



**GENERAL NOTES:**

1. MEG-A-LUG RETAINER GLANDS AND THRUST BLOCKING SHALL BE USED AT ALL FITTINGS AND JOINTS.
2. AN EIGHTEEN INCH (18") VERTICAL SEPARATION SHALL BE MAINTAINED BETWEEN THE WATERMAIN AND THE PROPOSED SEWER.
3. WATERMAINS SHALL ONLY BE RAISED A MAXIMUM OF 18" WHEN USING M.J. OFFSET FITTINGS.
4. TYPE I RELOCATIONS SHALL ONLY BE USED WHEN THE TOP OF THE RELOCATED WATERMAIN IS 5'6" OR GREATER BELOW FINISHED GRADE.
5. TYPE II RELOCATIONS REQUIRE THE PROPOSED SEWER TO BE INSTALLED IN PRESSURE RATED PIPE (CLASS 52 DUCTILE IRON PIPE; OR PVC SDR-26, ASTM D-2241 PR PIPE) BETWEEN MANHOLES, OR ENCASED IN A BITUMINOUS COATED STEEL CASING PIPE, EXTENDING A MINIMUM OF 20' CENTERED ON THE WATERMAIN.
6. ALL BELOW-GRADE FASTENERS SHALL BE STAINLESS STEEL.
  - A. BOLTS: GRADE 304
  - B. NUTS AND WASHERS: GRADE 300

NOT TO SCALE

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**WATERMAIN RELOCATION**

VILLAGE OF VILLA PARK  
WATER - 25