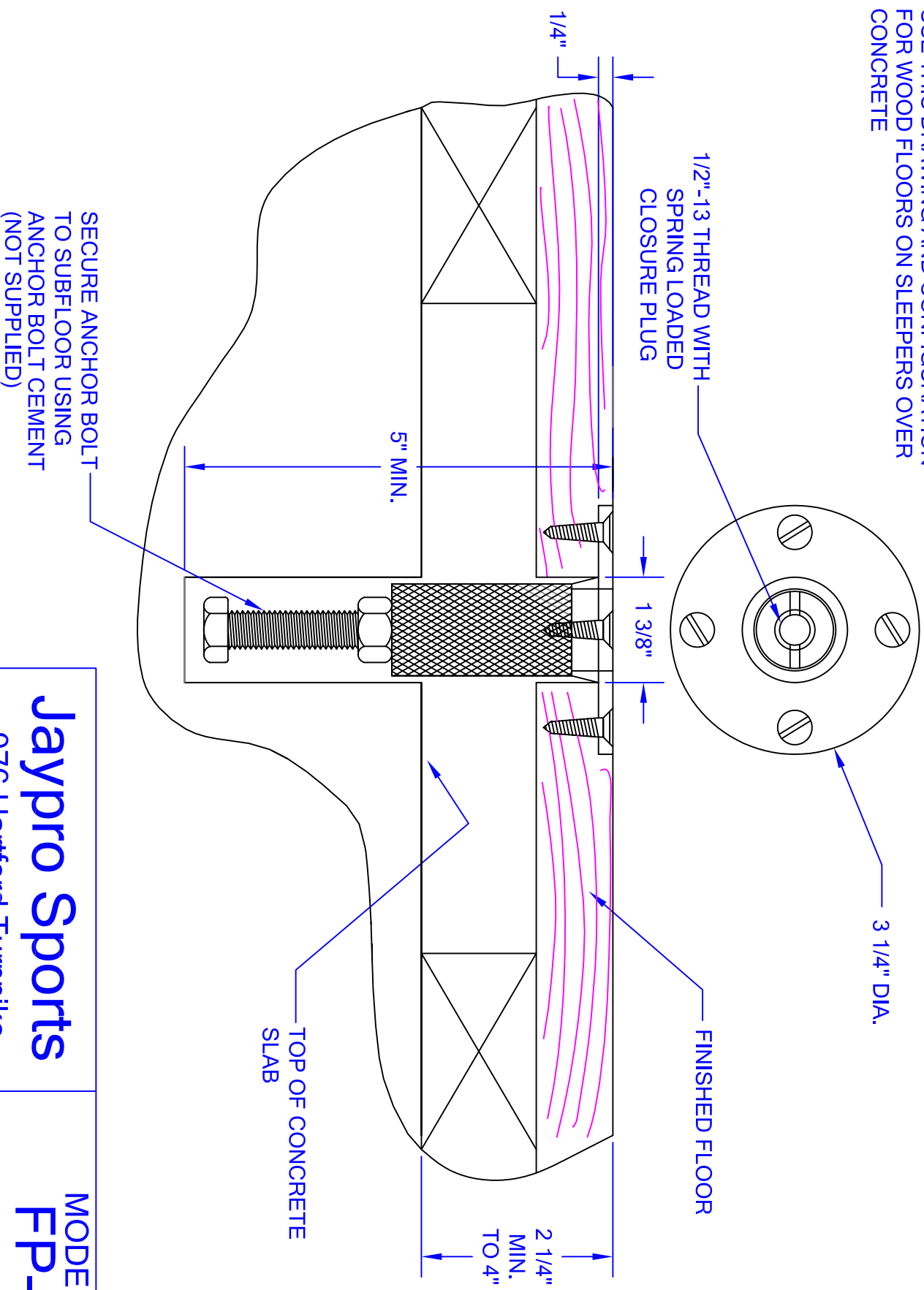


USE THIS DRAWING AND CONFIGURATION FOR WOOD FLOORS ON SLEEPERS OVER CONCRETE



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MODEL NO.:
FP-89

PRODUCT NAME:
FLOOR PLATE

DRAWN BY: JAC

EFFECTIVE DATE:
 3-18-05

JAYPRO SPORTS
FLOOR PLATE ASSEMBLY, FP-89

LIST OF MATERIALS

<u>PIECE NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	FP891	Floor Plate Assembly	1
2	FP891A	Flat Head Tapping Screw #14 x 2"	4
3	HS2726	Hex Head Bolt 1/2"-13 x 2 1/2"	1
4	HN704	Hex Nut 1/2"-13	1

