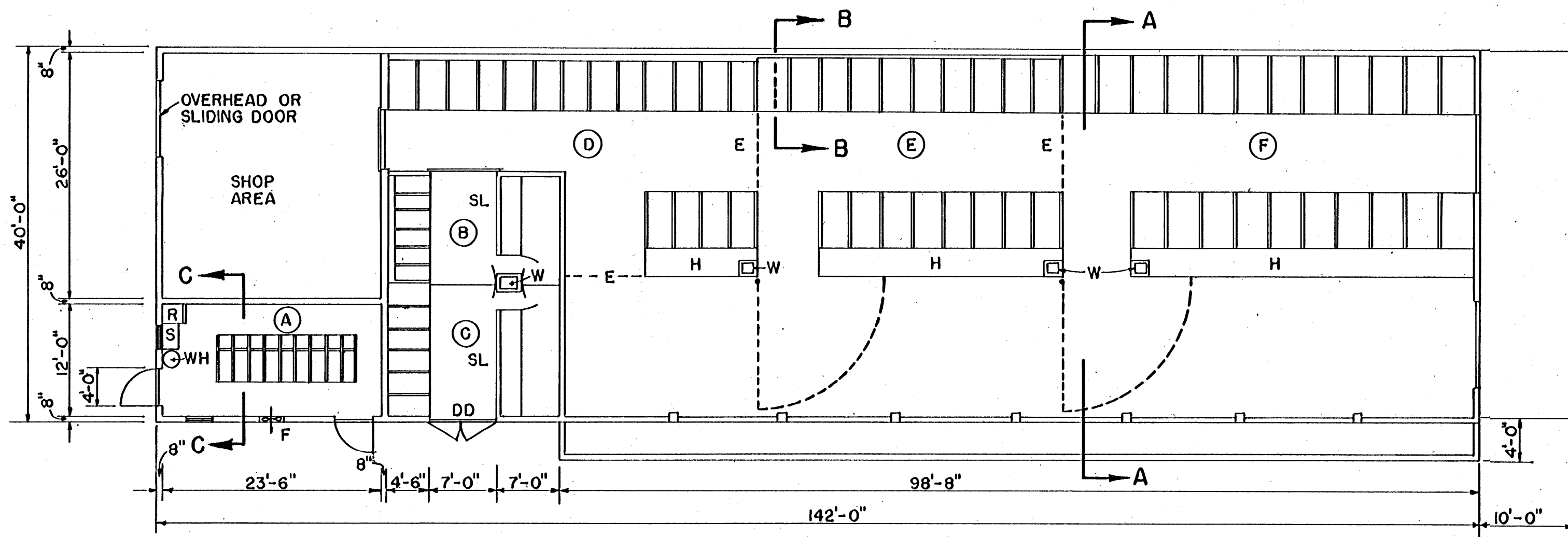
ME.	'75	6234	SHEET 2 OF 5
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PERSPECTIVE



SECTION A-A



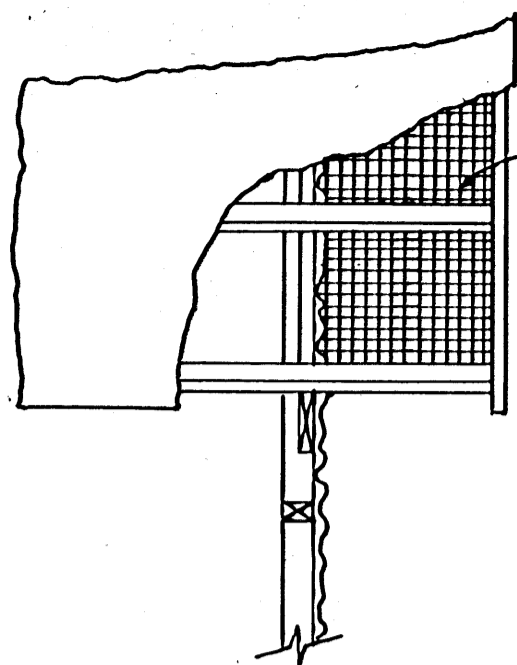
PLAN  
78 HEAD - 40' X 140' NO YARD  
SCALE: 3/32" = 1'-0"  
12' 0" 4' 8' 12'

AREA	N <sup>o</sup> . HEAD	STALLS *	AGE
(A)	9	CRATES	0-3 MONTHS (NOTE 1.)
(B)	6	2'-0" X 4'-0"	4-5 MONTHS
(C)	6	2'-4" X 4'-6"	6-8 MONTHS
(D)	17	3'-0" X 5'-6"	9-15 MONTHS
(E)	18	3'-3" X 6'-0"	16-21 MONTHS
(F)	22	3'-9" X 6'-6"	22-26 MONTHS

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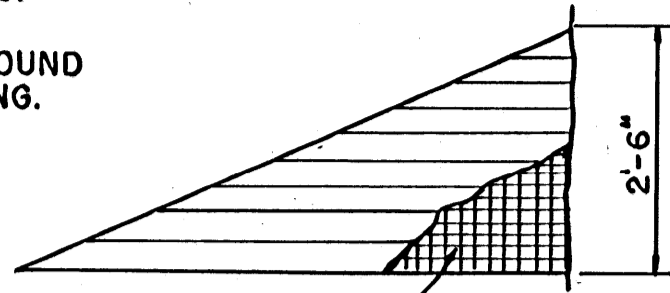
**DAIRY REPLACEMENT  
HOUSING**

ME.	'75	6234	SHEET 3 OF 5
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APPLY SCREENING TO UNDERSIDE OF ROOF NAILERS EXTENDED BEYOND END OF BUILDING.

