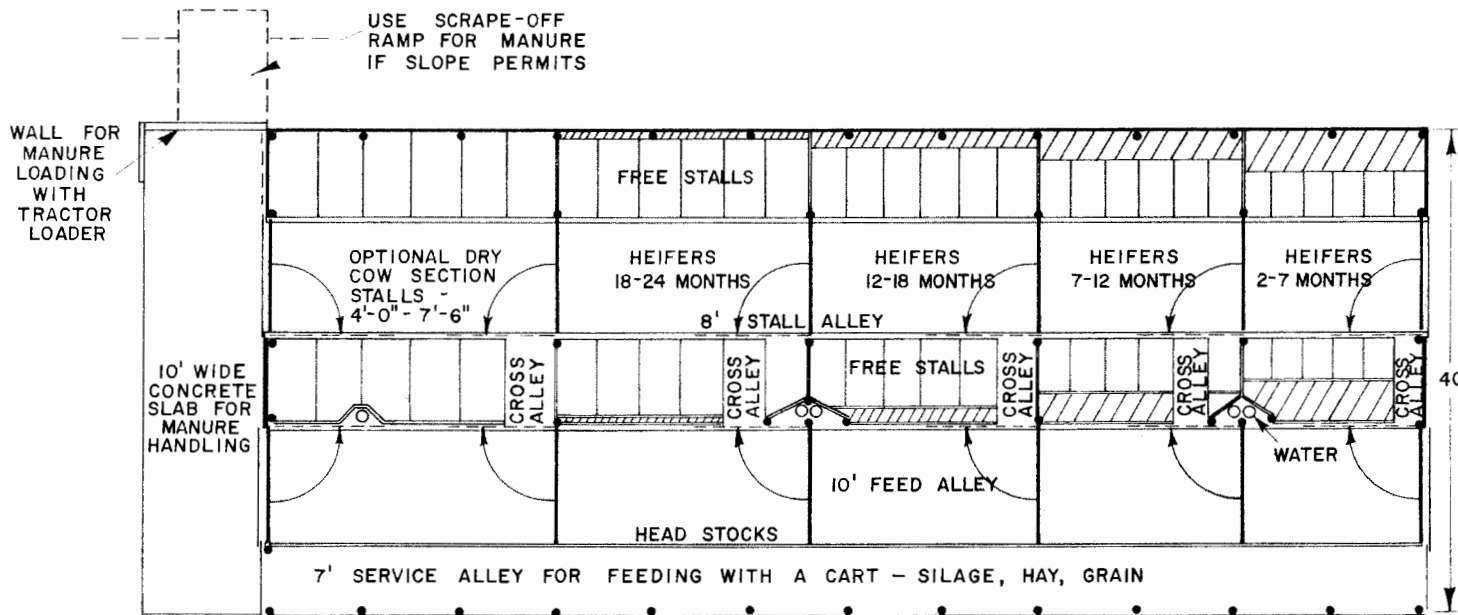


**PLAN VIEW - BARN FOR WAGON FEEDING
HEIFERS ONLY - SECTION FOR DRY COWS OPTIONAL**

SCALE: 1/8"=1'-0"



**PLAN VIEW - BARN FOR HEIFERS AND DRY COWS
CLOSED SIDES IF DESIRED - USE FOR CART FEEDING**

SCALE: 1/8"=1'-0"

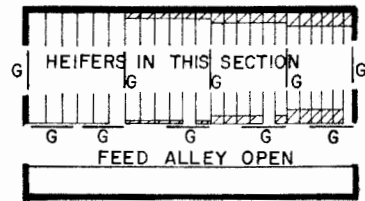
TWO VERSIONS OF THE FREE STALL BARN ARE SHOWN, CAN BE OPEN ON ONE SIDE OR CLOSED AS A COLD, COVERED SYSTEM.

