

When the contractor started clearing it became apparent that the topography shown on the plans between the proposed tank site and the Conex box did not match the actual ground. The ground was steeper than what was shown on the plans. This is an area that was completely overgrown, so it was difficult for either of the surveyors who collected data at the beginning of the design to collect any points in the area. As a result, when creating the digital surface, the computer assumed that the slope (between the tank site and the Conex box) was uniform, when, in fact, it was not. Further complicating the matter was that when the trees that were planned to be removed were removed, the large root-balls being excavated changed the ground surface.

Our design was to have the edge of the 10' pad around the tank match the existing ground elevation on the downhill side so that there wouldn't be a need to clear or do any grading below the pad. Because of the discrepancy in the topography, we recommended moving the tank further east (into the hill) by about 10'. This results in the edge of the pad getting back closer to matching the existing ground elevation, but not quite all the way. The ground between the tank and the Conex box still needed to be cleared so that some minor grading could take place. Another result of the shifted tank location is that the retaining wall needed to get a bit taller. We will work with the City and the Contractor to replant the slope below the tank to provide some visual shielding as soon as we can.

The excavation of the tank site was completed yesterday (Wednesday, Aug. 30) and the subsurface soil was inspected by the geotechnical engineer. He was pleased with the soil and said it substantially met his expectations. At this time, the contractor (Clackamas Construction) is bringing in some rock fill material to build the site back up enough to give the subcontractor who will be building the wall a pad to work from to build the retaining wall. Based on my last discussions with the contractor, they hope to have the wall being built by next week.

I have asked the contractor for an updated schedule, which I will forward to you all as soon as I get it.

The contractor has submitted a request for a change order for the additional clearing work necessary to facilitate the change in location totaling \$27,144. I have not yet completed my review of the request, so I can't yet recommend approving it, but I believe we'll do that by the end of the week (tomorrow).