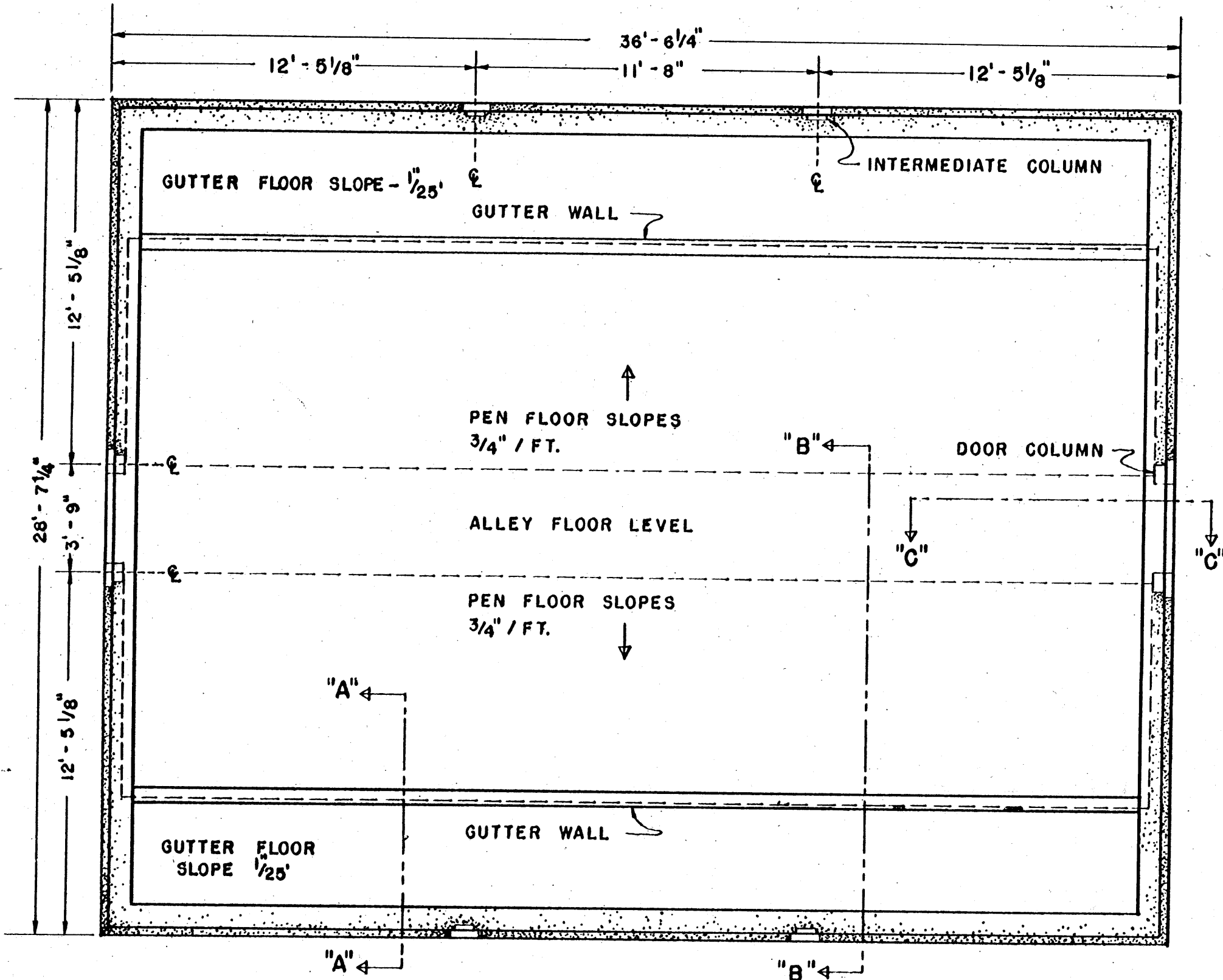
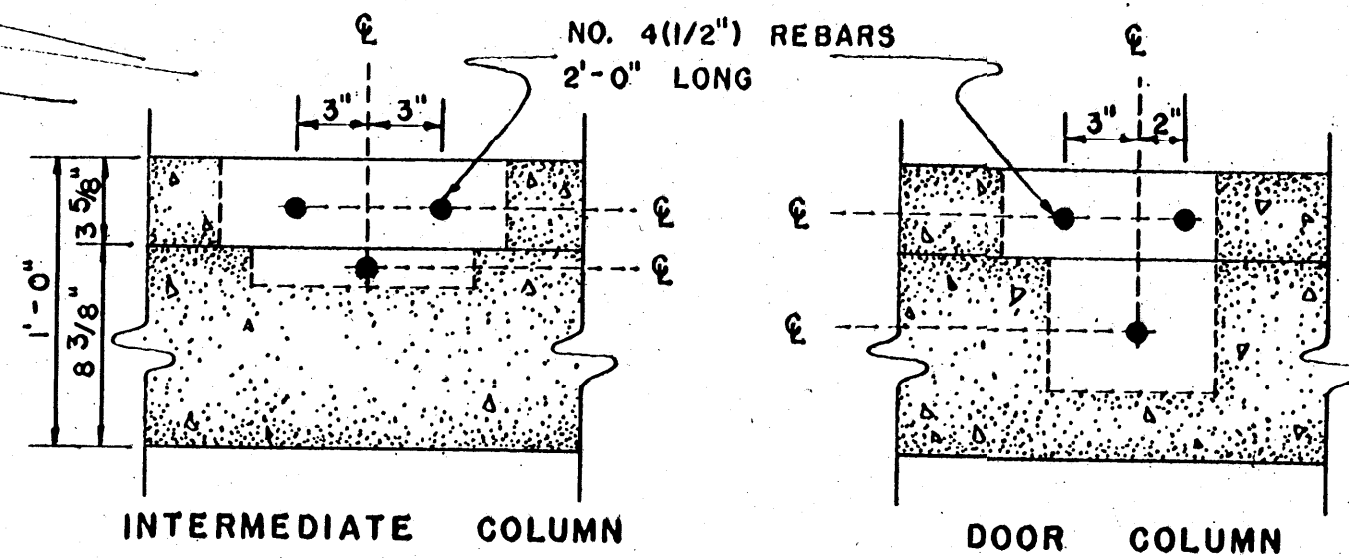


PERSPECTIVE



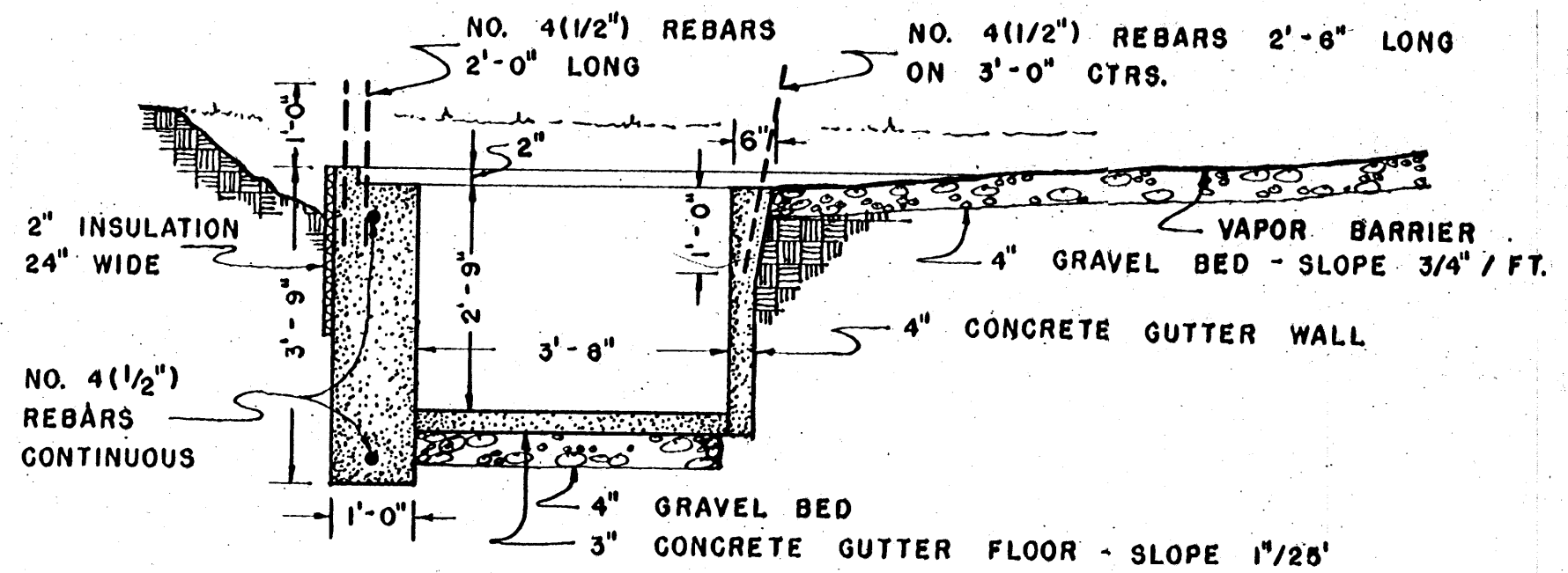
FOUNDATION PLAN

SCALE 1/4" = 1'-0"



COLUMN REINFORCING

SCALE 1/2" = 1'-0"



SECTION "A-A"