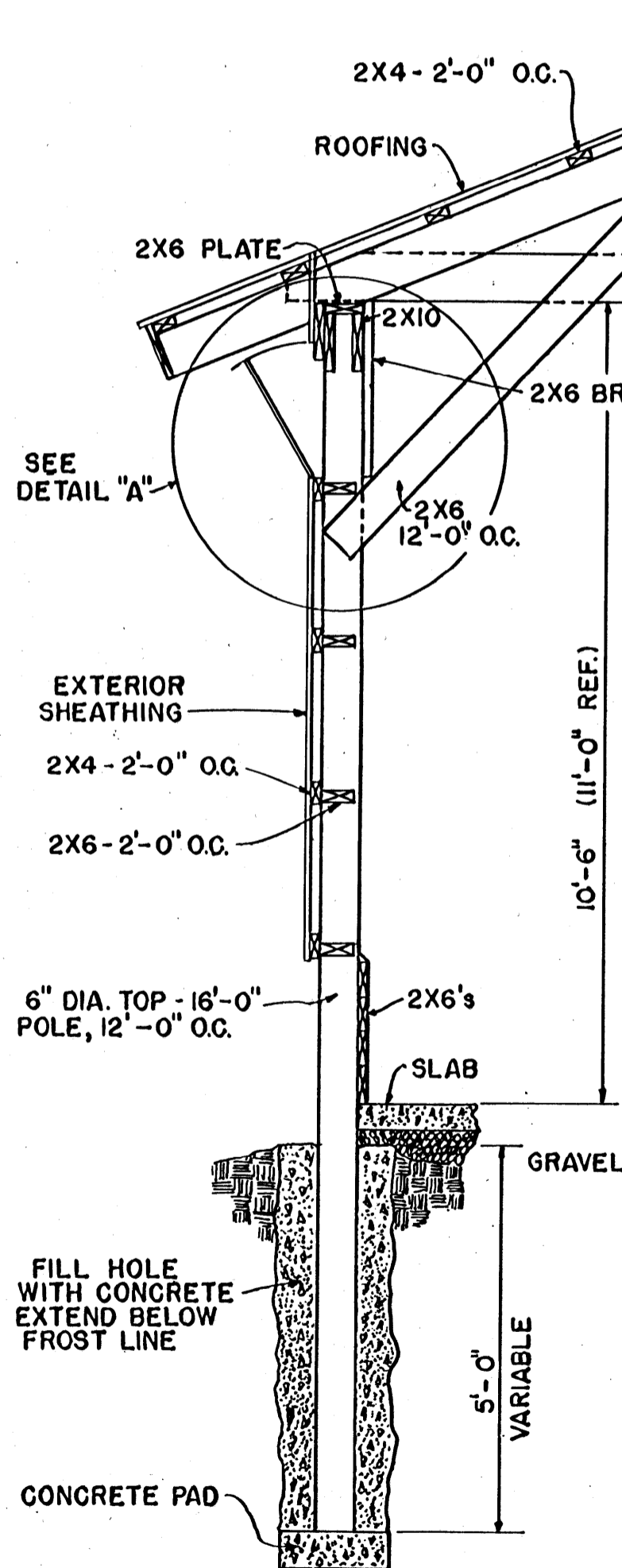
RAKE VENTILATION



APPLY SCREENING INSIDE

JOB BUILT LOUVERS

PROVIDE ONE OF THE ABOVE FOR VENTILATION



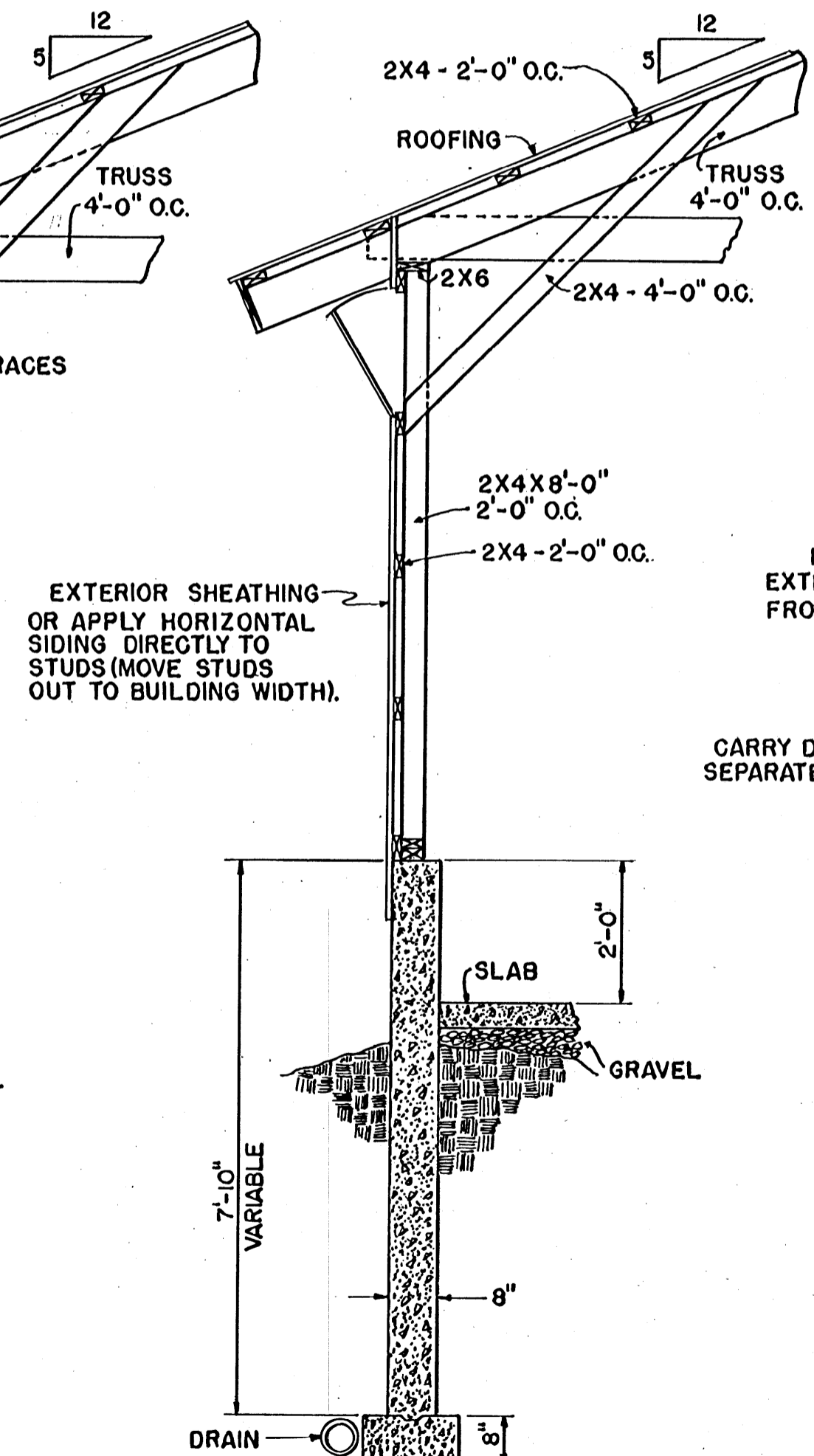
SEE DETAIL "A"

