

**US Army Corps
of Engineers
Baltimore District**

Fort Detrick Remedial Investigation/Feasibility Study

**Restoration Advisory Board Meeting
12 September 2001 7:30 PM
Fort Detrick, Frederick, Maryland**

Area B Removal Action Update



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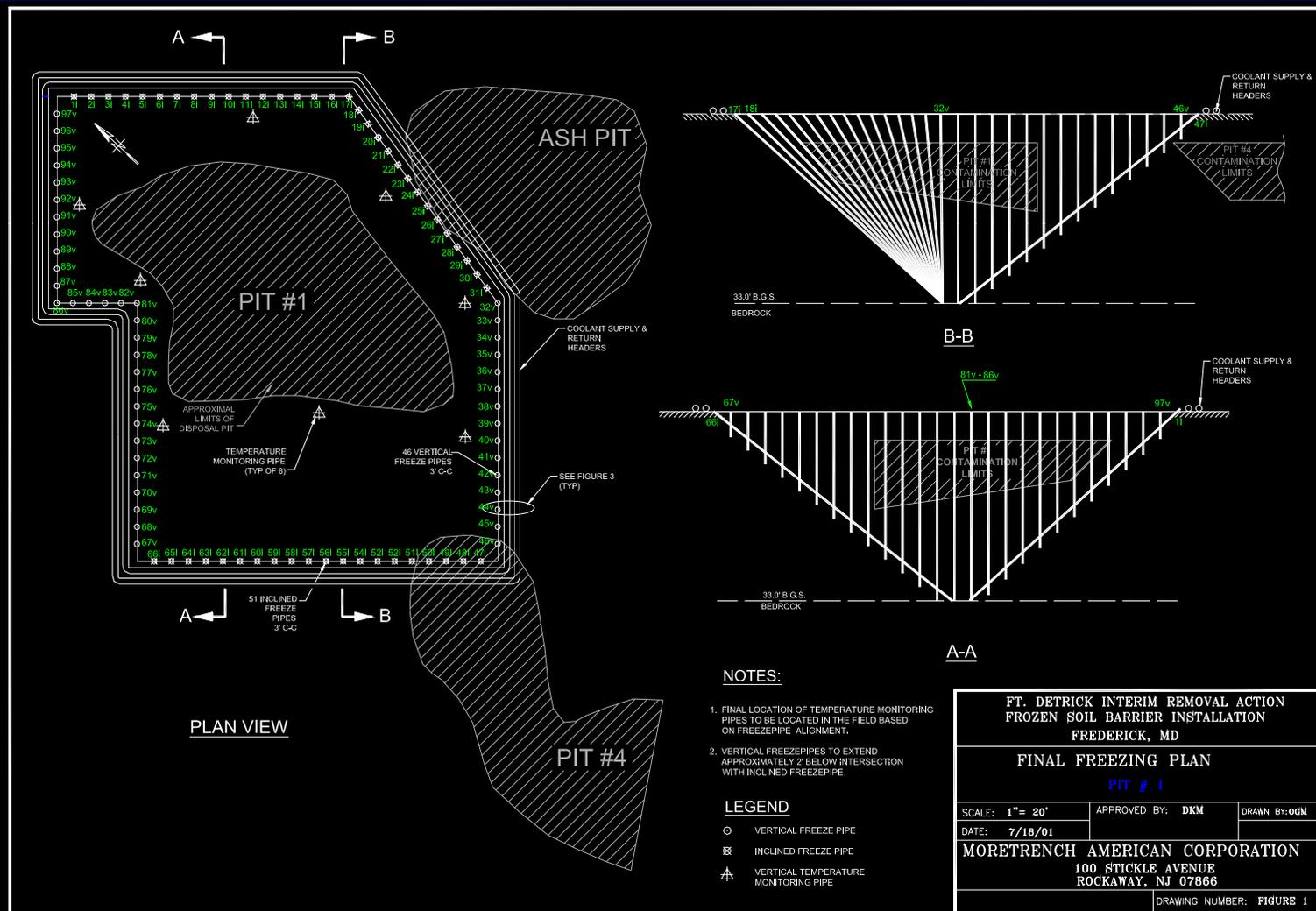
MAJOR ACCOMPLISHMENTS JULY- AUGUST 2001

- Installation of freeze wall pipes
- Testing of freeze wall pipes
- Installation of water line
- Installation of Electrical service



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Freeze Wall Design





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Freeze Wall Pipe Installation

Pipes installed using directional drilling.
Respirators and supplied air required.





