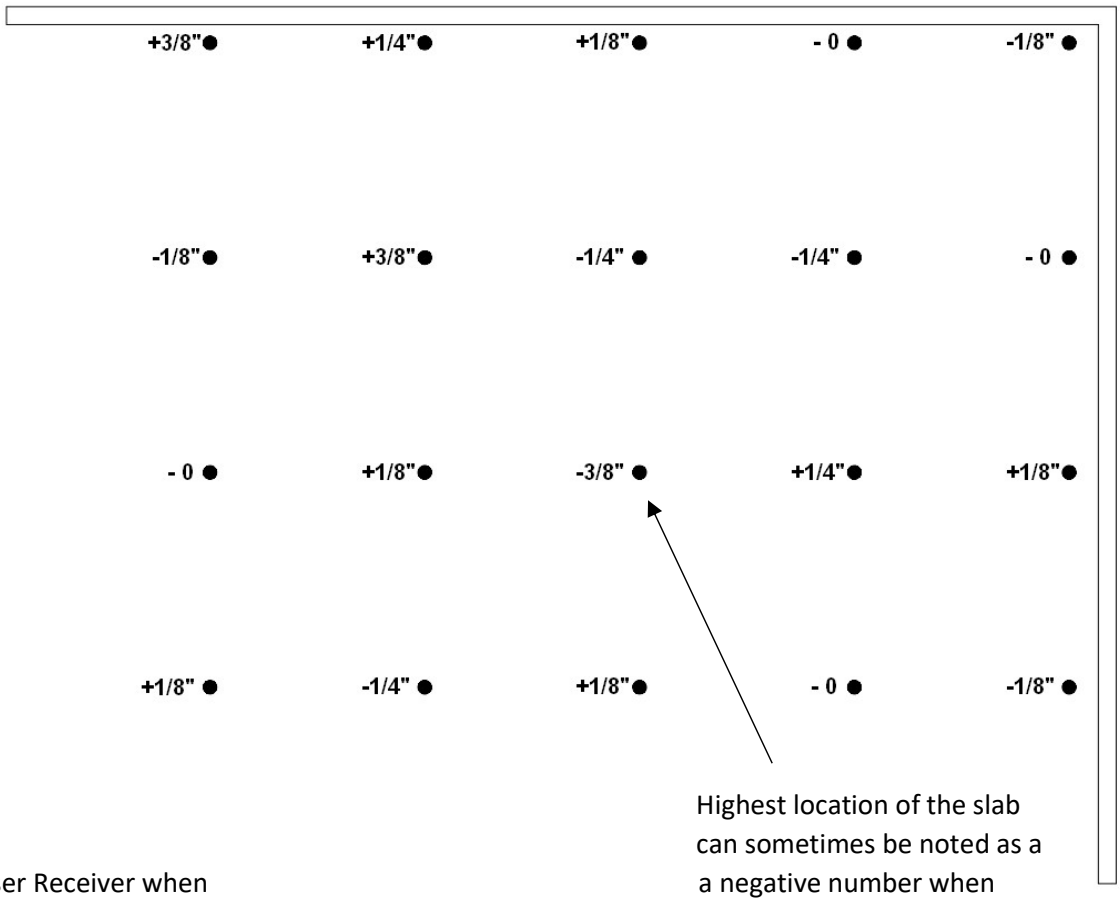
ReClaim III
General Installation Details

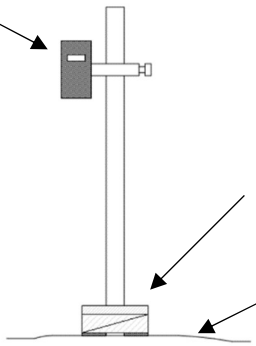
The following installation guide is provided as a supplement to Installation Instructions and Specification for the "ReClaim III" athletic floor system, all of which are to be followed to assure proper installation.

1. Evaluate concrete profile in a grid format to determine overall unevenness of the substrate and to determine the slabs highest location.

