Installation Sequence:
1. Cut ribbon anodes to length shown and bare internal wire at center.
2. Install ribbon anodes flat on sand as shown. Note that spacing varies.
3. Install No. 4 AWG header cable over the top of the ribbon anode, barrier the wire, making split bolt connection at each intersection with ribbon anode and covering with mastic pad.
4. Install 3 reference cells laying flat at center of tank 6'-3" from center and about 11'3" from center as shown. Keep reference anode indoors until time of installation to prevent freezing. After bedding anode in place but before covering pour minimum of 5 gallons of distilled water over it. Then immediately cover with about 4-inches of sand. Compacted sand can then be added up to final grade.  
5. Run header cables, reference anode wires, and negative ground into J-box via rigid galv. steel conduit.
6. Make cadweld connection to steel tab welded to top of tank bottom plate after tank is put back in place.
7. See also 9-13-94 Corropro letter & details in HARCO sheet on reference anodes.

<table>
<thead>
<tr>
<th>Tank</th>
<th>Magnesium Ribbon Anode length, typ.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1'</td>
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<tr>
<td></td>
<td>1.5'</td>
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<tr>
<td></td>
<td>2' typ.</td>
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<td>1.5'</td>
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<td>1'</td>
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</tbody>
</table>

Section
(Provide 2-3 crown in final sand grade at center of tank.)

Total ribbon req'd:
- 2 @ 8' = 16'
- 2 @ 14' = 28
- 2 @ 19' = 36
- 2 @ 21' = 42
- 2 @ 23' = 46
- 2 @ 23.5' = 47
- 1 @ 24' = 24
- 1 @ 249' = 249

Arch Fuel Tank
Rebake 9-29-94 WSS 5
J-Box
RE South wall of concrete containment dike