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MEMORANDUM

To: Tom Grimaldi, P.E. **Date:** May 3, 2024

From: Guy Hesketh, P.E.

Subject: **Engineering Review Appl. #CC 24-05
East Granby Meadows
Responses to May 1, 2024 Memorandum**

Our File: 22082

Please find below written responses to comments of your May 1, 2024 memo. Your comments are in normal font, my responses are in *italic font*.

ENGINEERING REVIEW COMMENTS:

Sheet MA-1:

1. Provide a Phase line delineation between Phases 1 & 2 for development purposes.
A Phase line delineation was added to Sheets MA-1, LA-1 and GR-1.
2. Provide 4 ft. sumps and hoods to enhance stormwater quality within the proposed catch basins within the 3.84 acres "Undetained Post DA".
Sheet GR-1 was revised to show a callout for all new catch basins to include a four-foot sump. In addition, trap hoods were called out for the catch basin at STA 1+45± R and the catch basin in the landscaped area at the NE corner of the entrance drive. These are the most down-gradient catch basins in each leg of the storm drain before connection to the 18-inch drain along East Street.

Sheets EC-1 & EC-2:

1. Provide the location of the proposed Construction Entrance on the plans.
Sheet EC-2 was revised to depict the Construction Exit to East Street.
2. Provide Dust Control (DC) on East Street.

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Sheet EC-2 was revised to depict dust control (DC) along East Street.

3. Provide a detail for the Pump Settling Basin (PSB) in the event that dewatering is required.

A detail of a Pump Settling Basin (PSB) has been added to Sheet SD-1. The location of the placement of the PSB will be field determined based on the location of the need to dewater. In all cases the PSB will be installed outside of any U.R.A. of wetlands resources.

4. Add a note to plans indicating that all disturbed areas shall be loamed, seeded, and mulched.

The note has been added as Note 9 under “Additional Town Notes” on Sheets EC-1 and EC-2

5. If required, add a note regarding tree and/or brush clearing within the proposed water quality basins.

Sheet GR-1 has been revised to show the proposed clearing limits along the SW corner of Water Quality Basin #4. Sheets EC-1 and EC-2 have been revised to include a note that calls for the removal of any woody vegetation from the sideslopes and bottom of Water Quality Basin #4 and Water Quality Basin #5.

Sheets UT-1 & UT-2:

1. Add a letter designation to each utility service lateral(s) to the proposed dwellings.

Sheets UT-1 and UT-2 have been revised to add letter designations to each utility service lateral to the proposed dwelling units.

2. Will the proposed roof leaders be piped underground or discharged to grade? Provide erosion control measures as required.

All roof leader downspouts will be directed to grade. Sheets GR-1 and GR-2 have been revised to include a note calling for the use of splash blocks at each downspout location.

3. Please clarify the lines designated with “FD” as shown within the grassed area in the center of the looped section of the roadway.

The lines designated as FD are existing footing drains that were constructed during the initial site work in the late 2000s. They were intended to connect footing drains from the originally-proposed buildings (which were to be constructed with basement) and discharge flow to the water quality basins. All proposed buildings under this proposal will be slab-on-grade construction. The existing footing drain network will therefore, not be utilized and will be abandoned in place. Notes were added to Sheets UT-1 and UT-2 indicating that the footing drains are to be abandoned in place.

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Sheet NT-1

1. Provide a 24-hour emergency contact name and telephone number for the maintenance of erosion control measures.

Note #19 in the Soil Erosion and Sediment Control Notes on Sheet NT-1 has been revised to show the name and contact number of the 24-hour emergency contact person.

2. Since the existing processed aggregate within the roadway has been in place for over twenty years, please add a note to the construction sequence indicating that the upper portion (top 2-3 inches) of the existing processed aggregate contaminated with sediment shall be removed and replaced with clean processed aggregate, prior to paving of the binder pavement course.

The noted under Construction Sequencing/Phasing have been revised to include this note. (See Note #18).

3. Correct spelling error in the Construction Sequence note #7.

The spelling error has been corrected.

Sheet SD-2:

1. Add the MDC Sanitary Sewer Trench Detail for sanitary sewer service laterals, (MDC Detail S2).

MDC Standard Detail S-2 has been added to Sheet SD-4.