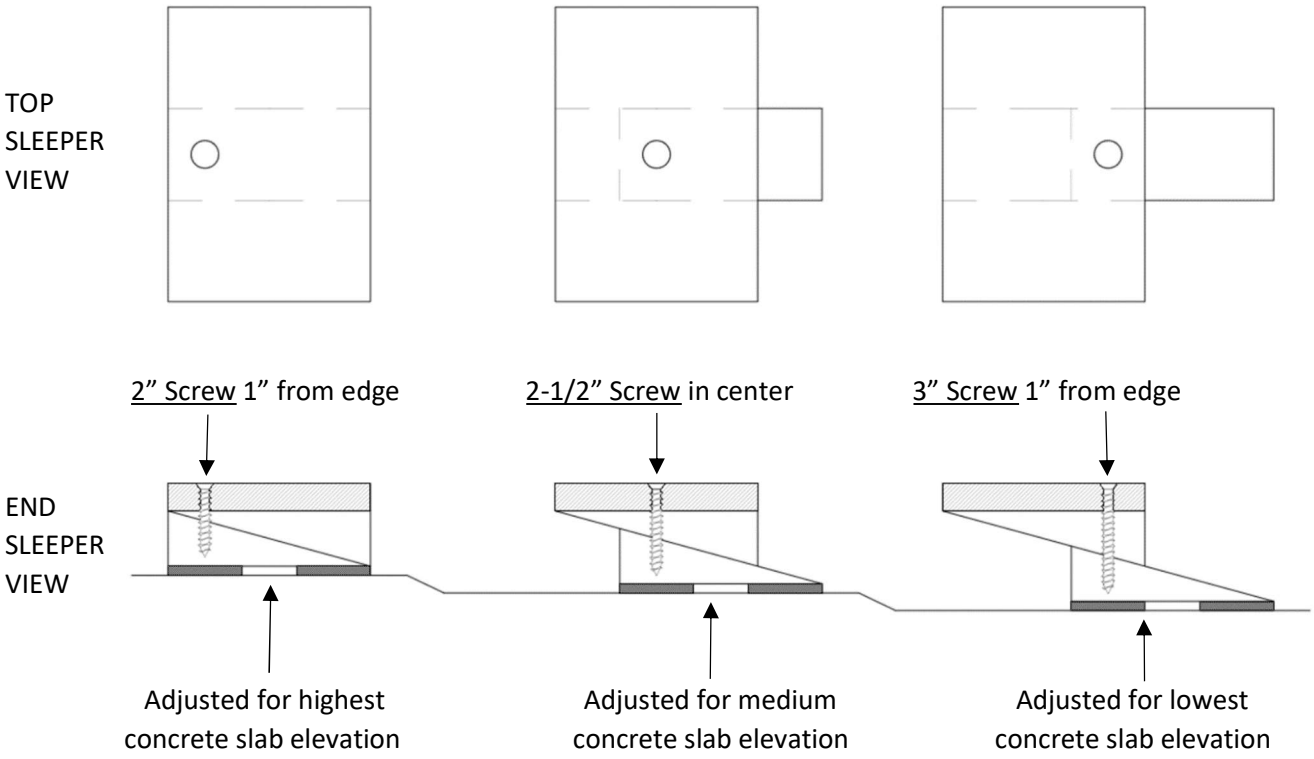
2. Grids are commonly marked in 5' or 10' increments. It is important to locate the highest slab elevation with whatever format is used.



