**PLAN**

**LEGEND**

<table>
<thead>
<tr>
<th>KEY</th>
<th>PANEL</th>
<th>SIZE</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.F.</td>
<td>BASIC</td>
<td>8'-0&quot; x 8'-0&quot;</td>
<td>30</td>
</tr>
<tr>
<td>F.S.</td>
<td>FIRE ESCAPE</td>
<td>8'-0&quot; x 8'-0&quot;</td>
<td>6</td>
</tr>
<tr>
<td>E.P.</td>
<td>END WALL</td>
<td>9'-0&quot; x 8'-0&quot;</td>
<td>4</td>
</tr>
<tr>
<td>E.W.</td>
<td>END WALL</td>
<td>9'-0&quot; x 8'-0&quot;</td>
<td>6</td>
</tr>
<tr>
<td>FAN</td>
<td>FAN OPENING FRAMED IN BETWEEN POSTS B-0'-0&quot;</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

**GENERAL NOTES**

1. CONCRETE TO BE 3000 PSI AIR-ENTRAINED MIX.
2. CONCRETE FLOORS TO HAVE A TROWELED FINISH.
3. GIRDER MEMBERS TO BE CONSTRUCTION GRADE DOUGLAS FIR OR NO. 1 SOUTHERN PINE, MINIMUM FIBER STRESS OF 1500 LBS/SQ IN.
4. TO FACILITATE CLEANING OR ACCESS TO BUILDING, SECURE SEVERAL PANELS WITH 1/16" x 4" LAG SCREWS 6'-0" A.C.

**VENTILATION NOTES**

1. INSTALL LOUVERS MINIMUM AREA 9 SQ FT IN GABLE ENDS.
2. MINIMUM VENTILATION REQUIREMENT IS 6 CPM PER BIRD.
   CONTACT THE COUNTY AGRICULTURAL AGENT OR THE EXTENSION AGRICULTURAL ENGINEER REGARDING FAN CONTROL DETAILS.
3. TERMINATE SLOT INLET 8'-0" EACH SIDE OF FANS.

**PERSPECTIVE**

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

**POULTRY HOUSE PANEL CONSTRUCTION FLOOR MANAGEMENT**

**BASED ON CNM PLAN NO. 231**
**FIRE ESCAPE PANEL DETAILS**

**SCALE:** 0 1 2 3 4 FT.

**3/8" EXTERIOR PLYWOOD**

**2" X 2" FRAMING**

**1 1/2" OVERLAP AT HEAD & JAMB**

**3/8" EXTERIOR PLYWOOD, BOTH SIDES**

**NOTICE:**

- Paint door red.
- Label "Fire Exit." On both sides.

**FASTEN DOOR TO PANEL WITH WOOD TURN BLOCKS AROUND PERIMETER (INTERIOR).**

**2" X 6" E.S.G. PLANK**

**6" X 6" SIDEWALL POST**

**CORNER POST, 6" X 6"**

**PRESSURE TREATED**

**NOTE:** Girders overhangs post 5 1/2" at corners of building.

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**GIRDER DETAILS**

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**FAN PANEL DETAILS**

**SCALE:** 0 1 2 3 4 FT.

**3/8" EXTERIOR PLYWOOD**

**2" X 3 1/8" O" LONG**

**1 1/2" FIBERGLAS (R-8) BATT INSULATION**

**NOTE:** Vapor Barrier. Mark panel on this side to indicate installation facing the interior of the building.

**ISOMETRIC**

**3/8" EXTERIOR PLYWOOD**

**2" X 3 1/8" O" LONG**

**1 1/2" FIBERGLAS (R-8) BATT INSULATION**

**VAPOR BARRIER**

**SEE NOTE NO. 5**

**2" X 2" UPRIGHTS, 3 REQUIRED (1 FOR END WALL PANEL)**

**2" X 4" X 8" O" LONG T & G. PRESSURE TREATED PLANK**

**SECTION:** 0 2 4 6 IN.

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**GENERAL NOTES**

1. ALL PLYWOOD SHALL BE DFPA GRADE STAMPED EXTERIOR TYPE.

2. FASTEN PLYWOOD WITH 64 GALVANIZED NAILS SPACED 6" C.C. OR EQUIVALENT STAPLES.

3. SECURE PANELS TO POSTS AND GIRDERS WITH 404 ANCHORS. SEE NOTE NO. 4, SHEET NO. 1 FOR EXCEPTION.

4. SEE ASTERISK SHEET NO. 3 FOR SPECIFICATIONS OF PRESSURE TREATED MATERIAL.

5. MARK PLYWOOD ON THE VAPOR BARRIER SIDE OF PANEL TO INSURE INSTALLATION FACING INTERIOR OF BUILDING. SEE DETAILS THIS SHEET.