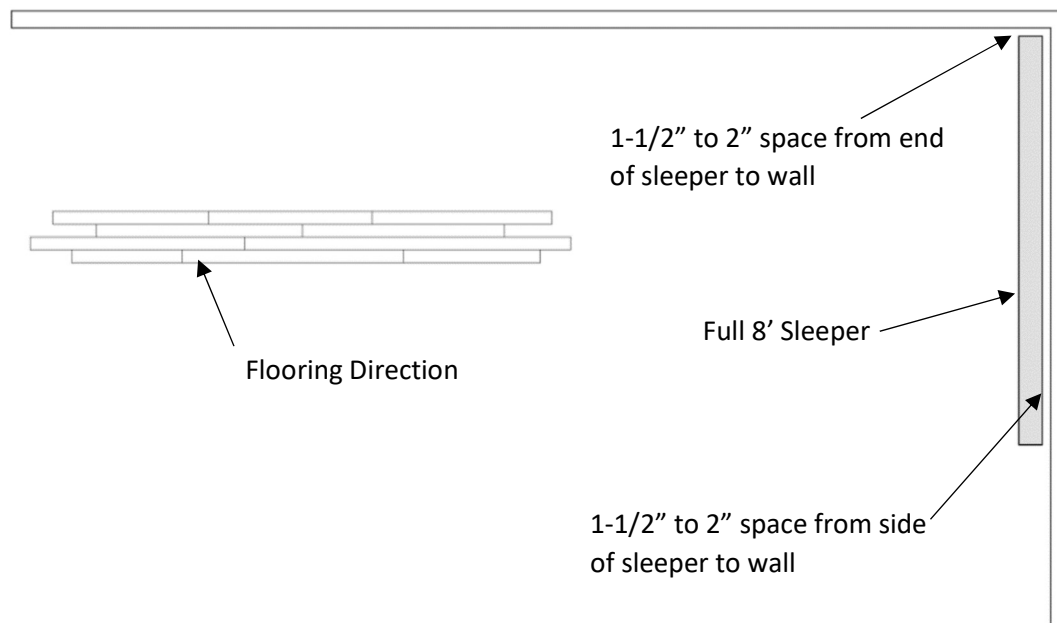
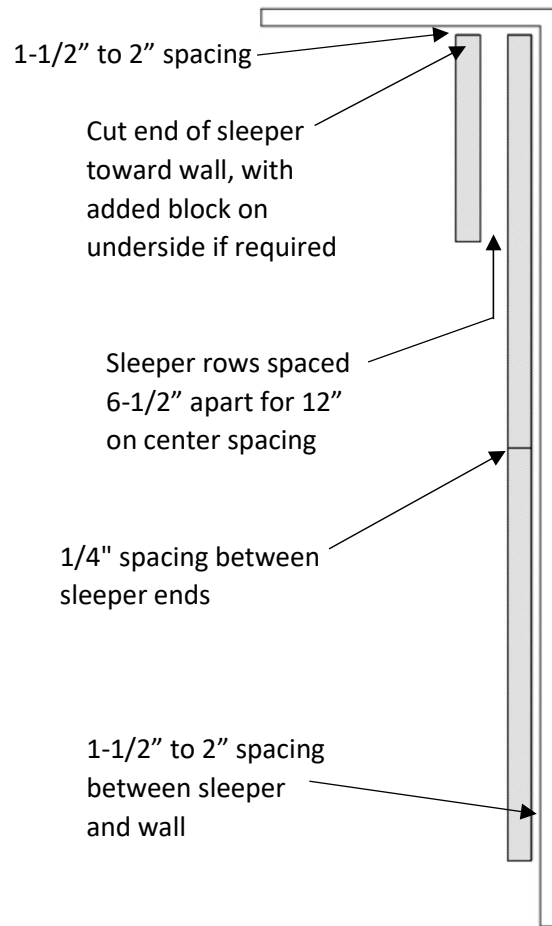


The following installation details are provided as a supplement to Installation Instructions and Specifications for the Aacer “ScissorLoc V-Hex AR” athletic floor system.

