



Idaho CERCLA Disposal Facility Expansion Project Update

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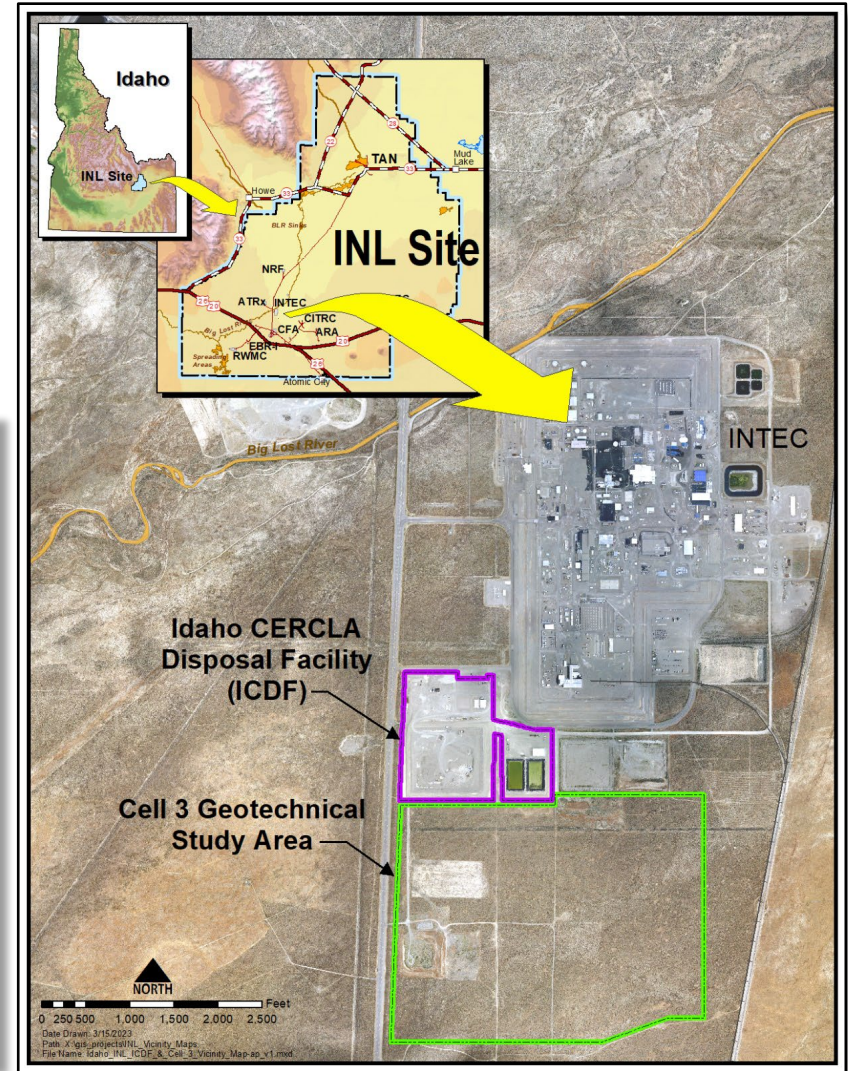
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Purpose of the Idaho CERCLA Disposal Facility (ICDF)

The ICDF provides consolidation and containment of waste for long-term protection of human health and environment



