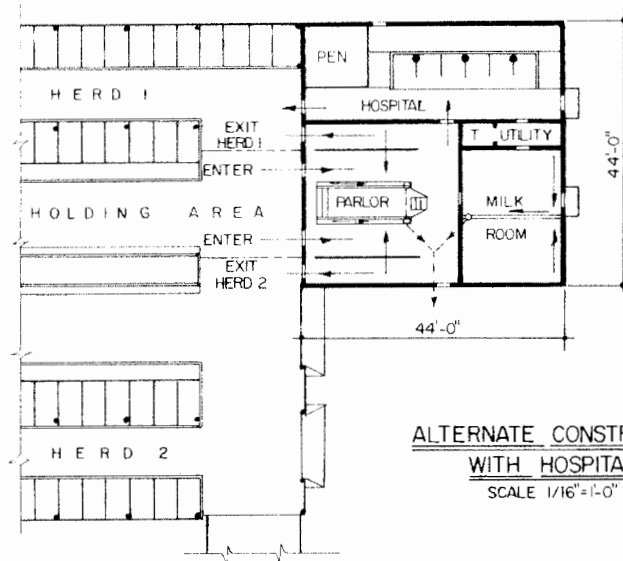


BASIC FLOOR PLAN (124 STALLS)
SCALE 1/16"=1'-0"



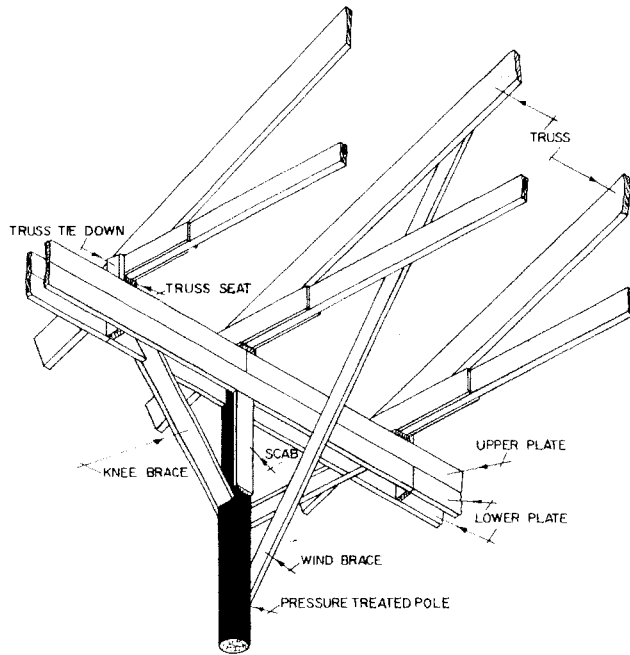
**ALTERNATE CONSTRUCTION
WITH HOSPITAL**
SCALE 1/16"=1'-0"

NOTES:

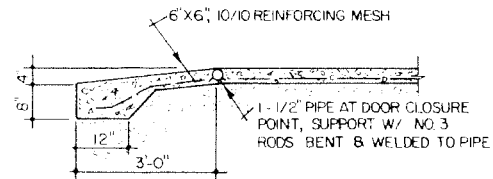
1. THIS SYSTEM PROVIDES FOR SPLIT HERD OPERATION, REGARDLESS OF SIZE (BY DIVIDING ALONG THE CENTER FEED BUNK) WITH HAY AND SILAGE FEEDING AS THE SYSTEM IS EXPANDED FEEL SPACE WILL BE IN DIRECT PROPORTION TO THE NUMBER OF ANIMAL HOUSED.
2. THIS DESIGN IS FOR A COLD ENVIRONMENT WITH NATURAL VENTILATION USING RIDGE VENTILATORS, DROP DOWN PANELS IN THE NORTH WALL, AND SOUTH FRONT OPEN ABOVE THE ANIMALS HEADS.
3. SELF-UNLOADING WAGON FEEDING IS PROVIDED FOR BY HAVING ONE DRIVE THROUGH FEED ALLEY.
4. ALL CONCRETE SHOULD BE AIR ENTRAINED, 4 - 6% AIR BY VOLUME.



**LOOSE HOUSING SYSTEM
COVERED FREE-STALL**
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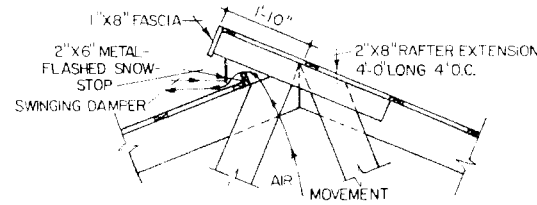


