
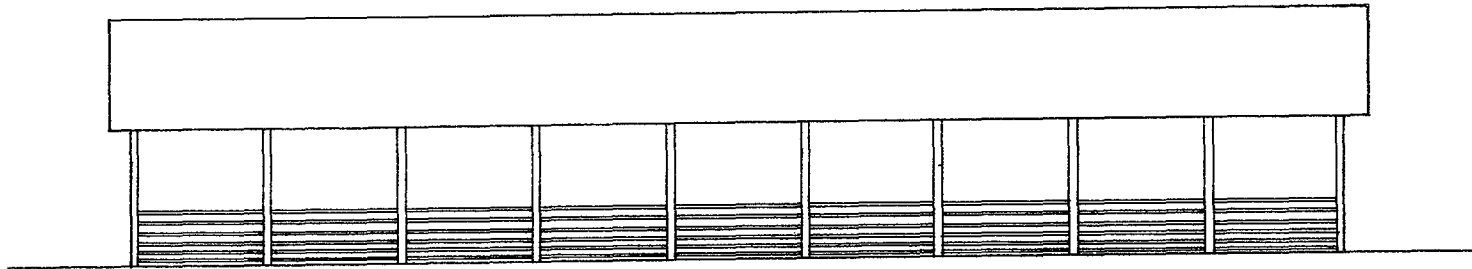


NOTE:
EACH 48'-0" PEN
OF THE BUILDING
WILL HAVE A
STRUCTURAL SYSTEM
AS SHOWN ABOVE

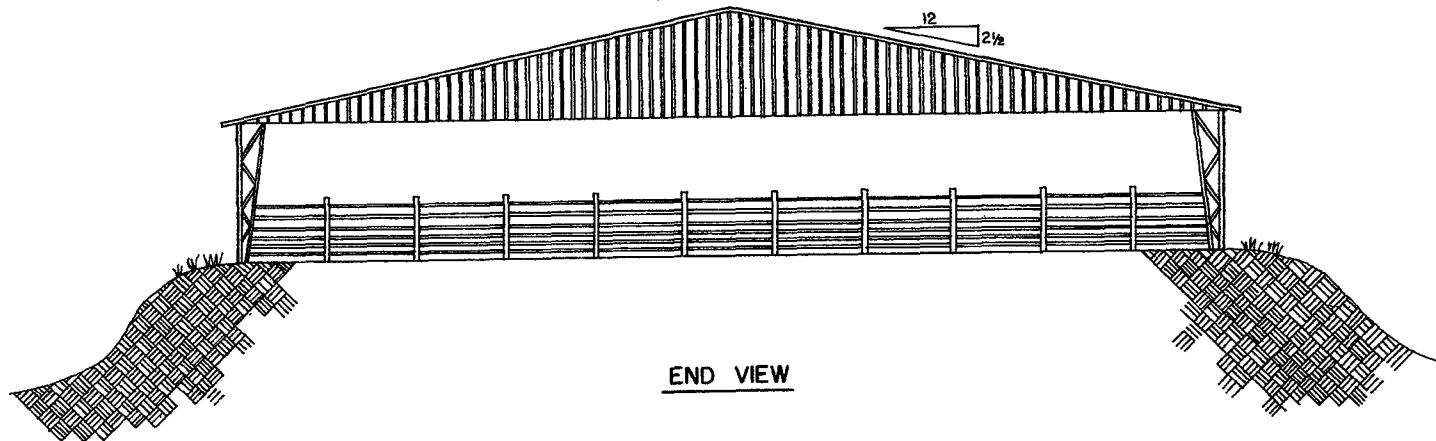
OPTIONAL
CONSTRUCTION OF
CABLE FENCING MAY
BE USED AS PEN
DIVIDERS-- REFER
TO NO. 6162