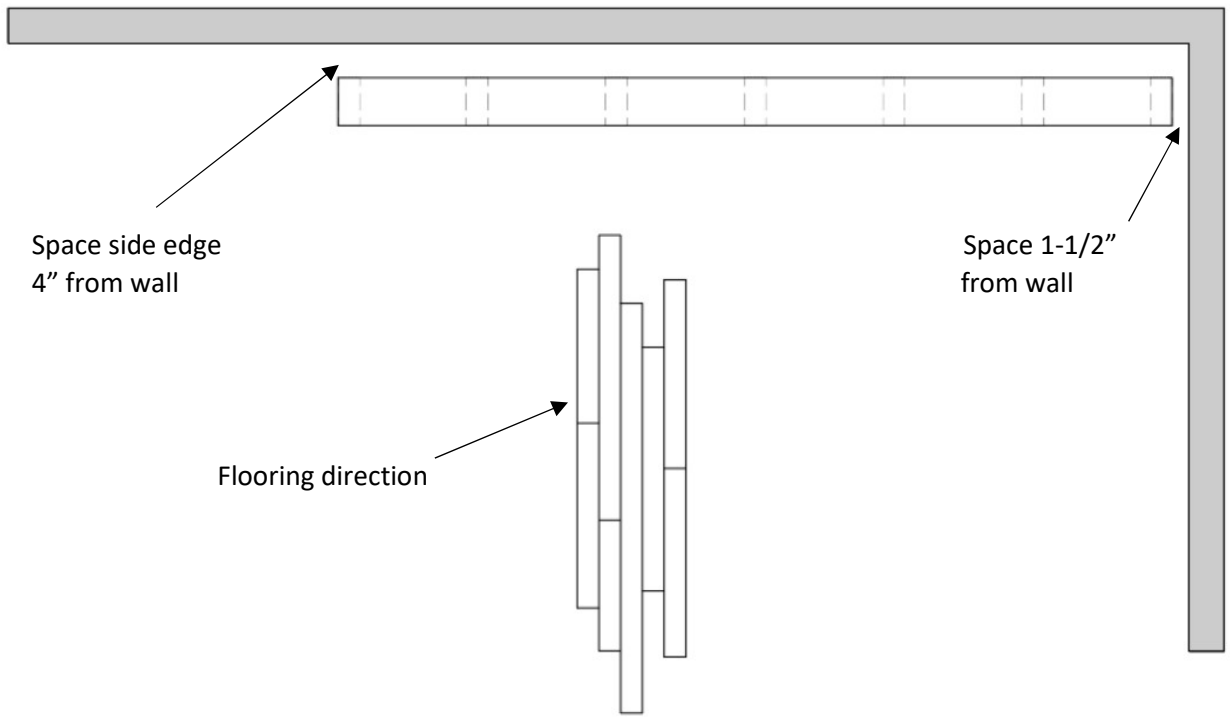
Adjust Laser Receiver when locating receiver rod directly over highest slab location



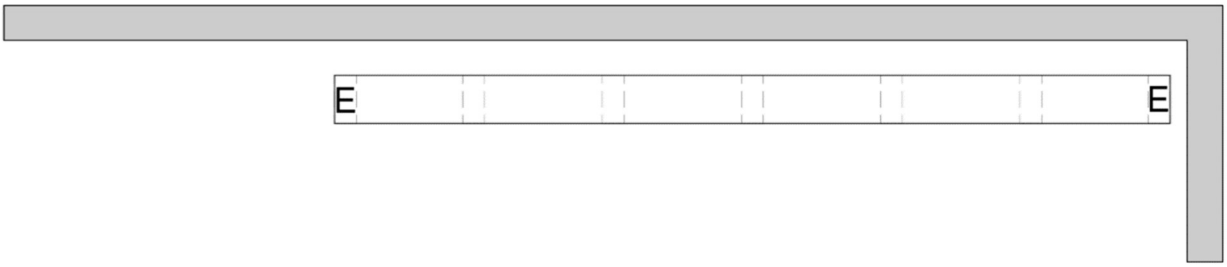
3. As shown below, padded profile blocks are adjusted in relation to the concrete slab elevation. Deck type wood screws are required in three available option lengths along with the application of wood glue on the wedge surface before fastening.



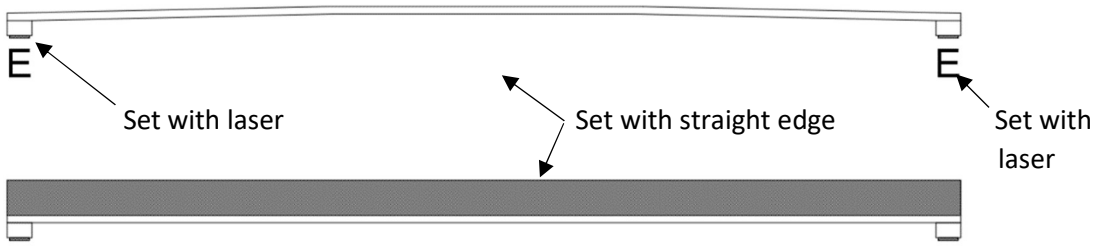
4. As shown below, install first ReClaim sleeper perpendicular to flooring direction with side spaced 4" from wall and end spaced 1-1/2" from wall.



