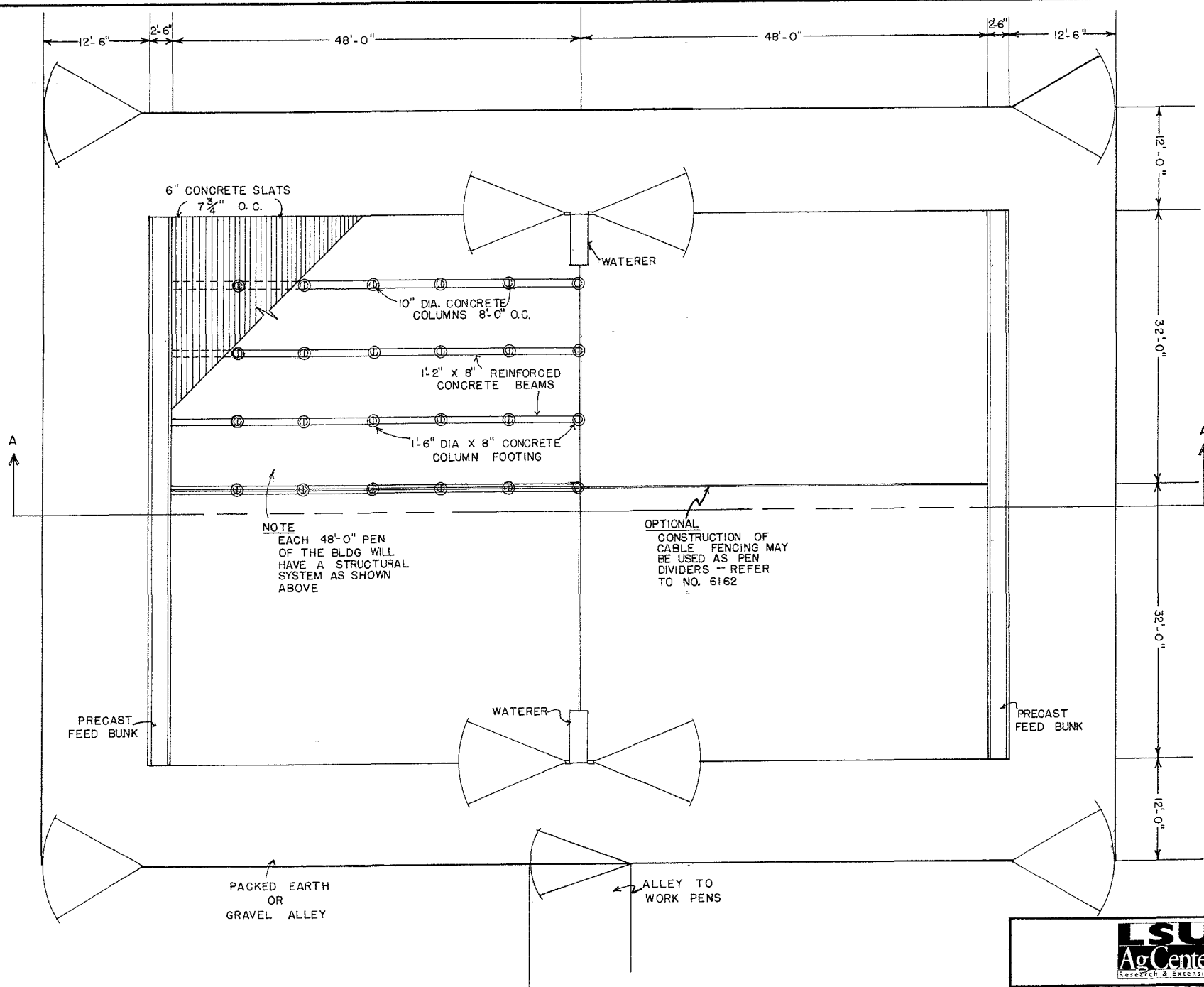


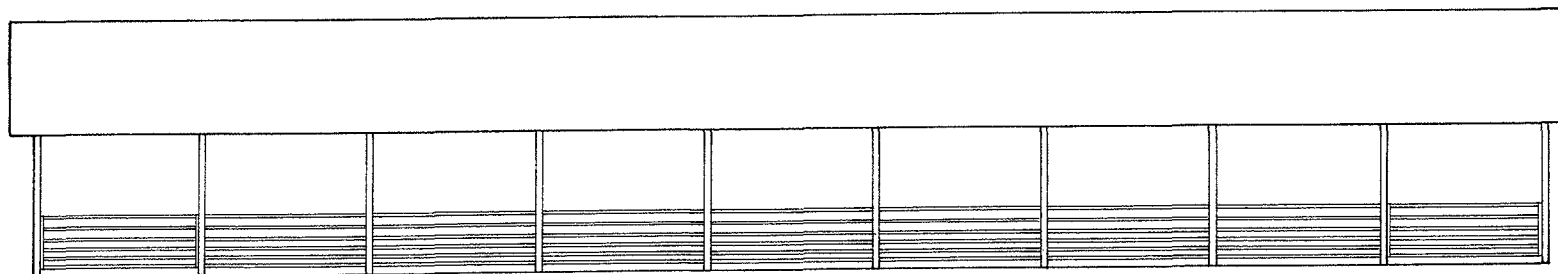


FLOOR AND FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