	
CONFINEMENT BEEF BARN	
ENGINEER F.E. BAKER	SCALE AS SHOWN
DRAWN BY L.A.L.	SHEET 1 OF 5
TRACED BY L.A.L.	DATE: JULY '76 NO. 22-15

FLOOR AND FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



SIDE VIEW

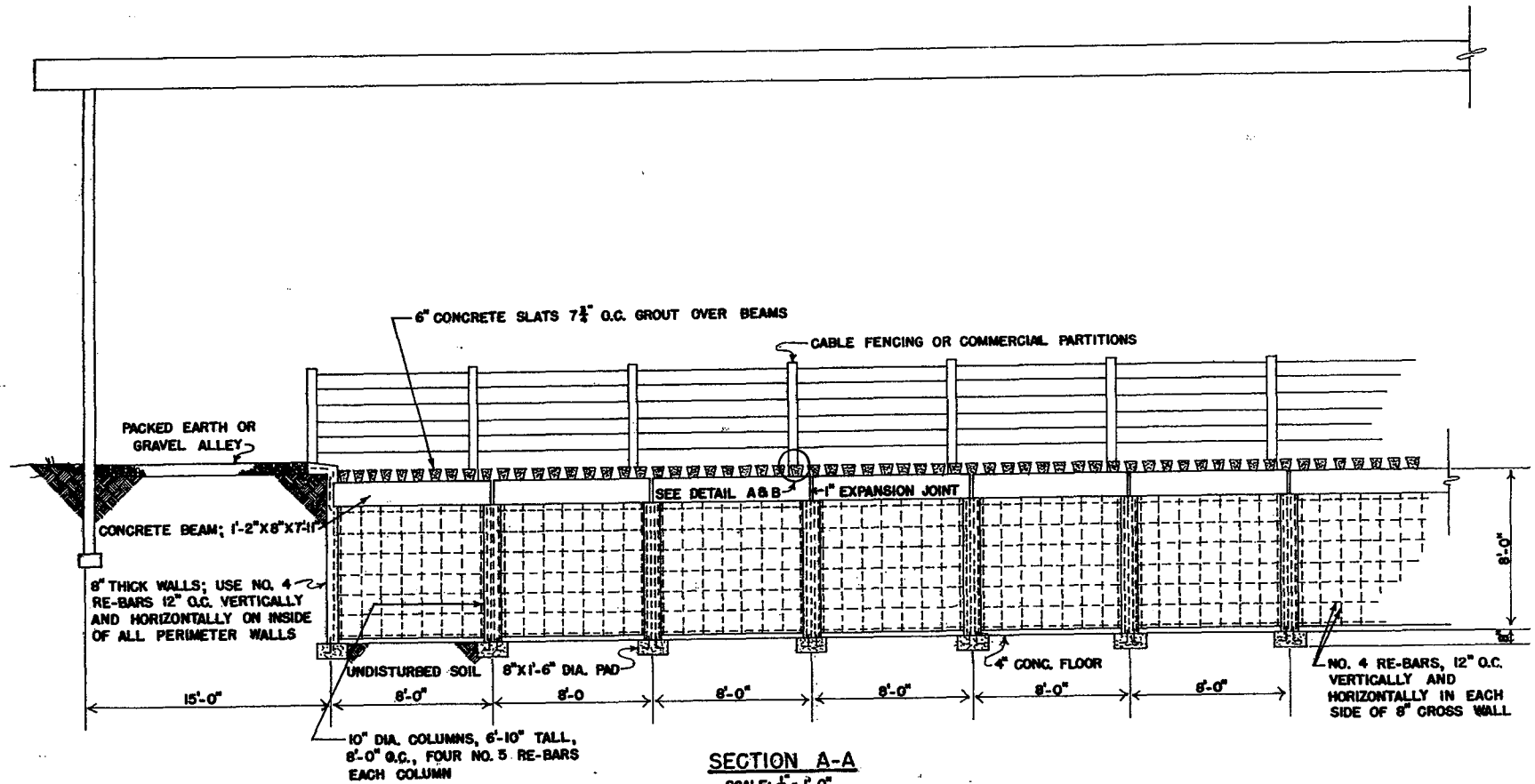


END VIEW

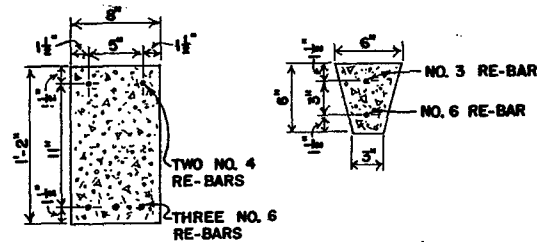


CONFINEMENT BEEF BARN