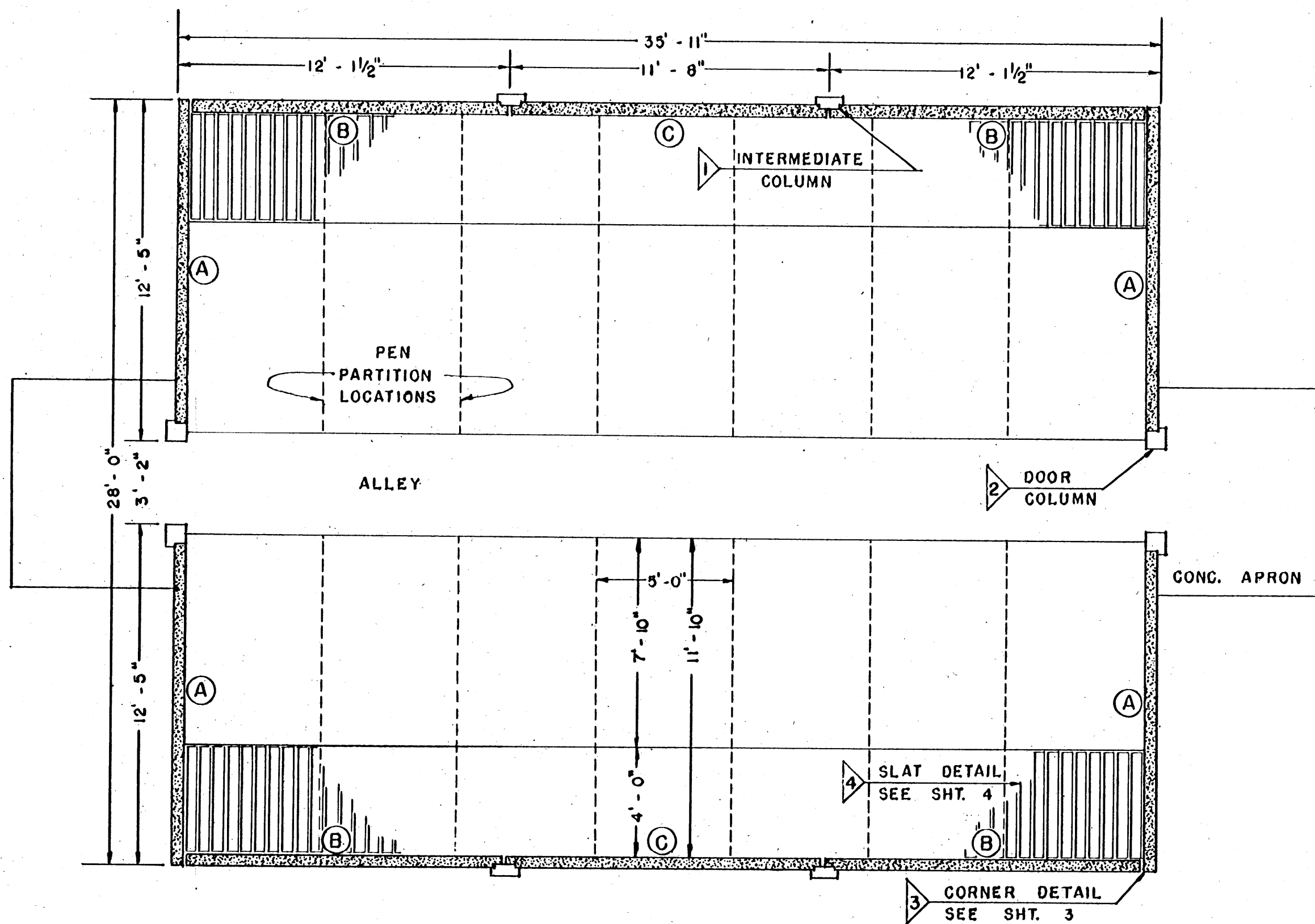
SCALE 1/2" = 1'-0"

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
STATE OF MISSISSIPPI
MISSISSIPPI STATE UNIVERSITY
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

FARROWING HOUSE
TILT-UP CONCRETE CONSTRUCTION

NEBR. '68 EX. 6061 SHEET 1 OF 7

IN COOPERATION WITH
PORTLAND CEMENT ASSOCIATION
DESIGNED BY: E. A. OLSON
GAYLE H. LEWIS
NEBR. PLAN NO. 10.726-33

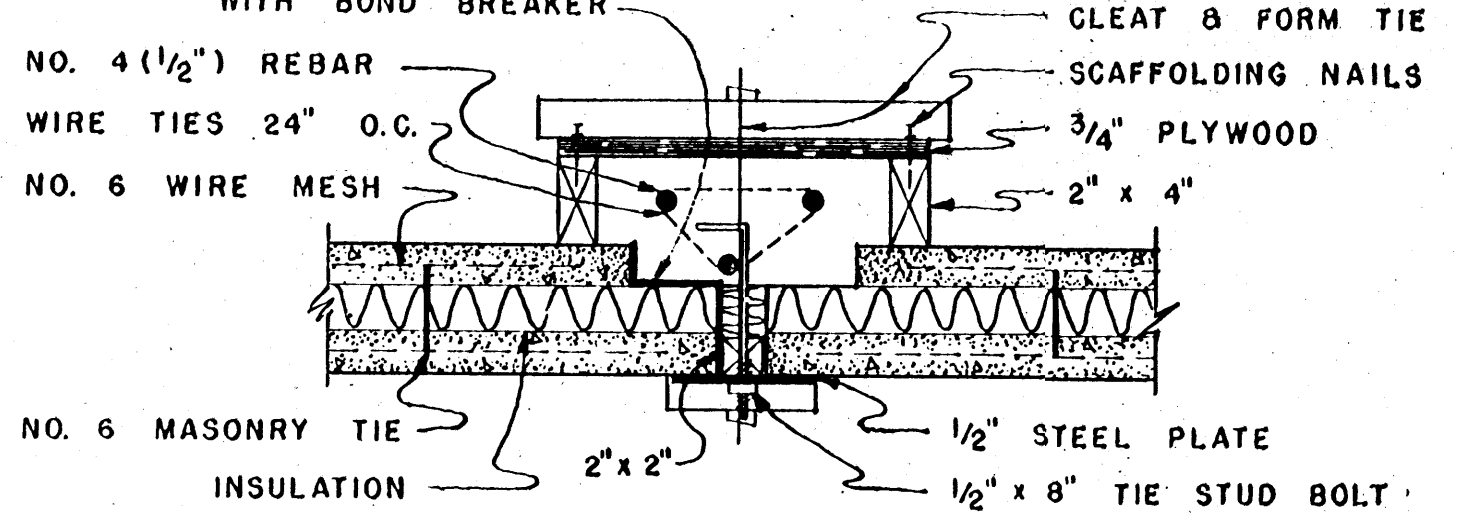


PLAN

SCALE 1/4" = 1' - 0"

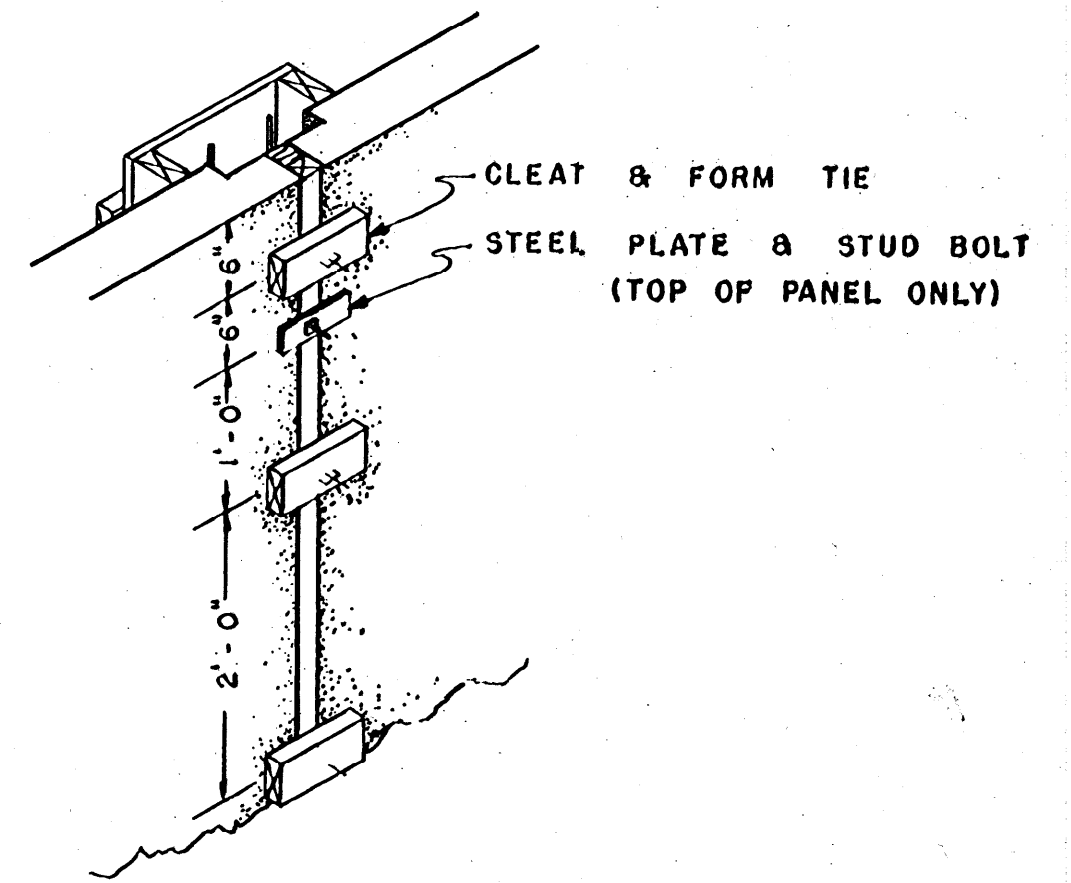
NOTE: SEE SHT. 6 FOR ALTERNATE CORNER DETAIL