EXTERIOR SHEATHING

6" DIA. TOP - 16'-0" POLE, 12'-0" O.C.

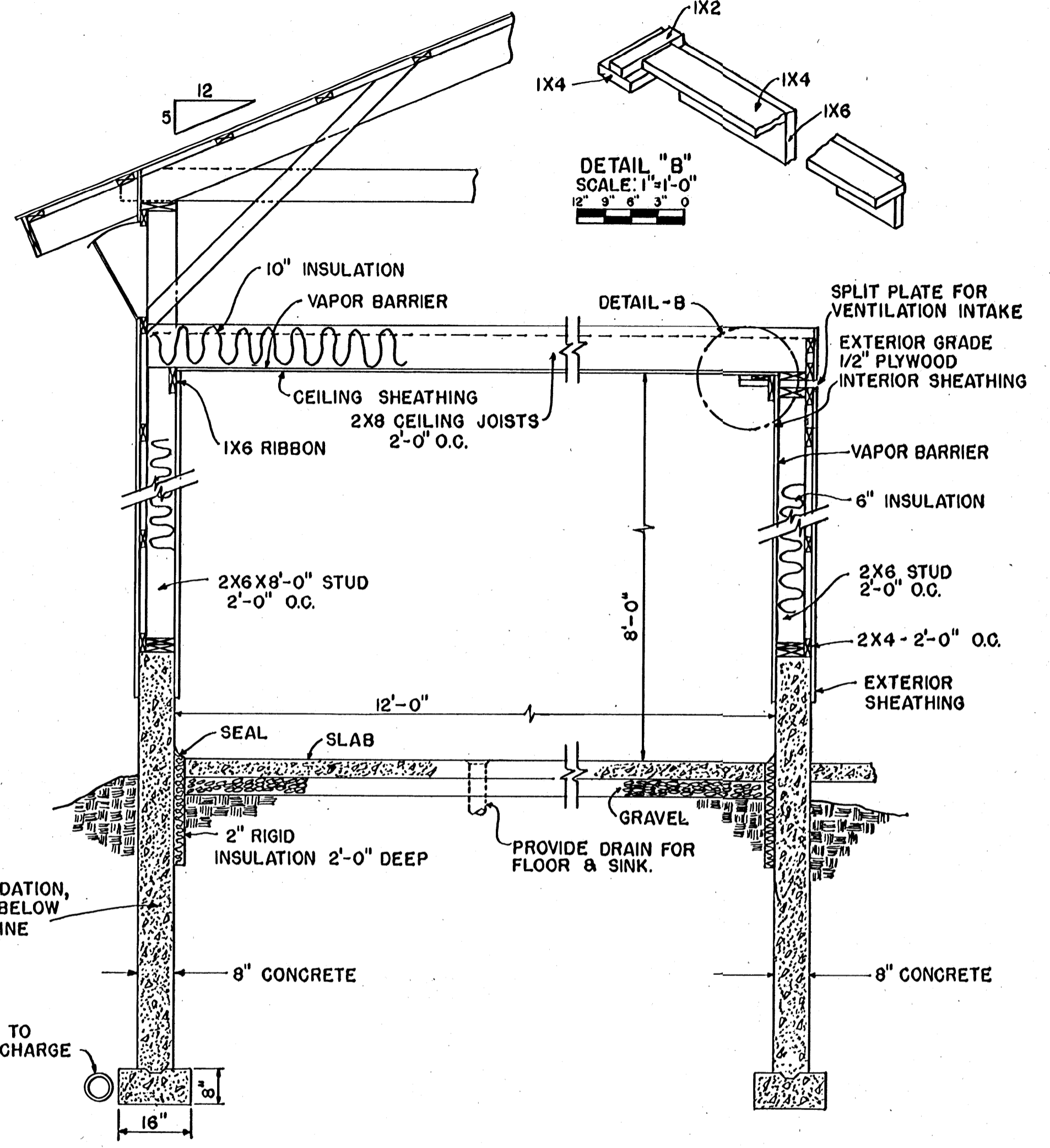
CONCRETE PAD

ALTERNATE POLE SECTION "B-B"



