

ALLEGHEN COUNTY  
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July 11, 2023

Pine Hills North Drain Board of Determination

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Location of Pine Hills North Drain in Dorr Township

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## Pine Hills North Drain

- The existing storm water drain system is without authorized local and county governmental jurisdiction and administrative, procedural, and funding mechanisms to address current/future needs for maintenance and improvements
- Application for Laying Out and Designating a Drainage District completed by Dorr Township on December 27, 2022 under Chapter 3 of the Michigan Drain Code of 1956.
- Petition to Locate, Establish, and Construct a County Drain submitted by Dorr Township on December 27, 2022 under Chapter 4 of the Michigan Drain Code of 1956.
- Michigan Drain Code requires a Board of Determination Meeting



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## Pine Hills North Preliminary Engineering

- Review utility record drawings and plat maps
  - Pine Hills Plat (1987)
  - Pine Hills Plat No. 2 (1989)
  - The Pines Condominiums
- Delineate the drainage district (watershed) boundary using county GIS contour data and aerials
- Visit site to locate drain infrastructure and confirm drainage patterns



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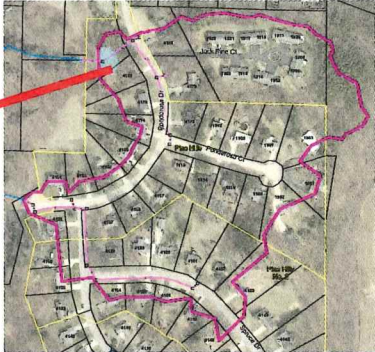
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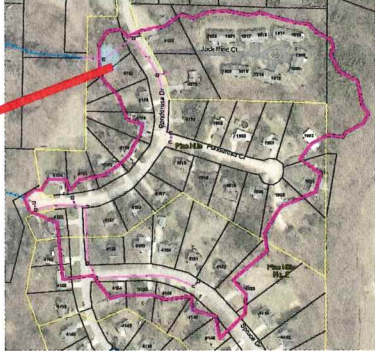





Ponding area (looking south at 4182 Ponderosa Drive)




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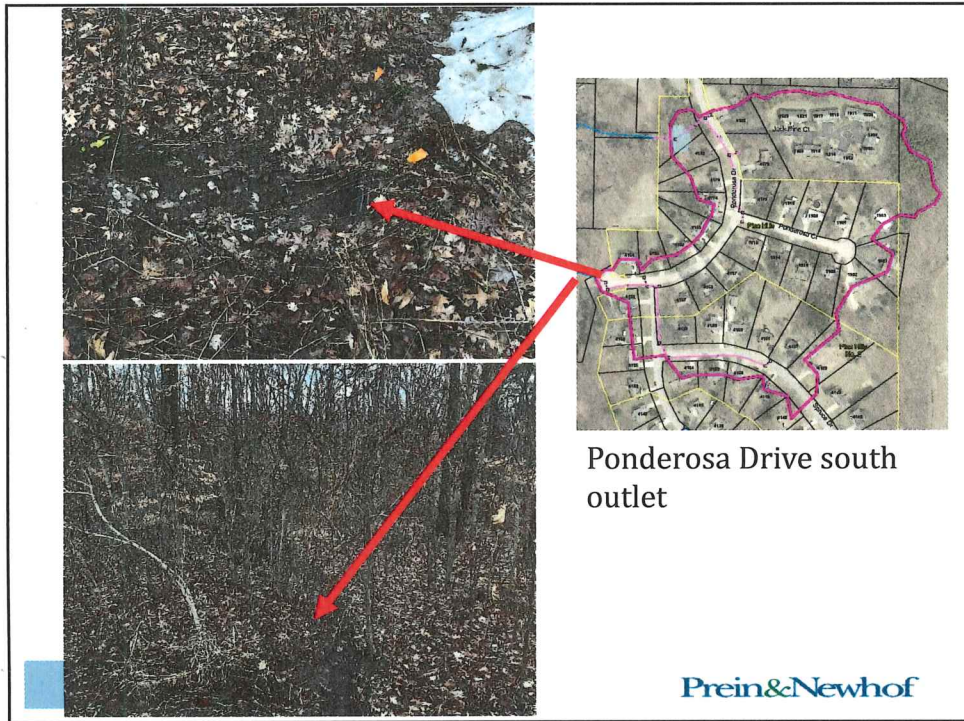
6" Pipe outlet is buried

Berm was cut through



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## Pine Hills North Drain – Next Steps

- If the drain is deemed necessary by the board, then...
  - Project design will begin and easement acquisition, if necessary.
  - Upon completion of design, the project will let to contractors for bids. This will be a public bid.
  - After project is bid and project costs are determined, a Day of Review will be held to review apportionments.
  - Construction would then commence on the project.
  - Costs of project would be assessed to Dorr Township (at large), Allegan County, Allegan County Road Commission, and parcels within the district.
- If the drain is deemed not necessary by the board, then drain will remain with no ownership by a public entity



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## Pine Hills North Drain – Next Steps

- If drainage issues occur in the future, then...
  - Drain Office can perform routine maintenance up to \$5,000 per mile of drain (per Drain Code) without a petition
  - If the extent of maintenance exceeds the \$5,000 per mile of drain in a year, then a maintenance resolution from the Township or City can be signed to exceed the maintenance limit without the need for a petition.
  - The final option is a new petition would be needed by the Township or the residents of the drainage district to maintain the county drain
  - Assessments for all future projects would be made by Dorr Township (at large), Allegan County, Allegan County Road Commission, and parcels within the district.



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