SITE SPECIFIC DATA

Structure ID
Water Quality Flow Rate (cfs)
Peak Flow Rate (cfs)
Min Elevation
Pipe Data
Pipe Angle° Pipe Size Pipe Type Invert Elevation
Inlet
Outlet at 0°
Angle clockwise from Outlet at 0°
Notes:

DESIGN NOTES:
1. DESIGN LOADINGS:
   A. ASHMD H4-20-44 W/ IMPACT.
   B. DESIGN FILL: 6" MAXIMUM.
   C. ASSUMED WATER TABLE = BELOW BOTTOM OF PRECAST.
   D. DRY LATERAL EARTH PRESSURE (Kp) = 45 PSF.
   E. LATERAL LIME LOAD SURCHARGE = 50 PSF (APPLIED TO 9" BELOW GRADE).
   F. NO LATERAL SURFACE FROM ADJACENT BUILDINGS, WALLS, PIER, OR FOUNDATIONS.
2. CONCRETE 28 DAY COMPRESSIVE STRENGTH SHALL BE 5,000 PSI MINIMUM.
4. CEMENT: ASTM C-150 SPECIFICATION.
5. REQUIRED NATIVE ALLOWABLE SOIL BEARING PRESSURE = 2,500 PSF.
6. REFERENCE STANDARDS:
   A. ASTM C 690
   B. ASTM C 913
7. THIS STRUCTURE IS DESIGNED TO THE PARAMETERS NOTED ABOVE. PLEASE VERIFY THAT THESE PARAMETERS MEET PROJECT REQUIREMENTS (i.e. LIVE LOAD, FULL RANGE, WATER TABLE, IF DESIGN PARAMETERS ARE INCONGRUENT). THE ENGINEER/OWNER SHALL NOTIFY OLDCASTLE PRECAST® STORMWATER UPON REVIEW OF THIS SUBMITTAL.

GENERAL NOTES:
8. TREATMENT CAPACITY IS DEPENDENT ON LOCAL REGULATORY REQUIREMENTS. BYPASS CAPACITY IS DEPENDENT ON OUTLET PIPE DIAMETER. CONTACT OLDCASTLE PRECAST® STORMWATER FOR PROJECT-SPECIFIC TREATMENT AND BYPASS SIZING RECOMMENDATIONS.
9. OVERSIZED HOLES TO ACCOMMODATE SPECIFIC PIPE TYPE MUST BE CONCENTRIC TO PIPE D. ALL ANNUAL SPACES SHALL BE FILLED WITH A MINIMUM OF 3000 PSI CONCRETE FOR FULL THICKNESS OF PRECAST WALLS.
10. CONTRACTOR RESPONSIBLE TO ENSURE ADEQUATE BEARING SURFACE IS PROVIDED (i.e. COMPACTED & LEVEL PER PROJECT SPECIFICATIONS)
11. FOR SITE SPECIFIC DRAWINGS WITH DETAILED DIMENSIONS AND MILESTONES. PLEASE CONTACT OLDCASTLE PRECAST® STORMWATER.