



Engineers
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MEMORANDUM

To: Ronald Yake, AICP, PP

From: Derek Jordan

Date: August 24, 2020

**Re: 150 College Road West – Solar
Minor Site Plan
MC Project No. 20000951A**

Mr. Yake,

Maser Consulting has performed a calculation on the impact on the stormwater management system at the above referenced location as a result of the proposed solar canopy installation. The only change to the existing impervious coverage is a result on the columns to the canopy system being installed within existing pervious areas. The calculation for the increase in impervious coverage is included in the plans on the Post and Foundation Layout Plan (sheet 5 of 7). In total, there are 5 columns located within existing pervious surfaces, each column having an area of 7 sf. This results in an increase of 35 sf in impervious coverage over the entire site.

There is no need for any alterations to the existing stormwater management system as a result of this increase of 35 sf. The existing lot is 332,831 sf in size, with 169,952 sf in impervious coverage. As such, the additional 35 sf is De minimis given the size of the property and what the existing stormwater management system was designed for. Additionally, each column is in a separate location and they are spread out over the entire site. That the new impervious coverage is disconnected, further reduces its impact to the overall site. As such, no changes to the existing stormwater management system is required as a result of this project.

Derek Jordan, P.E.
Associate

DJ/dm

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