ASSEMBLY INSTRUCTIONS

TOOLS REQUIRED: Hammer Drill

1 3/8" Masonry Drill Bit

Mixing Container and Water

Small Vacuum Cleaner

Stiff Circular Brush (bottle brush)

Putty Knife or Scraper

Rag or Other Absorbent Material

Regular Power Drill

1 3/8" Wood Drill Bit

5/32" Drill Bit

Router

Screwdriver with Wide Blade

1/2" Bolt

3/4 lb. (Approx) Non Shrink Anchoring Cement

NOTICE

The FP-89 floor plate assembly is manufactured with a removable center section, which can be replaced in the event that the internal threads are damaged. Upon original installation of the floor plates or replacement of the threaded sections, be sure that the replacement-threaded sections are installed very tightly using a thread-locking sealant to prevent easy removal or tampering.

**PLEASE READ INSTRUCTIONS IN THEIR ENTIRETY
BEFORE BEGINNING INSTALLATION**

- 1) Locate and mark the center locations of the floor plates using the layout diagram in the equipment instruction sheet. Re-check all center locations for accuracy before installing the floor plates.
- 2) Using the 1 3/8" wood drill bit, drill a hole in the wood floor and the wood sub floor down to the concrete base.
- 3) Drill a counter-bored hole 3 1/4" with a depth of 1/4". This may be done by using a router and a template. A template can be made from a masonite or a thick piece of plastic. Make a hole in the template material so that when the router is used with it, the counter-bore diameter is 3 1/4". Use a scrap board for practice and checking the outcome of the hole before cutting the actual surface.

- 4) Center the template over the 1 3/8" diameter hole. When making the counter-bored hole, keep pressure on the template at all times. This will keep the template from slipping and the wood floor around the hole from splintering. Do not set the depth of the router at 1/4" immediately. Gradually work down to the depth at which the floor plate is just flush with the surface of the floor. Check the depth by placing the floor plate into the hole several times to be sure that the hole is not too deep. When installed, the floor plate must be perfectly flush with the top surface of the floor.
- 5) Screw the 1/2" bolt with the nut into the bottom of the floor plate. Adjust the bolts so it will reach 1/2" to 3/4" from the bottom of the hole when the floor plate is in place. Tighten the nut against the floor plate bottom to lock the bolt into place. Tighten the nut against the floor plate bottom to lock the bolt into place. In some cases, the bolt supplied with the fp-89 unit will not reach to the bottom of the hole in the cement; if this happens, a longer bolt or threaded rod should be used to insure reaching the bottom.
- 6) Next, completely remove the dust from the hole by using a vacuum cleaner, air compressor, or battery filler.
- 7) Fill the hole with water. Scrub the sides and bottom with a stiff brush, such as a bottlebrush. This is very important.
- 8) Remove excess water and any loose particles with a rag or other absorbent material. Leave the hole clean and uniformly damp.
- 9) Mix the anchor bolt cement in a clean container.

Note: See manufacturers instructions for proper use.

Do not add sand, gravel, or other foreign substances to the cement. These weaken the cement and affect the setting.

Do not add too much water or re-temper cement, which has begun to set up, in the container with additional water. This will result in failure of the cement to attain the proper strength.

- 10) Turn a 1/2" bolt into the floor plate enough to hold it securely. Pour the cement mixture into the hole until it is about 3/4 full. Dip the floor plate into water in order to wet the outer surface, but do not let any water get inside. Holding the floor plate by the 1/2" bolt, slowly lower it into the hole until the top plate is seated properly. The top of the plate should be flush with the floor. Excess cement should flow around the top plate. If not, more cement should be added. Scrape the excess cement from around the floor plate with a putty knife or scraper. Remove the 1/2" bolt.
- 11) Using a 5/32" drill bit, drill four holes in the wood floor, 2 1/8" deep to receive the tapping screws. Use the four holes in the top of the plate for guide holes for drilling. Turn the wood screws in making sure that they are straight and seated properly.
- 12) Allow 24 hours from time of installation for complete setting. After 24 hours, apparatus may be set up and used with the floor plates.