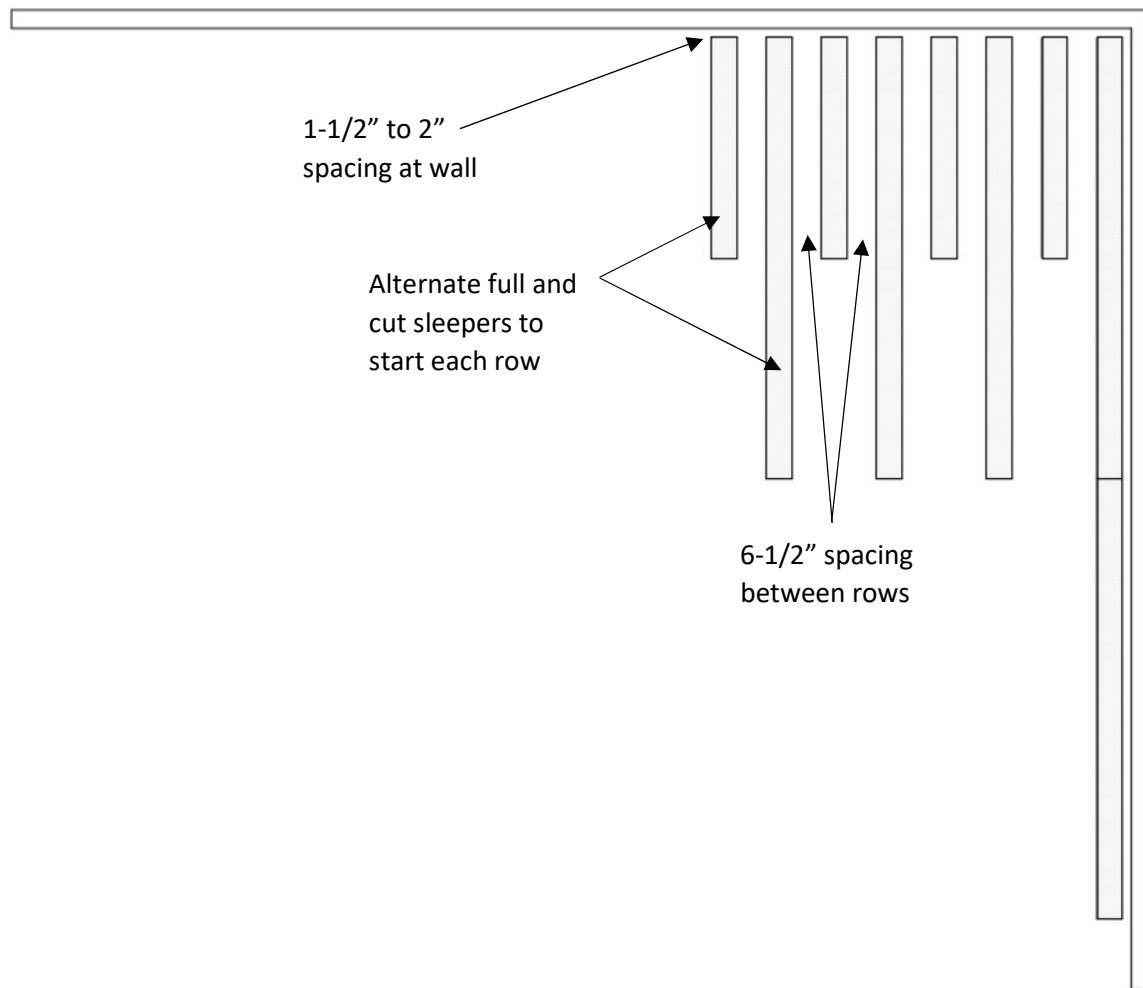
1. Start first subfloor row perpendicular to flooring direction with full length sleeper. Space end and side edges 1-1/2” to 2” from walls.



