

NOTES:

- 1. MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH AASHTO M199 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE STANDARD SPECIFICATIONS.
- 2. HANDHOLDS IN ADJUSTMENT SECTION SHALL HAVE 3" MIN. CLEARANCE. STEPS IN MANHOLE SHALL HAVE 6" MIN. CLEARANCE. SEE STD. DTL. D-5.
- 3. MANHOLE RINGS AND COVERS SHALL BE IN ACCORDANCE WITH SEC. 7.05 OF THE STANDARD SPECIFICATIONS. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION. SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY
- 4. ALL PRECAST CONCRETE SHALL BE CLASS 4000.
- 5. FOR DETAILS SHOWING, LADDER, STEPS, HANDHOLDS, AND TOP SLABS, SEE STD. DTL. D-5.
- 6. NOT FOR USE IN TRAFFIC BEARING AREAS.
- 7. MANHOLE DIAMETER SHALL EQUAL PIPE DIAMETER.
- 8. FOR REINFORCED CONCRETE PIPE ONLY.
- APPLY NON-SHRINK GROUT TO INSIDE AND OUTSIDE OF ALL JOINTS, RISERS, RINGS AND FRAMES.



MANHOLE TYPE 4

JANUARY 2020 NO SCALE NO. D-20