MANHOLE STEPS

NOTES

1. PROVIDE PLASTIC-STEEL REINFORCED MANHOLE STEPS THAT CONFORM TO AASHTO-AGC-ARTBA TF-13.

2. VERTICALLY ALIGNED AND UNIFORMLY SPACE STEPS WITH A MINIMUM SPACING OF 12 INCHES AND A MAXIMUM SPACING OF 16 INCHES UNLESS SHOWN OTHERWISE ON STRUCTURE PLANS.

3. USE EITHER MANHOLE STEPS CAST-IN-PLACE OR GRouted INTO STRUCTURE WALL IN SUCH A MANNER AS TO PREVENT PULLOUT UNDER A LOAD OF 300 LB APPLIED 6 INCHES FROM THE FACE OF THE STRUCTURE WALL.

4. STEEL REINFORCING OF MANHOLE STEPS CONFORM TO AASHTO DESIGNATION M 1, GRADE 60, DEFORMED STEEL BAR. PLASTIC COATING OF MANHOLE STEPS: STEEL REINFORCING OF MANHOLE STEPS CONFORM TO AASHTO DESIGNATION M 1, GRADE 5, TYPE 1, GRADE 50.

5. MANHOLE STEPS CONFORM TO AASHTO M 186, UNLESS NOTED OTHERWISE.

6. DIMENSIONS MAY VARY WITH MANUFACTURER'S DESIGN. USE ALTERNATIVE DESIGN WITH THE APPROVAL OF THE ENGINEER.