

---

**SEWER CONSTRUCTION NOTES:**

1. STATIONS SHOWN ARE HORIZONTAL DISTANCES ALONG CENTERLINE OF PIPE
  2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY NOT TO EXCEED THE PIPE MANUFACTURER'S DEFLECTION SPECIFICATIONS. SHORT LENGTH PIPES MAY BE REQUIRED IN SOME CASES.
  3. ALL MANHOLE STUB-OUTS SHALL NOT EXCEED 18 INCHES BEYOND MANHOLE BASE. PLUG END WITH REMOVABLE WATERTIGHT CAP AS MANUFACTURED BY PIPE MANUFACTURER.
  4. THE LOCATION OF NEW SEWER LATERALS SHALL BE MARKED AS FOLLOWS: STREETS WITH CURBS: A LETTER "S" SHALL BE CHISELED OR PERMANENTLY MARKED ON THE CURB AT THE LOCATION OF THE SEWER LATERAL; AND AN APPROPRIATE MID-RANGE OR FULL RANGE MAGNETIC MARKER MANUFACTURED BY 3M ELECTRICAL PRODUCTS DIVISION, SCOTCH MARK MARKER LOCATOR (EMS) SHALL BE PLACED ONE FOOT BELOW THE FINISHED GROUND SURFACE DIRECTLY ABOVE THE TERMINUS OF THE LATERAL. IF FINISH GRADE IS UNKNOWN, THE MARKER SHALL BE INSTALLED TWO FEET BELOW THE ASSUMED FINISHED GROUND SURFACE.
  5. ALL SEWER LATERALS TO BE A MINIMUM OF 4 INCHES IN DIAMETER PER MSWD STANDARD DRAWINGS, UNLESS OTHERWISE NOTED ON PLANS. LOCATIONS SHALL BE DETERMINED IN THE FIELD PRIOR TO CONSTRUCTION. SEE SPECIFICATIONS FOR DETAILS.
  6. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO SUPPORT AND PROTECT IN PLACE ALL EXISTING UTILITIES PARALLEL AND/OR PERPENDICULAR TO THE PROPOSED SEWER LINE. EXISTING UTILITIES SHALL REMAIN IN OPERATION AT ALL TIMES UNLESS APPROVED IN WRITING BY APPROPRIATE UTILITY COMPANY.
  7. AIR TESTING OF ALL SEWER LINES SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION – "GREENBOOK" SECTION 306-1.4.4 "AIR PRESSURE TEST" AND CONDUCTED IN THE PRESENCE OF THE INSPECTOR.
  8. ALL SEWER MAIN, LATERAL CONNECTIONS AND MANHOLES MUST BE WASHED AND VIDEOED IN THE PRESENCE OF THE INSPECTOR. THE DISTRICT REQUIRES A VIDEO COPY IN A DVD FORMAT OF THE ENTIRE VIDEO INSPECTION AT NO ADDITIONAL COST TO THE DISTRICT.
  9. ALL PRIVATE SEWER SYSTEMS SHALL BE FLUSHED BY THE CONTRACTOR AND DETERMINED TO BE CLEAN BY THE MSWD INSPECTOR PRIOR TO CONNECTION TO DISTRICT FACILITIES.
-