SITE SPECIFIC DATA

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

DESIGN NOTES:
1. DESIGN LOADINGS:
   A. ASHMD 46-20-44 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 LIME LOAD SURCHARGE = 90 PSF (APPLIED TO 8' BELOW GRADE).
   F. NO LATERAL SURCHARGE FROM ADJACENT BUILDINGS, WALLS, PERRYS, OR FOUNDATIONS.
2. CONCRETE 28 DAY COMpressive STRENGTH SHALL BE 5,000 PSI MINIMUM.
3. STEEL REINFORCEMENT; REBAR, ASTM A-615 OR A-706, GRADE 60.
4. CEMENT: ASTM C-150 SPECIFICATION.
5. REQUIRED NATIVE ALLOWABLE SOIL BEARING PRESSURE = 2,500 PSF.
6. REFERENCE STANDARD:
   A. ASTM C-950
   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, FILL RANGE, WATER TABLE). IF DESIGN PARAMETERS ARE INCONGRUENT, REVIEW ENGINEER/AUTHORITY SHALL NOTIFY OLDCASTLE PRECAST® STORMWATER UPON REVIEW OF THIS SUBMITTAL.

GENERAL NOTES:
8. TREATMENT CAPACITY IS DEPENDENT ON LOCAL REGULATORY REQUIREMENTS. 'BADGE 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 MEDIANS, PLEASE CONTACT OLDCASTLE PRECAST® STORMWATER.

This product is protected by the following US Patents: 5,881,186; 6,675,599; 6,605,089; 6,641,376; 6,655,342; 6,685,698; 6,685,698; 6,699,758; 6,721,199; 6,730,329; 6,753,411; 6,758,588; 6,761,022; 6,767,199; 6,783,355; 6,806,884; 6,832,210; and foreign patents or other patent pending.

Oldcastle Precast
Customer:  
Job Name:  
DVS-84S-SC

Stormwater

DVS-84S