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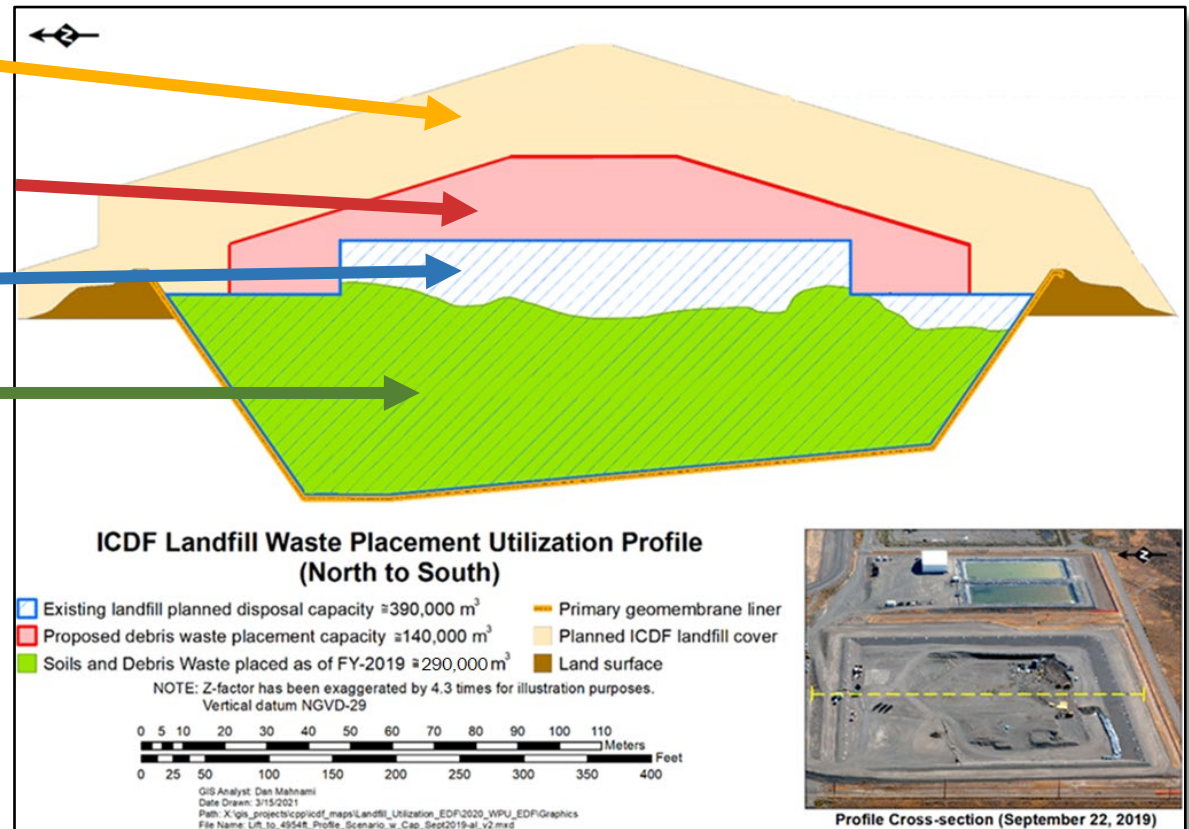
ICDF Expansion Project - Scope

- Increase the disposal capacity in the existing landfill cells (1&2)
 - Add 140,000 m³ waste capacity
 - No change in cover/cap design
 - Continue to meet the Applicable or Relevant and Appropriate Requirements (ARARs)
- Add new landfill cell (cell 3) and evaporation ponds
 - Use design of existing landfill cells and evaporation ponds
 - Adds 530,000 m³ of landfill disposal capacity
 - Use cover/cap design
 - Meets ARARs
- Extend operational life of ICDF complex from 2025 to 2050



Increasing Disposal Capacity for Landfill Cells 1&2

- No change in cover/cap design
- Add potential waste capacity ~140,000 m³
- Remaining disposal capacity ~80,000 m³
- Placed Soils and Debris Waste ~310,000 m³



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Landfill Cell 3 and Evaporation Ponds - Schedule

- Design

- Final Remedial Design/Construction Work Plan (RD/CWP) for Landfill and Evaporation Pond Construction (December 2023)

- Construction

- Site Preparation Activities (August 2023 – July 2024)
- Evaporation Pond construction (April 2024 – November 2024)
- Clay Test Pad construction and testing (July 2024 – September 2024)
- Utilities and infrastructure construction (April 2024 – November 2024)
- Crest Pad Buildings (Cell and Evaporation Ponds) construction (July 2024 – October 2024)
- Landfill Cell 3 construction (March 2025 – September 2025)
- Aquifer Monitoring Wells installation (October 2024 – June 2025)

