

## Palmer Power Springs

### Spring Floor Assembly Instructions

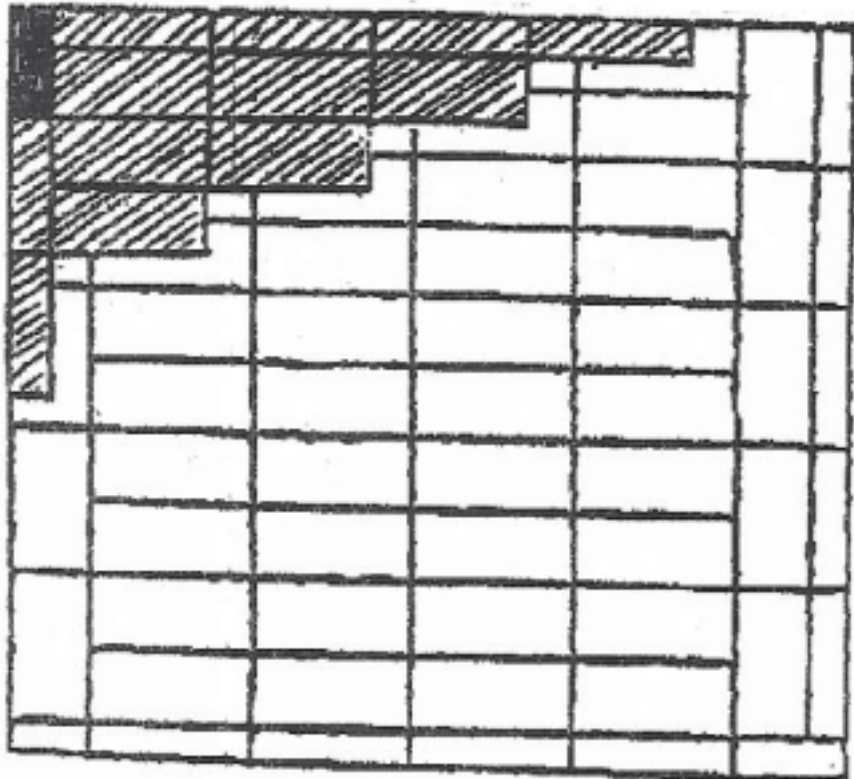
1. Drill ¼" holes at locations indicated on diagrams.
2. Use hammer to securely tap T-Nuts into holes.
3. Turn board over and place Top Plastic Caps over the tapped T-Nuts.  
(NOTE: Top Plastic Caps have solid core center)
4. Place 1 Washer in center of Top Plastic Cap.
5. Use Panhead Screws to secure Top Plastic Caps. Turn Panhead Screw until it is tight against the Washer and Top Plastic Cap.
6. Place Coil Springs in Top Plastic Caps, and place Bottom Plastic Caps on opposite end of Coil Springs  
(NOTE: Bottom Plastic Caps have a hollow core center)
7. Press down hard on Bottom Plastic Caps to "snap" Coil Springs securely into position.

