

Engineering has reviewed the TRC submittal for the NHRMC Emergency Well House project and offers the following comments:

1. The project proposes less than 10,000 square feet of newly constructed impervious but greater than 2,500 square feet. Therefore, it qualifies as a drainage plan. A drainage plan submittal should be sent directly to Engineering that includes a check for \$200 drainage plan review fee, stormwater permit application (Form SWP 2.2), revised plans, and any other necessary documents.
2. The stormwater runoff from this site will be routed to an offsite wet detention pond known as Silverstream Regional Water Quality Facility, with terms and conditions set forth in the latest version of NCDEQ Permit No. SW8 921002. The proposed site improvements will need to show compliance with State Permit BUA allocations. Please forward NCDEQ DEMLR determination and approval to City Engineering once completed.
3. The Easternmost existing driveway, located off of Glen Meade Road, will need to be closed per 18-530(a) (3). Existing sidewalk shall remain undisturbed while curb and gutter will be needed in place of driveway.
4. Please assure proposed improvements drain North towards NHRMC site. The project cannot sheet flow into right-of-way per City Technical Standards. The existing topo shows the site draining towards NHRMC away from Glen Meade right-of-way however, additional drainage arrows may be helpful to confirm proposed improvements do as well.
5. Assure improvements will not adversely affect adjacent property owners. Any potential for cutting off existing drainage patterns and/or trapping stormwater will need to be addressed.