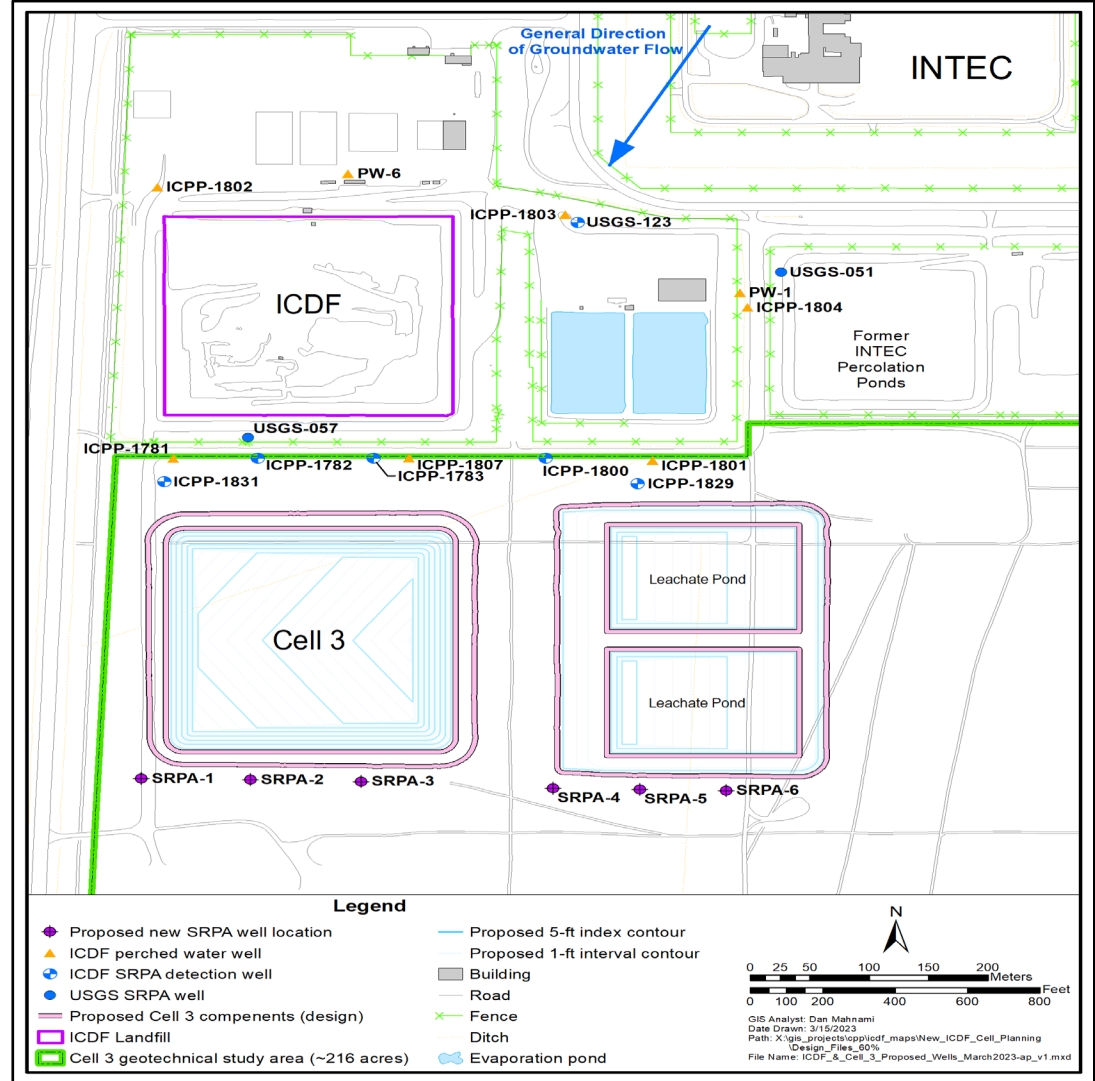
- Startup

- Systems Testing (June 2025 – September 2025)
- Turnover to Operations (December 2025)