NOTE: PAINT ONE END EACH PANEL WITH BOND BREAKER



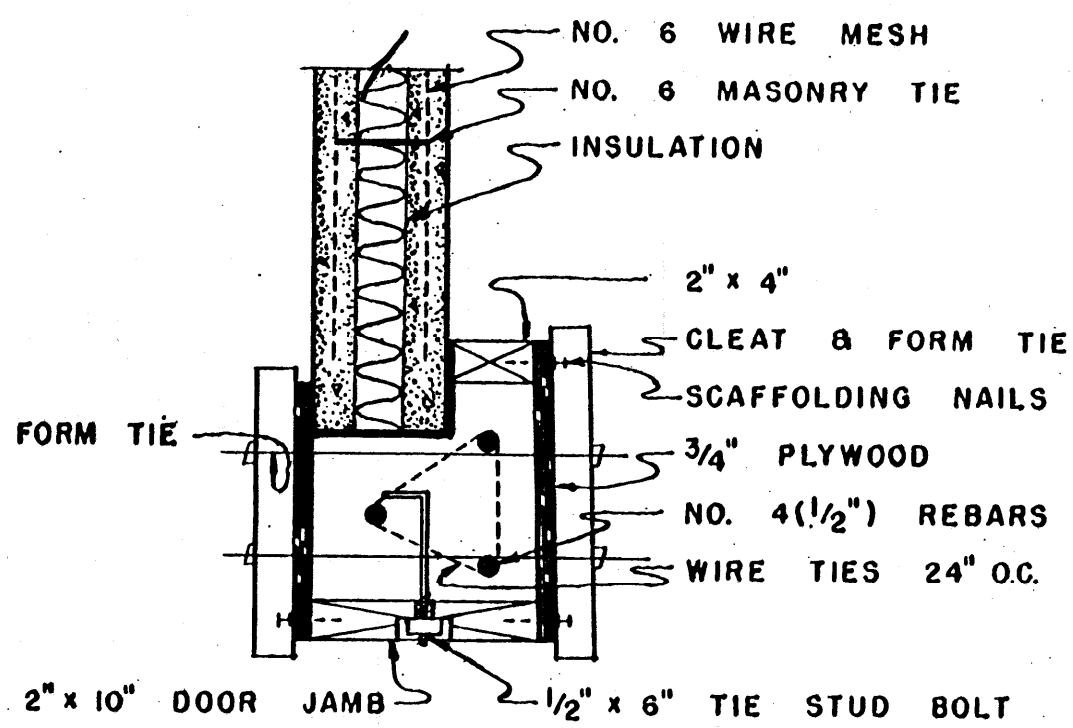
FORMING DETAIL

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



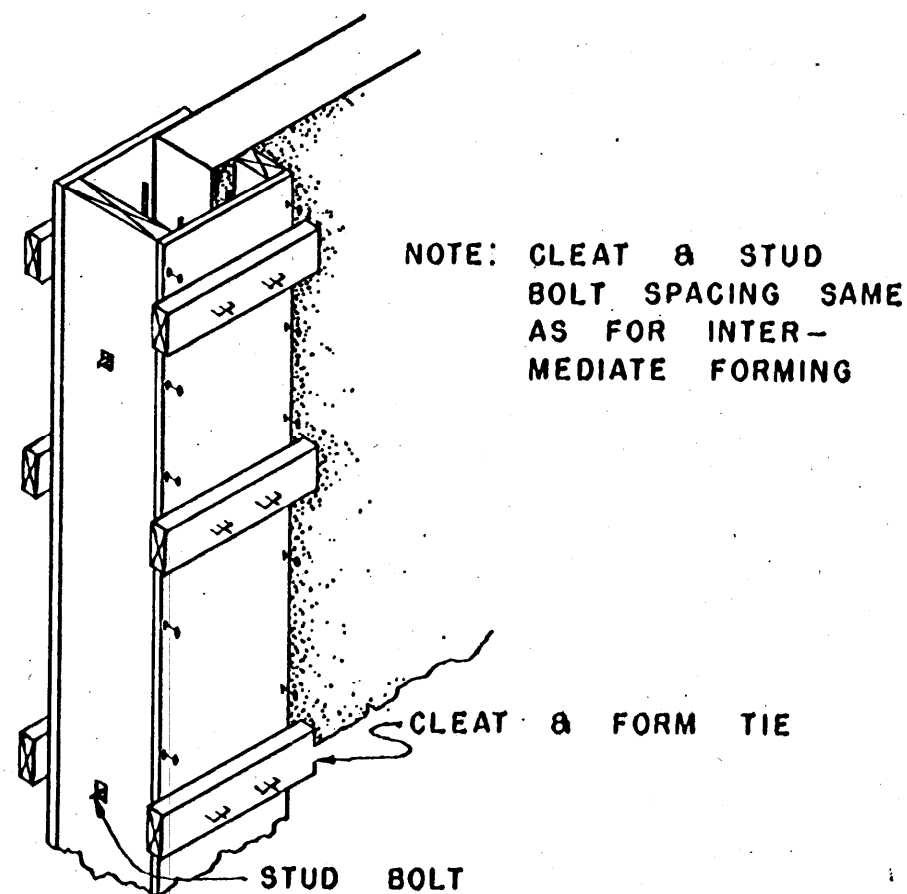
FORMING DETAIL

NOTE: PAINT END OF PANEL WITH BOND BREAKER



FORMING DETAIL

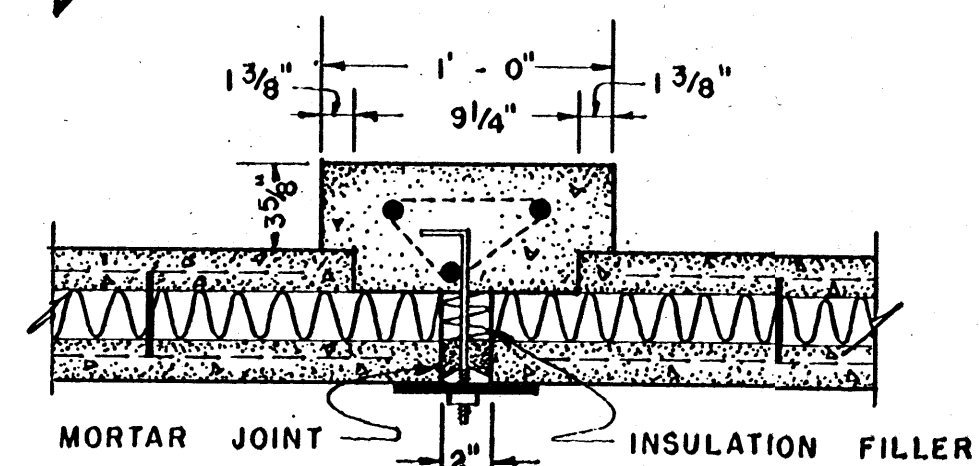
SCALE 1 1/2" = 1' - 0"



FORMING DETAIL

DETAIL

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



DETAIL

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

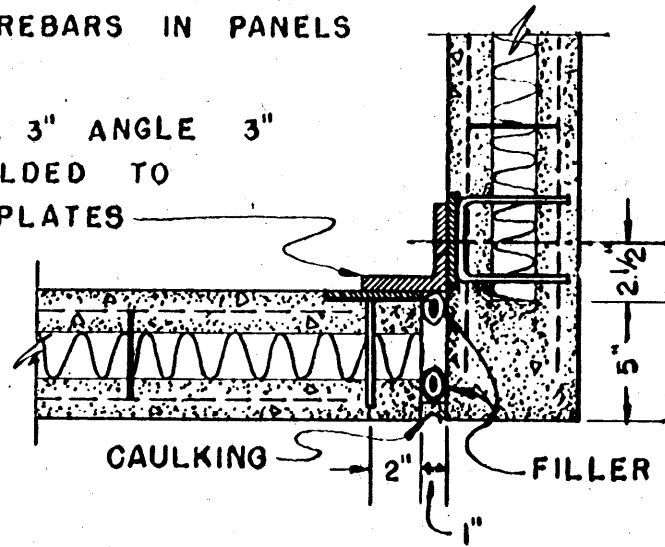
COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
STATE OF MISSISSIPPI
MISSISSIPPI STATE UNIVERSITY
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

FARROWING HOUSE
TILT-UP CONCRETE CONSTRUCTION

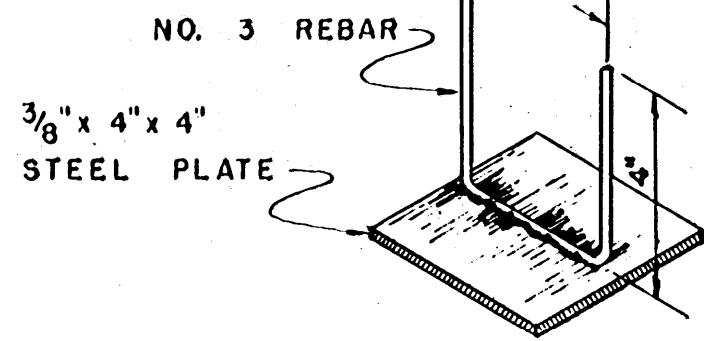
NEBR. '68 EX. 6061 SHEET 2 OF 7

NOTE: OBSERVE ORIENTATION OF CORNER PLATE REBAR IN PANELS

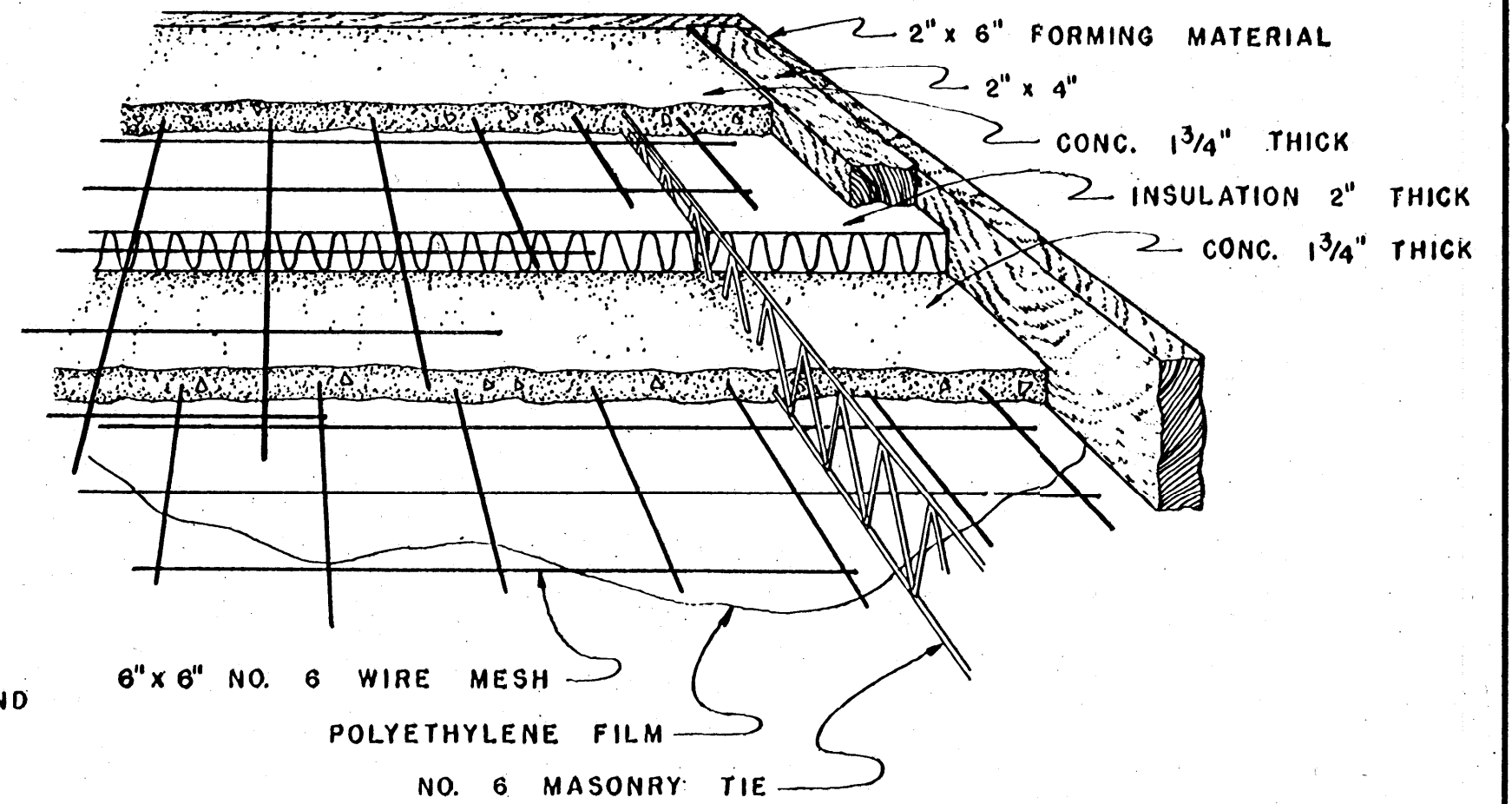
$\frac{3}{8}$ " x 3" x 3" ANGLE 3" LONG WELDED TO CORNER PLATES



