

January 19, 2024

Randy Hooker
Engineering Design Associates
5625 S. Laburnum Avenue
Richmond, VA 23231

**RE: Metromont Corporation
Revised Bay & Tool Road Addition
LOCATION: 1640 Darbytown Road
FILE NO: POD2023-00119**

Dear Mr. Hooker:

We have reviewed the construction plans submitted to the Planning Department on December 29, 2023.

Please address the following comments and **resubmit revised construction plans** for review. Water and Sewer Agreements that must be executed by the Owner and the County for water and sewer improvements **have not** been executed.

General:

1. As previously communicated, submit a utility information sheet for the utility agreements thru the Build Henrico portal.

Sheet 2 Overall Existing Conditions:

2. This sheet still missing information on the existing utilities. These should be shown and labeled including GIS ID numbers for hydrants and meter numbers for existing meters.

Sheets 4 & 5 Existing Conditions, Demolition, and Ph 1 ESC:

3. As previously commented, show more definitively the portions of existing 4" waterline that are to be removed versus those which will be abandoned in place. The portion that will be abandoned in place must also be shown on the utility plan sheet and that which is removed should be omitted.

Sheet 7 Utility Plan:

4. Both of the 8" valves next to the terminal fire hydrant tee near building 5 can be removed. If there is a need to extend the waterline in this area in the future a valve can be left on the north side of the hydrant tee for this purpose.
5. Show two valves at the 8" x 8" tee using a larger symbol similar to the other valves on the plan view as these are hardly discernable still.
6. Clearly show the portion of remaining 4" waterline that will be abandoned in place and label it as such. Any 4" waterline less than 5 feet from the proposed 8" line is to be removed.
7. Cluster hydrant valve with tee at the hydrant between the two 45 ° bends.
8. Provide an enlarged view of the terminus of the western waterline line that more clearly shows the arrangement of the hydrant assembly, the relocated meter assembly and what look like bends.
9. Include within the callout for the relocated 2" water meter assembly a reference to D-530.

Sheet 11 Waterline Profiles:

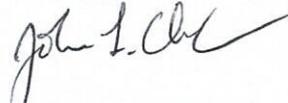
10. Provide the following for waterline profile A:
 - Show in the waterline profile A the crossings by the private 2" and 4" waterlines of the two proposed fire hydrants. Be advised that no vertical adjustments in the hydrant leads

are allowed, so the main will need to be lowered/adjusted in these areas if there is a conflict or the service line can be lowered/adjusted.

- Show 8" valve within profile next to the 8"x8" tee.
 - Remove reference to a boundary valve as this is not applicable.
11. Provide within both profiles a stationing equality at the 8"x8" tee.

If you have any questions concerning the above noted comments or the plans, please contact me at 501-4501.

Sincerely



John L. Clark PE
Utilities Engineer

cc: Les Williams – Metromont Corporation

bc: Marchelle Sossong
Daniel Ivy, Kenisha Williams
Otis Mitchell
Salim Chishti, Planning
Mike Aust, DPW

JLC/vr