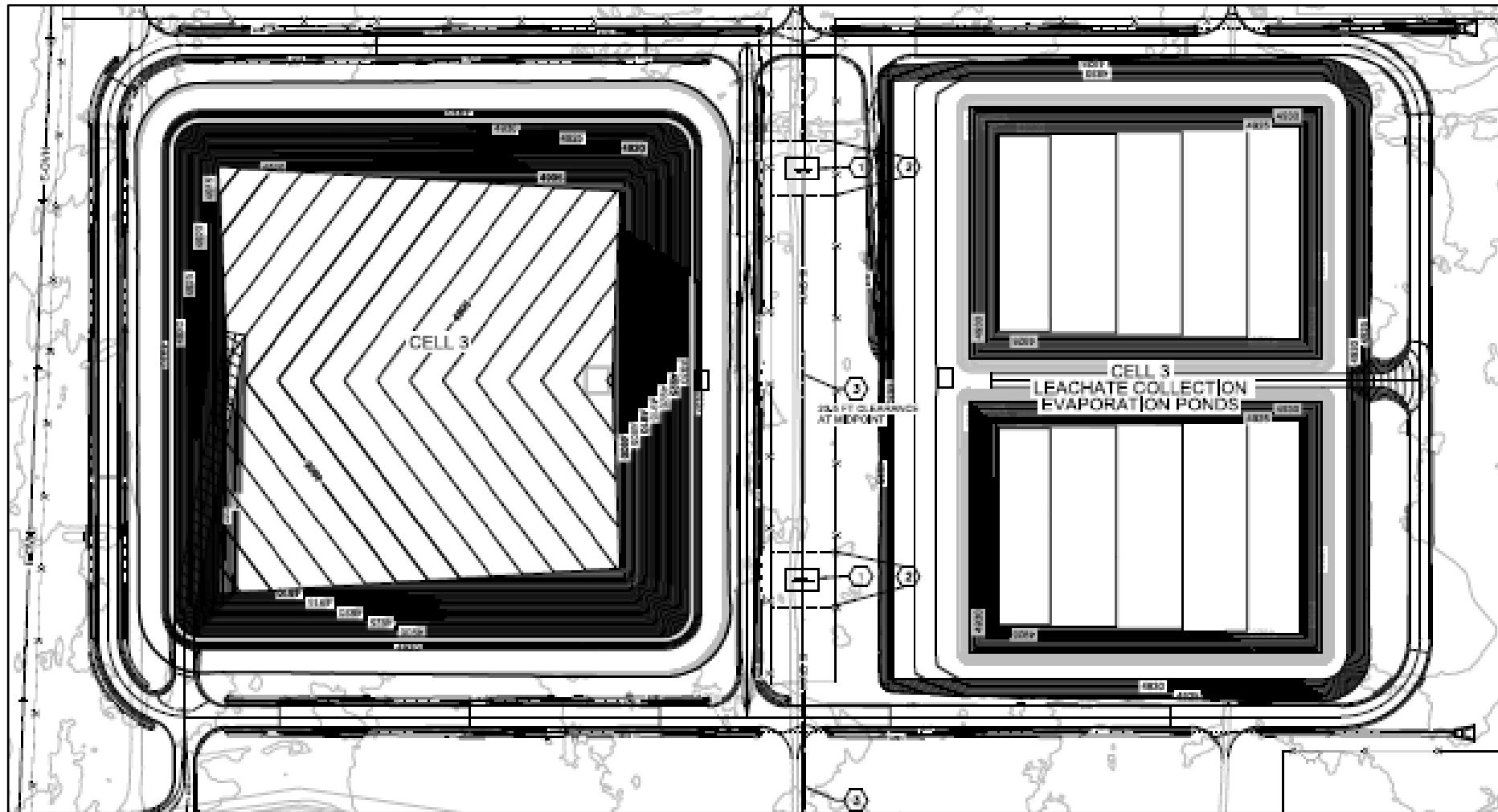


ICDF Landfill Cell 3 and Evaporation Ponds - Design

- Located south of the existing ICDF facilities
- Bottom of cell 3 lowered and berm height reduced
- New evaporation ponds larger & interconnected with existing ponds for better leachate management
- Six new wells to monitor aquifer



