FEATURES:

- **FIELD INLET FRAME & GRATE**
  - To be supplied for storm drain manholes where field inlets are specified.
  - Field inlet frames and grates shall have a minimum total weight of 525 lbs.

- **MANHOLE LID FRAME AND GRATE**
  - Designed to accommodate manhole lids.
  - Provides structural integrity for the manhole assembly.

- **Curb Inlet Frame and Grate**
  - Suitable for storm drain manholes Type I, Type II, and Type III where curb inlets are specified.

**NOTES:**

1. Details shown are to indicate general design only. Dimensions and design may vary among the manufacturers, except that inlet grates shall be within A's of dimensions shown on this drawing.

2. Manhole lids shall be 32" in diameter and may be used with field inlet frames.

3. Type A field inlet frame inside dimensions shall be 24" x 36".

4. Grates shall be bicycle safe. Where high capacity grates are called for on the plans, they shall conform to Std. AASHTO D-25.

5. Frame and grate casting types are identified by the following abbreviations:
   - GL = Curb Inlet
   - AL = Field Inlet
   - MN = Manhole

6. Frame and grate sections shall conform to Std. AASHTO D-25 for on grade or on road conditions.

7. These are the standard frames and grates to be used unless shown otherwise on the drainage plans or drainage structure summary.

**REQUIRED FRAME AND GRATES**

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>INLET TYPE</th>
<th>CURB TYPE</th>
<th>TYPE FRAME AND GRATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>INLET BOX, TYPE A</td>
<td>Curb</td>
<td>Mountable</td>
<td>Standard Curb Inlet</td>
</tr>
<tr>
<td></td>
<td>Field</td>
<td>Curb</td>
<td>Depressed Curb Inlet</td>
</tr>
<tr>
<td></td>
<td>Field</td>
<td>Field</td>
<td>Field</td>
</tr>
<tr>
<td>STORM DRAIN MANHOLES</td>
<td>Curb</td>
<td>Mountable</td>
<td>Mountable Curb Inlet</td>
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<tr>
<td>TYPE I AND II</td>
<td>Field</td>
<td>Curb</td>
<td>Expressway Curb Inlet</td>
</tr>
<tr>
<td></td>
<td>Field</td>
<td>Curb</td>
<td>Field</td>
</tr>
<tr>
<td></td>
<td>Manhole</td>
<td>Manhole</td>
<td>Field</td>
</tr>
</tbody>
</table>

**Details**

- Designed using the State of Alaska Dot&PF Standard Plan.
- Applicable to all manhole frame and grate details.
- Illustrated in conformity with State of Alaska regulations.
- Subject to change without notice.

**State of Alaska DOT&PF**

**Aklaska Standard Plan**

**Storm Drain Manhole Frame and Grate Details**

- Adopted by the State of Alaska
- Standard Plan Inc.
- Not to Scale

**Adopted Date:** 02/04/2009
**Last Code and Style Review:** 02/04/2009
**Next Code and Standard Review:** 02/04/2029

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**Concrete:**

- Cast in place.
- Hardened concrete.
- Smooth finish.

**Grates:**

- Bicycle safe.
- High capacity as specified.

**Frames:**

- Mountable.
- Field type.
- Curb and manhole types.

**Notations:**

- A's of dimensions shown on the drawing.
- Details shown are general guidance.
- Dimensions may vary.