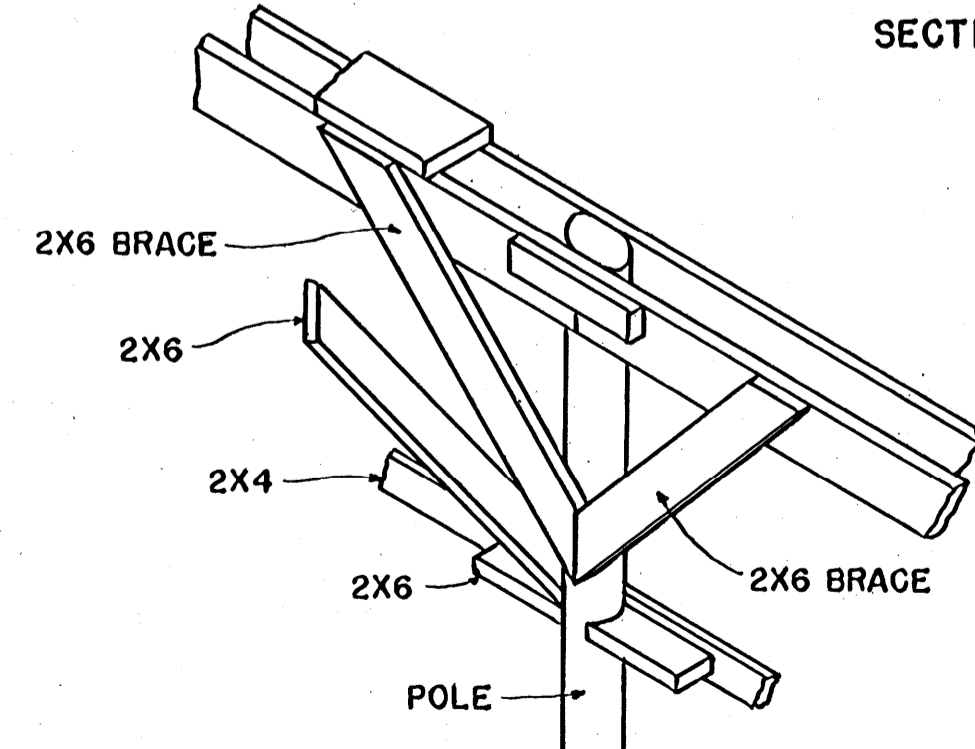
EXTERIOR SHEATHING OR APPLY HORIZONTAL SIDING DIRECTLY TO STUDS (MOVE STUDS OUT TO BUILDING WIDTH).

SECTION "B-B"



DETAIL "B" SCALE: 1"=1'-0" 12" 9" 6" 3" 0"

SECTION "C-C"



DETAIL "A" SCALE: NONE

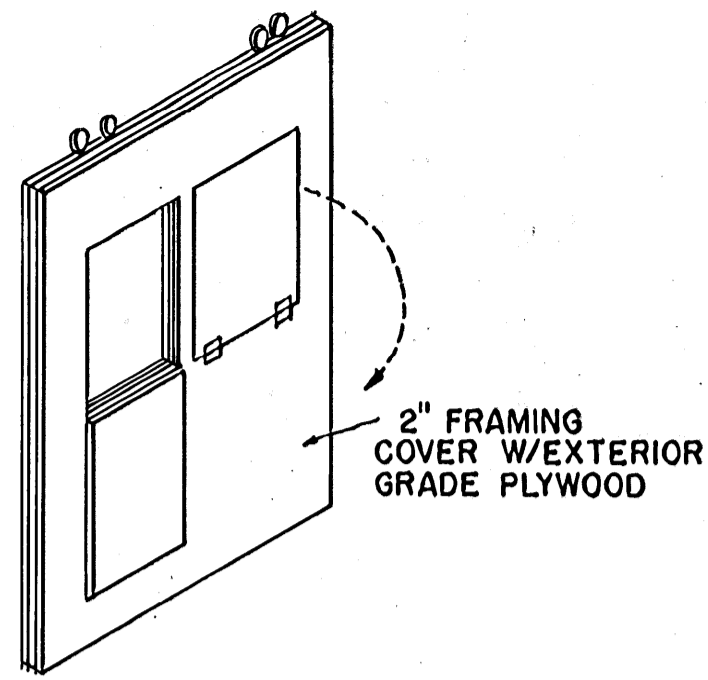
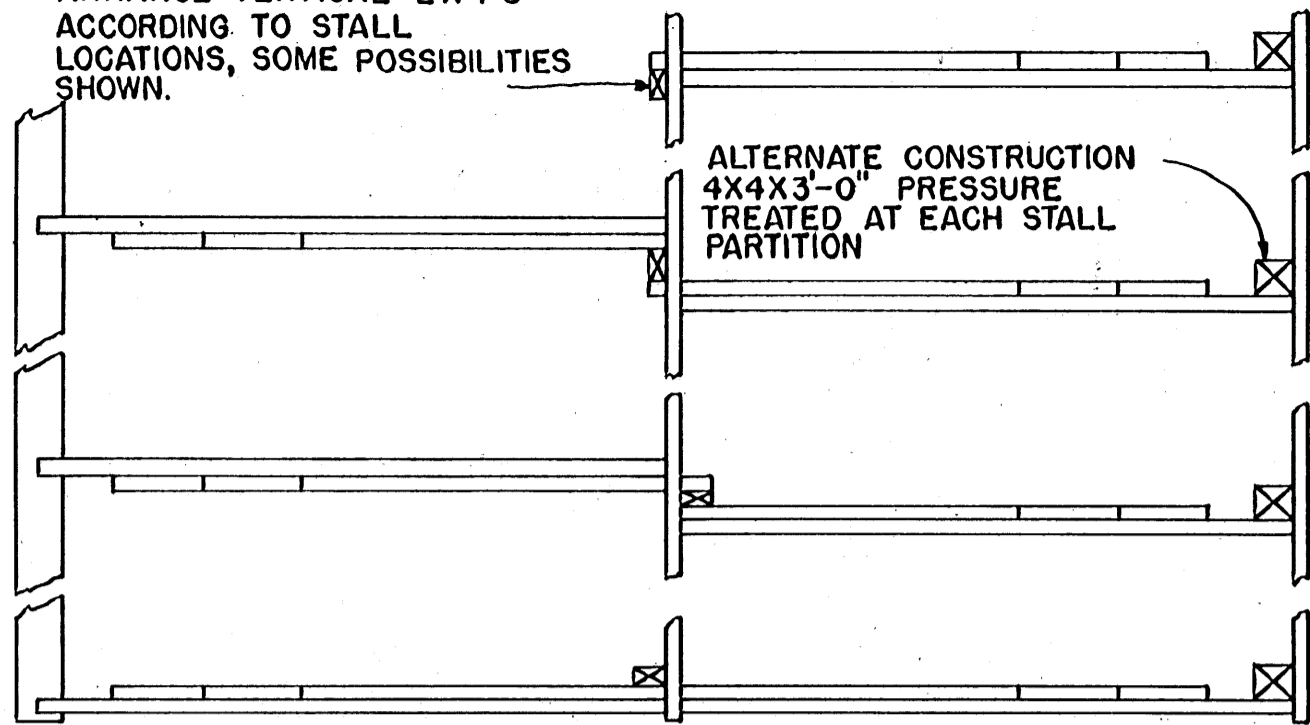
SCALE: 1/2"=1'-0" UNLESS OTHERWISE NOTED.