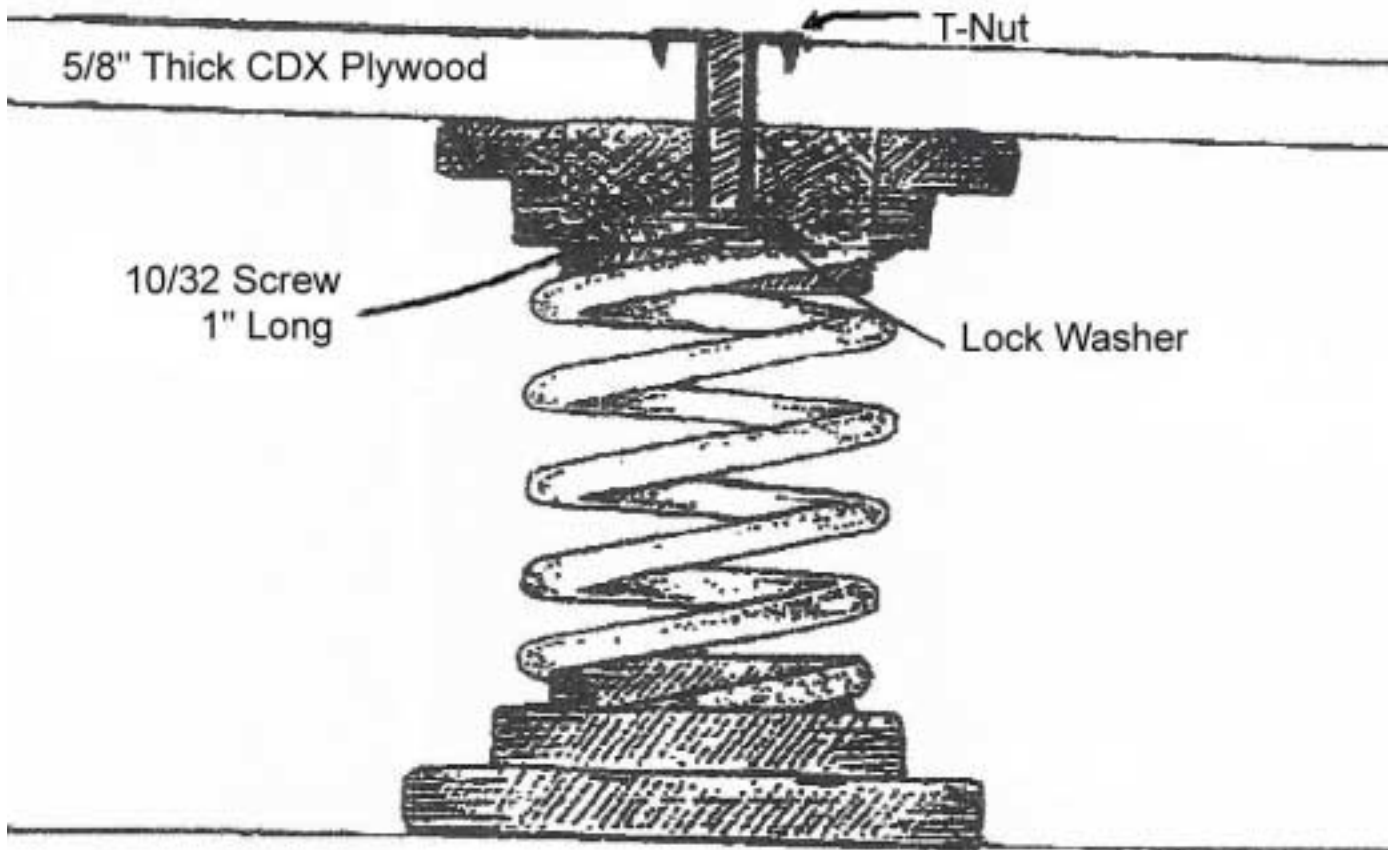


## Installing the Over Layment Top Panels to the Bottom Panels of a 42' X 42' Floor

Start in the upper left hand corner with a 2' X 6' panel. Make sure that the bottom panels are butted together before screwing down the over layment top panels to the bottom panels. When securing the upper panels into position to the bottom panels, make sure that all screws are located at least 12" in from the outer edges of the bottom panels.

These over layment top panels can also be secured with Velcro





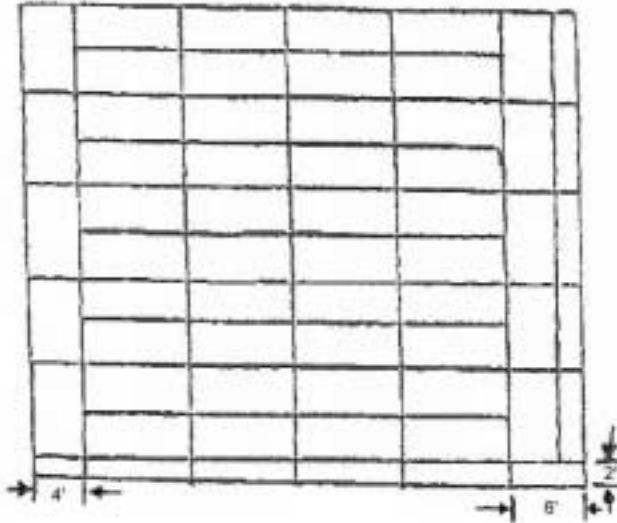
## 42' X 42' Tumbling Floor

Requires: 55 Sheets of plywood 4'x8' 5/8" thick and 1 sheet 2'x4'  
With 5 sheets to be cut in half to make 10 sheets 2'x8'