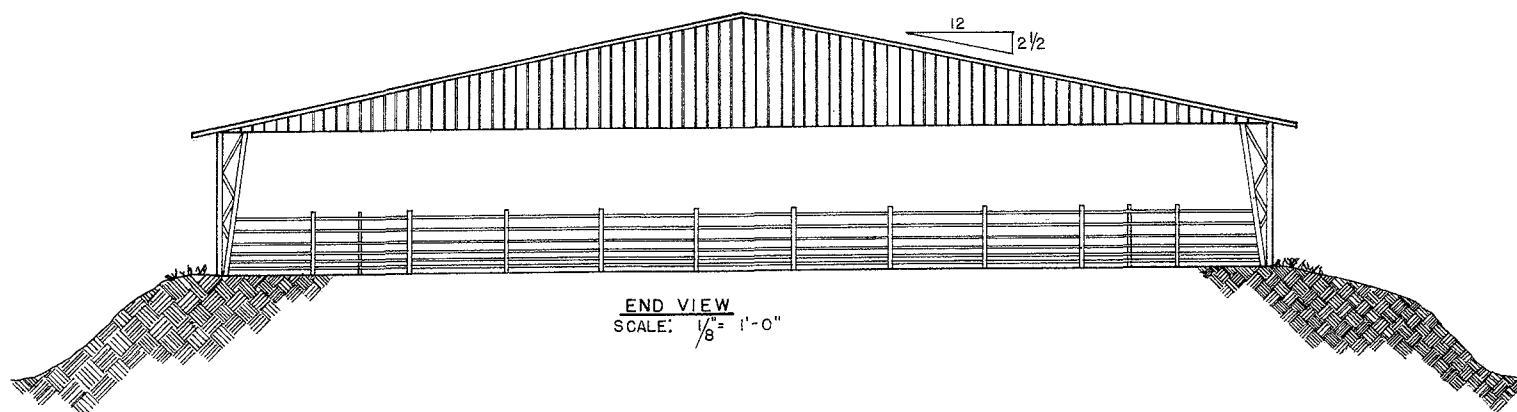


CONFINEMENT BEEF BARN
TOTAL SLATED WITH BUNK FEEDERS

ENGINEER F. E. BAKER	SCALE 1/8" = 1'-0"
DRAWN BY D.B.V.	SHEET 1 OF 5
