



**GENERAL NOTES**

- 1) All pressure retaining welds will be performed by welders qualified in accordance with Section IX of the ASME Boiler and Pressure Vessel Code. Welding procedures will also be qualified in accordance with Section IX.
- 2) The pile shell may be single or multiple course.
- 4) The normal operating pressure of the unit is <500 psi. The maximum shipping and storage pressure is 650 psi. Pneumatic test at 715 psi.
- 5) Manufacturing tolerances to be in accordance with AFI Standard Thermopile Fabrication Tolerances dated 8/1/95.
- 6) Finish the top 8 feet of the piles with H. B. Fuller IF-1074 fusion bond epoxy over 3 mils of flame sprayed aluminum applied per AWS C2.2. Extend the flame sprayed aluminum two feet below the epoxy. Brush blast mill finish off bearing zone of piles.
- 7) Charge Thermopiles with R-744 per AFI standard procedure.

<b>UNAVCO Plate Boundary Observatory</b>		
Proposal Drawing 4" Thermopiles		
For: UNAVCO PBO		Job No. 2006-PP
ARCTIC FOUNDATIONS, INC. 5621 Arctic Boulevard Anchorage, Alaska 99518-1667		No Scale
Covered by one or more of the following US Patents: 3,217,791    3,706,204    3,797,257 4,067,198    5,172,587    5,190,098 5,238,053		Drawn By: EY
		08/18/2006
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