END VIEW

NOTE:
1. EACH 48'-0" PEN SECTION OF THE BUILDING WILL HOUSE 75 HEAD OF FEEDER CATTLE AT 20 SQ. FT. PER ANIMAL.
2. LEAVE FOUR CONSECUTIVE SLATS LOOSE SO THEY CAN BE REMOVED FOR PUMPING WASTE FROM THE PIT. THE BEST LOCATION IS APPROX. AT THE CENTER OF THE FRONT PORT OF EACH PEN.

FLOOR & FOUNDATION PLAN

BASED ON PLAN
NO. 565 UNIV. OF ILL.

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

UNITED STATES DEPARTMENT OF AGRICULTURE, FARMER'S HOME ADMINISTRATION

CONFINEMENT BEEF BARN REAR DRIVEWAY

ILL. '73 6159 SHEET 1 OF 2
TANK CROSS WALL & POST CONNECTION

TANK CROSS WALL & POST CONNECTION

SLIDING BUNK
USED AS A GATE

PIT SIDE WALL

6" SLAT CONC Grout SEE NOTE

2" WIDE U-SHAPE STRAP IRON STRAP AT LEAST 9" INTO CONC WALL AND BOLTED TO POST WITH TWO 1/2" BOLTS

NOTE: CONCRETE CURB HAND FORMED AND POURED INTEGRALLY WITH SLATS

U.F. WITH GROUND FROM SWITCH BOX
6x6 PRESSURE TREATED POST
PROTECT EXPOSED PIPE & TAPE FROM PHYSICAL DAMAGE

INSULATED WRAP

FILL INSULATION

CUT OFF VALVE

10" CLAY TILE PIPE
WATER SUPPLY

WATERER & POST DETAIL

WATERER & POST DETAIL

OBSERVATION WALK WAY
ISOMETRIC

HEIGHT OF TOP RAIL 5'-6" ABOVE FLOOR OF WALK WAY
2x4 RAILING
2x6 RAILING
2x4's
TWO 2x6's
2x6's
TWO 2x12's
TWO 2x10's
TWO 2x12's
TWO 2x10's
2x12
24 CLEAT
GRANULATED CONCRETE APRON
CONCRETE SLATS GROUT
8' PIT PARTITION WALL
6' PIT WALL
6x6 PRESSURE TREATED POST 6'-0" O.C.
TWO 2x10's
24 CLEAT
STEP

RAFTER & KNEE BRACE
ISOMETRIC

2x4 BRACE

2x4 RAFTERS
CENTER 2x10 RAFTERS
TWO BOLTS 51/16"
NAIL RAFTERS TOGETHER WITH 8d NAILS

6x6 PRESSURE TREATED POST

2x4 BRACES BOLTED TO POST WITH 5/8" DIAMETER X 13" LONG BOLT

2x4's

SIX 8d NAILS

END 2x10 RAFTERS