TRACED BY D.B.V.	DATE JULY '76 No. 22-14



SIDE VIEW
SCALE: $\frac{1}{8}" = 1'-0"$

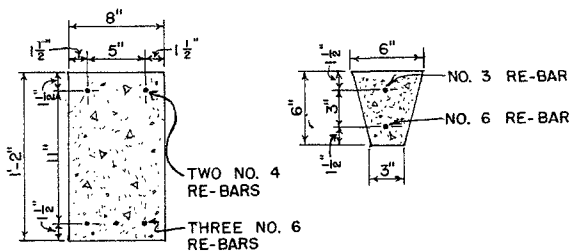
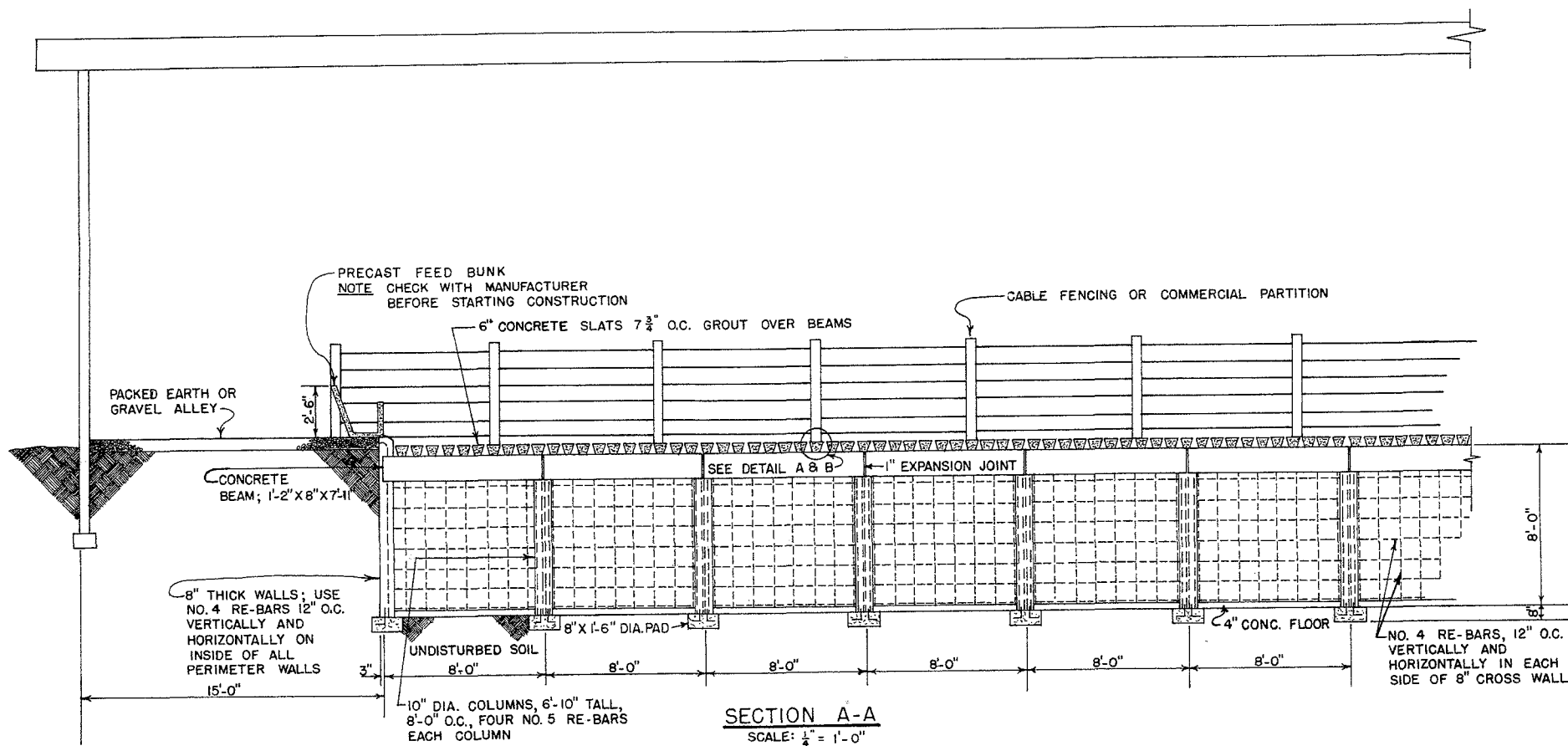


