

POWERPLAY PANEL FB

General Installation Guide

The following installation details are provided as a supplement to Installation Instructions and Specification for the “PowerPlay Panel FB” athletic floor system.

1. After placing the vapor retarder on the concrete slab in the usual manner, begin by rolling out the foam blanket parallel to the flooring direction, keeping side and end edges abutted tightly.

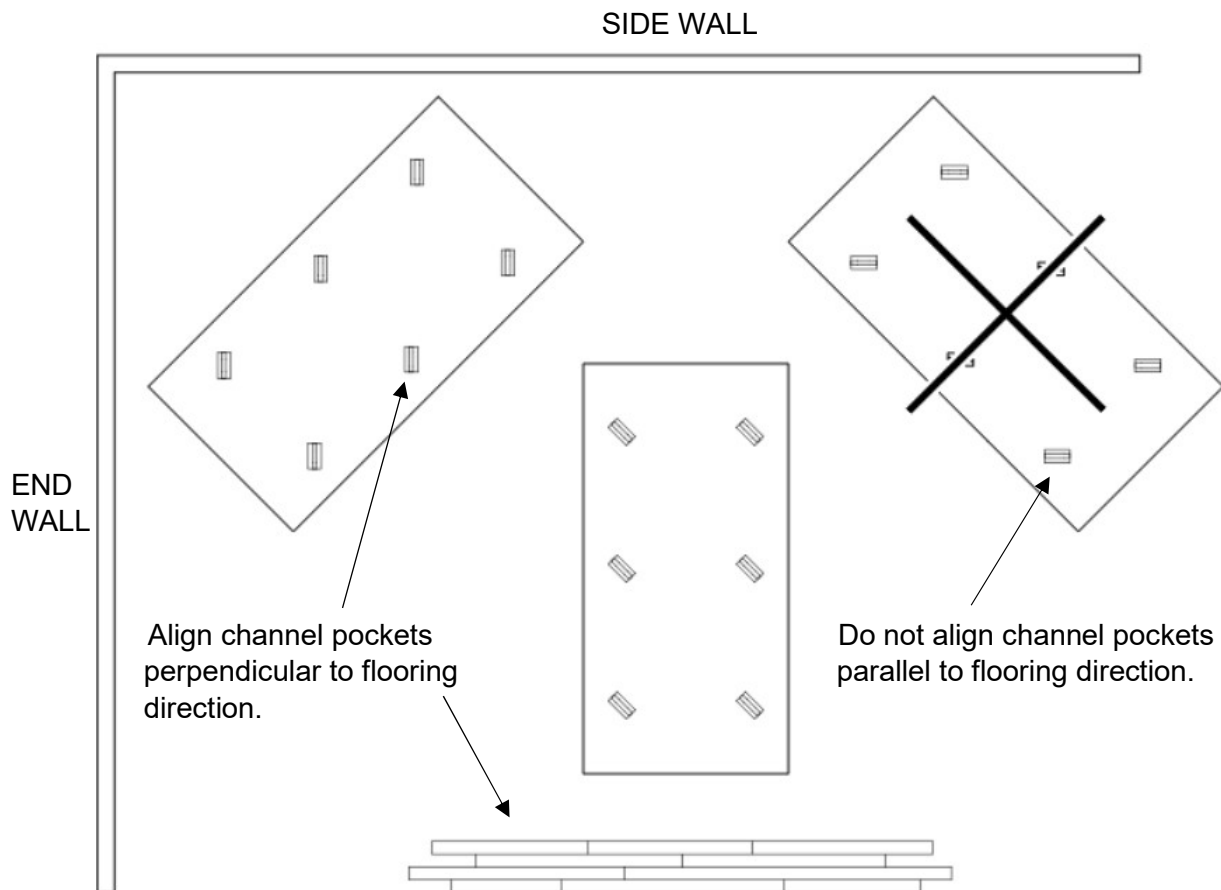


FIG. A

2. As shown above install PowerPlay Panel subfloor panels diagonally to finished flooring direction on top of the full blanket layer of foam with channel pockets aligned perpendicular to the flooring direction.