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Freeze Pipe Manifolds and Refrigeration Unit



Electrical Service Completed

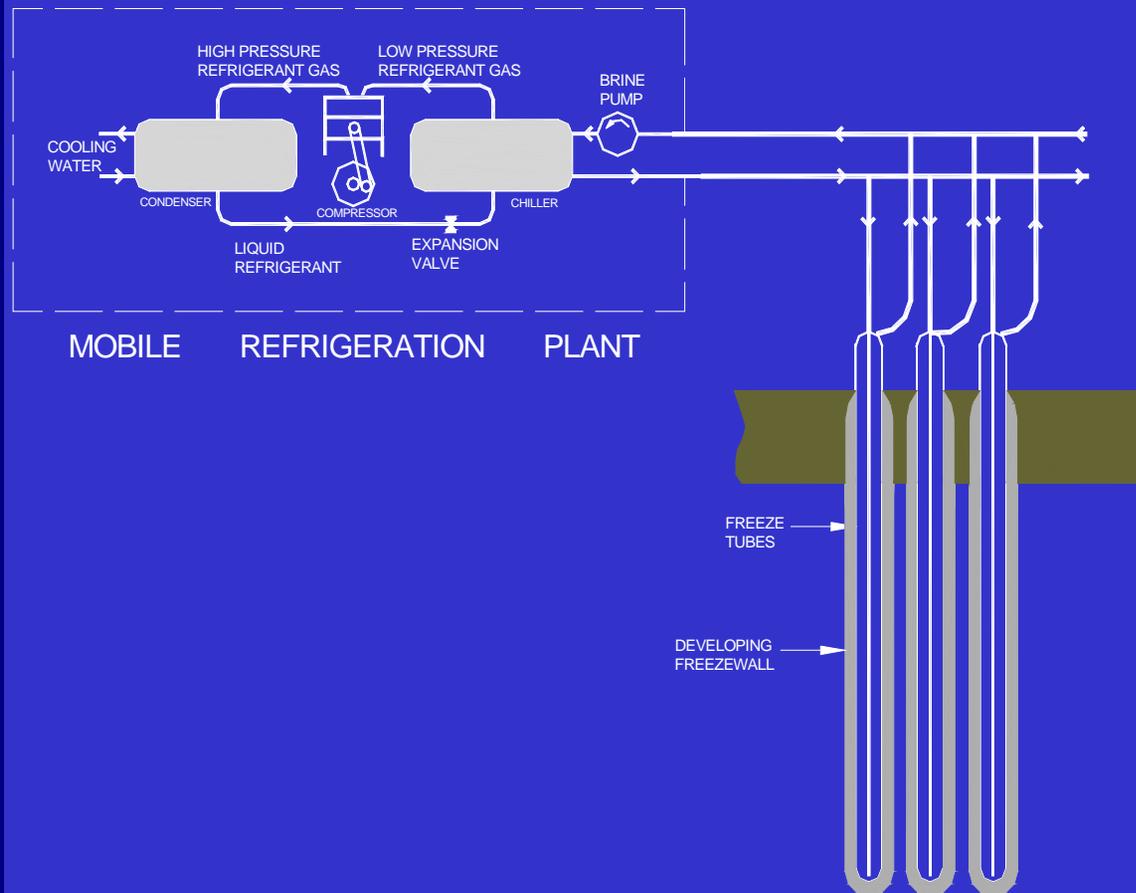




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Detail of the Freezing System

BRINE FREEZING SYSTEM



Chilled brine travels through inner pile and returns through outer pipe that is in contact with soil.



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Area B-11 Removal Action Schedule

- **Initiate Freeze Down Mid September**
- **Move Structure – 3rd week September**
- **Install Air Treatment system – Complete by mid October**
- **Start excavation – End of October – November**



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Area B Funding Status



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Fort Detrick RI/FS

Area A Decision Document

- **Two Area A Decision Document were produced.**
 - **Area A Groundwater**
 - **Area A Seven No Further Action Sites**
- **Both Documents were approved by Major General John S. Parker on 24 July 2001**
- **Documents are Available at Repositories for inspection.**
- **Area A Next Steps:**
 - **Work Plans for the long-term monitoring of groundwater (Complete Dec 01)**
 - **Start long-term monitoring (Jan 01)**



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Area C Status Update

- **Proposal for close-out of ecological risk assessment in preparation.**
- **One groundwater well has been resampled due to the presence of dioxin/furans initial sample. Currently waiting on validation of this data.**
- **Human health risk assessment and remainder of RI pending additional funding for completion**