**GENERAL NOTES**

1. For additional information contact Gibraltar, Inc. at 1-800-495-8957, 830-798-5444, or see the manufacturer's product manual.
2. All concrete shall be CLASS A.
3. The Cable Barrier System shall be installed on shoulders or on medians with slopes of 6:1 or flatter.
4. The Cable Barrier System is approved by the Texas Test Level - 3.
5. See the Texas MUTCD for proper "Barrier" delineation.
6. Rock Ties/Wire: Solid rock is not acceptable.
   - For post set, continue digging 12" diameter, 36" deep into rock or the required plan depth, whichever comes first.
   - For driven post, core drill a 4" diameter hole 36" deep into rock or the required plan depth, whichever comes first.
   - For anchor post, continue digging 24" diameter, 36" deep into rock or the required plan depth, whichever comes first.
7. Tolerances:
   - ± 3" out of plumb, at top
   - ± 1-1/2" (anchor post), ± 1-1/2" (drilled anchor post)
8. The Gibraltar cable barrier system shall be installed in accordance with NCHRP Report 550 standard-composed soil. Soil must be well drained.
9. All non-reinforced by others unless specified.
10. Minimum recommended post foundation:

**CABLE TENSION CHART**

<table>
<thead>
<tr>
<th>Cable Tension</th>
<th>10'</th>
<th>20'</th>
<th>30'</th>
<th>40'</th>
<th>50'</th>
<th>60'</th>
</tr>
</thead>
<tbody>
<tr>
<td>lbs.</td>
<td>4000</td>
<td>8000</td>
<td>12000</td>
<td>16000</td>
<td>20000</td>
<td>24000</td>
</tr>
</tbody>
</table>

**DEFORMATION - Post Tensioning**

<table>
<thead>
<tr>
<th>Deformation</th>
<th>Post Tensioning</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' &amp; 10'</td>
<td>20 ft</td>
</tr>
<tr>
<td>10' &amp; 15'</td>
<td>12 ft</td>
</tr>
<tr>
<td>15' &amp; 20'</td>
<td>10 ft</td>
</tr>
</tbody>
</table>

**ALLOWABLE DEVIATION FROM CHART +/- 10%**