NOTES:

1. SANITARY SEWER MUST BE BELOW WATER LINE, WHEREVER POSSIBLE. WHEN WASTE IS BELOW THE SANITARY SEWER, INSTALL IN ACCORDANCE WITH CHAPTER 7 TABLE 7.3 OF CONSTRUCTION MANUAL.

2. WHEN PRESSURE-RATED PIPE IS REQUIRED, INSTALL PIPE WITH MINIMUM 150 psi PRESSURE RATING.

3. ADAPTERS MUST BE FACTORY WELDED OR FABRICATED, WITH NO STEMS 12 INCHES OR LEAST AS TO THE ADAPTOR DIA., AND MUST BE MARKED AND INSPECTED TO SHOW MATERIAL, AND PRESSURE-RATING. "BOOT" TYPE ADAPTERS WILL NOT BE ACCEPTED.

4. INSTALL FORCE MAINS SAME AS FOR GRAVITY SEWER, USING SPECIFIED PRESSURE PIPE.

5. "V" MUST ALWAYS BE GREATER THAN OR EQUAL TO 1 FT FOR PRESSURE RATED 550 & 2 FT FOR NON-PRESSURE RATED 550.

6. "V" MUST BE GREATER THAN OR EQUAL TO 4 FT.

7. ALTERNATIVES MAY BE SHOWN ON THE DRAWINGS OR DESCRIBED IN THE SPECIFICATIONS.

8. SEPARATION REQUIREMENTS SHOWN HERE DO NOT APPLY TO SERVICE CONNECTIONS – REFER TO PLUMBING CODE FOR APPLICABLE REQUIREMENTS.

INSTALLATION REQUIREMENTS

1. IF "V" < 1 AND "H" < 2, USE MINIMUM 1/4" JOINT OF MATERIAL APPROPRIATE "V" AND "H" FOR CONSTRUCTION DRAWING.

2. IF "V" < 1 AND "H" < 2, USE GRAVITY SEWER PIPE IN CONCRETE-FILLED SAND ENBEDMENT.

3. IF "V" > 1, USE STANDARD ENBEDMENT AND NORMAL JOINT SPACING.

NEW SANITARY SEWER CROSSING EXISTING WATER LINE

EXISTING GRADE

NEW SANITARY SEWER PARALLEL TO EXISTING WATER LINE

NEW SANITARY SEWER CROSSING OR PARALLEL TO WATER LINES