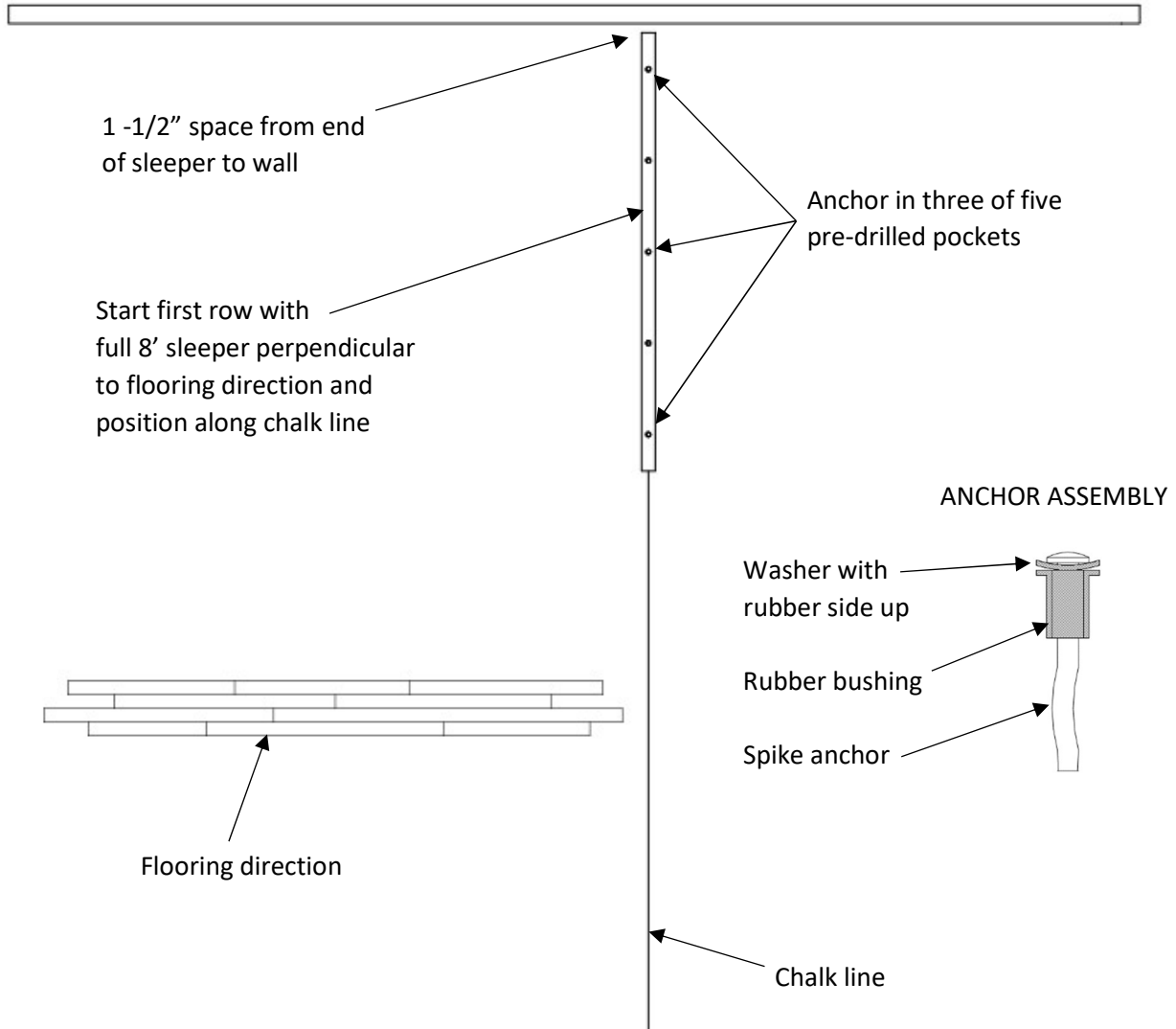


The following installation details are provided as a supplement to Installation Instructions and Specifications for the Aacer “Anchored PowerLoc” athletic floor system.

1. Align first sleeper with chalk line as shown below. The inclusion of a semi-clear surface vapor barrier/retarder can allow identification of chalk line when snapped directly on the concrete surface rather than on top of the vapor retarder.