2. As shown on the following page, continue first subfloor row with full length sleepers.
3. Provide 1/4" spacing between sleeper ends and maintain 1-1/2" to 2" spacing between sleepers and side walls.
4. Start second subfloor row and all even numbered rows with half-length sleepers. Place cut end of sleeper toward wall and provide 1-1/2" to 2" spacing. Add 1/4" block on underside of sleeper if required for support at cut sleeper end.
5. Space second subfloor sleeper row and all sleeper rows 12" on center which can be accomplished using 6-1/2" temporary spacers between sleeper rows.

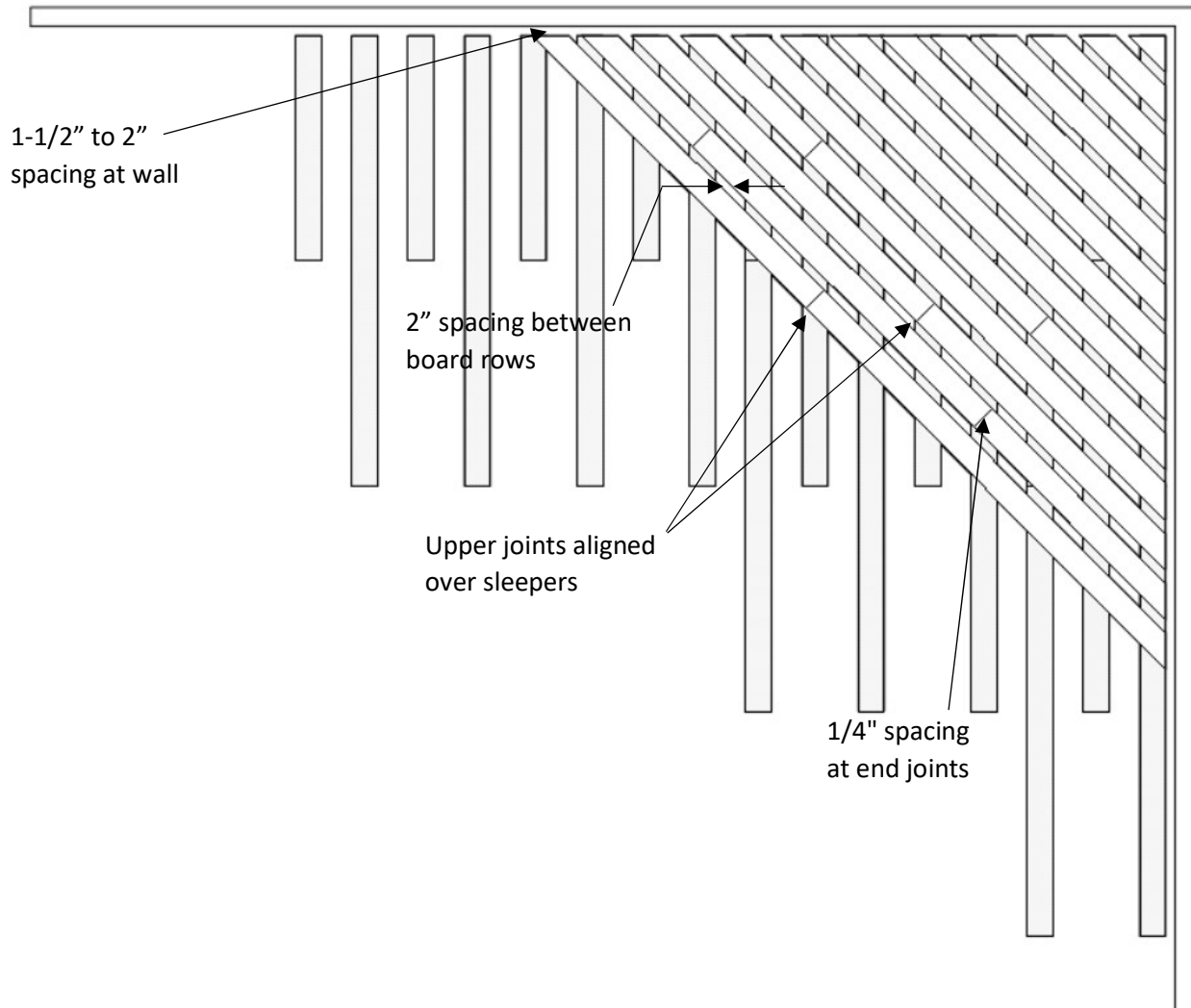


6. As shown on following page, alternate full and half-length sleepers when starting each row to create offset ends in adjacent rows.
7. Note: To improve yield, trimmed pieces from end wall can be used to start rows providing that sleeper ends offset be at least 24" in adjacent rows.
8. Place sleepers with ends spaced 1-1/2" to 2" from wall. Assure support of cut sleeper ends by including additional blocks if required.
9. Space each sleeper row 12" on center from adjacent sleeper row by providing 6-1/2" spacing between rows.