ICDF Landfill Cell 3 and New Evaporation Ponds Orientation

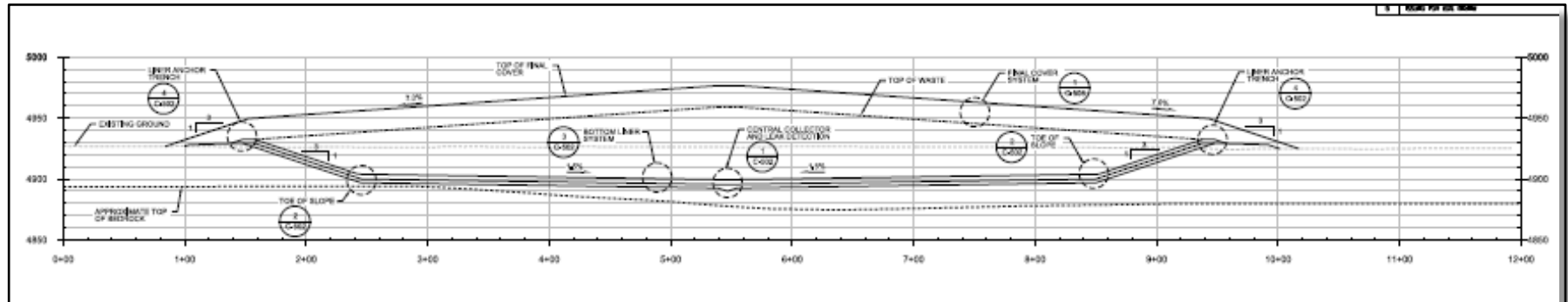


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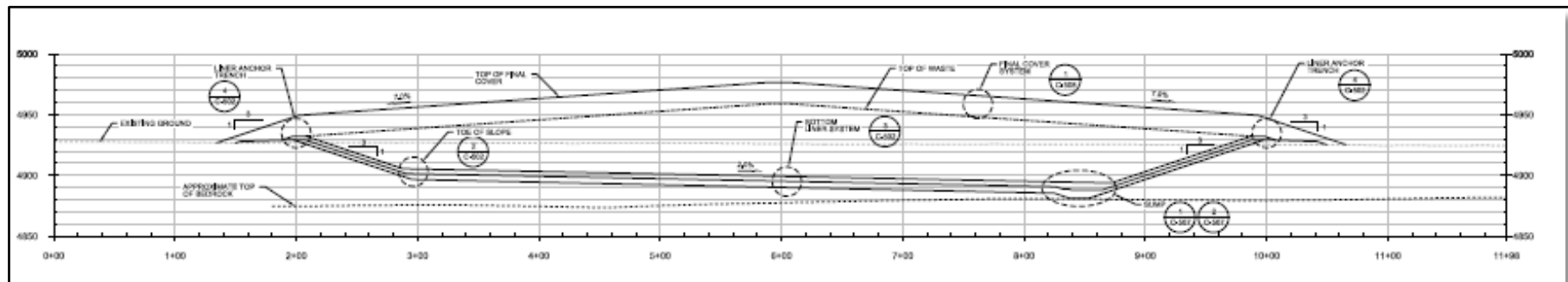
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Lower Bottom and Reduced Berm Height of Landfill Cell 3



