ALTERNATE END
(MILK ROOM WITHIN MAIN BARN)

SPACE FOR Calf OR MATERNITY PENS, OFFICE, TOILET & UTILITY ROOM, OR FEED ROOM

LITTER ALLEY WARES
GUTTER
MILK ROOM

GUTTER CLEANER ELEVATOR

NOTES
1. PLAN IS DESIGNED TO ALLOW FEEDING OF SIAMESE WITH A SELF-UNLOADING WAGON THROUGH THE CENTER FEED ALLEY.
2. PROVIDE VENTILATION RATE OF AT LEAST 120 CFM PER 1000 LB OF ANIMAL BODY WEIGHT. 30 CFM PER 1000 LB SHOULD BE CONTROLLED THERMOSTATICALLY FOR CONTINUOUS WINTER VENTILATION.
3. COWS WILL BE HOUSED IN THE BUILDING DURING SUMMER MONTHS. MINIMUM OF 220 CFM PER 1000 LB BODY WEIGHT SHOULD BE PROVIDED.
4. CONSULT MANUFACTURER OF EQUIPMENT FOR INSTALLATION DETAILS. DESIGN IS BASED ON USE OF THE STALLS FOR LARGE ANIMALS.
5. CONSULT LOCAL POWER SUPPLIER AND ELECTRICIAN ON SIZE AND TYPE OF ELECTRIC SERVICE AND WIRING.

BASIC FLOOR PLAN

13' WIDE FEED ALLEY

WATER BOWLS [TIE STALLS] SET INSIDE STALL FOR WAGON CLEARANCE.

LITTER ALLEY

GUTTER WITH GRAVITY DRAIN

REMOVABLE PANEL 60"-0"

MILK ROOM

GUTTER WITH GRAVITY DRAIN

ALLEY

17 STALLS @ 4'-0" x 8'-0"

18 STALLS @ 4'-0" x 8'-0"

4'-0" X 12'-0"

8'-0" X 12'-0"

12'-0" X 12'-0"

12'-0" DOOR

FLOOR HALF SECTION

SLOPE 1/4"/FT

SLOPE 1/4"/FT

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

40' WIDE CLEAR SPAN, FACE-IN STALL BARN

MASS. '80 EX. 6326 SHEET 1 OF 2

BASED ON: UNIV. OF MASS. PLAN NO. MC 5615