SITE SPECIFIC DATA

<table>
<thead>
<tr>
<th>Structure ID</th>
<th>Water Quality Flow Rate (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Peak Flow Rate (cfs)</td>
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<tr>
<td></td>
<td>Rim Elevation</td>
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<td>Pipe Data</td>
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<td></td>
<td>Pipe Angle</td>
</tr>
<tr>
<td></td>
<td>Inlet</td>
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<tr>
<td></td>
<td>Outlet at 0°</td>
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<tr>
<td></td>
<td><em>Angle is Clockwise from Outlet at 0°</em></td>
</tr>
<tr>
<td></td>
<td>Notes:</td>
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</tbody>
</table>

DESIGN LOADINGS:

1. A. ASME H4-98 (5%) IMPACT
2. B. DESIGN FILL: 5% MAXIMUM
3. C. ASSUMED WATER TABLE: BELOW BOTTOM OF Precast.
4. D. DRY LATERAL EARTH PRESSURE (Qp) = 45 PSF.
5. E. LATERAL LIVE LOAD SURCHARGE = 80 PSF (APPLIED TO 5% BELOW GRADE).
6. F. NO LATERAL SURFACE FROM ADJACENT BUILDINGS, WALLS, PIER, OR FOUNDATIONS.

CONCRETE 28 DAY COMPRRESSIVE STRENGTH SHALL BE 5,000 PSI MINIMUM.

STRENGTH ENFORCEMENT: REBAR, ASTM A-615 OR A-706, GRADE 60.

CEMENT: ASTM C-150 SPECIFICATION.

REQUIRED NATIVE ALLOWABLE SOIL REARING PRESSURE = 2,500 PSF.

REFERENCE STANDARD:

A. ASTM C 680
B. ASTM C 513

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 INCONGRUENT, REVIEWING ENGINEER/AUTHORITY SHALL NOTIFY OLDCASTLE PRECAST™ STORMWATER UPON REVIEW OF THIS SUBMITTAL.

GENERAL NOTES:

1. TREATMENT CAPACITY IS DEPENDENT ON LOCAL REGULATORY REQUIREMENTS. BYPASS CAPACITY IS DEPENDENT ON OUTLET PIPE DIAMETER. CONFORM OLDCASTLE PRECAST™ STORMWATER FOR PROJECT-SPECIFIC TREATMENT AND BYPASS SIZING RECOMMENDATIONS.
2. OVERRUN HOLES TO ACCOMMODATE SPECIFIC PIPE TYPE MUST BE CONCENTRIC TO PIPE. ALL ANNUAL SPACES SHALL BE FILLED WITH A MINIMUM OF 3000 PSI CONCRETE FOR FULL THICKNESS OF PRECAST WALLS.
3. CONTRACTOR RESPONSIBLE TO ENSURE ACCURATE REARING SURFACE IS PROVIDED (I.E. COMPACTED & LEVEL PER PROJECT SPECIFICATIONS)
4. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND HIGHLIGHTS, PLEASE CONTACT OLDCASTLE PRECAST™ STORMWATER.

OLDCASTLE PRECAST

DVS-144S-GI

CUSTOMER: [Customer]

PROJECT: [Project]

PROJECT NUMBER: [Project Number]

DVS-144S-GI-SC

SCALE 3/4

INLET GALLERY 60.00” X 144.00”

OUTLET GALLERY 60.00” X 144.00”

2X 36.00” BOLTED & GASKETED CAST IRON ACCESS COVER, STANDARD.

INLET, #60.00” MAX. PIPE SIZE.

OUTLET, #60.00” MAX. PIPE SIZE.

PLAN VIEW

ELEVATION VIEW

INLET GALLERY 60.00” X 144.00”

OUTLET GALLERY 60.00” X 144.00”

2X 36.00” BOLTED & GASKETED CAST IRON ACCESS COVER, STANDARD.

INLET, #60.00” MAX. PIPE SIZE.

OUTLET, #60.00” MAX. PIPE SIZE.

24.00” X 36.00” GRATED INLET.

24.00” X 36.00” GRATED INLET.

ISOMETRIC VIEW

SCALE 3/4

8.00” [86.00"] MINIMUM DEPTH

72.00” STANDARD HEIGHT INTERNALS

8.00” [86.00"] MINIMUM DEPTH

11.50” [138.00”] TOP SLAB.

PERMANENT POOL LEVEL

12.00” [144.00”] SQUARE

12.00” [144.00”] SQUARE

12.00” MINIMUM WALL THICKNESS

12.00” MINIMUM WALL THICKNESS

14.00” [168.00”] SQUARE

14.00” [168.00”] SQUARE

12.00” MINIMUM

12.00” MINIMUM

50MP

12.00” MINIMUM WALL THICKNESS

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