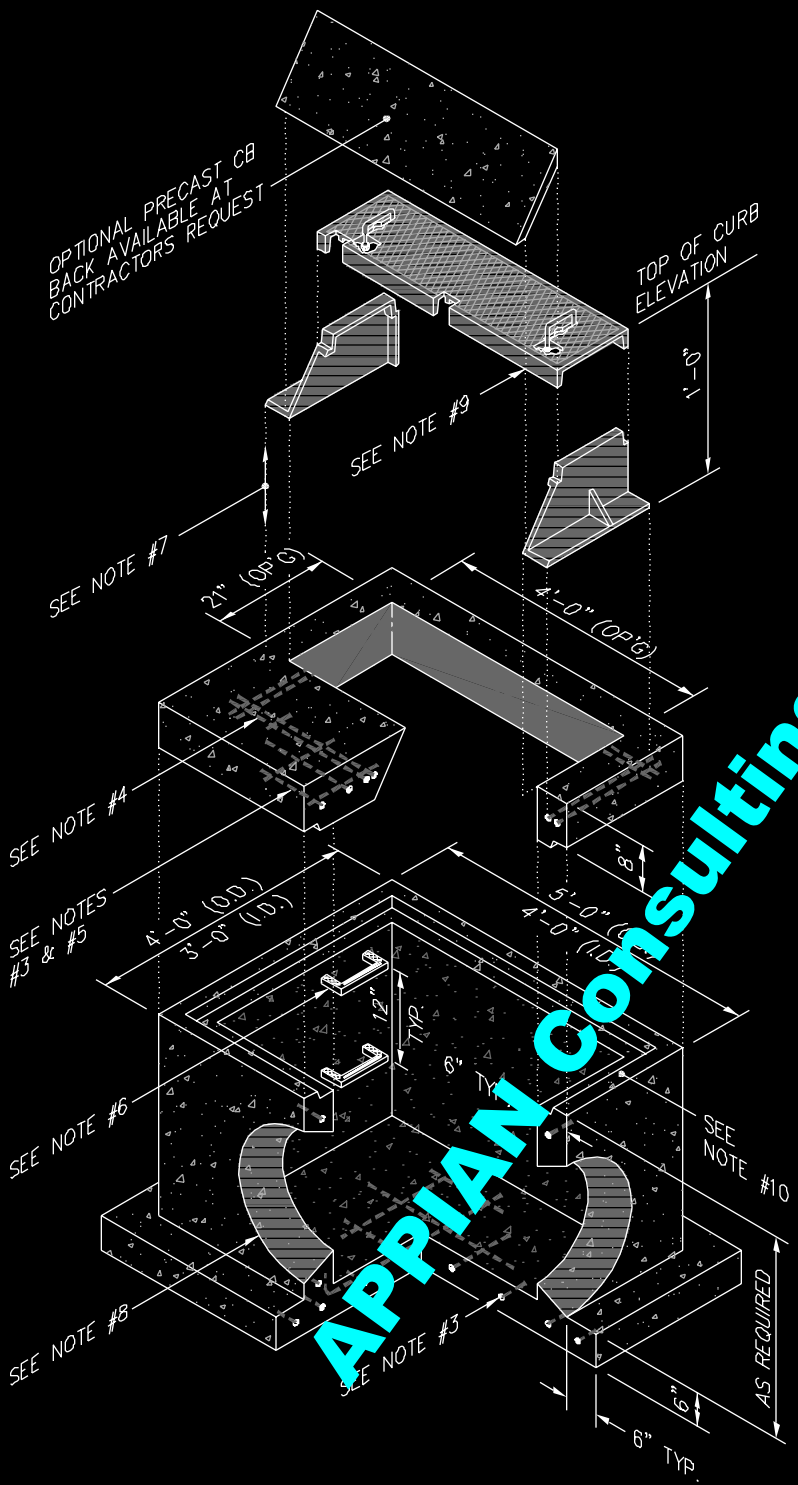

APPIAN Consulting Engineers

GENERAL NOTES:

1. DROP INLET DESIGN SPECIFICATIONS CONFORM TO LATEST ASTM C913 SPECIFICATIONS FOR "PRECAST CONCRETE WATER AND WASTEWATER STRUCTURES", NCDOT AND CITY OF WILMINGTON STANDARDS.
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 REQUIRED ON DROP INLETS OVER 3'-6" IN DEPTH. STEPS SHALL BE STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC AND MEET THE REQUIREMENTS OF ASTM C478.
7. TO BE FIELD ADJUSTED USING WILMINGTON APPROVED METHODS BY CONTRACTOR.
8. PIPE PENETRATION TO BE AS PER JOB REQUIREMENTS. PIPE TO BE INSTALLED BY CONTRACTOR AS PER WILMINGTON REQUIREMENTS FOR MORTAR JOINT CONNECTIONS.
9. FRAME AND COVER PER NCDOT STANDARDS OR AS OTHERWISE SPECIFIED. SUPPLIED BY EITHER P.C.M. OR CUSTOMER.
10. JOINTS TO BE SEALED WITH BUTYL RUBBER JOINT SEALANT CONFORMING TO THE REQUIREMENTS OF ASTM C990, OR MORTAR AS PER NCDOT REQUIREMENTS, OR BOTH.

3'-0" x 4'-0" CURB INLET
CITY OF WILMINGTON STANDARD