Not allowed: flexible pipe or corrugated stainless steel tubing (CSST)

☑ Inspection
☐ All fire pit appliances shall be listed devices by American gas association.
☐ Install a listed pressure regulator device for unlisted fire ring based on the BTU rating of the ring. (AGA). CPC 301.1
☐ Dedicated line from meter to fire pit or provide isometric drawing showing compliance with table 12-8.
☐ Underground metallic gas piping requires an approved dielectric fitting located at least 6” above grade. CPC 316.2.4
☐ Provide accessible listed shutoff valve within 6’ of appliance. CPC 1212.4
☐ Underground metallic pipe shall be primed and taped with 40 mil tape at all joints and extend a minimum 6” above grade.
☐ Under structure gas piping shall be sleeved and vented with a minimum schedule 40 pipe. See “Under Structure Gas Piping” guidelines. CPC 1211.1.6
☐ Prior to inspection provide gas test at meter with a 15 # gauge with 1/10 pound increments and pump to 3 lbs. for 15 minutes. See “Whole House Gas Test” guidelines. CPC 1214.3.1,2,3

Submit the following to the City of Palo Alto Building Division for approval prior to installation:
- For installation of City of Palo Alto utilities approval is required for proper sizing of gas service and meter. Contact the Water Gas & Wastewater (WGW) division of Utilities at 1003 Elwell court, Palo Alto, (650) 566-4501
- A single line diagram of the gas piping system that includes all sizes, pipe lengths and BTU rating for all gas appliances.
- Provide manufacturer’s installation instructions for the fire pit appliance identifying the make and model number with gas demands.
- Provide existing gas meter size.
- See example of a single line diagram and demand calculations next page.
EXAMPLE OF A SINGLE LINE DIAGRAM AND DEMAND CALCULATIONS

<table>
<thead>
<tr>
<th>TOTAL DEMAND</th>
<th>580,000 BTU</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXISTING GAS METER SIZE</td>
<td>250,000</td>
</tr>
</tbody>
</table>

Based on the above calculations, gas meter needs to be upgraded.