# PP 610 X 12.70 Steel Pile

**Bill of Material for One PP 610 X 12.70 Steel Pile**

<table>
<thead>
<tr>
<th>Description</th>
<th>STD. NO.</th>
<th>QTY</th>
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</thead>
<tbody>
<tr>
<td>#13 S1 Bar</td>
<td>SPP4SM</td>
<td>6</td>
<td>100</td>
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<tr>
<td>#19 V1 Bar</td>
<td></td>
<td>250</td>
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**Dimensions:**
- **Pipe Pile Diameter:** 610mm
- **Wall Thickness:** 19.05mm

**Notes:**
- Steel pile piles shall be of uniform diameter and meet the requirements of either A36, Grade 50, or Grade 30, yield strength.
- Galvanized steel pipe piles in accordance with Section 4.0 of the Standard Specifications unless utilization of hot-dip galvanizing or metallizing, pipe pile plates, or any other protective measures are not required.
- Steel pipe piles shall be in accordance with the standard specifications and are galvanized.
- The reinforcing steel should be of Class A or higher, and water-proof concrete should be used for concrete plugs.

**Pipe Pile Plate Details:**
- The pipe pile plate details are as follows:
  - Class A Concrete Plug
  - Steel Pile Plate (if applicable)

**Elevation:**
- PP 610 X 12.70 Galvanized Steel Pile

**Plan:**
- Plan view of the PP 610 X 12.70 Galvanized Steel Pile

**Pipe Pile Splice Details:**
- Pipe pile splices shall be in accordance with the standard specifications and AWS D1.1.

**Additional Notes:**
- For closed end pipe piles, remove all soil and water from inside the piles prior to placing the reinforcing steel and concrete for the concrete plug.
- For open end pipe piles, remove enough soil and water from inside the piles to construct the concrete plug without fouling the concrete.
- The reinforcing steel, class A concrete, galvanizing, and galvanized steel pipe piles, if required, are considered incidental to the contract unit price bid per meter for PP 610 X 12.70 galvanized steel piles.