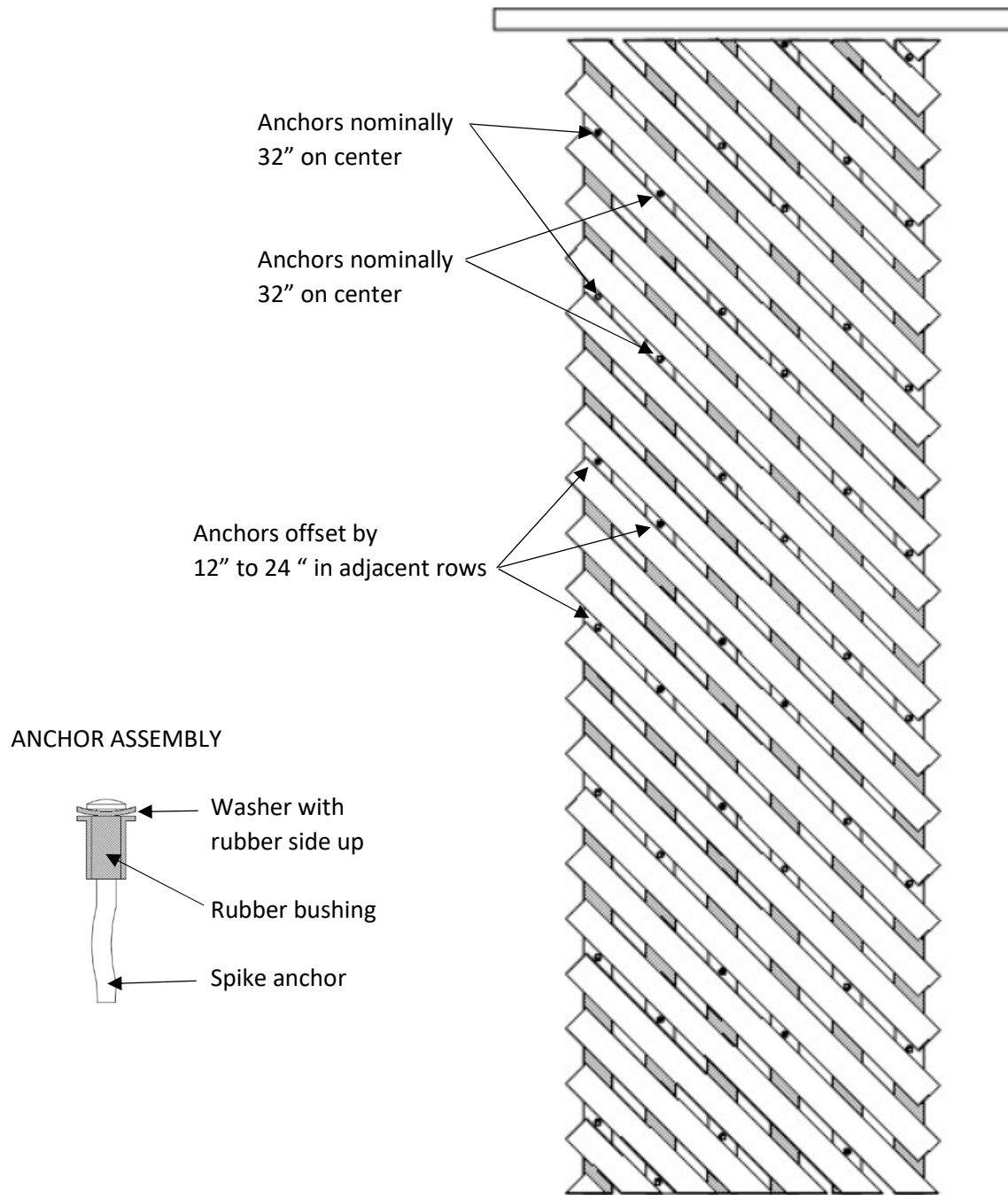


10. As shown on following page, install upper subfloor diagonally to sleepers with side edges spaced 2" in adjacent rows.
11. Maintain 1-1/2" to 2" spacing between subfloor and walls.
12. Terminate board ends to rest fully on intersecting sleepers. Attach subfloor boards with two fasteners at each sleeper intersection, with four total fasteners where board ends meet.
13. Provide 1/4" spacing between ends of upper subfloor boards.

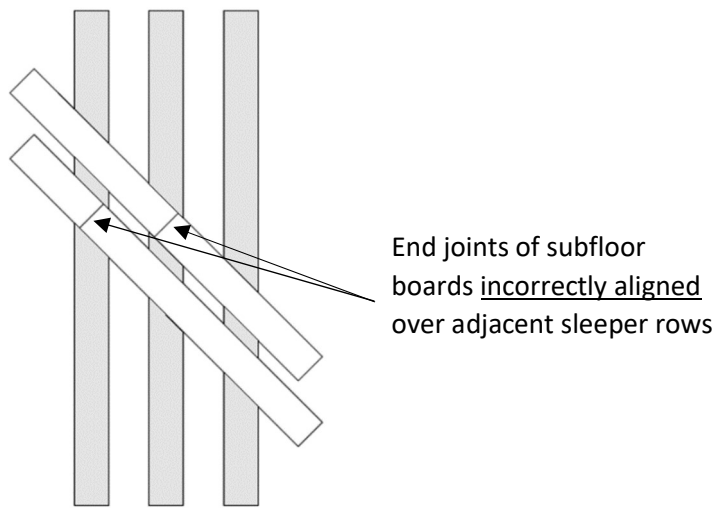
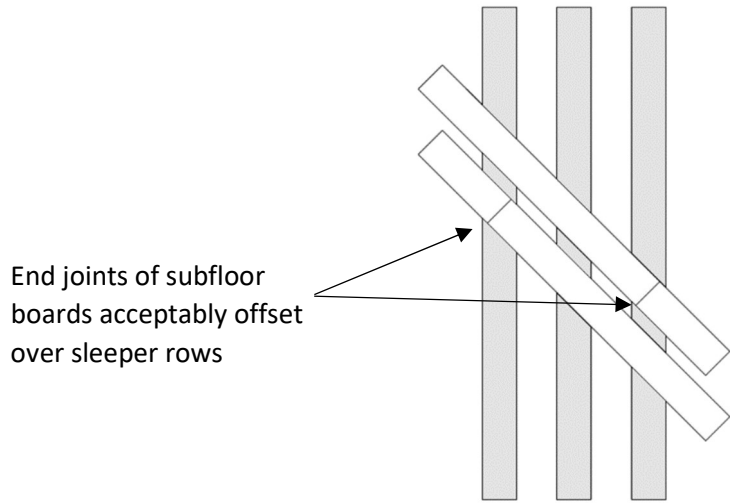
14. Place cut end of half sleepers toward wall and include 1-1/2" of expansion between all sleeper ends and wall.



15. Anchor subfloor as shown on the following page.
16. Provide anchors by first drilling 5/8" diameter holes through the bottom sleepers at nominally 32" on center in locations where spacing is available between upper subfloor board rows.
17. Offset anchor spacing by 12" to 24" in adjacent sleeper rows as shown in the illustration.
18. Install concrete anchor pin, rubber sealed washer, and rubber bushing as shown.
19. Note: Place rubber bushings in anchor pockets prior to drilling to improve centering and straightness of concrete penetrations
20. Drive pin until snug without overdriving.



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



22. IMPORTANT: This installation guide is not a substitute for all other “ScissorLoc V-Hex AR” installation and specification instructions.