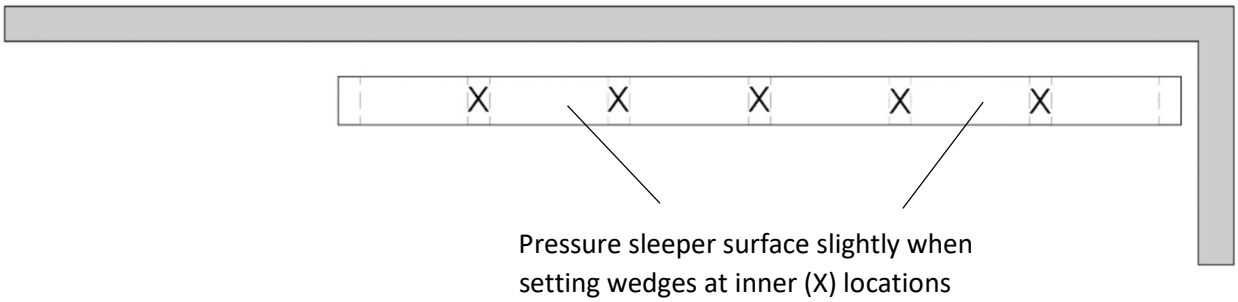
5. As indicated below, install padded profile wedges at two end (E) locations using laser receiver to adjust in relation to concrete slab elevation.



6. With two end wedges installed, use 8’ straight edge placed from end (E) to end (E) to assure sleeper surface is flat.



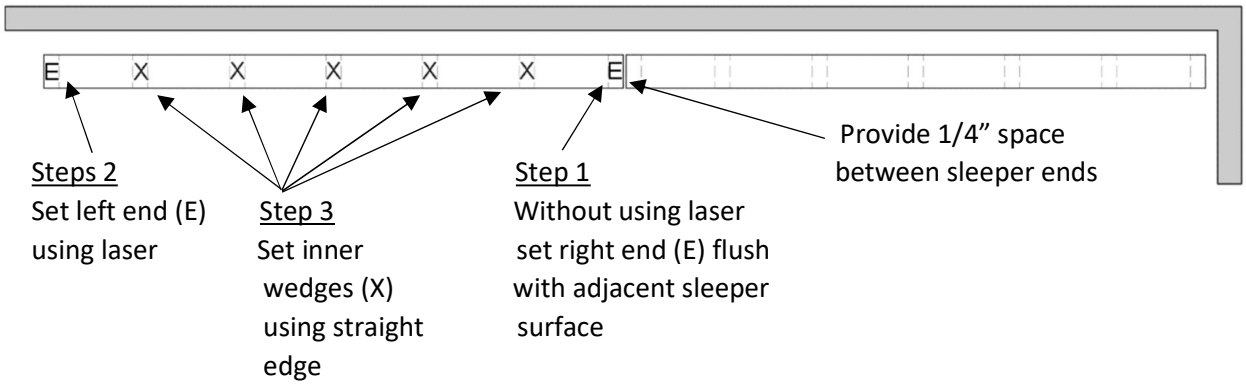
7. Without using laser, apply slight hand pressure to assure previous assembled wedges are in contact with the concrete slab when setting inner wedge locations (X).



8. As shown on the following page, continue first sleeper row by providing 1/4" space between sleeper ends and maintain 4” space between wall and sleeper side edge.

9. Without using laser, adjust and attach wedge at right end (E) of sleeper to bring surface flush with end surface of first sleeper. Then use laser to adjust opposite end (E).

10. As previously described, use straight edge from end (E) locations to assure flat surface of sleeper when installing inner wedges (X).