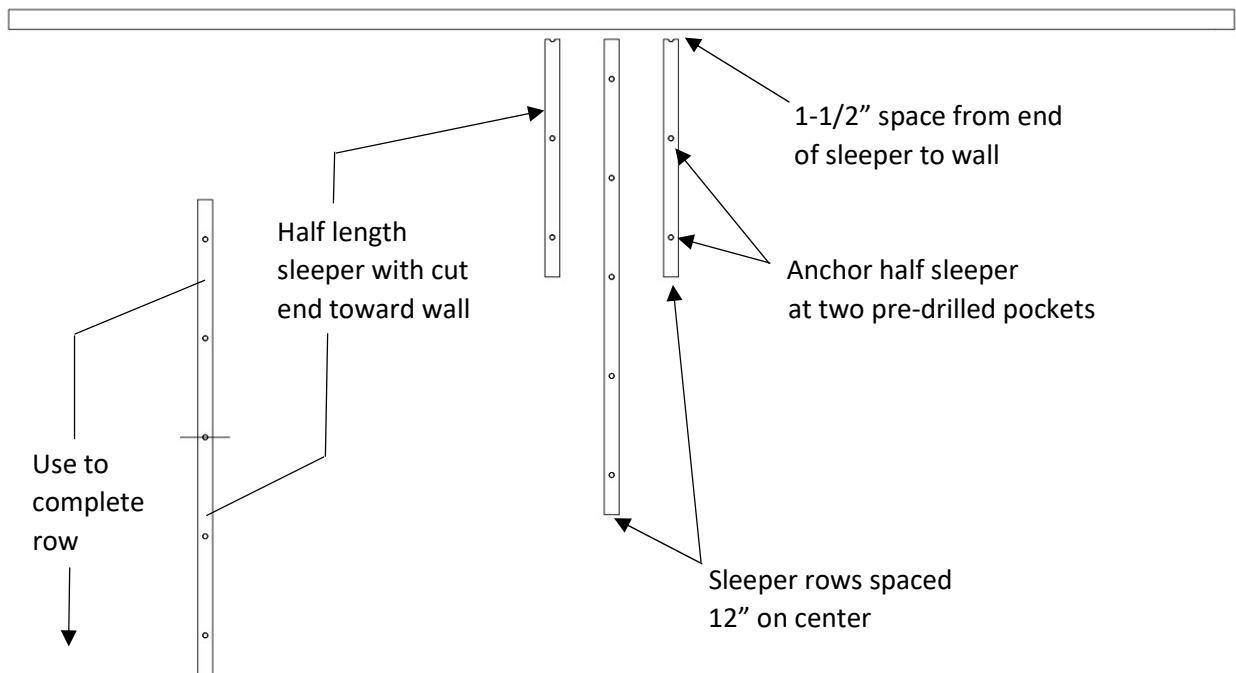


2. As illustrated above, provide concrete anchor assemblies in two pre-drilled end and center pocket locations (three total). Drill with 1/4" masonry bits and use steel “True Set Block” to drive anchors to the correct depth.
3. Note: Place rubber bushings in anchor pockets prior to drilling to improve centering and straightness of concrete penetrations
4. Provide 1-1/2" spacing from sleeper ends at walls and all vertical obstructions.