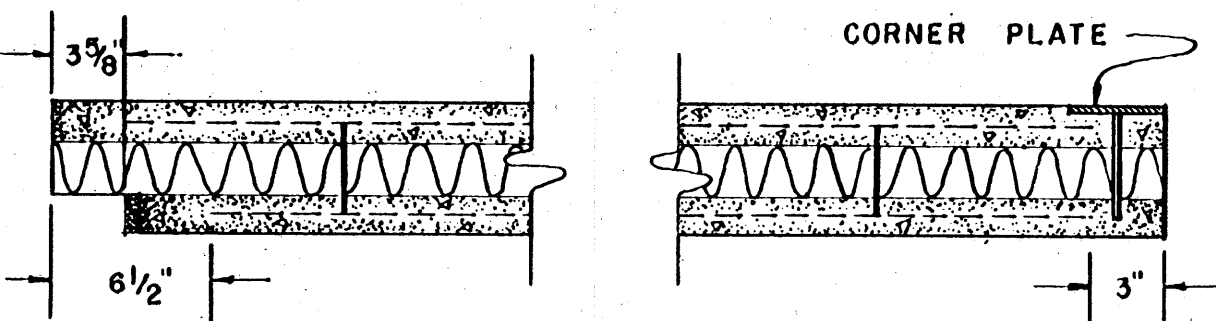
DETAIL
SEE SHT. 2



CORNER PLATE

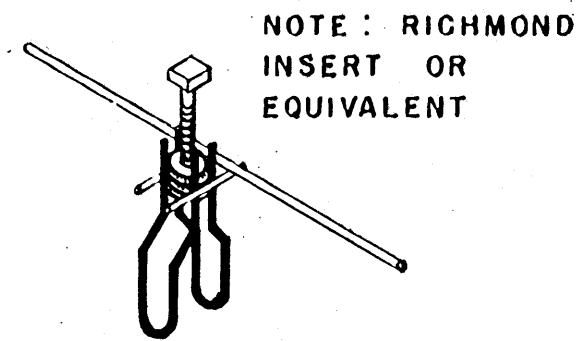


PANEL CONSTRUCTION DETAILS

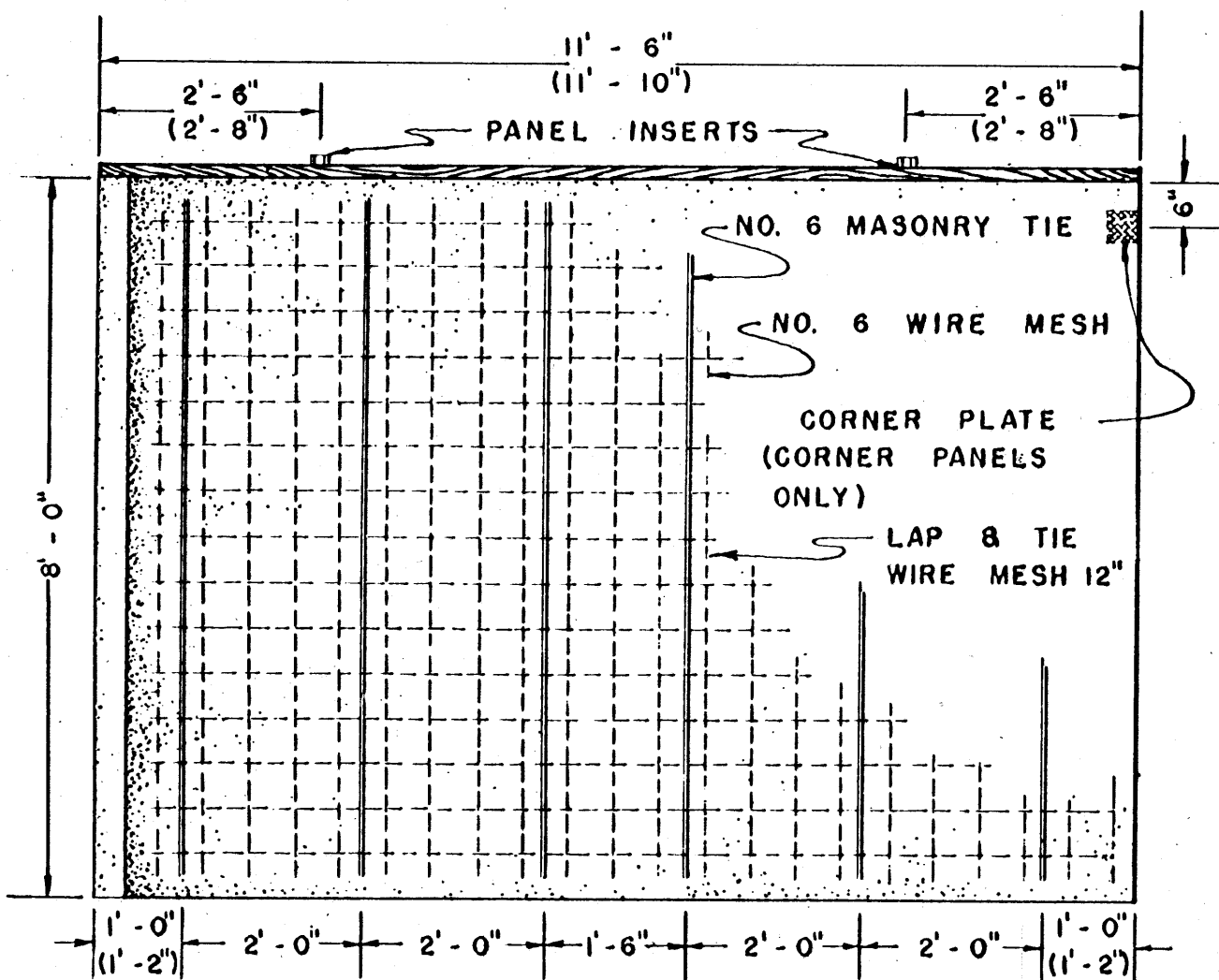


HORIZONTAL SECTION

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



PANEL INSERT

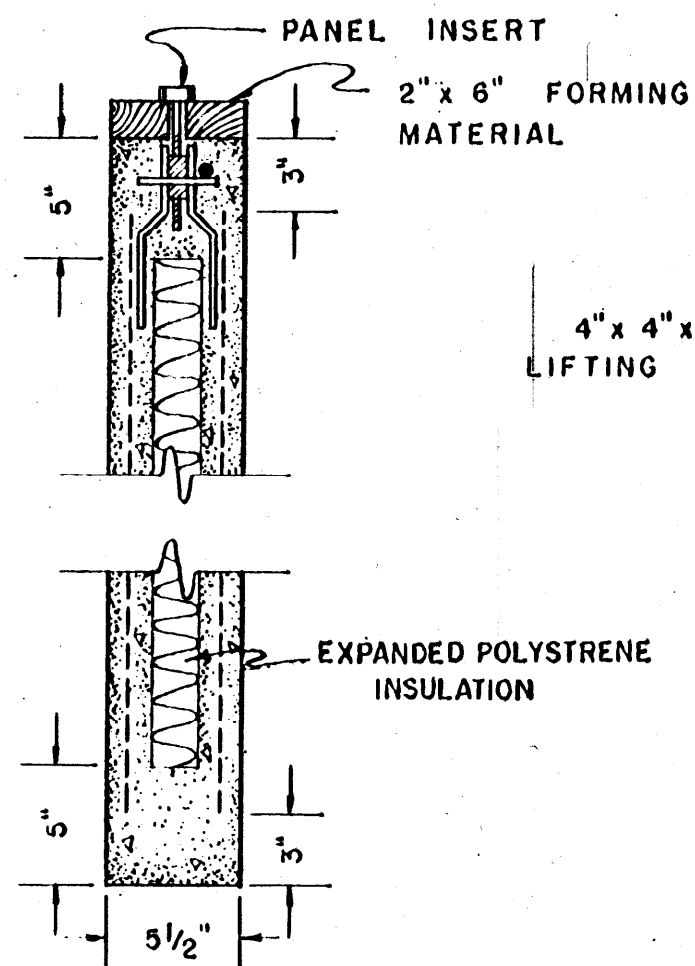


PANEL REINFORCING

SCALE 1/2" = 1' - 0"

