SC-4 Cut Sheet

Section B
**SITE SPECIFIC DATA**

- **PROJECT NUMBER**
- **PROJECT NAME**
- **PROJECT LOCATION**
- **STRUCTURE ID**
- **WATER QUALITY FLOW RATE (CFPS)**
- **PEAK FLOW RATE (CFPS)**
- **PEAK STORM DURATION (YEARS)**
- **PIPE DATA**
  - **ID**
  - **MATERIAL**
  - **DIAMETER**
- **INLET PIPE**
- **OUTLET PIPE**
- **FLOW ELEVATION**
- **SLUMP ELEVATION**
- **PLOT**
- **SURFACE LOADING REQUIREMENT**
- **FRAME AND COVER**
- **SKINNER WALL WEIGHT**
- **KNOWN GROUNDWATER ELEVATION**
- **NOTES**
  - PER ENGINEER OF RECORD

**GENERAL NOTES**

1. BID DRAW TO PROVIDE ALL MATERIALS UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS, ELEVATIONS, SPECIFICATIONS, AND CAPACITIES ARE SUBJECT TO CHANGE. FOR PROJECT SPECIFIC DRAWINGS DETAILING EXACT DIMENSIONS, WEIGHS, AND ACCESSORIES PLEASE CONTACT BID DRAW.
3. ALTERNATIVE MACHINES OR MANHOLES AVAILABLE UPON REQUEST.

**INSTALLATION NOTES**

1. CONTRACTOR TO PROVIDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO UNLOAD AND INSTALL THE UNIT AND APPURTENANCES IN ACCORDANCE WITH THIS DRAWING AND THE MANUFACTURER'S SPECIFICATIONS. UNLESS OTHERWISE STATED IN MANUFACTURER'S CONTRACT.
2. MANUFACTURER RECOMMENDS A 6"-12" LEVEL, ROCK BASE UNLESS SPECIFIED BY THE PROJECT ENGINEER. CONTRACTOR IS RESPONSIBLE TO VERIFY PROJECT ENGINEER'S RECOMMENDED BASE SPECIFICATIONS.
3. ALL PIPES MUST BE FLUSH WITH INSIDE SURFACE OF CONCRETE. PIPES CANNOT INTRUDE BEYOND FLUSH.
4. ALL CAPS AROUND PIPES SHALL BE SEALED WATER TIGHT WITH A NON-SHRINK GROUT PER MANUFACTURER'S STANDARD CONNECTION DETAIL AND SHALL MEET OR EXCEED REGIONAL PIPE CONNECTION STANDARDS.
5. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF ALL RISERS, MANHOLES, AND MACHINES. ALL COVERS SHALL BE SHIPPED LOOSE. CONTRACTOR TO GROUT ALL MANHOLES AND MACHINES TO MATCH FINISHED SURFACE UNLESS SPECIFIED OTHERWISE.

**PERFORMANCE DATA**

- **TREATMENT FLOW RATE (CFPS)**
- **MET VOLUME (CU FT)**
- **TSS REMOVAL EFFICIENCY**
- **STORAGE CAPACITY (CU FT)**

**STORAGE CAPACITIES**

<table>
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<tr>
<th>CHAMBER</th>
<th>DIAMETER (FT)</th>
<th>AREA (SF)</th>
<th>HEIGHT (FT)</th>
<th>TOTAL (CU FT)</th>
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<tr>
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<td>12.56</td>
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**HYDRODYNAMIC SEPARATOR STANDARD DETAIL**

**SC-4**

**FLOW SPLITTER**

**ACCESS MANHOLE**

**OUTLET PIPE**

**FLOW**

**OUTLET METER**

**OL/FLOATABLES SKIMMER**

**SUMP CHAMBER**

**PLAN VIEW**

**ELEVATION VIEW**