

March 26, 2024

City of Cranston  
Attn: Development Plan Review Committee  
869 Park Avenue  
Cranston, RI 02910

**Re: Drainage Memorandum  
McDonald's Restaurant  
927 Cranston Street  
Cranston, RI**

Dear Members of the Development Plan Review Committee:

In support of McDonald's Corporation Development Plan Review Application for the proposed redevelopment of the existing McDonald's restaurant at 927 Cranston Street & the adjacent parcel located at 419 Webster Avenue, please accept this memo in lieu of a full drainage report as previously discussed with the City Engineering Department and consistent with the 2019 Planning Board Development Plan Review approval process.

The proposed project will redevelop the existing 40,078 SF McDonald's parcel and the adjacent 6,483 SF vacant lot located at 419 Webster Avenue to demolish and rebuild the existing McDonald's restaurant with a new side-by-side drive-through configuration and on-site utility improvements. The existing McDonald's stormwater system is currently comprised of a series of catch basins which drain to two separate locations in Webster Avenue and Cranston Street. No drainage system or structures currently exist on the vacant lot.

To accommodate the proposed layout, the redevelopment of the properties will result in a total increase of  $\pm 2,515$  SF of impervious coverage. One (1) new deep sump and hooded catch basin located on the 419 Webster Avenue parcel and one (1) new deep sump and hooded catch basin to replace an existing catch basin on the McDonald's property are proposed. The new catch basins are proposed to connect to the existing drain line servicing the McDonald's property located proximate to the property line along Webster Avenue Right-of-Way. To provide an improvement to the existing stormwater quality, a proprietary stormwater quality treatment unit is proposed to treat stormwater entering the municipal system at Webster Avenue and the existing catch basins to remain are proposed to be jetted and vac cleaned. It is notable that the overall drainage patterns as it relates to stormwater discharge from the site to the municipal system is unchanged.

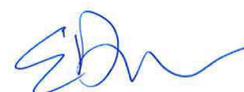
We trust the provided information is sufficient for your review and look forward to discussing this project further at the upcoming Development Plan Review Committee meeting. Should you have any questions or need additional information, please do not hesitate to contact us at 508-480-9900.

Sincerely,

BOHLER



Daniel Allen



Eric G. Dubrule