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS STATE OF MISSISSIPPI MISSISSIPPI STATE UNIVERSITY AND UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

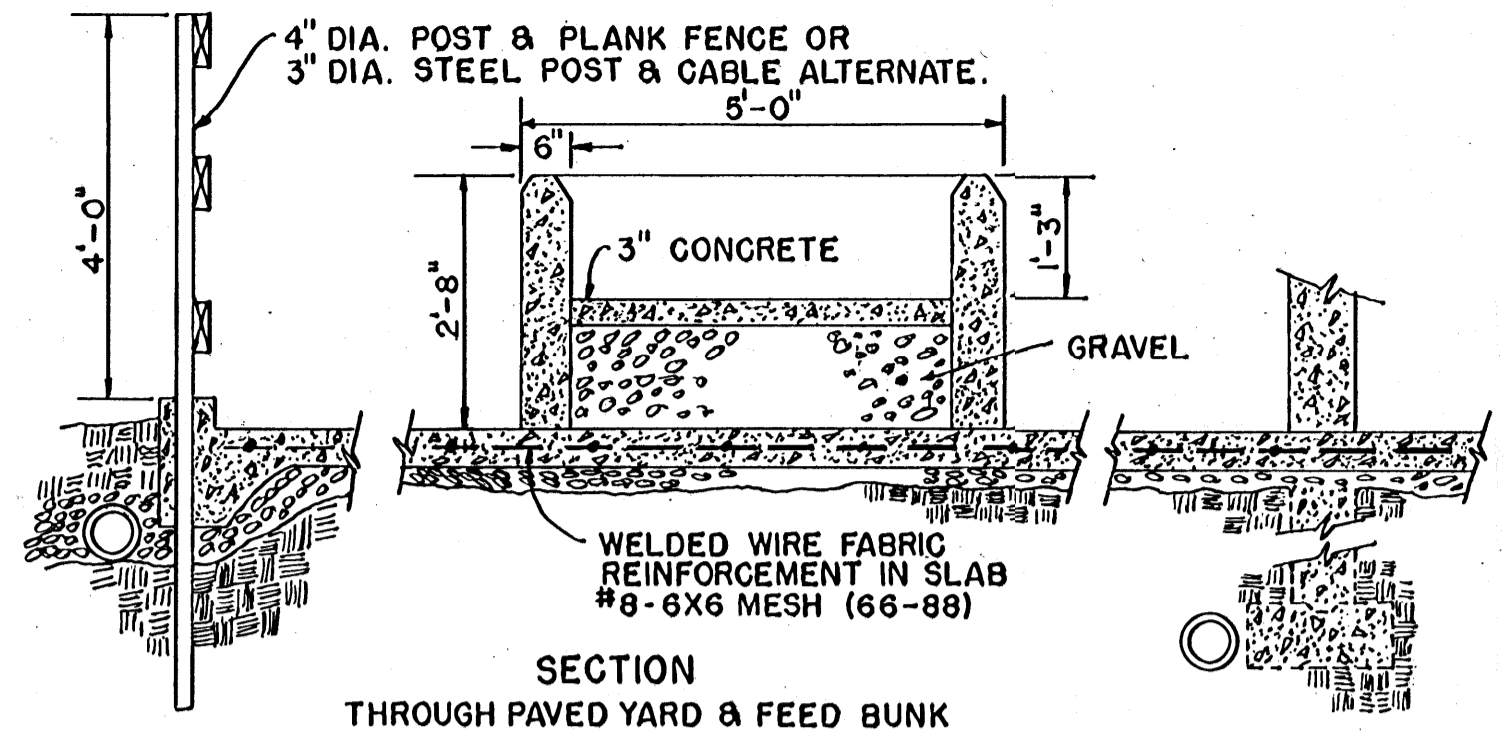
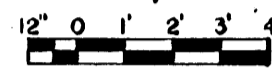
DAIRY REPLACEMENT HOUSING