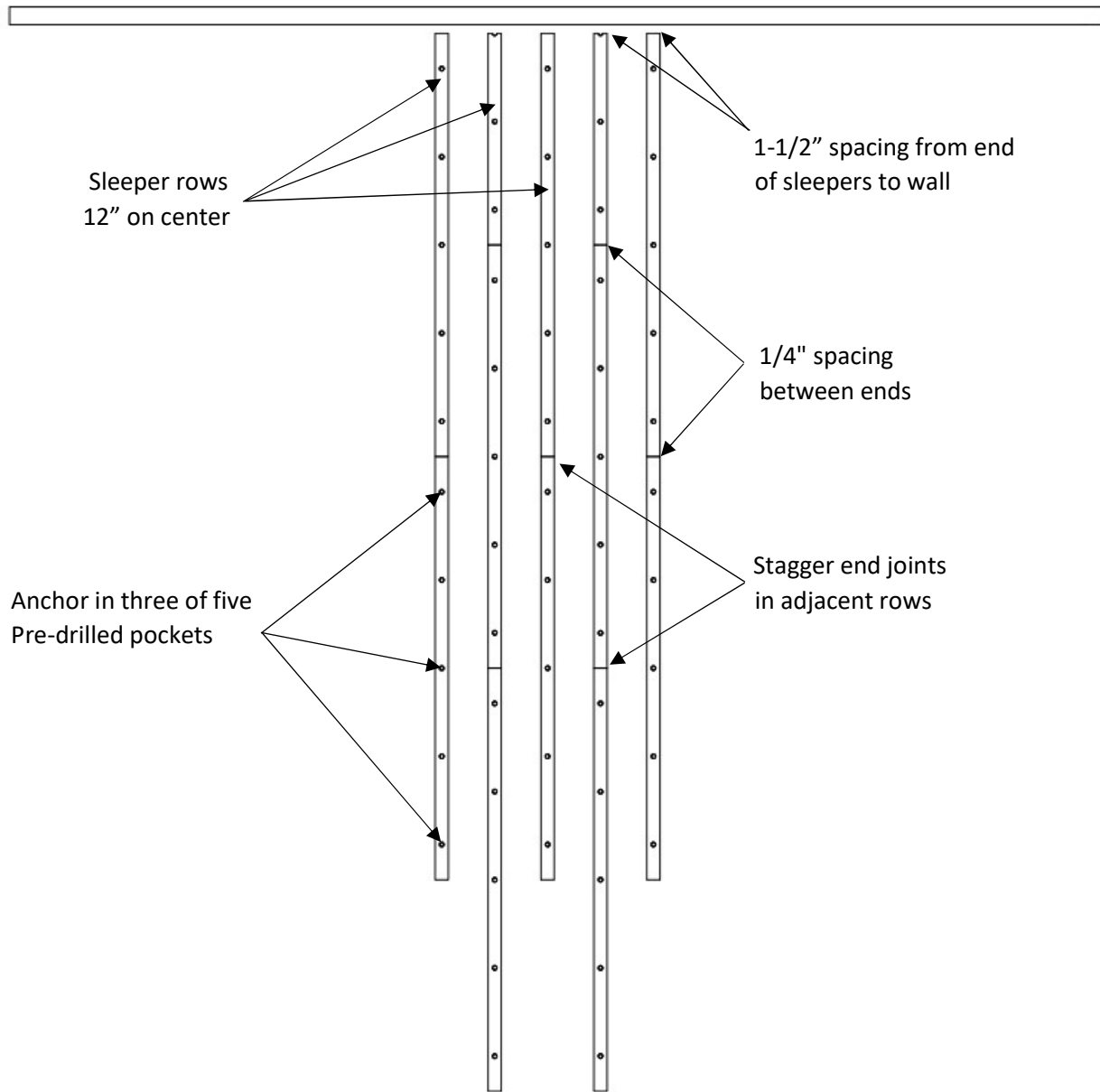
5. As shown below, start adjacent rows with half-length sleepers to create offset ends in alternate rows and space each row 12" on center from adjacent row.

NOTE: Follow same guidelines when optionally installing sleepers at 16" on center as when following these guidelines which shows sleepers at 12" on center.