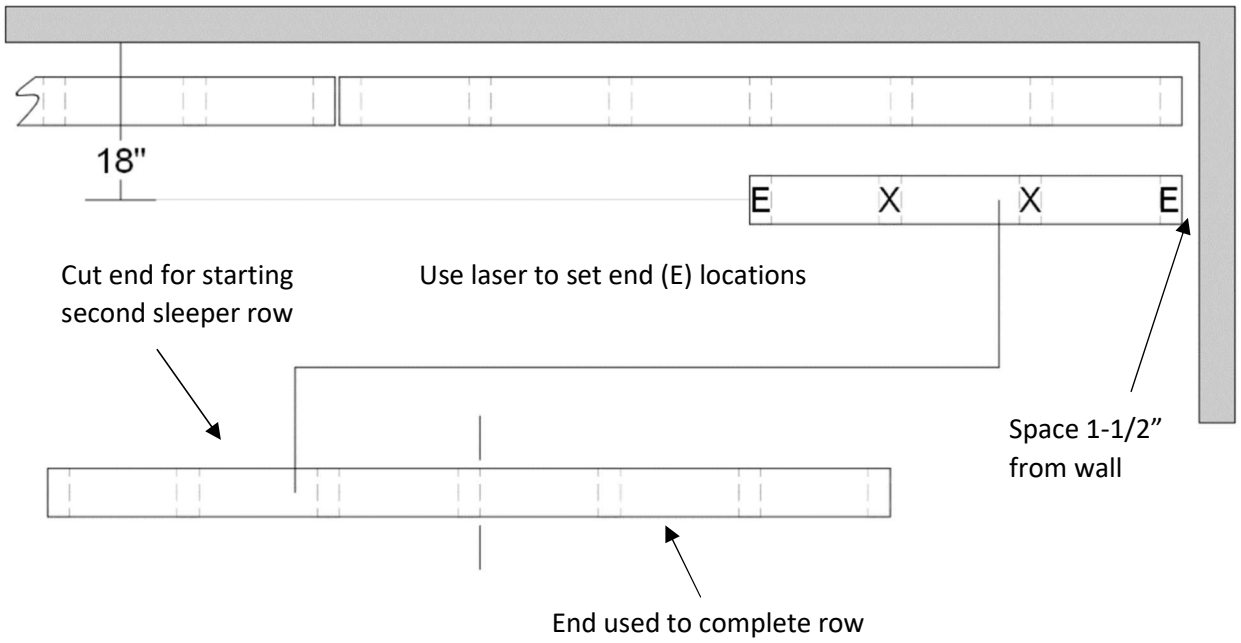


11. Use described method to install additional sleepers to complete first row.

12. As shown below, start second sleeper row and all even numbered rows with partial sleeper, cut as illustrated, leaving center wedge with starting sleeper section.

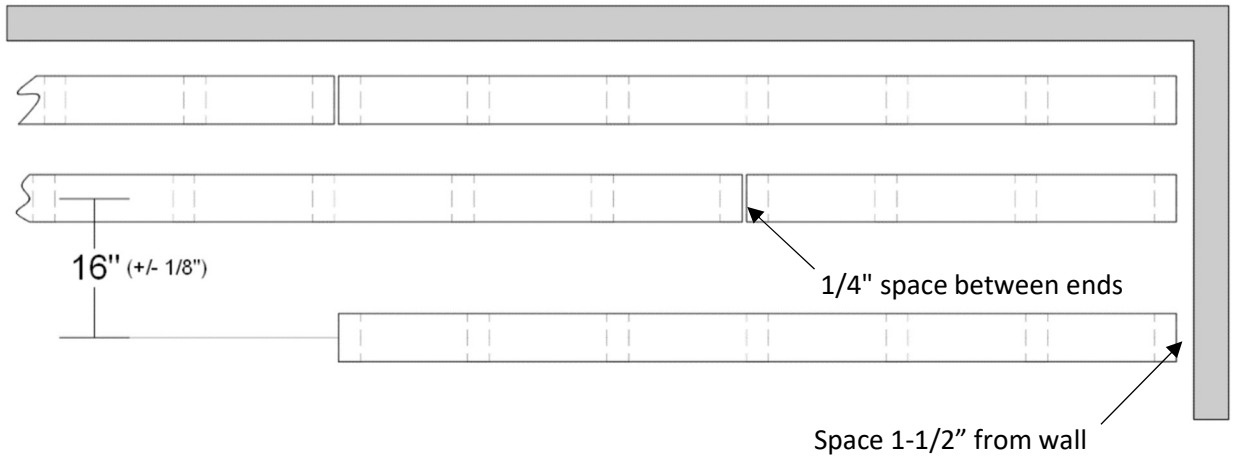
13. Space second row sleeper with side edge spaced 18” on center from wall and provide 1-1/2” spacing between sleeper end and wall.