ENGINEER F.E. BAKER	SCALE $\frac{1}{4}'' = 1'-0''$
DRAWN BY L.A.L.	SHEET 2 OF 5
TRACED BY L.A.L.	DATE: JULY '76 NO. 22-15



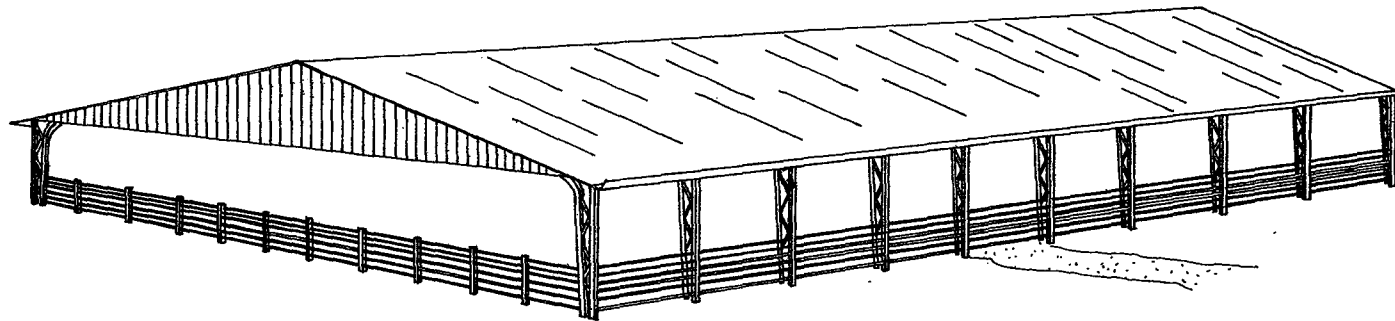
SECTION A-A
SCALE: $\frac{1}{4}'' = 1'-0''$



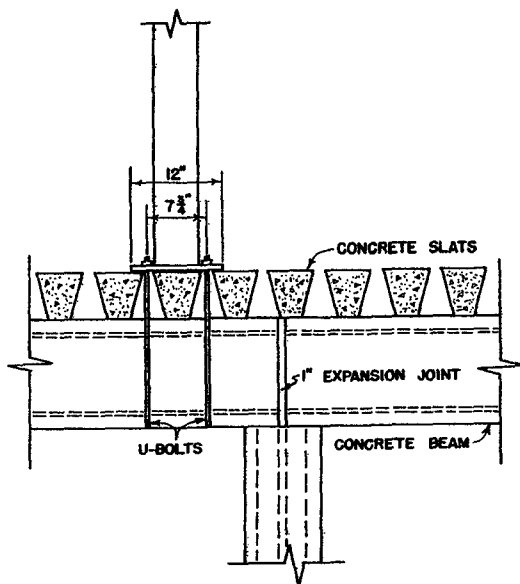
REINFORCED CONCRETE BEAM & SLAT DETAIL
SCALE: $1\frac{1}{2}'' = 1'-0''$