### 1935 SPRING ASSEMBLIES

**Sketch A:** Shows the layout pattern for the 55 sheets of plywood plus one sheet 2'x4'

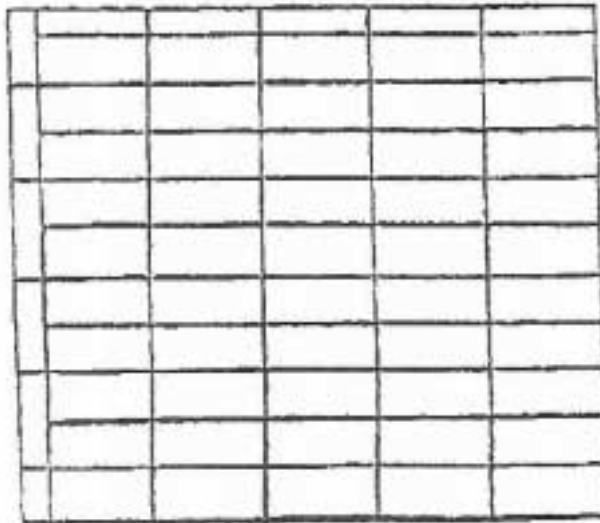
**Bottom Layer**  
5/8" thick  
CDX Plywood



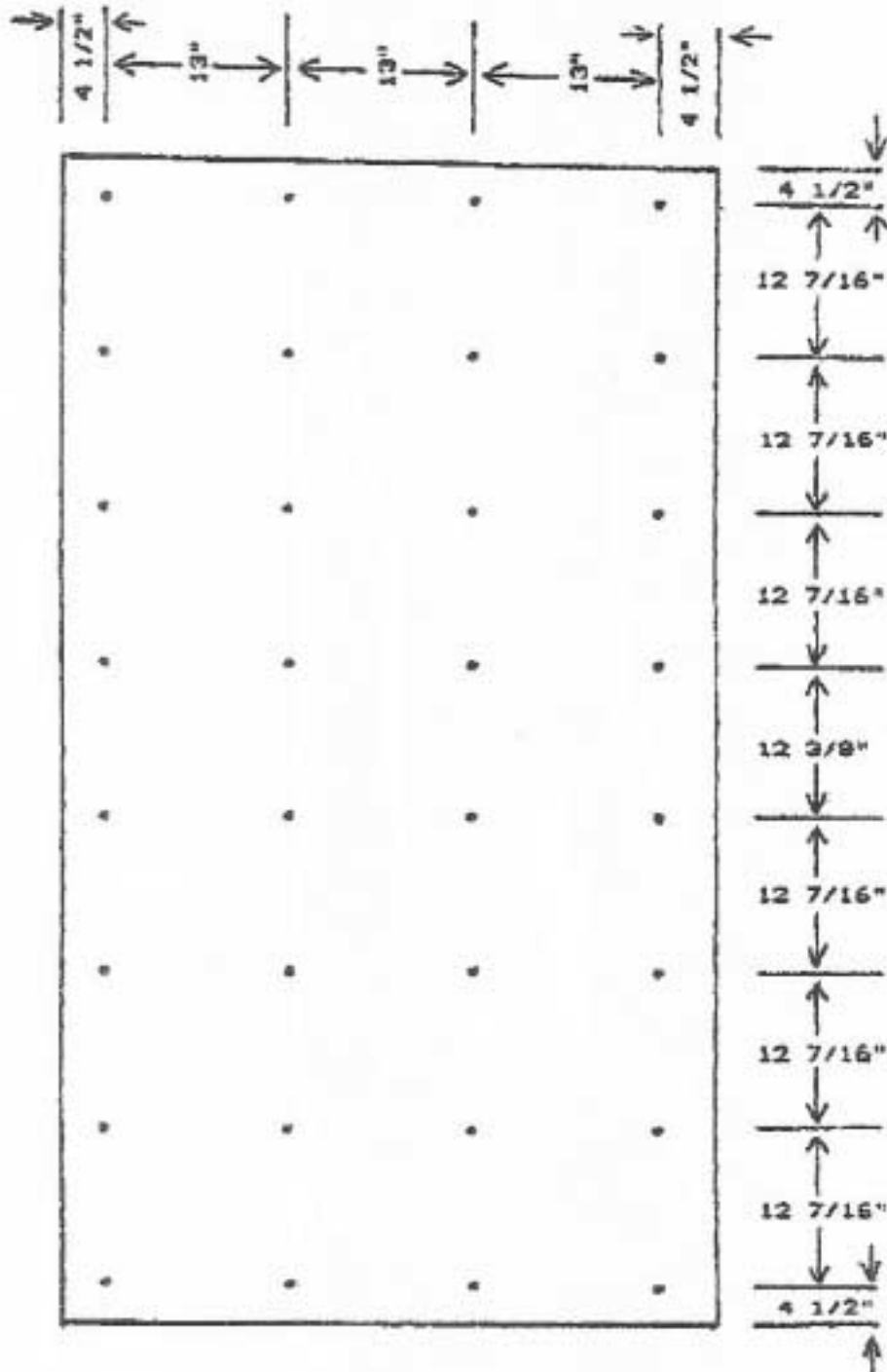
Requires: 55 Sheets of plywood 4'x8' 1/2" thick and 1 sheet 2'x4' 1/2" thick  
With 5 sheets to be cut in half to make 10 sheets 2'x8'

