SITE SPECIFIC DATA

Structure ID
Peak Flow Rate (cfs)

Peaks Elevation
Pipe Data
Pipe Angle* Pipe Size Pipe Type Invert Elevation

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

Notes:

DESIGN LOADINGS:
A. ASHMD 16-20-44 W/ IMPACT.
B. DESIGN FILL: 5' MAXIMUM.
C. ASSUMED WATER TABLE BELOW BOTTOM OF PRECAST.
D. DRY LATERAL EARTH PRESSURE (EFP) = 45 PSF.
E. LATERAL LINE LOAD SURCHARGE = 90 PSF (APPLIED TO 8' BELOW GRADE).
F. NO LATERAL SURFACE FROM ADJACENT BUILDINGS, WALLS, PERRYS, 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 = 2,300 PSF.

6. REFERENCE STANDARD:
A. ASTM C 850
B. ASTM C 513

7. THIS STRUCTURE IS DESIGNED TO THE PARAMETERS NOTED HEREIN. PLEASE VERIFY THAT THESE PARAMETERS MEET PROJECT REQUIREMENTS (I.E. LIVE LOAD, FULL RANGE, WATER TABLE). IF DESIGN PARAMETERS ARE INCOMPLETE, REVIEWING ENGINEER/AUTHORITY 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 ANNULAR 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 STRUCTURE DIMENSIONS AND MUSKELS, PLEASE CONTACT OLDCASTLE PRECAST® STORMWATER.

OLDCASTLE PRECAST®
DVS-84S-GI
DVS-84S-GI-SC

CUSTOMER: [Customer Name]
[Job Name]

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