STRUCTURAL FRAMING PICTORIAL



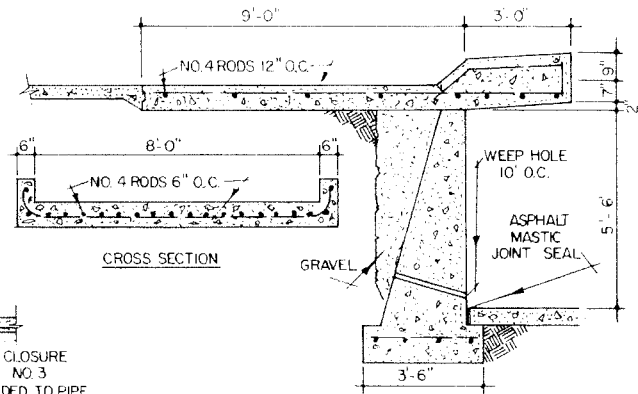
ENTRY RAMP

SCALE 1/2"=1'-0"



CONTINUOUS RIDGE VENTILATOR

SCALE 1/2"=1'-0"

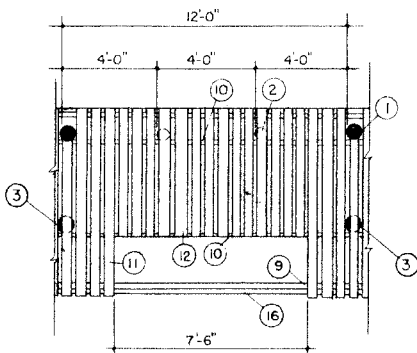


MANURE LIP

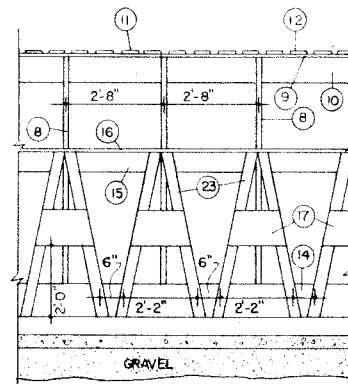
SCALE 3/8"=1'-0"

PIECE LIST & NOTES

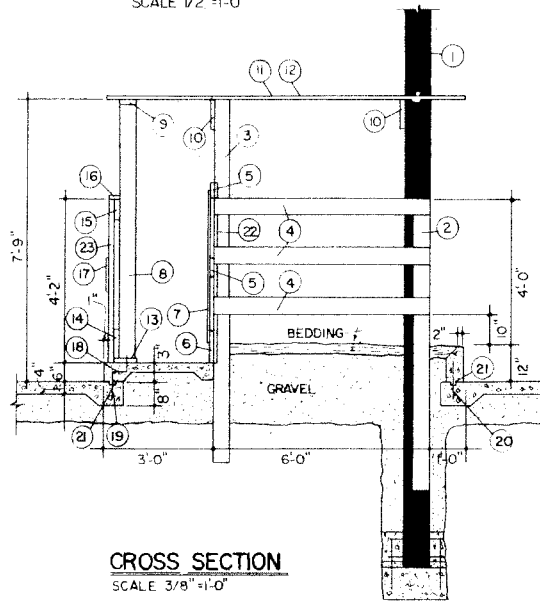
1. 7" TOP DIAMETER X 20' PRESSURE TREATED POLE, 12' O.C.
2. 5" TOP DIAMETER X 8' PRESSURE TREATED POLE, 4' O.C.
3. 5" TOP DIAMETER X 10' PRESSURE TREATED POLE, 12' O.C.
4. 2" X 6" X 6'-0" STALL PARTITION BOARD.
5. 2" X 12" X 12'-0" STALL PARTITION BOARD, 2' O.C.
6. 2" X 12" X 12'-0"
7. 1/2" EXT. PLYWOOD
8. 2" X 6" X 7'-0" RACK & PLATFORM SUPPORT, 2'-8" O.C.
9. 2" X 6" X 16' PLATFORM SUPPORT PLATE
10. 2" X 12" X 12'
11. 2" X 6" X 12' PLATFORM DECKING
12. 2" X 6" X 7'
13. 2" X 8" X 16" RACK & PLATFORM SILL
14. 2" X 10" X 16" HAY RACK MEMBER
15. 2" X 6" X 16" " " "
16. 2" X 4" X 16" " " "
17. 1" X 12" X 1'-9" " " "
18. 1/2" Ø ANCHOR BOLTS, 4' O.C.
19. #3 (3/8" Ø) X 10' RE-RODS, 12' O.C.
20. " " " X 12' RE-RODS, 12' O.C.
21. 1" X 2" KEY FORMED WITH OILED 1" X 2"
22. 2" X 6" X 5'-0" INTERMEDIATE STALL SUPPORT
23. 2" X 4" X 4'-8" HAY RACK MEMBER



PARTIAL PLAN
SCALE 1/4"=1'-0"



FRONT ELEVATION
SCALE 3/8"=1'-0"



CROSS SECTION
SCALE 3/8"=1'-0"

HAY RACK DETAILS



LOOSE HOUSING SYSTEM COVERED FREE-STALL

MASS. '67 EX. 6031 SHEET 3 OF 4

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.