ME. '75 6234 SHEET 4 OF 5

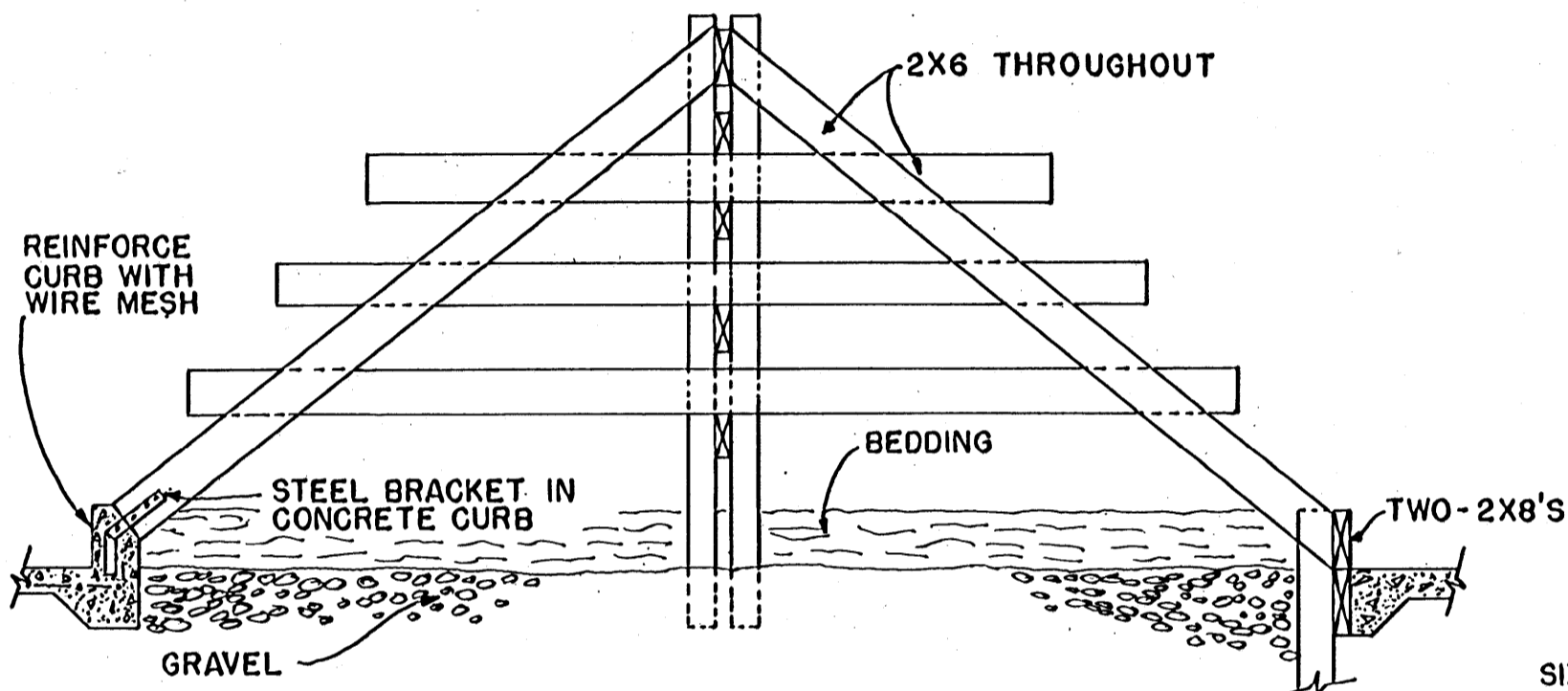
ARRANGE VERTICAL 2X4'S ACCORDING TO STALL LOCATIONS, SOME POSSIBILITIES SHOWN.



SLIDING DOOR  
ALTERNATE FOR DUTCH DOORS  
SCALE 1/4" = 1'-0"