North – South Cross-Section



West – East Cross-Section

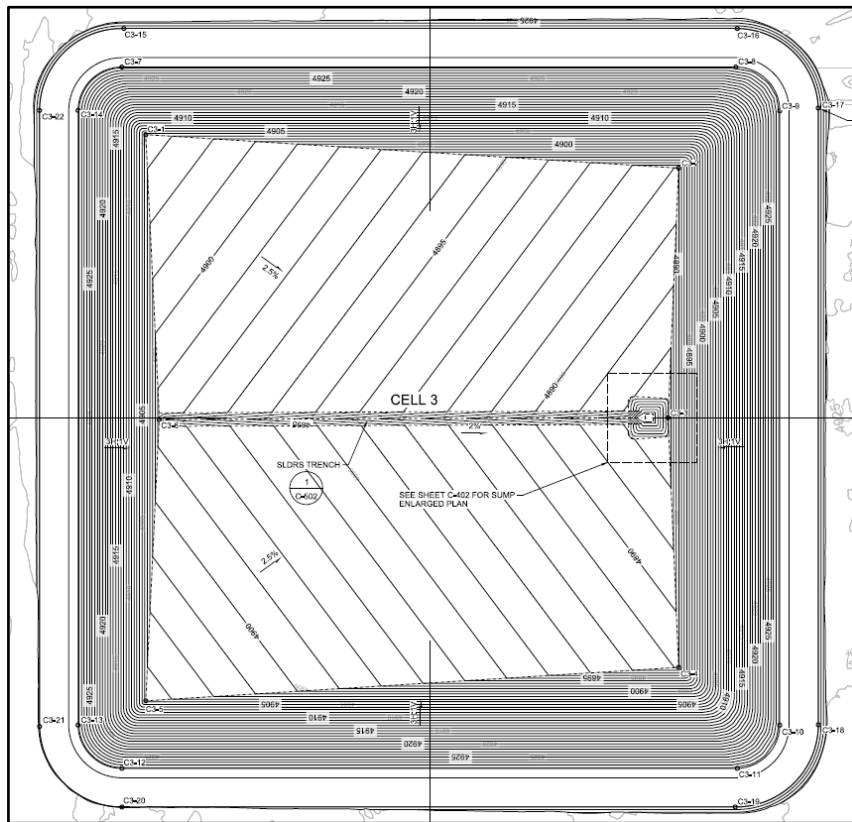


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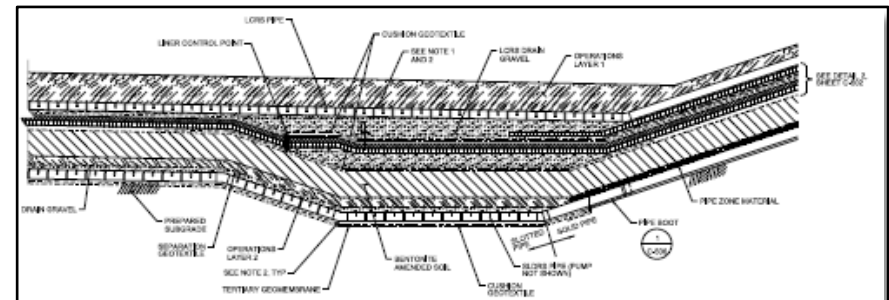
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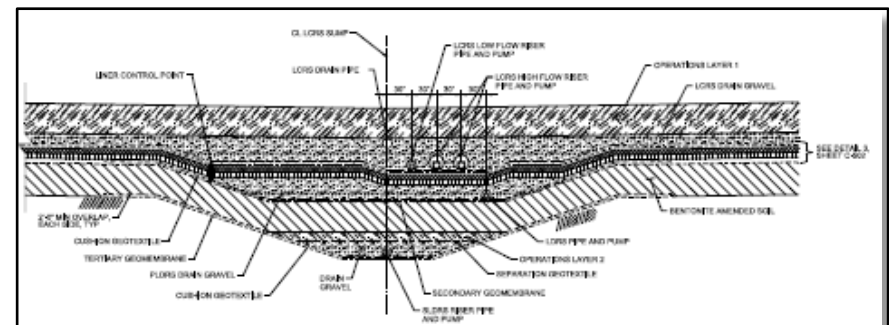
Improved Leachate Collection Sump



Landfill Cell 3



West – East Cross-Section



North – South Cross-Section



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Cell 3 and Evaporation Ponds – Site Preparation Kickoff



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Cell 3 and Evaporation Ponds – Equipment Mobilization



Cell 3 and Evaporation Ponds – Clearing and Grubbing



Cell 3 and Evaporation Ponds – Excavation



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Cell 3 and Evaporation Ponds – Excavation



Questions?

