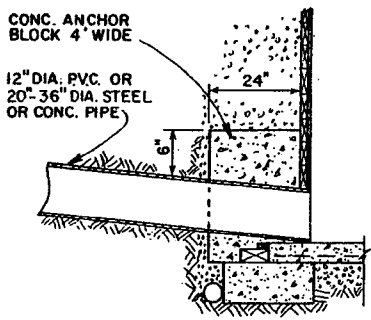


PLAN

SCALE 0' 4' 8' 12' 1/8" = 1'

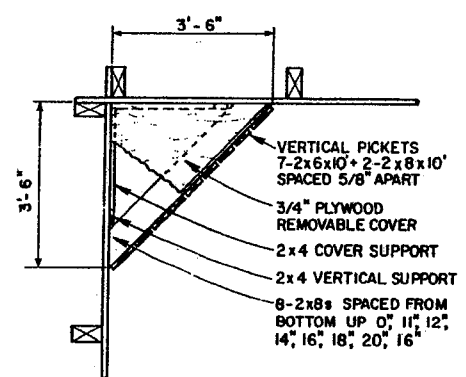
LENGTH NEEDED FOR 200 DAY STORAGE - 10 ft. DEEP			
NO. COWS	INPUT RATE (ft ³ /cow-day)		
	1.8 ^①	2.0 ^②	2.3 ^③
80	60	64	76
100	72	80	92
120	88	96	112
140	104	112	128
160	116	128	148
180	132	144	168
200	144	160	184

- ① MANURE ONLY
- ② MANURE + MILKING CENTER WASTE
- ③ MANURE + MILKING CENTER WASTE + PRECIPITATION



INLET PIPE DETAIL A

SCALE




PICKET DAM DETAIL B

SCALE 12' 6' 0' 1' 2' 1/2" = 1'

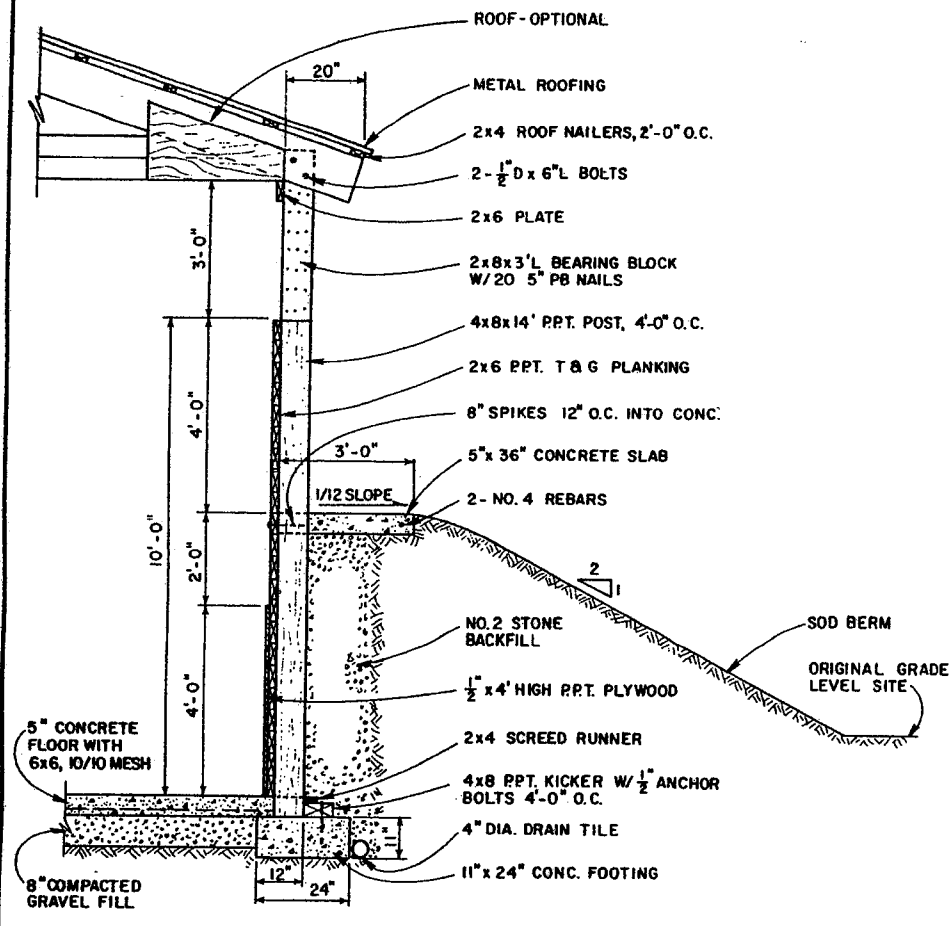
NOTES:

1. EXCAVATE TO GOOD BEARING, 2.5 ft. BELOW GRADE TO PROVIDE FILL FOR BERM.
2. SPREAD & COMPACT FILL IN 8 INCH LAYERS.
3. PROVIDE DRAINAGE COMPLETELY AROUND WALLS.
4. ALL LUMBER IN CONTACT WITH MANURE OR SOIL SHOULD BE PRESSURE PRESERVATIVE TREATED (PRT.).
5. ADD TEMPORARY INTERIOR BRACING WHEN BACK-FILLING BERM AND PLACING CONC. BERM SLAB.
6. IF ROOF OPTION IS OMITTED ADD 4 CORNER PICKET DAMS & PROVIDE FOR LIQUID REMOVAL.
7. DESIGN BASED ON EQUIV. FLUID PRESSURE OF 60 lbs/ft³
8. DESIGN DEPTH OF 10 FEET.



