



MLH Civil Engineers, PLLC

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Andrea S. Pompei Lacy, AICP
Planning Administrator – Bourbon County Joint Planning
525 High Street
Paris, KY 40361

RE: Pre- & Post-Development Stormwater Runoff
Seedtime & Harvest, LLC – Hunt Brothers Pizza
Cleveland Road
Paris, KY

Dear Ms. Lacy:

Attached with this correspondence are SEDCAD4 printouts of the existing conditions and post development stormwater characteristics for the aforementioned project. It is my belief that these calculations were performed within the guidelines, storm events, and modeling scenarios presented in the City of Paris Stormwater Manual.

The following peak runoff values have been calculated:

	WATERSHED A		WATERSHED B	
	PRE-	POST	PRE-	POST
10 YR / 1 HR Storm	5.14 cfs	4.90 cfs	7.48 cfs	7.47 cfs
25 YR / 24 HR Storm	27.18 cfs	21.07 cfs	22.16 cfs	19.27 cfs
100 YR / 1 HR Storm	16.21 cfs	12.96 cfs	18.59 cfs	16.88 cfs
100 YR / 24 HR Storm	39.29 cfs	35.01 cfs	30.68 cfs	26.36 cfs

Watershed A has a reduction in all storm events due to the proposed basin to be installed with a 4” orifice in a 36” X 36” Drop Inlet structure with a HOE-320 grate (1.8 sft drainage area). Watershed B has a reduction in all of the storm events due to the reduction in area from the Existing to the Post conditions.

Included with this submittal are watershed maps illustrating the Existing & Post Development watersheds with the current site design. More detailed construction plans can be provided as the design development continues.

If there is anything else I can do to help, please don’t hesitate to call.

Sincerely,

JOHN W. HUNT, PE, PLS
Professional Engineer
Professional Land Surveyor

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