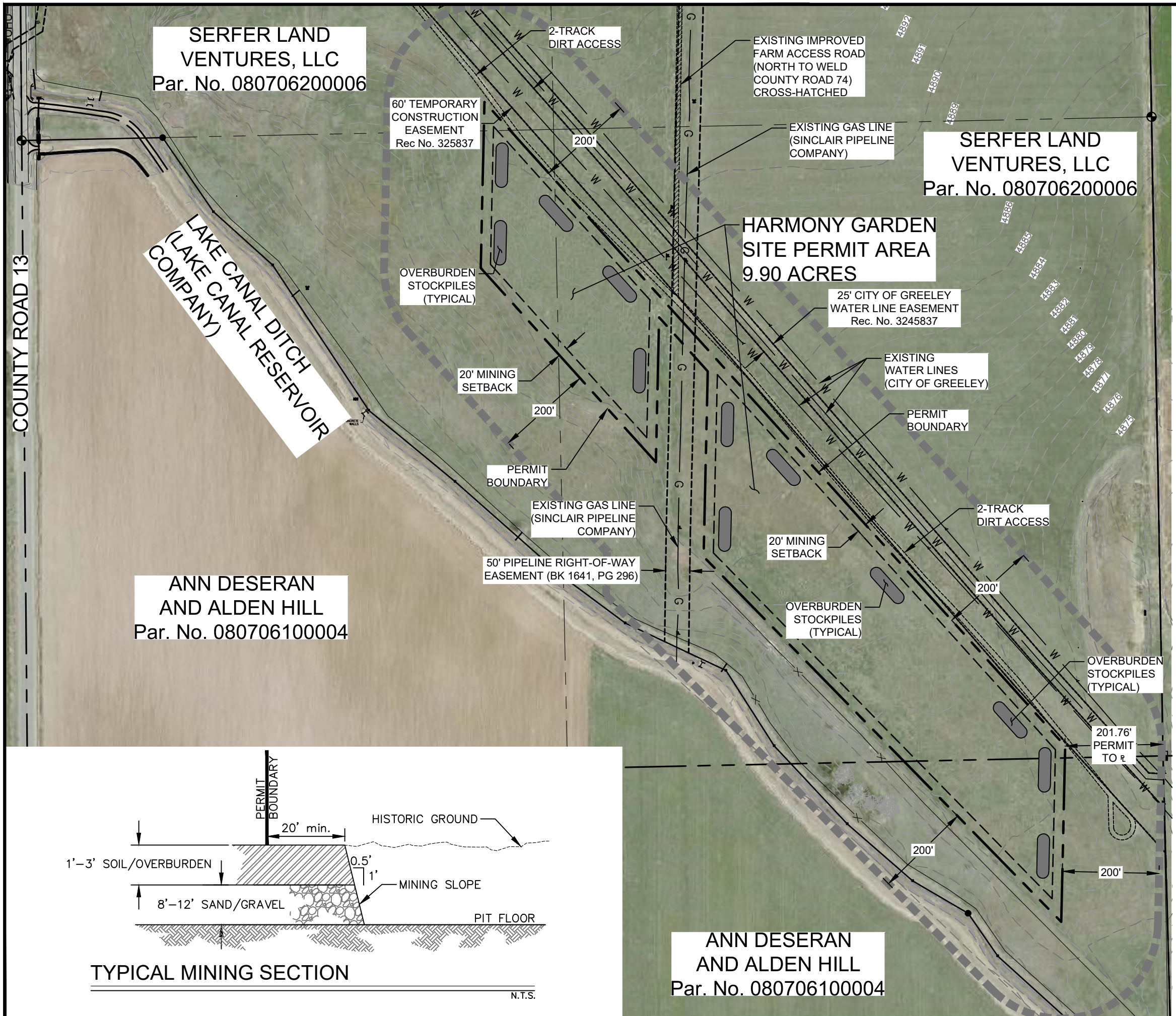
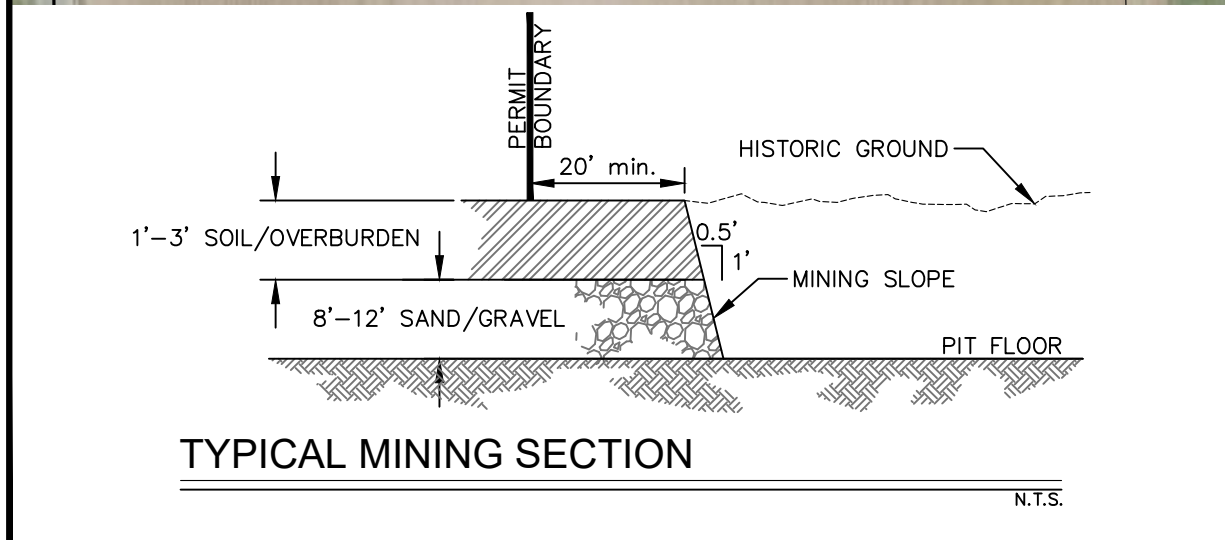




- NOTES:**
1. The proposed permit boundary encompasses approximately 9.9 acres with only about 7.7 acres currently planned for mining.
 2. Material processing is not expected to take place on site, however a portable processing facility for product screening may be brought to the site and used as needed. The facilities will be located within the pit close to where active mining is occurring. A mine office/scale house trailer will be established near the site entrance.
 3. Groundwater is not expected to be encountered during mining.
 4. Soils in the proposed permit area include Olney fine sand loam and Cascajo gravely sandy loam.
 5. Vegetation within the proposed permit area is generally classified as being from a prairie shrubland ecoregion, but previous disturbances have greatly changed the native vegetation character of the site.
 6. The Lake Canal Ditch is near the south side of the proposed permit boundary, but the proposed mining operation does not anticipate any impacts to the ditch or surrounding groundwater hydrology.
 7. Best Management Practices will be used to limit discharge of stormwater and sediment onto adjacent properties and waterways.

- LEGEND:**
- Permit Boundary
 - - - Mining Setback Line
 - █ Permit Buffer Line
 - - - Existing Easement Line
 - G — Existing Gas Line
 - W — Existing Water Line
 - ==== Existing Dirt Access
 - Overburden Stockpiles



**ANN DESERAN
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