



NOTES:

1. PRECAST DESIGN SPECIFICATIONS SHALL CONFORM TO THE LATEST ASTM C913 SPECIFICATIONS FOR "PRECAST CONCRETE WATER AND WASTEWATER STRUCTURES," NCDOT, AND CITY OF HIGH POINT SPECIFICATIONS.
2. PRECAST STRUCTURES SHALL BE DESIGNED FOR H-20-44 LOADING.
3. CONCRETE STRUCTURE SHALL HAVE A MINIMUM CONCRETE COMPRESSIVE STRENGTH OF 4000 PSI. IF BOTTOM CONCRETE SLAB IS POURED, IT SHALL HAVE A MINIMUM CONCRETE COMPRESSIVE STRENGTH OF 3000 PSI AND SHALL BE POURED INTO FORMS.
4. STEEL REINFORCING DESIGN SHALL CONFORM TO THE REQUIREMENTS OF ASTM C690 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.
5. ADDITIONAL STEEL REINFORCEMENT SHALL BE INSTALLED AT ALL OPENINGS.
6. THE FRAME AND COVER SHALL BE CAST INTO THE PCC LID AND SHALL BE MANUFACTURED AS SPECIFIED IN COMP. STD. NO. 402.
7. FOR STRUCTURE HEIGHTS OVER 3'-6", INSTALL STEPS ON 12" CENTERS.
8. ALL STEPS SHALL CONFORM TO CITY STD. NO. 303, OR AN APPROVED EQUAL.
9. GENERALLY, STEPS SHALL BE PLACED IN THE REAR WALL. IF THERE IS A CONFLICT WITH A PIPE ENTERING THE REAR WALL, THE STEPS SHALL BE MOVED TO A SIDE WALL, WITH A CORRESPONDING SHIFT OF THE TOP, CAST IRON FRAME & COVER. THE LOCATION OF THE SHIFTED STEPS AND FRAME & COVER SHALL BE APPROVED BY THE ENGINEER.
10. SEAL JOINTS WITH FLEXIBLE BUTYL RUBBER BASE CONFORMING TO FEDERAL SPECIFICATIONS SS-S-214, AASHTO M-198, TYPE B - BUTYL RUBBER.
11. PRECAST CATCH BASIN MINIMUM WALL THICKNESS (SOLID WALL AND BOTTOM SLAB):
 0' TO 10' 6"
 10' TO 16' 8"
 OVER 16' SPECIAL DESIGN

CITY OF HIGH POINT
 NORTH CAROLINA
 ENGINEERING SERVICES DEPARTMENT

APPROVED: MARCH 1, 2007
 BSK
 DIRECTOR

ISSUED 03-01-07
 REVISIONS

STANDARD DRAWING FOR
 PRECAST CATCH
 BASIN, TYPE A

CBA_PC_1.DWG

401.00

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