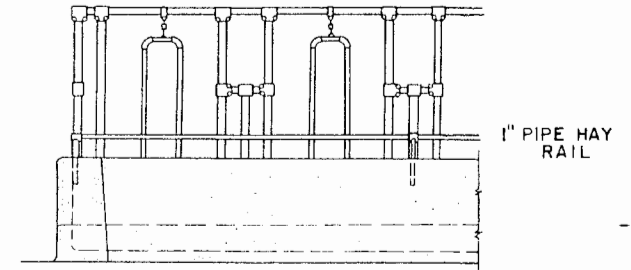
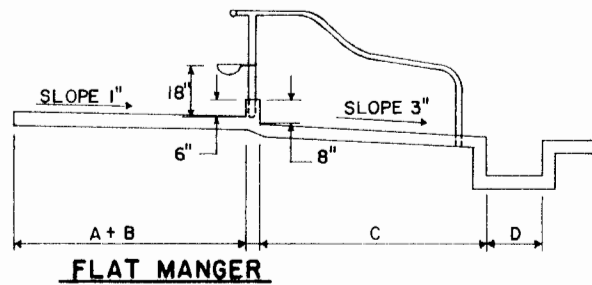


SECTION THROUGH COW STALL FLOOR - RAISED MANGER

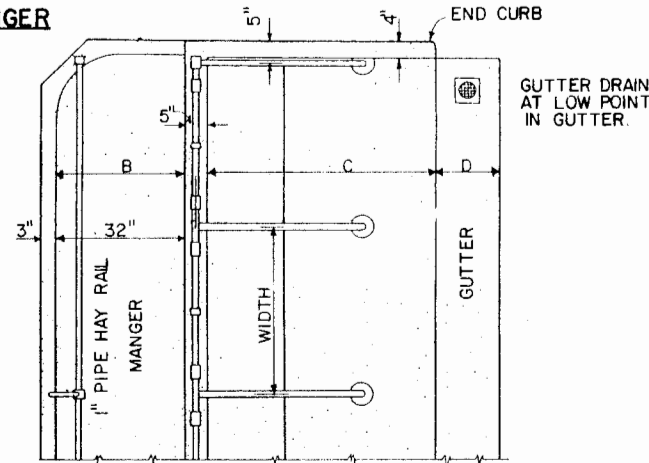
INSTALL ACCORDING TO MANUFACTURERS INSTRUCTIONS



FRONT ELEVATION RAISED MANGER



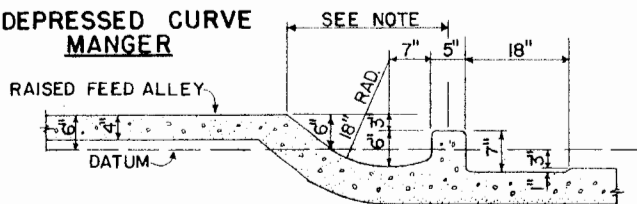
FLAT MANGER



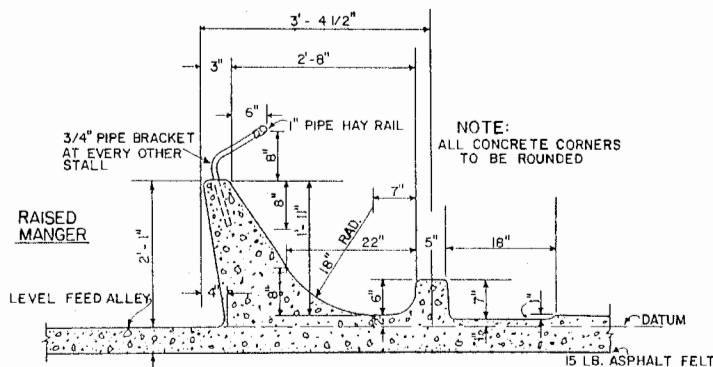
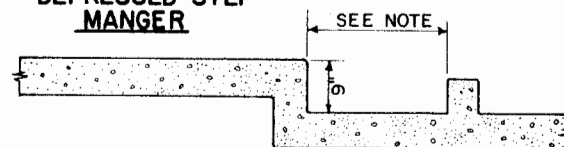
PLAN

- A = FEED ALLEY WIDTH**
WITH STEP MANGER: 4'-0" - 4'-6"
WITH NO MANGER (A+B): 5'-8" - 6'-7"
- B = MANGER WIDTH**
RAISED: 32"
DEPRESSED 1200lb. OR LESS COW: 20"
DEPRESSED 1200lb. OR MORE COW: 24" - 27"
- C = COW STALLS**
SEE TABLE 1
- D = GUTTER WIDTH & DEPTH**
W/O BARN CLEANER
WIDTH: 16" - 18"
STALL SIDE DEPTH: 11" - 16"
ALLEY SIDE DEPTH: 11" - 14"
WITH BARN CLEANER - PER MANUFACTURER'S INSTRUCTIONS
- E = SERVICE ALLEYS**
WITH DRIVE THROUGH: 8'-0"
WITH BARN CLEANER: 6'-0"
WITH CROSS ALLEYS: 4'-6"

DEPRESSED CURVE MANGER



DEPRESSED STEP MANGER



NOTE:
ALL CONCRETE CORNERS
TO BE ROUNDED

COW WEIGHT	STANCHION STALLS		TIE STALLS	
	WIDTH	C LENGTH	WIDTH	C LENGTH
UNDER 1200 lb.	4'-0"	5'-6"	4'-0"	5'-9"
1200 to 1600 lb.	4'-6"	5'-9"	4'-6"	6'-0"
OVER 1600 lb.	NOT RECOMMENDED		5'-0"	6'-6"

TABLE 1. COW STALL PLATFORM SIZES

USE ELECTRIC COW TRAINERS. DIMENSIONS FROM EDGE OF CURB TO EDGE OF GUTTER.



TIE OR STANCHION
COW STALL DETAIL

USDA 5661 SHEET 1 OF 1

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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.