CAROLINA PRECAST
Setting the Standard

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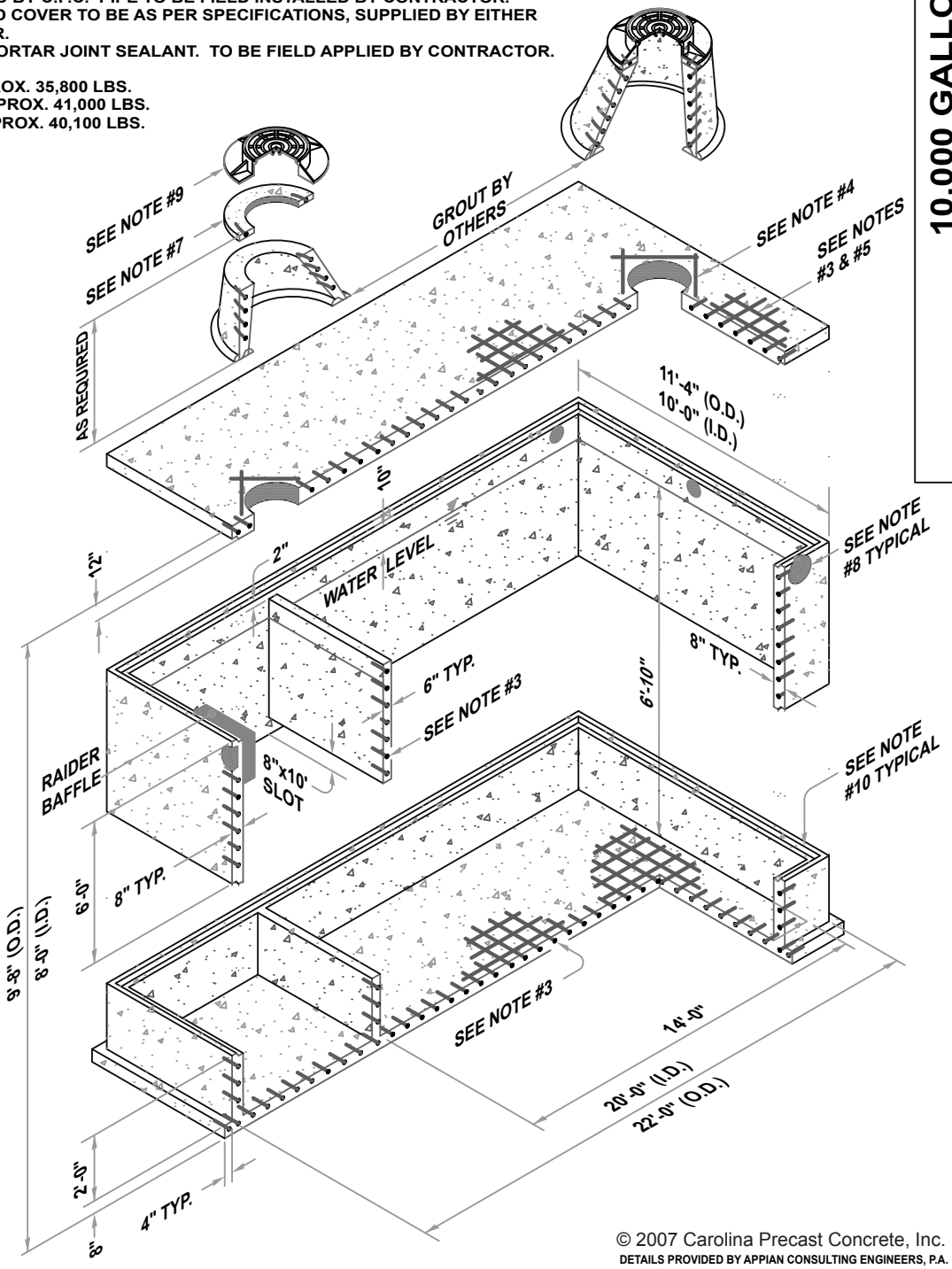
DATE:
FEB. 15, 1999

DRAWING No:
ST-10000

10,000 GALLON SEPTIC TANK

GENERAL NOTES:

1. STRUCTURAL DESIGN SPECIFICATIONS CONFORM TO LATEST ASTM C1227 SPECIFICATIONS FOR "PRECAST CONCRETE SEPTIC TANKS", NCDOT, AND MEET THE REQUIREMENTS OF NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL HEALTH AND NATURAL RESOURCES.
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 PROVIDED.
7. CONTRACTOR TO ADJUST TO GRADE AS REQUIRED. 4" GRADE RINGS TO BE SUPPLIED BY C.P.C. OR TO BE FIELD ADJUSTED USING APPROVED METHODS BY CONTRACTOR.
8. 8" DIA BLOCKOUTS. OPTIONAL 8" DIA. PIPE PENETRATION WITH DURA-SEAL GASKET MEETING SPECIFICATIONS OF ASTM C923 SUPPLIED BY C.P.C. PIPE TO BE FIELD INSTALLED BY CONTRACTOR.
9. CAST IRON RING AND COVER TO BE AS PER SPECIFICATIONS, SUPPLIED BY EITHER C.P.C. OR CUSTOMER.
10. 1" BENTINITE AND MORTAR JOINT SEALANT. TO BE FIELD APPLIED BY CONTRACTOR.
11. WEIGHTS:
    ROOF SLAB - APPROX. 35,800 LBS.
    RISER SECTION - APPROX. 41,000 LBS.
    BASE SECTION - APPROX. 40,100 LBS.



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