14. Use laser to adjust and attach padded wedges at end (E) locations, and straight edge to adjust inner wedges (X) without using laser.



15. As shown below start third row and all odd numbered rows with a full-length sleeper and adjust leveling wedges as previously described. Provide 1-1/2” spacing between sleeper end and wall.

16. Space all remaining rows at slightly over 16” on center (± 1/8”) to allow for nominal 1/4" spacing between side rows when plywood sheathing is attached later. Complete each sleeper row as previously described.



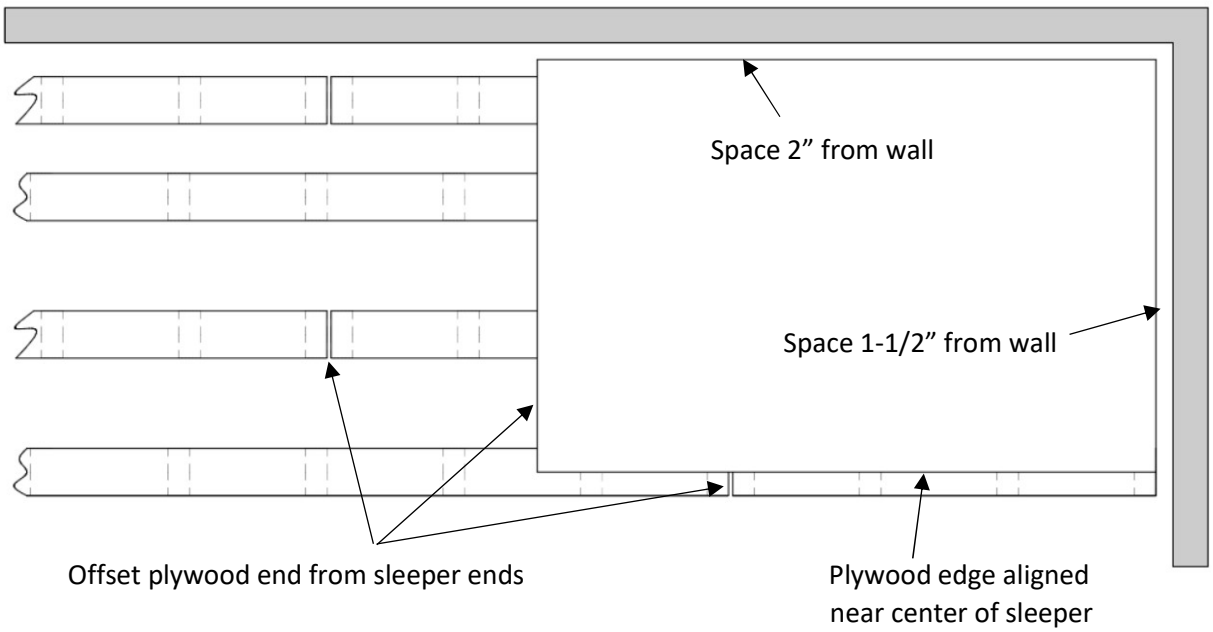
17. As shown below start fourth row and all even numbered rows with half-length sleeper and adjust leveling wedges as previously described. Provide 1-1/2" space between sleeper and wall.

18. Continue to space all remaining rows at slightly over 16" on center (± 1/8") and complete each sleeper row as previously described.

19. As shown on the following page, install first plywood row and all odd numbered rows starting with 6' long section to adequately offset sheathing end joints from ends of supporting sleeper rows.

