**GENERAL NOTES**

**REINFORCED CONCRETE PIPE**

1. FULL HEIGHTS GREATER THAN MAXIMUM ALLOWED IN THE HEIGHTS OF FULL TABLE IN THIS SHEET REQUIRE SPECIAL DESIGN OF STRUCTURE.

2. FIRE DESIGN IS BASED ON SAFETY FACTOR OF 2.0 ON ULTIMATE STRENGTH.

3. THE HEIGHTS OF FILL OVER TOP OF PIPE ARE BASED ON UNIT WEIGHT OF SOIL AT 185 LBS/FT³ FOR FILL.

4. FIRE CLASS IS DETERMINED FROM 0.01 IN CHALK INSIDE.

5. REINFORCED CONCRETE PIPE DESIGN MANUAL-AMERICAN CONCRETE PIPE ASSOCIATION AWWA C600-POLLUTION HELD REINFORCED CONCRETE PIPE IS TO BE DESIGNED AND EMBEDDED IN FILL MATERIAL.

6. CONCRETE PIPE IS TO BE SUNK IN SOIL OF SUFFICIENT THICKNESS STRUCTURAL DESIGN.

7. CHANGES IN DESIGN FACTORS REQUIRE CHANGES IN REINFORCED CONCRETE PIPE DESIGN.

8. MINIMUM WALL THICKNESS DIMENSIONS ARE BASED ON AN UNIFORM 10 FT DEPTH.

9. SPECIFICATIONS FOR MULTIPLE PIPE INSTALLATIONS SHALL CONFORM TO THE DETAILS SHOWN IN THE STANDARD PLAN.

**NONREINFORCED CONCRETE PIPE**

1. AT THE OPTION OF THE CONTRACTOR, NONREINFORCED CONCRETE PIPE CONTINUING TO END USE AS DEPICTED IN LAYOUT REQUIREMENTS.

2. ALL REQUIREMENTS FOR NONREINFORCED CONCRETE PIPE EXCEPT THOSE REFERRED TO REINFORCED CONCRETE PIPE SHALL APPLY TO NONREINFORCED CONCRETE PIPE.

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**DIMENSIONS FOR REINFORCED CONCRETE PIPE**

**GENERAL NOTES**

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