

- ON STEPS LESS THAN 44 INCHES WIDE HAVING BOTH SIDES ENCLOSED, AT LEAST ONE HANDRAIL, PREFERABLY ON THE RIGHT SIDE DESCENDING.
- 2. ON STEPS LESS THAN 44 INCHES WIDE HAVING ONE SIDE OPEN, ONE HANDRAIL ON EACH SIDE.
  3. ON STEPS LESS THAN 44 INCHES WIDE HAVING BOTH SIDES OPEN, ONE HANDRAIL ON EACH SIDE.
- 4. ON STEPS MORE THAN 44 INCHES WIDE BUT LESS THAN 88 INCHES WIDE, ONE HANDRAIL ON EACH SIDE.
- 5. ON STEPS 88 OR MORE INCHES WIDE, ONE HANDRAIL ON EACH SIDE, AND ONE INTERMEDIATE HANDRAIL LOCATED APPROXIMATELY MIDWAY OF THE WIDTH.

SHEET 1 OF 2

SPECIFICATION REFERENCE

STANDARD CONCRETE STEPS FOR 1/2: 1 SLOPE

THIS ITEM MAY BE PRECAST OR CAST IN PLACE.

504

CONCRETE TO BE CLASS A3 IF CAST IN PLACE, 4000 PSI IF PRECAST.

IN INCHES WILL BE EQUAL TO 80  $\div$  N WITH A MINIMUM SPACING OF 6".

FOR TABULATION OF CONCRETE AND STEEL QUANTITIES SEE SHEET 2.

REINFORCING BARS TO BE USED IN INSTALLATIONS OF 6 OR MORE STEPS.

FOR OTHER WIDTHS THE APPROXIMATE SPACING OF BARS A

VIRGINIA DEPARTMENT OF TRANSPORTATION

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