**Sketch D:** Shows the layout pattern for the 55 sheets of plywood plus one sheet 2'x4'

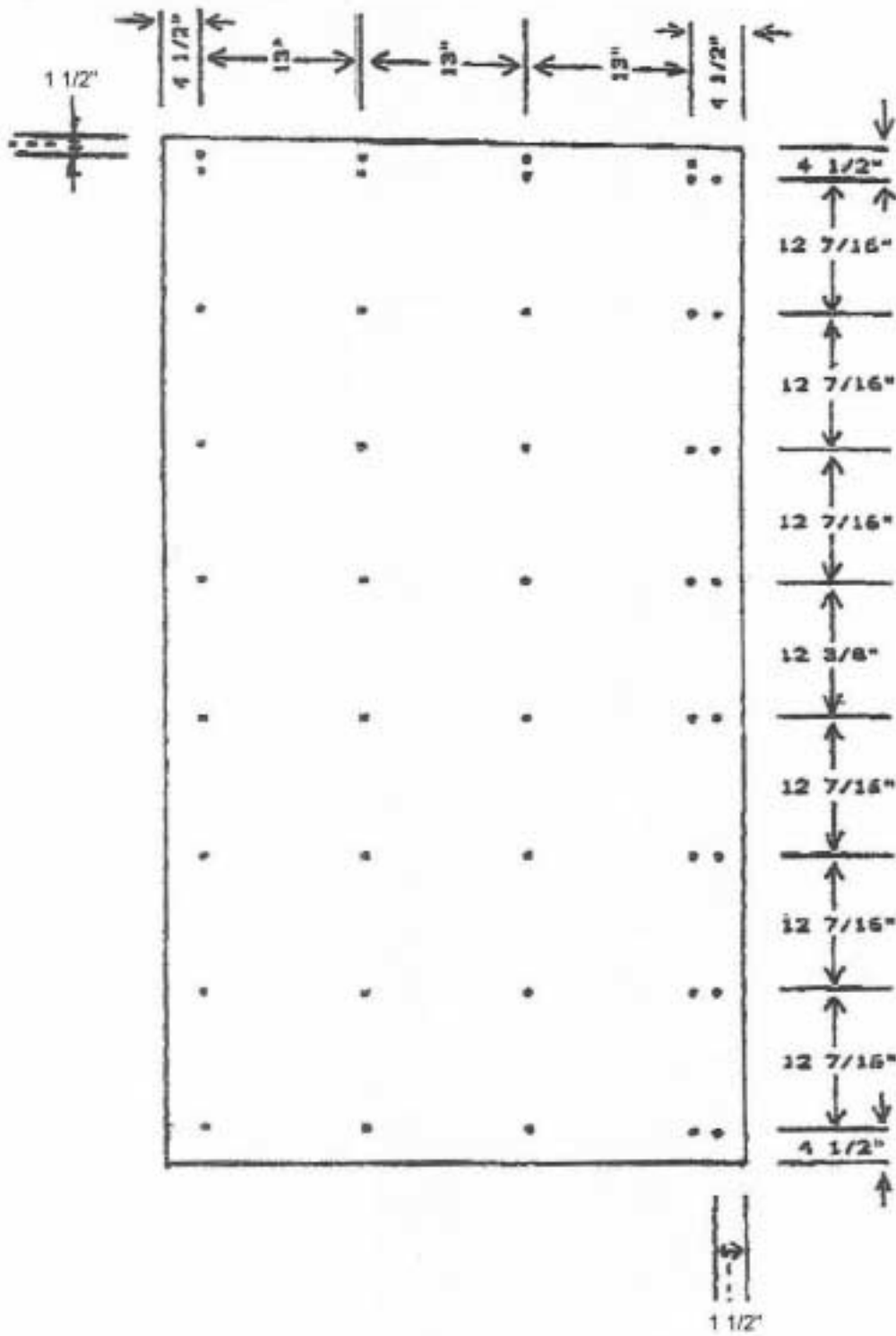
**Top Layer**  
1/2" thick BCX plywood  
(preferred)  
or  
1/2" thick OSB



