



August 25, 2020

Vanderburgh County Drainage Board
c/o The Vanderburgh County Surveyors Office
1 NW ML King, Jr Blvd
Civic Center Room 325
Evansville, IN 47708
812-435-5117

Re: **Windemere Subdivision**
Sections 4 & 5
Proposed Revisions to the
Approved Drainage Plan

Cheryl A. Musgrave
BSA

Jeffrey M. Hatfield
8/25/2020

Mr. Jeffrey Mueller, P.E.:

This request is in response to a letter sent to the HOA and six homeowners in Windemere Farms Subdivision by the Drainage Board Legal Department dated, July 29, 2020. The letter is concerning the unapproved installation of approximately 270 feet of 15" diameter underground pipe in a portion of the drainage easement. The installation is in an area of the subdivision where an open swale type drainage channel is the method of stormwater conveyance shown on the approved drainage plan. It is understood that the installed pipe is undersized and is not installed to the proper standards. It is also understood that in any case this pipe must be removed. The six homeowners desire to continue with underground drainage in this stretch of the drainage easement in order to maintain a more usable and mowable lawn area, with

less standing water and related mosquito concerns, which are common with the open swale/ditch drainage method.

The HOA and six homeowners wish to present a revised Drainage Plan which incorporates the installation of approximately 280' of new 18" diameter underground pipe with associated area drain/manholes. The area drains will promote the collection of surface runoff from the adjacent yards and direct it into the underground pipe. Due to the lack of heavy traffic expected over the new pipe and area drains in this location, a variance is requested to use Nyloplast, or HDPE, area drain/manholes in lieu of precast concrete boxes.

If you have any questions or require any additional information do not hesitate to contact me at 812-426-6266.

Sincerely,

Acura Engineering, Inc.

David J. Wanninger P.E.

David J. Wanninger, P.E.

(Indiana PE Registration No. PE 60017494)

Attach: Drainage Board Letter Dated 7-29-20
Proposed Revision Drawings
Pipe Sizing Calculations