END VIEW
SCALE: $\frac{1}{8}" = 1'-0"$



CONFINEMENT BEEF BARN
TOTAL SLATED WITH BUNK FEEDERS

ENGINEER F.E.BAKER	SCALE $\frac{1}{8}" = 1'-0"$
DRAWN BY D.B.V.	SHEET 2 OF 5
TRACED BY D.B.V.	DATE JULY '76 NO. 22-14



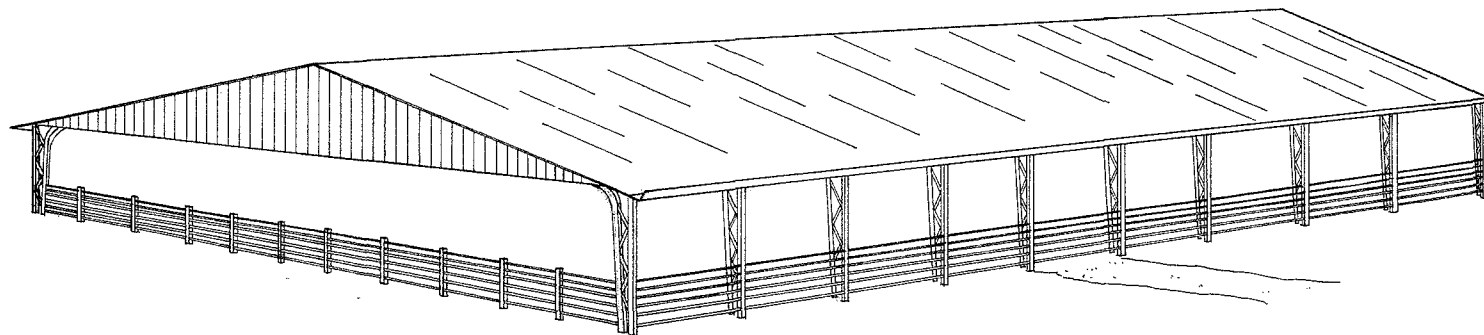
REINFORCED CONCRETE BEAM & SLAT DETAIL

SCALE 1 1/2" = 1'-0"

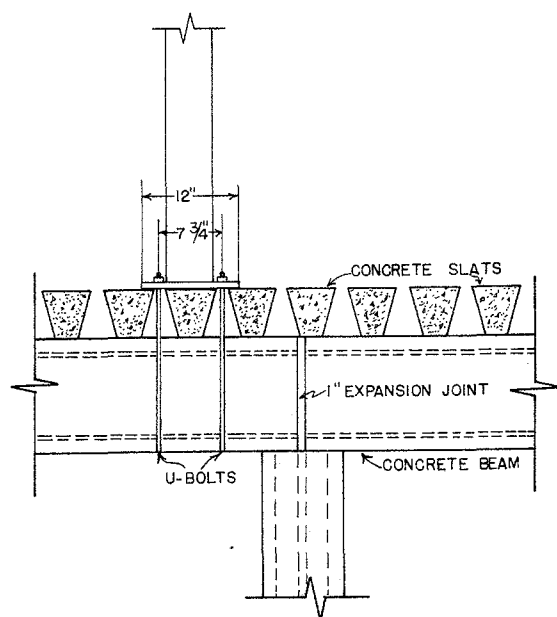


CONFINEMENT BEEF BARN
TOTAL SLATED WITH BUNK FEEDERS

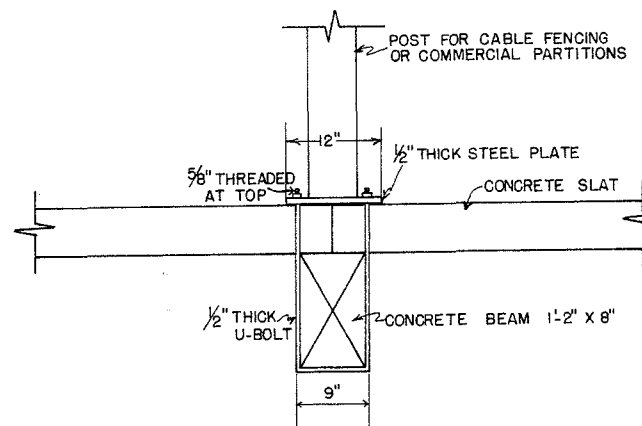
ENGINEER F.E. BAKER	SCALE AS SHOWN
DRAWN BY DBV.	SHEET 3 OF 5
TRACED BY DBV.	DATE JULY '76 NO. 22-14



EXTERIOR PERSPECTIVE



DETAIL A
FENCE POST CONNECTION
SCALE: 1" = 1'-0"

