



Quail Valley #1 (Montgomery West HOA) Stormwater Pond Retrofit

Montgomery County Department of Environmental Protection
Cabin Branch, a tributary to Great Seneca Creek in the Potomac River Watershed



VIEW OF FACILITY LOOKING NORTH.



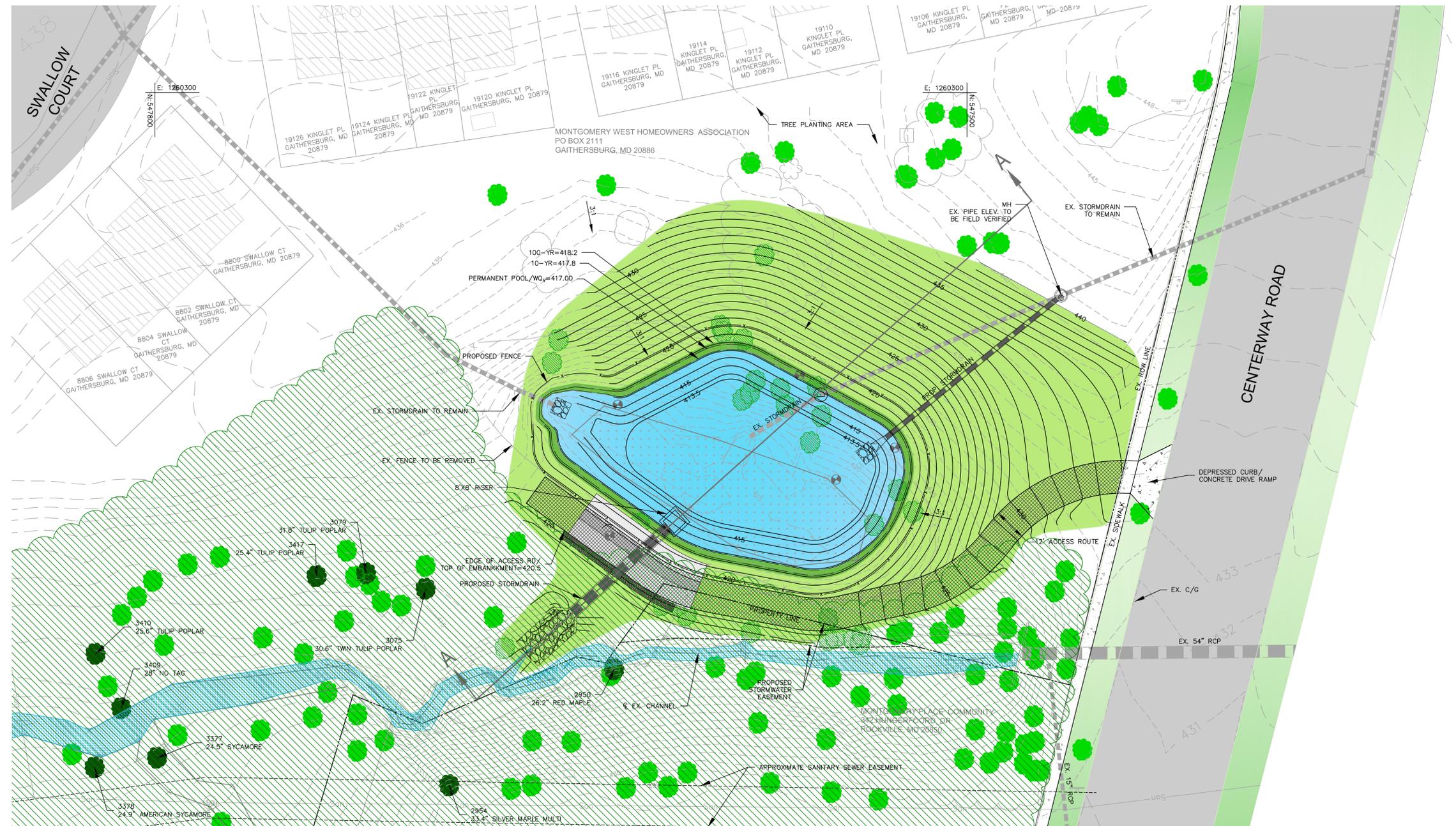
VIEW OF BOTTOM OF FACILITY.



VIEW OF DOWNSTREAM CHANNEL.



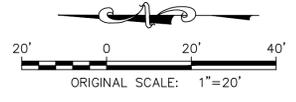
VIEW OF OUTFALL.



RESTORATION/ RETROFIT PROJECT FACTS
 Drainage Area: 9.24 acres; 51% impervious cover
 Total impervious area: 4.66 acres
 Project status: Concept (30%) Design
 Estimated construction start: Summer 2015

RESTORATION GOALS
 Restoration goals for this project are to provide additional wet and dry storage within the existing pond to improve the health of the receiving waters and to bring the pond into compliance with current safety and design standards.

OTHER FACTS
 The area in and around the pond will be revegetated with a variety of attractive and site-appropriate native plants.



LEGEND

- PERMANENT POOL
- 100 YEAR STORM EVENT INUNDATION
- AREA TO BE DISTURBED AND REVEGETATED
- UNDISTURBED VEGETATED AREA
- FORESTED AREA
- EXISTING TREE < 24" TO BE REMOVED
- EXISTING TREE < 24" TO REMAIN
- EXISTING TREE > 24" TO REMAIN

JANUARY 2014

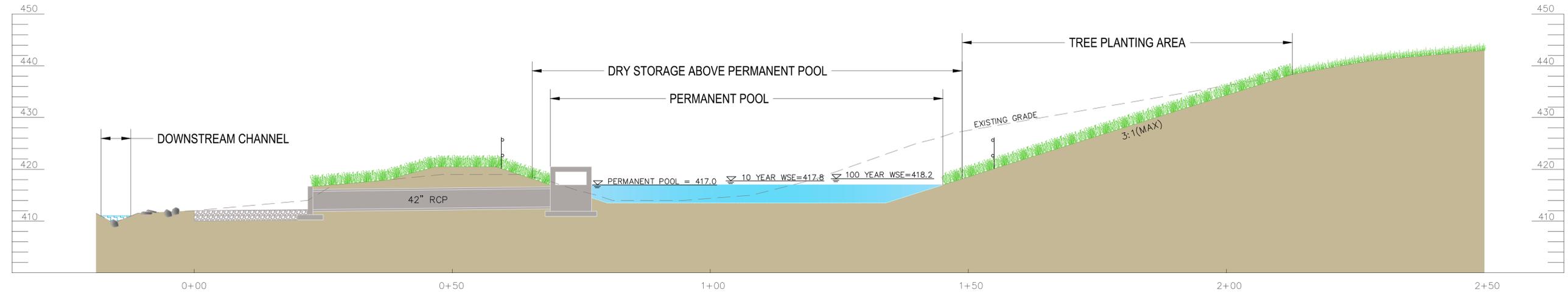
For more information, contact:
Darian Copiz, Darian.Copiz@montgomerycountymd.gov/ 240-777-7774 or Mike Lichty, Mike.Lichty@montgomerycountymd.gov / 240-777-7772 - Department of Environmental Protection





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SECTION A-A
1" = 10' (HORIZ.)
1" = 10' (VERT.)

LEGEND

-  PERMANENT POOL
-  STREAM BASE FLOW
-  AREA TO BE REVEGETATED
-  EXISTING VEGETATION TO REMAIN
-  PROPOSED FENCE
-  RIP-RAP

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