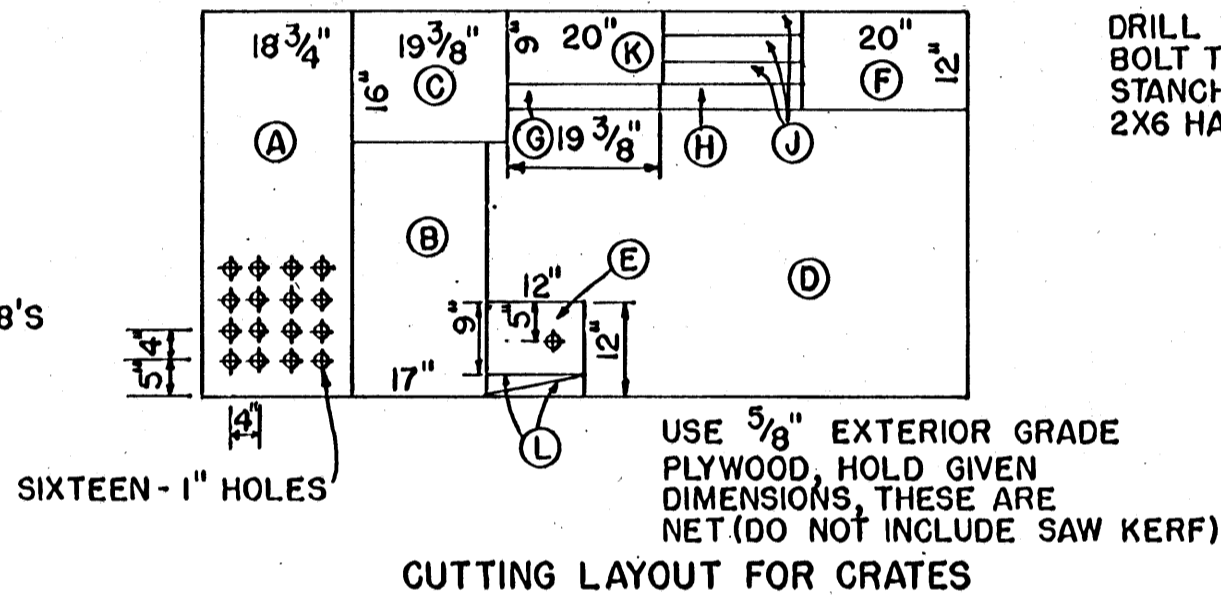


SECTION  
THROUGH PAVED YARD & FEED BUNK



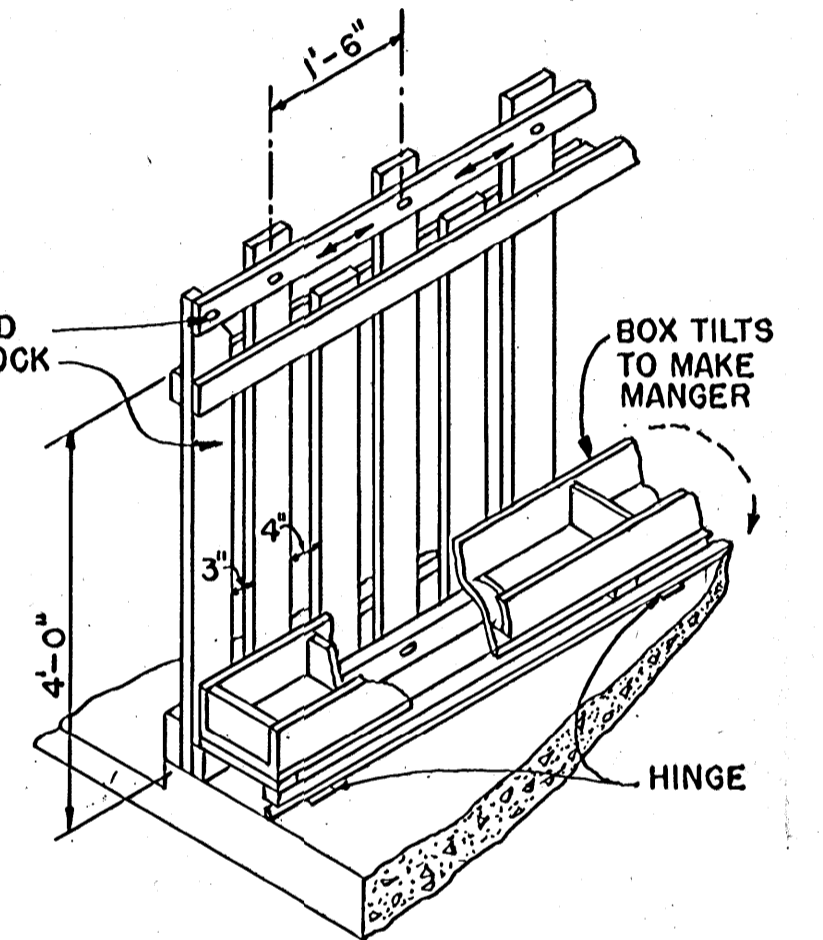
SUGGESTED FREE STALLS FOR TWO SIZE STALLS FACING EACH OTHER, ADJUST STALL LENGTHS TO FIT.

