**MOUNTABLE DIKE TYPE 1**

**END VIEW**

- Bulwark and taper of same thickness as tail pipe with 0.079" minimum. Tail pipe of same thickness as downdrain pipe.

**ENTRANCE TAPER - TYPE 1**

- Tapered inlet of same construction and dimensions as Type 1 - Alternative A or B except tail pipe length will be 2'-0".

**ENTRANCE TAPER - TYPE 2**

- Tapered inlet of same construction and dimensions as Type 1 - Alternative A or B except tail pipe length will be 2'-0".

**PLAN**

- Tail pipe of same thickness as downdrain pipe.

**SECTION A-A TYPE 1**

- Dimensions as tabulated below:

<table>
<thead>
<tr>
<th>Dia</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
<td>1-1/2&quot;</td>
<td>2-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
</tr>
</tbody>
</table>

**Planned and Section**

- Corrugated metal tail pipe - 5/8" elbow
- 5/8" coupling or machine bolts
- Flattened or point pipe stages

**END VIEW**

- Slip joint to be same thickness as downdrain pipe.

**PLATE DETAIL**

- Material to be 1/8 plate galvanized after fabrication.

** ALTERNATIVE A**

- CORRUGATED METAL PIPE DOWNDRAIN ANCHOR ASSEMBLY

- Cable and cable clamps to be used as required by the Special Provisions.

**NOTES:**

1. Either Alternative A or Alternative B anchor assemblies and pipe stakes may be used at Contractor's option for corrugated steel pipe or corrugated aluminum pipe. Alternative A anchor assembly only to be placed in angular corrugation. Alternative A anchor assembly may be placed on annular coupling band if securely fastened on downstream side of joint. Alternative B anchor assembly to be fastened to pipe sections and not to a band coupler used to join sections.

2. For cable anchorage system details, see Standard Plan D87C.

**CORRUGATED METAL PIPE DOWNDRAIN DETAILS**

- No Scale

**STATE OF CALIFORNIA**

**DEPARTMENT OF TRANSPORTATION**

**2010 STANDARD PLAN D87A**

**MOUNTABLE DIKE TYPE 2**

- (For use on full freeway sections only with grades of 2% or greater)