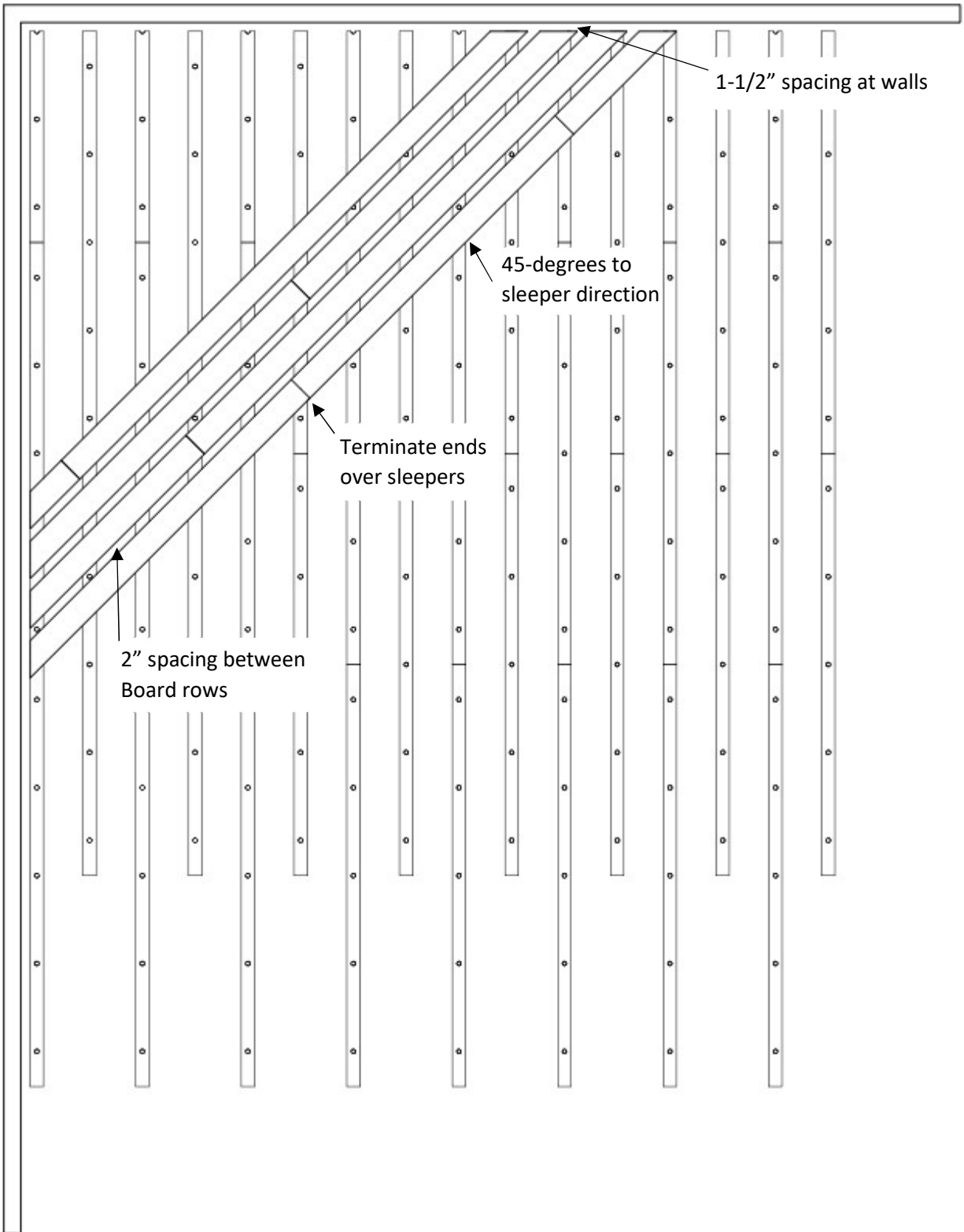
6. Place sleepers with cut ends spaced 1-1/2" from wall. Assure support of cut sleeper ends by including additional pads or blocking material if no pad support is available within 8" of cut sleeper ends.
7. Attach each partial sleeper to substrate with two concrete anchor assemblies.