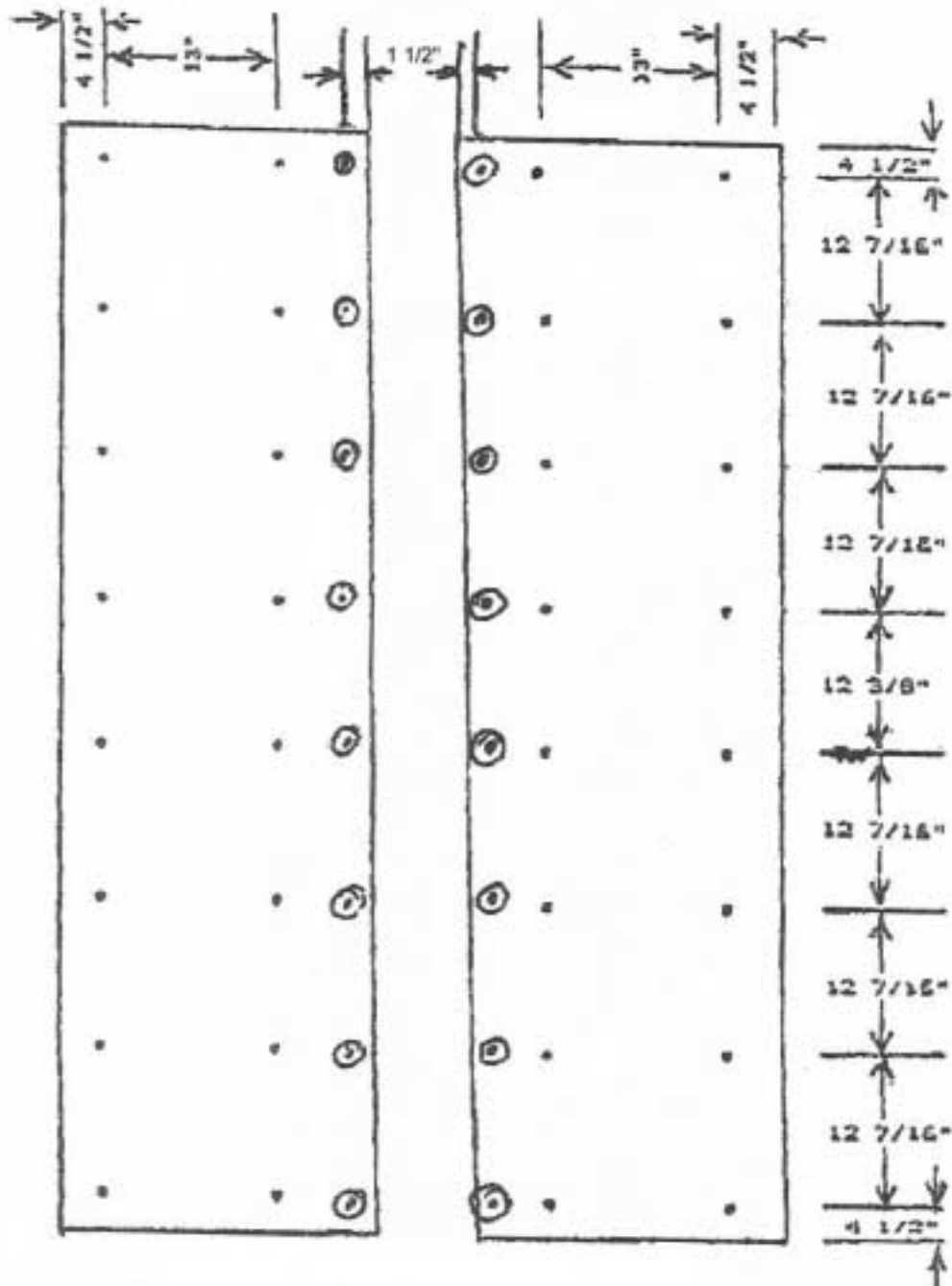
## Internal Boards



## External Boards



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5 Sheets of plywood 4'x8' 5/8" thick  
to be cut in half to make 10 sheets 2'x8'

Springs to be added where necessary on above boards. To be mounted  
1 1/2" from the outer edge of the tumbling floor