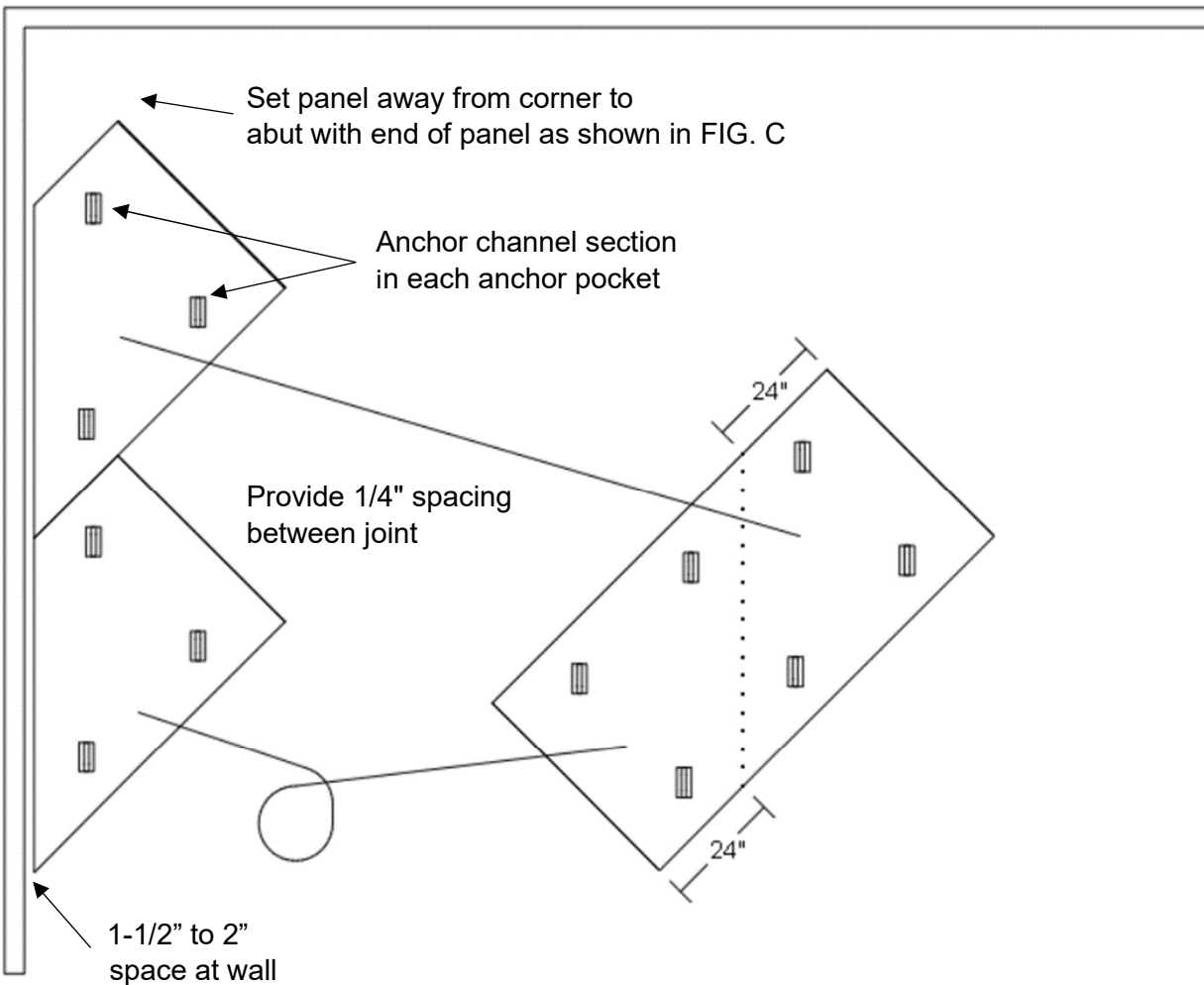


FIG. B

3. Cut panel as shown above to provide sections to start each row.
4. Provide 1-1/2" to 2" expansion spacing between subfloor panel edges and perimeter walls, and all vertical obstructions.
5. Attach panel to concrete substrate by installing steel channel section in each channel pocket and securing with one anchor pin until underside of flanges are in sound contact with subfloor. Provide equal spacing of approximately 1-1/2" between channel ends and pocket end edges.