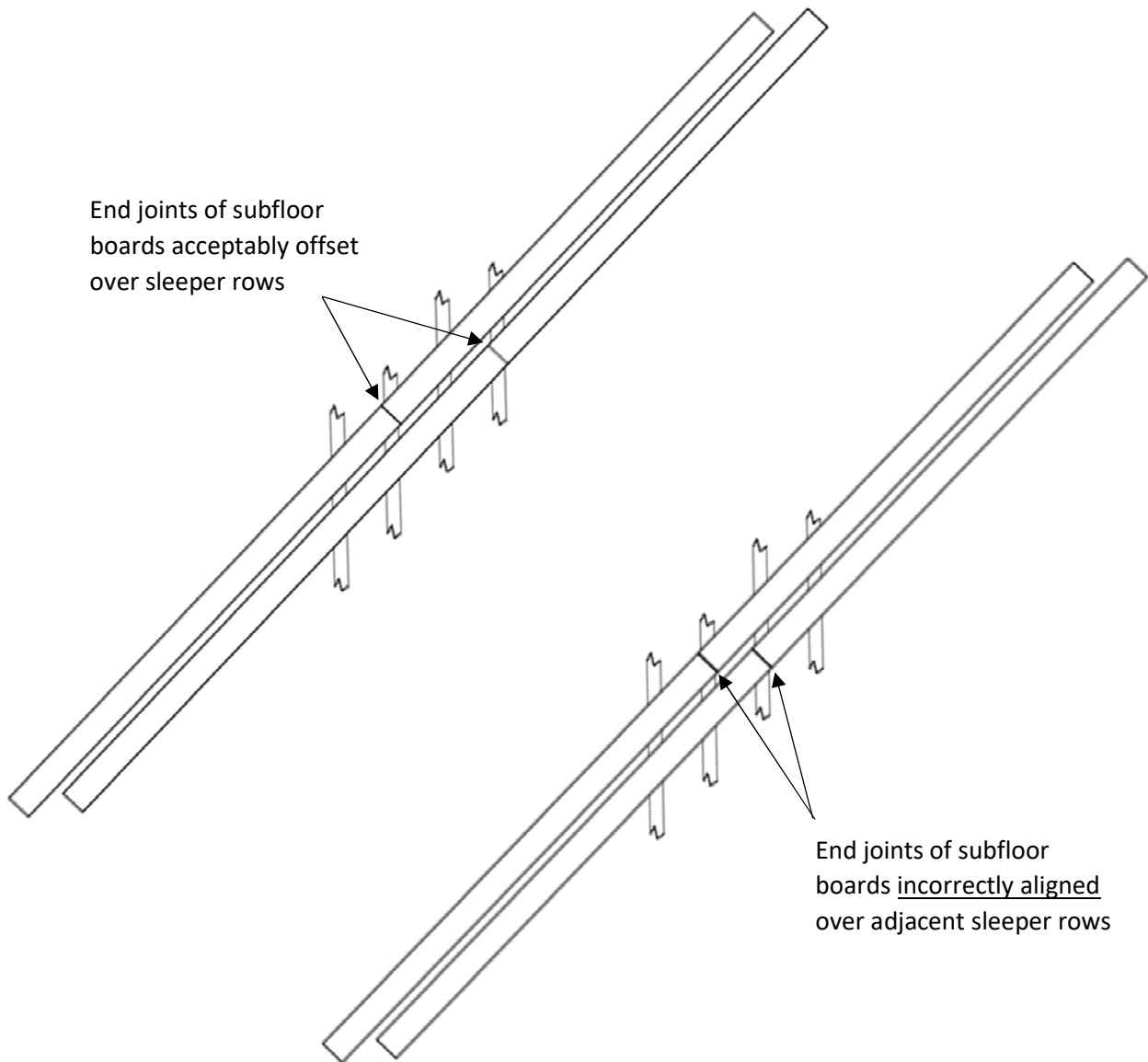
8. As shown on following page, complete sleeper rows with full sections providing 1/4" spacing between sleeper ends, and space rows 12" on center.
9. Maintain staggered sleeper pattern by offsetting ends in adjacent rows.
10. Provide three concrete anchor assemblies in each 8' sleeper with one at each pre-drilled end location and one in the center location.
11. Place cut end of half sleepers toward wall and include 1-1/2" of expansion between all sleeper ends and wall.



12. Install upper subfloor board rows as illustrated on the following page by aligning the first board row along a 45-degree line diagonally to sleeper direction.
13. Provide 2" spacing between adjacent board rows, 1/4" spacing between board ends, and 1-1/2" spacing at walls and vertical obstructions
14. Terminate board ends to rest fully on intersecting sleepers. Attach subfloor boards with two fasteners at each sleeper intersection, with four total fasteners where board ends meet.



15. As shown on the following page, do not align end joints of upper subfloor boards adjacent to each other over sleeper intersections.



16. End joints in adjacent sleeper rows can be offset by a minimum 24" to allow for limited waste as long as upper and lower end joints and anchor pockets are offset by minimum 12".

17. **IMPORTANT:** This installation guide is not a substitute for all other "Anchored PowerLoc" installation and specification instructions.