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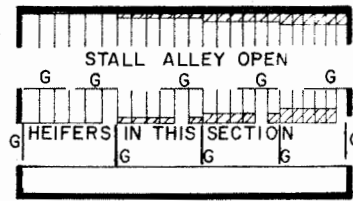


**HEIFER BARN
FREE STALL**

PENN. '70 6102 SHEET 1 OF 4



A. HEIFERS IN STALL AREA
SCRAPE FEEDING ALLEY



B. HEIFERS IN FEED ALLEY
SCRAPE STALL ALLEY OR
BED STALLS

FIG. 1 - HOW THE GATE SYSTEM WORKS FOR CLEANING

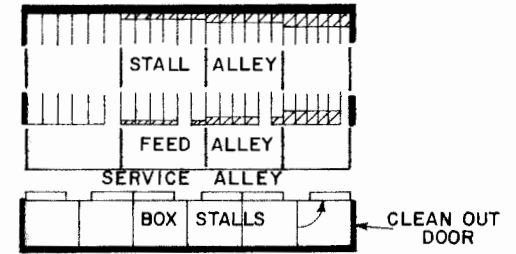


FIG. 2 - BARN 52' WIDE WITH BOX STALLS

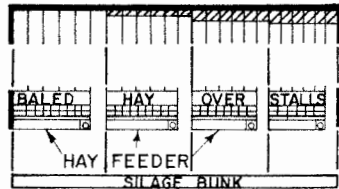


FIG. 3 - BARN WITH HAY FEEDER,
HAY STORAGE OVER STALLS

