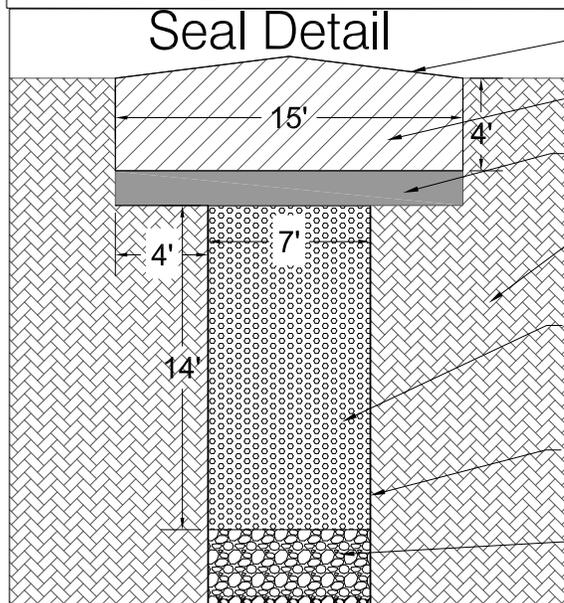
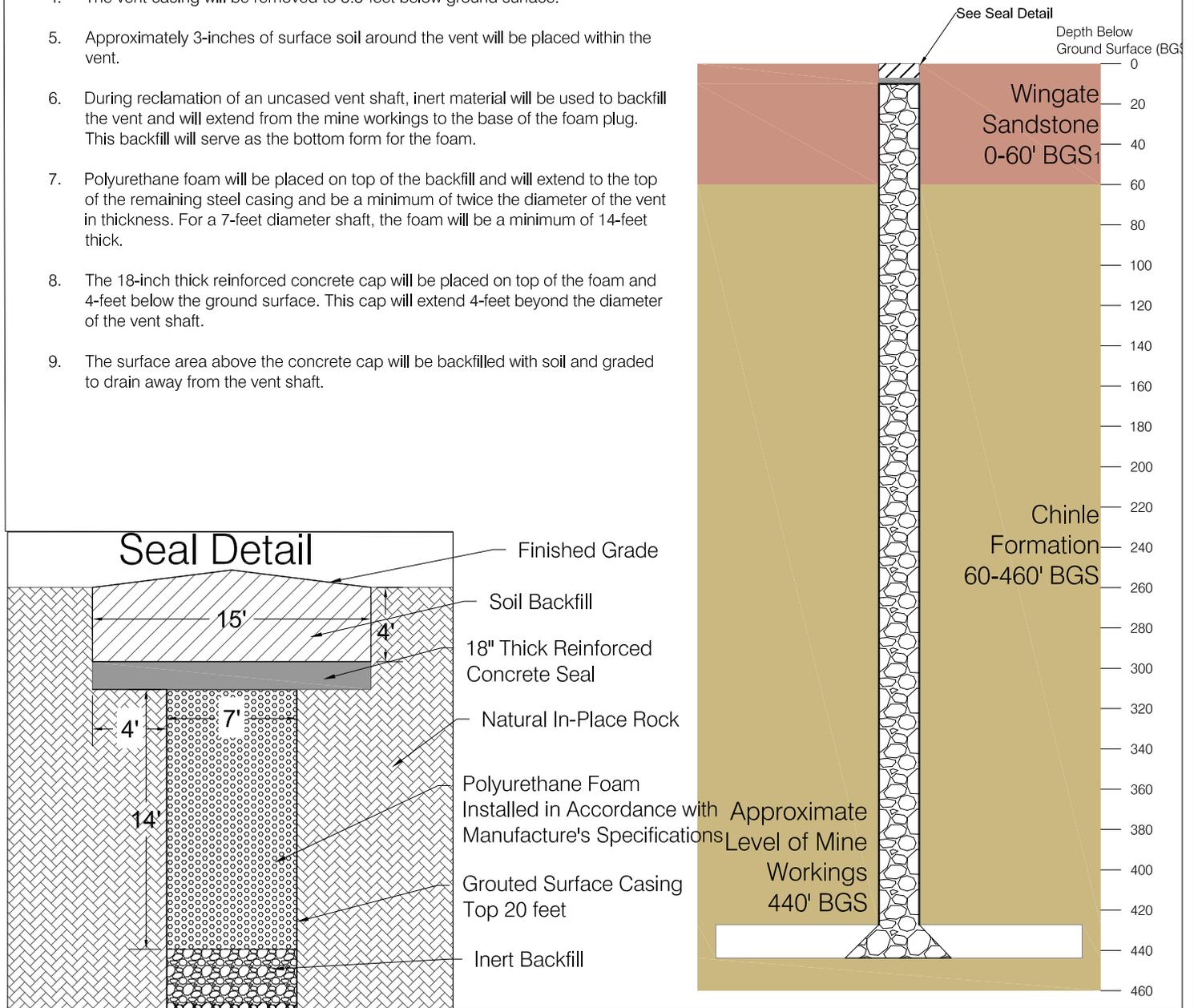
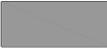


Notes:

1. The Wingate Sandstone varies between 0 feet and greater than 1000 feet thick in the area of the Daneros Mine.
2. The 2 existing vents are 7 feet in diameter and are cased. Future vents are expected to be 7 feet in diameter. All vents will be cased for the top 20-feet.
3. The concrete foundation for the vent shroud will be broken and placed within the vent.
4. The vent casing will be removed to 5.5-feet below ground surface.
5. Approximately 3-inches of surface soil around the vent will be placed within the vent.
6. During reclamation of an uncased vent shaft, inert material will be used to backfill the vent and will extend from the mine workings to the base of the foam plug. This backfill will serve as the bottom form for the foam.
7. Polyurethane foam will be placed on top of the backfill and will extend to the top of the remaining steel casing and be a minimum of twice the diameter of the vent in thickness. For a 7-foot diameter shaft, the foam will be a minimum of 14-feet thick.
8. The 18-inch thick reinforced concrete cap will be placed on top of the foam and 4-feet below the ground surface. This cap will extend 4-feet beyond the diameter of the vent shaft.
9. The surface area above the concrete cap will be backfilled with soil and graded to drain away from the vent shaft.



-  Reinforced Concrete Cap
-  Inert Material
-  Soil Cover

EF Energy Fuels Resources (USA) Inc.

REVISIONS		Project: Daneros Mine	
Date	By	County: San Juan	State: Utah
10/22/14	RE	Location:	
Figure 4-2 Vent Closure Design Uncased Vent Shafts			
Author: RJE		Date: 10/24/14	Drafted By: