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Memorandum

To: Carson Byerhof, Planner I
Date: July 15, 2022
From: Michael Walton, P.E., Senior Development Review Engineer
Cc: Alex Mestdagh, P.E., Engineering Services Manager
Tom Williams, P.E., Director of Engineering/Public Works

Subject: Douglas 234 F6 AMD 1 L4 - Dunkin Donuts – Engineering 1st Review

The Engineering Department has reviewed the documents submitted with this application. The submittal consisted of the following documents:

<u>Document</u>	<u>Dated</u>
Site Plan	April 2022
Construction Plan	April 2022

Thank you for the opportunity to review this application. Based on our review we have the following comments:

Stormwater Review Comments

The following comments concern drainage, erosion and sediment control, and non-point source pollution control issues for the subject property. They are based upon our review of the submittal documents against the criteria presented in the Town of Parker's, *Storm Drainage and Environmental Criteria Manual* (SDECM), as revised, February 2014. Additional regulatory and planning documents were utilized in the review and are referenced in the comments where appropriate.

CONSTRUCTION PLANS – ENVIRONMENTAL

GENERAL COMMENTS

1. Omit all existing and proposed utilities from the CBMP Drawings, except those relating to stormwater.
2. Include within the plan set all of the town's 31 CBMP Notes & Details. Specifically noted Detention Pond Protection (DP), Lot Protection (LP), Masonry Work Protection

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(MWP), Straw Bale (SB), and Temporary Sediment Basin (TSB) as missing. Please also note that Sheets 16 and 17 appear to be duplicate sheets.

3. Please remove the Town's approval block from the CBMP detail and note sheets. Please note the approval block should remain on the plan sheets.
4. Please shift the Silt Fence (SF) identified along Slicero Drive back into the site along top back of curb and utilize Construction Fence (CF) within the roadway for perimeter control if needed.
5. Identify the hatch used for Seeding Mulching and Crimping (SMC) in the sheet specific legends.

INTERIM/FINAL CBMP PLANS

6. Provide flow arrows for the proposed grading.
7. Label and identify the ratio of all slopes that are 4:1 or greater.
8. Provide and identify Debris and Trash Control (DTC) for the proposed paved surfaces internal to the site as well.
9. Provide and identify Sediment Control Log (SCL) along the extents of the proposed sidewalk adjacent to landscaped areas.

CONSTRUCTION PLANS – STORMWATER

1. Provide a minimum of 7-feet from any boundary of the drainage easement to the edge of any storm sewer infrastructure. Specifically noted as not provided at both proposed inlets.
2. Provide and identify the minor and major storms' hydraulic grade lines on all storm sewer profiles.
3. Provide a minimum of 0.2-feet of drop from any invert into a structure and the invert out of the structure. Specifically noted as not provided at structure SDMH-02.

DRAINAGE REPORT

1. Provide a drainage conformance letter specific to this site plan application.

The submittal is not in general conformance with the Town of Parker's *Roadway Design and Construction Criteria Manual* and *Storm Drainage and Environmental Criteria Manual*. The submittal must be revised and re-submitted for review.

An attempt has been made to identify all of the items that do not meet the Town of Parker's design criteria; however, it remains the developer's responsibility to ensure that all criteria are met.

If you have any questions regarding the comments, please do not hesitate to contact the Engineering Department at (303) 840-9546.