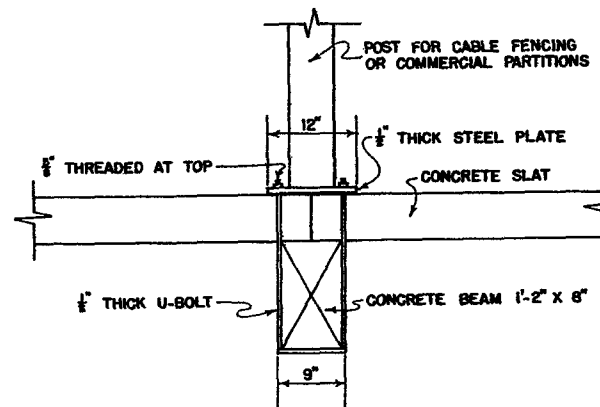
CONFINEMENT BEEF BARN TOTAL SLATTED WITH	
ENGINEER F.E. BAKER	SCALE AS SHOWN
DRAWN BY L.A.L.	SHEET 3 OF 5
TRACKED BY L.A.L.	DATE JULY '76 NO. 22-15




EXTERIOR PERSPECTIVE



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



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

 LSU AgCenter <small>LAND, WATER & ENVIRONMENT</small>	
CONFINEMENT BEEF BARN	
ENGINEER F.E. BAKER	SCALE 1" = 1'-0"
DRAWN BY D.B.V.	SHEET 4 OF 5
TRACED BY R.C.B.	DATE JULY '76 NO. 22-15

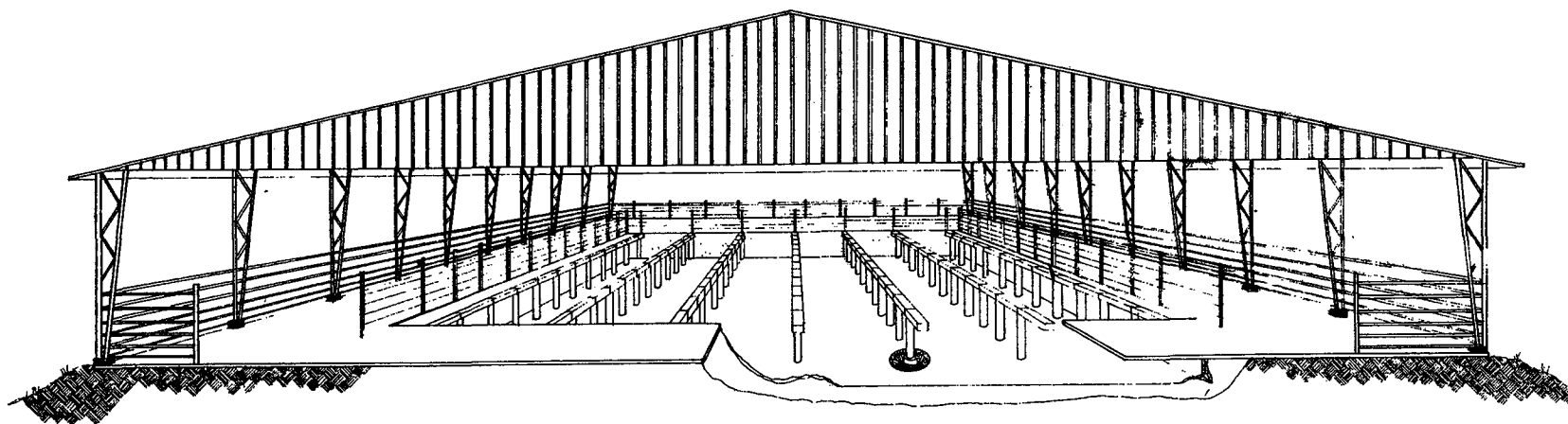
CONCRETE TANK NOTES

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.



CUTAWAY PERSPECTIVE



CONFINEMENT BEEF BARN

ENGINEER F.E. BAKER	SCALE _____
DRAWN BY D.B.V.	SHEET 5 OF 5
TRACED BY L.A.L.	DATE JULY '76 NO. 22-15

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.