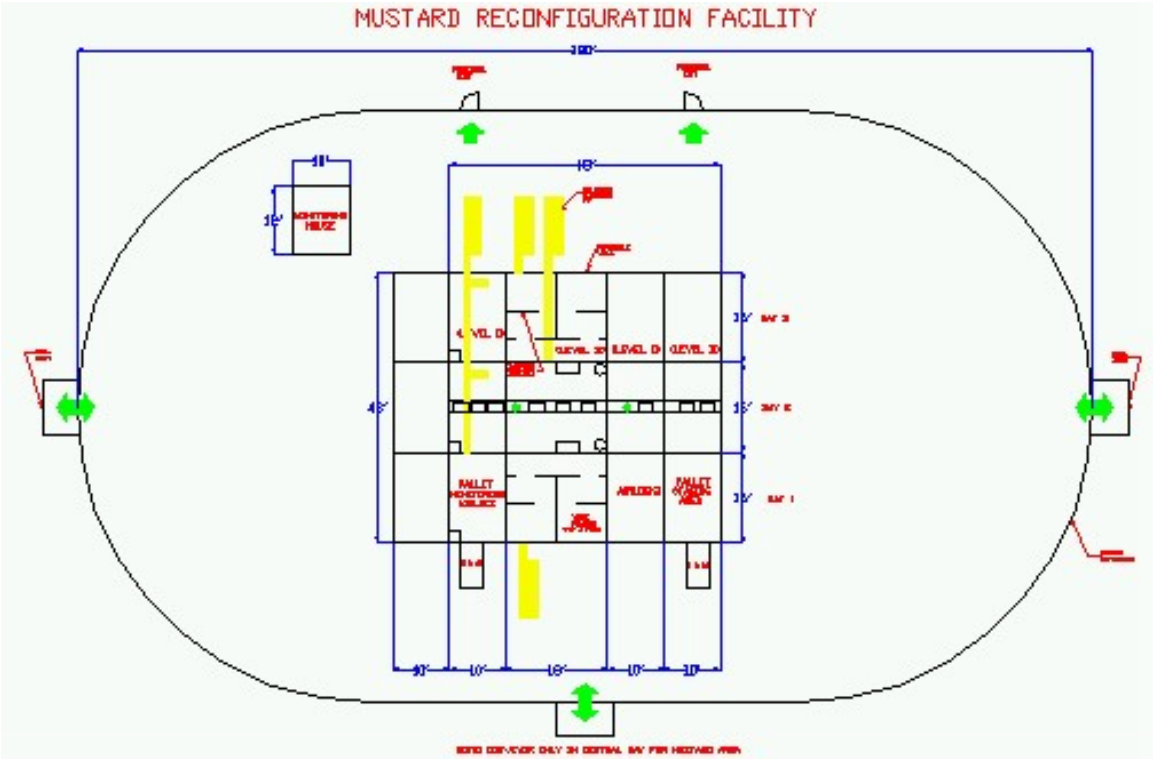
Enhanced Reconfiguration Concept

The H/HD/HT Enhanced Reconfiguration Facility is a modular structure with four processing bays, where individual munitions will be reconfigured. The conveyors are removed from the outer two lines. The reconfiguration bays are set up in the work areas with shielding to protect the workers and frangible walls installed on the outer walls. Munitions are moved from the pallets to the work area. A manual-remote disassembly process would be utilized, using 1 or 2 personnel for disassembly per bay. The operator would set the munition, set up the tooling, leave the area and start the disassembly tool remotely, then repeat the process for the next component to be removed from the munition. When complete, the munition would be transferred back to the pallet. The pallet of reconfigured munitions and the separately packaged energetics would then be placed in the monitoring area. After monitoring, the munitions would be transferred back to storage, and the energetics would be stored for transfer to an off-site disposal facility. A stressed membrane structure with a separate ventilation filter system would be erected around the H/HD/HT structure to act as a secondary vapor containment. Crushed rock over fill dirt with a liner would be used around the structure to facilitate construction equipment and the transportation of munitions.