NOTES:
1) REFER TO SECTION 13110 OF THE SPECIFICATIONS
2) BOND WIRE SIZE SHALL BE No. 6 AWG WITH HMWPE INSULATION UNLESS OTHERWISE SPECIFIED
3) NUMBER OF BOND WIRES THAT COMPLETELY SPAN THE FITTING SHALL BE:

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>NO. OF WIRES</th>
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<tr>
<td>LESS THAN 750mm (30&quot;)</td>
<td>2</td>
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<tr>
<td>750mm (30&quot;) OR GREATER</td>
<td>3</td>
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4) ONE ADDITIONAL WIRE REQUIRED AT IN-LINE VALVE, COUPLING OR ADAPTOR AS SHOWN
5) BOND WIRES SHALL BE OF MINIMUM LENGTH, LAY WIRE AGAINST PIPE AND FITTINGS WITHOUT BRIDGING OVER FLANGE, COUPLING OR JOINT
6) ALL BURIED VALVES, FLANGES (NON-INSULATING), COUPLINGS AND OTHER NON-MORTAR COATED FITTINGS SHALL BE DOUBLE WRAPPED IN 8 MILL POLYETHYLENE SHEET UNLESS OTHERWISE DIRECTED. THE POLYETHYLENE SHEET SHALL BE LOOSELY WRAPPED OVER BOND WIRES SUCH THAT IT DOES NOT BRIDGE AND TEAR ACROSS IRREGULAR SURFACES FROM SOIL PRESSURE. OVERLAP PIPE COATING 150mm (6") AND SECURELY TAPE EDGE OF PLASTIC TO PIPE
7) EXOTHERMIC WELDS SHALL BE 75mm (3") APART MINIMUM. INSTALL AND TEST WELDS PER WC-01
8) DO NOT INSTALL BOND WIRES ACROSS INSULATING JOINTS

BURIED MECHANICAL JOINT BONDING DETAIL FOR METALLIC PIPELINES