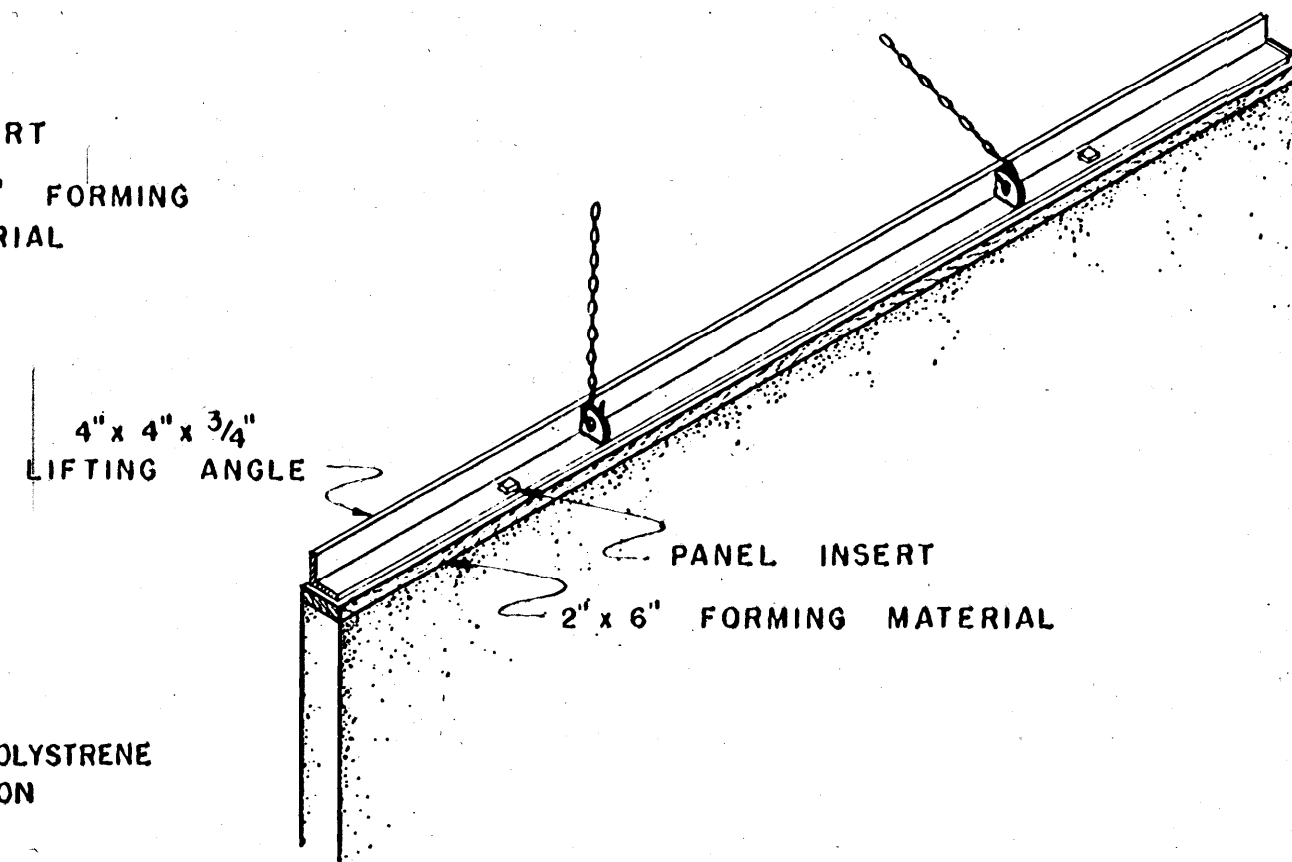
(NOTE CHANGES IN DIMENSIONS FOR "A" PANELS IN PARENTHESIS)

SEE SHT. 7 FOR LOCATION OF PLATES FOR PEN PARTITIONS



VERTICAL SECTION

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

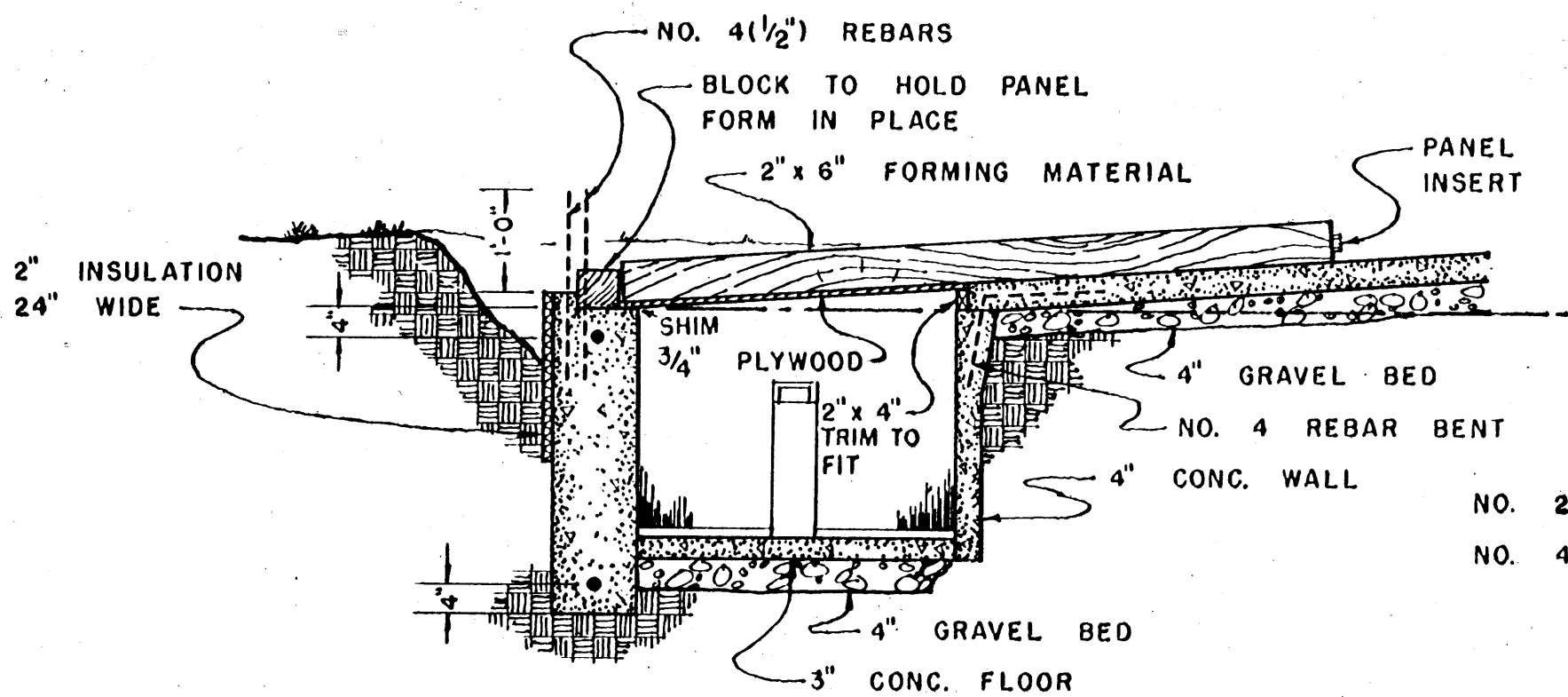


LIFTING DETAIL

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
STATE OF MISSISSIPPI
MISSISSIPPI STATE UNIVERSITY
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

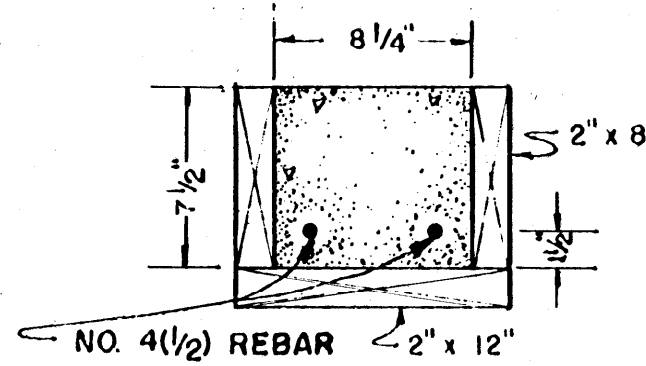
FARROWING HOUSE
TILT-UP CONCRETE CONSTRUCTION

NEBR. '68 EX. 6061 SHEET 3 OF 7

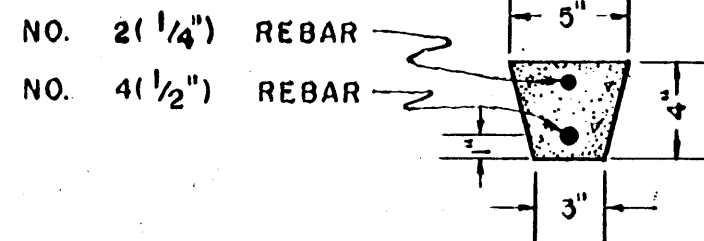


CASTING OVER GUTTER - DETAIL

SCALE 1/2" = 1' - 0"

