

# **TYPE #1 MODULAR PRESSBOX SPECIFICATIONS:**

**Use Group A-5**

**Construction Type V-B**

**UNPROTECTED WOOD-FRAMED**

**(In states that implement the International Building Code,  
there are no height limitations using wood-framed pressboxes  
per Table #503)**

a) **FLOOR CONSTRUCTION**

- 1) Bottom Board:  
1/2" CCX foundation grade treated plywood.  
Industrial grade asphalt-based black paint.  
Continuous aluminum vents on 8' centers. (min. of 2)
- 2) Insulation:  
6" R-19 fiberglass batts, with vapor barrier.
- 3) Joists:  
2" x 6" #1 SYP, on 16" centers, longitudinal framing.
- 4) Decking:  
3/4" Sturdifloor, underlayment grade, tongue and groove fir  
plywood, (Index 24" O.C.).
- 5) Covering:  
1/8" Armstrong Excelon vinyl composition tile, Cottage Tan.
- 6) Molding:  
4" Resilient vinyl base.

b) **WALL CONSTRUCTION**

- 1) Studs:  
2" x 4", #2 or better SPF, on 16" centers, BOCA framing.
- 2) Bottom Plate:  
2" x 4" #2 or better SPF.
- 3) Top Plates:  
(2) 2" x 4" #2 or better SPF.
- 4) Headers:  
As span and design load requires

- 5) **Ceiling Height:**  
8'-0" x 7'10", front to back.
- 6) **Covering:**  
5/8" vinyl-faced gypsum panels, Class A, F.S.R.
- 7) **Insulation:**  
3-1/2" R-11 fiberglass batts with vapor barrier.
- 8) **Sheathing:**  
1/2" CDX plywood.
- 9) **Siding:**  
Heartland "Legends D7" .046 vertical board and batten vinyl panels.

c) **ROOF CONSTRUCTION**

- 1) **Joists:**  
2" x 8", #1 SYP, 16" O.C. spacing.
- 2) **Overhang:**  
15-1/2" over front wall; 6" over rear wall.  
.019 aluminum fascia with perforated aluminum soffit panels.
- 3) **Ceiling:**  
5/8" type-x fire-rated gypsum board, taped and bedded with spray textured finish, Class A F.S.R.
- 4) **Insulation:**  
6" R-19 fiberglass batts with vapor barrier.
- 5) **Decking:**  
3/4" tongue & groove oriented strand board (Index 24" O.C.).
- 6) **Covering:**  
.060 single-ply EPDM rubber membrane, fully adhered.

d) **WINDOWS**

Milgard #5120 "Classic Series" horizontal sliders with extruded vinyl frames, AAMA LC-25 structural rating, with 1" clear insulated tempered glass and removable insect screens.

e) **DOORS**

Challenge insulated vinyl-faced steel clad with wood jambs; 16" insulated/tempered lite, aluminum threshold, vinyl weather stops and heavy-duty retention chains. Doors equipped with commercial lever-handled keyed locksets.

f) **ELECTRICAL**

1) **Service Entrance Panel:**

Square D QO112M100 with Main Disconnect; rated at 120/240v, single phase, 100 amp capacity.

2) **Receptacles:**

Pass & Seymour 125 volt/15 amp duplex, spec-grade, along the rear wall.

Wiremold 5400 Series two-piece multi-channel, dual voltage, non metallic surface raceway along front wall below scorer's counter, outlets on 48" centers.

3) **Lighting:**

Lithonia M232PC1S 4-ft. 2-tube fluorescent strips with low-glare parabolic diffusers.

4) **Circuits:**

All branch circuit wiring is minimum #12 THHN encased in EMT thinwall conduit.

g) **SCORER'S COUNTER**

18" deep x 3/4" lauan grade plywood with 1-1/2" x 2" edge, surfaced with .060 plastic laminate, Nevamar Neutra Matrix.

h) **CAMERA DECKS**

1) **Hatch:**

Bilco Model NB50 2'6" x 4'6" aluminum roof hatch.

2) **Ladder (Aluminum):**

Alaco Model 370 70-degree ships ladder.

Alaco Model 330 60-degree ships ladder where required.

3) **Roof Surface:**

.060 polyester reinforced skid and spike resistant PVC membrane, fully adhered.

4) **Railing mounts:**

1/2" galvanized threaded bolts & nuts through roof fascia on 48" centers along perimeter edge of roof.