



DLR Group inc.

a Kansas corporation

7290 West 133rd Street
Overland Park, KS 66213

07/12/2024

City Of Lee's Summit

220 SE Green Street, Lee' Summit, MO 64063

City Contact: Scott Ready, Scott.Ready@cityofls.net, 816 969 1225

Re: MCC Automotive Institute Building Addition and Renovation

500 SW Longview Road, Lee's Summit, Mo 64081

DLR Group Project No.: 13-23128-00

Application Number: PL2024131

Application Type: Commercial Final Development Plan

Dear Scott,

Thank you for all the support throughout the FDP process. Attached are our documents for FDP comments as received on 07/08/2024. Please note we have been addressing all the comments from Codes and Planning through various submissions. All our changes were clouded as ASI 01 & ASI 02 and are included in the submittal. The FDP comments that are being addressed here are clouded as such and dated for today. Sheets C3.10 and C4.22 are the only sheets being updated for this round of comments.

We left all the other previous clouds on and are dated respectively.

Please let us know if there are any questions.

Sincerely,

Ishita Banerjii

Project Manager | Senior Associate

ibanerjii@dlrgroup.com

DLR Group

o: [913-897-7811](tel:913-897-7811) | m: [913-314-8855](tel:913-314-8855)

Review Status:**Required Corrections:**

Engineering Review **Gene Williams, P.E.** **Senior Staff Engineer** **Corrections**
(816) 969-1223 Gene.Williams@cityofls.net

1. Profile view of storm line 1 (i.e., the discharge line for the detention basin) is shown with insufficient cover toward the last 50 feet of the run just prior to the flared end section. However, when compared to the plan view, it appears from the plan view that the storm line terminates prior to what is shown on the profile view. Please evaluate and reconcile the discrepancy either on the plan view, the profile view, or both.

The detention outfall line is shown correctly in the plan view and has been revised to show adequate cover.

2. The hydraulic grade line for the 100 year event was missing on storm line 1 (i.e., the discharge line from the detention basin). The 100 year hydraulic grade line shall be at or below the crown of the pipe, as this line shall be designed to manage the 100 year flow from the detention basin.

The hydraulic grade line has been added to the detention outfall line.

3. Sheet C4.22: The detention basin sheet was missing the following items: 1) top of dam, 2) crest of emergency spillway, 3) 100 year water surface elevation for design (i.e., nominal) condition, 4) 100 year water surface elevation for the 100 percent clogged/zero available storage condition both in numerical and graphical format, 5) cross-section of dam, outlet structure, emergency spillway, and top of dam with the above information, and 6) 100 year storage (nominal condition). Please provide this information on the sheet so that a quick review of the as-built detention basin sheet can be performed to facilitate a permit for occupancy.

The detention basin has been revised to show the top of dam, the crest of the emergency spillway, the 100 year water surface elevation for the nominal condition and the 100% clogged condition, a cross section of the dam, outlet structure and emergency spillway, top of dam, and 100 year storage nominal condition.

Fire Review **Jim Eden** **Assistant Chief** **Approved with Conditions**
(816) 969-1303 Jim.Eden@cityofls.net

1. All issues pertaining to life safety and property protection from the hazards of fire, explosion or dangerous conditions in new and existing buildings, structures and premises, and to the safety to fire fighters and emergency responders during emergency operations, shall be in accordance with the 2018 International Fire Code.

Applicable codes are listed on the Code sheets for the project.

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