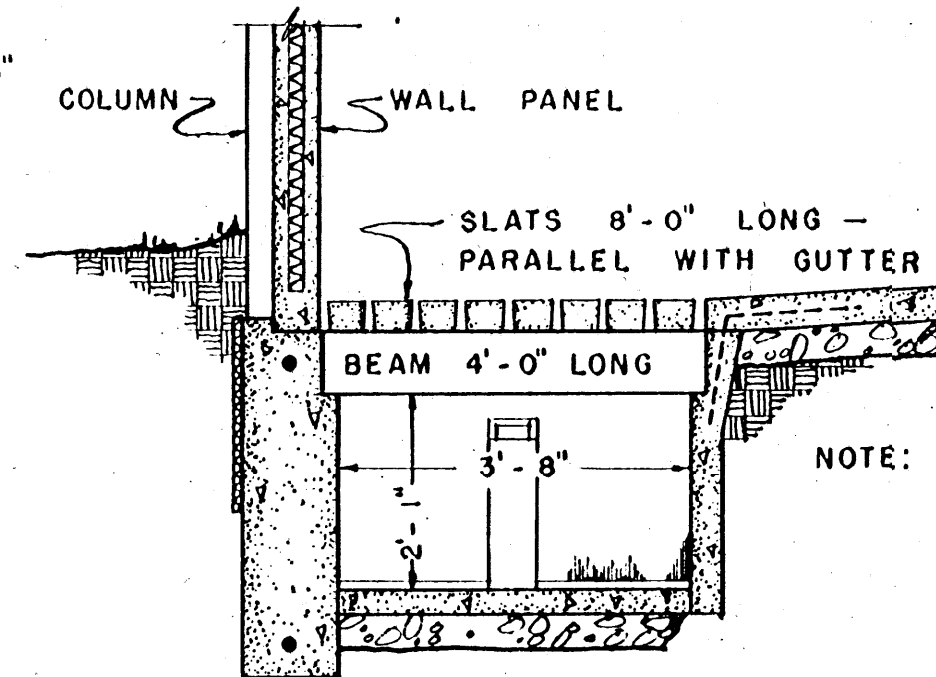


BEAM DETAIL



SLAT DETAIL

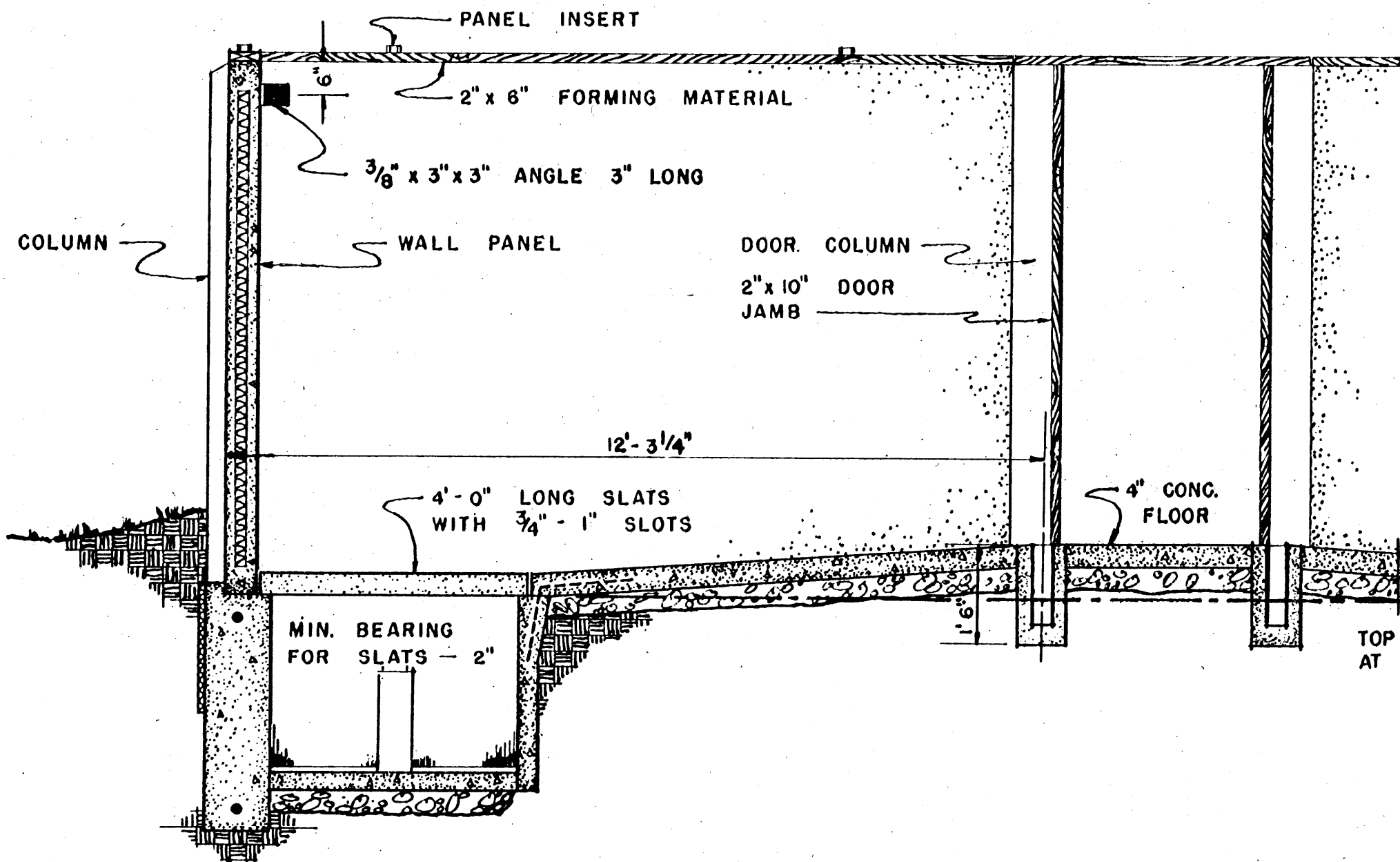
(8' SPAN)



NOTE: SLATS WITH 3/4" - 1" SLOTS
MIN. BEARING FOR BEAM - 2" - SPACING 8' o.c.
MIN. BEARING FOR SLATS 4"

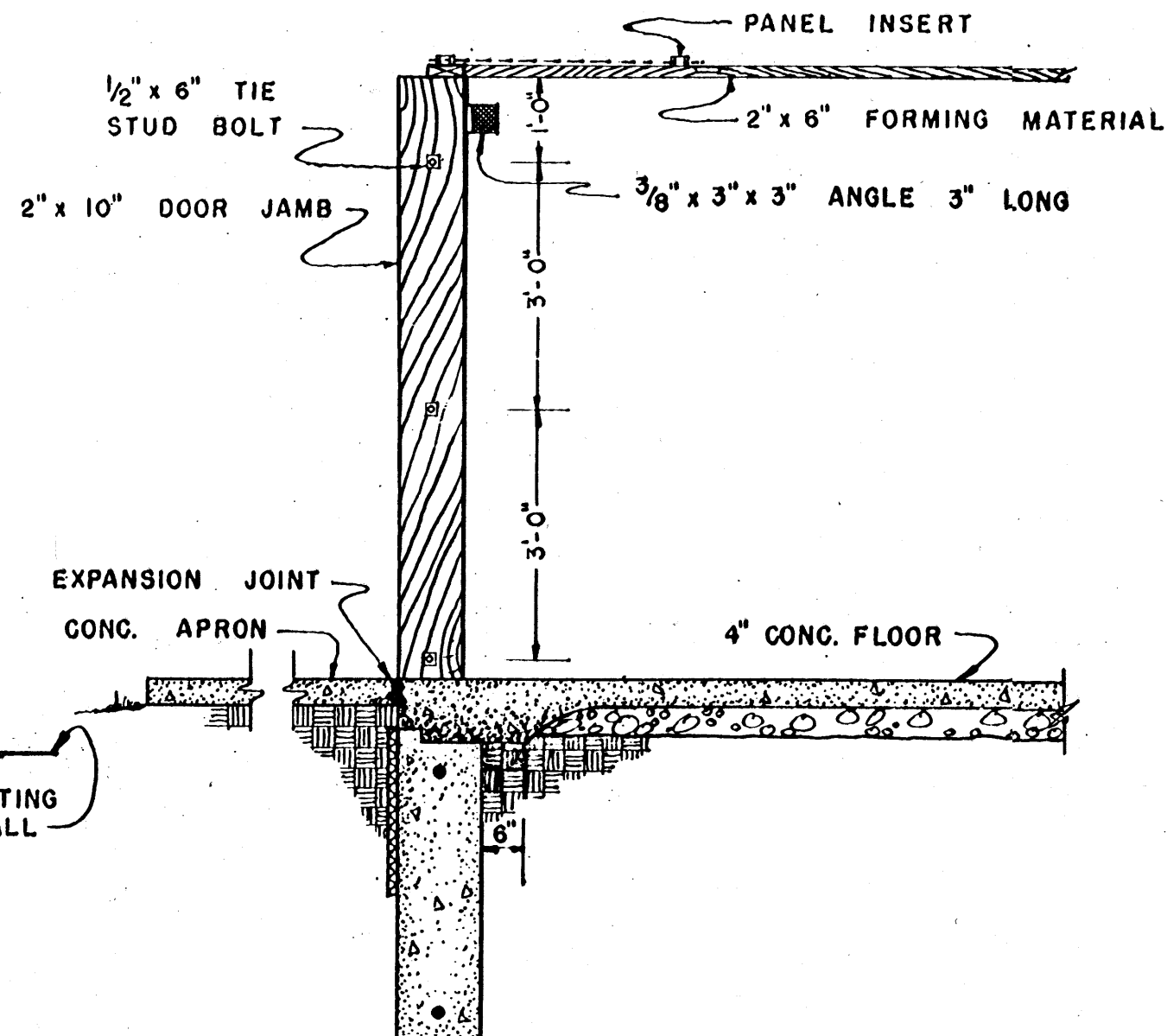
ALTERNATE (PARALLEL SLATS)

SCALE 1/2" = 1' - 0"



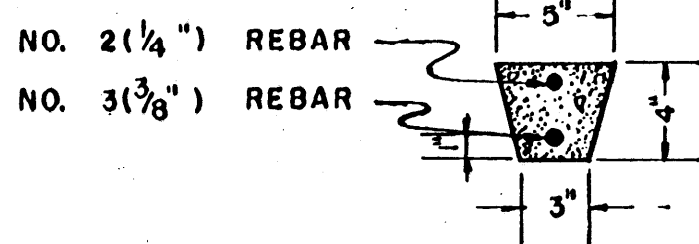
SECTION "B-B"

SCALE 1/2" = 1' - 0"



SECTION "C-C"

SCALE 1/2" = 1' - 0"



SLAT DETAIL

(4' SPAN)