MANURE STORAGE

NY '80 EX. 6338 SHEET 1 OF 3

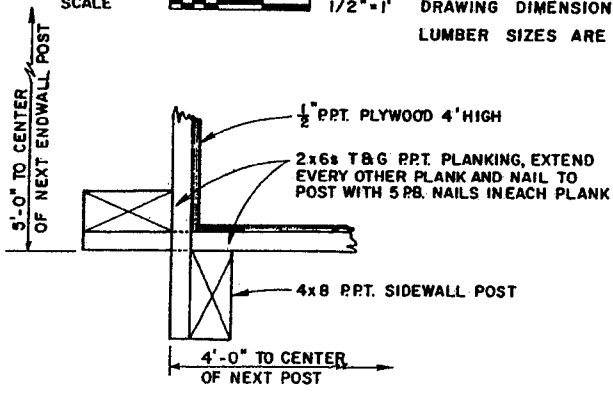


SIDEWALL SECTION C-C

SCALE 12" 6" 0 1' 2' 1/2" = 1'

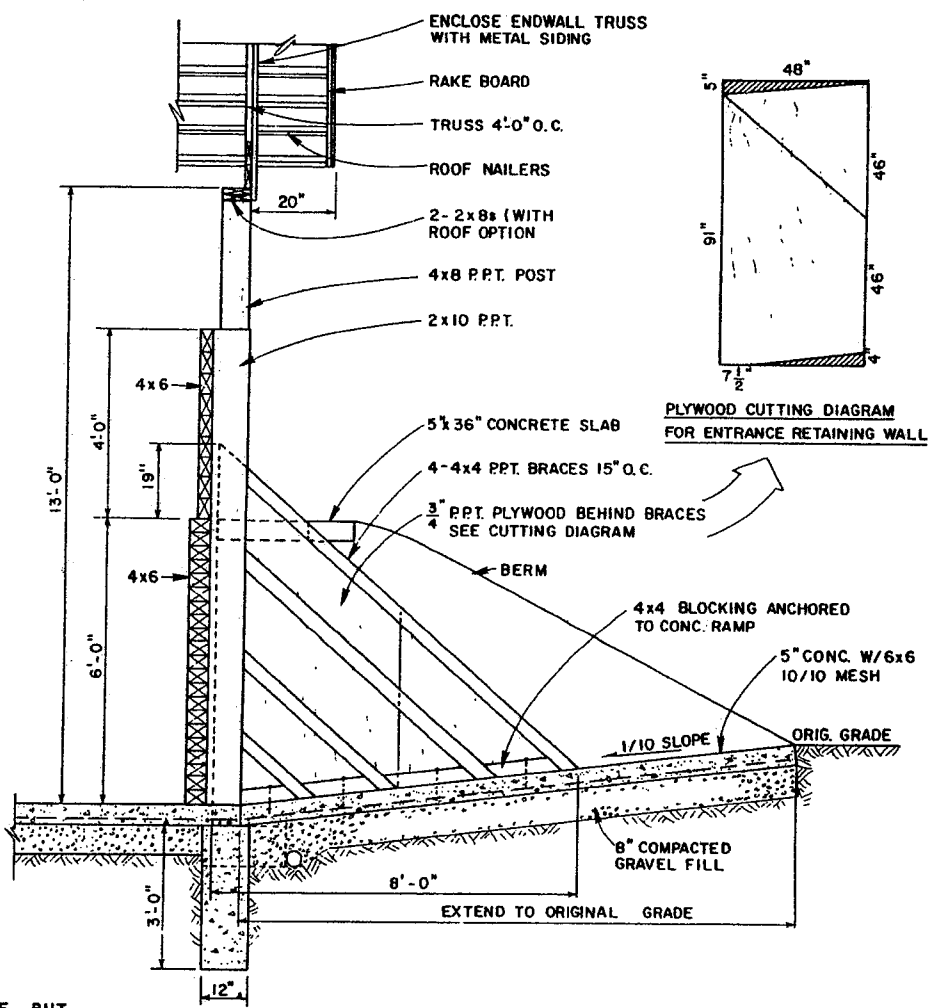
NOTE

DRAWING DIMENSIONS ARE TO ACTUAL SCALE, BUT LUMBER SIZES ARE NOMINALLY IDENTIFIED.



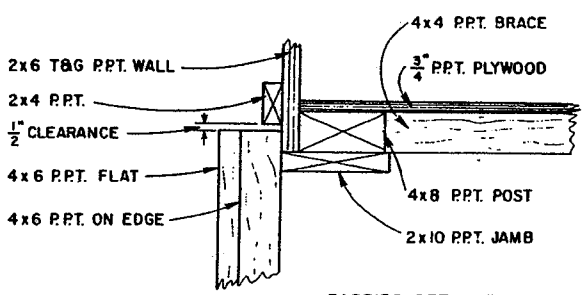
CORNER DETAIL E

SCALE 0 3" 6" 12" 1/8" = 1"



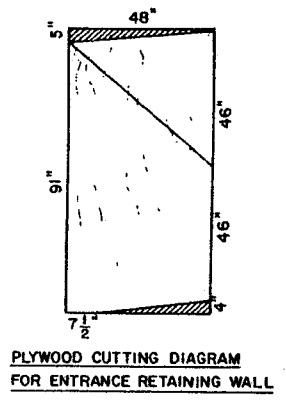
MANURE BARRIER & ENTRANCE DETAIL D-D

SCALE 12" 6" 0 1' 2' 1/2" = 1'




BARRIER DETAIL F

SCALE 0 3" 6" 12" 1/8" = 1"



PLYWOOD CUTTING DIAGRAM FOR ENTRANCE RETAINING WALL



MANURE STORAGE

NY '80 EX. 6338 SHEET 2 OF 3

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.