SITE SPECIFIC DATA

Structure ID
Water Quality Flow Rate (cfs)
Peak Flow Rate (cfs)

Rin Elevation
Pipe Data
Pipe Angle
Pipe Size
Pipe Type
Invert
Elevation

Outlet at 0°
Angle is Clockwise from Outlet at 0°.

Notes:

DESIGN NOTES:
1. DESIGN LOADINGS:
   A. AGE 40% - 100% W. IMPACT.
   B. DESIGN FILL: 5' MAXIMUM.
   C. ASSUMED WATER TABLE = BELOW BOTTOM OF PRECAST.
   D. DRY LATERAL EARTH PRESSURE (Kp) = 45 PSF.
   E. LATERAL LIVE LOAD SURCHARGE = 50 PSF (APPLIED TO 9' BELOW GRADE).
   F. NO LATERAL SURCHARGE FROM ADJACENT BUILDINGS, WALLS, PERS, 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 BENDING PRESSURE = 2,500 PSF.

6. REFERENCE STANDARDS:
   A. ASTM C 900
   B. ASTM C 913

7. THIS STRUCTURE IS DESIGNED TO THE PARAMETERS NOTED
   HEREIN. PLEASE VERIFY THAT THESE PARAMETERS MEET
   PROJECT REQUIREMENTS (i.e. LIVE LOAD, FILL RANGE, WATER TABLE). IF DESIGN PARAMETERS ARE INCOMPLETE,
   REFILES ENGINEER/AUTHORITY SHALL NOTIFY OLDCASTLE
   PRECAST® STORMWATER UPON REVIEW OF THIS SUBMITAL.

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 REBAR
    SURFACE IS PROVIDED (i.e. COMPACTED & LEVEL PER
    PROJECT SPECIFICATIONS)

11. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE
    DIMENSIONS AND MOLDS, PLEASE CONTACT OLDCASTLE
    PRECAST® STORMWATER.