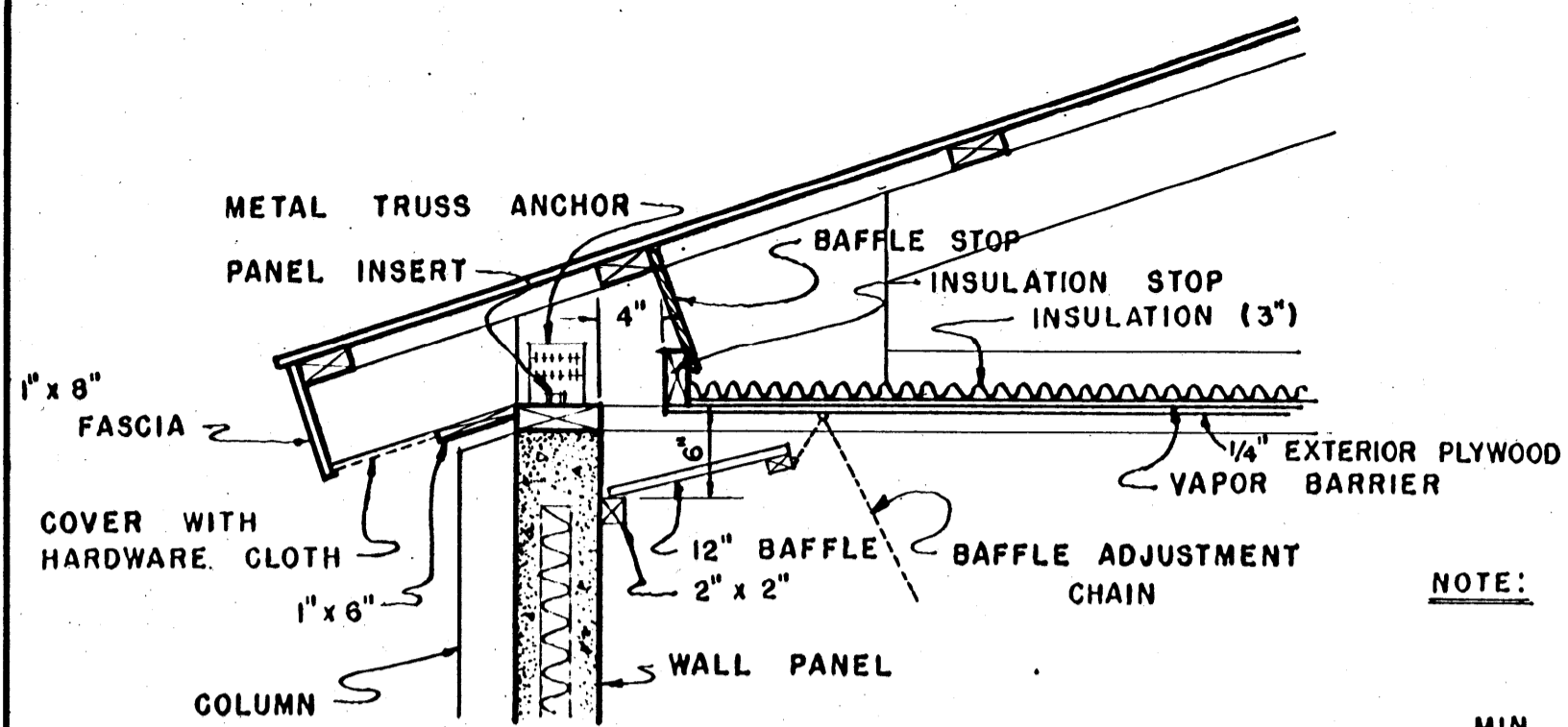
COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
STATE OF MISSISSIPPI
MISSISSIPPI STATE UNIVERSITY
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

FARROWING HOUSE
TILT-UP CONCRETE CONSTRUCTION

NEBR. '68 EX. 6061 SHEET 4 OF 7

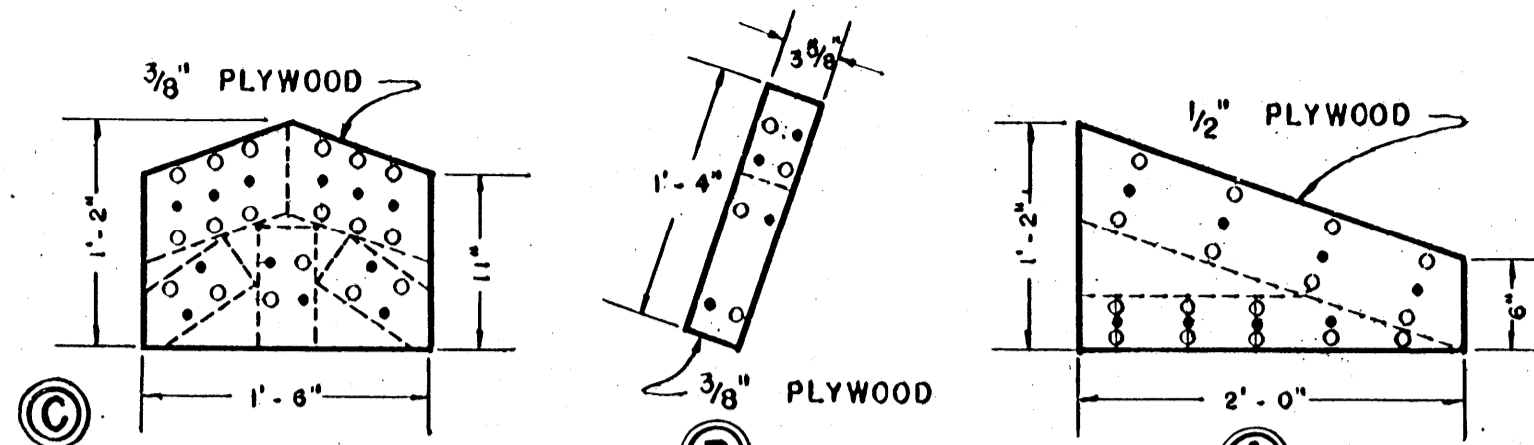
NOTE: USE 10d DEFORMED STEEL NAILS WITH $\frac{3}{8}$ " & $\frac{1}{2}$ " PLYWOOD

$\frac{1}{2}$ " x 4'-0" x 8'-0" PLYWOOD



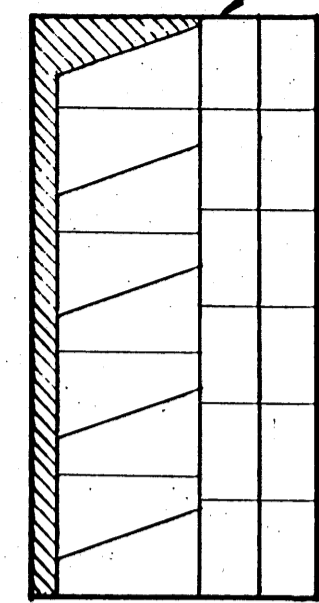
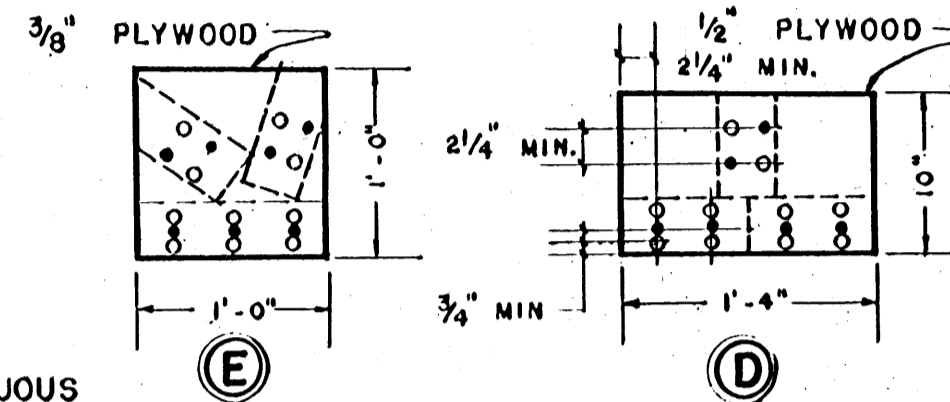
EAVE AIR INLET DETAIL

SCALE 1" = 1'-0"



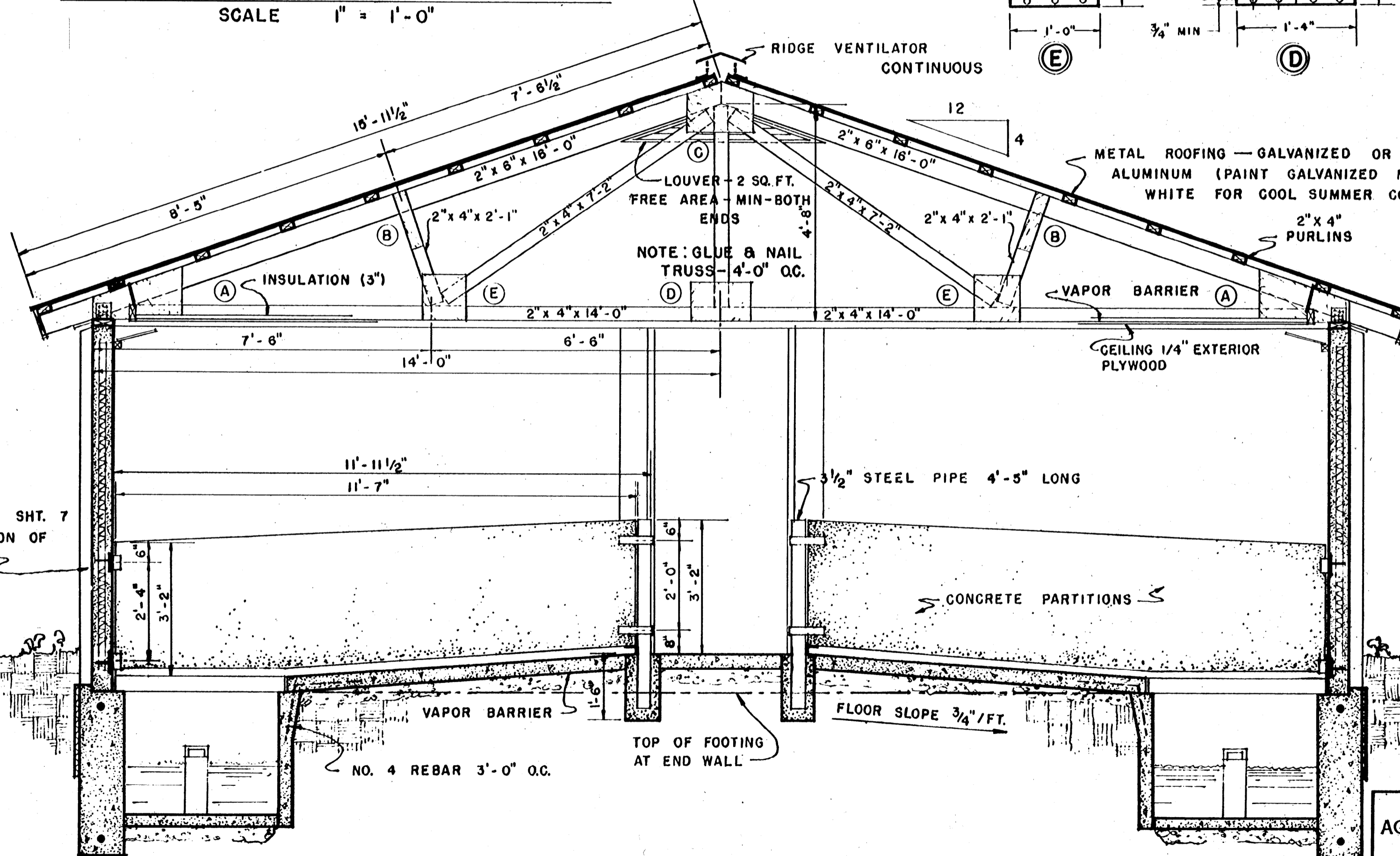
NOTE: ○ NAILS DRIVEN FROM FRONT
● NAILS DRIVEN FROM BACK

