

- 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.

**SPECIFICATION **VDOT STANDARD CONCRETE STEPS FOR 11/2:1 SLOPE REFERENCE ROAD AND BRIDGE STANDARDS 105 SHEET 1 OF 2 REVISION DATE 504 VIRGINIA DEPARTMENT OF TRANSPORTATION 601.01

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

IN INCHES WILL BE EQUAL TO 80÷ 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