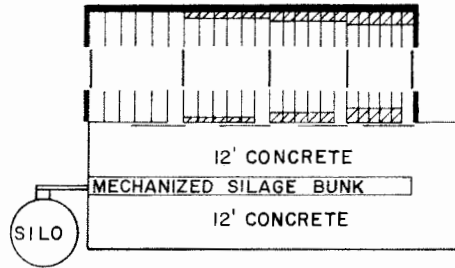


FIG. 4 - BARN WITH SILO AND BUNK,
COWS FEED, HEIFERS SHUT IN STALL ALLEY

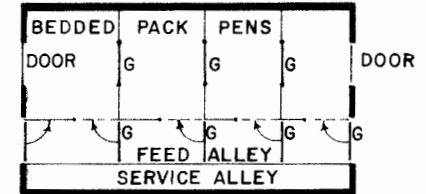


FIG. 5 - BARN FOR BEDDED PENS,
CAN ADD FREE STALLS LATER

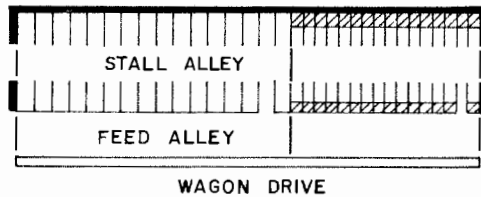


FIG. 6 - DOUBLE BARN FOR LARGE OPERATION

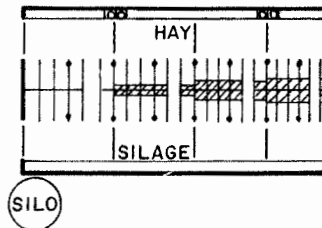


FIG. 7 - REMODELED STALL BARN
FOR GATED FREE STALL HEIFER BARN

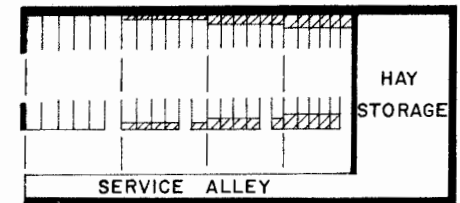
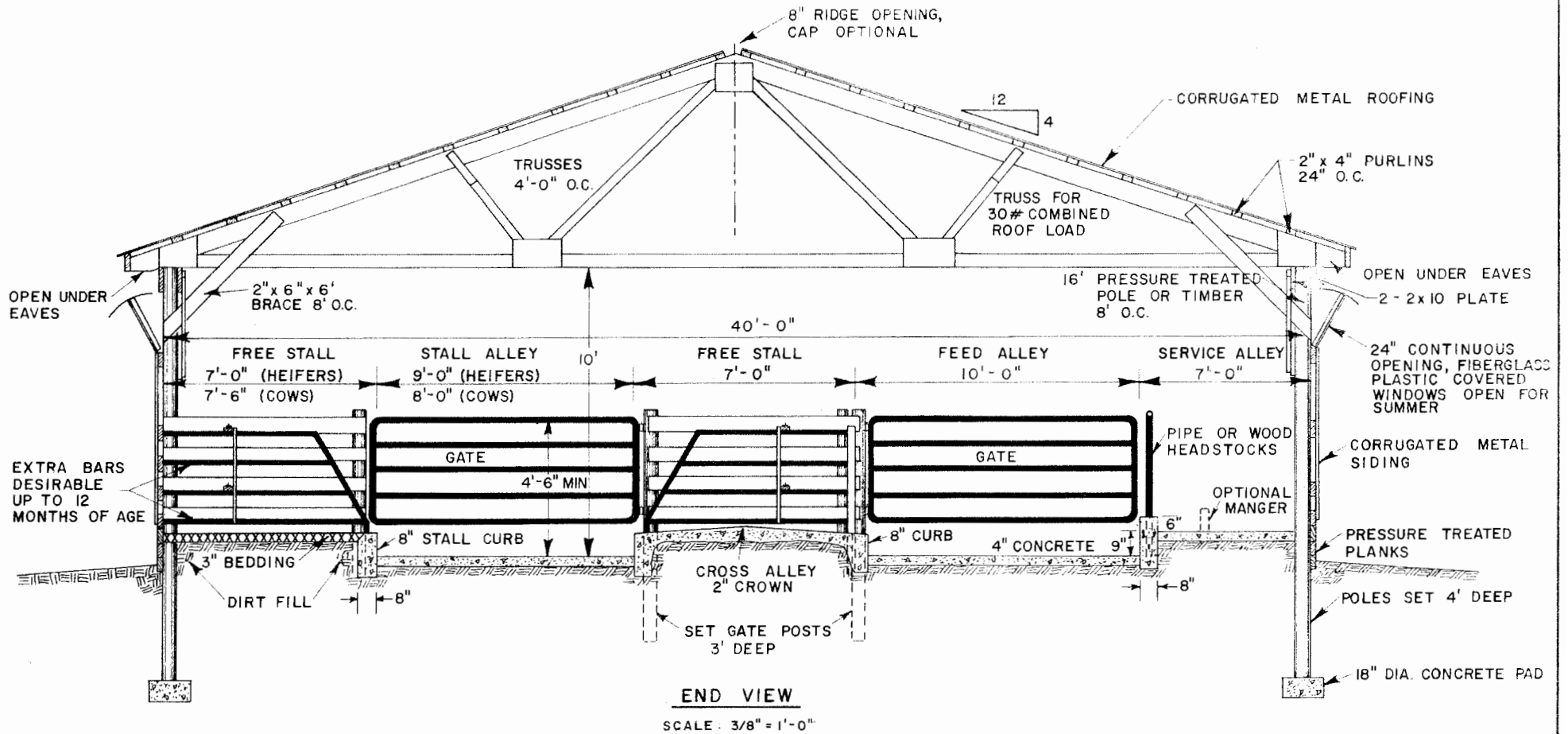


