

Date: October 11, 2024

To: City of Lee's Summit

From: Daniel Finn, P.E., Phelps Engineering, Inc.

Re: Responses to City Comments
PL2024168
Associated Plastic Surgeons
PEI #240024

Engineering Review

Susan Nelson, P.E.
(816) 969-1229

Senior Staff Engineer
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Corrections

1. The BFPD vault sump must be daylighted or connected to the storm water system, as an aggregate pit is not allowed. Show in the plans how the BFPD vault sump will be drained.

Response: Acknowledged. The BFPD was relocated to a grassy area with a new 2" storm line that will run from the sump to the adjacent 8" secondary storm drain allowing the vault sump to be drained.

2. Sheet flow across the top of the BFPD within a parking lot does not satisfy the requirement to grade the vault area to drain away. To achieve an appropriate design, grass areas are usually better locations for the BFPD vault. Please reevaluate the design.

Response: Acknowledged. The BFPD was relocated to a grassy area.