MIN. NAIL SPACING
- 2 1/4" PARALLEL TO GRAIN
- 3/4" ACROSS GRAIN



GUSSETS	A	D
NO.	9	12

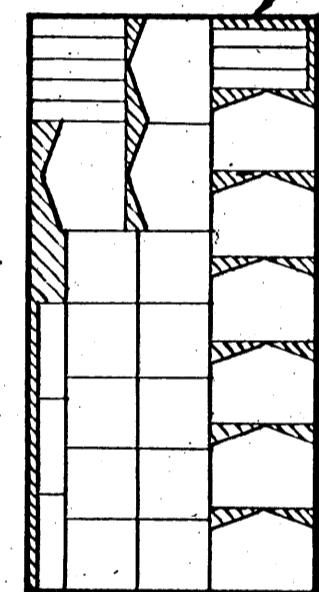
CUTTING PATTERN



CROSS SECTION

SCALE 1/2" = 1'-0"

$\frac{3}{8}$ " x 4'-0" x 8'-0" PLYWOOD



GUSSETS	B	C	E
NO.	11	9	10

CUTTING PATTERN

NOTE: SEE SHT. 7 FOR LOCATION OF PLATES

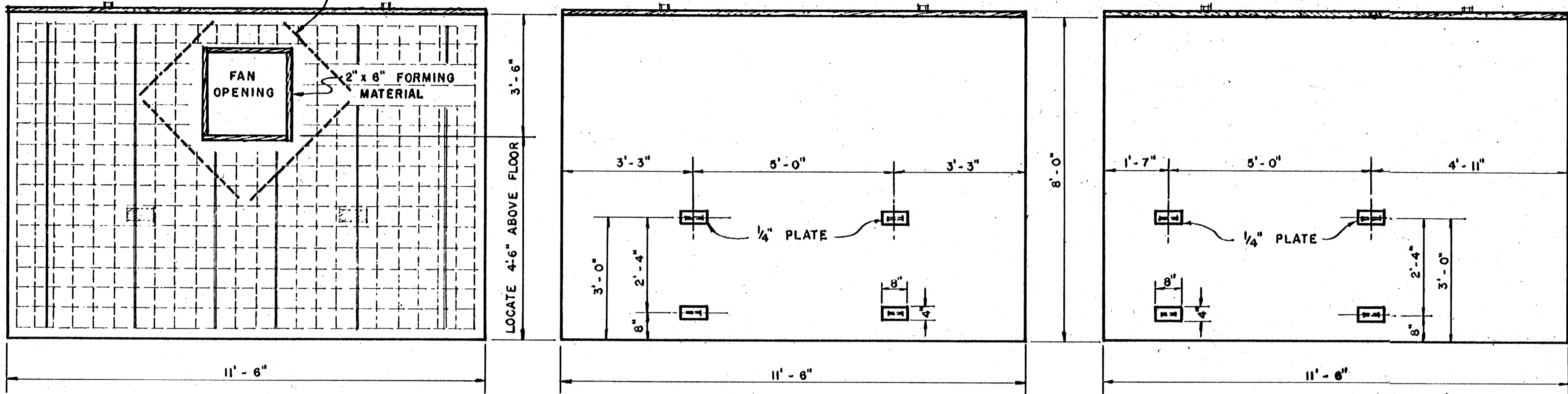
NOTE: FOR TRUSS GUSSETS USE RESORCINAL RESIN GLUE.

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
STATE OF MISSISSIPPI
MISSISSIPPI STATE UNIVERSITY
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

FARROWING HOUSE
TILT-UP CONCRETE CONSTRUCTION

NEBR. '68 EX. 6061 SHEET 5 OF 7

NO. 3 REBARS IN EACH FACE OF
PANEL - LENGTH SET BY OPENING SIZE



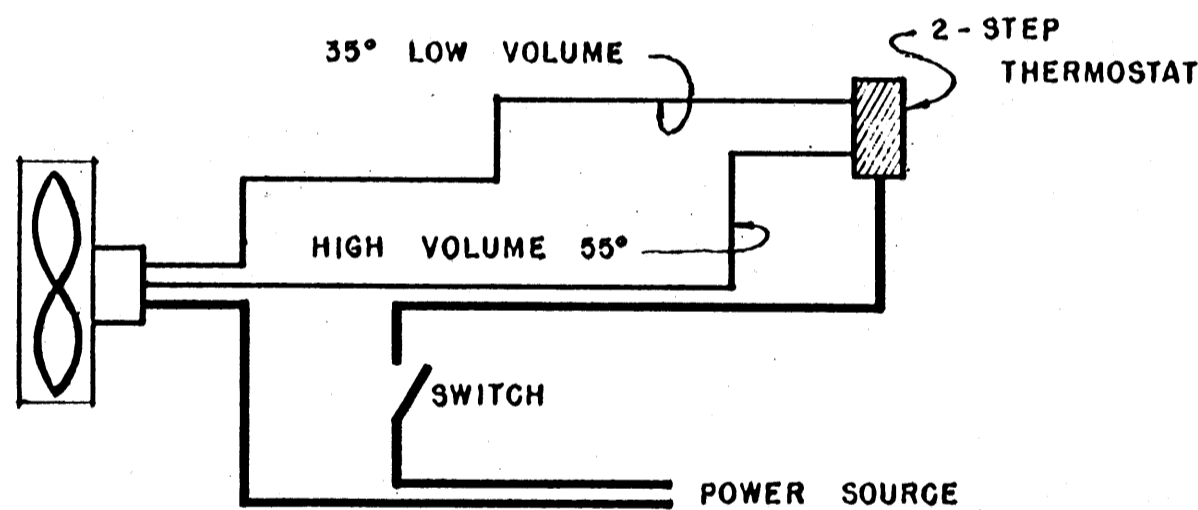
FAN OPENING DETAIL
PANEL "B" & "C"

PLATE LOCATIONS — PANEL "C"
(2 REQUIRED)

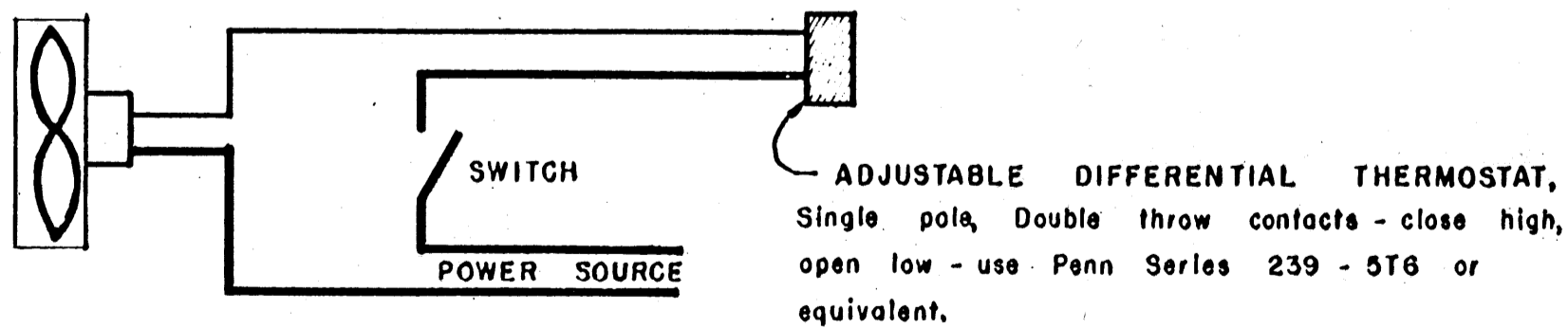
PLATE LOCATIONS — PANEL "B"
(2 AS SHOWN - 2 OPPOSITE)

WALL PANEL DETAILS

NOT TO SCALE



HIGH-LOW VOLUME FAN



HIGH VOLUME FAN

VENTILATION REQUIREMENTS: 2 exhaust fans
 1 High - Low volume fan for winter and mild weather
 CAPACITY - 500 CFM AT LOW VOLUME
 1,500 CFM AT HIGH VOLUME
 1 Fan, high volume for summer
 CAPACITY - 10,000 CFM
 ALL FAN RATINGS AT 1/8" STATIC PRESSURE
 NOTE: PROVIDE WEATHER PROOF HOOD FOR FAN.

VENTILATION MANAGEMENT:

COLD WEATHER - THE HIGH-LOW VOLUME FAN OPERATES CONTINUOUSLY AT LOW VOLUME UNLESS EXTREME WEATHER OR HEATER FAILURE REDUCES INSIDE TEMPERATURE BELOW 35° F.

MILD WEATHER - THE HIGH-LOW VOLUME FAN WILL OPERATE AT HIGH VOLUME WITH INCREASING TEMPERATURES.

HOT WEATHER - THE HIGH CAPACITY FAN CONTROLLED BY THE ADJUSTABLE DIFFERENTIAL THERMOSTAT WILL OPERATE CONTINUOUSLY WHEN THE TEMPERATURE IN THE BUILDING EXCEEDS 75°. BY ADJUSTING THE THERMOSTAT THE FAN WILL OPERATE UNTIL THE TEMPERATURE HAS DROPPED TO 70°. AT TEMPERATURES OVER 85° AN ADDITIONAL CIRCULATING FAN TO INCREASE AIR MOVEMENT INSIDE THE BUILDING WILL PROVIDE FOR GREATER ANIMAL COMFORT.

COOPERATIVE EXTENSION WORK IN
 AGRICULTURE AND HOME ECONOMICS
 STATE OF MISSISSIPPI
 MISSISSIPPI STATE UNIVERSITY
 AND
 UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

FARROWING HOUSE
 TILT-UP CONCRETE CONSTRUCTION

NEBR. '68 EX. 6061 SHEET 7 OF 7