



### GENERAL NOTES

1. STRUCTURAL DESIGN SPECIFICATIONS CONFORM TO ASTM C913 FOR "PRECAST CONCRETE WATER AND WASTEWATER STRUCTURES".
2. CONCRETE COMPRESSIVE STRENGTH 4,000 PSI MINIMUM.
3. STEEL REINFORCING DESIGN TO CONFORM TO THE REQUIREMENTS OF ASTM C890 SPECIFICATIONS FOR "STRUCTURAL DESIGN LOADING FOR WATER AND WASTEWATER STRUCTURES" AND SHALL UTILIZE GRADE 60 RE-BARS CONFORMING TO THE REQUIREMENTS OF ASTM A615 OR WWF CONFORMING TO THE REQUIREMENTS OF ASTM A185 OR BOTH.
4. ADDITIONAL REINFORCING AT OPENINGS.
5. DESIGNED FOR H-20-44 LOADING.
6. STEPS NOT REQUIRED.
7. TOTAL LENGTH PER JOB SPECIFICATIONS.
8. 8" DIAMETER OUTLET PIPE TO BE INSTALLED BY CONTRACTOR AS PER NCDOT REQUIREMENTS FOR MORTAR JOINT CONNECTIONS.
9. FRAME & GRATE TO MEET NCDOT STANDARDS, SUPPLIED BY EITHER P.C.M. OR CUSTOMER.
10. JOINTS TO BE SEALED WITH PREFORMED BUTYL RUBBER JOINT SEALANT CONFORMING TO THE REQUIREMENTS OF ASTM C990, OR MORTAR AS PER NCDOT REQUIREMENTS, OR BOTH.

**12' x 18'**  
**TRENCH DRAIN**