CALCULATIONS AND COMMENTS

CALCULATIONS:

SITE = 42,207 sq. ft. = .96893939 acres

RETENTION VAULT = 3,360 sq. ft. = 7.96% of 42,207 sq. ft. site.

WETLAND BUFFER ENHANCEMENT = 5,996 sq. ft. = 14.2% of 42,207 sq. ft. site.

RETENTION VAULT AND WETLAND BUFFER ENHANCEMENT = 9,356 sq. ft. = 22.16 % of 42,207 sq. ft. site.[1]

COMMENTS:

The "WALL DRAINAGE TO WETLAND" arguably is a prohibited alteration of the Mercerdale Park wetland. *See, e.g.,* Martin Law October 30, 2015, legal opinion.

The "WALL DRAINAGE TO WETLAND" arguably is a prohibited alteration of the Mercerdale Park wetland buffers. *See, e.g.,* Martin Law October 30, 2015, legal opinion.

The "PROPOSED SWALE" arguably is a prohibited alteration of the Mercerdale Park wetland buffers. *See, e.g.,* Martin Law October 30, 2015, legal opinion.

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[1] These calculations do not include off-site: (i) "BIORETENTION TO MITIGATE ROOF DRAINAGE"; (ii) "WALL DRAINAGE TO WETLAND"; (iii) "PROPOSED SWALE"; (iv) "EMERGENCY OVERFLOW SWALE"; (v) "PROPOSED STORM DRAIN MANHOEL" and (vi) "PROPOSED STORM DRAIN." *See, e.g.,* Attachment M to July 27, 2016 SEPA Checklist.