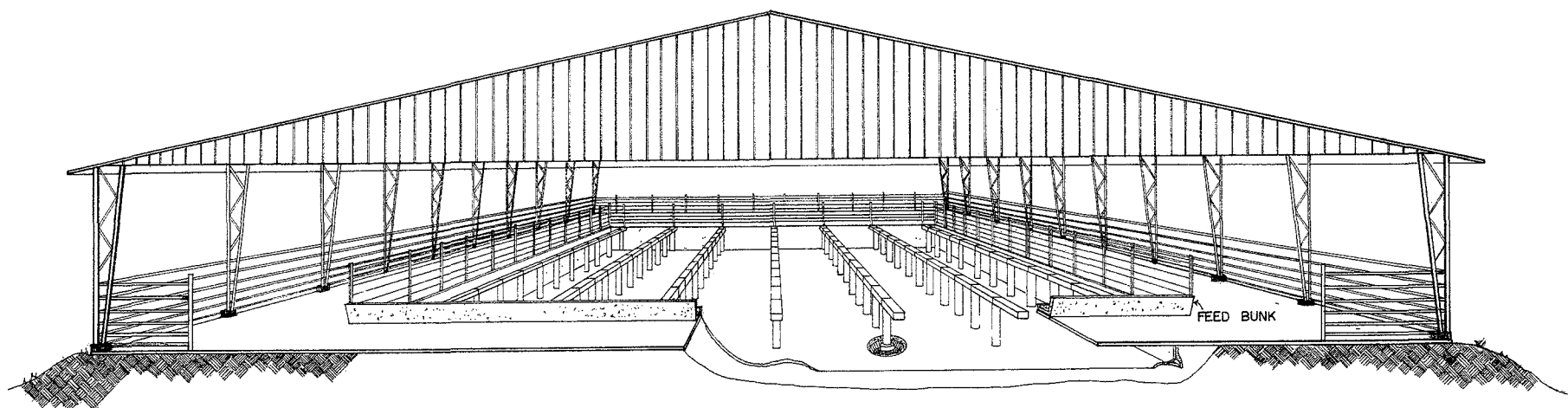


DETAIL B
FENCE POST CONNECTION
SCALE: 1" = 1'-0"



CONFINEMENT BEEF BARN
TOTAL SLATED WITH BUNK FEEDERS

ENGINEER F. E. BAKER	SCALE 1" = 1'-0"
DRAWN BY D.B.V.	SHEET 4 OF 5
TRACED BY D.B.V.	DATE JULY '76 NO. 22-14



CUTAWAY PERSPECTIVE

CONCRETE TANK NOTES

CROSS WALLS: REINFORCED FOR A PRESSURE OF 60 PCF-FLUID.

PERIMETER WALLS: REINFORCED FOR A PRESSURE OF SOIL WITH MODERATE DRAINAGE (EQUIV. OF 30 PCF-FLUID). IF HIGHEST WATER TABLE AT BUILDING SITE IS MORE THAN 2' ABOVE PIT FLOOR LEVEL, INSTALL FOOTING TILE AND SUMP PUMP TO RELIEVE PRESSURE OR CHECK WITH ENGINEER FOR AMOUNT OF ADDITIONAL REINFORCING.

WALL THICKNESS: AN 8" THICK WALL REQUIRES MORE STEEL THAN A 6" THICK WALL BECAUSE OF RELATIONSHIP BETWEEN EXPANSION-CONTRACTION AND THE VOLUME OF CONCRETE. AN 8" THICK WALL MAY STILL BE LOWER COST BECAUSE OF DIFFICULTY OF PLACING STEEL AND CONCRETE IN 6" FORMS.

PRECAUTIONS: THIS DESIGN IS SAFE FOR MANY BUILDING SITES. THE GREATEST DANGER OF A WALL FAILURE IS DURING BACKFILLING. BEAMS AND SLATS SHOULD BE IN PLACE BEFORE BACKFILLING. TEMPORARY BRACING COULD BE USED TO HELP WITHSTAND WATER PRESSURE FROM A HEAVY RAIN OR VEHICLE WHEEL LOADS DURING BACKFILLING.



CONFINEMENT BEEF BARN TOTAL SLATED WITH BUNK FEEDERS

ENGINEER F.E. BAKER	SCALE
DRAWN BY D.B.V.	SHEET 5 OF 5
TRACED BY D.B.V.	DATE JULY '76 NO. 22-14

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.