

TRUSS GUSSETS - 1/2" - 32/16 C-C EXT TYPE
 DFPA PLYWOOD
 ROOFING AS DESIRED

32/16 C-C EXT PLYWOOD
 SHEATHING
 1/2" X 6" X 16"
 GUSSET

INSULATION
 VAPOR BARRIER

FOR PANEL CONSTRUCTION, BUILD WALL PANELS IN 8' X 8' SECTIONS WITH SINGLE 1" X 4" PLATE & SILL. TOP PLATE & 2" X 4" SILL ARE INSTALLED IN THE FIELD.

TRUSSES - 32" O.C.

CEILING: 3/8" A-C EXT. DFPA PLYWOOD
 INSULATION:
 CEILING: 3" MILD CLIMATE
 6" COLD CLIMATE
 WALLS: 2" MILD CLIMATE
 3 1/2" COLD CLIMATE

CONCRETE OR WOOD SLATS

2" X 8" TREATED, LOCATE ONE UNDER EACH ST. L. SIDE

2" SOLID PLANK

4" CONCRETE SLAB WITH CROWN

1/2" Ø REINFORCING BARS

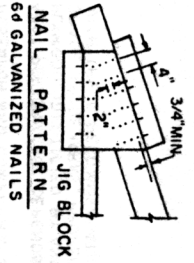
6" X 6" NO. 10 GAGE WELDED WIRE MESH

1/2" Ø REINFORCING BARS, SPACED 24" O.C.

3/8" EXT. DFPA PLYWOOD SIDING MOD. A-C, B-C, OR C-C

2" X 4" X 7'-7", 24" O.C. STUDS

NOTE:
 CONSULT LOCAL HEALTH AUTHORITIES BEFORE STARTING CONSTRUCTION TO BE SURE THAT THE PLAN CONFORMS WITH LOCAL CODES AND REGULATIONS



NOTES:

FASTENERS
 CEILING AND SIDING: NAIL, 3/8" PLYWOOD WITH NON-CORROSIVE 6d COMMON NAIL SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. OVER INTERMEDIATE SUPPORTS WITH TRUSSES SPACED 32" O.C. INSTALL PLYCLIPS TO SUPPORT LONG EDGES OF PLYWOOD CEILING PANELS

SHEATHING
 APPLY 1/2" PLYWOOD WITH 6d COMMON NAILS, SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. OVER INTERMEDIATE SUPPORTS. IDENTIFICATION INDEX FOR SHEATHING-32/16
 ALL PLYWOOD IS EXTERIOR-TYPE PLYWOOD (EXT.-DFPA)

PANELIZED CONSTRUCTION IS INDICATED ON THE PLAN. CONVENTIONAL ON-SITE CONSTRUCTION USING 2" X 4" STUDS, 24" O.C. CAN BE SUBSTITUTED.

TRUSSES:
 LUMBER: TOP CHORD - 2" X 6"
 BOTTOM CHORD - 2" X 4"
 ALLOWABLE FIBER STRESS
 BENDING - 1500 PSI
 COMPRESSION - 1200 PSI

PLYWOOD GUSSETS

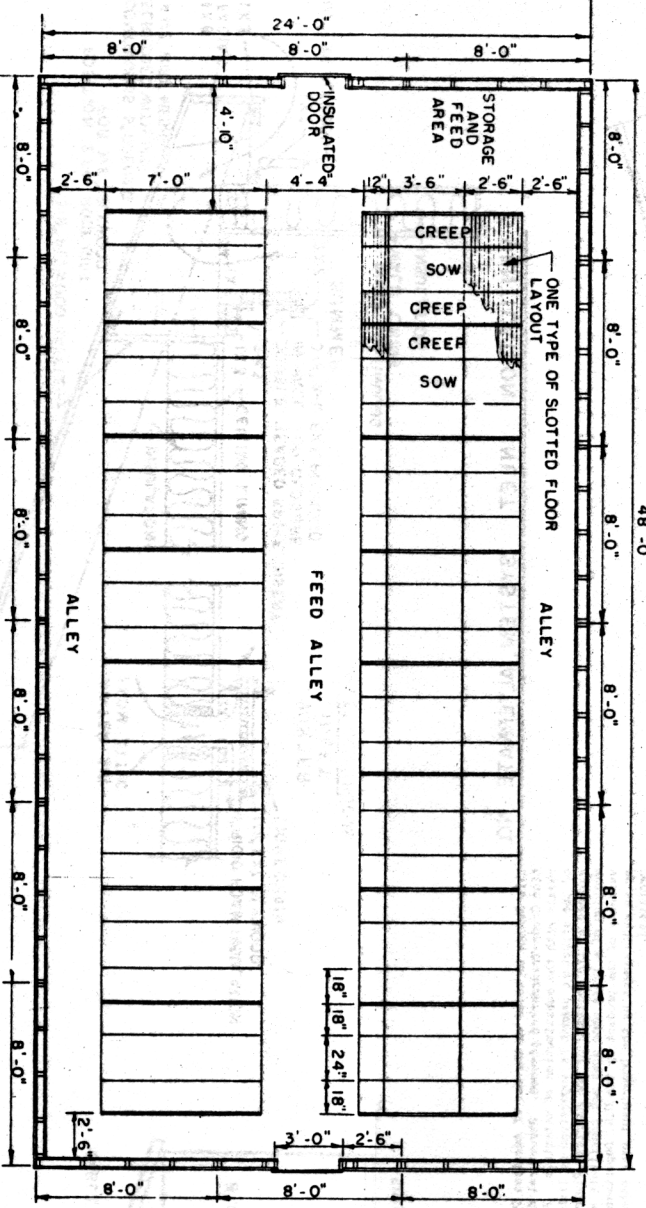
1/2" - 32/16 C-C EXT TYPE DFPA PLYWOOD ON BOTH SIDES OF FRAMING MEMBERS
 GLUE: RESORCINOL-RESIN TYPE

SLOTTED FLOORS:
 SEVERAL ARRANGEMENTS ARE POSSIBLE. TWO ARE INDICATED.

VENTILATION, HEATING & ELECTRIC SERVICE
 CONSULT WITH POWER SUPPLIER AND/OR EQUIPMENT

FARROWING STALLS
 COMMERCIALY AVAILABLE STALLS MAY BE USED OR SEE SHEET #3. DETAIL FOR PLYWOOD FARROWING STALL

PIT CLEANOUT ACCESS
 PLACE ACCESS PORT AT CONVENIENT LOCATION



FLOOR PLAN

AMERICAN PLYWOOD ASSOC.
 FORM NO. 70-170 & 70-175

COOPERATIVE EXTENSION WORK IN
 AGRICULTURE AND HOME ECONOMICS
 DEPARTMENT OF AGRICULTURAL ENGINEERING
 UNIVERSITY OF MARYLAND

UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING
 AND

FARROWING HOUSE
 24 X 48

APA '71 6122 SHEET 1 OF 3