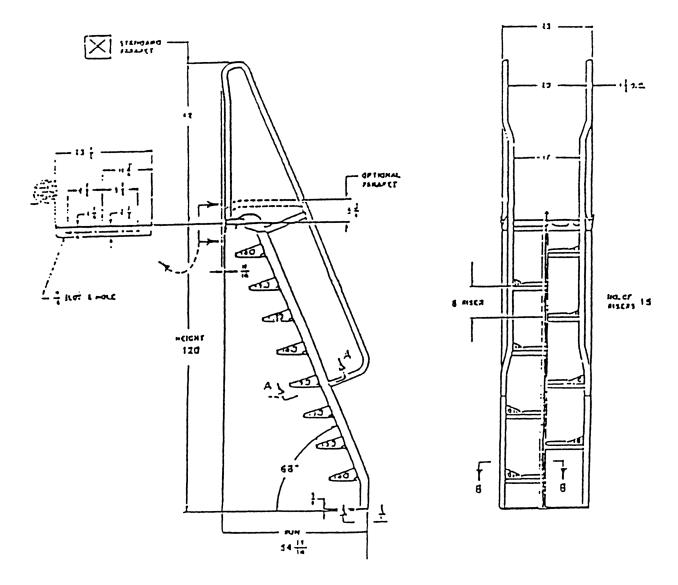
- WAC 296-24-76555 Alternating tread-type stairs. Alternating tread-type stairs have a series of steps between 50 and 70 degrees from horizontal, attached to a center support rail in an alternating manner so that a user of the stairs never has both feet at the same level at the same time. (See Figure D-12.)
- (1) You must ensure that alternating tread-type stairs are designed, installed, used, and maintained in accordance with approved manufacturer's specifications, and have the following:
 - (a) Stair rails on all open sides;
 - (b) Handrails on both sides of enclosed stairs;
- (c) Stair rails and handrails of such configuration as to provide an adequate handhold for a user grasping it to avoid a fall;
 - (d) A minimum of 17 inches between handrails;
 - (e) A minimum width of 22 inches overall;
 - (f) A minimum tread depth of 8 inches;
 - (q) A minimum tread width of 7 inches; and
- (h) A maximum rise of 9 1/2 inches to the tread surface of the next alternating tread.
- (2) You must ensure that alternating tread-type stairs have not more than a 20-foot continuous rise. You must provide one or more intermediate platforms in accordance with WAC 296-24-76515 where more than a 20-foot rise is necessary to reach the top of a required stair.
- (3) You must ensure that stairs and platforms are installed so the top landing of the alternating tread stair is flush with the top of the landing platform.
- (4) You must ensure that stair design and construction sustains a load of not less than 5 times the normal live load, but never less strength than to carry safely a moving concentrated load of 1,000 pounds.
- (5) You must ensure that treads are equipped with slip-resistant surfaces.
- (6) You must ensure that where a platform or landing is used, the width is not less than the width of the stair nor less than 30-inch depth in the direction of travel. You must ensure that stairs are flush with the top of the landing platform.



[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 15-24-100, § 296-24-76555, filed 12/1/15, effective 1/5/16. Statutory Authority: Chapter 49.17 RCW. WSR 92-17-022 (Order 92-06), § 296-24-76555, filed 8/10/92, effective 9/10/92; WSR 91-03-044 (Order 90-18), § 296-24-76555, filed 1/10/91, effective 2/12/91.