FREE STALLS

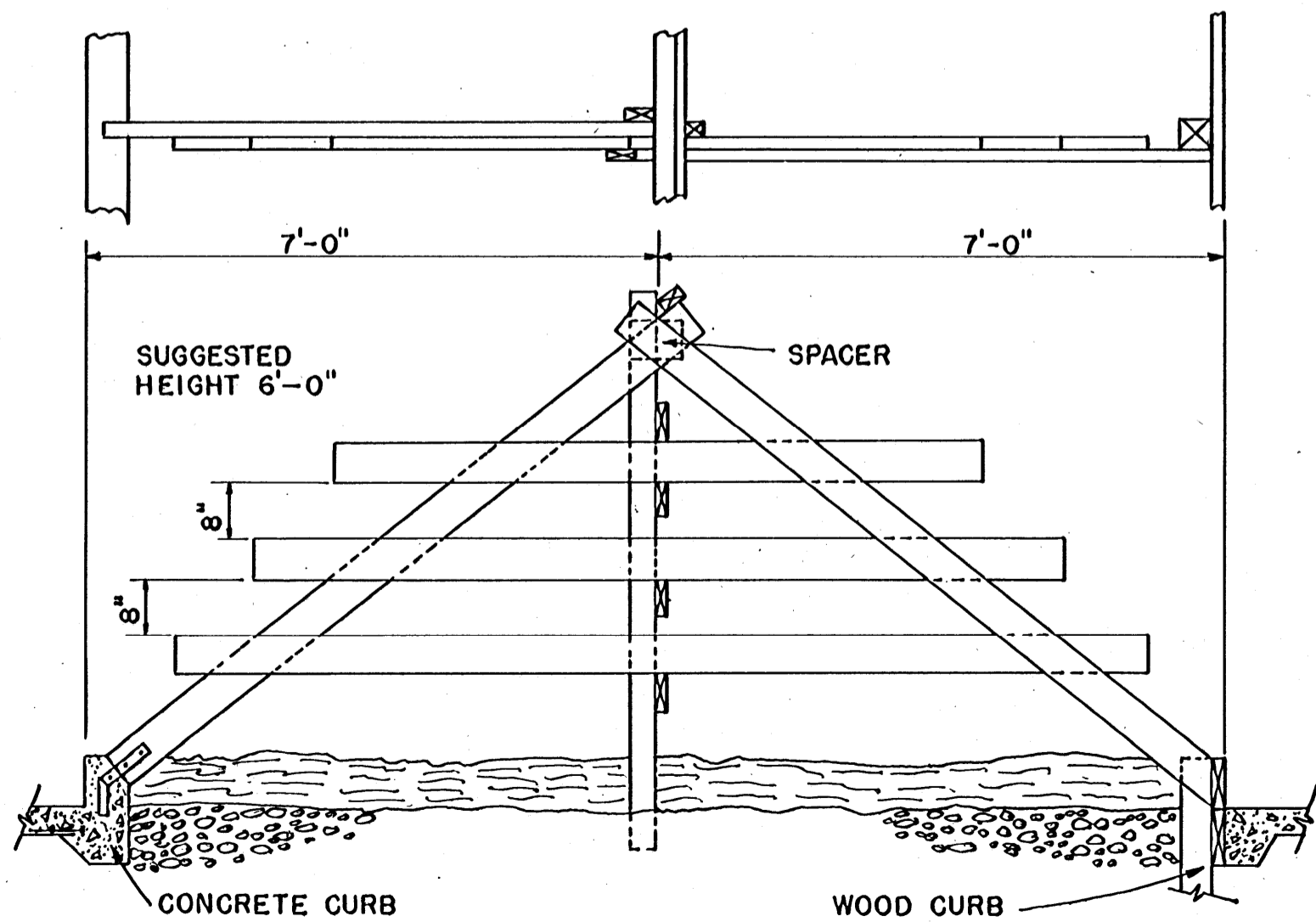


CUTTING LAYOUT FOR CRATES

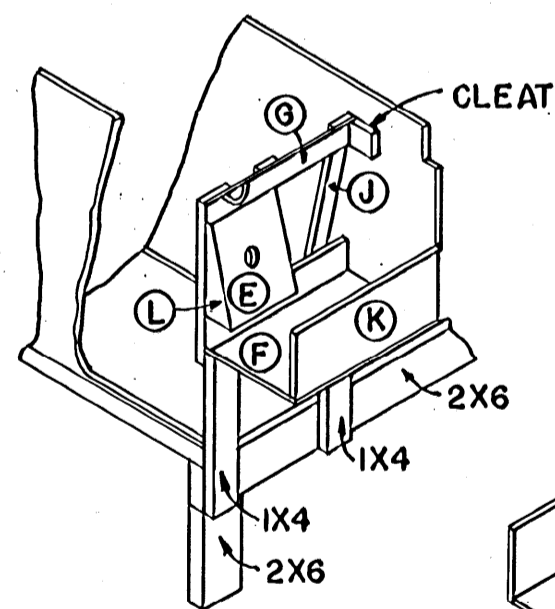
DRILL TO ALLOW BOLT TO HOLD STANCHIONS CLOSED 2X6 HARDWOOD STOCK



CALF STANCHION LINES  
SCALE: NONE

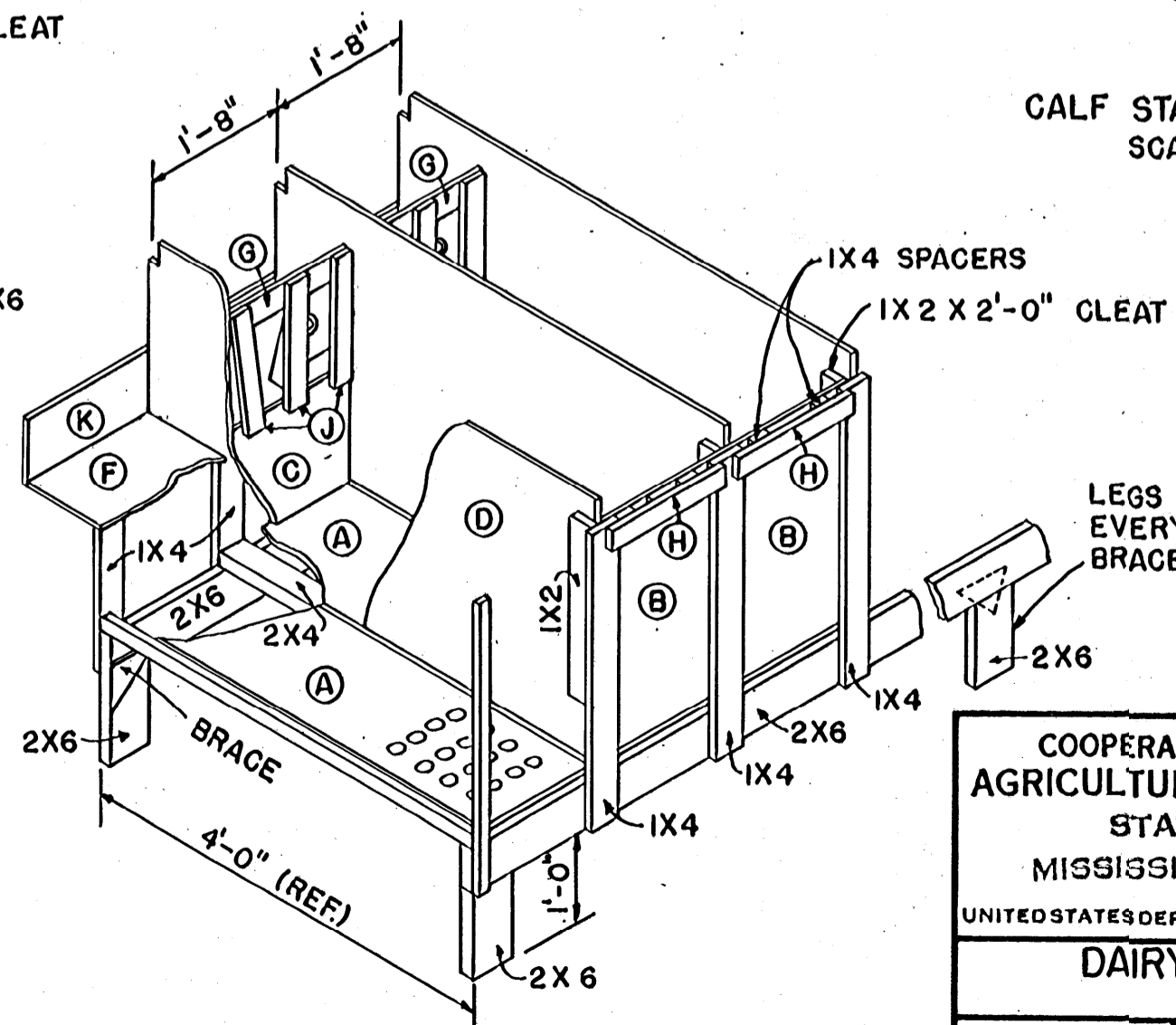


SUGGESTED FULL SIZE STALLS



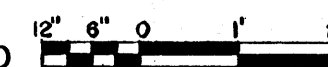
NOTES:

- (A) FLOOR
- (B) DOOR
- (C) STALL FRONT
- (D) SIDE OF STALL
- (E) PAIL REST-1 1/2" HOLE
- (F) FEED FLOOR
- (G) HEADER - FRONT
- (H) DOOR CLEAT
- (J) STANCHIONS
- (K) FEED FRONT
- (L) SIDES-PAIL REST



CALF CRATES

SCALE: 1/2" = 1'-0" UNLESS OTHERWISE NOTED



LEGS PLACED APPROX. EVERY FIFTH STALL BRACE BOTH DIRECTIONS.

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DAIRY REPLACEMENT HOUSING

ME. '75 6234 SHEET 5 OF 5