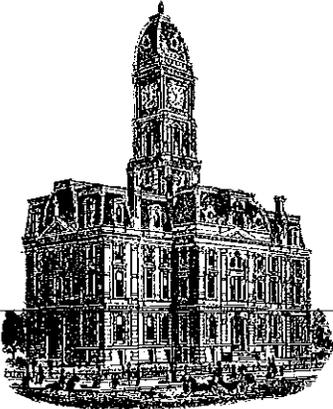


Kew



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

October 1, 2015

To: Hamilton County Drainage Board

Re: Little Eagle Creek Drain, Maple Knoll Section 7 Arm

Attached is a petition filed by Maple Knoll Developer, LLC, along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Maple Knoll Section 7 Arm, Little Eagle Creek Drain to be located in Washington Township. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable, will improve the public health, benefit a public highway, and be of public utility and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

12" RCP	543 ft.	15" RCP	358 ft.
18" RCP	290 ft.	21" RCP	34 ft.
24" RCP	113 ft.	6" SSD	6,052 ft.

The total length of the drain will be 7,390 feet.

The retention pond (Lake #11) located in Common Area #18A is to be considered part of the regulated drain, as other prior retention ponds in Maple Knoll are also part of the regulated drain. Pond maintenance assumed by the Drainage Board shall include the inlet and outlet as part of the regulated drain. The maintenance of the ponds (Lake #11) such as sediment removal and erosion control along the bank, mowing and aquatic vegetation control will be the responsibility of the Homeowners Association. The Board will also retain jurisdiction for ensuring the storage volume for which the pond was designed will be retained, thereby, allowing no fill or easement encroachments.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those main lines in rear yards. Only the main SSD lines which are located within the easement or right of way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain. The portion of the SSD which will be regulated other than those under curbs are as follows:

Curbline SSD in Streets:

Bingham Drive
Southwell Drive
Pearse Lane
Workington Way
Connolly Drive

Rear Yard SSDs:

Rear yard lots 414 to 416 from ex. Str. 323 to ex. Str. 324
Rear yard lots 417 to 419 from Str. 318A to Str. 325B
Rear yard lot 419 and 420 from Str.318A to Str. 318
Rear yard lots 421 to 427 from Str. 318 running east to riser
Rear yard lot 431 from Str. 314 running north & west to riser
Rear yard lot 430 from Str. 314 to Str. 314A
Rear yard lots 428 and 429 from Str. 314A running south to riser
Rear yard lots 432 to 438 & lot 365 from Str. 313C running
north to existing riser

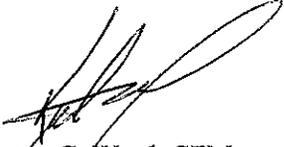
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$65.00 per platted lot, \$10.00 per acre for common areas, with a \$65.00 minimum, and \$10.00 per acre for roadways. With this assessment the total annual assessment for this drain will be \$2,993.70.

In accordance with IC 36-7-4-709, the petitioner did not submit surety for the proposed drain prior to construction commencing. If the petitioner/developer wants to submit final secondary plat for recording prior to the final inspection and approved as-built drawings, a bond will be required at that time.

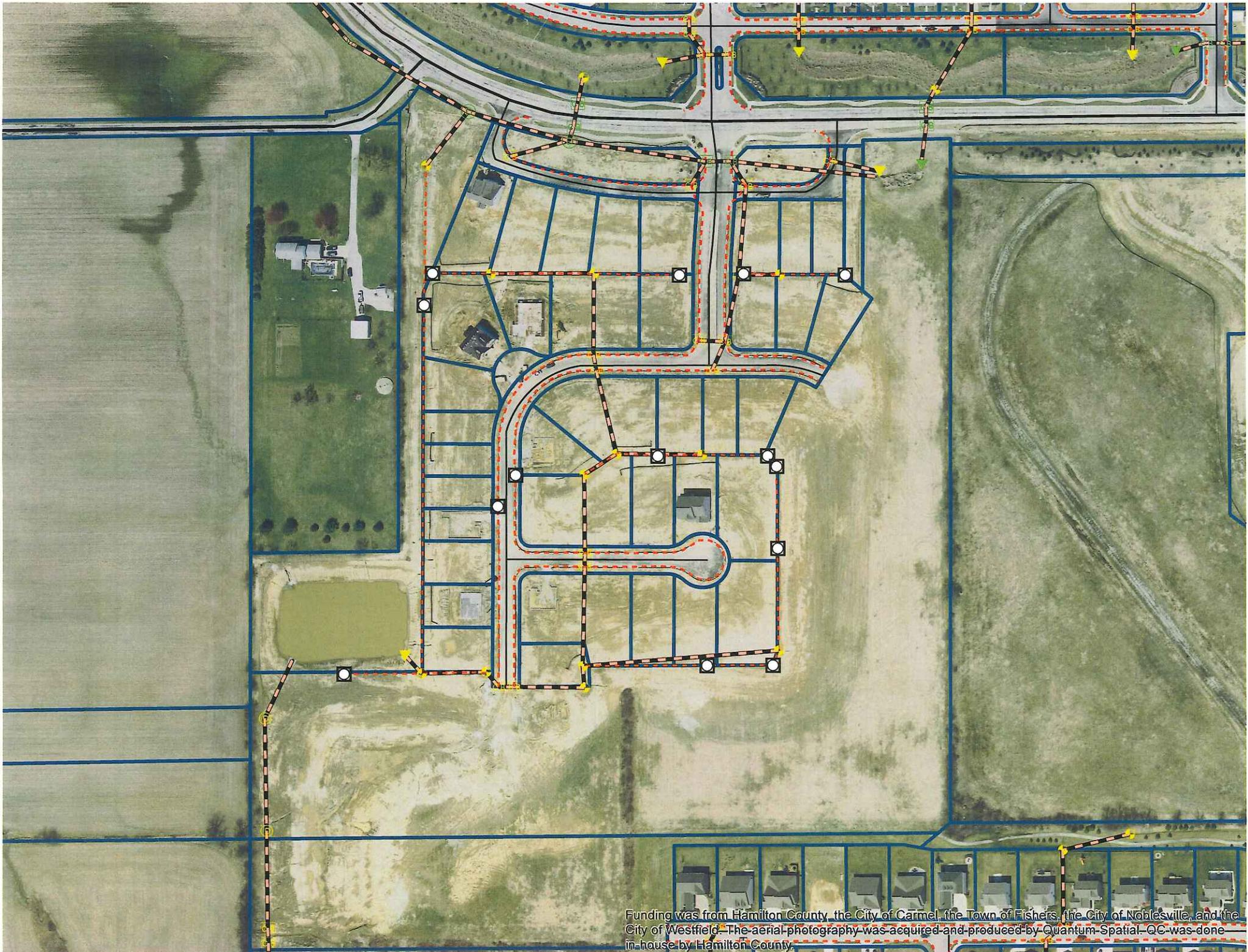
I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement requests. The request will be for the reduction of the regulated drain easement to those easement widths as shown on the secondary plats for Maple Knoll Section 7 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for November 23, 2015.



Kenton C. Ward, CFM
Hamilton County Surveyor
KCW/pll



Funding was from Hamilton County, the City of Carmel, the Town of Fishers, the City of Noblesville, and the City of Westfield. The aerial photography was acquired and produced by Quantum Spatial. QC was done in-house by Hamilton County.