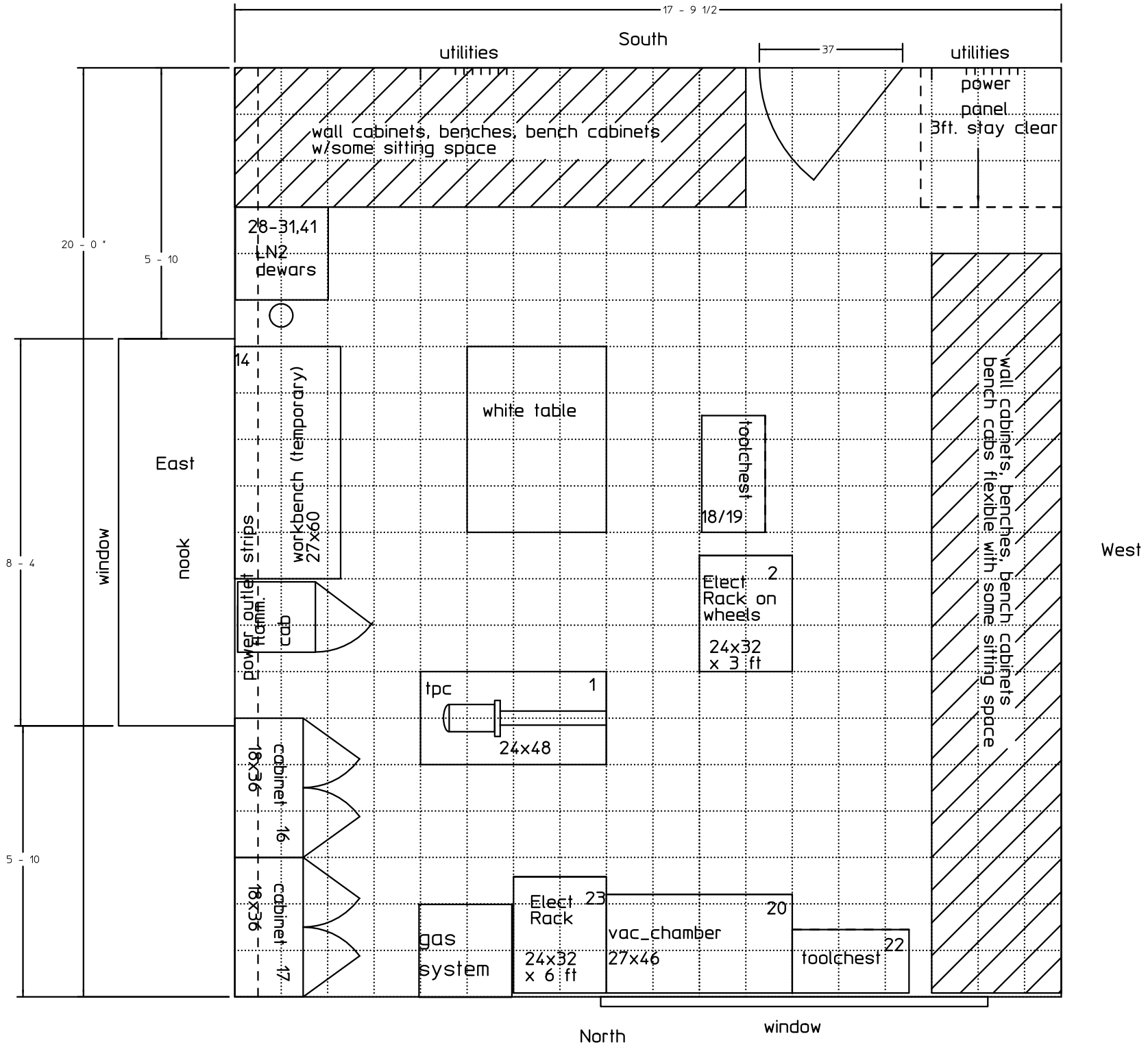50-6003 initial layout, rev A, 3/27/10