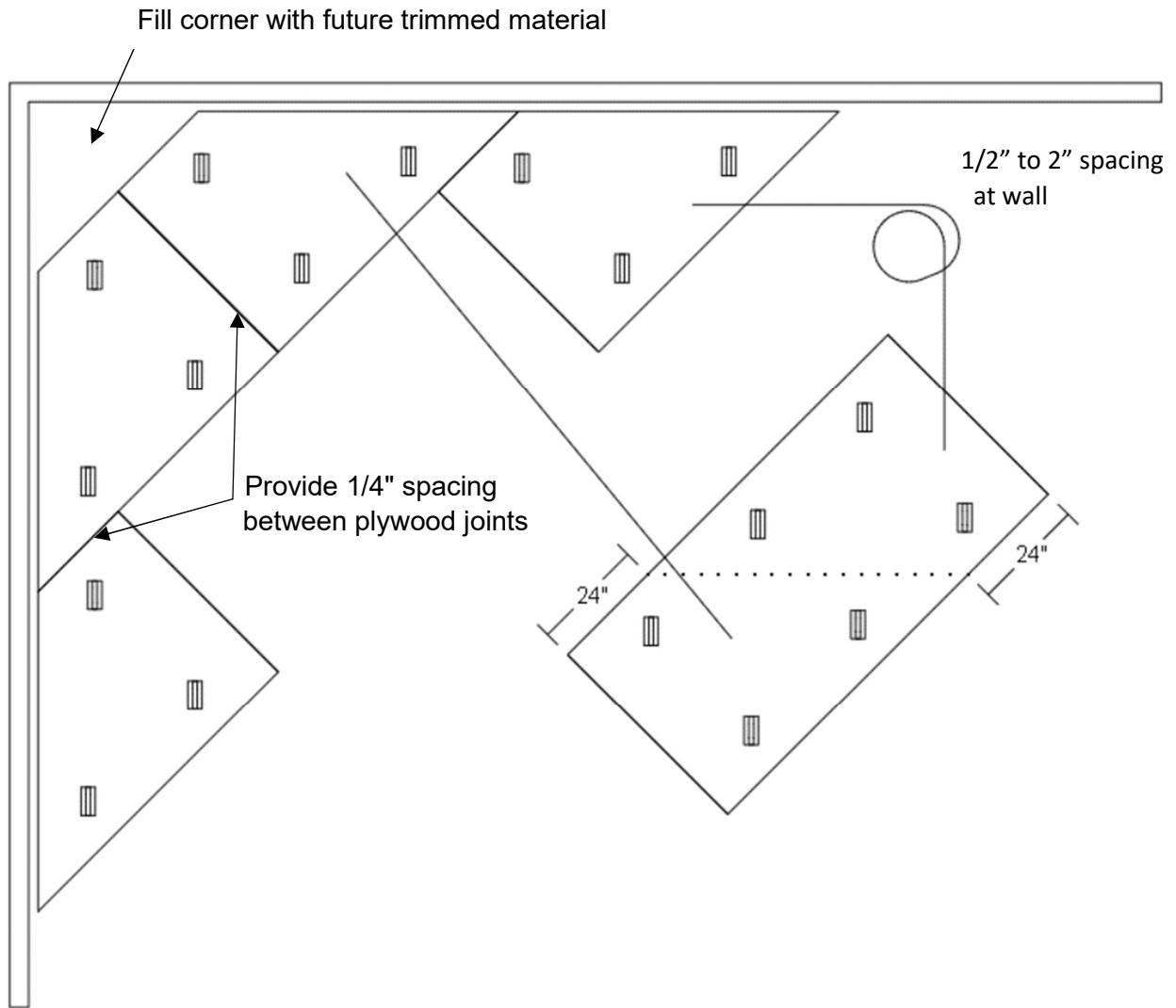


FIG. C

6. Cut panel as shown above to complete subfloor rows.
7. Provide 1/4" spacing between all plywood joints and 1-1/2" spacing between plywood edges and walls and all vertical obstructions.
8. Attach all panels to concrete substrate by installing steel channel section in each channel pocket and securing with one anchor pin. Provide equal spacing of approximately 1-1/2" between channel ends and pocket end edges.
9. Use future trimmed material when available to fill corner.

