TABLE 1

<table>
<thead>
<tr>
<th>Pipe Diameter (In)</th>
<th>No. of Pipe Diameters</th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>3</td>
<td>2.5</td>
<td>5.0</td>
</tr>
<tr>
<td>10</td>
<td>3</td>
<td>2.5</td>
<td>5.0</td>
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<tr>
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<td>2.5</td>
<td>5.0</td>
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<tr>
<td>14</td>
<td>3</td>
<td>2.5</td>
<td>5.0</td>
</tr>
<tr>
<td>16</td>
<td>3</td>
<td>2.5</td>
<td>5.0</td>
</tr>
<tr>
<td>18</td>
<td>3</td>
<td>2.5</td>
<td>5.0</td>
</tr>
<tr>
<td>20</td>
<td>3</td>
<td>2.5</td>
<td>5.0</td>
</tr>
</tbody>
</table>

THIS DRAWING IS AN EXAMPLE ONLY AND IS NOT TO BE INCLUDED IN A PROJECT DRAWING PACKAGE.
NOTE: When a Surge Relief Valve is used in lift stations design, the Surge Relief Valve Position as illustrated in this figure corresponds to that shown for illustration in Fig. 6.5.2.1 and Fig. 6.5.2.2.

**SECTION**

- Surge Relief Valve
- Reducer
- 90° Elbow (up)
- Plug Valve
- Reducer
- Lift Station: Header Fittings
- Lift Station: Header Fittings
- Valve Vault
- Restrains as directed by AIC Pump, Level Transfer Station, and Wet Well Functional

**Typical Surge Relief Valve Installation Details**

**Typical Surge Relief Valve for Stations Without Valve Vault**

**Typical Surge Relief Valve for Stations with Valve Vault**

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**Typical Surge Relief Valve Installation Details**

**Design Reference:**
- CITY OF HOUSTON
- Design Group: BRINN
- Sheet No. 06060

**City of Houston:**
- Department of Public Works and Engineering
- Building Central District Engineering

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**Typical Surge Relief Valve Installation:**

- City of Houston
- Design Group: BRINN
- Sheet No. 06060

---

**REV:**
- 06060

**COD:**
- 06060

**ENCOD:**
- 06060

**DRAWN BY:**
- City of Houston

**CHECKED BY:**
- City of Houston

**APPROVED BY:**
- City of Houston

---

**Sheet No.:**
- 06060

**Scale:**
- 1:100

**Drawn By:**
- City of Houston

**Checked By:**
- City of Houston

**Approved By:**
- City of Houston

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TYP CATHWALK (SEE NOTE B)

TYP HANDBRACE SUPPORT DETAIL

TYP TOE KICK PLATE DETAIL

SCALE 1/2" = 1'-0"