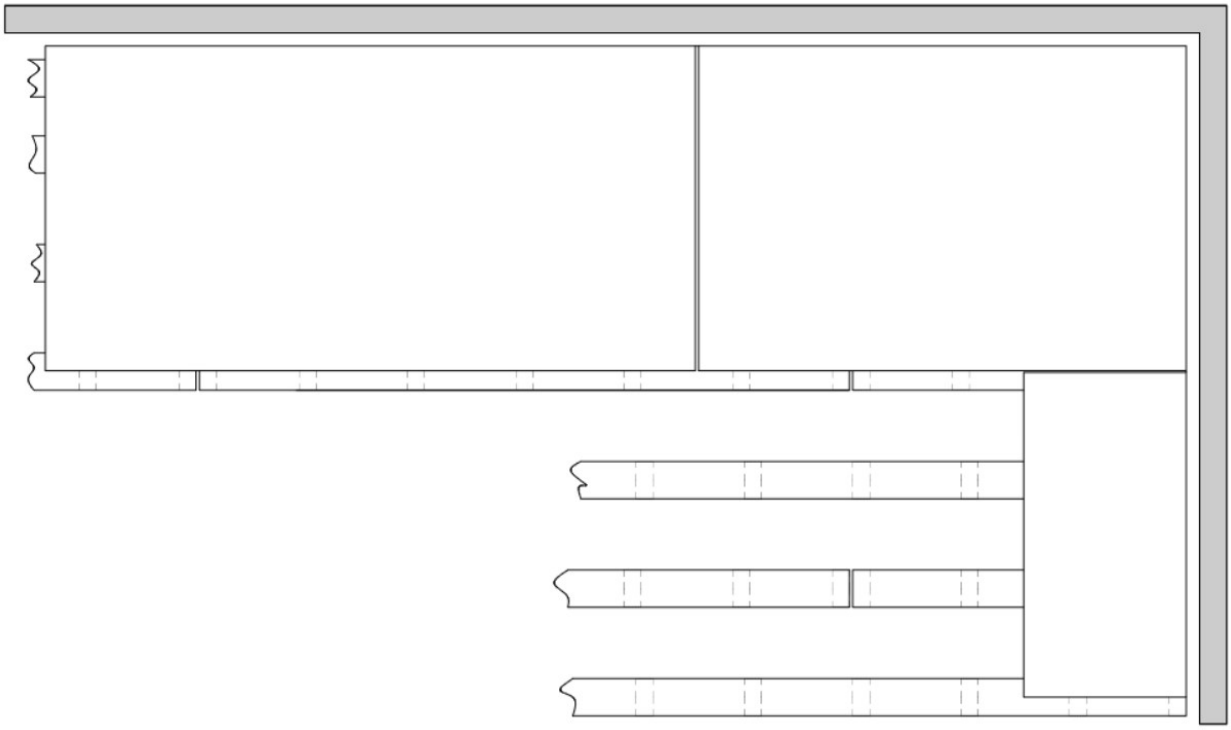
20. Space long plywood edge 2" from wall by overhanging panel edge beyond edge of first sleeper row. Provide 1-1/2" space between 4' end of plywood and wall.

21. Attach plywood with subfloor staples applied along each sleeper row with a staple located near each plywood end and 12" on center.



22. Complete first subfloor row with full plywood panels spaced 2” from wall and with ends spaced nominally 1/4". Attach to sleepers as previously described.

23. Start second subfloor row, and all even numbered rows, with 2’ plywood section. Provide 1-1/2” spacing between plywood end and wall, and nominal 1/4" spacing between plywood side edges.



24. The illustration below shows the floor system with multiple subfloor rows. Sleepers should be spaced slightly greater than 16” (± 1/8”) on center to allow for nominal 1/4" spacing between plywood panel side edges at joints.

25. Plywood panel ends are shown as recommended with 1-1/2” spacing from wall and 1/4" spacing between panel ends.

26. Apply subfloor staples as shown with double staple rows where plywood side joints rest on the same sleeper row.

27. End joints in adjacent plywood and sleeper rows can be offset by a minimum 24” to allow for limited waste as long as upper and lower subfloor end joints are offset by minimum 12”.