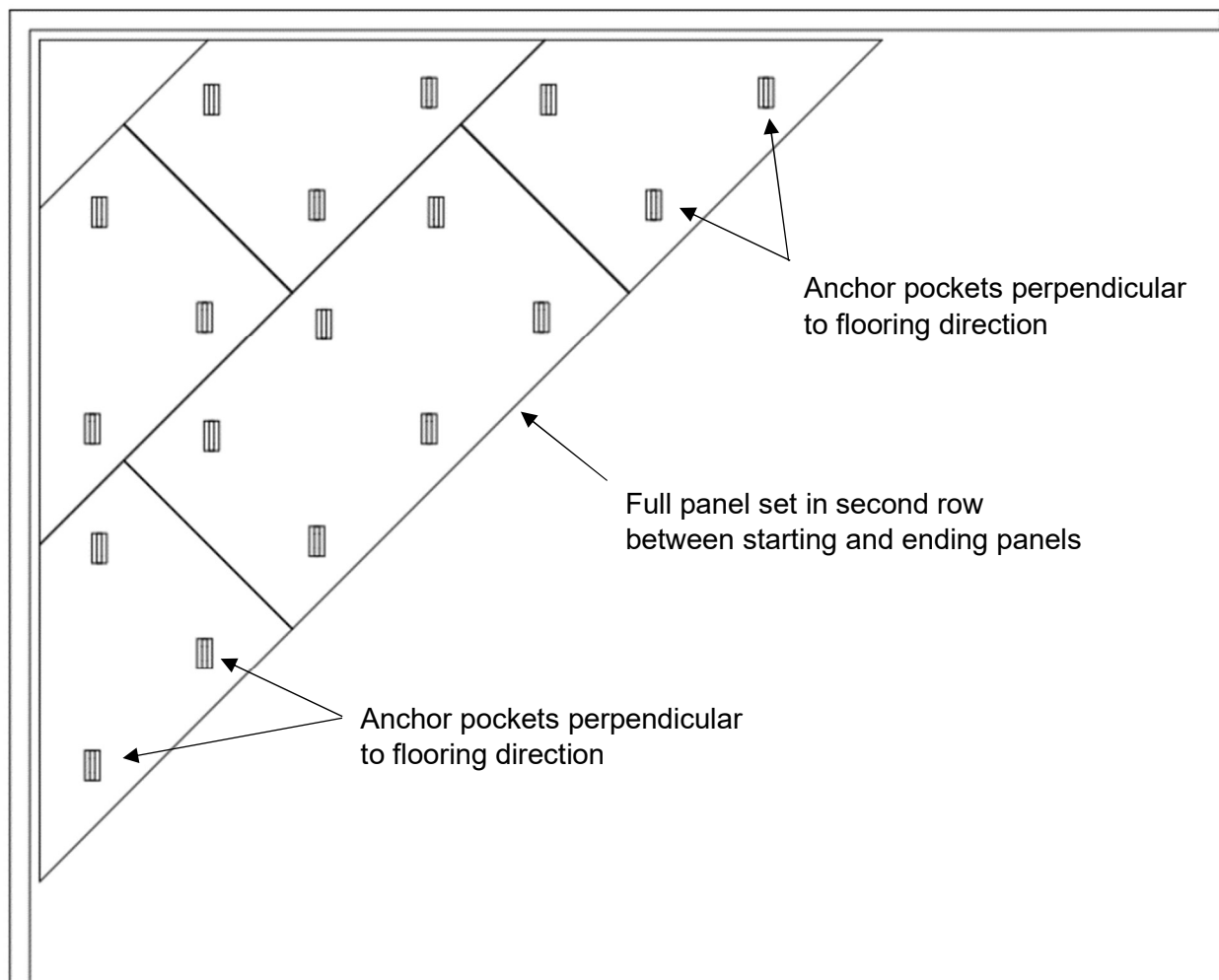
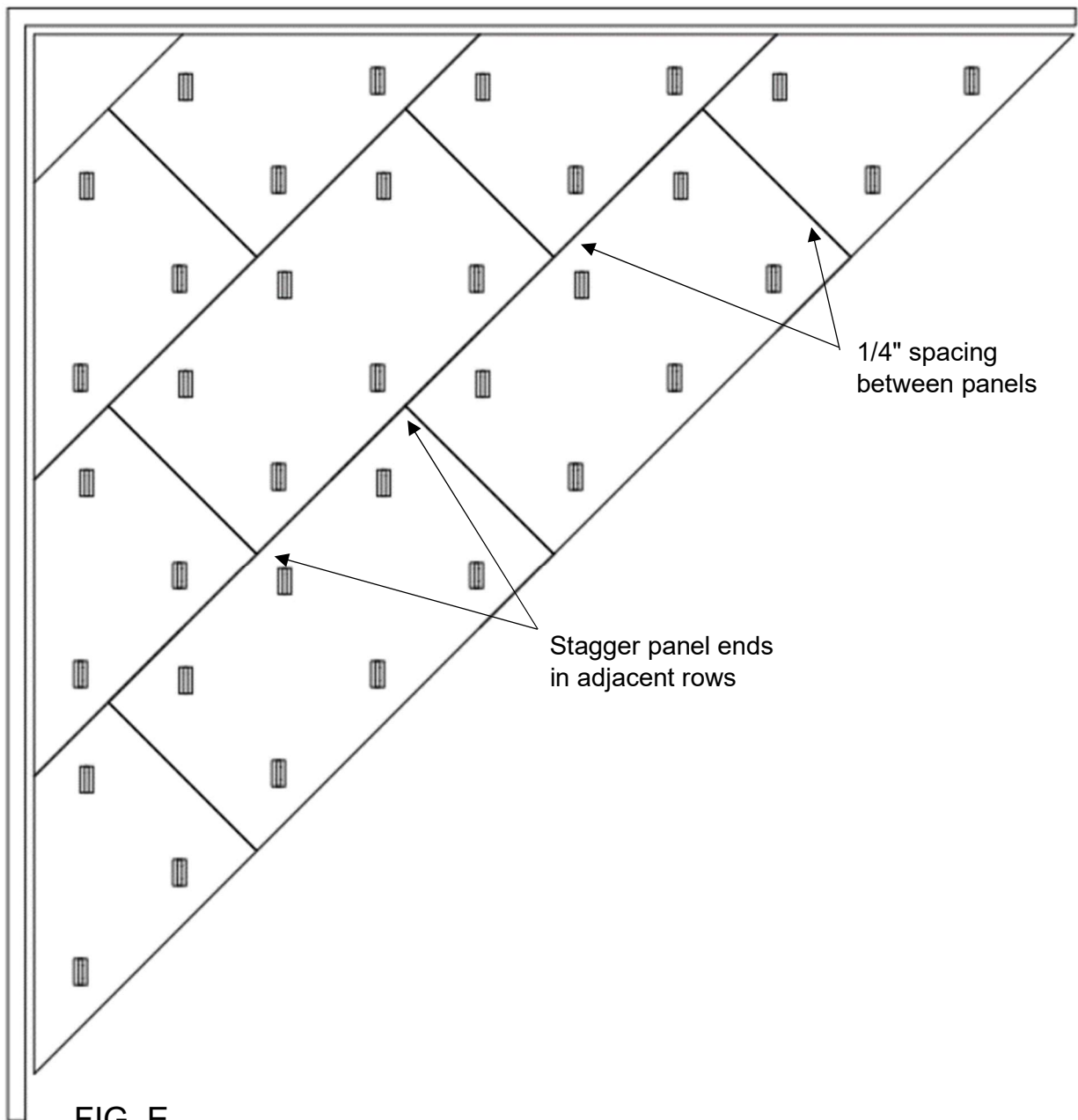


FIG. D

10. Use full panel between starting and ending panels to complete second row.
11. Assure that starting and ending panels are positioned with anchor pockets aligned perpendicular to flooring direction.
12. Maintain 1-1/2" to 2" spacing between panel edges and walls and all vertical obstructions.
13. Provide 1/4" spacing between all panel edges.



14. Complete each row with full panels and maintain a staggered brick pattern throughout. Adjust starting and ending panels accordingly when reaching other walls and provide minimum 24" offset spacing between panel ends in adjacent rows if required to limit waste material.
15. NOTE: Partial panels can be used to complete or start rows to reduce waste as long as panel end joints are offset by minimum 24" in adjacent rows.
16. IMPORTANT: Along with this guide, all other "PowerPlay Panel" installation and specification instructions should be followed.