FIG. 8 - HAY STORAGE AT END



HEIFER BARN
FREE STALL



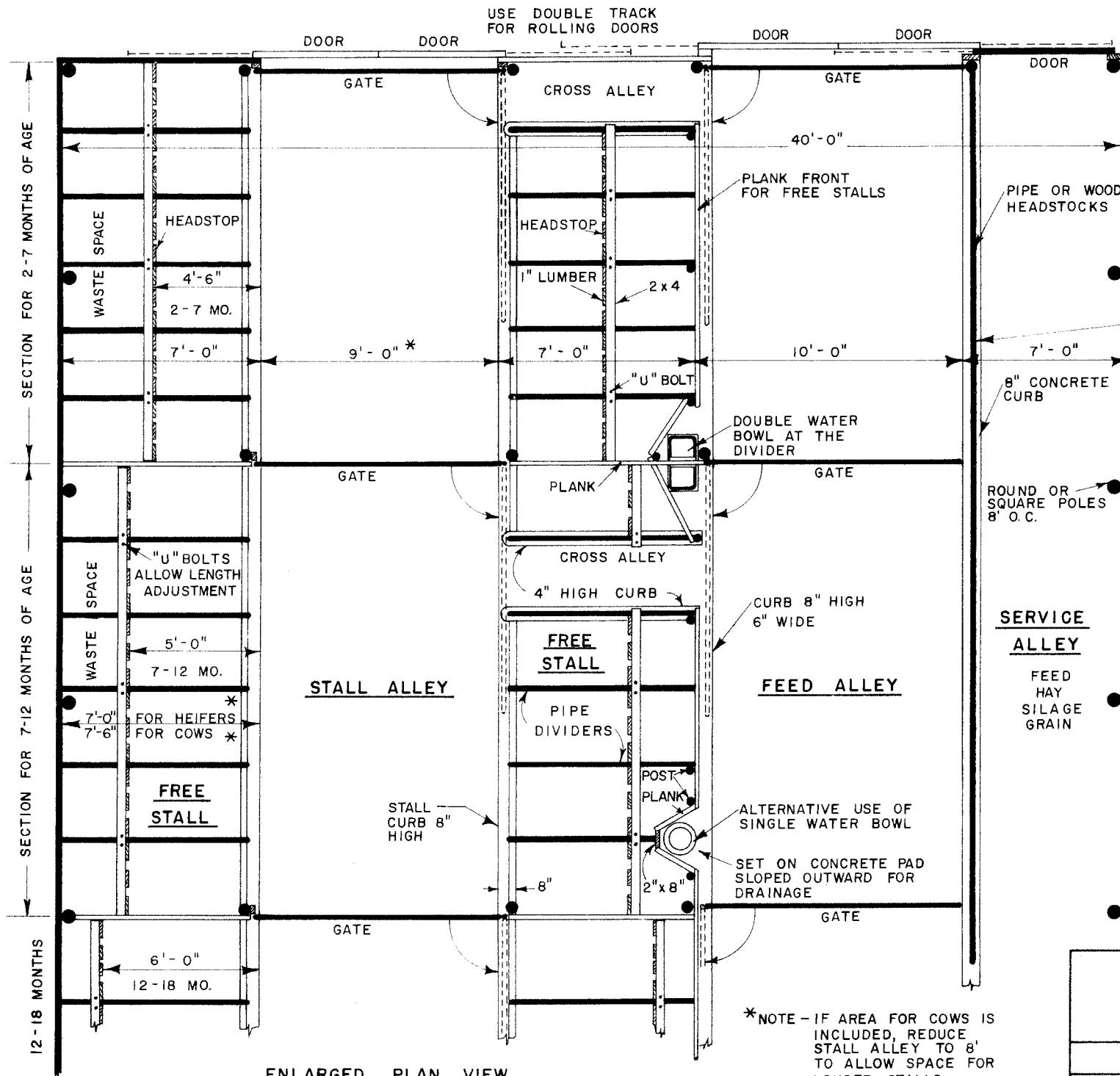
AGE IN MONTHS	WEIGHT POUNDS	FREE STALL SIZES	NUMBER OF STALLS PER SECTION									
			5+4	6+5	7+6	8+7	9+8	10+9	11+10	12+11	13+12	
2 - 7	to 450	2'-6" x 4'-6"	12'-6"	15'-0"	17'-6"	20'-0"	22'-6"	25'-0"	27'-6"	30'-0"	32'-6"	
7 - 12	to 650	2'-10" x 5'-0"	14'-2"	17'-0"	19'-10"	22'-6"	25'-6"	28'-4"	31'-2"	34'-0"	36'-10"	
12 - 18	to 875	3'-2" x 6'-0"	15'-10"	19'-0"	22'-2"	25'-4"	28'-6"	31'-6"	34'-10"	38'-0"	41'-2"	
18 - 24	to 1150	3'-6" x 7'-0"	17'-6"	21'-0"	24'-6"	28'-0"	31'-6"	35'-0"	38'-6"	42'-0"	45'-6"	
LENGTH OF BARN			60'-0"	72'-0"	84'-0"	96'-0"	108'-0"	120'-0"	132'-0"	144'-0"	156'-0"	
NUMBER OF HEIFERS			36	44	52	60	68	76	84	92	100	

LENGTH NEEDED FOR VARIOUS NUMBERS OF HEIFERS - IF DRY COWS ARE INCLUDED, USE MULTIPLES OF 4 FEET (STALLS 4'-0" x 7'-6")



**HEIFER BARN
FREE STALL**

SEE SHEET 3 FOR LENGTHS OF HEIFER SECTIONS



HEADSTOCK OPENINGS


2-7 MONTHS	7"
7-12 MONTHS	8 1/2"
12-18 MONTHS	10"
18-24 MONTHS	11"
COWS	12"

LEVER OPERATED STANCHIONS MAY BE USED IF DESIRED

ENLARGED PLAN VIEW

SCALE: 3/8" = 1'-0"

*NOTE - IF AREA FOR COWS IS INCLUDED, REDUCE STALL ALLEY TO 8' TO ALLOW SPACE FOR LONGER STALLS.



**HEIFER BARN
FREE STALL**

PENN. '70	6102	SHEET 4 OF 4
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Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans do not necessarily represent the most current technology or construction codes. They are not construction plans and do not replace the need for competent design assistance in developing safe, legal and well-functioning agricultural building system. The LSU Agriculture Center, the Mid-West Plan Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.