

Memo

Date: Oct. 20, 2015

To: RSC, C. Carlson, D. Raparia, and C. Ogeka

From: D. Beavis 

Subject: Berm removal and Restoration over TtB and Near the Steam Pit

On Oct. 14, 2015 C. Carlson, C. Ogeka, and myself met on the TtB beam to examine the removed soil from over the TtB tunnel and the schedule for its restoration. C. Ogeka had several copies of drawing 13346-M2 which shows the steam pit and the TtB tunnel. The soil was removed for approximately five feet from the steam pit and extends slightly over the TtB tunnel. The depth of removed soil closest to the TtB was approximately 18 inches. After examining the drawing it was determined that there was a distance¹ of 5 feet 5 inches between the TtB tunnel and the steam pit inner wall and 5 feet of soil from the tunnel to the closest area where soil was removed. An elevation of the undistributed berm is shown in Figure 1. The thickness of the berm² exceeds the requirement for proton or deuteron operations³. The berm is expected to be restored within a few days before beam operations begin.

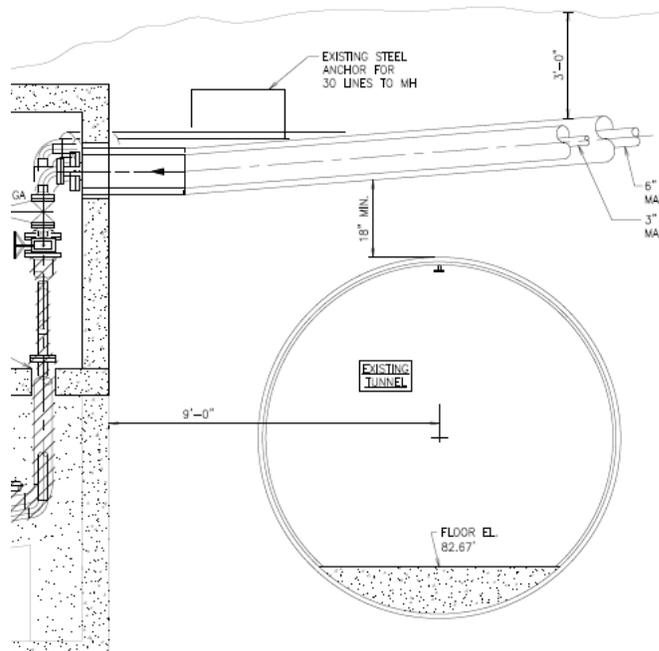


Figure 1: Elevation view of the TtB tunnel and the steam pit.

¹ This is mainly soil with a small portion being light concrete.

² This is true for the small area where radiation transverses the steam pipe.

³ See RSC Minutes of Oct. 25, 2007; http://www.c-ad.bnl.gov/esfd/RSC/Minutes/10_17_07%20Minutes.pdf